pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF ENVIRONMENTAL CLEANUP AND BROWNFIELDS
LAND RECYCLING PROGRAM

Land Recycling Program
Transmittal Sheet for Plan/Report Submission

Instructions: Please provide all requested information in each of the four sections. This transmittal sheet shall accompany any plan/report submitted to the Department under the Land Recycling Program. Proper completion of the Transmittal Sheet will assist Department review and may avoid a finding of plan/report deficiency. The Facility ID number can be obtained from the Department's Environmental Cleanup Program in the region where the site is located.

Section 1 - Site Identification

eFACTS Facility ID 882095

Site Name Aug 2022 River Rd Release Area

Site Address 3144 West Passyunk Avenue

Municipality and County Philadelphia

Section 2 - Remediation Standard . . Plan/Report . . Fees

Identify the remediation standard being pursued and the type of plan/report being submitted. Please note required Department fees follow each type of plan/report.

Check the relevant standard and the type of plan/report being submitted.

☐ Background Standard
Final Report ($250 fee)

☐ Site-Specific Standard

- ☐ Remedial Investigation Report ($250 fee)
- ☐ Risk Assessment Report ($250 fee)
- ☐ Cleanup Plan ($250 fee)
- ☐ Final Report ($500 fee)*

☒ Statewide Health Standard*
Final Report ($250 fee)

☐ Special Industrial Area

- ☐ Work Plan (no fee)
- ☐ Baseline Environmental Report (no fee)

*A final report submitted under a combination of cleanup standards should be accompanied with a fee representing the higher of the two standards' final report fee.

Ensure your check covers all required fees and is made payable to the **Commonwealth of Pennsylvania**.

Section 3 - Municipal/Public Notice Confirmation

There are two stages in the Land Recycling Program where municipal and public notices are required. Read the information associated with each stage. You will be asked to confirm that information establishing your compliance with these notification requirements has been included with this submission.

☐ Check here if you are planning to meet the Background or Statewide Health Standard and your Final Report has been submitted within 90 days of the release.

Indicate date of release here August 2022

No further completion of this section is required if your Final Report for these two standards conforms to the 90 day time frame.

Stage 1 - Notice of Intent to Remediate (NIR)

☒ Check here to confirm you have included proof that a copy of your NIR was provided to each municipality where your site is located. Proof will be a copy of your cover letter and a copy of a signed certified mail receipt slip from the municipality.

☒ Check here to confirm a copy of a proof of publication document from a newspaper serving the area of your site has been included with this submission.

☐ Check here to indicate that a Site-Specific Standard or a Special Industrial Area is involved and a municipal request was received for development of a public involvement plan. The plan/report submission shall include municipality and public comments, which were submitted, and your responses to those comments.

Stage 2 - Cleanup Plan/Report Submission

03/28/2025 Place date here that each municipality was notified of any plan or report submitted under any of the three remediation standards.

The Philadelphia Inquirer 03/28/2025 Place the newspaper name and date that your notice of your plan/report submission was published.

Section 4 - Project Contact

On the lines below, place the name, company, mailing addresses and business phone number of the individuals who can be contacted regarding this submission:

Consultant

Contact Person/Title: Jeff Smith/ Senior Associate

Phone Number 215-845-8919

Email Address jsmith@langan.com

Company Name: Langan Engineering and Environmental Services, LLC

Mailing Address (street, city, state, zip)

1818 Market Street, Suite 3300, Philadelphia, PA 19103

Remediator

Contact Person/Title: Anne R. Garr/Assistant Secretary

Phone Number 312-283-4469

Email Address agarr@hilcoglobal.com

Company Name: Bellwether District Holdings, LLC formerly known as Philadelphia Energy Solutions Refining and Marketing LLC

Mailing Address (street, city, state, zip)

111 South Wacker Drive, Suite 3000, Chicago, IL 60606

Other

Contact Person/Title: _____

Relationship to Site _____

(e.g. owner, participant in cleanup, responsible party, etc.)

Phone Number _____

Email Address _____

Company Name: _____

Mailing Address (street, city, state, zip)

_____

For DEP Use Only
PF #_____
Rem ID #_____

FINAL REPORT SUMMARY

The Final Report Summary (FRS) is a brief report consisting of set of data required in addition to the Act 2 Final Report. The summary is used in part as a reference to the Final Report Approval Letter which conveys liability relief to the remediator and other applicable persons. It is of value long after the remediation to be used by the public and Department in understanding key information about the site and remediation.

This use is increased by the fact that it will ultimately be merged into the Department's eFACTS system, which allows the public to have the ease of computer access to environmental information at sites. For more information, see www.ahs.dep.pa.gov/eFACTSWeb/default.aspx. Finally, the summary will be used by the Department to help to better assess the status and the level of success of the program. In the past, numbers of sites remediated has been tracked. With the inclusion of this summary information, progress can be tracked in many specific ways, including identification of individual chemical constituents, and the mass treated, removed or managed safely in place.

Identification

Property Name August 2022 River Road Release Area

Property Descriptor Former Philadelphia Energy Solutions Refinery

Address / Location

Address 3144 West Passyunk Avenue

City Philadelphia Zip Code 19145

Municipality(s)Philadelphia County(ies) Philadelphia

Latitude 39 º (deg). 55 ‘ (min) 9.89 “ (sec) Longitude 75 º (deg). 12 ‘ (min) 2.01 “ (sec)

Horizontal Collection Method Geographic Information Systems

Horizontal Reference Datum NAD83 Reference Point See attached Figure 1

Property Specifics

Size of Property 0.0029 acres Number of Sites 1

Combined acreage of sites 0.0029 acres

Remediation

Standards attained or special industrial area attainment. (Check all that apply. Can use multiple.)

☐ Background ☒ Statewide Health ☐ Site-Specific ☐ Special Industrial Area

Proposed future property use - scenario for which the attainment of Statewide Health standard is demonstrated

☐ Residential ☒ Non-residential

List of contaminants

Soils

Chemical Name	CAS Number	Mass Contaminant Treated or Removed (lbs.)	Mass Contaminant Managed on Site (lbs.)
See Table 1 - PADEP SWHS Selection, attached.			

Groundwater

Chemical Name	CAS Number	Mass Contaminant Treated or Removed (lbs.)	Mass Contaminant Managed on Site (lbs.)
N/A			

Remediation

Number of sampling rounds for groundwater attainment: N/A

Special Features

Non-use aquifer approval date: _____

Area-wide background approval date: _____

Amount of waste removed other than soil or groundwater (cubic yards): _____

☐ **Municipal ordinance prohibiting groundwater use:**

☐ **Post remediation care plan:**

Other Programs

☐ Key Site

☐ Multi-site Agreement; Date: _____

☐ Enterprise Zone

☒ Keystone Opportunity Zone

Administrative

☐ Municipality request for public involvement plan

Deed notification

☐ Deed acknowledgment:

☐ Environmental covenant:

Cleanup cost ($): $75,000

Jobs created/saved: Not Applicable

Narrative: Provide property history and description, site characterization findings, site description, summary of remediation, summary of attainment demonstration, description of pathway elimination, engineering and institutional controls, and benefits of land reuse, when applicable.

In August 2022, three Philadelphia Water Department (PWD) subsurface water line leaks occurred along River Road. One of the water leaks caused a breach in the bottom of an underground containment structure (UCS) along River Road. The UCS contained refinery piping which is no longer in use. During a subsequent excavation to investigate the water line leaks, stained soil was observed. Residual oil present in the UCS was believed to be the source of the stained soil. The site is part of a former oil refinery which is currently undergoing redevelopment. The intended future use of the property is commercial/industrial. A remedial investigation has been performed, which consisted of the collection of subsurface soil samples to determine if impacts above non-residential statewide health standards were present. Samples were tested for the Philadelphia Refinery Target Compound list agreed upon with the PADEP. The analytical results of the aforementioned subsurface soil samples did not reveal concentrations of COCs above applicable SWHSs. Thus, a contamination pathway does not exist and engineering and institutional controls are not applicable.

Remediator / Property Owner / Consultant. Complete the form below for *each* recipient obtaining a release of liability upon approval of the final report. Attach additional sheets as necessary.

Remediator

Contact Person/Title Anne R. Garr/Assistant Secretary
eFACTS Client ID* 51-33620

Relationship to Site Remediator/Property Owner
Client Type* Limited Liability Company
(e.g. owner, remediator, participant in cleanup, consultant, etc.)

Phone Number 312-283-4469
Email Address agarr@hilcoglobal.com

Company Name Bellwether District Holdings, LLC formerly known as Philadelphia Energy Solutions Refining and Marketing LLC
EIN or Federal ID #

Street Address 111 South Wacker Drive, Suite 3000

City Chicago
State IL
Zip Code 60606

Property Owner

Contact Person/Title Anne R. Garr/Assistant Secretary
eFACTS Client ID* 51-33620

Relationship to Site Remediator/Property Owner
Client Type* Limited Liability Company
(e.g. owner, remediator, participant in cleanup, consultant, etc.)

Phone Number 312-283-4469
Email Address agarr@hilcoglobal.com

Company Name Bellwether District Holdings, LLC formerly known as Philadelphia Energy Solutions Refining and Marketing LLC
EIN or Federal ID #

Street Address 111 South Wacker Drive, Suite 3000

City Chicago
State IL
Zip Code 60606

Consultant

Contact Person/Title Jeff Smith/Senior Associate
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Relationship to Site Consultant
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EIN or Federal ID #

Street Address 1818 Market Street, Suite 3300

City Philadelphia
State PA
Zip Code 19103

*Include eFACTS Client ID (if known) – "Client Types" below:

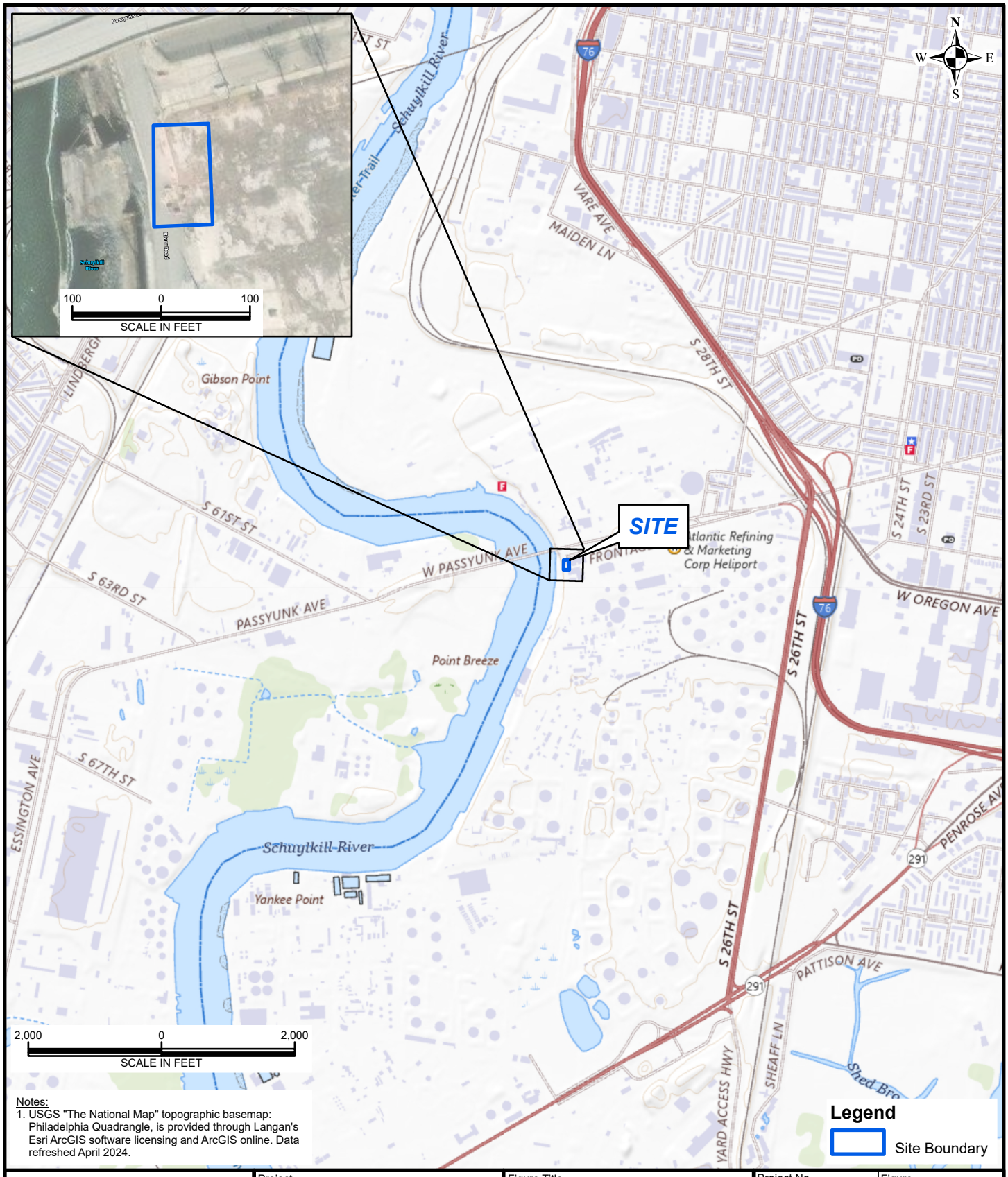
Association/Organization	Limited Liability Company	Partnership-General
Authority	Limited Liability Partnership	Partnership-Limited
County	Municipality	School District
Estate/Trust	Non-Pennsylvania Government	Sole Proprietorship
Federal Agency	Other (Non-Government)	State Agency
Individual	Pennsylvania Corporation	

Attachments: In addition to the data entered in this FRS, the Department requests scanned image(s) of a map view of the site indicating, at a minimum, the boundaries of the "site" relative to the locations of the adjacent property boundaries. The location of the site (as defined by Act 2) is that which will receive the liability relief conveyed by Act 2, Chapter 5. The maps may portray other features but should clearly show the Act 2 site boundaries. You may also attach other applicable image files or attachments. These files should be in Adobe Acrobat (*.pdf), GIF (*.gif) or JPEG file interchange format (*.jpg).

Table 1
Selection of Statewide Health Standards
Bellwether District Holdings, LLC.
Philadelphia, PA

Compound Name	PADEP Non-Residential Direct Contact 0-2 Ft	PADEP Non-Residential Direct Contact 2-15 Ft	PADEP Non-Residential Soil to Groundwater MSC Used Aquifer TDS <=2500 mg/l Unsaturated 100X MSC	PADEP Non-Residential Soil to Groundwater MSC Used Aquifer TDS <=2500 mg/l Unsaturated Generic Value
Benzene	280	330	**0.5**	0.13
1,2-Dibromoethane (EDB)	3.7	4.2	**0.005**	0.0012
1,2-Dichloroethane (EDC)	85	98	**0.5**	0.1
Ethylbenzene	880	1000	**70**	46
Isopropylbenzene	10000	10000	350	**2500**
Methyl Tertiary Butyl Ether (MTBE)	8500	9800	**2**	0.28
Naphthalene	66	77	10	**25**
Toluene	10000	10000	**100**	44
1,2,4-Trimethylbenzene	4700	5400	53	**300**
1,3,5-Trimethylbenzene	4700	5400	53	**93**
Xylenes (Total)	7900	9100	**1000**	990
Anthracene	190000	190000	6.6	**350**
Benzo(a)anthracene	130	190000	0.39	**340**
Benzo(a)pyrene	91	190000	0.02	**46**
Benzo(b)fluoranthene	76	190000	0.055	**610**
Benzo(g,h,i)perylene	190000	190000	0.026	**180**
Chrysene	760	190000	0.19	**230**
Fluorene	130000	190000	190	**3800**
Phenanthrene	190000	190000	110	**10000**
Pyrene	96000	190000	13	**2200**
Lead	1000	190000	0.5	**450**

Underline represents the Non-Residential Statewide Health Standards (SWHS) surface (0-2 feet) criteria used.
Bold represents the Non-Residential Statewide Health Standards (SWHS) subsurface (2-15 feet) criteria used.



Notes:
1. USGS "The National Map" topographic basemap: Philadelphia Quadrangle, is provided through Langan's Esri ArcGIS software licensing and ArcGIS online. Data refreshed April 2024.

LANGAN
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Project	Figure Title	Project No.	Figure
BELLWETHER DISTRICT REDEVELOPMENT 3144 WEST PASSYUNK AVENUE PHILADELPHIA PENNSYLVANIA	**AUGUST 2022 RIVER ROAD RELEASE AREA**	220181803 Date: 2/20/2025 Scale: 1"=2,000' Drawn By: JF	1

© 2025 Langan

Path: \\langan.com\data\PHL\data8\220181801\Project Data\ArcGIS\APRX\220181801\220181801.aprx Date: 2/20/2025 Time: 8:58 PM User: jfraser

COMBINED REMEDIAL INVESTIGATION/FINAL ACT 2 REPORT

RIVER ROAD RELEASE IN AUGUST 2022 AREA

BELLWETHER DISTRICT HOLDINGS, LLC
3144 West Passyunk Avenue,
Philadelphia, Pennsylvania

Prepared for:

Bellwether District Holdings, LLC
3144 West Passyunk Avenue
Philadelphia, PA 19145

Prepared by:

Langan Engineering and Environmental Services, LLC
1818 Market Street, Suite 3300
Philadelphia, PA 19103



Jason Hanna, CHMM
Principal/ Vice President



Jeffrey A. Smith, P.G.
Senior Associate
Pennsylvania P.G. No. PG002755G

April 7, 2025
220181803

LANGAN

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1.0 INTRODUCTION

Langan Engineering and Environmental Services, LLC (Langan) has prepared this Act 2 Final Report (Final Report) on behalf of the site owner, Bellwether District Holdings, LLC (BDH), formerly known as Philadelphia Energy Solutions Refining and Marketing (PESRM) LLC, for a specific release that occurred in August 2022. The release was field-evident at a distinct localized area of soil (the "Subject Site") on River Road at the former refinery site located at 3144 West Passyunk Avenue in Philadelphia, Pennsylvania (the "Facility"). Refinery operations at the Facility ceased in 2019. At the time of this reporting, portions of the Facility are undergoing redevelopment. Also, ongoing remediation activities are being conducted at the Facility under the Land Recycling and Environmental Standards Act, the Act of May 19, 1995, P.L. 4, No. 2 (Act 2) by both BDH and Evergreen Resources Group, LLC (Evergreen)[1] in accordance with the 2012 Buyer-Seller Agreement and the 2020 First Amendment to that Agreement.

In August 2022, at least three leaks occurred along River Road from Philadelphia Water Department (PWD) subsurface water lines. The water leaks caused a breach in the bottom of an unused underground containment structure (UCS) associated with the former refinery and located along River Road. The UCS contained refinery piping which is no longer in use. The breach in the UCS caused water to flood the UCS resulting in an oil/water discharge to the Schuylkill River through an at-grade access point of the UCS, beneath the Passyunk Avenue Bridge, on August 21, 2022. National Response Center Report #1345154 was issued for the sheen on the Schuylkill River. Various remedial activities were completed in and along the Schuylkill River. The United States Coast Guard, Pennsylvania Department of Environmental Protection (PADEP), Evergreen, and BDH conducted a final review of the impacted areas and determined that the clean-up associated with the discharged to the river was complete on September 20, 2022.

To investigate the water main leaks and the breach of the UCS, an approximately 10-foot by 20-foot portion of River Road was excavated by NorthStar Contracting Group, Inc. on behalf of BDH. The excavation exposed the UCS and a parallel utility tunnel, located approximately 10 feet east of the UCS. The top of the UCS and utility tunnel were removed. Stained soil was observed within this area by BDH's environmental consultant, Ransom Consulting, LLC (Ransom), in

[1] Philadelphia Refinery Operations, a series of Evergreen Resources Group, LLC ("Evergreen") is managing the legacy remedial work for Sunoco (R&M), LLC. For clarity, Sunoco, Inc. n/k/a ETC Sunoco Holdings LLC, Sunoco, Inc. (R&M) f/k/a Sunoco (R&M), LLC n/k/a Energy Transfer (R&M), LLC effective 4/19/2021 and Evergreen shall be referred to collectively as "Evergreen" in this Report.

December 2022. Residual oil present in the UCS was believed to be the source of the stained soil observed in the excavated area. Ransom did not observe a separate phase product in the excavation. BDH subsequently engaged Langan to characterize soil conditions and determine the presence/absence of a release of regulated substances to the environment at the Subject Site. Langan's investigation is described in more detail in Section 3.0 of this report. A Site Location Map depicting the Facility boundary is provided as **Figure 1**. A map depicting the Subject Site, UCS, and utility tunnel is provided as **Figure 2**.

1.1 Objectives

The purpose of this report is (1) to document a specific local release to soils, the related site characterization, and demonstration of attainment of the Non-Residential Statewide Health Standard (SWHS) and (2) to obtain a release of liability for soil from the Pennsylvania Department of Environmental Protection (PADEP) under the provisions of Pennsylvania Act 2 Program. Based on the results of the remedial investigation and characterization of soils, attainment of the non-residential SWHS in soil has been demonstrated. The data and conclusions supporting the final Act 2 demonstration of attainment of SWHS are further detailed throughout this report.

1.2 Report Organization

This Final Report is organized into the following sections:

Section 1.0 – Introduction
Section 2.0 – Site Description
Section 3.0 – Overview of the Release and Investigation
Section 4.0 – Attainment Sampling
Section 5.0 – Conceptual Site Model
Section 6.0 – Exposure Pathway Assessment and Receptor Evaluation
Section 7.0 – Demonstration of Attainment
Section 8.0 – Public Notification
Section 9.0 – Signatures
Section 10.0 – References

2.0 SITE DESCRIPTION

This section describes the Subject Site, physical features within its vicinity, and provides Facility ownership and operational information. A Site Location Map based on the United States Geological Survey Philadelphia Quadrangle (April 2024) is provided as **Figure 1**, and a Subject Site Map using Nearmap imagery (June 16, 2024) is provided as **Figure 2**.

2.1 Location of Subject Site

The Subject Site is located approximately 120-feet south of Frontage Road. The Subject Site is located at the following geographic coordinates: N 39° 55' 9.89382", W 75° 12' 2.01573". The Subject Site area is depicted on **Figure 2**.

2.2 Past Operations

The Facility was first used for petroleum-related operations as far back as 1866. The Facility produced mainly transportation fuels such as gasoline and diesel fuel, as well as heating fuels, until operations ceased in June 2019. The Subject Site is in the former Main Office and Quality Lab area and is also located within the portion of the Facility designated by Evergreen as Area of Interest 2 (AOI 2), the Point Breeze Processing Area. AOI 2 was used for petroleum product processing, storage, and contained active docks for loading and offloading refined petroleum products. AOI 2 encompasses approximately 111 acres.

Groundwater and soil impacts related to past Facility operations are being addressed separately under the larger Facility-wide efforts by Evergreen.

2.3 Physical Setting

This section details the physical setting and hydrogeological characteristics of the Subject Site and the surrounding portions of the Facility.

2.3.1 Topography and Drainage

Ground surface elevation at the Subject Site at the time of the release was relatively flat as it is developed with a roadway. The approximate elevation is 20 feet above mean sea level (ASML). The closest surface water feature is the Schuylkill River, which is located approximately 115 feet west of the Subject Site. The Schuylkill River flows north to south.

Based on review of historical maps and publicly available reporting through the Evergreen website[2], much of the land area occupied by the former PESRM oil refinery Facility was formerly tidal marsh and lowlands of the Schuylkill River.

2.3.2 Site Geology and Hydrogeology

Langan reviewed previous Facility-specific data and state and federal databases to describe the geologic conditions at the Facility and in the vicinity of the Subject Site. Facility-specific geology, as reported in Evergreen's July 2017 Remedial Investigation Report for AOI 2, consists of several units from shallow to deep: recent anthropogenic fill and alluvium, Trenton Gravel, Middle/Lower Clay, Farrington Sand Unit, and the Wissahickon Formation (bedrock). The Middle/Lower Clay separates the shallow and deeper aquifers. Historical investigations conducted at the Facility have primarily focused on two saturated zones, including shallow groundwater (occurring within the Trenton Gravel/alluvium unit) and deep groundwater (occurring within the Farrington Sand unit). The Farrington Sand unit consists of green, brown, orange and/or red, fine gravel and coarse sand that grades upward into medium to fine sands and contains thin layers of silts and clays. The Middle/Lower Clay ranges in thickness from 5 to 65 feet and the Farrington Sand ranges in thickness from 10 to 70 feet across the Facility.

Shallow groundwater in the vicinity of the Subject Site first occurs in the Trenton Gravel and anthropogenic fill and alluvium and flows to the southwest towards the Schuylkill River. Local groundwater flow conditions vary across the Facility and are influenced by active fluids recovery systems, bulkheads along the Schuylkill River, and tidal influences of the Schuylkill River marshes and creeks.

Multiple groundwater gauging events were conducted in AOI 2, including in the vicinity of the Subject Site, in 2016 and 2023. Figures 7 and 8 of the Evergreen July 2017 RIR for AOI 2 depict groundwater elevations of the AOI 2 area in August and October of 2016. Figure 4 of the July 27, 2023, Groundwater Remediation Status Report by Evergreen depicts groundwater elevations in the area in April/May of 2023. The combined Figures referenced above are included in **Appendix B**. Review of the groundwater contours

[2] Evergreen Resources Group, LLC (Evergreen). (2024). *Philadelphia Refinery Legacy Remediation. https://phillyrefinerycleanup.info/.*

depicted on each of these figures show groundwater elevations in the vicinity of the Subject Site to be approximately 1 to 2-feet ASML in August 2016, 3.6-feet ASML in October 2016, and 2.7-feet ASML in April/May 2023. As previously noted, the approximate ground surface elevation in the Subject Site is 20 feet ASML.

3.0 OVERVIEW OF THE RELEASE AND INVESTIGATION/RESPONSE ACTIONS

As summarized in the Section 1.0 of this report, the water line breaks in August 2022 may have caused petroleum products contained within the UCS to have been released to soil immediately surrounding the area where the PWD main break occurred (the Utility Tunnel). Langan completed site characterization to determine if a release of regulated substances had occurred at the Subject Site and whether response actions were warranted. Our site characterization activities are described below.

Geophysical Survey – April and May 2024

A geophysical survey was conducted by TPI Environmental (TPI) and Summit Drilling (Summit) on April 15 and May 1, 2024, at the Subject Site to map existing underground utilities and to clear proposed boring locations to avoid underground utilities and subsurface obstructions prior to invasive drilling. Copies of the Summit Drilling Geophysical Investigation report with an accompanying Langan photo log are included in **Appendix C**. A map depicting underground utilities revealed by the geophysical report is included as **Figure 2.**

Soil Boring Investigation – May 2024

On May 3, 2024, Langan advanced seven soil borings (PWD_SOIL1 through PWD_SOIL7) to depths of up to 25 feet below ground surface (bgs) at the Subject Site. Soil samples were collected from the 6-inch depth interval representing the highest PID reading or the greatest visual indication of impact (i.e., staining), if observed. If no indication of impact was observed based on PID screening, visual or olfactory observations, a sample was collected from the depth interval immediately below the inferred bottom of the UCS. Langan advanced the following soil borings:

Sample ID	Location	Boring Depth (feet bgs)	Sample Depth (feet bgs)	Max PID Reading Observed (PPM)	Notes

240503_PWD_SOIL1	PWD_SOIL_1	Refusal at 3.0[3]	No sample collected due to refusal	N/A	
240503_PWD_SOIL2	PWD_SOIL_2				
240503_PWD_SOIL3	PWD_SOIL_3				
240503_PWD_SOIL4	PWD_SOIL_4	25	6.0-6.5	0.0	Evidence of impacts (i.e., PID readings, odors, or staining was not observed. As such, samples were collected from the inferred bottom of the UCS, which was encountered at the same elevation of the fill and native soils contact.
240503_PWD_SOIL5	PWD_SOIL_5	25	6.0-6.5	0.0	
240503_PWD_SOIL6	PWD_SOIL_6	25	6.0-6.5	0.0	
240503_PWD_SOIL7	PWD_SOIL_7	25	6.0-6.5	0.0	

The soil samples were submitted to Eurofins Environment Testing Laboratories (Eurofins) in Lancaster, Pennsylvania (Cert No. 36-00037) for analysis of the Philadelphia Refinery Target Compound List for VOCs by USEPA Method 8260 and EDB by 8011, Semi-Volatile Organic Compounds (SVOCs) by USEPA Method 8270, and lead by USEPA Method 6010. A copy of the Philadelphia Refinery Target Compound List is provided as **Table 1**. Soil boring logs for 240503_PWD_SOIL1 through 240503_PWD_SOIL3 were not prepared as these boring locations hit soft-dig refusal at 3 feet bgs, preventing the use of a drill rig and collection of soil boring macro-cores.

Soil boring and photo logs from the May 2024 sampling event are included in **Appendix C**. A map showing the locations of the May borings is included as **Figure 3**.

Groundwater Investigation – May 2024

On May 2, 2024, Langan installed one temporary well point (240502_TW1) to a depth of 15 feet bgs. The temporary well was screened from the 5 to 15-foot depth interval. Langan returned on May 3, 2024, to gauge the temporary well point. No groundwater was encountered; therefore, no groundwater sample was collected. A soil boring log for 240502_TW1 is included in **Appendix C**. The location of 240502_TW1 is depicted on **Figure 3**.

[3] Borings PWD_SOIL_1 through PWD_SOIL_3 could not be relocated on the western side of the UCS and utility tunnel due to the extensive subsurface features, as shown on Figure 3.

Supplemental Soil Boring Investigation – August 2024

On August 15, 2024, Langan collected additional soil samples (20240816_UCS_INT-1, 20240816_UCS_INT-2, and 20240816_UCS_INT-3) from the excavation area. These samples were collected to supplement the May 2024 sampling data and obtain additional data for locations as near as practical to the inferred origin of release. The soil samples were collected from soil within the existing open excavation area and were biased to areas of suspected impacts (i.e., staining, PID readings, odors), where observed.

20240816_UCS_INT-1 was collected from 7.5 to 8.0 feet bgs, from a discrete location of stained soil along the western sidewall of the Utility Tunnel, beneath a brick wall associated with the western adjoining UCS. PID readings of the soil in this discrete location were 14.6 ppm. 20240816_UCS_INT-2 was collected from 6.5 to 7.0 feet bgs, from below a pipe extending along the western side of the Utility Tunnel. The pipe run was previously identified by Ransom as a discrete location with a sheen on the soil surface. PID readings of the soil in this discrete location were 1.2 ppm. 20240816_UCS_INT-3 was collected from 7.5 to 8.0 feet bgs, from a discrete location of observed staining in the bottom of the Utility Tunnel. PID reading of the soil in this discrete location was 17 ppm.

The samples were submitted to Eurofins in Lancaster, Pennsylvania (Cert No. 36-00037) for analysis of the Philadelphia Refinery Target Compound List for VOCs by USEPA Method 8260 and EDB by 8011, SVOCs by USEPA Method 8270, and lead by USEPA Method 6010. A copy of the Philadelphia Refinery Target Compound List is provided as **Table 1**.

Photo logs from the August 2024 sampling event are included in **Appendix C**. A map showing the locations of the August samples is included as **Figure 3**.

4.0 ATTAINMENT SAMPLING

The results of the analyzed soil samples described in Section 3.0 demonstrate attainment of the non-residential SWHS at the Subject Site. These soil attainment sampling activities were completed in accordance with Act 2 and the Land Recycling Program Technical Guidance Manual, dated January 2019, as amended March 26, 2021 (TGM). The ensuing sections summarize the selection of the appropriate remediation standards based on land use, the sample analytical results, and associated quality assurance/quality control (QA/QC) measures.

4.1 Selection of Statewide Health Standards

Soil analytical results for samples collected on May 3 and August 15, 2024, were compared to the current PADEP non-residential SWHS based on the current and anticipated Subject Site use which is industrial. In accordance with the methodology described in Chapter 250 §305 for soil, Langan selected the appropriate Medium Specific Concentrations (MSCs) for each constituent that was analyzed. As a part of the larger, ongoing Act 2 remediation at the Facility, Evergreen, the United States Environmental Protection Agency (USEPA) and the PADEP have developed a specific target list of regulated substances that was considered by remedial decision-making. A copy of the Philadelphia Refinery Target Compound List and Associated Act 2 Soil Cleanup Standards is provided in **Table 1**. The soil analytical results discussed in this report were compared to the following:

- PADEP non-residential direct contact (0-2 feet below ground surface [ft bgs]) MSCs as published in the second and third MSC column of Chapter 250, Appendix A, Tables 3a (organics) and 4a (inorganics).
- PADEP non-residential direct contact (2-15 ft bgs) MSCs as published in the second and third MSC column of Chapter 250, Appendix A, Tables 3a (organics) and 4a (inorganics).
- PADEP non-residential Soil-to-Groundwater MSCs for a Used Aquifer (Total Dissolved Solids (TDS) < 2,500 milligrams per liter [mg/L]), which is the higher of the 100x Groundwater and Generic Soil-to-Groundwater MSCs as published in the third and fourth MSC columns of Chapter 250, Appendix A, Tables 3b (organics) and 4b (inorganics).
- PADEP Act 2 Non-residential SWHS Vapor Intrusion Screening Values for soil.

As an initial screening, soil analytical results were compared to both the direct contact and soil-to-groundwater MSCs. Soil samples were collected above 15 ft bgs, therefore, both direct contact and soil-to-groundwater MSCs were initially considered as applicable standards. After the initial screening, the more stringent (lower value) of the direct contact and soil-to-groundwater MSCs were selected as the appropriate "non-residential SWHS" comparison criterion for each petroleum compound analyzed. **Table 2** provides a comparison of the selected SWHS values for the May 3 and August 14, 2024, soil samples. Soil sample analytical results for demonstrating attainment of the selected non-residential SWHS are discussed in the next section.

4.2 Attainment Sampling Results

The soil analytical results were screened against the applicable non-residential MSCs. The soil

sample analytical results are summarized on **Table 2**. A summary of the analytical results findings is provided below:

- VOCs from the Philadelphia Refinery Target Compound List were not detected at concentrations above the non-residential MSCs.
- SVOCs from the Philadelphia Refinery Target Compound List were not detected at concentrations above the non-residential MSCs.
- Lead was not detected at concentrations above the non-residential MSCs.

4.3 Soil Sample Vapor Intrusion Evaluation

The soil sample results were compared to the applicable PADEP Act 2 Non-residential SWHS Vapor Intrusion Screening Values for soil. The soil sample analytical results are summarized on **Table 3.**

- VOCs from the Philadelphia Refinery Target Compound List were not detected at concentrations above the non-residential SWHS Vapor Intrusion Screening Values.

4.4 Quality Assurance and Quality Control

Quality assurance/quality control (QA/QC) measures were taken, and samples were collected during the characterization activities in a manner to assure data of sufficient quality and usability. Quality assurance/quality control measures included equipment decontamination and calibration, sample preservation, chain of custody documentation, and data usability review and assessment. The QA/QC analytical measures included the collection and analysis of duplicate samples and field blanks:

- A duplicate sample was collected during the May 3, 2024, soil sampling event. The duplicate sample results are included in **Table 2** and **Table 3**. Duplicate samples were collected at a rate of at least 1 per 20 field samples. Duplicate results were similar to the parent sample results, indicating good laboratory performance.
- Field blank samples were collected during both soil sampling events by pouring laboratory-provided deionized water over a decontaminated sampling apparatus directly into the appropriate laboratory-supplied bottles. The results of the field blank samples are included in **Table 4**. Field blanks were non-detect for the targeted constituents included in the Philadelphia Refinery Target Compound List.

4.4.1 Equipment Decontamination and Calibration

The equipment used to collect field measurements, such as the PIDs, were calibrated in the field before use each day following the manufacturer's instructions. All non-dedicated sampling equipment was decontaminated during sampling prior to and after its use to prevent potential for cross-contamination. The sampling equipment utilized for sample collection included stainless steel hand trowels. Equipment was decontaminated between use and at the start of each day using a three-step wash. The decontamination procedure included scrubbing the equipment vigorously with a solution of laboratory-grade detergent and tap water, then rinsing the equipment with tap water followed by a final deionized water rinse.

4.4.2 Laboratory Quality Assurance/Quality Control

The analytical laboratory furnished complete written reports for all soil analytical results to document quality control. Analyses were performed using USEPA or PADEP-approved methodologies. Laboratory data qualifications are summarized in the conformance summaries included with the laboratory deliverable packages, which are provided in **Appendix D**. Specific laboratory analytical qualifiers are included in the data tables next to the respective sample results. Laboratory analytical data have been summarized and are presented in **Table 2, Table 3,** and **Table 4**.

4.4.3 Documentation

Chain-of-custody protocol was maintained throughout the sampling program. A chain-of-custody form accompanied all samples from the field to the laboratory. The chain-of-custody also documented the specific analytical methods and reporting for each sample. Copies of the chains-of-custody are included with the laboratory analytical data packages provided in **Appendix D**.

4.4.4 Data Usability Assessment

A Data Usability Assessment (DUA) was completed by Langan's internal Data Validation team and as guided by 25 Pa. Code § 250.701. The data for both the May 3, 2024, and the August 15, 2024, sampling is considered of sufficient quality and usable, as qualified. In addition, completeness, defined as the percentage of analytical results that are judged to be valid, is 100%. The required spreadsheets and memorandum detailing the validation

outcome for the DUA are included in **Appendix D**.

5.0 CONCEPTUAL SITE MODEL

The Conceptual Site Model describes physical site conditions (e.g., geology and hydrogeology), the nature and extent of the release and effects, and consideration of sources and potential exposure pathways. The physical setting of the Facility is described in more detail in Section 2.3 above.

5.1 Release, Migration Path, and Nature and Extent of Impacts

Section 1.0 presents the release mechanism, migration path, and nature and extent of the release event. The release involved an unknown amount of a water and petroleum mixture associated with water main breaks on River Road. The extent of the release was limited and restricted by topography and subsurface features. The Subject Site Map is provided as **Figure 2**.

As noted in previous sections, the release area was investigated by Ransom in December 2022, and by Langan in May and August 2024. The sample results confirm that soil analytical results for samples from within the Subject Site support a demonstration of attainment of the non-residential SWHS.

6.0 EXPOSURE PATHWAY ASSESSMENT AND RECEPTOR EVALUATION

The following discussion provides a summary of an exposure pathway assessment performed to determine if complete exposure pathways may exist between known Subject Site constituents of concern and identified potential receptors.

The source of the stained soils within the excavated portion of River Road was not evident during excavation activities, as observed by Ransom. However, stained soil may have been the result of a former release from the product lines present in the UCS exacerbated by the ruptured underground water main located in the adjacent Utility Tunnel. Additionally, Ransom noted the western wall of the UCS appeared to be in good condition; therefore, oil which may have been present in the UCS did not appear to have a direct pathway to native soils or the adjacent Schuylkill River.

During Langan's investigation, stained soils were limited to the excavated portion of River Road in discrete areas. Potential exposure and/or pathway concerns to sensitive receptors does not appear likely based on field observations, the limited amount of residual petroleum noted, and the soil analytical results of Langan's sampling events.

6.1 Potential Human Receptors and Exposure Pathways

Because the soil sample analytical results for the Subject Site demonstrate attainment of non-residential soil MSCs, potential human health exposures related to the release for the Subject Site are not a concern.

6.2 Potential Ecological Receptors and Exposure Pathways

Langan completed an evaluation of potential ecological receptors in accordance with 25 Pa. Code § 250.311. As a first step, Langan determined whether potential ecological receptors are present at the Subject Site. The PADEP defines applicable ecological receptors as:

a) Individuals of threatened or endangered species as designated by the United States Fish and Wildlife Service (US FWS) under the Endangered Species Act (16 U.S.C.A. § § 1531—1544).

   Langan completed a search of the Pennsylvania Natural Heritage Program (PNHP) inventory of threatened and endangered species and species of special concern which involves records via the Pennsylvania Natural Diversity Inventory (PNDI) database of rare and threatened species in Pennsylvania. PNHP compiles records retained by three state governmental agencies, including the Pennsylvania Game Commission (PGC), the Pennsylvania Department of Conservation and Natural Resources (DCNR), and the Pennsylvania Fish and Boat Commission (PFBC).

   Based on the PHNP map, no PGC, PFBC or DCNR threatened or endangered species or species of special concern are mapped on or adjacent to the Subject Site.

b) Exceptional value wetlands as defined in § 105.17 (relating to wetlands).

According to the United States Fish and Wildlife Service (USFWS) National Wetlands Inventory mapping application, wetlands are not located at the Subject Site. The USFWS National Wetlands Inventory map is included as part of Appendix E. Wetlands are not potentially affected by the Subject Site.

c) Habitats of concern.

The PNHP map also includes Natural Heritage Areas, which are core habitats and supporting landscapes for species of special concern. Natural Heritage Areas are not mapped on or adjacent to the Subject Site. According to the DCNR Conservation Planning Report, which is included as part of **Appendix E**, supporting landscape areas were not identified on the Subject Site. No additional conservation planning areas of interest were identified.

Copies of the USFWS national wetlands map, the PNHP map and the DCNR Conservation Planning Report are included as **Appendix E**.

Further ecological evaluation is not warranted for the Subject Site pursuant to Title 25, Chapter 250, Section 311(b) because the following information supports this determination:

- No PGC, PFBC or DCNR threatened or endangered species or species of special concern are mapped on or adjacent to the Subject Site.
- Wetlands are not located at the Subject Site.
- Natural Heritage Areas, landscaped areas, or conservation planning areas of interest are not mapped or identified on or adjacent to the Subject Site.
- The release area encompasses less than two acres and currently consists of impervious surfaces such as paved roads and concrete building foundations which eliminates potential exposure pathways.

7.0 DEMONSTRATION OF ATTAINMENT

As presented in Section 4.0 and 4.2, the soil analytical results for the samples collected at the Subject Site in May and August 2024, support a demonstration of attainment of the non-residential SWHS (Soil MSCs) for Philadelphia Refinery Target Compound List of constituents.

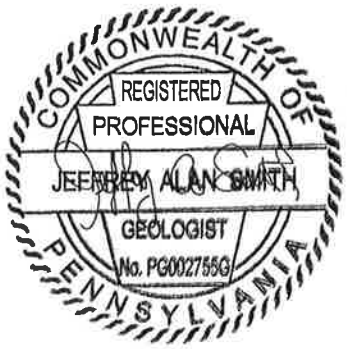
The collected samples were biased towards areas of elevated PID readings, visual surface staining, current field conditions and effectively represent the expected vertical and horizontal extent of potential impacts associated with the River Road release area.

8.0 PUBLIC NOTICE

The public was notified of the submission of a NIR by publication of a notice in the February 14, 2025, issue of the Philadelphia Inquirer. The public was notified of the Final Report submission by publication of a notice in the April 2, 2025 issue of the Philadelphia Inquirer. The City of Philadelphia was notified of BDH's submission of a NIR by certified letter dated and sent on February 12, 2025, and the submission of the Final Report by certified letter dated and sent March 28, 2025. A copy of the letter sent to the city and the proof of publication are included in Appendix A, with the full NIR submission and the Final Report publication.

9.0 SIGNATURES

By affixing my seal to this letter, I am certifying that the information within the report is true and correct. I further certify I am licensed to practice in the Commonwealth of Pennsylvania and that it is within my professional expertise to verify the correctness of the information.



Jeffrey A. Smith, P.G.
Senior Associate
Pennsylvania P.G. No. PG002755G

10.0 REFERENCES

Pennsylvania Department of Conservation and Natural Resources (PA DCNR). Bureau of Topographic and Geologic Survey. Pennsylvania Groundwater Information System. http://www.dcnr.pa.gov/Conservation/Water/Groundwater/PAGroundwaterInformationSystem/Pages/default.aspx.

Pennsylvania Department of Environmental Protection (PADEP). 2002. Pennsylvania's Land Recycling Program Technical Guidance Manual, Document # 253-0300-100.

PADEP. eMapPA. http://www.depgis.state.pa.us/emappa/.

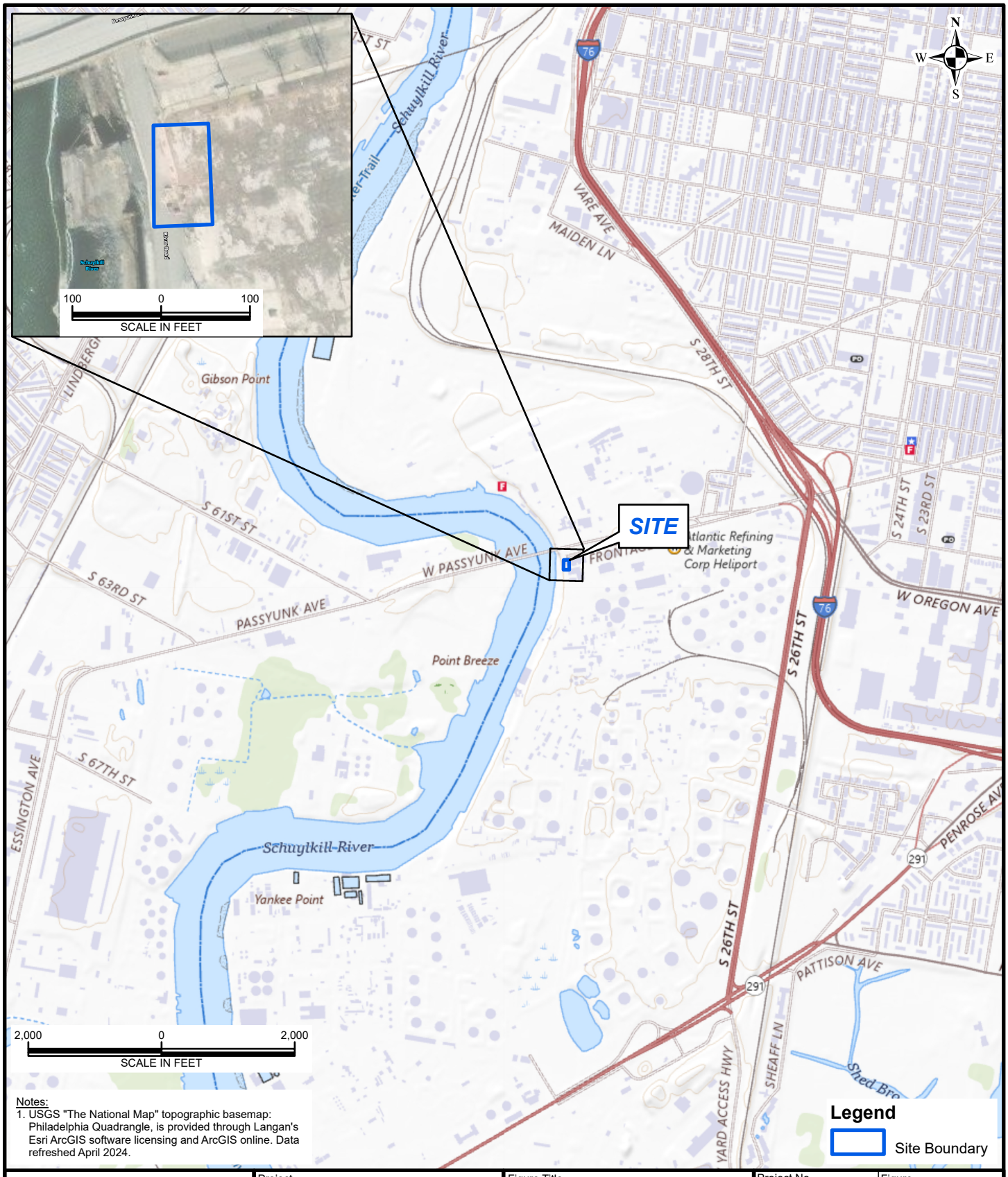
Pennsylvania Land Recycling and Environmental Remediation Standards Act (Act 2). 2001. 25 Pa. Code Chapter 250.

PNHP Pennsylvania Conservation Explorer – Conservation Planning and PNDI Environmental Review, https://conservationexplorer.dcnr.pa.gov/.

U.S. Department of Agriculture. Natural Resources Conservation Service (NRCS). National Cooperative Soil Survey. Web Soil Survey. https://websoilsurvey.sc.egov.usda.gov/App/HomePage.htm

US Fish & Wildlife Service. National Wetlands Inventory. http://www.fws.gov/wetlands/Data/Mapper.html

Langan Engineering and Environmental Services, Inc. Remedial Investigation Report, Area of Interest 2. Philadelphia Refinery Operations, a series of Evergreen Resources Group, LLC. July 20, 2017.



Notes:
1. USGS "The National Map" topographic basemap: Philadelphia Quadrangle, is provided through Langan's Esri ArcGIS software licensing and ArcGIS online. Data refreshed April 2024.

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Project	Figure Title	Project No.	Figure
BELLWETHER DISTRICT REDEVELOPMENT 3144 WEST PASSYUNK AVENUE PHILADELPHIA PENNSYLVANIA	**AUGUST 2022 RIVER ROAD RELEASE AREA**	220181803 Date: 2/20/2025 Scale: 1"=2,000' Drawn By: JF	1

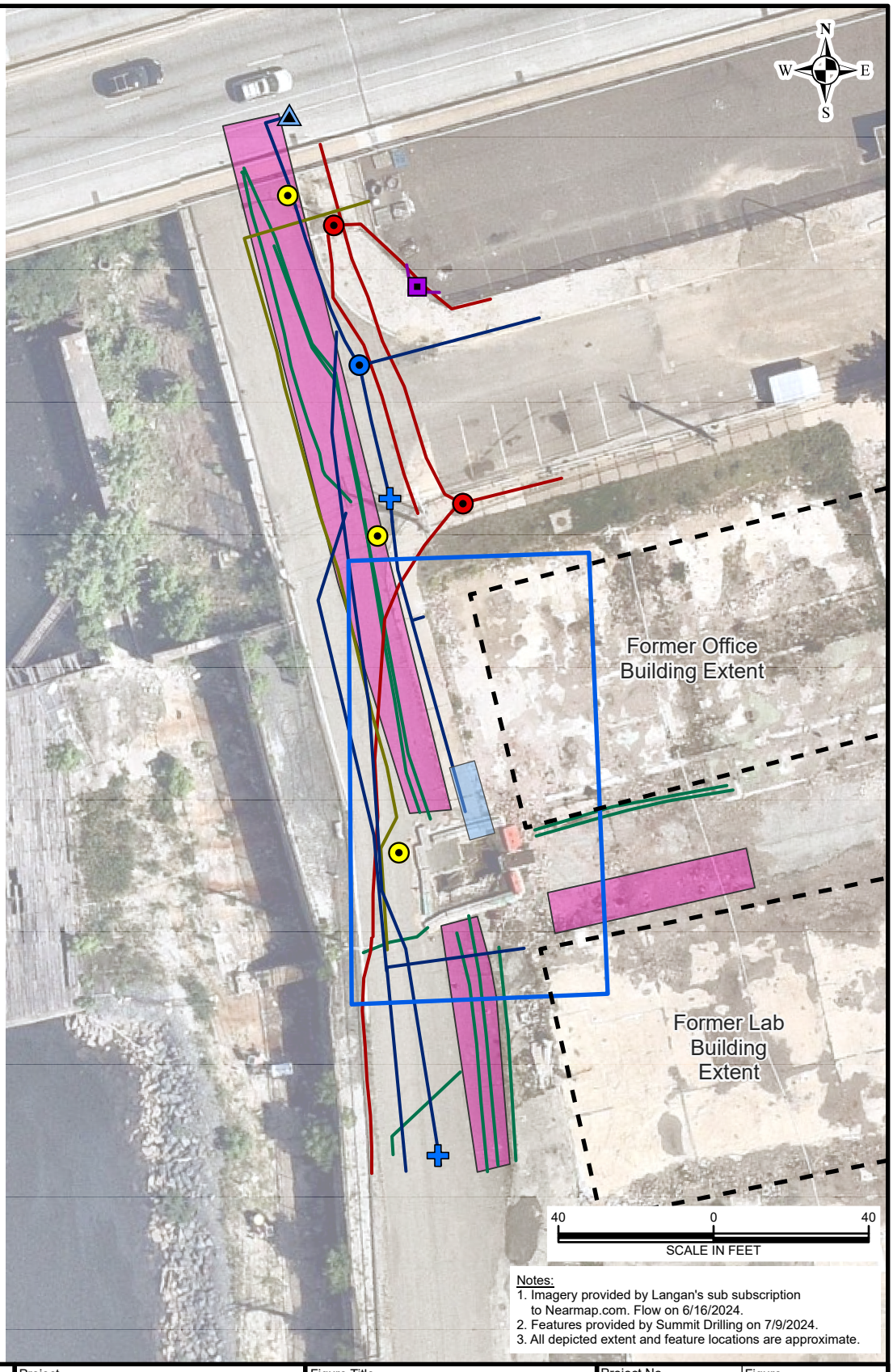
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Legend

- Storm Grate
- Unknown Manhole
- Electric Manhole
- Water Manhole
- Hydrant
- Water Valve
- Linear Pipe-Style Anomaly
- Electric Line
- Natural Gas Line
- Water Line
- Storm Sewer
- Subject Site
- Former Lab/Office Building Extents
- Known Extent of Utility Tunnel
- UCS



Notes:
1. Imagery provided by Langan's sub subscription to Nearmap.com. Flow on 6/16/2024.
2. Features provided by Summit Drilling on 7/9/2024.
3. All depicted extent and feature locations are approximate.

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BELLWETHER DISTRICT HOLDINGS, LLC

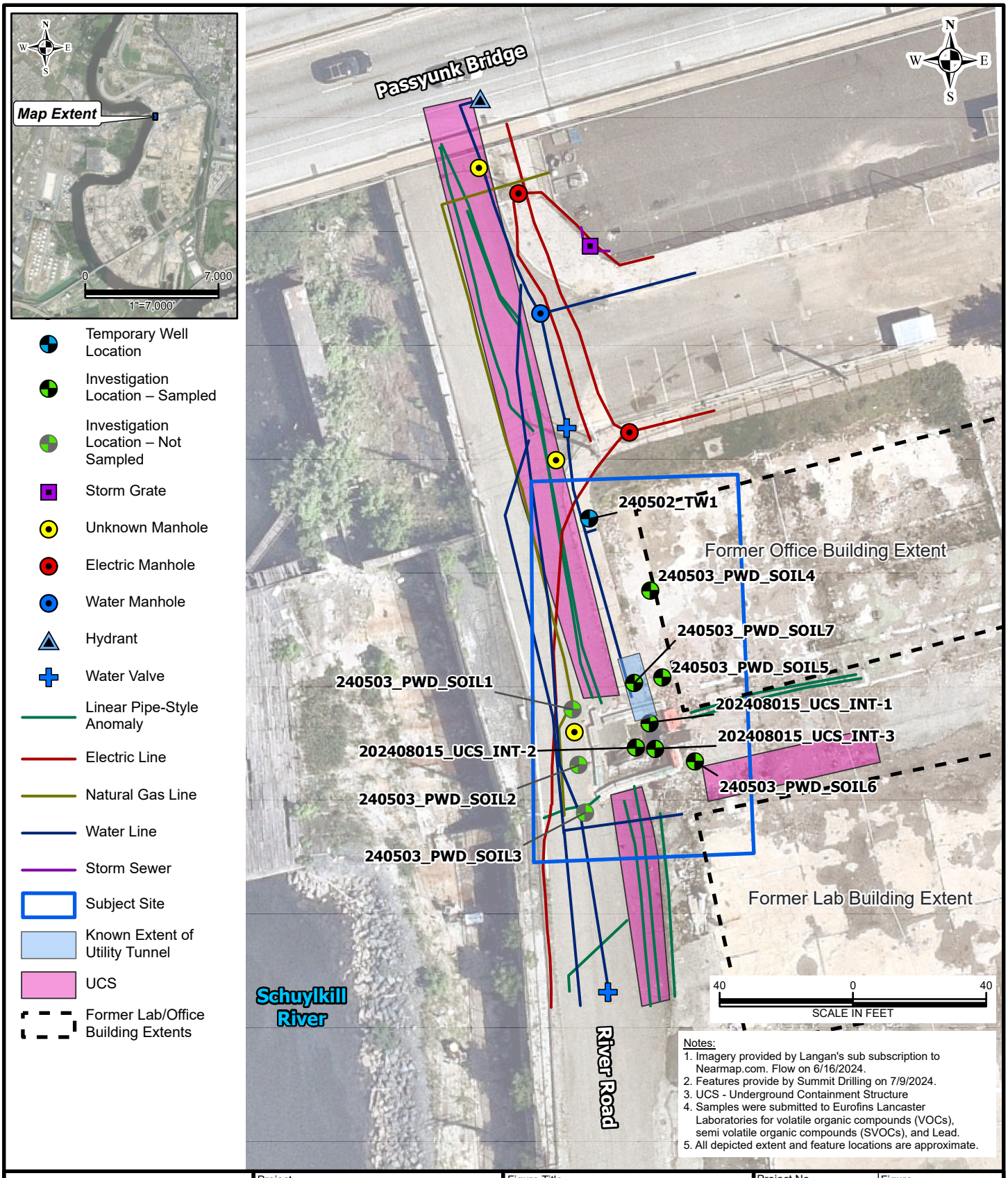
PHILADELPHIA

PHILADELPHIA COUNTY PENNSYLVANIA

Figure Title
SUBJECT SITE MAP

Project No.	Figure
220181803	2
Date: 3/6/2025	
Scale: 1"=40'	
Drawn By: JF	

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Notes:
1. Imagery provided by Langan's sub subscription to Nearmap.com. Flow on 6/16/2024.
2. Features provide by Summit Drilling on 7/9/2024.
3. UCS - Underground Containment Structure
4. Samples were submitted to Eurofins Lancaster Laboratories for volatile organic compounds (VOCs), semi volatile organic compounds (SVOCs), and Lead.
5. All depicted extent and feature locations are approximate.

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BELLWETHER DISTRICT HOLDINGS, LLC
PHILADELPHIA
PHILADELPHIA COUNTY PENNSYLVANIA

Figure Title
SOIL BORING LOCATION MAP

Project No.	Figure
220181803	3
Date: 3/6/2025	
Scale: 1"=40'	
Drawn By: JF	

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Table 1
Selection of Statewide Health Standards
Bellwether District Holdings, LLC.
Philadelphia, PA

Compound Name	PADEP Non-Residential Direct Contact 0-2 Ft	PADEP Non-Residential Direct Contact 2-15 Ft	PADEP Non-Residential Soil to Groundwater MSC Used Aquifer TDS <=2500 mg/l Unsaturated 100X MSC	PADEP Non-Residential Soil to Groundwater MSC Used Aquifer TDS <=2500 mg/l Unsaturated Generic Value
Benzene	280	330	**0.5**	0.13
1,2-Dibromoethane (EDB)	3.7	4.2	**0.005**	0.0012
1,2-Dichloroethane (EDC)	85	98	**0.5**	0.1
Ethylbenzene	880	1000	**70**	46
Isopropylbenzene	10000	10000	350	**2500**
Methyl Tertiary Butyl Ether (MTBE)	8500	9800	**2**	0.28
Naphthalene	66	77	10	**25**
Toluene	10000	10000	**100**	44
1,2,4-Trimethylbenzene	4700	5400	53	**300**
1,3,5-Trimethylbenzene	4700	5400	53	**93**
Xylenes (Total)	7900	9100	**1000**	990
Anthracene	190000	190000	6.6	**350**
Benzo(a)anthracene	130	190000	0.39	**340**
Benzo(a)pyrene	91	190000	0.02	**46**
Benzo(b)fluoranthene	76	190000	0.055	**610**
Benzo(g,h,i)perylene	190000	190000	0.026	**180**
Chrysene	760	190000	0.19	**230**
Fluorene	130000	190000	190	**3800**
Phenanthrene	190000	190000	110	**10000**
Pyrene	96000	190000	13	**2200**
Lead	1000	190000	0.5	**450**

Underline represents the Non-Residential Statewide Health Standards (SWHS) surface (0-2 feet) criteria used.
Bold represents the Non-Residential Statewide Health Standards (SWHS) subsurface (2-15 feet) criteria used.

Table 2
Summary of May and August Soil Sample Analytical Results
River Road Release Area
Bellwether District Holdings, LLC
Langan Project.: 220181803

Analyte	CAS Number	PADEP Non-Residential Direct Contact (0-2 Ft)	PADEP Non-Residential Direct Contact (2-15 Ft)	PADEP Non-Residential Soil to Groundwater MSC Used Aquifer TDS <=2500 mg/l Unsaturated	Location	PWD_SOIL4					PWD_SOIL5					PWD_SOIL5					PWD_SOIL6					PWD_SOIL7				
					Sample Name	240503_PWD_SOIL4_6.0-6.5					240503_PWD_SOIL5_6.0-6.5					DUP-2_050324					240503_PWD_SOIL6_6.0-6.5					240503_PWD_SOIL7_6.0-6.5				
					Sample Date	05/03/2024					05/03/2024					05/03/2024					05/03/2024					05/03/2024				
					Sample Depth	6-6.5					6-6.5					6-6.5					6-6.5					6-6.5				
					Saturation	Unsaturated					Unsaturated					Unsaturated					Unsaturated					Unsaturated				
					Unit	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF
Volatile Organic Compounds																														
1,2,4-Trimethylbenzene	95-63-6	4700	5400	300	mg/kg	ND	U	0.00016	0.0008	1	ND	U	0.00018	0.00085	1	ND	U	0.00018	0.00085	1	ND	U	0.00019	0.00091	1	ND	U	0.0002	0.00096	1
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	3.7	4.2	0.005	mg/kg	ND	U	0.0002	0.0008	1	ND	U	0.00021	0.00085	1	ND	U	0.00021	0.00085	1	ND	U	0.00022	0.00091	1	ND	U	0.00024	0.00096	1
1,2-Dichloroethane	107-06-2	85	98	0.5	mg/kg	ND	U	0.00014	0.0008	1	ND	U	0.00015	0.00085	1	ND	U	0.00015	0.00085	1	ND	U	0.00016	0.00091	1	ND	U	0.00017	0.00096	1
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	4700	5400	93	mg/kg	ND	U	0.00025	0.0008	1	ND	U	0.00027	0.00085	1	ND	U	0.00027	0.00085	1	ND	U	0.00029	0.00091	1	ND	U	0.0003	0.00096	1
Benzene	71-43-2	280	330	0.5	mg/kg	ND	U	0.00021	0.0008	1	ND	U	0.00022	0.00085	1	ND	U	0.00022	0.00085	1	ND	U	0.00024	0.00091	1	ND	U	0.00025	0.00096	1
Ethylbenzene	100-41-4	880	1000	70	mg/kg	ND	U	0.00016	0.0008	1	ND	U	0.00017	0.00085	1	ND	U	0.00017	0.00085	1	ND	U	0.00018	0.00091	1	ND	U	0.00019	0.00096	1
Isopropylbenzene (Cumene)	98-82-8	10000	10000	2500	mg/kg	ND	U	0.00023	0.0008	1	ND	U	0.00024	0.00085	1	ND	U	0.00024	0.00085	1	ND	U	0.00026	0.00091	1	ND	U	0.00027	0.00096	1
Naphthalene	91-20-3	66	77	25	mg/kg	ND	U	0.00033	0.0012	1	ND	U	0.00035	0.0013	1	ND	U	0.00035	0.0013	1	ND	U	0.00037	0.0014	1	ND	U	0.00039	0.0014	1
Tert-Butyl Methyl Ether	1634-04-4	8500	9800	2	mg/kg	ND	U	0.00041	0.0008	1	ND	U	0.00044	0.00085	1	ND	U	0.00044	0.00085	1	ND	U	0.00047	0.00091	1	ND	U	0.00049	0.00096	1
Toluene	108-88-3	10000	10000	100	mg/kg	ND	U	0.00019	0.0008	1	ND	U	0.0002	0.00085	1	ND	U	0.0002	0.00085	1	ND	U	0.00021	0.00091	1	ND	U	0.00022	0.00096	1
Total Xylenes	1330-20-7	7900	9100	1000	mg/kg	ND	U	0.00014	0.0016	1	ND	U	0.00015	0.0017	1	ND	U	0.00015	0.0017	1	ND	U	0.00016	0.0018	1	ND	U	0.00017	0.0019	1
Semi-Volatile Organic Compounds																														
Anthracene	120-12-7	190000	190000	350	mg/kg	ND	U	0.011	0.37	1	ND	U	0.011	0.37	1	ND	U	0.011	0.37	1	ND	U	0.011	0.37	1	ND	U	0.012	0.38	1
Benzo(a)anthracene	56-55-3	130	190000	340	mg/kg	ND	U	0.028	0.037	1	ND	U	0.028	0.037	1	ND	U	0.028	0.037	1	ND	U	0.028	0.037	1	ND	U	0.029	0.038	1
Benzo(a)pyrene	50-32-8	91	190000	46	mg/kg	0.016	J	0.0098	0.037	1	ND	U	0.01	0.037	1	ND	U	0.0099	0.037	1	ND	U	0.0099	0.037	1	ND	U	0.01	0.038	1
Benzo(b)fluoranthene	205-99-2	76	190000	170	mg/kg	0.012	J	0.0096	0.037	1	ND	U	0.0097	0.037	1	ND	U	0.0096	0.037	1	ND	U	0.0096	0.037	1	ND	U	0.0099	0.038	1
Benzo(g,h,i)Perylene	191-24-2	190000	190000	180	mg/kg	0.025	J	0.011	0.37	1	ND	U	0.011	0.37	1	ND	U	0.011	0.37	1	ND	U	0.011	0.37	1	ND	U	0.011	0.38	1
Chrysene	218-01-9	760	190000	230	mg/kg	ND	U	0.016	0.37	1	ND	U	0.016	0.37	1	ND	U	0.016	0.37	1	ND	U	0.016	0.37	1	ND	U	0.016	0.38	1
Fluorene	86-73-7	130000	190000	3800	mg/kg	ND	U	0.011	0.37	1	ND	U	0.011	0.37	1	ND	U	0.011	0.37	1	ND	U	0.011	0.37	1	ND	U	0.011	0.38	1
Phenanthrene	85-01-8	190000	190000	10000	mg/kg	ND	U	0.015	0.37	1	ND	U	0.015	0.37	1	ND	U	0.015	0.37	1	ND	U	0.015	0.37	1	ND	U	0.016	0.38	1
Pyrene	129-00-0	96000	190000	2200	mg/kg	ND	U	0.0092	0.37	1	ND	U	0.0093	0.37	1	ND	U	0.0092	0.37	1	ND	U	0.0092	0.37	1	ND	U	0.0095	0.38	1
Metals																														
Lead	7439-92-1	1000	190000	450	mg/kg	9.9		0.17	0.52	1	9.1		0.21	0.62	1	13		0.21	0.64	1	9.2		0.21	0.64	1	9		0.22	0.66	1

Table 2
Summary of May and August Soil Sample Analytical Results
River Road Release Area
Bellwether District Holdings, LLC
Langan Project.: 220181803

Analyte	CAS Number	PADEP Non-Residential Direct Contact (0-2 Ft)	PADEP Non-Residential Direct Contact (2-15 Ft)	PADEP Non-Residential Soil to Groundwater MSC Used Aquifer TDS <=2500 mg/l Unsaturated	Location	UCS-INT-1					UCS-INT-2					UCS-INT-3				
					Sample Name	20240815_UCS_INT-1_7.5-8					20240815_UCS_INT-2_6.5-7					20240815_UCS_INT-3_7.5-8				
					Sample Date	08/15/2024					08/15/2024					08/15/2024				
					Sample Depth	7.5-8					6.5-7					7.5-8				
					Saturation	Unsaturated					Unsaturated					Unsaturated				
					Unit	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF
Volatile Organic Compounds																				
1,2,4-Trimethylbenzene	95-63-6	4700	5400	300	mg/kg	ND	U	0.0003	0.0012	1	ND	U	0.00036	0.0015	1	0.0015		0.00037	0.0015	1
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	3.7	4.2	0.005	mg/kg	ND	U	0.0026	*0.0062*	10	ND	U	0.0025	*0.006*	10	ND	U	0.00027	0.0015	1
1,2-Dichloroethane	107-06-2	85	98	0.5	mg/kg	ND	U	0.00036	0.0012	1	ND	U	0.00044	0.0015	1	ND	U	0.00045	0.0015	1
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	4700	5400	93	mg/kg	ND	U	0.00038	0.0012	1	ND	U	0.00046	0.0015	1	0.00057	J	0.00047	0.0015	1
Benzene	71-43-2	280	330	0.5	mg/kg	ND	U	0.00031	0.0012	1	0.0018		0.00038	0.0015	1	0.003		0.00039	0.0015	1
Ethylbenzene	100-41-4	880	1000	70	mg/kg	ND	U	0.00024	0.0012	1	ND	U	0.00029	0.0015	1	ND	U	0.0003	0.0015	1
Isopropylbenzene (Cumene)	98-82-8	10000	10000	2500	mg/kg	ND	U	0.00035	0.0012	1	ND	U	0.00042	0.0015	1	0.0016		0.00043	0.0015	1
Naphthalene	91-20-3	66	77	25	mg/kg	ND	U	0.0005	0.0018	1	ND	U	0.0006	0.0022	1	ND	U	0.00062	0.0023	1
Tert-Butyl Methyl Ether	1634-04-4	8500	9800	2	mg/kg	ND	U	0.00062	0.0012	1	ND	U	0.00075	0.0015	1	ND	U	0.00077	0.0015	1
Toluene	108-88-3	10000	10000	100	mg/kg	ND	U	0.00028	0.0012	1	ND	U	0.00034	0.0015	1	ND	U	0.00035	0.0015	1
Total Xylenes	1330-20-7	7900	9100	1000	mg/kg	ND	U	0.00021	0.0024	1	ND	U	0.00026	0.0029	1	0.00086	J	0.00026	0.003	1
Semi-Volatile Organic Compounds																				
Anthracene	120-12-7	190000	190000	350	mg/kg	ND	U	0.013	0.42	1	0.05	J	0.012	0.41	1	0.042	J	0.013	0.43	1
Benzo(a)anthracene	56-55-3	130	190000	340	mg/kg	0.054		0.032	0.042	1	0.32		0.031	0.041	1	0.17	J	0.033	0.043	1
Benzo(a)pyrene	50-32-8	91	190000	46	mg/kg	0.066		0.011	0.042	1	0.44		0.011	0.041	1	0.25	J	0.012	0.043	1
Benzo(b)fluoranthene	205-99-2	76	190000	170	mg/kg	0.074		0.011	0.042	1	0.51		0.011	0.041	1	0.31	J	0.011	0.043	1
Benzo(g,h,i)Perylene	191-24-2	190000	190000	180	mg/kg	0.036	J	0.012	0.42	1	0.32	J	0.012	0.41	1	0.18	J	0.013	0.43	1
Chrysene	218-01-9	760	190000	230	mg/kg	0.074	J	0.018	0.42	1	0.4	J	0.017	0.41	1	0.24	J	0.018	0.43	1
Fluorene	86-73-7	130000	190000	3800	mg/kg	ND	U	0.012	0.42	1	0.03	J	0.012	0.41	1	0.023	J	0.013	0.43	1
Phenanthrene	85-01-8	190000	190000	10000	mg/kg	0.051	J	0.017	0.42	1	0.2	J	0.017	0.41	1	0.12	J	0.018	0.43	1
Pyrene	129-00-0	96000	190000	2200	mg/kg	0.094	J	0.011	0.42	1	0.41		0.01	0.41	1	0.32	J	0.011	0.43	1
Metals																				
Lead	7439-92-1	1000	190000	450	mg/kg	75.5		0.23	0.69	1	239		0.23	0.68	1	240		0.21	0.62	1

Table 2
Summary of May and August Soil Sample Analytical Results
River Road Release Area
Bellwether District Holdings, LLC
Langan Project.: 220181803

Notes:
Soil samples were compared to the PADEP MSCs (November 2021)
PADEP - Pennsylvania Department of Environmental Protection
MSC - Medium Specific Concentrations
TDS - Total Dissolved Solids
CAS - Chemical Abstract Service
mg/kg - Milligrams per kilogram
ND - Not detected
Q - Qualifier
MDL - Method detection limit
RL - Reporting Limit
DF - Dilution factor

Qualifiers:
J – The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.
U – The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank contamination.

Exceedance Summary:
10 - Result exceeds PADEP Non-Residential Direct Contact (0-2 Ft)
10 - Result exceeds PADEP Non-Residential Direct Contact (2-15 Ft)
10 - Result exceeds PADEP Non-Residential Soil to Groundwater MSC Used Aquifer TDS <=2500 mg/l Unsaturated
10 - MDL or RL greater than the applicable standard

Table 3
Summary of May and August Soil Sample - Vapor Intrusion Screening
River Road Release Area
Bellwether District Holdings, LLC
Langan Project.: 220181803

Analyte	CAS Number	PADEP Act 2 Residential Soil Statewide Health Standard Vapor Intrusion Screening Values	Location	PWD_SOIL4					PWD_SOIL5					PWD_SOIL5					PWD_SOIL6				
			Sample Name	240503_PWD_SOIL4_6.0-6.5					240503_PWD_SOIL5_6.0-6.5					DUP-2_050324					240503_PWD_SOIL6_6.0-6.5				
			Sample Date	05/03/2024					05/03/2024					05/03/2024					05/03/2024				
			Sample Depth	6-6.5					6-6.5					6-6.5					6-6.5				
			Saturation	Unsaturated					Unsaturated					Unsaturated					Unsaturated				
			Unit	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF
Volatile Organic Compounds																							
1,2,4-Trimethylbenzene	95-63-6	73	mg/kg	ND	U	0.00016	0.0008	1	ND	U	0.00018	0.00085	1	ND	U	0.00018	0.00085	1	ND	U	0.00019	0.00091	1
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.0012	mg/kg	ND	U	0.0002	0.0008	1	ND	U	0.00021	0.00085	1	ND	U	0.00021	0.00085	1	ND	U	0.00022	0.00091	1
1,2-Dichloroethane	107-06-2	0.1	mg/kg	ND	U	0.00014	0.0008	1	ND	U	0.00015	0.00085	1	ND	U	0.00015	0.00085	1	ND	U	0.00016	0.00091	1
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	23	mg/kg	ND	U	0.00025	0.0008	1	ND	U	0.00027	0.00085	1	ND	U	0.00027	0.00085	1	ND	U	0.00029	0.00091	1
Benzene	71-43-2	0.13	mg/kg	ND	U	0.00021	0.0008	1	ND	U	0.00022	0.00085	1	ND	U	0.00022	0.00085	1	ND	U	0.00024	0.00091	1
Ethylbenzene	100-41-4	46	mg/kg	ND	U	0.00016	0.0008	1	ND	U	0.00017	0.00085	1	ND	U	0.00017	0.00085	1	ND	U	0.00018	0.00091	1
Isopropylbenzene (Cumene)	98-82-8	600	mg/kg	ND	U	0.00023	0.0008	1	ND	U	0.00024	0.00085	1	ND	U	0.00024	0.00085	1	ND	U	0.00026	0.00091	1
Naphthalene	91-20-3	25	mg/kg	ND	U	0.00033	0.0012	1	ND	U	0.00035	0.0013	1	ND	U	0.00035	0.0013	1	ND	U	0.00037	0.0014	1
Tert-Butyl Methyl Ether	1634-04-4	0.28	mg/kg	ND	U	0.00041	0.0008	1	ND	U	0.00044	0.00085	1	ND	U	0.00044	0.00085	1	ND	U	0.00047	0.00091	1
Toluene	108-88-3	44	mg/kg	ND	U	0.00019	0.0008	1	ND	U	0.0002	0.00085	1	ND	U	0.0002	0.00085	1	ND	U	0.00021	0.00091	1
Total Xylenes	1330-20-7	990	mg/kg	ND	U	0.00014	0.0016	1	ND	U	0.00015	0.0017	1	ND	U	0.00015	0.0017	1	ND	U	0.00016	0.0018	1
Semi-Volatile Organic Compounds																							
Anthracene	120-12-7	NS	mg/kg	ND	U	0.011	0.37	1	ND	U	0.011	0.37	1	ND	U	0.011	0.37	1	ND	U	0.011	0.37	1
Benzo(a)anthracene	56-55-3	NS	mg/kg	ND	U	0.028	0.037	1	ND	U	0.028	0.037	1	ND	U	0.028	0.037	1	ND	U	0.028	0.037	1
Benzo(a)pyrene	50-32-8	NS	mg/kg	0.016	J	0.0098	0.037	1	ND	U	0.01	0.037	1	ND	U	0.0099	0.037	1	ND	U	0.0099	0.037	1
Benzo(b)fluoranthene	205-99-2	NS	mg/kg	0.012	J	0.0096	0.037	1	ND	U	0.0097	0.037	1	ND	U	0.0096	0.037	1	ND	U	0.0096	0.037	1
Benzo(g,h,i)Perylene	191-24-2	NS	mg/kg	0.025	J	0.011	0.37	1	ND	U	0.011	0.37	1	ND	U	0.011	0.37	1	ND	U	0.011	0.37	1
Chrysene	218-01-9	NS	mg/kg	ND	U	0.016	0.37	1	ND	U	0.016	0.37	1	ND	U	0.016	0.37	1	ND	U	0.016	0.37	1
Fluorene	86-73-7	NS	mg/kg	ND	U	0.011	0.37	1	ND	U	0.011	0.37	1	ND	U	0.011	0.37	1	ND	U	0.011	0.37	1
Phenanthrene	85-01-8	NS	mg/kg	ND	U	0.015	0.37	1	ND	U	0.015	0.37	1	ND	U	0.015	0.37	1	ND	U	0.015	0.37	1
Pyrene	129-00-0	NS	mg/kg	ND	U	0.0092	0.37	1	ND	U	0.0093	0.37	1	ND	U	0.0092	0.37	1	ND	U	0.0092	0.37	1
Metals																							
Lead	7439-92-1	NS	mg/kg	9.9		0.17	0.52	1	9.1		0.21	0.62	1	13		0.21	0.64	1	9.2		0.21	0.64	1

Table 3
Summary of May and August Soil Sample - Vapor Intrusion Screening
River Road Release Area
Bellwether District Holdings, LLC
Langan Project.: 220181803

Analyte	CAS Number	PADEP Act 2 Residential Soil Statewide Health Standard Vapor Intrusion Screening Values	Location	PWD_SOIL7					UCS-INT-1					UCS-INT-2					UCS-INT-3				
			Sample Name	240503_PWD_SOIL7_6.0-6.5					20240815_UCS_INT-1_7.5-8					20240815_UCS_INT-2_6.5-7					20240815_UCS_INT-3_7.5-8				
			Sample Date	05/03/2024					08/15/2024					08/15/2024					08/15/2024				
			Sample Depth	6-6.5					7.5-8					6.5-7					7.5-8				
			Saturation	Unsaturated					Unsaturated					Unsaturated					Unsaturated				
			Unit	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF
Volatile Organic Compounds																							
1,2,4-Trimethylbenzene	95-63-6	73	mg/kg	ND	U	0.0002	0.00096	1	ND	U	0.0003	0.0012	1	ND	U	0.00036	0.0015	1	0.0015		0.00037	0.0015	1
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.0012	mg/kg	ND	U	0.00024	0.00096	1	ND	U	*0.0026*	*0.0062*	10	ND	U	*0.0025*	*0.006*	10	ND	U	0.00027	*0.0015*	1
1,2-Dichloroethane	107-06-2	0.1	mg/kg	ND	U	0.00017	0.00096	1	ND	U	0.00036	0.0012	1	ND	U	0.00044	0.0015	1	ND	U	0.00045	0.0015	1
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	23	mg/kg	ND	U	0.0003	0.00096	1	ND	U	0.00038	0.0012	1	ND	U	0.00046	0.0015	1	0.00057	J	0.00047	0.0015	1
Benzene	71-43-2	0.13	mg/kg	ND	U	0.00025	0.00096	1	ND	U	0.00031	0.0012	1	0.0018		0.00038	0.0015	1	0.003		0.00039	0.0015	1
Ethylbenzene	100-41-4	46	mg/kg	ND	U	0.00019	0.00096	1	ND	U	0.00024	0.0012	1	ND	U	0.00029	0.0015	1	ND	U	0.0003	0.0015	1
Isopropylbenzene (Cumene)	98-82-8	600	mg/kg	ND	U	0.00027	0.00096	1	ND	U	0.00035	0.0012	1	ND	U	0.00042	0.0015	1	0.0016		0.00043	0.0015	1
Naphthalene	91-20-3	25	mg/kg	ND	U	0.00039	0.0014	1	ND	U	0.0005	0.0018	1	ND	U	0.0006	0.0022	1	ND	U	0.00062	0.0023	1
Tert-Butyl Methyl Ether	1634-04-4	0.28	mg/kg	ND	U	0.00049	0.00096	1	ND	U	0.00062	0.0012	1	ND	U	0.00075	0.0015	1	ND	U	0.00077	0.0015	1
Toluene	108-88-3	44	mg/kg	ND	U	0.00022	0.00096	1	ND	U	0.00028	0.0012	1	ND	U	0.00034	0.0015	1	ND	U	0.00035	0.0015	1
Total Xylenes	1330-20-7	990	mg/kg	ND	U	0.00017	0.0019	1	ND	U	0.00021	0.0024	1	ND	U	0.00026	0.0029	1	0.00086	J	0.00026	0.003	1
Semi-Volatile Organic Compounds																							
Anthracene	120-12-7	NS	mg/kg	ND	U	0.012	0.38	1	ND	U	0.013	0.42	1	0.05	J	0.012	0.41	1	0.042	J	0.013	0.43	1
Benzo(a)anthracene	56-55-3	NS	mg/kg	ND	U	0.029	0.038	1	0.054		0.032	0.042	1	0.32		0.031	0.041	1	0.17	J	0.033	0.043	1
Benzo(a)pyrene	50-32-8	NS	mg/kg	ND	U	0.01	0.038	1	0.066		0.011	0.042	1	0.44		0.011	0.041	1	0.25	J	0.012	0.043	1
Benzo(b)fluoranthene	205-99-2	NS	mg/kg	ND	U	0.0099	0.038	1	0.074		0.011	0.042	1	0.51		0.011	0.041	1	0.31	J	0.011	0.043	1
Benzo(g,h,i)Perylene	191-24-2	NS	mg/kg	ND	U	0.011	0.38	1	0.036	J	0.012	0.42	1	0.32	J	0.012	0.41	1	0.18	J	0.013	0.43	1
Chrysene	218-01-9	NS	mg/kg	ND	U	0.016	0.38	1	0.074	J	0.018	0.42	1	0.4	J	0.017	0.41	1	0.24	J	0.018	0.43	1
Fluorene	86-73-7	NS	mg/kg	ND	U	0.011	0.38	1	ND	U	0.012	0.42	1	0.03	J	0.012	0.41	1	0.023	J	0.013	0.43	1
Phenanthrene	85-01-8	NS	mg/kg	ND	U	0.016	0.38	1	0.051	J	0.017	0.42	1	0.2	J	0.017	0.41	1	0.12	J	0.018	0.43	1
Pyrene	129-00-0	NS	mg/kg	ND	U	0.0095	0.38	1	0.094	J	0.011	0.42	1	0.41		0.01	0.41	1	0.32	J	0.011	0.43	1
Metals																							
Lead	7439-92-1	NS	mg/kg	9		0.22	0.66	1	75.5		0.23	0.69	1	239		0.23	0.68	1	240		0.21	0.62	1

Table 3
May and August Soil Sampling – Vapor Intrusion Screening
River Road Release Area
Bellwether District Holdings, LLC
Langan Project: 220181803

Notes:
Soil samples were compared to the PADEP MSCs (November 2021)
PADEP - Pennsylvania Department of Environmental Protection
MSC - Medium Specific Concentrations
TDS - Total Dissolved Solids
CAS - Chemical Abstract Service
mg/kg - Milligrams per kilogram
ND - Not detected
Q - Qualifier
MDL - Method detection limit
RL - Reporting Limit
DF - Dilution factor

Qualifiers:
J – The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.
U – The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank contamination.

Exceedance Summary:
10 - Result exceeds PADEP Act 2 Residential Soil Statewide Health Standard Vapor Intrusion Screening Values
10 - MDL or RL greater than the applicable standard

Table 4
Summary of May and August Field Blank Sample Results
River Road Release Area
Bellwether District Holdings, LLC
Langan Project.: 220181803

Analyte	CAS Number	Sample Name	FB-1_050324					FB-1_081524				
		Sample Date	05/03/2024					08/15/2024				
		Unit	Result	Q	MDL	RL	DF	Result	Q	MDL	RL	DF
Volatile Organic Compounds												
1,2,4-Trimethylbenzene	95-63-6	mg/kg	ND	U	0.37	1	1	ND	U	0.37	1	1
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	mg/kg	ND	U	0.5	1	1	ND	U	0.5	1	1
1,2-Dichloroethane	107-06-2	mg/kg	ND	U	0.43	1	1	ND	U	0.43	1	1
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	mg/kg	ND	U	0.33	1	1	ND	U	0.33	1	1
Benzene	71-43-2	mg/kg	ND	U	0.2	1	1	ND	U	0.2	1	1
Ethylbenzene	100-41-4	mg/kg	ND	U	0.3	1	1	ND	U	0.3	1	1
Isopropylbenzene (Cumene)	98-82-8	mg/kg	ND	U	0.34	1	1	ND	U	0.34	1	1
Naphthalene	91-20-3	mg/kg	ND	U	0.88	1	1	ND	U	0.88	1	1
Tert-Butyl Methyl Ether	1634-04-4	mg/kg	ND	U	0.22	1	1	ND	U	0.22	1	1
Toluene	108-88-3	mg/kg	ND	U	0.38	1	1	ND	U	0.38	1	1
Total Xylenes	1330-20-7	mg/kg	ND	U	0.65	2	1	ND	U	0.65	2	1
Semi-Volatile Organic Compounds												
Anthracene	120-12-7	mg/kg	ND	U	1.3	10	1	NA				
Chrysene	218-01-9	mg/kg	ND	U	0.91	2	1	NA				
Fluorene	86-73-7	mg/kg	ND	U	0.91	10	1	NA				
Phenanthrene	85-01-8	mg/kg	ND	U	1.3	10	1	NA				
Pyrene	129-00-0	mg/kg	ND	U	1.6	10	1	NA				
Metals												
Lead	7439-92-1	mg/kg	ND	U	0.84	1.2	1	ND	U	0.84	1.2	1

Table 4
Summary of May and August Field Blank Sample Results
River Road Release Area
Bellwether District Holdings, LLC
Langan Project.: 220181803

Notes:
CAS - Chemical Abstract Service
ug/l - Microgram per Liter
ND - Not detected
Q - Qualifier
MDL - Method detection limit
RL - Reporting Limit
DF - Dilution factor

Qualifiers:
U – The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank contamination.

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF ENVIRONMENTAL CLEANUP AND BROWNFIELDS

NOTICE OF INTENT TO REMEDIATE

For DEP Use Only
PF # ____
Rem ID # ____

Date: 02/14/2025 NIR Status: ☒ New ☐ Revised

Act 1995-2 requires four general information items to be included in the NIR: the general location, listing of contaminants, intended use of property, and proposed remediation measures. In addition, indicate the standard(s) to be obtained and attach a scaled site map (if available). Certain project amendments or changes will require submission of a revised NIR, a new public notice, and a new notification to the municipality. Changes to information marked by (**) or (††) indicate when a new NIR and new public and municipal notices are needed. DEP should also be notified of any significant changes to the initial NIR submission, including the change of future use of the property, contaminants added or removed, change of standards from site-specific to background or Statewide health, any change in the media being investigated, or change of any contact information.

Property Name August 2022 River Road Release Area

Former Name(s)/AKA Former Philadelphia Energy Solutions Refinery

Address/Location 3144 West Passyunk Avenue

City Philadelphia Zip Code 19145

**Municipality(s) Philadelphia County(ies) Philadelphia

Tax Parcel ID# (if known) 1001015361

Latitude 39 º (deg). 55 ‘ (min) 9.89 “ (sec)

Longitude 75 º (deg). 12 ‘ (min) 2.01 “ (sec)

Horizontal Collection Method Geographic Information Systems

Horizontal Reference Datum NAD83 Reference Point See attached Figure 1.

☐ **Wish to participate in the DEP/EPA One Cleanup Program.

Contact the Land Recycling Program Manager for details at landrecycling@pa.gov.

EPA ID#, if known

DEP ID#(s), if known 51-33620

(i.e., eFACTs primary facility ID#, storage tank facility ID#, water quality permit #, etc.)

Date Release Occurred (if known) August 2022

Date each municipality was notified of any plan or report submitted under any remediation standard
February 12, 2025

Place the newspaper name and date that your notice of your plan/report submission was published
The Philadelphia Inquirer - February 14, 2025 (anticipated)

** A change in municipality, the addition of a new municipality, or deciding to participate in the DEP/EPA One Cleanup Program requires a new NIR to be submitted with new public and municipal notifications.

Contamination, Land Usage, and Proposed Remediation Section

Provide a brief description of the site contamination, to the extent known, in plain language (e.g., fuel oil spill, historical chemical industrial area, etc.), the current and intended future use of the property in the box below.

In August 2022, three Philadelphia Water Department (PWD) subsurface water line leaks occurred along River Road. One of the water leaks caused a breach in the bottom of an underground containment structure (UCS) along River Road. The UCS contained refinery piping which is no longer in use. During a subsequent excavation to investigate the water line leaks, stained soil was observed. Residual oil present in the UCS was believed to be the source of the stained soil. The site is part of a former oil refinery which is currently undergoing redevelopment. The intended future use of the property is commercial/industrial.

Provide a general description of proposed remediation measures.

A remedial investigation has been performed, which consisted of the collection of subsurface soil samples to determine if impacts above non-residential statewide health standards were present. Samples were tested for the Philadelphia Refinery Target Compound list agreed upon with the PADEP.

Standards Selection Section

Check all the boxes that apply for the appropriate contaminant groups according to the standard(s) and media of the remediation to be performed.

NOTE: Either the site-specific standard or a special industrial area requires a 30-day public and municipal comment period.

Contaminant Groups	Background		Statewide Health–Residential		Statewide Health–Non-Residential		††Site-Specific Standard		††Special Industrial Area	
	Soil	GW	Soil	GW	Soil	GW	Soil	GW	Soil	GW
Aviation Gasoline	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Diesel Fuel	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Fuel Oil No. 1	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Fuel Oil No. 2	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Fuel Oil No. 4	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Fuel Oil No. 5	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Fuel Oil No. 6	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Kerosene	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Jet Fuel	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Leaded Gasoline	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
New Motor Oil	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Unleaded Gasoline	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Used Motor Oil	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Chlorinated Solvents	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Inorganics	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Lead	☐	☐	☐	☐	☒	☐	☐	☐	☐	☐
MTBE	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Other Organics	☐	☐	☐	☐	☒	☐	☐	☐	☐	☐
PAHs	☐	☐	☐	☐	☒	☐	☐	☐	☐	☐
PCBs	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Pesticides	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
PFAS	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐

GW: groundwater

†† Changing the selected standard from either background or Statewide health to the site-specific standard, changing to a combination of standards that includes the site-specific standard, or choosing the special industrial area designation requires a new NIR submission with new public and municipal notifications.

Please list individual contaminants here, by environmental medium and cleanup standard (optional):

Statewide Health Standards (Soil): benzene, 1,2-Dibromoethane, 1,2-dichloroethane, ethylbenzene, isopropylbenzene, methy tertiary butyl ether, naphthalene, tolune, 1,2,4-trimethylbenzene, 1,3,4-trimethylbenzene xylenes, anthracene, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo (g,h,i)perylene, chrysene, fluoranthene, phenanthrene, pyrene, lead

Property Owner, Remediator/Participant, and Consultant

Complete the form below for each recipient obtaining a release of liability upon approval of the final report. Attach additional sheets as necessary.

Property Owner

Contact Person/Title Anne R. Garr/Assistant Secretary eFACTs Client ID(If Known) 51-33620

Phone Number 312-283-4469 Email Address agarr@hilcoglobal.com

Company Name Bellwether District Holdings, LLC EIN or Federal ID #

Address (street, city, state, zip) 111 South Wacker Drive, Suite 3000, Chicago, IL 60606

Client Type (choose from list below) Limited Liabilty Company

Client Types:

Association/Organization		
Authority	Limited Liability Partnership	Partnership-General
County	Municipality	Partnership-Limited
Estate/Trust	Non-Pennsylvania	Pennsylvania Corporation
Federal Agency	Government	School District
Individual	Other (Government)	Sole Proprietorship
Limited Liability company	Other (Non-Government)	State Agency

Consultant

Contact Person/Title Jeff Smith Email Address JSmith@langan.com

Phone Number 215-845-8915 Company Name Langan Engineering and Environmental Services

Address (street, city, state, zip) 1818 Market Street, Suite 3300, Philadelphia, PA 19103

Other Participant (Remediator)

Contact Person/Title Anne Garr/Assistant Secretary

Relationship to Site Remediator

(e.g. remediator, participant in cleanup if other than owner, etc.)

Phone Number 312-283-4469 Email Address agarr@hilcoglobal.com

Company Name Philadelphia Energy Solutions Refining and Marketing LLC EIN or Federal ID #

Address (street, city, state, zip) 111 South Wacker Drive, Suite 3000, Chicago, IL 60606

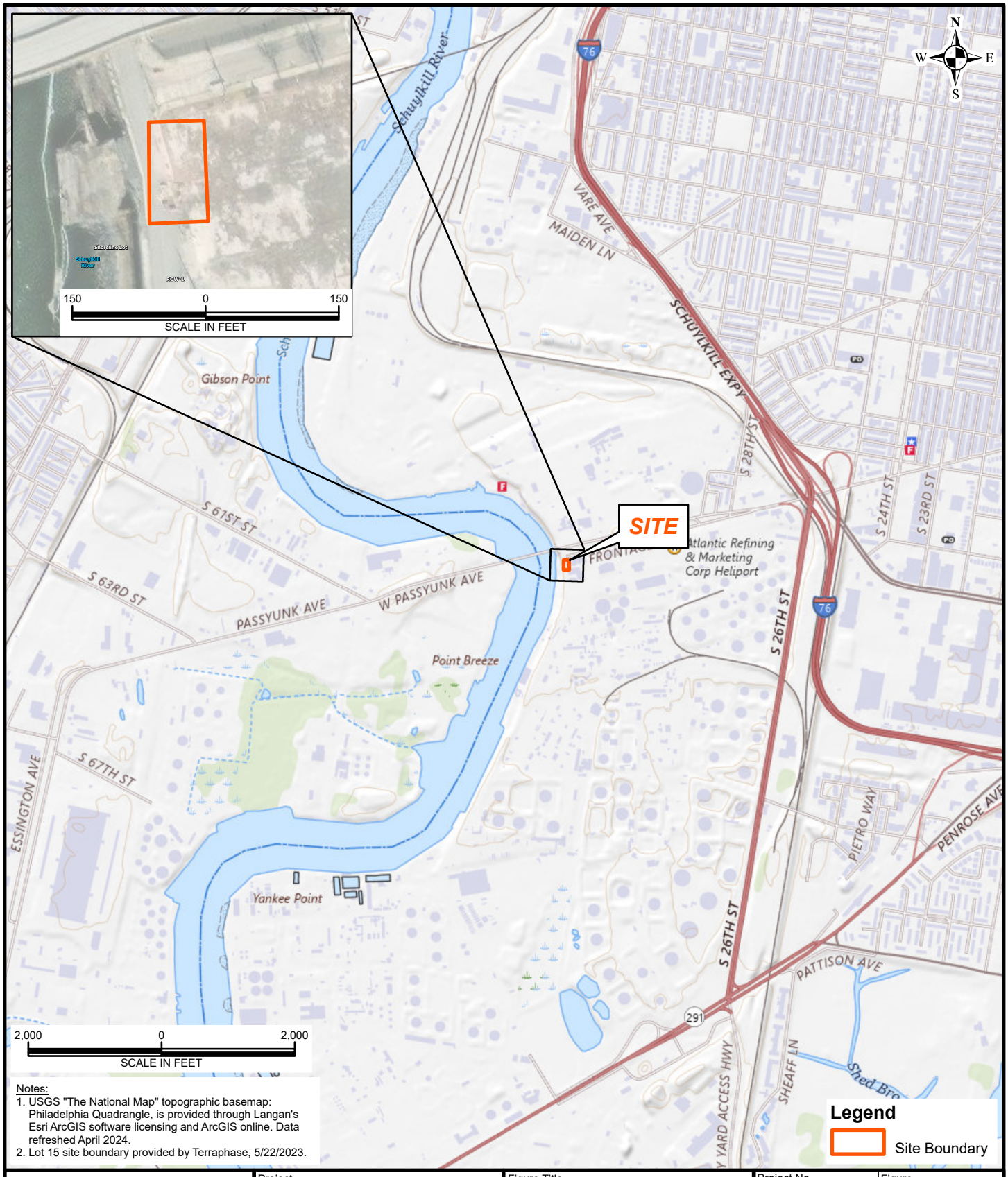
Preparer of Notice of Intent to Remediate

Name Adam Goldberg Title Senior Project Manager

Phone Number 215.845.8946 Email Address agoldberg@langan.com

Company Name Langan Engineering and Environmental Services

Address (street, city, state, zip) 1818 Market Street, Suite 3300, Philadelphia, PA 19103



Notes:
1. USGS "The National Map" topographic basemap: Philadelphia Quadrangle, is provided through Langan's Esri ArcGIS software licensing and ArcGIS online. Data refreshed April 2024.
2. Lot 15 site boundary provided by Terraphase, 5/22/2023.

LANGAN
Langan Engineering and Environmental Services, LLC

1818 Market Street, Suite 3300
Philadelphia, PA 19103-3638

T: 215.845.8946 F: 215.845.8901
www.langan.com

Project	Figure Title	Project No.	Figure
BELLWETHER DISTRICT REDEVELOPMENT 3144 WEST PASSYUNK AVENUE PHILADELPHIA PENNSYLVANIA	**AUGUST 2022 RIVER ROAD RELEASE AREA**	220181803	1
		Date: 2/9/2025	
		Scale: 1"=2,000'	
		Drawn By: JF	

© 2025 Langan

February 12, 2025

Via Federal Express

Ms. Leigh Anne Rainford
Philadelphia Department of Public Health
Environmental Health Services
7801 Essington Avenue
Philadelphia, PA 19153

RE: Notice of Intent to Remediate
August 2022 River Road Release Area
The Bellwether District Redevelopment Project
aka Former Philadelphia Energy Solutions (PES) Refinery
3144 West Passyunk Avenue
Philadelphia, Pennsylvania

Dear Ms. Rainford:

The Land Recycling and Environmental Remediation Standards Act (Act 2) requires that a Notice of Intent to Remediate (NIR) be provided to the municipality in which the site is located. In accordance with this provision of Act 2, Langan Engineering and Environmental Services, Inc. (Langan), on behalf of Bellwether District Holdings, LLC (BDH), formally known as Philadelphia Energy Solutions Refining and Marketing, LLC (PESRM), is formally notifying you of BDH's intent to remediate a distinct localized area (August 2022 River Road Release Area) on River Road of the former Philadelphia Energy Solutions Refinery Site, located at 3144 West Passyunk Avenue, Philadelphia, PA. A copy of the NIR form, which will be sent to the Department of Environmental Protection (DEP), is enclosed. The following notice will be published in the Pennsylvania Bulletin, and a summary of the notice has been published in a local newspaper, A copy of the draft publication is attached, with an anticipated publication date of February 14, 2025.

> Pursuant to the Land Recycling and Environmental Remediation Standards Act, the act of May 19, 1995, P.L. 4, No. 1995-2, notice is hereby given that Bellwether District Holdings, LLC, formerly known as Philadelphia Energy Solutions Refining and Marketing LLC, will submit to the Pennsylvania Department of Environmental Protection a Notice of Intent to Remediate a site located at 3144 West Passyunk Avenue, Philadelphia, PA. This Notice of Intent to Remediate states the site is the August 2022 River Road Release Area at the Former Philadelphia Energy Solutions Refinery. The site, remediated to

Statewide Health Standards, pertains to petroleum-impacted soils related to a limited-area release of petroleum products. Bellwether District Holdings, LLC has indicated that the remediation measures consisted of soil sampling and analysis, which demonstrated attainment of PA DEP Non-Residential Statewide Health Standards. The site will be used for non-residential commercial/industrial use.

If you have any questions concerning the proposed remediation you may contact Adam Goldberg at (215) 845-8946.

Sincerely,
Langan Engineering & Environmental Services, Inc.



Adam Goldberg, LSRP
Senior Project Manager

enclosures:

Notice of Intent to Remediate Form
Draft of Newspaper Publication

cc.

Amy Piccone – BDH
Julianna Connolly – BDH
Jason Hanna, CHMM – Langan
Cortney Savidge, CHMM - Langan
Jeff Smith, PG – Langan
C. David Brown, PG -- PADEP

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF ENVIRONMENTAL CLEANUP AND BROWNFIELDS

NOTICE OF INTENT TO REMEDIATE

For DEP Use Only
PF # ____
Rem ID # ____

Date: 02/14/2025 NIR Status: ☒ New ☐ Revised

Act 1995-2 requires four general information items to be included in the NIR: the general location, listing of contaminants, intended use of property, and proposed remediation measures. In addition, indicate the standard(s) to be obtained and attach a scaled site map (if available). Certain project amendments or changes will require submission of a revised NIR, a new public notice, and a new notification to the municipality. Changes to information marked by (**) or (††) indicate when a new NIR and new public and municipal notices are needed. DEP should also be notified of any significant changes to the initial NIR submission, including the change of future use of the property, contaminants added or removed, change of standards from site-specific to background or Statewide health, any change in the media being investigated, or change of any contact information.

Property Name August 2022 River Road Release Area

Former Name(s)/AKA Former Philadelphia Energy Solutions Refinery

Address/Location 3144 West Passyunk Avenue

City Philadelphia Zip Code 19145

**Municipality(s) Philadelphia County(ies) Philadelphia

Tax Parcel ID# (if known) 1001015361

Latitude 39 º (deg). 55 ‘ (min) 9.89 “ (sec)

Longitude 75 º (deg). 12 ‘ (min) 2.01 “ (sec)

Horizontal Collection Method Geographic Information Systems

Horizontal Reference Datum NAD83 Reference Point See attached Figure 1.

☐ **Wish to participate in the DEP/EPA One Cleanup Program.

Contact the Land Recycling Program Manager for details at landrecycling@pa.gov.

EPA ID#, if known

DEP ID#(s), if known 51-33620

(i.e., eFACTs primary facility ID#, storage tank facility ID#, water quality permit #, etc.)

Date Release Occurred (if known) August 2022

Date each municipality was notified of any plan or report submitted under any remediation standard
February 12, 2025

Place the newspaper name and date that your notice of your plan/report submission was published
The Philadelphia Inquirer - February 14, 2025 (anticipated)

** A change in municipality, the addition of a new municipality, or deciding to participate in the DEP/EPA One Cleanup Program requires a new NIR to be submitted with new public and municipal notifications.

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In August 2022, three Philadelphia Water Department (PWD) subsurface water line leaks occurred along River Road. One of the water leaks caused a breach in the bottom of an underground containment structure (UCS) along River Road. The UCS contained refinery piping which is no longer in use. During a subsequent excavation to investigate the water line leaks, stained soil was observed. Residual oil present in the UCS was believed to be the source of the stained soil. The site is part of a former oil refinery which is currently undergoing redevelopment. The intended future use of the property is commercial/industrial.

Provide a general description of proposed remediation measures.

A remedial investigation has been performed, which consisted of the collection of subsurface soil samples to determine if impacts above non-residential statewide health standards were present. Samples were tested for the Philadelphia Refinery Target Compound list agreed upon with the PADEP.

Standards Selection Section

Check all the boxes that apply for the appropriate contaminant groups according to the standard(s) and media of the remediation to be performed.

NOTE: Either the site-specific standard or a special industrial area requires a 30-day public and municipal comment period.

Contaminant Groups	Background		Statewide Health–Residential		Statewide Health–Non-Residential		††Site-Specific Standard		††Special Industrial Area	
	Soil	GW	Soil	GW	Soil	GW	Soil	GW	Soil	GW
Aviation Gasoline	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Diesel Fuel	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Fuel Oil No. 1	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Fuel Oil No. 2	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Fuel Oil No. 4	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Fuel Oil No. 5	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Fuel Oil No. 6	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Kerosene	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Jet Fuel	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Leaded Gasoline	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
New Motor Oil	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Unleaded Gasoline	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Used Motor Oil	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Chlorinated Solvents	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Inorganics	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Lead	☐	☐	☐	☐	☒	☐	☐	☐	☐	☐
MTBE	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Other Organics	☐	☐	☐	☐	☒	☐	☐	☐	☐	☐
PAHs	☐	☐	☐	☐	☒	☐	☐	☐	☐	☐
PCBs	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Pesticides	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
PFAS	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐

GW: groundwater

†† Changing the selected standard from either background or Statewide health to the site-specific standard, changing to a combination of standards that includes the site-specific standard, or choosing the special industrial area designation requires a new NIR submission with new public and municipal notifications.

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Property Owner, Remediator/Participant, and Consultant

Complete the form below for each recipient obtaining a release of liability upon approval of the final report. Attach additional sheets as necessary.

Property Owner

Contact Person/Title Anne R. Garr/Assistant Secretary eFACTs Client ID(If Known) 51-33620

Phone Number 312-283-4469 Email Address agarr@hilcoglobal.com

Company Name Bellwether District Holdings, LLC EIN or Federal ID #

Address (street, city, state, zip) 111 South Wacker Drive, Suite 3000, Chicago, IL 60606

Client Type (choose from list below) Limited Liabilty Company

Client Types:

Association/Organization		
Authority	Limited Liability Partnership	Partnership-General
County	Municipality	Partnership-Limited
Estate/Trust	Non-Pennsylvania	Pennsylvania Corporation
Federal Agency	Government	School District
Individual	Other (Government)	Sole Proprietorship
Limited Liability company	Other (Non-Government)	State Agency

Consultant

Contact Person/Title Jeff Smith Email Address JSmith@langan.com

Phone Number 215-845-8915 Company Name Langan Engineering and Environmental Services

Address (street, city, state, zip) 1818 Market Street, Suite 3300, Philadelphia, PA 19103

Other Participant (Remediator)

Contact Person/Title Anne Garr/Assistant Secretary

Relationship to Site Remediator

(e.g. remediator, participant in cleanup if other than owner, etc.)

Phone Number 312-283-4469 Email Address agarr@hilcoglobal.com

Company Name Philadelphia Energy Solutions Refining and Marketing LLC EIN or Federal ID #

Address (street, city, state, zip) 111 South Wacker Drive, Suite 3000, Chicago, IL 60606

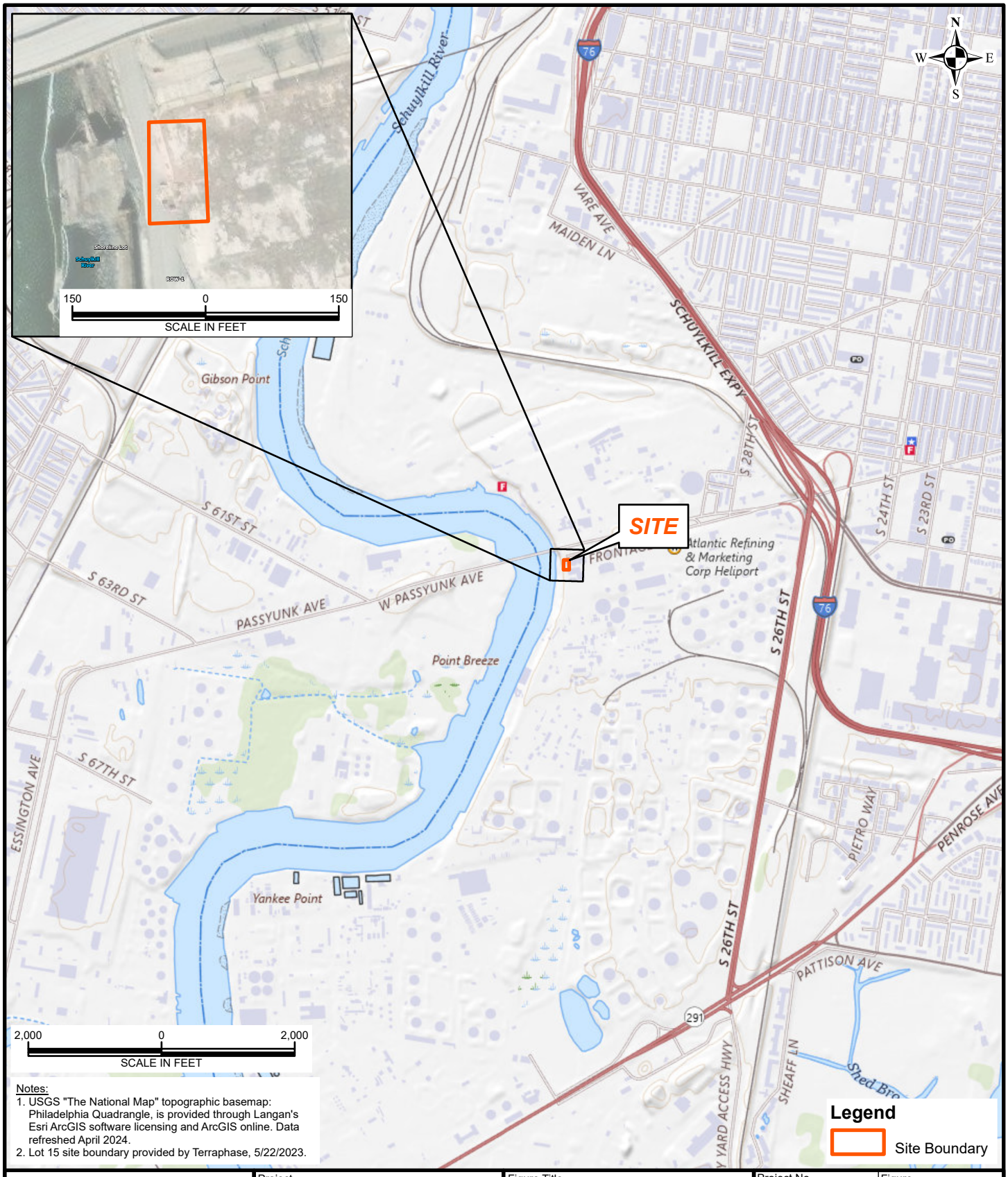
Preparer of Notice of Intent to Remediate

Name Adam Goldberg Title Senior Project Manager

Phone Number 215.845.8946 Email Address agoldberg@langan.com

Company Name Langan Engineering and Environmental Services

Address (street, city, state, zip) 1818 Market Street, Suite 3300, Philadelphia, PA 19103



Notes:
1. USGS "The National Map" topographic basemap: Philadelphia Quadrangle, is provided through Langan's Esri ArcGIS software licensing and ArcGIS online. Data refreshed April 2024.
2. Lot 15 site boundary provided by Terraphase, 5/22/2023.

LANGAN
Langan Engineering and Environmental Services, LLC

1818 Market Street, Suite 3300
Philadelphia, PA 19103-3638

T: 215.845.8946 F: 215.845.8901
www.langan.com

Project	Figure Title	Project No.	Figure
BELLWETHER DISTRICT REDEVELOPMENT 3144 WEST PASSYUNK AVENUE PHILADELPHIA PENNSYLVANIA	**AUGUST 2022 RIVER ROAD RELEASE AREA**	220181803	1
		Date: 2/9/2025	
		Scale: 1"=2,000'	
		Drawn By: JF	

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Notice of an Intent
to Remediate to an Environmental Standard
(Section 304(n)(2)(i))
(Sections 302(e)(1)(ii), 303(h)(1)(ii),
304(n)(1)(i), and 305(c)(1))

Pursuant to the Land Recycling and Environmental Remediation Standards Act, the act of May 19, 1995, P.L. 4, No. 1995-2, notice is hereby given that Bellwether District Holdings, LLC, formerly known as Philadelphia Energy Solutions Refining and Marketing LLC, will submit to the Pennsylvania Department of Environmental Protection a Notice of Intent to Remediate a site located at 3144 West Passyunk Avenue, Philadelphia, PA. This Notice of Intent to Remediate states the site is the August 2022 River Road Release Area at the Former Philadelphia Energy Solutions Refinery. The site, remediated to Statewide Health Standards, pertains to petroleum-impacted soils related to a limited-area release of petroleum products. Bellwether District Holdings, LLC has indicated that the remediation measures consisted of soil sampling and analysis, which demonstrated attainment of PA DEP Non-Residential Statewide Health Standards. The site will be used for non-residential commercial/industrial use.

The Philadelphia Inquirer
100 S. INDEPENDENCE MALL W, STE 600, PHILADELPHIA, PA 19106

Affidavit of Publication

On Behalf of:
LANGAN
1818 Market St
Suite 3300
PHILADELPHIA, PA 19103

STATE OF PENNSYLVANIA COUNTY OF PHILADELPHIA:

Before the undersigned authority personally appeared the undersigned who, on oath represented a and say: that I am an employee of The Philadelphia Inquirer, LLC, and am authorized to make this affidavit of publication, and being duly sworn, I depose and say:

1. The Philadelphia Inquirer, LLC is the publisher of the Philadelphia Inquirer, with its headquarters at 100 S. Independence Mall West, Suite 600, Philadelphia, PA 19106.
2. The Philadelphia Inquirer is a newspaper that which was established in in the year 1829, since which date said daily newspaper has been continuously published and distributed daily in the City of Philadelphia, count and state aforesaid.
3. The printed notice or publication attached hereto set forth on attached
hereto was published in all regular print editions of
The Philadelphia Inquirer on

Legal Notices

as published in **Inquirer Legals** in the issue(s) of:

2/14/2025

4. Under oath, I state that the following is true and correct, and that neither I nor The Philadelphia Inquirer, LLC have any is interest in the subject matter of the aforesaid notice or advertisement.

Helene Sweeney

Nancy S. Fisher
Notary Public

My Commission Expires:

Commonwealth of Pennsylvania - Notary Seal
Nancy S Fisher, Notary Public
Philadelphia County
My Commission Expires June 27, 2027
Commission Number 1433937

Ad No: 181184
Customer No: 110234

COPY OF ADVERTISEMENT

Notice of an Intent
to Remediate to an Environmental Standard
(Section 304(n)(2)(i))
(Sections 302(e)(1)(ii), 303(h)(1)(ii),
304(n)(1)(i), and 305(c)(1))

Pursuant to the Land Recycling and Environmental Remediation Standards Act, the act of May 19, 1995, P.L. 4, No. 1995-2, notice is hereby given that Bellwether District Holdings, LLC, formerly known as Philadelphia Energy Solutions Refining and Marketing LLC, will submit to the Pennsylvania Department of Environmental Protection a Notice of Intent to Remediate a site located at 3144 West Passyunk Avenue, Philadelphia, PA. This Notice of Intent to Remediate states the site is the August 2022 River Road Release Area at the Former Philadelphia Energy Solutions Refinery. The site, remediated to Statewide Health Standards, pertains to petroleum-impacted soils related to a limited-area release of petroleum products. Bellwether District Holdings, LLC has indicated that the remediation measures consisted of soil sampling and analysis, which demonstrated attainment of PA DEP Non-Residential Statewide Health Standards. The site will be used for non-residential commercial/industrial use.

Cindy McGinley

From: FedEx Tracking <TrackingUpdates@fedex.com>
Sent: Thursday, February 13, 2025 9:14 AM
To: Cindy McGinley
Subject: Your shipment was delivered 772043863464



Your shipment was delivered.

Delivery Date

Thu, 02/13/2025
9:06am

Delivered to

7801 ESSINGTON AVE, PHILADELPHIA, PA 19153

Report missing package

How was your delivery?



Tracking details

Tracking ID	772043863464
From	Theo Hammond 1818 Market St Suite 3300 PHILADELPHIA, PA, US 19103
To	Philadelphia Dept of Public Health 7801 Essington Avenue Environmental Health Services PHILADELPHIA, PA, US 19153
Ship date	Wed 2/12/2025 04:50 PM
Number of pieces	1
Service	FedEx Standard Overnight
Reference	220181803

Shipper reference	220181803

TRACK SHIPMENT

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Thank you for your business.

ID 1026

Proposal / Confirmation

The Philadelphia Inquirer

100 S. INDEPENDENCE MALL W, STE 600, PHILADELPHIA, PA 19106

Campaign No.	76771
Today's Date	2/12/2025
P.O. Number	
Sales Rep	Nancy Fisher

Bill-To

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1818 Market St
Suite 3300
PHILADELPHIA, PA 19103
Tel: 215 845-8900
Account No: 110234

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1818 Market St
Suite 3300
PHILADELPHIA, PA 19103
Tel: 215 845-8900
Account No: 110234

Campaign Summary

Description Line	Notice of Intent
Start Date	2/14/2025
End Date	2/14/2025

Cost Summary

Total Amount	$1,331.75

Pre-Payment Details

Reference No.	Date	Masked Card No.	Auth. No.	Pre-Payment Amount
No Pre-Payments on this order				

Additional Details

Order Contact Name	
Order Status	User Hold
Production Controller	
Brand Name	Legal Sales
Comments	

Print

Product / PO#	Section / Position	Classified Tree	Start	End	Line ID	Material Status	Color	Ad Size(s)	Qty	Rate	Net Amount
Inquirer Legals		Legals	2/14/2025	2/14/2025	181184			2x28.588	57	$ 1,296.75	$ 1,296.75
Legal Affidavit		Legals	2/14/2025	2/14/2025	181185				1	$ 35.00	$ 35.00

Notification of Receipt
of a Final Report for
Statewide Health Standard
(Sections 302(e)(2), 303(h)(2))

Notice is hereby given that Bellwether District Holdings, LLC formerly known as Philadelphia Energy Solutions Refining and Marketing LLC is submitting a final report to the Department of Environmental Protection, Southeast Regional Office, to demonstrate attainment of the Statewide health standard for a distinct localized area (August 2022 River Road Release Area) on River Road of the former Philadelphia Energy Solutions Refinery Site, located at 3144 West Passyunk Avenue, Philadelphia, PA. Bellwether District Holdings, LLC, formerly known as Philadelphia Energy Solutions Refining and Marketing LLC, has indicated that the remediation measures taken have attained compliance with the Statewide health cleanup standard established under the Land Recycling and Environmental Remediation Standards Act.

This notice is made under the provision of the Land Recycling and Environmental Remediation Standards Act, the Act of May 19, 1995, P.L. #4, No. 2.

The Philadelphia Inquirer
100 S. INDEPENDENCE MALL W, STE 600, PHILADELPHIA, PA 19106

Affidavit of Publication

On Behalf of:
LANGAN ENGINEERING & ENVIRONMENTAL SVRCS
2700 KELLY RD
SUITE 200
WARRINGTON, PA 18976

STATE OF PENNSYLVANIA COUNTY OF PHILADELPHIA:

Before the undersigned authority personally appeared the undersigned who, on oath represented a and say: that I am an employee of The Philadelphia Inquirer, LLC, and am authorized to make this affidavit of publication, and being duly sworn, I depose and say:

1. The Philadelphia Inquirer, LLC is the publisher of the Philadelphia Inquirer, with its headquarters at 100 S. Independence Mall West, Suite 600, Philadelphia, PA 19106.
2. The Philadelphia Inquirer is a newspaper that which was established in in the year 1829, since which date said daily newspaper has been continuously published and distributed daily in the City of Philadelphia, count and state aforesaid.
3. The printed notice or publication attached hereto set forth on attached
hereto was published in all regular print editions of
The Philadelphia Inquirer on

Legal Notices

as published in **Inquirer Legals** in the issue(s) of:

4/2/2025

4. Under oath, I state that the following is true and correct, and that neither I nor The Philadelphia Inquirer, LLC have any is interest in the subject matter of the aforesaid notice or advertisement.

Helene Sweeney

Nancy S. Fisher

Notary Public

My Commission Expires:

Commonwealth of Pennsylvania - Notary Seal
Nancy S Fisher, Notary Public
Philadelphia County
My Commission Expires June 27, 2027
Commission Number 1433937

Ad No: 184350
Customer No: 103312

COPY OF ADVERTISEMENT

Notification of Receipt of a Final Report for Statewide Health Standard (Sections 302(e)(2), 303(h)(2))

Notice is hereby given that Bellwether District Holdings, LLC formerly known as Philadelphia Energy Solutions Refining and Marketing LLC is submitting a final report to the Department of Environmental Protection, Southeast Regional Office, to demonstrate attainment of the Statewide health standard for a distinct localized area (August 2022 River Road Release Area) on River Road of the former Philadelphia Energy Solutions Refinery Site, located at 3144 West Passyunk Avenue, Philadelphia, PA. Bellwether District Holdings, LLC, formerly known as Philadelphia Energy Solutions Refining and Marketing LLC, has indicated that the remediation measures taken have attained compliance with the Statewide health cleanup standard established under the Land Recycling and Environmental Remediation Standards Act.

This notice is made under the provision of the Land Recycling and Environmental Remediation Standards Act, the Act of May 19, 1995, P.L. #4, No. 2.

LANGAN

Technical Excellence
Practical Experience
Client Responsiveness

March 28, 2025

Via Federal Express

Ms. Leigh Anne Rainford
Philadelphia Department of Public Health
Environmental Health Services
7801 Essington Avenue
Philadelphia, PA 19153

RE: Final Report Submission
August 2022 River Road Release Area
The Bellwether District Redevelopment Project
aka Former Philadelphia Energy Solutions (PES) Refinery
3144 West Passyunk Avenue
Philadelphia, Pennsylvania

Dear Ms. Rainford:

Notice is hereby given that Bellwether District Holdings, LLC formally known as Philadelphia Energy Solutions Refining and Marketing LLC is submitting a final report to the Department of Environmental Protection for a distinct localized area (August 2022 River Road Release Area) on River Road of the former Philadelphia Energy Solutions Refinery Site, located at 3144 West Passyunk Avenue, Philadelphia, PA. The report indicates that the remediation performed has attained compliance with the Statewide health cleanup standard.

This notice is made under the provision of the Land Recycling and Environmental Standards Act, the Act of May 19, 1995, P.L. 4, No. 2.

If you have any questions concerning the proposed remediation you may contact Adam Goldberg at (215) 845-8946.

Sincerely,
Langan Engineering & Environmental Services, Inc.

Adam Goldberg, LSRP
Senior Project Manager

enclosures:

Draft of Newspaper Publication
Final Report Summary

cc.

Amy Piccone – BDH
Julianna Connolly – BDH
Jason Hanna, CHMM – Langan
Cortney Savidge, CHMM - Langan
Jeff Smith, PG – Langan
C. David Brown, PG – PADEP

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For DEP Use Only
PF #_____
Rem ID #_____

FINAL REPORT SUMMARY

The Final Report Summary (FRS) is a brief report consisting of set of data required in addition to the Act 2 Final Report. The summary is used in part as a reference to the Final Report Approval Letter which conveys liability relief to the remediator and other applicable persons. It is of value long after the remediation to be used by the public and Department in understanding key information about the site and remediation.

This use is increased by the fact that it will ultimately be merged into the Department's eFACTS system, which allows the public to have the ease of computer access to environmental information at sites. For more information, see www.ahs.dep.pa.gov/eFACTSWeb/default.aspx. Finally, the summary will be used by the Department to help to better assess the status and the level of success of the program. In the past, numbers of sites remediated has been tracked. With the inclusion of this summary information, progress can be tracked in many specific ways, including identification of individual chemical constituents, and the mass treated, removed or managed safely in place.

Identification

Property Name August 2022 River Road Release Area

Property Descriptor Former Philadelphia Energy Solutions Refinery

Address / Location

Address 3144 West Passyunk Avenue

City Philadelphia Zip Code 19145

Municipality(s)Philadelphia County(ies) Philadelphia

Latitude 39 º (deg). 55 ‘ (min) 9.89 “ (sec) Longitude 75 º (deg). 12 ‘ (min) 2.01 “ (sec)

Horizontal Collection Method Geographic Information Systems

Horizontal Reference Datum NAD83 Reference Point See attached Figure 1

Property Specifics

Size of Property 0.0029 acres Number of Sites 1

Combined acreage of sites 0.0029 acres

Remediation

Standards attained or special industrial area attainment. (Check all that apply. Can use multiple.)

☐ Background ☒ Statewide Health ☐ Site-Specific ☐ Special Industrial Area

Proposed future property use - scenario for which the attainment of Statewide Health standard is demonstrated

☐ Residential ☒ Non-residential

List of contaminants

Soils

Chemical Name	CAS Number	Mass Contaminant Treated or Removed (lbs.)	Mass Contaminant Managed on Site (lbs.)
See Table 1 - PADEP SWHS Selection, attached.			

Groundwater

Chemical Name	CAS Number	Mass Contaminant Treated or Removed (lbs.)	Mass Contaminant Managed on Site (lbs.)
N/A			

Remediation

Number of sampling rounds for groundwater attainment: N/A

Special Features

Non-use aquifer approval date: _____

Area-wide background approval date: _____

Amount of waste removed other than soil or groundwater (cubic yards): _____

☐ **Municipal ordinance prohibiting groundwater use:**

☐ **Post remediation care plan:**

Other Programs

☐ Key Site

☐ Multi-site Agreement; Date: _____

☐ Enterprise Zone

☒ Keystone Opportunity Zone

Administrative

☐ Municipality request for public involvement plan

Deed notification

☐ Deed acknowledgment:

☐ Environmental covenant:

Cleanup cost ($): $75,000

Jobs created/saved: Not Applicable

Narrative: Provide property history and description, site characterization findings, site description, summary of remediation, summary of attainment demonstration, description of pathway elimination, engineering and institutional controls, and benefits of land reuse, when applicable.

In August 2022, three Philadelphia Water Department (PWD) subsurface water line leaks occurred along River Road. One of the water leaks caused a breach in the bottom of an underground containment structure (UCS) along River Road. The UCS contained refinery piping which is no longer in use. During a subsequent excavation to investigate the water line leaks, stained soil was observed. Residual oil present in the UCS was believed to be the source of the stained soil. The site is part of a former oil refinery which is currently undergoing redevelopment. The intended future use of the property is commercial/industrial. A remedial investigation has been performed, which consisted of the collection of subsurface soil samples to determine if impacts above non-residential statewide health standards were present. Samples were tested for the Philadelphia Refinery Target Compound list agreed upon with the PADEP. The analytical results of the aforementioned subsurface soil samples did not reveal concentrations of COCs above applicable SWHSs. Thus, a contamination pathway does not exist and engineering and institutional controls are not applicable.

Remediator / Property Owner / Consultant. Complete the form below for *each* recipient obtaining a release of liability upon approval of the final report. Attach additional sheets as necessary.

Remediator

Contact Person/Title Anne R. Garr/Assistant Secretary
eFACTS Client ID* 51-33620

Relationship to Site Remediator/Property Owner
Client Type* Limited Liability Company
(e.g. owner, remediator, participant in cleanup, consultant, etc.)

Phone Number 312-283-4469
Email Address agarr@hilcoglobal.com

Company Name Bellwether District Holdings, LLC formerly known as Philadelphia Energy Solutions Refining and Marketing LLC
EIN or Federal ID #

Street Address 111 South Wacker Drive, Suite 3000

City Chicago
State IL
Zip Code 60606

Property Owner

Contact Person/Title Anne R. Garr/Assistant Secretary
eFACTS Client ID* 51-33620

Relationship to Site Remediator/Property Owner
Client Type* Limited Liability Company
(e.g. owner, remediator, participant in cleanup, consultant, etc.)

Phone Number 312-283-4469
Email Address agarr@hilcoglobal.com

Company Name Bellwether District Holdings, LLC formerly known as Philadelphia Energy Solutions Refining and Marketing LLC
EIN or Federal ID #

Street Address 111 South Wacker Drive, Suite 3000

City Chicago
State IL
Zip Code 60606

Consultant

Contact Person/Title Jeff Smith/Senior Associate
eFACTS Client ID*

Relationship to Site Consultant
Client Type*
(e.g. owner, remediator, participant in cleanup, consultant, etc.)

Phone Number 215-845-8915
Email Address JSmith@langan.com

Company Name Langan Engineering and Environmental Services, LLC
EIN or Federal ID #

Street Address 1818 Market Street, Suite 3300

City Philadelphia
State PA
Zip Code 19103

*Include eFACTS Client ID (if known) – "Client Types" below:

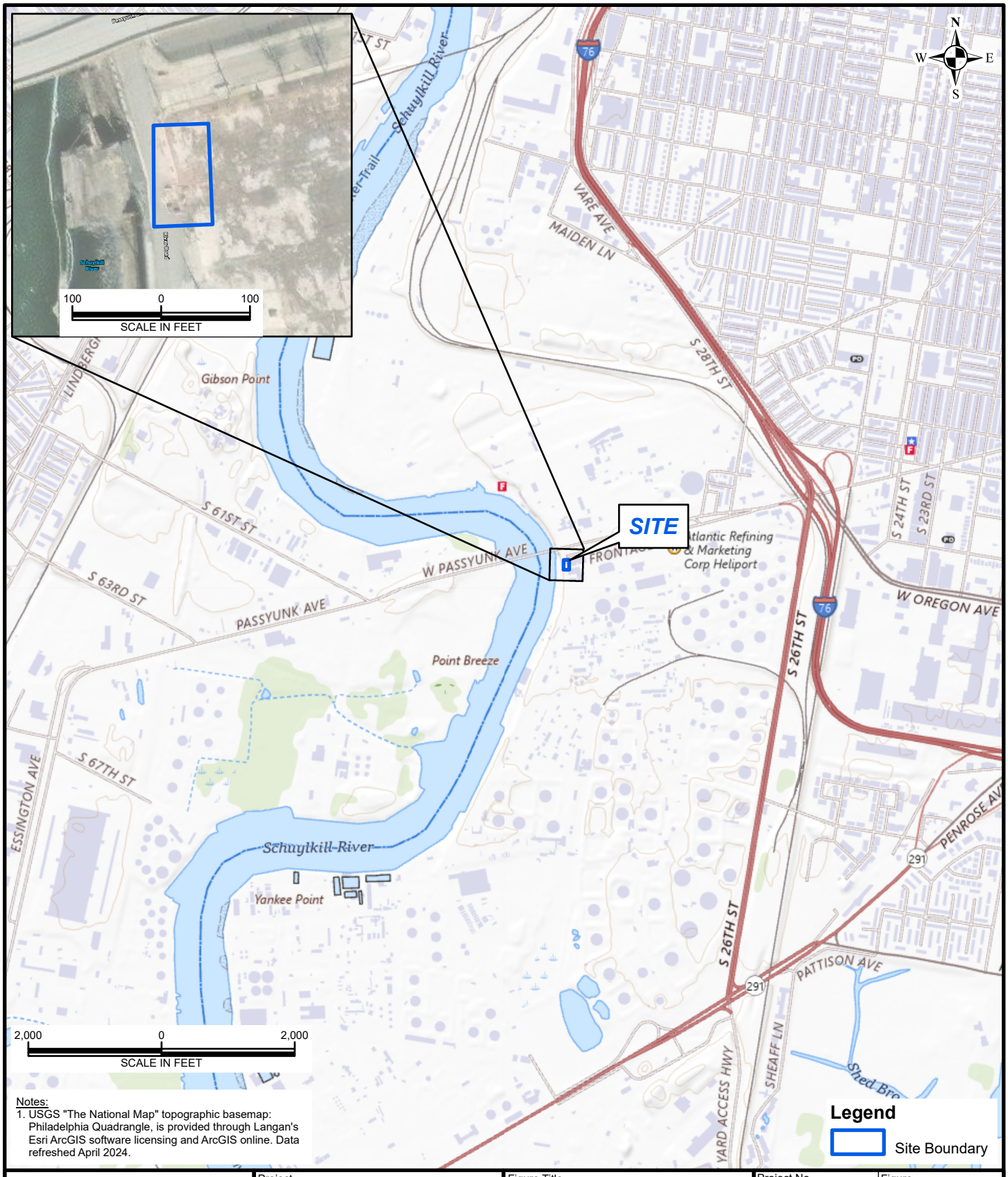
Association/Organization	Limited Liability Company	Partnership-General
Authority	Limited Liability Partnership	Partnership-Limited
County	Municipality	School District
Estate/Trust	Non-Pennsylvania Government	Sole Proprietorship
Federal Agency	Other (Non-Government)	State Agency
Individual	Pennsylvania Corporation	

Attachments: In addition to the data entered in this FRS, the Department requests scanned image(s) of a map view of the site indicating, at a minimum, the boundaries of the "site" relative to the locations of the adjacent property boundaries. The location of the site (as defined by Act 2) is that which will receive the liability relief conveyed by Act 2, Chapter 5. The maps may portray other features but should clearly show the Act 2 site boundaries. You may also attach other applicable image files or attachments. These files should be in Adobe Acrobat (*.pdf), GIF (*.gif) or JPEG file interchange format (*.jpg).

Table 1
Selection of Statewide Health Standards
Bellwether District Holdings, LLC.
Philadelphia, PA

Compound Name	PADEP Non-Residential Direct Contact 0-2 Ft	PADEP Non-Residential Direct Contact 2-15 Ft	PADEP Non-Residential Soil to Groundwater MSC Used Aquifer TDS <=2500 mg/l Unsaturated 100X MSC	PADEP Non-Residential Soil to Groundwater MSC Used Aquifer TDS <=2500 mg/l Unsaturated Generic Value
Benzene	280	330	**0.5**	0.13
1,2-Dibromoethane (EDB)	3.7	4.2	**0.005**	0.0012
1,2-Dichloroethane (EDC)	85	98	**0.5**	0.1
Ethylbenzene	880	1000	**70**	46
Isopropylbenzene	10000	10000	350	**2500**
Methyl Tertiary Butyl Ether (MTBE)	8500	9800	**2**	0.28
Naphthalene	66	77	10	**25**
Toluene	10000	10000	**100**	44
1,2,4-Trimethylbenzene	4700	5400	53	**300**
1,3,5-Trimethylbenzene	4700	5400	53	**93**
Xylenes (Total)	7900	9100	**1000**	990
Anthracene	190000	190000	6.6	**350**
Benzo(a)anthracene	130	190000	0.39	**340**
Benzo(a)pyrene	91	190000	0.02	**46**
Benzo(b)fluoranthene	76	190000	0.055	**610**
Benzo(g,h,i)perylene	190000	190000	0.026	**180**
Chrysene	760	190000	0.19	**230**
Fluorene	130000	190000	190	**3800**
Phenanthrene	190000	190000	110	**10000**
Pyrene	96000	190000	13	**2200**
Lead	1000	190000	0.5	**450**

Underline represents the Non-Residential Statewide Health Standards (SWHS) surface (0-2 feet) criteria used.
Bold represents the Non-Residential Statewide Health Standards (SWHS) subsurface (2-15 feet) criteria used.



Notes:
1. USGS "The National Map" topographic basemap: Philadelphia Quadrangle, is provided through Langan's Esri ArcGIS software licensing and ArcGIS online. Data refreshed April 2024.

LANGAN
Langan Engineering and Environmental Services, LLC

1818 Market Street, Suite 3300
Philadelphia, PA 19103-3638

T: 215.845.8946 F: 215.845.8901
www.langan.com

Project	Figure Title	Project No.	Figure
BELLWETHER DISTRICT REDEVELOPMENT 3144 WEST PASSYUNK AVENUE PHILADELPHIA PENNSYLVANIA	**AUGUST 2022 RIVER ROAD RELEASE AREA**	220181803 Date: 2/20/2025 Scale: 1"=2,000' Drawn By: JF	1

© 2025 Langan

Path: \\langan.com\data\PHL\data8\220181801\Project Data\ArcGIS\APRX\220181801\220181801.aprx Date: 2/20/2025 Time: 8:58 PM User: jfraser

April 01, 2025

Dear Customer,

The following is the proof-of-delivery for tracking number: 880146184856

Delivery Information:

Status:	Delivered	**Delivered To:**	Shipping/Receiving
Signed for by:	X.River	**Delivery Location:**	7801 Essington Avenue
Service type:	FedEx Priority Overnight		Environmental Health Services
Special Handling:	Deliver Weekday		PHILADELPHIA, PA, 19153
		Delivery date:	Mar 31, 2025 11:27

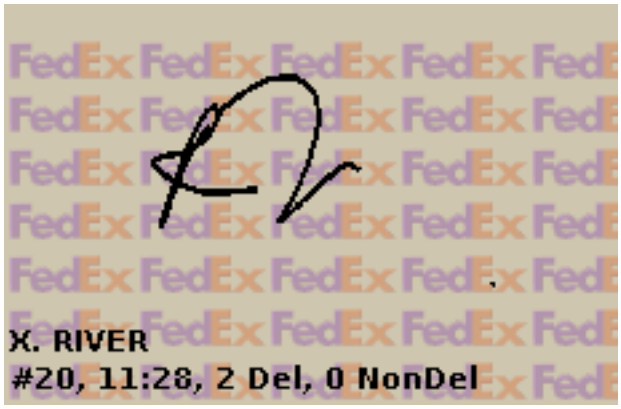
Shipping Information:

Tracking number:	880146184856	**Ship Date:**	Mar 28, 2025
		Weight:	

Recipient:
Ms. Leigh Anne Rainford, Philadelphia Dept of Public Health
7801 Essington Avenue
Environmental Health Services
PHILADELPHIA, PA, US, 19153

Shipper:
Theo Hammond, Langan Engineering
1818 Market St
Suite 3300
PHILADELPHIA, PA, US, 19103

Reference 220181803



Thank you for choosing FedEx

N
W E
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Approximate Release Location

AOI-2

HW-1
HW-2
HW-3
C-HEADER

PGW-MW-13
PGW-MW-23
PGW-MW-2A
PGW-MW-15
PGW-MW-8S
PGW-MW-8D
S-72 4.34
S-72D
S-295 9.10
S-292
S-354 0.91
S-355 3.91
S-423 5.04
S-297
S-357
S-107
RW-602
S-146
S-148
S-145
S-109
S-153 0.91
S-154 -0.45
S-149
S-147
S-337 0.50
S-108
RW-601
S-108 3.93
RW-600
S-110 10.33
S-151
SD-1 11.62
S-152
S-155
S-150 3.60
S-70
S-71 3.92
S-338 2.91
S-105 1.32
S-298 11.01
S-299 3.87
S-335 -0.90
S-336 2.26
S-300 5.51
S-302 2.72
S-302D
S-420 2.58
S-406 2.39
S-318 2.14
S-328 3.71
S-301 4.27
RW-128
RW-104
S-65 1.04
RW-113
RW-129
S-249 0.04
RW-114
RW-125
RW-127
S-248 0.68
RW-115
S-247 0.81
RW-121
RW-120
RW-116
S-333 1.02
S-246A 0.92
RW-119
RW-118
RW-106
RW-117
RW-123
RW-122
RW-124
RW-107
RW-126
S-64 1.64
RW-108
RW-109
S-254 2.13
S-316 4.42
S-317 2.37
S-314 2.27
S-253 2.64
S-313 2.70
S-315
S-316
S-158
S-252 0.97
S-93 1.14
S-306 -0.15
S-63
S-138
S-140 3.33
S-143
S-139 2.83
S-303 3.34
S-141 2.39
RW-101
S-128
PZ-100 2.11
S-142
RW-102
S-62
PZ-101 9.63
RW-100
S-251 1.22
S-129
RW-103
S-144
S-159 2.50
S-348
S-349
S-359 2.93
S-133 3.30
S-131 3.33
S-130
S-156
S-53
S-157
S-91
S-135
S-137 2.70
S-132 2.65
S-136 2.61
S-304 9.51
S-134 2.12
S-92
S-175
S-176
S-174 9.34
S-177 1.54
S-347
S-178 4.94
S-346 1.45
S-167
S-168
S-169
S-48 1.50
S-166 1.99
S-165 1.39
S-305 1.28
S-305D
S-360
S-361 2.58
S-54
S-363
S-362
S-311
S-307 2.35
S-61 1.76
S-309 1.83
S-310 9.15
S-308 3.87
S-422 2.14

0 1 2 3 4 5 6 7 8 9 10

Legend

- S-131 3.33 — Unconfined Aquifer Monitoring Well and Groundwater Elevation (ft. amsl)
- S-93 1.14 — Unconfined Aquifer Recovery Well and Groundwater Elevation (ft. amsl)
- PZ-101 9.63 — Unconfined Aquifer Piezometer and Groundwater Elevation (ft. amsl)
- Well Abandoned/Destroyed/Unable to Locate
- Lower Aquifer Monitoring Well
- Unconfined Aquifer Monitoring Well
- Unconfined Aquifer Recovery Well
- Unconfined Aquifer Piezometer
- Unconfined Aquifer Groundwater Contours (ft. amsl)
- Inferred Unconfined Aquifer Groundwater Contours (ft. amsl)
- Vertical Wall
- Bulkhead
- Pollock Street Sewer
- Horizontal Well
- AOI Boundary
- SD-1 11.62 — Well Not Used in Contouring

Notes:
1. Aerial imagery provided by Nearmap.com, dated 7/29/2015.
2. Area of Interest boundaries referenced from 2011 ALTA/ACSM Land Title Survey, prepared for Sunoco Inc. (R&S).
3. Groundwater elevations were obtained from the August 2016 gauging event performed by Aquaterra Technologies, Incorporated.
4. ft. amsl = feet above mean sea level

Reprinted from July 2017 Remedial Investigation Report for AOI 2, Evergreen, additions in red added by Langan.

Figure 7: Groundwater Elevations (August 2016)
Unconfined Aquifer Wells
AOI-2 Remedial Investigation Report
PES Philadelphia Refining Complex
Philadelphia, Pennsylvania

Philadelphia Refinery Operations
A Series of Evergreen Resources Group, LLC.
2 Righter Parkway, Suite 200
Wilmington, DE 19803

0 75 150 300 Feet

SCALE: 1" = 150'
DATE: March 3, 2017
DRN. BY: HD
CKD. BY: ED
JOB#: 2574602

Path: \\langan.com\data\DYL\data6\2574601\ArcGIS\MapDocuments\AOI 2 RIR 2016\Figure 7 - Unconfined Aquifer Groundwater Elevation Contour Plan (August 2016).mxd Date: 7/17/2017 User: hnunn Time: 10:38:00 AM

N
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S

Approximate Release Location

AOI-2

HW-1
HW-2
HW-3

PGW-MW-13 9.57
PGW-MW-23 10.08
PGW-MW-2A 7.71
PGW-MW-15 7.86
PGW-MW-8S
PGW-MW-8D
S-72D
S-72 4.41
S-295 9.21
S-350 4.43
S-294 4.67
S-294D
S-73
S-351 4.45
S-354 3.53
S-292
S-355 3.89
S-423 5.07
S-297
S-357 5.49
S-298 9.36
S-107
RW-602
S-146
S-148
S-145
S-109
S-153 1.26
S-154 -0.38
S-108 4.20
RW-600
S-110 10.22
S-151
S-152
S-149
S-147
S-337 0.75
S-150 3.65
S-155
SD-1 11.70
S-70
S-71 3.96
S-338
S-106
RW-601
S-105 1.60
S-299 3.70
S-335
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S-302D
S-406 2.75
S-328 3.50
S-301 3.77
RW-128
RW-104
S-65
RW-105
S-249 0.60
RW-115
S-248 1.07
S-247 1.16
S-333 1.33
S-246A 1.53
RW-106
RW-126
RW-107
S-420 2.91
RW-113
RW-129
RW-125
RW-114
RW-127
RW-121
RW-120
RW-116
RW-119
RW-117
RW-118
RW-123
RW-122
RW-124
S-64 3.70
RW-108
RW-109
S-306 1.68
S-316 5.37
S-254 2.56
S-315
S-252 2.07
S-93 2.09
S-63 1.98
S-317 2.61
S-314 2.60
S-253 2.85
S-313 2.90
S-158
S-251 2.16
RW-100
S-318 2.35
S-140 3.28
S-141 2.43
RW-101
S-139 2.45
PZ-100 -0.37
S-303 3.07
S-129
S-128
S-142
S-144
RW-102
S-62
PZ-101 10.86
S-159 2.66
RW-103
S-348
S-349
S-131 3.62
S-133
S-130
S-156
S-53
S-157
S-135
S-137 3.41
S-136 2.80
S-132 2.85
S-359 3.04
C-HEADER
S-304 9.28
S-175
S-176
S-92
S-134 1.36
S-174 9.13
S-177
S-178
S-347
S-169
S-346 1.17
S-167
S-168
S-48 1.27
S-166 1.33
S-165 1.17
S-305 1.05
S-305D
S-360
S-361 2.24
S-54
S-363
S-362
S-61
S-307 2.25
S-422 2.42
S-309 1.74
S-310 7.13
S-311
S-308

Legend

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- SD-1 11.70 — Well Not Used in Contouring

Notes:
1. Aerial imagery provided by Nearmap.com, dated 7/29/2015.
2. Area of Interest boundaries referenced from 2011 ALTA/ACSM Land Title Survey, prepared for Sunoco Inc. (R&S).
3. Groundwater elevations were obtained from the October 2016 gauging event performed by Aquaterra Technologies, Incorporated.
4. ft. amsl = feet above mean sea level
5. Philadelphia Gas Works (PGW) wells were gauged by Environmental Alliance, Inc. on October 26, 2016.

Reprinted from July 2017 Remedial Investigation Report for AOI 2, Evergreen Additions in red added by Langan.

Figure 8: Groundwater Elevations (October 2016) Unconfined Aquifer Wells

AOI-2 Remedial Investigation Report
PES Philadelphia Refining Complex
Philadelphia, Pennsylvania

Philadelphia Refinery Operations
A Series of Evergreen Resources Group, LLC.
2 Righter Parkway, Suite 200
Wilmington, DE 19803

0 75 150 300 Feet

SCALE: 1" = 150'
DATE: March 3, 2017
DRN. BY: HD
CKD. BY: ED
JOB#: 2574602

Path: \\langan.com\data\DYL\data6\2574601\ArcGIS\MapDocuments\AOI 2 RIR 2016\Figure 8 - Unconfined Aquifer Groundwater Elevation Contour Plan (October 2016).mxd Date: 7/17/2017 User: hnunn Time: 10:37:24 AM



Legend

- PIEZOMETER
- RECOVERY WELL
- WATER TABLE MONITORING WELL
- WATER-TABLE ELEVATION CONTOUR (FEET NAVD 88)
- APPROXIMATE LOCATION OF PHILADELPHIA WATER DEPARTMENT SEWER
- LIMITS OF WATER-TABLE WELL CONTROL
- AREA OF INTEREST (AOI)
- BELMONT TERMINAL
- VERIZON SOUTH DISTRICT WORK CENTER (SDWC) PROPERTY
- PHILADELPHIA GAS WORKS (PGW) PASSYUNK FACILITY PROPERTY BOUNDARY
- 4.62 WATER-TABLE ELEVATION (FEET NAVD 88)

Notes

1. Coordinate System: NAD 1983 StatePlane Pennsylvania South FIPS 3702 Feet, North American Vertical Datum of 1988 (NAVD 88)
2. Source: Stantec
3. Callouts denote corrected groundwater elevation in feet. Depth to groundwater was measured in each well to the nearest one-hundredth of a foot using an interface probe. Groundwater remediation systems were in operation during well gauging.
4. Groundwater elevation data was interpolated using block kriging with a linear variogram model in Surfer.
5. Wells not measured during the April/May 2023 event are not displayed and include (but are not limited to) damaged wells, destroyed wells, inaccessible wells, wells with pumps, and wells that were gauged but dry.
6. Wells gauged during April/May 2023 but not utilized for water-table contouring include those containing measurable light, non-aqueous phase liquid, wells screened across a fill-supported perched aquifer, wells intersecting more than one water-bearing unit, wells with fouled screens, a subset of the remediation system wells, and wells excluded from contouring in recent Remedial Investigation Reports. Wells not used for contouring are not displayed.
7. Contour Interval = 1 foot
8. Aerial & Topo Copyright© 2013 National Geographic Society, i-cubed
   PEMA Philadelphia County 2018 Aerial Imagery

Reprinted from July 2023 Groundwater Remediation Status Report, First Half of 2023, additions in red added by Langan.

0 400 800 Feet

1:4,800 (At original document size of 36x48)

N

Figure No.

4

Title

WATER-TABLE GROUNDWATER ELEVATION MAP APRIL/MAY 2023

Client/Project

PHILADELPHIA REFINERY OPERATIONS, A SERIES OF EVERGREEN RESOURCES GROUP, LLC
FORMER PHILADELPHIA REFINERY
3144 PASSYUNK AVENUE, PHILADELPHIA, PA 19145

Project Location

City of Philadelphia,
Philadelphia County,
Pennsylvania

213403363

Prepared by GWC on 7/14/2023
Technical Review by ADK on 7/14/2023
Independent Review by AJW on 7/14/2023

Stantec

EVERGREEN

Disclaimer: Stantec assumes no responsibility for data supplied in electronic format. The recipient accepts full responsibility for verifying the accuracy and completeness of the data. The recipient releases Stantec, its officers, employees, consultants and agents, from any and all claims arising in any way from the content or provision of the data.

LANGAN

SITE OBSERVATION PHOTO LOG

Date	Photo No.
5/1/2024	1

Direction Photo Taken:

Southeast

Description:

View of geophysical scan area, facing southeast.



Date	Photo No.
5/1/2024	2

Direction Photo Taken:

North

Description:

View of geophysical scan area, facing north.



LANGAN

SITE OBSERVATION PHOTO LOG

Date	Photo No.
5/3/2024	3

Direction Photo Taken:

Northeast

Description:

View of ECDI conducting direct push drilling operations.



Date	Photo No.
8/15/2024	4

Direction Photo Taken:

West

Description:

West facing view of Subject Site area pre-sampling.



LANGAN

SITE OBSERVATION PHOTO LOG

Date	Photo No.
8/15/2024	5

Direction Photo Taken:

East

Description:

East facing view of Subject Site pre-sampling.



Date	Photo No.
8/15/2024	6

Direction Photo Taken:

North

Description:

North facing view of Subject Site pre-sampling.



LANGAN

SITE OBSERVATION PHOTO LOG

Date	Photo No.
8/15/2024	7

Direction Photo Taken:

West

Description:

View of stained areas within the Subject Site.



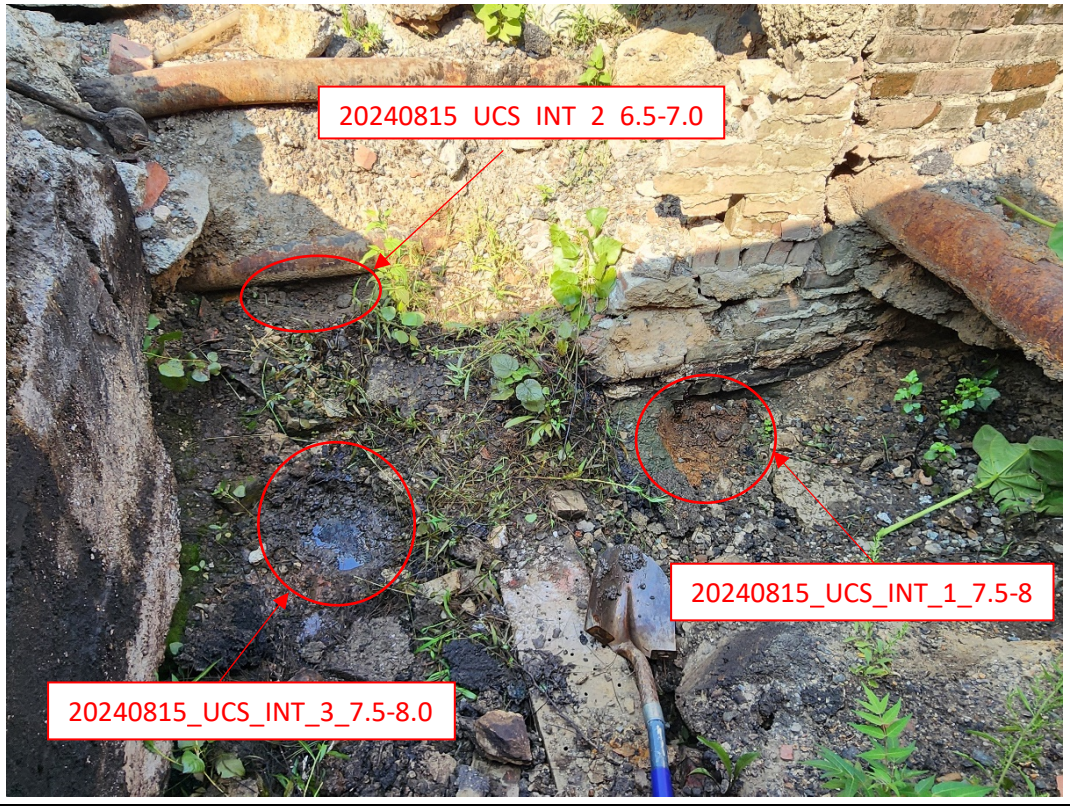
Date	Photo No.
8/15/2024	8

Direction Photo Taken:

West

Description:

View of sampling locations and sample IDs.



Summit Drilling, LLC
629 Wright Debow Road
Jackson, NJ 08527
Phone: (888)-204-3266
Fax: (732)-356-1009

May 9, 2024
Job No. 24-134G

Vincent Carbone
Langan
1818 Market Street, Suite 3300
Philadelphia, PA 19103

Subject: Geophysical Investigation Results
Philadelphia Oil Refinery (Frontage Road)
Philadelphia, PA 19153

Dear Vincent,

Summit Drilling, LLC (Summit), has prepared this report for Langan of Philadelphia, Pennsylvania to describe the methods and results of a geophysical investigation conducted at the Philadelphia Oil Refinery (Frontage Road) site in Philadelphia, Pennsylvania. The investigation areas for this project included a portion of Schuylkill Avenue and to the southeast of the Schuylkill Avenue and Frontage Road intersection as well as specific proposed drilling locations as defined by Langan field personnel. The field work for this investigation was completed by Summit on May 1, 2024.

Objectives

The primary objective of this investigation was to continue tracing the buried utility tunnel and utility lines detected during a previous investigation throughout the investigation area expanding south along Schuylkill Avenue and to the east of Schuylkill Avenue and south of Frontage Road, as well as locate additional potential buried utility lines in the expanded investigation area. The secondary objective was to locate potential buried anomalies or utility pipelines within the immediate vicinity of twelve (12) proposed drilling locations. To meet these objectives Summit used an EM31 electromagnetic conductivity instrument (EM31) by Geonics, Inc., a GSSI Ground Penetrating Radar (GPR) system with a 400-megahertz (MHz) antenna, an RD7000 Radio frequency instrument by RadioDetection, Inc., and a hand-held electromagnetic (HHEM) Fisher TW-6 M-Scope.

Instrumentation

Geonics EM31 Ground Conductivity Method

The EM31 terrain conductivity meter by Geonics was used to measure the presence and location of buried metal targets around the site. The EM31 is a one-man, portable system that induces a sinusoidal, 9.8 kilohertz (kHz) signal into the ground. The transmitted signal induces eddy currents into the subsurface materials, which, in turn, generate a secondary magnetic field that is measured by the receiver coil. The electromagnetic (EM) method uses the principle of electromagnetic induction to measure the variability of electrical conductivity of subsurface materials and the presence of buried metal objects. Significant contrasts in the electrical properties between non-indigenous materials and surrounding soil enable accurate delineation of buried waste materials, fill, and air spaces. The large EM response to metal makes this technique particularly well suited for identifying buried metal objects such as buried drums, pipelines, reinforced building foundations, or other metal components of buried structures within the upper 15 feet of the subsurface. This instrument is equally sensitive to metal objects on the ground surface, and it is important to take diligent field notes that indicate the position of surface metal to avoid misinterpretation. Two measurements are recorded at each station point; the in-phase response, which is

measured in parts per thousand (ppt), and the quadrature response, which is measured in milliSeimens per meter (mS/m). For the interpretation of non-metallic, high-conductivity targets such as buried wastes, the quadrature response is more discriminative. Metal objects are typically better indicated with the in-phase response. The EM data can be viewed in contour or profile format, or the data can be acquired in a scan mode.

Ground-Penetrating Radar (GPR)

Ground-penetrating radar (GPR) is a near surface geophysical method based on the transmission of repetitive, high-frequency electromagnetic (EM) pulses emitted from a transmitting antenna to probe the Earth. The EM pulses emitted from the transmitting antenna propagate through the subsurface at a velocity that is directly related to the electrical properties of the subsurface. When an EM wave contacts an interface of differing electrical properties (e.g., dielectric constant), part of that energy is returned to the surface in the form of a reflected signal. The reflected signal is detected by a receiving transducer, displayed on the control screen, and recorded on an internal hard drive. The control unit records a continuous cross-section of the subsurface by plotting the two-way travel time of the EM pulse, relative to the distance traveled by the GPR antenna along to the ground surface. To determine depth, two-way travel time values are converted using known soil velocity functions. GPR field procedures include: system calibration, test run completion, and profile collection and interpretation. GPR data collected in the field can be analyzed both in the field and in the office, should further analysis be required.

Radio Frequency Method (RF)

The instrument consists of a receiver/tracer and a remote transmitter, which operates at frequencies between 8 kilohertz (kHz) and 200 kHz. The unit provides audio and visual feedback to the operator when a utility that is coupled with the transmitted signal is crossed. The transmitter provides a radio-frequency signal in the utility to be traced by either induction coupling or direct hookup. The receiver output provides measured field strength of the received signal and varies an audible pitch that is dependent upon the distance to the utility. By carefully adjusting the gain of the receiver, it is possible to determine the location of the utility and to separate it from possible adjacent utilities. In addition, the receiver can be used in 60kHz passive mode to identify active electrical lines or lines that possess an induced current.

Fisher TW-6 M-Scope

The M-Scope is a hand-held electromagnetic (HHEM) instrument used to detect the presence of buried metallic objects such as buried drums, metallic conduits, or miscellaneous metallic debris buried within the upper 3 to 5 feet of the subsurface. The Fisher M-Scope uses the principles of electromagnetic induction. A primary coil broadcasts a radio signal from a transmitting antenna, and induces secondary electrical currents along buried metallic objects. This secondary electrical current in turn produces a secondary magnetic field, which is then detected by a receiving antenna. Peak responses are observed when the instrument is moved directly over a metallic object. Peak responses are observed by the operator in real time using the analog meter and audible output signals.

Results and Discussions

EM31 Survey & Buried Utilities

Summit collected EM31 data throughout the investigation area where accessible and generated in-phase response and quadrature response contour maps (**Figure 1** and **Figure 2**, respectively). **Figure 3** shows all detected features without the overlain contour maps. The suspected buried utility tunnel identified during a previous investigation continues south beneath Frontage Road as shown on the attached figures and additional buried unknown lines

and an unknown line trench appear to be running East from Schuylkill Avenue. Please note, close proximity of buried lines and the presence of former building slabs/demolition debris causes irregular EM responses and interference which could affect our ability to identify additional buried pipelines.

Summit identified buried utility lines within the investigation area including electric, natural gas, water, storm sewer, and unknown lines. Please note, majority of the buried lines illustrated on the attached figures are based on existing paint marked out during a previous investigation. All detected piping was marked in the field using a combination of chalk, spray paint, and colored pin flags. The lines are annotated on the attached figures following the American Public Works Association (APWA) uniform color code standards for utility mark-outs. See **Table 1** below for APWA color code standards.

Table 1: APWA Uniform Color Code Standards for Utility Mark-outs

Color		Designation
Red		Electric power lines, cables or conduit
Orange		Telecommunication, alarm and signal lines
Green		Sanitary or storm sewer, drainage lines
Yellow		Gas, oil, steam, petroleum, or gaseous material
Blue		Potable water lines
White		Proposed intrusive work (drilling/ excavating)
Pink		Temporary survey markings/ geophysical anomaly
Purple		Reclaimed water, irrigation, and slurry lines

Proposed Drilling Locations

Summit investigated a total of twelve (12) proposed drilling locations. All locations selected as a final drilling point displayed geophysical characteristics which were not indicative of buried utility pipelines or anomalous zones that may adversely affect drilling operations. Summit determined these points as final when the RF and HHEM instrument responses were constant and when GPR responses did not indicate the presence of buried objects. These locations were marked on the ground with white spray paint as a dot inside a circle. Generic identification numbers were assigned to the proposed drilling locations for reference within this report. The drilling locations are indicated on **Figure 1** through **Figure 3**. See **Table 2** below for the approximate coordinates of the proposed drilling locations. These coordinates were not collected by a licensed surveyor and should be considered approximate.

Table 2: Proposed Drilling Location Coordinates (PA State Plane)

Designation	Northing (U.S. Survey Feet)	Easting (U.S. Survey Feet)
SB-1	223996	2683422
SB-2	223938	2683476
SB-3	223897	2683445
SB-4	223887	2683476
SB-5	223838	2683459
SB-6	223822	2683460
SB-7	223798	2683477
SB-8	223784	2683481
SB-9	223771	2683484
SB-10	223796	2683523
SB-11	223826	2683522
SB-12	223848	2683522

Data Quality and Closing

Penetration of GPR signals within the subsurface in the investigation areas on this project extended to depths between approximately 2.0'-3.0' bgs and EM31 signals penetrated to an approximate depth of 15 feet bgs. The RF instrument encountered minimal interference throughout the investigation area and the M-Scope instrument encountered interference where surface metals and reinforced concrete were present.

The interpretations made in this report are based on measured geophysical responses and visual observations made in the field using the best available equipment and techniques. The geophysical data collection and interpretation methods used in this investigation are consistent with standard practices applied to similar geophysical investigations. The correlation of geophysical responses is based on past results of similar surveys, although it is possible that some variation could exist at this site. Due to the nature of geophysical data, no guarantees have been made or inferred regarding the presence or absence of additional objects or targets beyond those identified or beyond the detection limits of the instrumentation used in this investigation. Summit does not accept responsibility for survey limitations due to inherent technological limitations or unforeseen and varying site-specific conditions. In practical terms, Summit serves to reduce the risk of encountering subsurface infrastructure during intrusive operations or greatly increase the chance of locating underground targets depending on the goal of the project.
If you should have any questions or concerns, please do not hesitate to contact us.

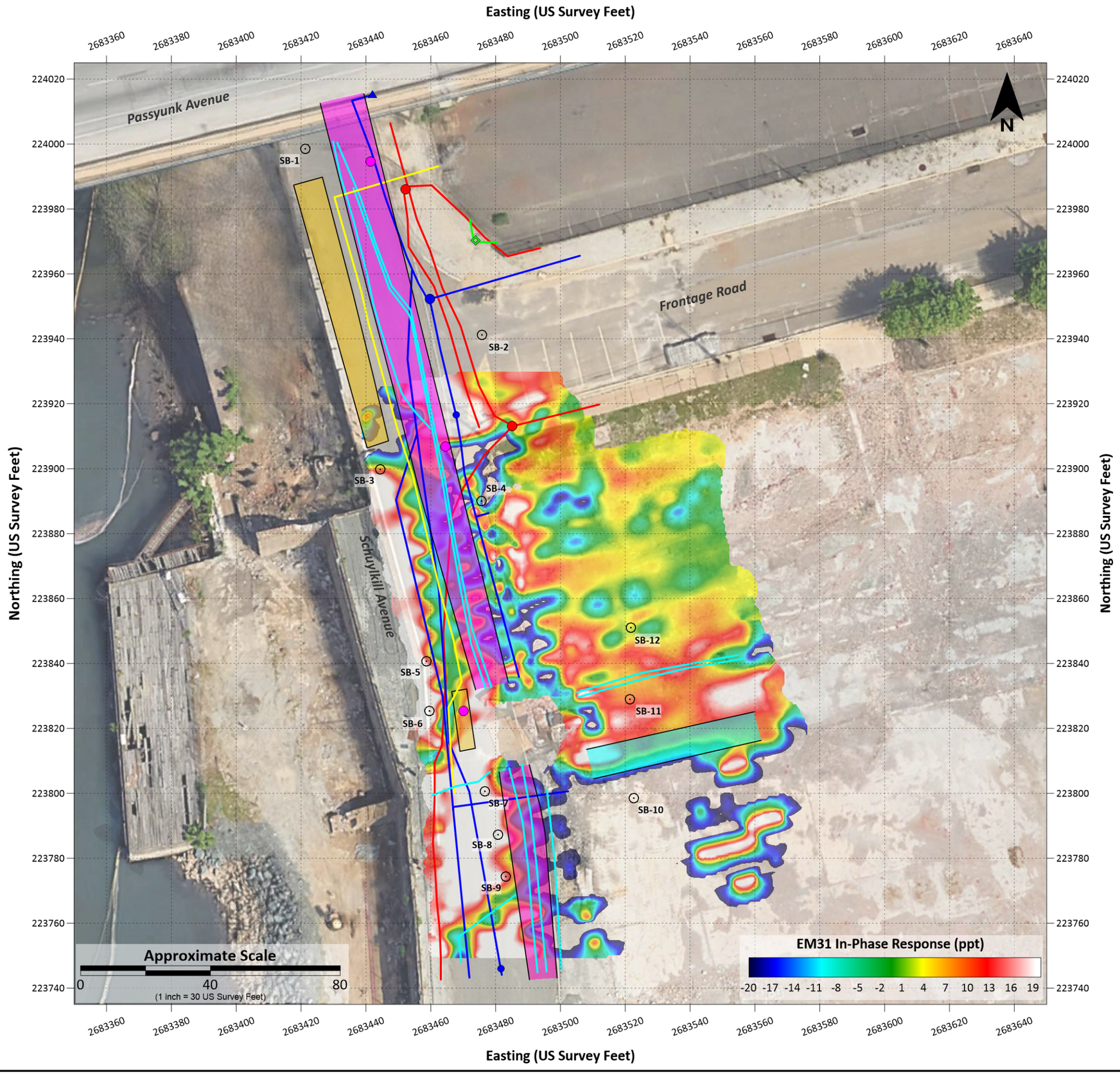
Sincerely,

Summit Drilling, LLC
Geophysics Group

Thomas J. Huckin Jr., G.I.T.
Staff Geophysicist

Attachments:

Figure 1: Annotated Georeferenced Orthophoto Showing EM31 In-Phase Response Contour Map, Buried Utilities & Site Features
Figure 2: Annotated Georeferenced Orthophoto Showing EM31 Quadrature Response Contour Map, Buried Utilities & Site Features
Figure 3: Annotated Georeferenced Orthophoto Showing Buried Utilities & Site Features



Approximate Drilling Location Coordinates (PA State Plane):

Drilling Point Designation	Northing (US Survey Feet)	Easting (US Survey Feet)
SB-1	223996	2683422
SB-2	223938	2683476
SB-3	223897	2683445
SB-4	223887	2683476
SB-5	223838	2683459
SB-6	223822	2683460
SB-7	223798	2683477
SB-8	223784	2683481
SB-9	223771	2683484
SB-10	223796	2683523
SB-11	223826	2683522
SB-12	223848	2683522

Legend:

- Electric Manhole
- Hydrant
- Water Manhole
- Water Valve
- Storm Grate
- Unknown Manhole
- Suspect Utility Tunnel
- Reinfoced Concrete Slab
- Proposed Drilling Location
- Electric Line
- Gas Line
- Water Line
- Storm Sewer Line
- Unknown Line
- Unknown Line Trench

Notes:

(1) The primary objective of this investigation was to continue tracing the buried utility tunnel and utility lines detected during a previous investigation throughout the investigation area expanding south along Schuylkill Avenue and to the east of Schuylkill Avenue and south of Frontage Road, as well as locate additional potential buried utility lines in the expanded investigation area. The secondary objective was to locate potential buried anomalies or utility pipelines within the immediate vicinity of twelve (12) proposed drilling locations. To meet these objectives Summit used an EM31 electromagnetic conductivity instrument (EM31) by Geonics, Inc., a GSSI Ground Penetrating Radar (GPR) system with a 400-megahertz (MHz) antenna, an RD7000 Radio frequency instrument by RadioDetection, Inc., and a hand-held electromagnetic (HHEM) Fisher TW-6 M-Scope.

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The suspected buried utility tunnel identified during a previous investigation continues south beneath Frontage Road as shown on the attached figures and additional buried unknown lines and an unknown line trench appear to be running East from Schuylkill Avenue. Please note, close proximity of buried lines and the presence of former building slabs/ demolition debris causes irregular EM responses and interference which could affect our ability to identify additional buried pipelines.
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(4) The positions of buried pipelines and features should be considered approximate. Refer to field markings for actual positions. The items on this figure may not be all inclusive. Summit does not warrant the fact that additional buried features may be present at this site.

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Geophysics • Drilling • Remediation
An Exceptional Experience
629 WRIGHT DEBOW ROAD
JACKSON, NJ 08527

PHILADELPHIA OIL REFINERY (FRONTAGE ROAD) ANNOTATED GEOREFERENCED ORTHOPHOTO SHOWING EM31 IN-PHASE RESPONSE CONTOUR MAP, PROPOSED DRILLING LOCATIONS, BURIED UTILITIES & SITE FEATURES

ADDRESS: FRONTAGE ROAD, PHILADELPHIA, PA 19153

CLIENT: LANGAN

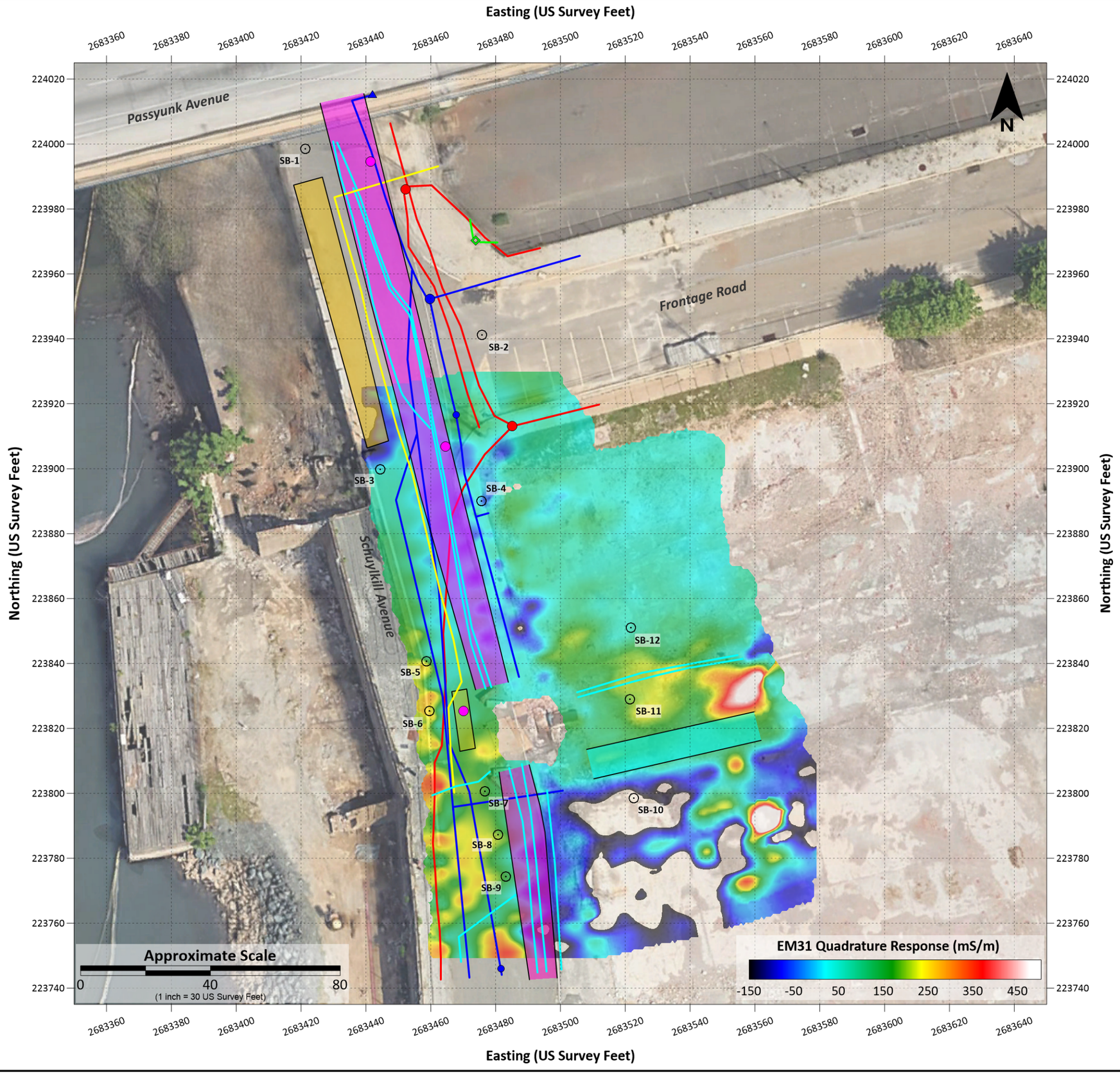
PROJECT: 24-134G

SUMMIT DRILLING, LLC

MAY 9, 2024

DRAWN BY: T. HUCKIN, G.I.T., STAFF GEOPHYSICIST

FIGURE 1



Approximate Drilling Location Coordinates (PA State Plane):

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SB-8	223784	2683481
SB-9	223771	2683484
SB-10	223796	2683523
SB-11	223826	2683522
SB-12	223848	2683522

Legend:

- Electric Manhole
- Hydrant
- Water Manhole
- Water Valve
- Storm Grate
- Unknown Manhole
- Suspect Utility Tunnel
- Reinfoced Concrete Slab
- Proposed Drilling Location
- Electric Line
- Gas Line
- Water Line
- Storm Sewer Line
- Unknown Line
- Unknown Line Trench

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JACKSON, NJ 08527

PHILADELPHIA OIL REFINERY (FRONTAGE ROAD)
ANNOTATED GEOREFERENCED ORTHOPHOTO SHOWING EM31 QUADRATURE RESPONSE CONTOUR MAP, PROPOSED DRILLING LOCATIONS, BURIED UTILITIES & SITE FEATURES

ADDRESS: FRONTAGE ROAD, PHILADELPHIA, PA 19153

CLIENT: LANGAN

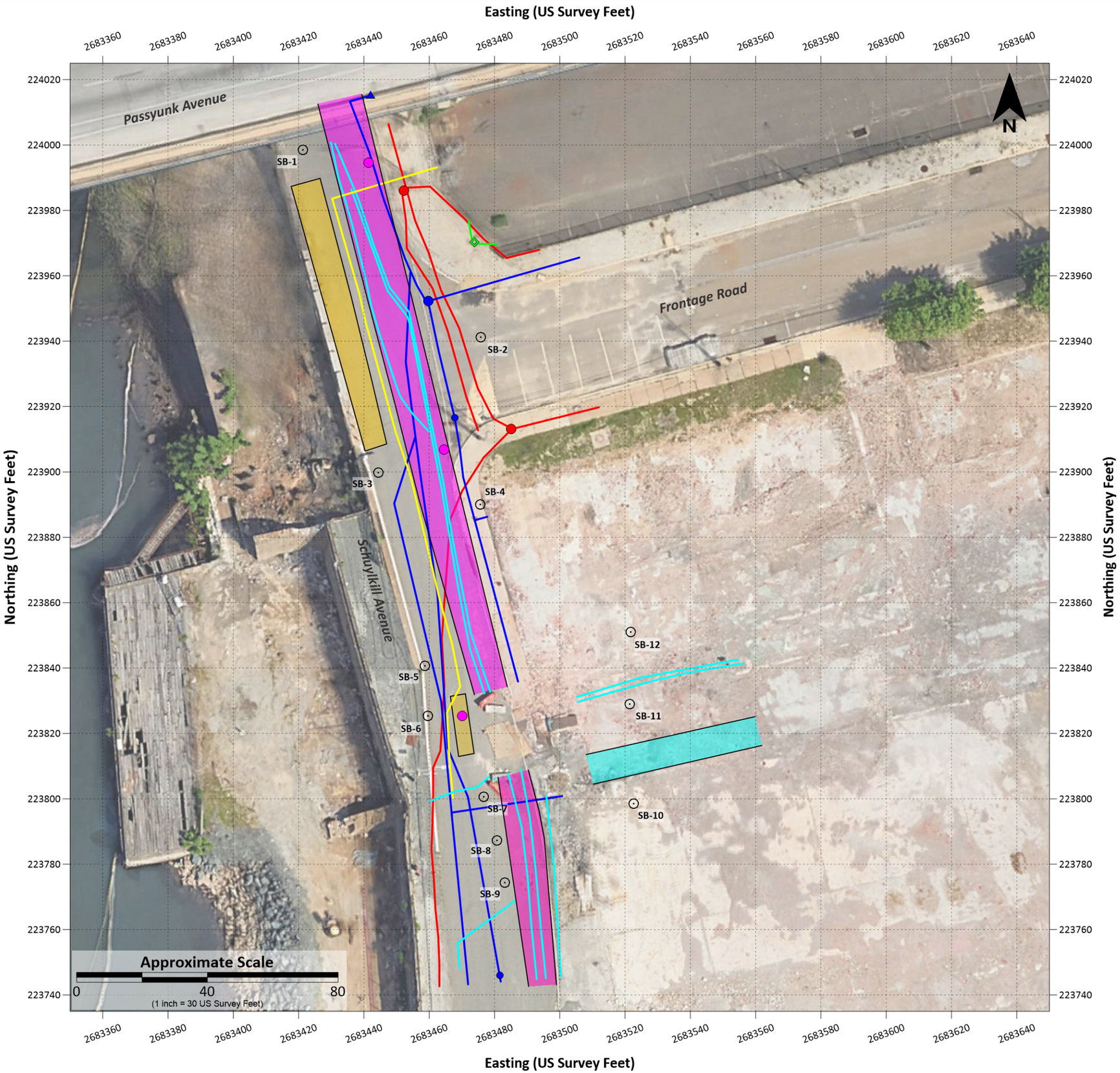
PROJECT: 24-134G

SUMMIT DRILLING, LLC

MAY 9, 2024

DRAWN BY: T. HUCKIN, G.I.T., STAFF GEOPHYSICIST

FIGURE 2



Approximate Drilling Location Coordinates (PA State Plane):

Drilling Point Designation	Northing (US Survey Feet)	Easting (US Survey Feet)
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JACKSON, NJ 08527

PHILADELPHIA OIL REFINERY (FRONTAGE ROAD) ANNOTATED GEOREFERENCED ORTHOPHOTO SHOWING PROPOSED DRILLING LOCATIONS, BURIED UTILITIES & SITE FEATURES

ADDRESS: FRONTAGE ROAD, PHILADELPHIA, PA 19153

CLIENT: LANGAN

PROJECT: 24-134G

SUMMIT DRILLING, LLC

MAY 9, 2024

DRAWN BY: T. HUCKIN, G.I.T., STAFF GEOPHYSICIST

FIGURE 3

LANGAN

Log of Boring **240503-PWD-SOIL-4** Sheet 1 of 2

Project: August 2022 River Road Release Area	Project No.: 220181803
Location: 3144 W Passyunk Ave. Philadelphia, PA	Elevation and Datum: N/A
Drilling Company: East Coast Drilling, Inc.	Date Started: 5/3/2024 — Date Finished: 5/3/2024
Drilling Equipment: Geoprobe 7822 DT	Completion Depth: 25.0 ft — Rock Depth: Not Encountered
Size and Type of Bit: 2" x 5' Direct Push Internal Sampler	Number of Samples: Disturbed 4, Undisturbed 0, Core 0
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First ▽ N/A, Completion ▼ N/A, 24 HR. ▼ N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Andrew Mackiewicz
Sampler: Macrocore, Acetate Liner	Field Engineer: Samantha Chubb
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A		0						Start Drilling: 0 ft, 5/3/2024 9:20:51 AM
			1						
			2		DIST	0/60			
			3						
			4						
	N/A		5						Location was soft dig using an air knife. There was no recovery in the first 5 feet.
	N/A	Dark grayish tannish tan to black SAND, gravel fragments, some clay (dry) [FILL]		M-1A				0.0	
		Light brown CLAY, trace sand (moist) [CL]	6					0.0	Collected sample 240503_PWD_SOIL4_6.0-6.5 for VOCs, SVOCs, and Lead.
			7	M-1B	Macrocore	54/60		0.0	
			8					0.0	
								0.0	
		Light brown to orangish tan coarse to medium SAND (moist) [SP]	9	M-1C				0.0	
			10					0.0	
								0.0	
			11					0.0	
								0.0	
			12	M-2	Macrocore	41/60		0.0	
								0.0	
			13					0.0	
								0.0	
			14					0.0	
								0.0	
			15					0.0	
								0.0	
			16						

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Log of Boring **240503-PWD-SOIL-4**

Project	Project No.
August 2022 River Road Release Area	220181803
Location	**Elevation and Datum**
3144 W Passyunk Ave. Philadelphia, PA	N/A

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A	Light brown to orangish tan coarse to medium SAND, gravel fragments (moist) [CL]	16					0.0	
			17	M-3	Macrocore	38/60		0.0	
			18					0.0	
			19					0.0	
			20					0.0	
			21	M-4	Macrocore	53/60		0.0	
			22					0.0	
			23					0.0	
			24					0.0	
	N/A	End of Boring at 25.0ft.	25					0.0	Bottom of boring: 25 ft, t the end of this note: No odors noted throughout boring 5/3/2024 9:55:20 AM
			26						
			27						
			28						
			29						
			30						
			31						
			32						
			33						
			34						
			35						
			36						

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Log of Boring **240503-PWD-SOIL-5** Sheet 1 of 2

Project: August 2022 River Road Release Area	Project No.: 220181803
Location: 3144 W Passyunk Ave. Philadelphia, PA	Elevation and Datum: N/A
Drilling Company: East Coast Drilling, Inc.	Date Started: 5/3/2024 — Date Finished: 5/3/2024
Drilling Equipment: Geoprobe 7822 DT	Completion Depth: 25.0 ft — Rock Depth: Not Encountered
Size and Type of Bit: 2" x 5' Direct Push Internal Sampler	Number of Samples: Disturbed 4 — Undisturbed 0 — Core 0
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First ▽ N/A — Completion ▼ N/A — 24 HR. ⧩ N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Andrew Mackiewicz
Sampler: Macrocore, Acetate Liner	Field Engineer: Samantha Chubb
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A		0						Start Drilling: 0 ft, 5/3/2024 10:19:43 AM ;
			1						
			2		DIST	0/60			
			3						fill 0-3 ft bgs. crushed brick, asphalt and concrete
			4						
	N/A		5					0.0	Location was soft dig using an air knife. There was no recovery in the first 5 feet.
		Light brown to gray CLAY, some sand (moist) [CL]	6					0.0	
								0.0	Collected sample 240503_PWD_SOIL5_6.0-6.5 for VOCs, SVOCs, and Lead.
			7	M-1	Macrocore	38/60		0.0	
			8					0.0	
			9					0.0	
			10					0.0	
		Light orangish tan to brown SAND, some silt, some crushed asphalt (moist) [CL]	11					0.0	
								0.0	
			12	M-2	Macrocore	35/60		0.0	
			13					0.0	
			14					0.0	
			15					0.0	
			16					0.0	

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Log of Boring **240503-PWD-SOIL-5**

Project	Project No.
August 2022 River Road Release Area	220181803
Location	**Elevation and Datum**
3144 W Passyunk Ave. Philadelphia, PA	N/A

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A	Light orangish tan to brown SAND, some silt, some crushed asphalt (moist) [CL]	16–20	M-3	Macrocore	48/60		0.0	
			20–25	M-4	Macrocore	49/60		0.0	
	N/A	End of Boring at 25.0ft.	25					0.0	Bottom of boring: 25 ft, No odors noted throughout boring. 5/3/2024 11:00:00 AM

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Log of Boring **240503-PWD-SOIL-6** Sheet 1 of 2

Project: August 2022 River Road Release Area	Project No.: 220181803
Location: 3144 W Passyunk Ave. Philadelphia, PA	Elevation and Datum: N/A
Drilling Company: East Coast Drilling, Inc.	Date Started: 5/3/2024 — Date Finished: 5/3/2024
Drilling Equipment: Geoprobe 7822 DT	Completion Depth: 25.0 ft — Rock Depth: Not Encountered
Size and Type of Bit: 2" x 5' Direct Push Internal Sampler	Number of Samples: Disturbed 4 — Undisturbed 0 — Core 0
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First ▽ N/A — Completion ▼ N/A — 24 HR. ▼ N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Andrew Mackiewicz
Sampler: Macrocore, Acetate Liner	Field Engineer: Samantha Chubb
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A		0						Start Drilling: 0 ft, 5/3/2024 11:15:00 AM
			1						
			2						
			3		DIST	0/60			
			4						
			5					0.0	Location was soft dig using an air knife. There was no recovery in the first 5 feet.
	N/A	Light reddish brown to tan SAND, gravel fragments, some sand, crushed concrete and asphalt (dry) [FILL]		M-1A				0.0	
			6					0.0	
	N/A	Light brown CLAY, trace sand (moist) [CL]		M-1B				0.0	Collected sample 240503_PWD_SOIL6_6.0-6.5 for VOCs, SVOCs, and Lead.
	N/A	Tan to orangish brown SAND, includes some river rock (moist)	7					0.0	
					Macrocore	41/60		0.0	
			8	M-1C				0.0	
			9					0.0	
								0.0	
	N/A		10					0.0	
		Tan to orangish brown SAND, includes some river rock (moist) [SP]						0.0	
			11					0.0	
								0.0	
			12					0.0	
				M-2	Macrocore	37/60		0.0	
			13					0.0	
								0.0	
			14					0.0	
								0.0	
			15					0.0	
								0.0	
			16						

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Log of Boring **240503-PWD-SOIL-6**

Project	Project No.
August 2022 River Road Release Area	220181803
Location	**Elevation and Datum**
3144 W Passyunk Ave. Philadelphia, PA	N/A

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A	Tan to orangish brown SAND, includes some river rock (moist) [SP]	16–20	M-3	Macrocore	43/60		0.0	
			20–25	M-4	Macrocore	53/60		0.0	
	N/A	End of Boring at 25.0ft.	25					0.0	Bottom of boring: 25 ft, No odors noted throughout boring. 5/3/2024 11:30:15 AM

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Log of Boring **240503-PWD-SOIL-7** Sheet 1 of 2

Project: August 2022 River Road Release Area	Project No.: 220181803
Location: 3144 W Passyunk Ave. Philadelphia, PA	Elevation and Datum: N/A
Drilling Company: East Coast Drilling, Inc.	Date Started: 5/3/2024 — Date Finished: 5/3/2024
Drilling Equipment: Geoprobe 7822 DT	Completion Depth: 25.0 ft — Rock Depth: Not Encountered
Size and Type of Bit: 2" x 5' Direct Push Internal Sampler	Number of Samples: Disturbed 7 — Undisturbed 0 — Core 0
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First ▽ N/A — Completion ▼ N/A — 24 HR. ⧩ N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Andrew Mackiewicz
Sampler: Macrocore, Acetate Liner	Field Engineer: Samantha Chubb
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A		0						Start Drilling: 0 ft, 5/3/2024 11:45:00 AM
			1						
			2		DIST	0/60			
			3						
			4						
			5					0.0	Location was soft dig using an air knife. There was no recovery in the first 5 feet.
	N/A	Dark gray to tan SAND, includes some crushed concrete, crushed brick, crushed asphalt (dry) [FILL]		M-1A				0.0	
			6					0.0	
	N/A	Tan to orangish brown SAND, includes some river rock (moist)						0.0	Collected sample 240503_PWD_SOIL7_6.0-6.5 for VOCs, SVOCs, and Lead.
			7					0.0	
				M-1B	Macrocore	15/60		0.0	
			8					0.0	
					Macrocore	38/60		0.0	
			9					0.0	
								0.0	
			10	M-2A				0.0	
	N/A							0.0	
		Dark gray SAND, includes crushed asphalt [FILL]	11	M-2B				0.0	
	N/A							0.0	
		Light tank to orangish brown SAND, includes trace river rocks (moist)	12		Macrocore	12/60		0.0	
				M-2C	Macrocore	12/60		0.0	
			13					0.0	
					Macrocore	32/60		0.0	
			14					0.0	
								0.0	
			15					0.0	
								0.0	
			16						

LANGAN

Log of Boring **240503-PWD-SOIL-7**

Project	Project No.
August 2022 River Road Release Area	220181803
Location	**Elevation and Datum**
3144 W Passyunk Ave. Philadelphia, PA	N/A

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A		16					0.0	
			17	M-3	Macrocore	48/60		0.0	
			18					0.0	
			19					0.0	
			20					0.0	
			21	M-4	Macrocore	52/60		0.0	
			22					0.0	
			23					0.0	
	N/A		24					0.0	
		Dark gray SAND, includes crushed asphalt [FILL]						0.0	Bottom of boring: 25 ft, No odors noted throughout boring. 5/3/2024 12:15:00 AM
	N/A		25					0.0	
		End of Boring at 25.0ft.	26						
			27						
			28						
			29						
			30						
			31						
			32						
			33						
			34						
			35						
			36						

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Log of Boring **240502-TW1** Sheet 1 of 1

Project: August 2022 River Road Release Area	Project No.: 220181803
Location: 3144 W Passyunk Ave. Philadelphia, PA	Elevation and Datum: N/A
Drilling Company: East Coast Drilling, Inc.	Date Started: 5/2/2024 — Date Finished: 5/2/2024
Drilling Equipment: Geoprobe 7822 DT	Completion Depth: 15.0 ft — Rock Depth: Not Encountered
Size and Type of Bit: 2" x 5' Direct Push Internal Sampler	Number of Samples: Disturbed 2 — Undisturbed 0 — Core 0
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First ▽ N/A — Completion ▼ N/A — 24 HR. ⧩ N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Andrew Mackiewicz
Sampler: Macrocore, Acetate Liner	Field Engineer: Samantha Chubb
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	N/A		0						Start Drilling: 0 ft, 5/2/2024 10:15:00 AM
			1						
			2						
			3						
			4						
	N/A		5						Location was soft dig using an air knife. There was no recovery in the first 5 feet.
		Light gray coarse GRAVEL (dry) [Fill]						0.0	
			6	M-1A				0.0	
	N/A		7		Macrocore	38/60		0.0	
		Dark grayish tan coarse SAND (wet) [SP]	8	M-1B					
			9	M-1C					
		Dark grayish brown CLAY (moist) [CL]							
	N/A		10					0.0	
		Dark grayish brown CLAY (moist) [CL]						0.3	
			11					2.4	
								1.8	
			12	M-2	Macrocore	54/60		3.2	
								7.4	
			13					14.8	
								10.4	
			14					3.6	
	N/A							3.8	
		End of Boring at 15.0ft.	15						1-inch PVC Temp Well. Screened Interval from 5-15 ft bgs. Bottom of boring: 15 ft, No odors noted throughout boring. 5/2/2024 11:09:07 AM
			16						
			17						
			18						
			19						
			20						

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ANALYTICAL REPORT

PREPARED FOR

Attn: Vincent Carbone
Langan Engineering and Environmental Services LLC
1818 Market Street
Suite 3300
Philadelphia PA 19103-3638

Generated 7/9/2024 8:32 AM Revision 1

JOB DESCRIPTION

UCS Investigation

JOB NUMBER

460-303245-1

Eurofins Edison
777 New Durham Road
Edison NJ 08817

See page two for job notes and contact information.

my EOL

Eurofins Edison

Job Notes

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Authorization



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Revision 1

Authorized for release by
Patricia Grieco, Senior Project Manager
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732 593-2507

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Job Narrative
460-303245-1

Revision #1: Report 1,2-Dichloroethane

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

- Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 5/3/2024 7:00 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.0°C.

Receipt Exceptions
The following sample was activated by the client on 5/8/2024:
Could we release the final sample on hold for this job? Lab ID: 460-303245-1 (240503_PWD_SOIL4_6.0-6.5).

GC/MS VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC Semi VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Sample Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 460-303245-1
Project/Site: UCS Investigation

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-303245-1	240503_PWD_SOIL4_6.0-6.5	Solid	05/03/24 09:45	05/03/24 19:00
460-303245-2	240503_PWD_SOIL5_6.0-6.5	Solid	05/03/24 10:40	05/03/24 19:00
460-303245-3	240503_PWD_SOIL6_6.0-6.5	Solid	05/03/24 11:40	05/03/24 19:00
460-303245-4	240503_PWD_SOIL7_6.0-6.5	Solid	05/03/24 13:00	05/03/24 19:00
460-303245-5	DUP-2_050324	Solid	05/03/24 00:00	05/03/24 19:00
460-303245-6	FB-1_050324	Water	05/03/24 13:05	05/03/24 19:00

Detection Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 460-303245-1
Project/Site: UCS Investigation

Client Sample ID: 240503_PWD_SOIL4_6.0-6.5 — Lab Sample ID: 460-303245-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]pyrene	0.016	J	0.037	0.0098	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.012	J	0.037	0.0096	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.025	J	0.37	0.011	mg/Kg	1	☼	8270E	Total/NA
Lead	9.9		0.52	0.17	mg/Kg	1	☼	6020B	Total/NA

Client Sample ID: 240503_PWD_SOIL5_6.0-6.5 — Lab Sample ID: 460-303245-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	9.1		0.62	0.21	mg/Kg	1	☼	6020B	Total/NA

Client Sample ID: 240503_PWD_SOIL6_6.0-6.5 — Lab Sample ID: 460-303245-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	9.2		0.64	0.21	mg/Kg	1	☼	6020B	Total/NA

Client Sample ID: 240503_PWD_SOIL7_6.0-6.5 — Lab Sample ID: 460-303245-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	9.0		0.66	0.22	mg/Kg	1	☼	6020B	Total/NA

Client Sample ID: DUP-2_050324 — Lab Sample ID: 460-303245-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	13.0		0.64	0.21	mg/Kg	1	☼	6020B	Total/NA

Client Sample ID: FB-1_050324 — Lab Sample ID: 460-303245-6

No Detections.

This Detection Summary does not include radiochemical test results.

Method Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 460-303245-1
Project/Site: UCS Investigation

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET EDI
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET EDI
8011	EDB, DBCP, and 1,2,3-TCP (GC)	SW846	ELLE
6020B	Metals (ICP/MS)	SW846	EET EDI
Moisture	Percent Moisture	EPA	EET EDI
3010A	Preparation, Total Metals	SW846	EET EDI
3050B	Preparation, Metals	SW846	EET EDI
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET EDI
3546	Microwave Extraction	SW846	EET EDI
5030C	Purge and Trap	SW846	EET EDI
5035	Closed System Purge and Trap	SW846	EET EDI
8011	Microextraction	SW846	ELLE

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Client Sample ID: 240503_PWD_SOIL4_6.0-6.5
Lab Sample ID: 460-303245-1

Date Collected: 05/03/24 09:45
Matrix: Solid

Date Received: 05/03/24 19:00
Percent Solids: 89.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00021	U	0.00080	0.00021	mg/Kg	☼	05/04/24 10:57	05/07/24 08:43	1
Ethylbenzene	0.00016	U	0.00080	0.00016	mg/Kg	☼	05/04/24 10:57	05/07/24 08:43	1
Toluene	0.00019	U	0.00080	0.00019	mg/Kg	☼	05/04/24 10:57	05/07/24 08:43	1
Xylenes, Total	0.00014	U	0.0016	0.00014	mg/Kg	☼	05/04/24 10:57	05/07/24 08:43	1
MTBE	0.00041	U	0.00080	0.00041	mg/Kg	☼	05/04/24 10:57	05/07/24 08:43	1
1,2-Dibromoethane	0.00014	U	0.00080	0.00014	mg/Kg	☼	05/04/24 10:57	05/07/24 08:43	1
Naphthalene	0.00033	U	0.0012	0.00033	mg/Kg	☼	05/04/24 10:57	05/07/24 08:43	1
1,2,4-Trimethylbenzene	0.00020	U	0.00080	0.00020	mg/Kg	☼	05/04/24 10:57	05/07/24 08:43	1
1,3,5-Trimethylbenzene	0.00025	U	0.00080	0.00025	mg/Kg	☼	05/04/24 10:57	05/07/24 08:43	1
Isopropylbenzene	0.00023	U	0.00080	0.00023	mg/Kg	☼	05/04/24 10:57	05/07/24 08:43	1
1,2-Dichloroethane	0.00024	U	0.00080	0.00024	mg/Kg	☼	05/04/24 10:57	05/07/24 08:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*72 - 138*	*05/04/24 10:57*	*05/07/24 08:43*	*1*
4-Bromofluorobenzene	*98*		*63 - 139*	*05/04/24 10:57*	*05/07/24 08:43*	*1*
Dibromofluoromethane (Surr)	*98*		*54 - 150*	*05/04/24 10:57*	*05/07/24 08:43*	*1*
Toluene-d8 (Surr)	*92*		*71 - 126*	*05/04/24 10:57*	*05/07/24 08:43*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	0.011	U	0.37	0.011	mg/Kg	☼	05/08/24 18:22	05/09/24 09:40	1
Benzo[a]anthracene	0.028	U	0.037	0.028	mg/Kg	☼	05/08/24 18:22	05/09/24 09:40	1
Benzo[a]pyrene	**0.016**	**J**	0.037	0.0098	mg/Kg	☼	05/08/24 18:22	05/09/24 09:40	1
Benzo[b]fluoranthene	**0.012**	**J**	0.037	0.0096	mg/Kg	☼	05/08/24 18:22	05/09/24 09:40	1
Benzo[g,h,i]perylene	**0.025**	**J**	0.37	0.011	mg/Kg	☼	05/08/24 18:22	05/09/24 09:40	1
Chrysene	0.016	U	0.37	0.016	mg/Kg	☼	05/08/24 18:22	05/09/24 09:40	1
Fluorene	0.011	U	0.37	0.011	mg/Kg	☼	05/08/24 18:22	05/09/24 09:40	1
Phenanthrene	0.015	U	0.37	0.015	mg/Kg	☼	05/08/24 18:22	05/09/24 09:40	1
Pyrene	0.0092	U	0.37	0.0092	mg/Kg	☼	05/08/24 18:22	05/09/24 09:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*98*		*48 - 120*	*05/08/24 18:22*	*05/09/24 09:40*	*1*
Nitrobenzene-d5 (Surr)	*100*		*38 - 120*	*05/08/24 18:22*	*05/09/24 09:40*	*1*
Terphenyl-d14 (Surr)	*110*		*25 - 126*	*05/08/24 18:22*	*05/09/24 09:40*	*1*

Method: SW846 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	0.00023	U	0.00055	0.00023	mg/Kg	☼	05/10/24 08:28	05/13/24 10:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (Surr)	*124*		*60 - 140*	*05/10/24 08:28*	*05/13/24 10:54*	*1*
1,1,2,2-Tetrachloroethane (Surr)	*129*		*60 - 140*	*05/10/24 08:28*	*05/13/24 10:54*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**9.9**		0.52	0.17	mg/Kg	☼	05/11/24 22:45	05/13/24 18:58	1

Client Sample ID: 240503_PWD_SOIL5_6.0-6.5
Lab Sample ID: 460-303245-2

Date Collected: 05/03/24 10:40
Matrix: Solid

Date Received: 05/03/24 19:00
Percent Solids: 88.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00022	U	0.00085	0.00022	mg/Kg	☼	05/04/24 11:03	05/07/24 09:08	1
Ethylbenzene	0.00017	U	0.00085	0.00017	mg/Kg	☼	05/04/24 11:03	05/07/24 09:08	1
Toluene	0.00020	U	0.00085	0.00020	mg/Kg	☼	05/04/24 11:03	05/07/24 09:08	1
Xylenes, Total	0.00015	U	0.0017	0.00015	mg/Kg	☼	05/04/24 11:03	05/07/24 09:08	1
MTBE	0.00044	U	0.00085	0.00044	mg/Kg	☼	05/04/24 11:03	05/07/24 09:08	1
1,2-Dibromoethane	0.00015	U	0.00085	0.00015	mg/Kg	☼	05/04/24 11:03	05/07/24 09:08	1
Naphthalene	0.00035	U	0.0013	0.00035	mg/Kg	☼	05/04/24 11:03	05/07/24 09:08	1
1,2,4-Trimethylbenzene	0.00021	U	0.00085	0.00021	mg/Kg	☼	05/04/24 11:03	05/07/24 09:08	1
1,3,5-Trimethylbenzene	0.00027	U	0.00085	0.00027	mg/Kg	☼	05/04/24 11:03	05/07/24 09:08	1
Isopropylbenzene	0.00024	U	0.00085	0.00024	mg/Kg	☼	05/04/24 11:03	05/07/24 09:08	1
1,2-Dichloroethane	0.00025	U	0.00085	0.00025	mg/Kg	☼	05/04/24 11:03	05/07/24 09:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*72 - 138*	*05/04/24 11:03*	*05/07/24 09:08*	*1*
4-Bromofluorobenzene	*97*		*63 - 139*	*05/04/24 11:03*	*05/07/24 09:08*	*1*
Dibromofluoromethane (Surr)	*99*		*54 - 150*	*05/04/24 11:03*	*05/07/24 09:08*	*1*
Toluene-d8 (Surr)	*91*		*71 - 126*	*05/04/24 11:03*	*05/07/24 09:08*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	0.011	U	0.37	0.011	mg/Kg	☼	05/08/24 18:22	05/09/24 07:48	1
Benzo[a]anthracene	0.028	U	0.037	0.028	mg/Kg	☼	05/08/24 18:22	05/09/24 07:48	1
Benzo[a]pyrene	0.010	U	0.037	0.010	mg/Kg	☼	05/08/24 18:22	05/09/24 07:48	1
Benzo[b]fluoranthene	0.0097	U	0.037	0.0097	mg/Kg	☼	05/08/24 18:22	05/09/24 07:48	1
Benzo[g,h,i]perylene	0.011	U	0.37	0.011	mg/Kg	☼	05/08/24 18:22	05/09/24 07:48	1
Chrysene	0.016	U	0.37	0.016	mg/Kg	☼	05/08/24 18:22	05/09/24 07:48	1
Fluorene	0.011	U	0.37	0.011	mg/Kg	☼	05/08/24 18:22	05/09/24 07:48	1
Phenanthrene	0.015	U	0.37	0.015	mg/Kg	☼	05/08/24 18:22	05/09/24 07:48	1
Pyrene	0.0093	U	0.37	0.0093	mg/Kg	☼	05/08/24 18:22	05/09/24 07:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*90*		*48 - 120*	*05/08/24 18:22*	*05/09/24 07:48*	*1*
Nitrobenzene-d5 (Surr)	*92*		*38 - 120*	*05/08/24 18:22*	*05/09/24 07:48*	*1*
Terphenyl-d14 (Surr)	*103*		*25 - 126*	*05/08/24 18:22*	*05/09/24 07:48*	*1*

Method: SW846 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	0.00023	U	0.00055	0.00023	mg/Kg	☼	05/07/24 12:20	05/08/24 15:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (Surr)	*116*		*60 - 140*	*05/07/24 12:20*	*05/08/24 15:04*	*1*
1,1,2,2-Tetrachloroethane (Surr)	*115*		*60 - 140*	*05/07/24 12:20*	*05/08/24 15:04*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**9.1**		0.62	0.21	mg/Kg	☼	05/08/24 06:25	05/08/24 14:49	1

Client Sample ID: 240503_PWD_SOIL6_6.0-6.5
Lab Sample ID: 460-303245-3

Date Collected: 05/03/24 11:40
Matrix: Solid

Date Received: 05/03/24 19:00
Percent Solids: 89.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00024	U	0.00091	0.00024	mg/Kg	☼	05/04/24 11:09	05/07/24 09:33	1
Ethylbenzene	0.00018	U	0.00091	0.00018	mg/Kg	☼	05/04/24 11:09	05/07/24 09:33	1
Toluene	0.00021	U	0.00091	0.00021	mg/Kg	☼	05/04/24 11:09	05/07/24 09:33	1
Xylenes, Total	0.00016	U	0.0018	0.00016	mg/Kg	☼	05/04/24 11:09	05/07/24 09:33	1
MTBE	0.00047	U	0.00091	0.00047	mg/Kg	☼	05/04/24 11:09	05/07/24 09:33	1
1,2-Dibromoethane	0.00016	U	0.00091	0.00016	mg/Kg	☼	05/04/24 11:09	05/07/24 09:33	1
Naphthalene	0.00037	U	0.0014	0.00037	mg/Kg	☼	05/04/24 11:09	05/07/24 09:33	1
1,2,4-Trimethylbenzene	0.00022	U	0.00091	0.00022	mg/Kg	☼	05/04/24 11:09	05/07/24 09:33	1
1,3,5-Trimethylbenzene	0.00029	U	0.00091	0.00029	mg/Kg	☼	05/04/24 11:09	05/07/24 09:33	1
Isopropylbenzene	0.00026	U	0.00091	0.00026	mg/Kg	☼	05/04/24 11:09	05/07/24 09:33	1
1,2-Dichloroethane	0.00027	U	0.00091	0.00027	mg/Kg	☼	05/04/24 11:09	05/07/24 09:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*72 - 138*	*05/04/24 11:09*	*05/07/24 09:33*	*1*
4-Bromofluorobenzene	*98*		*63 - 139*	*05/04/24 11:09*	*05/07/24 09:33*	*1*
Dibromofluoromethane (Surr)	*102*		*54 - 150*	*05/04/24 11:09*	*05/07/24 09:33*	*1*
Toluene-d8 (Surr)	*90*		*71 - 126*	*05/04/24 11:09*	*05/07/24 09:33*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	0.011	U	0.37	0.011	mg/Kg	☼	05/08/24 18:22	05/09/24 08:10	1
Benzo[a]anthracene	0.028	U	0.037	0.028	mg/Kg	☼	05/08/24 18:22	05/09/24 08:10	1
Benzo[a]pyrene	0.0099	U	0.037	0.0099	mg/Kg	☼	05/08/24 18:22	05/09/24 08:10	1
Benzo[b]fluoranthene	0.0096	U	0.037	0.0096	mg/Kg	☼	05/08/24 18:22	05/09/24 08:10	1
Benzo[g,h,i]perylene	0.011	U	0.37	0.011	mg/Kg	☼	05/08/24 18:22	05/09/24 08:10	1
Chrysene	0.016	U	0.37	0.016	mg/Kg	☼	05/08/24 18:22	05/09/24 08:10	1
Fluorene	0.011	U	0.37	0.011	mg/Kg	☼	05/08/24 18:22	05/09/24 08:10	1
Phenanthrene	0.015	U	0.37	0.015	mg/Kg	☼	05/08/24 18:22	05/09/24 08:10	1
Pyrene	0.0092	U	0.37	0.0092	mg/Kg	☼	05/08/24 18:22	05/09/24 08:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*92*		*48 - 120*	*05/08/24 18:22*	*05/09/24 08:10*	*1*
Nitrobenzene-d5 (Surr)	*93*		*38 - 120*	*05/08/24 18:22*	*05/09/24 08:10*	*1*
Terphenyl-d14 (Surr)	*104*		*25 - 126*	*05/08/24 18:22*	*05/09/24 08:10*	*1*

Method: SW846 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	0.00023	U	0.00054	0.00023	mg/Kg	☼	05/07/24 12:20	05/08/24 15:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (Surr)	*125*		*60 - 140*	*05/07/24 12:20*	*05/08/24 15:21*	*1*
1,1,2,2-Tetrachloroethane (Surr)	*127*		*60 - 140*	*05/07/24 12:20*	*05/08/24 15:21*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**9.2**		0.64	0.21	mg/Kg	☼	05/08/24 06:25	05/08/24 14:51	1

Client Sample ID: 240503_PWD_SOIL7_6.0-6.5
Lab Sample ID: 460-303245-4

Date Collected: 05/03/24 13:00
Matrix: Solid

Date Received: 05/03/24 19:00
Percent Solids: 86.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00025	U	0.00096	0.00025	mg/Kg	☼	05/04/24 11:15	05/07/24 09:58	1
Ethylbenzene	0.00019	U	0.00096	0.00019	mg/Kg	☼	05/04/24 11:15	05/07/24 09:58	1
Toluene	0.00022	U	0.00096	0.00022	mg/Kg	☼	05/04/24 11:15	05/07/24 09:58	1
Xylenes, Total	0.00017	U	0.0019	0.00017	mg/Kg	☼	05/04/24 11:15	05/07/24 09:58	1
MTBE	0.00049	U	0.00096	0.00049	mg/Kg	☼	05/04/24 11:15	05/07/24 09:58	1
1,2-Dibromoethane	0.00017	U	0.00096	0.00017	mg/Kg	☼	05/04/24 11:15	05/07/24 09:58	1
Naphthalene	0.00039	U	0.0014	0.00039	mg/Kg	☼	05/04/24 11:15	05/07/24 09:58	1
1,2,4-Trimethylbenzene	0.00024	U	0.00096	0.00024	mg/Kg	☼	05/04/24 11:15	05/07/24 09:58	1
1,3,5-Trimethylbenzene	0.00030	U	0.00096	0.00030	mg/Kg	☼	05/04/24 11:15	05/07/24 09:58	1
Isopropylbenzene	0.00027	U	0.00096	0.00027	mg/Kg	☼	05/04/24 11:15	05/07/24 09:58	1
1,2-Dichloroethane	0.00028	U	0.00096	0.00028	mg/Kg	☼	05/04/24 11:15	05/07/24 09:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*72 - 138*	*05/04/24 11:15*	*05/07/24 09:58*	*1*
4-Bromofluorobenzene	*98*		*63 - 139*	*05/04/24 11:15*	*05/07/24 09:58*	*1*
Dibromofluoromethane (Surr)	*101*		*54 - 150*	*05/04/24 11:15*	*05/07/24 09:58*	*1*
Toluene-d8 (Surr)	*90*		*71 - 126*	*05/04/24 11:15*	*05/07/24 09:58*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	0.012	U	0.38	0.012	mg/Kg	☼	05/08/24 18:22	05/09/24 11:10	1
Benzo[a]anthracene	0.029	U	0.038	0.029	mg/Kg	☼	05/08/24 18:22	05/09/24 11:10	1
Benzo[a]pyrene	0.010	U	0.038	0.010	mg/Kg	☼	05/08/24 18:22	05/09/24 11:10	1
Benzo[b]fluoranthene	0.0099	U	0.038	0.0099	mg/Kg	☼	05/08/24 18:22	05/09/24 11:10	1
Benzo[g,h,i]perylene	0.011	U	0.38	0.011	mg/Kg	☼	05/08/24 18:22	05/09/24 11:10	1
Chrysene	0.016	U	0.38	0.016	mg/Kg	☼	05/08/24 18:22	05/09/24 11:10	1
Fluorene	0.011	U	0.38	0.011	mg/Kg	☼	05/08/24 18:22	05/09/24 11:10	1
Phenanthrene	0.016	U	0.38	0.016	mg/Kg	☼	05/08/24 18:22	05/09/24 11:10	1
Pyrene	0.0095	U	0.38	0.0095	mg/Kg	☼	05/08/24 18:22	05/09/24 11:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*99*		*48 - 120*	*05/08/24 18:22*	*05/09/24 11:10*	*1*
Nitrobenzene-d5 (Surr)	*99*		*38 - 120*	*05/08/24 18:22*	*05/09/24 11:10*	*1*
Terphenyl-d14 (Surr)	*109*		*25 - 126*	*05/08/24 18:22*	*05/09/24 11:10*	*1*

Method: SW846 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	0.00024	U	0.00057	0.00024	mg/Kg	☼	05/07/24 12:20	05/08/24 15:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (Surr)	*126*		*60 - 140*	*05/07/24 12:20*	*05/08/24 15:38*	*1*
1,1,2,2-Tetrachloroethane (Surr)	*126*		*60 - 140*	*05/07/24 12:20*	*05/08/24 15:38*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**9.0**		0.66	0.22	mg/Kg	☼	05/08/24 06:25	05/08/24 14:53	1

Client Sample ID: DUP-2_050324
Date Collected: 05/03/24 00:00
Date Received: 05/03/24 19:00

Lab Sample ID: 460-303245-5
Matrix: Solid
Percent Solids: 89.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00022	U	0.00085	0.00022	mg/Kg	☼	05/04/24 11:21	05/07/24 10:23	1
Ethylbenzene	0.00017	U	0.00085	0.00017	mg/Kg	☼	05/04/24 11:21	05/07/24 10:23	1
Toluene	0.00020	U	0.00085	0.00020	mg/Kg	☼	05/04/24 11:21	05/07/24 10:23	1
Xylenes, Total	0.00015	U	0.0017	0.00015	mg/Kg	☼	05/04/24 11:21	05/07/24 10:23	1
MTBE	0.00044	U	0.00085	0.00044	mg/Kg	☼	05/04/24 11:21	05/07/24 10:23	1
1,2-Dibromoethane	0.00015	U	0.00085	0.00015	mg/Kg	☼	05/04/24 11:21	05/07/24 10:23	1
Naphthalene	0.00035	U	0.0013	0.00035	mg/Kg	☼	05/04/24 11:21	05/07/24 10:23	1
1,2,4-Trimethylbenzene	0.00021	U	0.00085	0.00021	mg/Kg	☼	05/04/24 11:21	05/07/24 10:23	1
1,3,5-Trimethylbenzene	0.00027	U	0.00085	0.00027	mg/Kg	☼	05/04/24 11:21	05/07/24 10:23	1
Isopropylbenzene	0.00024	U	0.00085	0.00024	mg/Kg	☼	05/04/24 11:21	05/07/24 10:23	1
1,2-Dichloroethane	0.00025	U	0.00085	0.00025	mg/Kg	☼	05/04/24 11:21	05/07/24 10:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*72 - 138*	*05/04/24 11:21*	*05/07/24 10:23*	*1*
4-Bromofluorobenzene	*97*		*63 - 139*	*05/04/24 11:21*	*05/07/24 10:23*	*1*
Dibromofluoromethane (Surr)	*100*		*54 - 150*	*05/04/24 11:21*	*05/07/24 10:23*	*1*
Toluene-d8 (Surr)	*92*		*71 - 126*	*05/04/24 11:21*	*05/07/24 10:23*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	0.011	U	0.37	0.011	mg/Kg	☼	05/08/24 18:22	05/09/24 08:33	1
Benzo[a]anthracene	0.028	U	0.037	0.028	mg/Kg	☼	05/08/24 18:22	05/09/24 08:33	1
Benzo[a]pyrene	0.0099	U	0.037	0.0099	mg/Kg	☼	05/08/24 18:22	05/09/24 08:33	1
Benzo[b]fluoranthene	0.0096	U	0.037	0.0096	mg/Kg	☼	05/08/24 18:22	05/09/24 08:33	1
Benzo[g,h,i]perylene	0.011	U	0.37	0.011	mg/Kg	☼	05/08/24 18:22	05/09/24 08:33	1
Chrysene	0.016	U	0.37	0.016	mg/Kg	☼	05/08/24 18:22	05/09/24 08:33	1
Fluorene	0.011	U	0.37	0.011	mg/Kg	☼	05/08/24 18:22	05/09/24 08:33	1
Phenanthrene	0.015	U	0.37	0.015	mg/Kg	☼	05/08/24 18:22	05/09/24 08:33	1
Pyrene	0.0092	U	0.37	0.0092	mg/Kg	☼	05/08/24 18:22	05/09/24 08:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*95*		*48 - 120*	*05/08/24 18:22*	*05/09/24 08:33*	*1*
Nitrobenzene-d5 (Surr)	*97*		*38 - 120*	*05/08/24 18:22*	*05/09/24 08:33*	*1*
Terphenyl-d14 (Surr)	*108*		*25 - 126*	*05/08/24 18:22*	*05/09/24 08:33*	*1*

Method: SW846 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	0.00023	U	0.00054	0.00023	mg/Kg	☼	05/07/24 12:20	05/08/24 15:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (Surr)	*128*		*60 - 140*	*05/07/24 12:20*	*05/08/24 15:56*	*1*
1,1,2,2-Tetrachloroethane (Surr)	*127*		*60 - 140*	*05/07/24 12:20*	*05/08/24 15:56*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**13.0**		0.64	0.21	mg/Kg	☼	05/08/24 06:25	05/08/24 14:56	1

Client Sample ID: FB-1_050324
Lab Sample ID: 460-303245-6

Date Collected: 05/03/24 13:05
Matrix: Water
Date Received: 05/03/24 19:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			05/07/24 12:51	1
Benzene	0.20	U	1.0	0.20	ug/L			05/07/24 12:51	1
Toluene	0.38	U	1.0	0.38	ug/L			05/07/24 12:51	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			05/07/24 12:51	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			05/07/24 12:51	1
MTBE	0.22	U	1.0	0.22	ug/L			05/07/24 12:51	1
1,2-Dibromoethane	0.50	U	1.0	0.50	ug/L			05/07/24 12:51	1
Naphthalene	0.88	U	1.0	0.88	ug/L			05/07/24 12:51	1
1,2,4-Trimethylbenzene	0.37	U	1.0	0.37	ug/L			05/07/24 12:51	1
1,3,5-Trimethylbenzene	0.33	U	1.0	0.33	ug/L			05/07/24 12:51	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			05/07/24 12:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*70 - 128*		*05/07/24 12:51*	*1*
Toluene-d8 (Surr)	*92*		*80 - 120*		*05/07/24 12:51*	*1*
4-Bromofluorobenzene	*101*		*76 - 120*		*05/07/24 12:51*	*1*
Dibromofluoromethane (Surr)	*92*		*77 - 132*		*05/07/24 12:51*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	1.3	U	10	1.3	ug/L		05/04/24 11:38	05/04/24 23:51	1
Chrysene	0.91	U	2.0	0.91	ug/L		05/04/24 11:38	05/04/24 23:51	1
Fluorene	0.91	U	10	0.91	ug/L		05/04/24 11:38	05/04/24 23:51	1
Phenanthrene	1.3	U	10	1.3	ug/L		05/04/24 11:38	05/04/24 23:51	1
Pyrene	1.6	U	10	1.6	ug/L		05/04/24 11:38	05/04/24 23:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*97*		*46 - 139*	*05/04/24 11:38*	*05/04/24 23:51*	*1*
Nitrobenzene-d5 (Surr)	*96*		*51 - 145*	*05/04/24 11:38*	*05/04/24 23:51*	*1*
Terphenyl-d14 (Surr)	*103*		*13 - 150*	*05/04/24 11:38*	*05/04/24 23:51*	*1*

Method: SW846 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	0.0098	U	0.029	0.0098	ug/L		05/10/24 07:45	05/14/24 16:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (Surr)	*88*		*46 - 136*	*05/10/24 07:45*	*05/14/24 16:55*	*1*
1,1,2,2-Tetrachloroethane (Surr)	*91*		*46 - 136*	*05/10/24 07:45*	*05/14/24 16:55*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.84	U	1.2	0.84	ug/L		05/06/24 07:14	05/07/24 19:51	1

Surrogate Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 460-303245-1
Project/Site: UCS Investigation

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(72-138)	(63-139)	(54-150)	(71-126)
460-303245-1	240503_PWD_SOIL4_6.0-6.5	104	98	98	92
460-303245-2	240503_PWD_SOIL5_6.0-6.5	101	97	99	91
460-303245-3	240503_PWD_SOIL6_6.0-6.5	106	98	102	90
460-303245-4	240503_PWD_SOIL7_6.0-6.5	107	98	101	90
460-303245-5	DUP-2_050324	105	97	100	92
LB3 460-973023/1-A	Method Blank	100	99	100	95
LCS 460-973337/3	Lab Control Sample	99	101	98	96
LCSD 460-973337/4	Lab Control Sample Dup	99	98	97	94
MB 460-973337/7	Method Blank	100	101	98	95

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	TOL	BFB	DBFM
Lab Sample ID	Client Sample ID	(70-128)	(80-120)	(76-120)	(77-132)
460-303245-6	FB-1_050324	91	92	101	92
LCS 460-973363/3	Lab Control Sample	88	95	104	90
LCSD 460-973363/4	Lab Control Sample Dup	90	93	102	94
MB 460-973363/9	Method Blank	94	95	103	96

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene
DBFM = Dibromofluoromethane (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		FBP	NBZ	TPHL
Lab Sample ID	Client Sample ID	(48-120)	(38-120)	(25-126)
460-303245-1	240503_PWD_SOIL4_6.0-6.5	98	100	110
460-303245-2	240503_PWD_SOIL5_6.0-6.5	90	92	103
460-303245-3	240503_PWD_SOIL6_6.0-6.5	92	93	104
460-303245-4	240503_PWD_SOIL7_6.0-6.5	99	99	109
460-303245-5	DUP-2_050324	95	97	108
460-303369-E-10-E MS	Matrix Spike	63	64	73
460-303369-E-10-F MSD	Matrix Spike Duplicate	55	59	64
LCS 460-973724/2-A	Lab Control Sample	95	98	92
LCSD 460-973724/3-A	Lab Control Sample Dup	102	103	101
MB 460-973724/1-A	Method Blank	99	102	105

Surrogate Legend

FBP = 2-Fluorobiphenyl

NBZ = Nitrobenzene-d5 (Surr)
TPHL = Terphenyl-d14 (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		FBP	NBZ	TPHL
Lab Sample ID	Client Sample ID	(46-139)	(51-145)	(13-150)
460-303181-F-5-C MSD	Matrix Spike Duplicate	95	98	78
460-303181-G-5-A MS	Matrix Spike	90	94	72
460-303245-6	FB-1_050324	97	96	103
LCS 460-973025/2-A	Lab Control Sample	70	73	64
LCSD 460-973025/3-A	Lab Control Sample Dup	71	72	62
MB 460-973025/1-A	Method Blank	95	94	68

Surrogate Legend

FBP = 2-Fluorobiphenyl
NBZ = Nitrobenzene-d5 (Surr)
TPHL = Terphenyl-d14 (Surr)

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		1122TCA1	1122TCA2
Lab Sample ID	Client Sample ID	(60-140)	(60-140)
460-303245-1	240503_PWD_SOIL4_6.0-6.5	124	129
460-303245-1 MS	240503_PWD_SOIL4_6.0-6.5	111	112
460-303245-1 MSD	240503_PWD_SOIL4_6.0-6.5	119	125
460-303245-2	240503_PWD_SOIL5_6.0-6.5	116	115
460-303245-3	240503_PWD_SOIL6_6.0-6.5	125	127
460-303245-4	240503_PWD_SOIL7_6.0-6.5	126	126
460-303245-5	DUP-2_050324	128	127
LCS 410-503073/2-A	Lab Control Sample	104	106
LCS 410-504517/2-A	Lab Control Sample	103	105
LCSD 410-503073/3-A	Lab Control Sample Dup	108	110
LCSD 410-504517/3-A	Lab Control Sample Dup	106	106
MB 410-503073/1-A	Method Blank	129	134
MB 410-504517/1-A	Method Blank	122	116

Surrogate Legend

1122TCA = 1,1,2,2-Tetrachloroethane (Surr)

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		1122TCA1	1122TCA2
Lab Sample ID	Client Sample ID	(46-136)	(46-136)
460-303245-6	FB-1_050324	88	91
LCS 410-504521/2-A	Lab Control Sample	102	103
LCSD 410-504521/3-A	Lab Control Sample Dup	93	96
MB 410-504521/1-A	Method Blank	91	96

Surrogate Legend

1122TCA = 1,1,2,2-Tetrachloroethane (Surr)

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: LB3 460-973023/1-A
Matrix: Solid
Analysis Batch: 973337

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 973023

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00026	U	0.0010	0.00026	mg/Kg		05/04/24 10:52	05/07/24 08:18	1
Ethylbenzene	0.00020	U	0.0010	0.00020	mg/Kg		05/04/24 10:52	05/07/24 08:18	1
Toluene	0.00023	U	0.0010	0.00023	mg/Kg		05/04/24 10:52	05/07/24 08:18	1
Xylenes, Total	0.00017	U	0.0020	0.00017	mg/Kg		05/04/24 10:52	05/07/24 08:18	1
MTBE	0.00051	U	0.0010	0.00051	mg/Kg		05/04/24 10:52	05/07/24 08:18	1
1,2-Dibromoethane	0.00018	U	0.0010	0.00018	mg/Kg		05/04/24 10:52	05/07/24 08:18	1
Naphthalene	0.00041	U	0.0015	0.00041	mg/Kg		05/04/24 10:52	05/07/24 08:18	1
1,2,4-Trimethylbenzene	0.00025	U	0.0010	0.00025	mg/Kg		05/04/24 10:52	05/07/24 08:18	1
1,3,5-Trimethylbenzene	0.00031	U	0.0010	0.00031	mg/Kg		05/04/24 10:52	05/07/24 08:18	1
Isopropylbenzene	0.00029	U	0.0010	0.00029	mg/Kg		05/04/24 10:52	05/07/24 08:18	1
1,2-Dichloroethane	0.00030	U	0.0010	0.00030	mg/Kg		05/04/24 10:52	05/07/24 08:18	1

Surrogate	*LB3 %Recovery*	*LB3 Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*72 - 138*	*05/04/24 10:52*	*05/07/24 08:18*	*1*
4-Bromofluorobenzene	*99*		*63 - 139*	*05/04/24 10:52*	*05/07/24 08:18*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*05/04/24 10:52*	*05/07/24 08:18*	*1*
Dibromofluoromethane (Surr)	*100*		*54 - 150*	*05/04/24 10:52*	*05/07/24 08:18*	*1*

Lab Sample ID: MB 460-973337/7
Matrix: Solid
Analysis Batch: 973337

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00026	U	0.0010	0.00026	mg/Kg			05/07/24 06:38	1
Ethylbenzene	0.00020	U	0.0010	0.00020	mg/Kg			05/07/24 06:38	1
Toluene	0.00023	U	0.0010	0.00023	mg/Kg			05/07/24 06:38	1
Xylenes, Total	0.00017	U	0.0020	0.00017	mg/Kg			05/07/24 06:38	1
MTBE	0.00051	U	0.0010	0.00051	mg/Kg			05/07/24 06:38	1
1,2-Dibromoethane	0.00018	U	0.0010	0.00018	mg/Kg			05/07/24 06:38	1
Naphthalene	0.00041	U	0.0015	0.00041	mg/Kg			05/07/24 06:38	1
1,2,4-Trimethylbenzene	0.00025	U	0.0010	0.00025	mg/Kg			05/07/24 06:38	1
1,3,5-Trimethylbenzene	0.00031	U	0.0010	0.00031	mg/Kg			05/07/24 06:38	1
Isopropylbenzene	0.00029	U	0.0010	0.00029	mg/Kg			05/07/24 06:38	1
1,2-Dichloroethane	0.00030	U	0.0010	0.00030	mg/Kg			05/07/24 06:38	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*72 - 138*		*05/07/24 06:38*	*1*
4-Bromofluorobenzene	*101*		*63 - 139*		*05/07/24 06:38*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*		*05/07/24 06:38*	*1*
Dibromofluoromethane (Surr)	*98*		*54 - 150*		*05/07/24 06:38*	*1*

Lab Sample ID: LCS 460-973337/3
Matrix: Solid
Analysis Batch: 973337

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.0200	0.0179		mg/Kg		90	75 - 130
Ethylbenzene	0.0200	0.0202		mg/Kg		101	80 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-973337/3
Matrix: Solid
Analysis Batch: 973337

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Toluene			0.0200	0.0191		mg/Kg		95	80 - 120		
Xylenes, Total			0.0400	0.0412		mg/Kg		103	80 - 120		
MTBE			0.0200	0.0195		mg/Kg		97	74 - 125		
1,2-Dibromoethane			0.0200	0.0205		mg/Kg		102	79 - 120		
Naphthalene			0.0200	0.0213		mg/Kg		106	42 - 150		
1,2,4-Trimethylbenzene			0.0200	0.0204		mg/Kg		102	71 - 120		
1,3,5-Trimethylbenzene			0.0200	0.0203		mg/Kg		102	70 - 120		
Isopropylbenzene			0.0200	0.0215		mg/Kg		107	80 - 120		
1,2-Dichloroethane			0.0200	0.0199		mg/Kg		99	70 - 123		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*72 - 138*
4-Bromofluorobenzene	*101*		*63 - 139*
Toluene-d8 (Surr)	*96*		*71 - 126*
Dibromofluoromethane (Surr)	*98*		*54 - 150*

Lab Sample ID: LCSD 460-973337/4
Matrix: Solid
Analysis Batch: 973337

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.0200	0.0173		mg/Kg		87	75 - 130	3	30
Ethylbenzene			0.0200	0.0209		mg/Kg		105	80 - 120	3	30
Toluene			0.0200	0.0195		mg/Kg		98	80 - 120	2	30
Xylenes, Total			0.0400	0.0414		mg/Kg		104	80 - 120	1	30
MTBE			0.0200	0.0198		mg/Kg		99	74 - 125	1	30
1,2-Dibromoethane			0.0200	0.0206		mg/Kg		103	79 - 120	1	30
Naphthalene			0.0200	0.0213		mg/Kg		106	42 - 150	0	30
1,2,4-Trimethylbenzene			0.0200	0.0208		mg/Kg		104	71 - 120	2	30
1,3,5-Trimethylbenzene			0.0200	0.0206		mg/Kg		103	70 - 120	1	30
Isopropylbenzene			0.0200	0.0215		mg/Kg		108	80 - 120	0	30
1,2-Dichloroethane			0.0200	0.0200		mg/Kg		100	70 - 123	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*72 - 138*
4-Bromofluorobenzene	*98*		*63 - 139*
Toluene-d8 (Surr)	*94*		*71 - 126*
Dibromofluoromethane (Surr)	*97*		*54 - 150*

Lab Sample ID: MB 460-973363/9
Matrix: Water
Analysis Batch: 973363

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.20	U	1.0	0.20	ug/L			05/07/24 11:21	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			05/07/24 11:21	1
Toluene	0.38	U	1.0	0.38	ug/L			05/07/24 11:21	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			05/07/24 11:21	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-973363/9
Matrix: Water
Analysis Batch: 973363

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
MTBE	0.22	U	1.0	0.22	ug/L			05/07/24 11:21	1
1,2-Dibromoethane	0.50	U	1.0	0.50	ug/L			05/07/24 11:21	1
Naphthalene	0.88	U	1.0	0.88	ug/L			05/07/24 11:21	1
1,2,4-Trimethylbenzene	0.37	U	1.0	0.37	ug/L			05/07/24 11:21	1
1,3,5-Trimethylbenzene	0.33	U	1.0	0.33	ug/L			05/07/24 11:21	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			05/07/24 11:21	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			05/07/24 11:21	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*70 - 128*		*05/07/24 11:21*	*1*
4-Bromofluorobenzene	*103*		*76 - 120*		*05/07/24 11:21*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*05/07/24 11:21*	*1*
Dibromofluoromethane (Surr)	*96*		*77 - 132*		*05/07/24 11:21*	*1*

Lab Sample ID: LCS 460-973363/3
Matrix: Water
Analysis Batch: 973363

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			20.0	19.5		ug/L		98	71 - 126		
Ethylbenzene			20.0	19.8		ug/L		99	78 - 120		
Toluene			20.0	19.6		ug/L		98	78 - 120		
Xylenes, Total			40.0	39.3		ug/L		98	80 - 120		
MTBE			20.0	18.8		ug/L		94	72 - 131		
1,2-Dibromoethane			20.0	19.9		ug/L		99	79 - 126		
Naphthalene			20.0	21.0		ug/L		105	44 - 120		
1,2,4-Trimethylbenzene			20.0	20.1		ug/L		100	75 - 125		
1,3,5-Trimethylbenzene			20.0	19.8		ug/L		99	75 - 125		
Isopropylbenzene			20.0	20.0		ug/L		100	79 - 125		
1,2-Dichloroethane			20.0	19.2		ug/L		96	66 - 129		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*88*		*70 - 128*
4-Bromofluorobenzene	*104*		*76 - 120*
Toluene-d8 (Surr)	*95*		*80 - 120*
Dibromofluoromethane (Surr)	*90*		*77 - 132*

Lab Sample ID: LCSD 460-973363/4
Matrix: Water
Analysis Batch: 973363

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			20.0	18.2		ug/L		91	71 - 126	7	30
Ethylbenzene			20.0	18.3		ug/L		91	78 - 120	8	30
Toluene			20.0	18.3		ug/L		91	78 - 120	7	30
Xylenes, Total			40.0	36.6		ug/L		91	80 - 120	7	30
MTBE			20.0	18.8		ug/L		94	72 - 131	0	30
1,2-Dibromoethane			20.0	18.4		ug/L		92	79 - 126	8	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-973363/4
Matrix: Water
Analysis Batch: 973363

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Naphthalene			20.0	19.8		ug/L		99	44 - 120	6	30
1,2,4-Trimethylbenzene			20.0	18.3		ug/L		92	75 - 125	9	30
1,3,5-Trimethylbenzene			20.0	18.1		ug/L		91	75 - 125	9	30
Isopropylbenzene			20.0	18.5		ug/L		93	79 - 125	8	30
1,2-Dichloroethane			20.0	19.1		ug/L		95	66 - 129	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*90*		*70 - 128*
4-Bromofluorobenzene	*102*		*76 - 120*
Toluene-d8 (Surr)	*93*		*80 - 120*
Dibromofluoromethane (Surr)	*94*		*77 - 132*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 460-973025/1-A
Matrix: Water
Analysis Batch: 973040

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 973025

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	1.3	U	10	1.3	ug/L		05/04/24 11:38	05/04/24 15:00	1
Benzo[a]anthracene	0.59	U	1.0	0.59	ug/L		05/04/24 11:38	05/04/24 15:00	1
Benzo[a]pyrene	0.41	U	1.0	0.41	ug/L		05/04/24 11:38	05/04/24 15:00	1
Benzo[b]fluoranthene	0.68	U	2.0	0.68	ug/L		05/04/24 11:38	05/04/24 15:00	1
Benzo[g,h,i]perylene	0.70	U	10	0.70	ug/L		05/04/24 11:38	05/04/24 15:00	1
Chrysene	0.91	U	2.0	0.91	ug/L		05/04/24 11:38	05/04/24 15:00	1
Fluorene	0.91	U	10	0.91	ug/L		05/04/24 11:38	05/04/24 15:00	1
Phenanthrene	1.3	U	10	1.3	ug/L		05/04/24 11:38	05/04/24 15:00	1
Pyrene	1.6	U	10	1.6	ug/L		05/04/24 11:38	05/04/24 15:00	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*95*		*46 - 139*	*05/04/24 11:38*	*05/04/24 15:00*	*1*
Nitrobenzene-d5 (Surr)	*94*		*51 - 145*	*05/04/24 11:38*	*05/04/24 15:00*	*1*
Terphenyl-d14 (Surr)	*68*		*13 - 150*	*05/04/24 11:38*	*05/04/24 15:00*	*1*

Lab Sample ID: LCS 460-973025/2-A
Matrix: Water
Analysis Batch: 973040

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 973025

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Anthracene			80.0	68.4		ug/L		86	65 - 120		
Benzo[a]anthracene			80.0	71.1		ug/L		89	67 - 132		
Benzo[a]pyrene			80.0	77.2		ug/L		96	60 - 126		
Benzo[b]fluoranthene			80.0	75.4		ug/L		94	66 - 136		
Benzo[g,h,i]perylene			80.0	73.0		ug/L		91	59 - 150		
Chrysene			80.0	68.0		ug/L		85	63 - 127		
Fluorene			80.0	62.8		ug/L		78	63 - 133		
Phenanthrene			80.0	68.4		ug/L		85	65 - 120		
Pyrene			80.0	67.2		ug/L		84	56 - 144		

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-973025/2-A
Matrix: Water
Analysis Batch: 973040

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 973025

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorobiphenyl	*70*		*46 - 139*
Nitrobenzene-d5 (Surr)	*73*		*51 - 145*
Terphenyl-d14 (Surr)	*64*		*13 - 150*

Lab Sample ID: LCSD 460-973025/3-A
Matrix: Water
Analysis Batch: 973040

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 973025

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Anthracene			80.0	68.4		ug/L		86	65 - 120	0	30
Benzo[a]anthracene			80.0	71.0		ug/L		89	67 - 132	0	30
Benzo[a]pyrene			80.0	76.8		ug/L		96	60 - 126	1	30
Benzo[b]fluoranthene			80.0	72.3		ug/L		90	66 - 136	4	30
Benzo[g,h,i]perylene			80.0	72.0		ug/L		90	59 - 150	1	30
Chrysene			80.0	69.1		ug/L		86	63 - 127	2	30
Fluorene			80.0	63.1		ug/L		79	63 - 133	0	30
Phenanthrene			80.0	67.8		ug/L		85	65 - 120	1	30
Pyrene			80.0	64.3		ug/L		80	56 - 144	4	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2-Fluorobiphenyl	*71*		*46 - 139*
Nitrobenzene-d5 (Surr)	*72*		*51 - 145*
Terphenyl-d14 (Surr)	*62*		*13 - 150*

Lab Sample ID: 460-303181-F-5-C MSD
Matrix: Water
Analysis Batch: 973040

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 973025

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Anthracene	4.7	J F1	40.0	54.6	F1	ug/L		125	65 - 120	15	30
Benzo[a]anthracene	0.59	U	40.0	49.3		ug/L		123	67 - 132	14	30
Benzo[a]pyrene	0.41	U F1	40.0	53.6	F1	ug/L		134	60 - 126	15	30
Benzo[b]fluoranthene	0.68	U	40.0	50.8		ug/L		127	66 - 136	11	30
Benzo[g,h,i]perylene	0.70	U	40.0	50.9		ug/L		127	59 - 150	14	30
Chrysene	0.91	U	40.0	48.3		ug/L		121	63 - 127	13	30
Fluorene	21		40.0	72.3		ug/L		128	63 - 133	11	30
Phenanthrene	21	F1	40.0	71.1	F1	ug/L		126	65 - 120	10	30
Pyrene	4.1	J	40.0	50.6		ug/L		116	56 - 144	14	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
2-Fluorobiphenyl	*95*		*46 - 139*
Nitrobenzene-d5 (Surr)	*98*		*51 - 145*
Terphenyl-d14 (Surr)	*78*		*13 - 150*

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-303181-G-5-A MS
Matrix: Water
Analysis Batch: 973040

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 973025

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Anthracene	4.7	J F1	40.0	46.8		ug/L		105	65 - 120
Benzo[a]anthracene	0.59	U	40.0	42.7		ug/L		107	67 - 132
Benzo[a]pyrene	0.41	U F1	40.0	46.2		ug/L		115	60 - 126
Benzo[b]fluoranthene	0.68	U	40.0	45.3		ug/L		113	66 - 136
Benzo[g,h,i]perylene	0.70	U	40.0	44.3		ug/L		111	59 - 150
Chrysene	0.91	U	40.0	42.4		ug/L		106	63 - 127
Fluorene	21		40.0	64.8		ug/L		109	63 - 133
Phenanthrene	21	F1	40.0	64.3		ug/L		109	65 - 120
Pyrene	4.1	J	40.0	44.0		ug/L		100	56 - 144

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Fluorobiphenyl	*90*		*46 - 139*
Nitrobenzene-d5 (Surr)	*94*		*51 - 145*
Terphenyl-d14 (Surr)	*72*		*13 - 150*

Lab Sample ID: MB 460-973724/1-A
Matrix: Solid
Analysis Batch: 973784

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 973724

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	0.010	U	0.33	0.010	mg/Kg		05/08/24 18:21	05/09/24 06:41	1
Benzo[a]anthracene	0.025	U	0.033	0.025	mg/Kg		05/08/24 18:21	05/09/24 06:41	1
Benzo[a]pyrene	0.0088	U	0.033	0.0088	mg/Kg		05/08/24 18:21	05/09/24 06:41	1
Benzo[b]fluoranthene	0.0086	U	0.033	0.0086	mg/Kg		05/08/24 18:21	05/09/24 06:41	1
Benzo[g,h,i]perylene	0.0098	U	0.33	0.0098	mg/Kg		05/08/24 18:21	05/09/24 06:41	1
Chrysene	0.014	U	0.33	0.014	mg/Kg		05/08/24 18:21	05/09/24 06:41	1
Fluorene	0.0097	U	0.33	0.0097	mg/Kg		05/08/24 18:21	05/09/24 06:41	1
Phenanthrene	0.014	U	0.33	0.014	mg/Kg		05/08/24 18:21	05/09/24 06:41	1
Pyrene	0.0082	U	0.33	0.0082	mg/Kg		05/08/24 18:21	05/09/24 06:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*99*		*48 - 120*	*05/08/24 18:21*	*05/09/24 06:41*	*1*
Nitrobenzene-d5 (Surr)	*102*		*38 - 120*	*05/08/24 18:21*	*05/09/24 06:41*	*1*
Terphenyl-d14 (Surr)	*105*		*25 - 126*	*05/08/24 18:21*	*05/09/24 06:41*	*1*

Lab Sample ID: LCS 460-973724/2-A
Matrix: Solid
Analysis Batch: 973784

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 973724

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Anthracene	3.33	3.31		mg/Kg		99	67 - 120
Benzo[a]anthracene	3.33	3.24		mg/Kg		97	69 - 120
Benzo[a]pyrene	3.33	3.45		mg/Kg		104	66 - 123
Benzo[b]fluoranthene	3.33	3.42		mg/Kg		103	70 - 125
Benzo[g,h,i]perylene	3.33	3.52		mg/Kg		106	66 - 120
Chrysene	3.33	3.23		mg/Kg		97	63 - 120
Fluorene	3.33	3.32		mg/Kg		100	70 - 120
Phenanthrene	3.33	3.30		mg/Kg		99	66 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-973724/2-A
Matrix: Solid
Analysis Batch: 973784

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 973724

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Pyrene			3.33	3.25		mg/Kg		97	67 - 121		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*95*		*48 - 120*
Nitrobenzene-d5 (Surr)	*98*		*38 - 120*
Terphenyl-d14 (Surr)	*92*		*25 - 126*

Lab Sample ID: LCSD 460-973724/3-A
Matrix: Solid
Analysis Batch: 973784

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 973724

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Anthracene			3.33	3.46		mg/Kg		104	67 - 120	4	30
Benzo[a]anthracene			3.33	3.41		mg/Kg		102	69 - 120	5	30
Benzo[a]pyrene			3.33	3.62		mg/Kg		109	66 - 123	5	30
Benzo[b]fluoranthene			3.33	3.57		mg/Kg		107	70 - 125	4	30
Benzo[g,h,i]perylene			3.33	3.74		mg/Kg		112	66 - 120	6	30
Chrysene			3.33	3.41		mg/Kg		102	63 - 120	6	30
Fluorene			3.33	3.45		mg/Kg		103	70 - 120	4	30
Phenanthrene			3.33	3.47		mg/Kg		104	66 - 120	5	30
Pyrene			3.33	3.50		mg/Kg		105	67 - 121	8	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2-Fluorobiphenyl	*102*		*48 - 120*
Nitrobenzene-d5 (Surr)	*103*		*38 - 120*
Terphenyl-d14 (Surr)	*101*		*25 - 126*

Lab Sample ID: 460-303369-E-10-E MS
Matrix: Solid
Analysis Batch: 973784

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 973724

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Anthracene	0.11	J F2 F1	3.70	3.05		mg/Kg	☼	79	67 - 120		
Benzo[a]anthracene	0.69	F2 F1	3.70	4.77		mg/Kg	☼	110	69 - 120		
Benzo[a]pyrene	0.71	F2 F1	3.70	4.80		mg/Kg	☼	110	66 - 123		
Benzo[b]fluoranthene	0.88	F2 F1	3.70	5.54	F1	mg/Kg	☼	126	70 - 125		
Benzo[g,h,i]perylene	0.43	J F2 F1	3.70	3.04		mg/Kg	☼	70	66 - 120		
Chrysene	0.61	J F2 F1	3.70	4.53		mg/Kg	☼	106	63 - 120		
Fluorene	0.054	U F1	3.70	2.41	F1	mg/Kg	☼	65	70 - 120		
Phenanthrene	0.48	J F2 F1	3.70	5.66	F1	mg/Kg	☼	140	66 - 120		
Pyrene	1.2	J F2 F1	3.70	7.91	F1	mg/Kg	☼	180	67 - 121		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Fluorobiphenyl	*63*		*48 - 120*
Nitrobenzene-d5 (Surr)	*64*		*38 - 120*
Terphenyl-d14 (Surr)	*73*		*25 - 126*

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-303369-E-10-F MSD
Matrix: Solid
Analysis Batch: 973784

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 973724

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Anthracene	0.11	J F2 F1	3.70	2.23	F1 F2	mg/Kg	☼	57	67 - 120	31	30
Benzo[a]anthracene	0.69	F2 F1	3.70	2.77	F1 F2	mg/Kg	☼	56	69 - 120	53	30
Benzo[a]pyrene	0.71	F2 F1	3.70	2.81	F1 F2	mg/Kg	☼	57	66 - 123	52	30
Benzo[b]fluoranthene	0.88	F2 F1	3.70	2.99	F1 F2	mg/Kg	☼	57	70 - 125	60	30
Benzo[g,h,i]perylene	0.43	J F2 F1	3.70	2.04	F1 F2	mg/Kg	☼	43	66 - 120	40	30
Chrysene	0.61	J F2 F1	3.70	2.59	F1 F2	mg/Kg	☼	53	63 - 120	54	30
Fluorene	0.054	U F1	3.70	2.15	F1	mg/Kg	☼	58	70 - 120	12	30
Phenanthrene	0.48	J F2 F1	3.70	2.81	F1 F2	mg/Kg	☼	63	66 - 120	67	30
Pyrene	1.2	J F2 F1	3.70	3.76	F2	mg/Kg	☼	68	67 - 121	71	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2-Fluorobiphenyl	*55*		*48 - 120*
Nitrobenzene-d5 (Surr)	*59*		*38 - 120*
Terphenyl-d14 (Surr)	*64*		*25 - 126*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Lab Sample ID: MB 410-503073/1-A
Matrix: Solid
Analysis Batch: 503517

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 503073

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	0.00021	U	0.00050	0.00021	mg/Kg		05/07/24 12:20	05/08/24 11:54	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (Surr)	*129*		*60 - 140*	*05/07/24 12:20*	*05/08/24 11:54*	*1*
1,1,2,2-Tetrachloroethane (Surr)	*134*		*60 - 140*	*05/07/24 12:20*	*05/08/24 11:54*	*1*

Lab Sample ID: LCS 410-503073/2-A
Matrix: Solid
Analysis Batch: 503517

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 503073

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,2-Dibromoethane			0.00256	0.00230		mg/Kg		90	60 - 140		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,1,2,2-Tetrachloroethane (Surr)	*104*		*60 - 140*
1,1,2,2-Tetrachloroethane (Surr)	*106*		*60 - 140*

Lab Sample ID: LCSD 410-503073/3-A
Matrix: Solid
Analysis Batch: 503517

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 503073

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dibromoethane			0.00256	0.00245		mg/Kg		96	60 - 140	6	20

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC) (Continued)

Lab Sample ID: LCSD 410-503073/3-A
Matrix: Solid
Analysis Batch: 503517

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 503073

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,1,2,2-Tetrachloroethane (Surr)	*108*		*60 - 140*
1,1,2,2-Tetrachloroethane (Surr)	*110*		*60 - 140*

Lab Sample ID: MB 410-504517/1-A
Matrix: Solid
Analysis Batch: 505199

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 504517

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	0.00021	U	0.00050	0.00021	mg/Kg		05/10/24 08:28	05/13/24 09:29	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (Surr)	*122*		*60 - 140*	*05/10/24 08:28*	*05/13/24 09:29*	*1*
1,1,2,2-Tetrachloroethane (Surr)	*116*		*60 - 140*	*05/10/24 08:28*	*05/13/24 09:29*	*1*

Lab Sample ID: LCS 410-504517/2-A
Matrix: Solid
Analysis Batch: 505199

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 504517

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,2-Dibromoethane			0.00256	0.00250		mg/Kg		98	60 - 140		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,1,2,2-Tetrachloroethane (Surr)	*103*		*60 - 140*
1,1,2,2-Tetrachloroethane (Surr)	*105*		*60 - 140*

Lab Sample ID: LCSD 410-504517/3-A
Matrix: Solid
Analysis Batch: 505199

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 504517

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dibromoethane			0.00256	0.00268		mg/Kg		105	60 - 140	7	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,1,2,2-Tetrachloroethane (Surr)	*106*		*60 - 140*
1,1,2,2-Tetrachloroethane (Surr)	*106*		*60 - 140*

Lab Sample ID: 460-303245-1 MS
Matrix: Solid
Analysis Batch: 505199

Client Sample ID: 240503_PWD_SOIL4_6.0-6.5
Prep Type: Total/NA
Prep Batch: 504517

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
1,2-Dibromoethane	0.00023	U	0.00278	0.00310		mg/Kg	☼	112	60 - 140		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,1,2,2-Tetrachloroethane (Surr)	*111*		*60 - 140*
1,1,2,2-Tetrachloroethane (Surr)	*112*		*60 - 140*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC) (Continued)

Lab Sample ID: 460-303245-1 MSD
Matrix: Solid
Analysis Batch: 505199

Client Sample ID: 240503_PWD_SOIL4_6.0-6.5
Prep Type: Total/NA
Prep Batch: 504517

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dibromoethane	0.00023	U	0.00275	0.00306		mg/Kg	☼	111	60 - 140	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,1,2,2-Tetrachloroethane (Surr)	*119*		*60 - 140*
1,1,2,2-Tetrachloroethane (Surr)	*125*		*60 - 140*

Lab Sample ID: MB 410-504521/1-A
Matrix: Water
Analysis Batch: 505957

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 504521

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	0.010	U	0.030	0.010	ug/L		05/10/24 07:45	05/14/24 15:12	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (Surr)	*91*		*46 - 136*	*05/10/24 07:45*	*05/14/24 15:12*	*1*
1,1,2,2-Tetrachloroethane (Surr)	*96*		*46 - 136*	*05/10/24 07:45*	*05/14/24 15:12*	*1*

Lab Sample ID: LCS 410-504521/2-A
Matrix: Water
Analysis Batch: 505957

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 504521

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dibromoethane	0.128	0.126		ug/L		98	60 - 140

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,1,2,2-Tetrachloroethane (Surr)	*102*		*46 - 136*
1,1,2,2-Tetrachloroethane (Surr)	*103*		*46 - 136*

Lab Sample ID: LCSD 410-504521/3-A
Matrix: Water
Analysis Batch: 505957

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 504521

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dibromoethane	0.128	0.116		ug/L		91	60 - 140	8	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,1,2,2-Tetrachloroethane (Surr)	*93*		*46 - 136*
1,1,2,2-Tetrachloroethane (Surr)	*96*		*46 - 136*

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 460-973170/1-A
Matrix: Water
Analysis Batch: 973456

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 973170

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.84	U	1.2	0.84	ug/L		05/06/24 07:14	05/07/24 18:14	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 460-973170/2-A
Matrix: Water
Analysis Batch: 973456

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 973170

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Lead			25.0	25.32		ug/L		101	80 - 120		

Lab Sample ID: 460-303181-I-5-C MS
Matrix: Water
Analysis Batch: 973456

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 973170

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Lead	2.0		25.0	28.49		ug/L		106	75 - 125		

Lab Sample ID: 460-303181-I-5-D MSD
Matrix: Water
Analysis Batch: 973456

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 973170

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lead	2.0		25.0	28.19		ug/L		105	75 - 125	1	20

Lab Sample ID: 460-303181-I-5-B DU
Matrix: Water
Analysis Batch: 973456

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 973170

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Lead	2.0		2.04		ug/L		0.5	20

Lab Sample ID: MB 460-973567/1-A
Matrix: Solid
Analysis Batch: 973644

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 973567

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.20	U	0.60	0.20	mg/Kg		05/08/24 06:25	05/08/24 12:56	1

Lab Sample ID: LCSSRM 460-973567/2-A ^3
Matrix: Solid
Analysis Batch: 973644

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 973567

Analyte			Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits		
Lead			92.8	95.86		mg/Kg		103.3	81.8 - 118.5		

Lab Sample ID: 460-303238-K-1-D MS
Matrix: Solid
Analysis Batch: 973644

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 973567

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Lead	280		5.07	297.0	4	mg/Kg	☼	331	75 - 125		

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 460-303238-K-1-C DU
Matrix: Solid
Analysis Batch: 973644

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 973567

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Lead	280			280.1		mg/Kg	☼			0.05	20

Lab Sample ID: MB 460-974363/1-A
Matrix: Solid
Analysis Batch: 974701

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 974363

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.20	U	0.60	0.20	mg/Kg		05/11/24 22:45	05/13/24 17:56	1

Lab Sample ID: LCSSRM 460-974363/2-A ^3
Matrix: Solid
Analysis Batch: 974701

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 974363

Analyte			Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits		
Lead			92.8	93.61		mg/Kg		100.9	81.8 - 118.5		

Lab Sample ID: 460-303659-E-2-K MS
Matrix: Solid
Analysis Batch: 974701

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 974363

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Lead	53.2	F2	4.14	61.04	4	mg/Kg	☼	189	75 - 125		

Lab Sample ID: 460-303659-E-2-L MSD
Matrix: Solid
Analysis Batch: 974701

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 974363

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lead	53.2	F2	4.11	44.57	4 F2	mg/Kg	☼	-210	75 - 125	31	20

Lab Sample ID: 460-303659-A-2-G DU
Matrix: Solid
Analysis Batch: 974701

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 974363

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Lead	53.2	F2		51.17		mg/Kg	☼			4	20

Lab Sample ID: LRC 460-973456/12
Matrix: Water
Analysis Batch: 973456

Client Sample ID: Lab Control Sample

Analyte			Spike Added	LRC Result	LRC Qualifier	Unit	D	%Rec	%Rec Limits		
Lead			20000	19210		ug/L		96	90 - 110		

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LRC 460-973644/12
Client Sample ID: Lab Control Sample
Matrix: Solid
Analysis Batch: 973644

Analyte			Spike Added	LRC Result	LRC Qualifier	Unit	D	%Rec	%Rec Limits		
Lead			20000	19290		ug/L		96	90 - 110		

Lab Sample ID: LRC 460-973688/12
Client Sample ID: Lab Control Sample
Matrix: Solid
Analysis Batch: 973688

Analyte			Spike Added	LRC Result	LRC Qualifier	Unit	D	%Rec	%Rec Limits		
Lead			20000	19130		ug/L		96	90 - 110		

Lab Sample ID: LRC 460-974701/12
Client Sample ID: Lab Control Sample
Matrix: Solid
Analysis Batch: 974701

Analyte			Spike Added	LRC Result	LRC Qualifier	Unit	D	%Rec	%Rec Limits		
Lead			20000	19920		ug/L		100	90 - 110		

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC/MS Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

GC/MS VOA

Prep Batch: 973023

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-303245-1	240503_PWD_SOIL4_6.0-6.5	Total/NA	Solid	5035	
460-303245-2	240503_PWD_SOIL5_6.0-6.5	Total/NA	Solid	5035	
460-303245-3	240503_PWD_SOIL6_6.0-6.5	Total/NA	Solid	5035	
460-303245-4	240503_PWD_SOIL7_6.0-6.5	Total/NA	Solid	5035	
460-303245-5	DUP-2_050324	Total/NA	Solid	5035	
LB3 460-973023/1-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 973337

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-303245-1	240503_PWD_SOIL4_6.0-6.5	Total/NA	Solid	8260D	973023
460-303245-2	240503_PWD_SOIL5_6.0-6.5	Total/NA	Solid	8260D	973023
460-303245-3	240503_PWD_SOIL6_6.0-6.5	Total/NA	Solid	8260D	973023
460-303245-4	240503_PWD_SOIL7_6.0-6.5	Total/NA	Solid	8260D	973023
460-303245-5	DUP-2_050324	Total/NA	Solid	8260D	973023
LB3 460-973023/1-A	Method Blank	Total/NA	Solid	8260D	973023
MB 460-973337/7	Method Blank	Total/NA	Solid	8260D	
LCS 460-973337/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-973337/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 973363

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-303245-6	FB-1_050324	Total/NA	Water	8260D	
MB 460-973363/9	Method Blank	Total/NA	Water	8260D	
LCS 460-973363/3	Lab Control Sample	Total/NA	Water	8260D	
LCSD 460-973363/4	Lab Control Sample Dup	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 973025

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-303245-6	FB-1_050324	Total/NA	Water	3510C	
MB 460-973025/1-A	Method Blank	Total/NA	Water	3510C	
LCS 460-973025/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 460-973025/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
460-303181-F-5-C MSD	Matrix Spike Duplicate	Total/NA	Water	3510C	
460-303181-G-5-A MS	Matrix Spike	Total/NA	Water	3510C	

Analysis Batch: 973040

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-303245-6	FB-1_050324	Total/NA	Water	8270E	973025
MB 460-973025/1-A	Method Blank	Total/NA	Water	8270E	973025
LCS 460-973025/2-A	Lab Control Sample	Total/NA	Water	8270E	973025
LCSD 460-973025/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	973025
460-303181-F-5-C MSD	Matrix Spike Duplicate	Total/NA	Water	8270E	973025
460-303181-G-5-A MS	Matrix Spike	Total/NA	Water	8270E	973025

Prep Batch: 973724

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-303245-1	240503_PWD_SOIL4_6.0-6.5	Total/NA	Solid	3546	
460-303245-2	240503_PWD_SOIL5_6.0-6.5	Total/NA	Solid	3546	
460-303245-3	240503_PWD_SOIL6_6.0-6.5	Total/NA	Solid	3546	

GC/MS Semi VOA (Continued)

Prep Batch: 973724 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-303245-4	240503_PWD_SOIL7_6.0-6.5	Total/NA	Solid	3546	
460-303245-5	DUP-2_050324	Total/NA	Solid	3546	
MB 460-973724/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-973724/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-973724/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-303369-E-10-E MS	Matrix Spike	Total/NA	Solid	3546	
460-303369-E-10-F MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

Analysis Batch: 973784

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-303245-1	240503_PWD_SOIL4_6.0-6.5	Total/NA	Solid	8270E	973724
460-303245-2	240503_PWD_SOIL5_6.0-6.5	Total/NA	Solid	8270E	973724
460-303245-3	240503_PWD_SOIL6_6.0-6.5	Total/NA	Solid	8270E	973724
460-303245-4	240503_PWD_SOIL7_6.0-6.5	Total/NA	Solid	8270E	973724
460-303245-5	DUP-2_050324	Total/NA	Solid	8270E	973724
MB 460-973724/1-A	Method Blank	Total/NA	Solid	8270E	973724
LCS 460-973724/2-A	Lab Control Sample	Total/NA	Solid	8270E	973724
LCSD 460-973724/3-A	Lab Control Sample Dup	Total/NA	Solid	8270E	973724
460-303369-E-10-E MS	Matrix Spike	Total/NA	Solid	8270E	973724
460-303369-E-10-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8270E	973724

GC Semi VOA

Prep Batch: 503073

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-303245-2	240503_PWD_SOIL5_6.0-6.5	Total/NA	Solid	8011	
460-303245-3	240503_PWD_SOIL6_6.0-6.5	Total/NA	Solid	8011	
460-303245-4	240503_PWD_SOIL7_6.0-6.5	Total/NA	Solid	8011	
460-303245-5	DUP-2_050324	Total/NA	Solid	8011	
MB 410-503073/1-A	Method Blank	Total/NA	Solid	8011	
LCS 410-503073/2-A	Lab Control Sample	Total/NA	Solid	8011	
LCSD 410-503073/3-A	Lab Control Sample Dup	Total/NA	Solid	8011	

Analysis Batch: 503517

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-303245-2	240503_PWD_SOIL5_6.0-6.5	Total/NA	Solid	8011	503073
460-303245-3	240503_PWD_SOIL6_6.0-6.5	Total/NA	Solid	8011	503073
460-303245-4	240503_PWD_SOIL7_6.0-6.5	Total/NA	Solid	8011	503073
460-303245-5	DUP-2_050324	Total/NA	Solid	8011	503073
MB 410-503073/1-A	Method Blank	Total/NA	Solid	8011	503073
LCS 410-503073/2-A	Lab Control Sample	Total/NA	Solid	8011	503073
LCSD 410-503073/3-A	Lab Control Sample Dup	Total/NA	Solid	8011	503073

Prep Batch: 504517

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-303245-1	240503_PWD_SOIL4_6.0-6.5	Total/NA	Solid	8011	
MB 410-504517/1-A	Method Blank	Total/NA	Solid	8011	
LCS 410-504517/2-A	Lab Control Sample	Total/NA	Solid	8011	
LCSD 410-504517/3-A	Lab Control Sample Dup	Total/NA	Solid	8011	
460-303245-1 MS	240503_PWD_SOIL4_6.0-6.5	Total/NA	Solid	8011	
460-303245-1 MSD	240503_PWD_SOIL4_6.0-6.5	Total/NA	Solid	8011	

GC Semi VOA

Prep Batch: 504521

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-303245-6	FB-1_050324	Total/NA	Water	8011	
MB 410-504521/1-A	Method Blank	Total/NA	Water	8011	
LCS 410-504521/2-A	Lab Control Sample	Total/NA	Water	8011	
LCSD 410-504521/3-A	Lab Control Sample Dup	Total/NA	Water	8011	

Analysis Batch: 505199

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-303245-1	240503_PWD_SOIL4_6.0-6.5	Total/NA	Solid	8011	504517
MB 410-504517/1-A	Method Blank	Total/NA	Solid	8011	504517
LCS 410-504517/2-A	Lab Control Sample	Total/NA	Solid	8011	504517
LCSD 410-504517/3-A	Lab Control Sample Dup	Total/NA	Solid	8011	504517
460-303245-1 MS	240503_PWD_SOIL4_6.0-6.5	Total/NA	Solid	8011	504517
460-303245-1 MSD	240503_PWD_SOIL4_6.0-6.5	Total/NA	Solid	8011	504517

Analysis Batch: 505957

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-303245-6	FB-1_050324	Total/NA	Water	8011	504521
MB 410-504521/1-A	Method Blank	Total/NA	Water	8011	504521
LCS 410-504521/2-A	Lab Control Sample	Total/NA	Water	8011	504521
LCSD 410-504521/3-A	Lab Control Sample Dup	Total/NA	Water	8011	504521

Metals

Prep Batch: 973170

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-303245-6	FB-1_050324	Total/NA	Water	3010A	
MB 460-973170/1-A	Method Blank	Total/NA	Water	3010A	
LCS 460-973170/2-A	Lab Control Sample	Total/NA	Water	3010A	
460-303181-I-5-C MS	Matrix Spike	Total/NA	Water	3010A	
460-303181-I-5-D MSD	Matrix Spike Duplicate	Total/NA	Water	3010A	
460-303181-I-5-B DU	Duplicate	Total/NA	Water	3010A	

Analysis Batch: 973456

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-303245-6	FB-1_050324	Total/NA	Water	6020B	973170
MB 460-973170/1-A	Method Blank	Total/NA	Water	6020B	973170
LCS 460-973170/2-A	Lab Control Sample	Total/NA	Water	6020B	973170
LRC 460-973456/12	Lab Control Sample		Water	6020B	
LRC 460-973456/13	Lab Control Sample		Water	6020B	
LRC 460-973456/14	Lab Control Sample		Water	6020B	
460-303181-I-5-C MS	Matrix Spike	Total/NA	Water	6020B	973170
460-303181-I-5-D MSD	Matrix Spike Duplicate	Total/NA	Water	6020B	973170
460-303181-I-5-B DU	Duplicate	Total/NA	Water	6020B	973170

Prep Batch: 973567

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-303245-2	240503_PWD_SOIL5_6.0-6.5	Total/NA	Solid	3050B	
460-303245-3	240503_PWD_SOIL6_6.0-6.5	Total/NA	Solid	3050B	
460-303245-4	240503_PWD_SOIL7_6.0-6.5	Total/NA	Solid	3050B	
460-303245-5	DUP-2_050324	Total/NA	Solid	3050B	
MB 460-973567/1-A	Method Blank	Total/NA	Solid	3050B	

Metals (Continued)

Prep Batch: 973567 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSSRM 460-973567/2-A ^3	Lab Control Sample	Total/NA	Solid	3050B	
460-303238-K-1-D MS	Matrix Spike	Total/NA	Solid	3050B	
460-303238-K-1-C DU	Duplicate	Total/NA	Solid	3050B	

Analysis Batch: 973644

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 460-973567/1-A	Method Blank	Total/NA	Solid	6020B	973567
LCSSRM 460-973567/2-A ^3	Lab Control Sample	Total/NA	Solid	6020B	973567
LRC 460-973644/12	Lab Control Sample		Solid	6020B	
LRC 460-973644/13	Lab Control Sample		Solid	6020B	
LRC 460-973644/14	Lab Control Sample		Solid	6020B	
460-303238-K-1-D MS	Matrix Spike	Total/NA	Solid	6020B	973567
460-303238-K-1-C DU	Duplicate	Total/NA	Solid	6020B	973567

Analysis Batch: 973688

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-303245-2	240503_PWD_SOIL5_6.0-6.5	Total/NA	Solid	6020B	973567
460-303245-3	240503_PWD_SOIL6_6.0-6.5	Total/NA	Solid	6020B	973567
460-303245-4	240503_PWD_SOIL7_6.0-6.5	Total/NA	Solid	6020B	973567
460-303245-5	DUP-2_050324	Total/NA	Solid	6020B	973567
LRC 460-973688/12	Lab Control Sample		Solid	6020B	
LRC 460-973688/13	Lab Control Sample		Solid	6020B	
LRC 460-973688/14	Lab Control Sample		Solid	6020B	

Prep Batch: 974363

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-303245-1	240503_PWD_SOIL4_6.0-6.5	Total/NA	Solid	3050B	
MB 460-974363/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 460-974363/2-A ^3	Lab Control Sample	Total/NA	Solid	3050B	
460-303659-E-2-K MS	Matrix Spike	Total/NA	Solid	3050B	
460-303659-E-2-L MSD	Matrix Spike Duplicate	Total/NA	Solid	3050B	
460-303659-A-2-G DU	Duplicate	Total/NA	Solid	3050B	

Analysis Batch: 974701

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-303245-1	240503_PWD_SOIL4_6.0-6.5	Total/NA	Solid	6020B	974363
MB 460-974363/1-A	Method Blank	Total/NA	Solid	6020B	974363
LCSSRM 460-974363/2-A ^3	Lab Control Sample	Total/NA	Solid	6020B	974363
LRC 460-974701/12	Lab Control Sample		Solid	6020B	
LRC 460-974701/13	Lab Control Sample		Solid	6020B	
LRC 460-974701/14	Lab Control Sample		Solid	6020B	
460-303659-E-2-K MS	Matrix Spike	Total/NA	Solid	6020B	974363
460-303659-E-2-L MSD	Matrix Spike Duplicate	Total/NA	Solid	6020B	974363
460-303659-A-2-G DU	Duplicate	Total/NA	Solid	6020B	974363

General Chemistry

Analysis Batch: 973280

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-303245-2	240503_PWD_SOIL5_6.0-6.5	Total/NA	Solid	Moisture	
460-303245-3	240503_PWD_SOIL6_6.0-6.5	Total/NA	Solid	Moisture	

General Chemistry (Continued)

Analysis Batch: 973280 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-303245-4	240503_PWD_SOIL7_6.0-6.5	Total/NA	Solid	Moisture	
460-303245-5	DUP-2_050324	Total/NA	Solid	Moisture	
460-303083-A-1 MS	Matrix Spike	Total/NA	Solid	Moisture	
460-303083-A-1 MSD	Matrix Spike Duplicate	Total/NA	Solid	Moisture	
460-303193-A-1 DU	Duplicate	Total/NA	Solid	Moisture	

Analysis Batch: 973689

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-303245-1	240503_PWD_SOIL4_6.0-6.5	Total/NA	Solid	Moisture	
460-303408-A-5 DU	Duplicate	Total/NA	Solid	Moisture	

Client Sample ID: 240503_PWD_SOIL4_6.0-6.5
Lab Sample ID: 460-303245-1
Date Collected: 05/03/24 09:45
Matrix: Solid
Date Received: 05/03/24 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	973689	CJC	EET EDI	05/08/24 16:29

Client Sample ID: 240503_PWD_SOIL4_6.0-6.5
Lab Sample ID: 460-303245-1
Date Collected: 05/03/24 09:45
Matrix: Solid
Date Received: 05/03/24 19:00
Percent Solids: 89.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			973023	AAT	EET EDI	05/04/24 10:57
Total/NA	Analysis	8260D		1	973337	AAT	EET EDI	05/07/24 08:43
Total/NA	Prep	3546			973724	REN	EET EDI	05/08/24 18:22
Total/NA	Analysis	8270E		1	973784	MDJ	EET EDI	05/09/24 09:40
Total/NA	Prep	8011			504517	U7CG	ELLE	05/10/24 08:28
Total/NA	Analysis	8011		1	505199	URS0	ELLE	05/13/24 10:54
Total/NA	Prep	3050B			974363	GAE	EET EDI	05/11/24 22:45
Total/NA	Analysis	6020B		1	974701	JKF	EET EDI	05/13/24 18:58

Client Sample ID: 240503_PWD_SOIL5_6.0-6.5
Lab Sample ID: 460-303245-2
Date Collected: 05/03/24 10:40
Matrix: Solid
Date Received: 05/03/24 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	973280	CJC	EET EDI	05/06/24 15:32

Client Sample ID: 240503_PWD_SOIL5_6.0-6.5
Lab Sample ID: 460-303245-2
Date Collected: 05/03/24 10:40
Matrix: Solid
Date Received: 05/03/24 19:00
Percent Solids: 88.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			973023	AAT	EET EDI	05/04/24 11:03
Total/NA	Analysis	8260D		1	973337	AAT	EET EDI	05/07/24 09:08
Total/NA	Prep	3546			973724	REN	EET EDI	05/08/24 18:22
Total/NA	Analysis	8270E		1	973784	MDJ	EET EDI	05/09/24 07:48
Total/NA	Prep	8011			503073	U7CG	ELLE	05/07/24 12:20
Total/NA	Analysis	8011		1	503517	URS0	ELLE	05/08/24 15:04
Total/NA	Prep	3050B			973567	FBT	EET EDI	05/08/24 06:25
Total/NA	Analysis	6020B		1	973688	CDC	EET EDI	05/08/24 14:49

Client Sample ID: 240503_PWD_SOIL6_6.0-6.5
Lab Sample ID: 460-303245-3
Date Collected: 05/03/24 11:40
Matrix: Solid
Date Received: 05/03/24 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	973280	CJC	EET EDI	05/06/24 15:32

Client Sample ID: 240503_PWD_SOIL6_6.0-6.5
Lab Sample ID: 460-303245-3
Date Collected: 05/03/24 11:40
Matrix: Solid
Date Received: 05/03/24 19:00
Percent Solids: 89.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			973023	AAT	EET EDI	05/04/24 11:09
Total/NA	Analysis	8260D		1	973337	AAT	EET EDI	05/07/24 09:33
Total/NA	Prep	3546			973724	REN	EET EDI	05/08/24 18:22
Total/NA	Analysis	8270E		1	973784	MDJ	EET EDI	05/09/24 08:10
Total/NA	Prep	8011			503073	U7CG	ELLE	05/07/24 12:20
Total/NA	Analysis	8011		1	503517	URS0	ELLE	05/08/24 15:21
Total/NA	Prep	3050B			973567	FBT	EET EDI	05/08/24 06:25
Total/NA	Analysis	6020B		1	973688	CDC	EET EDI	05/08/24 14:51

Client Sample ID: 240503_PWD_SOIL7_6.0-6.5
Lab Sample ID: 460-303245-4
Date Collected: 05/03/24 13:00
Matrix: Solid
Date Received: 05/03/24 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	973280	CJC	EET EDI	05/06/24 15:32

Client Sample ID: 240503_PWD_SOIL7_6.0-6.5
Lab Sample ID: 460-303245-4
Date Collected: 05/03/24 13:00
Matrix: Solid
Date Received: 05/03/24 19:00
Percent Solids: 86.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			973023	AAT	EET EDI	05/04/24 11:15
Total/NA	Analysis	8260D		1	973337	AAT	EET EDI	05/07/24 09:58
Total/NA	Prep	3546			973724	REN	EET EDI	05/08/24 18:22
Total/NA	Analysis	8270E		1	973784	MDJ	EET EDI	05/09/24 11:10
Total/NA	Prep	8011			503073	U7CG	ELLE	05/07/24 12:20
Total/NA	Analysis	8011		1	503517	URS0	ELLE	05/08/24 15:38
Total/NA	Prep	3050B			973567	FBT	EET EDI	05/08/24 06:25
Total/NA	Analysis	6020B		1	973688	CDC	EET EDI	05/08/24 14:53

Client Sample ID: DUP-2_050324
Lab Sample ID: 460-303245-5
Date Collected: 05/03/24 00:00
Matrix: Solid
Date Received: 05/03/24 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	973280	CJC	EET EDI	05/06/24 15:32

Client Sample ID: DUP-2_050324
Lab Sample ID: 460-303245-5
Date Collected: 05/03/24 00:00
Matrix: Solid
Date Received: 05/03/24 19:00
Percent Solids: 89.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			973023	AAT	EET EDI	05/04/24 11:21
Total/NA	Analysis	8260D		1	973337	AAT	EET EDI	05/07/24 10:23
Total/NA	Prep	3546			973724	REN	EET EDI	05/08/24 18:22
Total/NA	Analysis	8270E		1	973784	MDJ	EET EDI	05/09/24 08:33

Client Sample ID: DUP-2_050324
Lab Sample ID: 460-303245-5

Date Collected: 05/03/24 00:00
Matrix: Solid
Date Received: 05/03/24 19:00
Percent Solids: 89.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	8011			503073	U7CG	ELLE	05/07/24 12:20
Total/NA	Analysis	8011		1	503517	URS0	ELLE	05/08/24 15:56
Total/NA	Prep	3050B			973567	FBT	EET EDI	05/08/24 06:25
Total/NA	Analysis	6020B		1	973688	CDC	EET EDI	05/08/24 14:56

Client Sample ID: FB-1_050324
Lab Sample ID: 460-303245-6

Date Collected: 05/03/24 13:05
Matrix: Water
Date Received: 05/03/24 19:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	973363	MZS	EET EDI	05/07/24 12:51
Total/NA	Prep	3510C			973025	NMP	EET EDI	05/04/24 11:38
Total/NA	Analysis	8270E		1	973040	YAH	EET EDI	05/04/24 23:51
Total/NA	Prep	8011			504521	UMAD	ELLE	05/10/24 07:45
Total/NA	Analysis	8011		1	505957	URS0	ELLE	05/14/24 16:55
Total/NA	Prep	3010A			973170	JKF	EET EDI	05/06/24 07:14
Total/NA	Analysis	6020B		1	973456	CDC	EET EDI	05/07/24 19:51

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 460-303245-1
Project/Site: UCS Investigation

Laboratory: Eurofins Edison

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Jersey	NELAP	12028	06-30-24

The following analytes are included in this report, but the laboratory is not certified by New Jersey NELAP 12028. This list may include analytes for which the agency does not offer certification:

Analysis Method	Prep Method	Matrix	Analyte
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	0001.01	05-30-24
A2LA	ISO/IEC 17025	0001.01	11-30-24
Alabama	State	43200	01-31-25
Alaska	State	PA00009	06-30-24
Alaska (UST)	State	17-027	02-28-25
Arizona	State	AZ0780	03-12-25
Arkansas DEQ	State	88-00660	08-09-24
California	State	2792	11-30-24
Colorado	State	PA00009	06-16-24
Connecticut	State	PH-0746	06-30-25
DE Haz. Subst. Cleanup Act (HSCA)	State	019-006 (PA cert)	01-31-25
Delaware (DW)	State	N/A	01-31-25
Florida	NELAP	E87997	06-09-24
Georgia (DW)	State	C048	01-31-25
Hawaii	State	N/A	01-31-25
Illinois	NELAP	200027	06-09-24
Kansas	NELAP	E-10151	10-31-24
Kentucky (DW)	State	KY90088	12-31-24
Kentucky (UST)	State	0001.01	11-30-24
Kentucky (WW)	State	KY90088	12-31-24
Louisiana (All)	NELAP	02055	06-30-24
Maine	State	2019012	03-12-25
Maryland	State	100	06-30-25
Massachusetts	State	M-PA009	05-14-24
Michigan	State	9930	01-31-25
Minnesota	NELAP	042-999-487	12-31-24
Mississippi	State	023	01-31-25
Missouri	State	450	01-31-25
Montana (DW)	State	0098	01-01-25

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Nebraska	State	NE-OS-32-17	01-31-25
New Hampshire	NELAP	2730	01-10-25
New Jersey	NELAP	PA011	06-30-24
New York	NELAP	10670	04-01-25
North Carolina (DW)	State	42705	07-31-24
North Carolina (WW/SW)	State	521	05-23-24
North Dakota	State	R-205	01-31-24 *
Oklahoma	NELAP	9804	08-31-24
Oregon	NELAP	PA200001	09-11-24
Pennsylvania	NELAP	36-00037	06-09-24
Quebec Ministry of Environment and Fight against Climate Change	PALA	507	09-16-24
Rhode Island	State	LAO00338	12-30-24
Tennessee	State	02838	01-31-25
Texas	NELAP	T104704194-23-46	06-12-24
USDA	US Federal Programs	525-22-298-19481	10-25-25
Vermont	State	VT - 36037	10-28-24
Virginia	NELAP	460182	06-14-24
Washington	State	C457	04-11-24 *
West Virginia (DW)	State	9906 C	01-31-25
West Virginia DEP	State	055	05-14-24
Wyoming	State	8TMS-L	01-31-25
Wyoming (UST)	A2LA	0001.01	11-30-24

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

8260D

Volatile Organic Compounds by GC/MS

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): DB-624 ID: 0.18(mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
240503_PWD_SOIL4_6.0-6.5	460-303245-1	98	104	92	98
240503_PWD_SOIL5_6.0-6.5	460-303245-2	99	101	91	97
240503_PWD_SOIL6_6.0-6.5	460-303245-3	102	106	90	98
240503_PWD_SOIL7_6.0-6.5	460-303245-4	101	107	90	98
DUP-2_050324	460-303245-5	100	105	92	97
	MB 460-973337/7	98	100	95	101
	LB3 460-973023/1-A	100	100	95	99
	LCS 460-973337/3	98	99	96	101
	LCSD 460-973337/4	97	99	94	98

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	54-150
DCA = 1,2-Dichloroethane-d4 (Surr)	72-138
TOL = Toluene-d8 (Surr)	71-126
BFB = 4-Bromofluorobenzene	63-139

Column to be used to flag recovery values

FORM II 8260D

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): Rtx-624 ID: 0.25(mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
FB-1_050324	460-303245-6	92	91	92	101
	MB 460-973363/9	96	94	95	103
	LCS 460-973363/3	90	88	95	104
	LCSD 460-973363/4	94	90	93	102

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	77-132
DCA = 1,2-Dichloroethane-d4 (Surr)	70-128
TOL = Toluene-d8 (Surr)	80-120
BFB = 4-Bromofluorobenzene	76-120

Column to be used to flag recovery values

FORM II 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: B13889.D

Lab ID: LCS 460-973337/3 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
Benzene	0.0200	0.0179	90	75-130	
Ethylbenzene	0.0200	0.0202	101	80-120	
Toluene	0.0200	0.0191	95	80-120	
Xylenes, Total	0.0400	0.0412	103	80-120	
MTBE	0.0200	0.0195	97	74-125	
1,2-Dibromoethane	0.0200	0.0205	102	79-120	
Naphthalene	0.0200	0.0213	106	42-150	
1,2,4-Trimethylbenzene	0.0200	0.0204	102	71-120	
1,3,5-Trimethylbenzene	0.0200	0.0203	102	70-120	
Isopropylbenzene	0.0200	0.0215	107	80-120	
1,2-Dichloroethane	0.0200	0.0199	99	70-123	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P27269.D

Lab ID: LCS 460-973363/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Benzene	20.0	19.5	98	71-126	
Ethylbenzene	20.0	19.8	99	78-120	
Toluene	20.0	19.6	98	78-120	
Xylenes, Total	40.0	39.3	98	80-120	
MTBE	20.0	18.8	94	72-131	
1,2-Dibromoethane	20.0	19.9	99	79-126	
Naphthalene	20.0	21.0	105	44-120	
1,2,4-Trimethylbenzene	20.0	20.1	100	75-125	
1,3,5-Trimethylbenzene	20.0	19.8	99	75-125	
Isopropylbenzene	20.0	20.0	100	79-125	
1,2-Dichloroethane	20.0	19.2	96	66-129	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: B13890.D

Lab ID: LCSD 460-973337/4 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCSD CONCENTRATION (mg/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Benzene	0.0200	0.0173	87	3	30	75-130	
Ethylbenzene	0.0200	0.0209	105	3	30	80-120	
Toluene	0.0200	0.0195	98	2	30	80-120	
Xylenes, Total	0.0400	0.0414	104	1	30	80-120	
MTBE	0.0200	0.0198	99	1	30	74-125	
1,2-Dibromoethane	0.0200	0.0206	103	1	30	79-120	
Naphthalene	0.0200	0.0213	106	0	30	42-150	
1,2,4-Trimethylbenzene	0.0200	0.0208	104	2	30	71-120	
1,3,5-Trimethylbenzene	0.0200	0.0206	103	1	30	70-120	
Isopropylbenzene	0.0200	0.0215	108	0	30	80-120	
1,2-Dichloroethane	0.0200	0.0200	100	1	30	70-123	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P27270.D

Lab ID: LCSD 460-973363/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Benzene	20.0	18.2	91	7	30	71-126	
Ethylbenzene	20.0	18.3	91	8	30	78-120	
Toluene	20.0	18.3	91	7	30	78-120	
Xylenes, Total	40.0	36.6	91	7	30	80-120	
MTBE	20.0	18.8	94	0	30	72-131	
1,2-Dibromoethane	20.0	18.4	92	8	30	79-126	
Naphthalene	20.0	19.8	99	6	30	44-120	
1,2,4-Trimethylbenzene	20.0	18.3	92	9	30	75-125	
1,3,5-Trimethylbenzene	20.0	18.1	91	9	30	75-125	
Isopropylbenzene	20.0	18.5	93	8	30	79-125	
1,2-Dichloroethane	20.0	19.1	95	1	30	66-129	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Lab File ID: B13893.D Lab Sample ID: MB 460-973337/7

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: CVOAMS2 Date Analyzed: 05/07/2024 06:38

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-973337/3	B13889.D	05/07/2024 04:46
	LCSD 460-973337/4	B13890.D	05/07/2024 05:11
	LB3 460-973023/1-A	B13897.D	05/07/2024 08:18
240503_PWD_SOIL4_6.0-6.5	460-303245-1	B13898.D	05/07/2024 08:43
240503_PWD_SOIL5_6.0-6.5	460-303245-2	B13899.D	05/07/2024 09:08
240503_PWD_SOIL6_6.0-6.5	460-303245-3	B13900.D	05/07/2024 09:33
240503_PWD_SOIL7_6.0-6.5	460-303245-4	B13901.D	05/07/2024 09:58
DUP-2_050324	460-303245-5	B13902.D	05/07/2024 10:23

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Lab File ID: P27275.D Lab Sample ID: MB 460-973363/9

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: CVOAMS13 Date Analyzed: 05/07/2024 11:21

GC Column: Rtx-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-973363/3	P27269.D	05/07/2024 09:06
	LCSD 460-973363/4	P27270.D	05/07/2024 09:28
FB-1_050324	460-303245-6	P27279.D	05/07/2024 12:51

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Lab File ID: P27113.D BFB Injection Date: 05/03/2024

Instrument ID: CVOAMS13 BFB Injection Time: 05:45

Analysis Batch No.: 972799

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	50 - 200% of m/z 174	135.4
96	5 - 9% of m/z 95	7.0
173	Less than 2% of m/z 174	0.2
174	50 - 200% of m/z 95	73.8
175	5 - 9% of m/z 174	6.0
176	95 -105% of m/z 174	97.6
177	5 - 10% of m/z 176	6.3

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD7 460-972799/3	P27115.D	05/03/2024	6:36
	STD1 460-972799/4	P27116.D	05/03/2024	6:58
	STD5 460-972799/5	P27117.D	05/03/2024	7:21
	STD20 460-972799/6	P27118.D	05/03/2024	7:43
	STD50 460-972799/7	P27119.D	05/03/2024	8:05
	STD200 460-972799/22	P27134.D	05/03/2024	14:26
	STD500 460-972799/23	P27135.D	05/03/2024	14:48
	ICV 460-972799/28	P27140.D	05/03/2024	16:40

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Lab File ID: B13377.D BFB Injection Date: 04/15/2024

Instrument ID: CVOAMS2 BFB Injection Time: 04:48

Analysis Batch No.: 969539

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	50 - 200% of m/z 174	109.8
96	5 - 9% of m/z 95	7.2
173	Less than 2% of m/z 174	0.4
174	50 - 200% of m/z 95	91.1
175	5 - 9% of m/z 174	8.4
176	95 -105% of m/z 174	97.4
177	5 - 10% of m/z 176	6.6

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD200 460-969539/7	B13383.D	04/15/2024	7:45
	STD500 460-969539/8	B13384.D	04/15/2024	8:09
	STD1 460-969539/16	B13392.D	04/15/2024	11:57
	STD5 460-969539/17	B13393.D	04/15/2024	12:22
	STD20 460-969539/18	B13394.D	04/15/2024	12:46
	STD50 460-969539/19	B13395.D	04/15/2024	13:11
	ICV 460-969539/22	B13398.D	04/15/2024	14:25

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Sample No.: STD20 460-972799/6 Date Analyzed: 05/03/2024 07:43

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): P27118.D Heated Purge: (Y/N) N

Calibration ID: 97038

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		257977	2.35	337858	3.44	624391	4.06
UPPER LIMIT		515954	2.85	675716	3.94	1248782	4.56
LOWER LIMIT		128989	1.85	168929	2.94	312196	3.56
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-972799/28		267214	2.35	329987	3.44	629891	4.06

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Sample No.: STD20 460-972799/6 Date Analyzed: 05/03/2024 07:43

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): P27118.D Heated Purge: (Y/N) N

Calibration ID: 97038

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		34540	4.96	479660	7.56	275160	11.13
UPPER LIMIT		69080	5.46	959320	8.06	550320	11.63
LOWER LIMIT		17270	4.46	239830	7.06	137580	10.63
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-972799/28		35001	4.96	493077	7.56	287912	11.12

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Sample No.: CCVIS 460-973363/2 Date Analyzed: 05/07/2024 08:43

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): P27268.D Heated Purge: (Y/N) N

Calibration ID: 97038

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		218722	2.35	286812	3.44	579816	4.06
UPPER LIMIT		437444	2.85	573624	3.94	1159632	4.56
LOWER LIMIT		109361	1.85	143406	2.94	289908	3.56
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-973363/3		218146	2.35	286067	3.44	604808	4.06
LCSD 460-973363/4		217959	2.35	283886	3.44	570152	4.06
MB 460-973363/9		226384	2.35	282409	3.44	561407	4.06
460-303245-6	FB-1_050324	214068	2.35	278616	3.44	549666	4.06

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Sample No.: CCVIS 460-973363/2 Date Analyzed: 05/07/2024 08:43

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): P27268.D Heated Purge: (Y/N) N

Calibration ID: 97038

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		31876	4.96	449731	7.56	260056	11.13
UPPER LIMIT		63752	5.46	899462	8.06	520112	11.63
LOWER LIMIT		15938	4.46	224866	7.06	130028	10.63
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-973363/3		31675	4.96	447766	7.56	260761	11.12
LCSD 460-973363/4		31841	4.96	446480	7.56	262138	11.12
MB 460-973363/9		32106	4.96	441673	7.56	257802	11.13
460-303245-6	FB-1_050324	30636	4.96	429622	7.56	250859	11.12

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Sample No.: STD20 460-969539/18 Date Analyzed: 04/15/2024 12:46

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): B13394.D Heated Purge: (Y/N) Y

Calibration ID: 96703

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		536176	2.29	341371	3.18	616702	4.31
UPPER LIMIT		1072352	2.79	682742	3.68	1233404	4.81
LOWER LIMIT		268088	1.79	170686	2.68	308351	3.81
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-969539/22		529853	2.29	349844	3.18	606357	4.31

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Sample No.: STD20 460-969539/18 Date Analyzed: 04/15/2024 12:46

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): B13394.D Heated Purge: (Y/N) Y

Calibration ID: 96703

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		35183	5.06	526690	7.83	342183	9.79
UPPER LIMIT		70366	5.56	1053380	8.33	684366	10.29
LOWER LIMIT		17592	4.56	263345	7.33	171092	9.29
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-969539/22		35136	5.06	521693	7.83	333514	9.79

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Sample No.: CCVIS 460-973337/2 Date Analyzed: 05/07/2024 04:20

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): B13888.D Heated Purge: (Y/N) Y

Calibration ID: 96703

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		492414	2.29	302212	3.18	790194	4.31
UPPER LIMIT		984828	2.79	604424	3.68	1580388	4.81
LOWER LIMIT		246207	1.79	151106	2.68	395097	3.81
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-973337/3		520372	2.29	311968	3.18	764340	4.30
LCSD 460-973337/4		556909	2.29	317401	3.18	771835	4.30
MB 460-973337/7		456635	2.29	272049	3.18	701605	4.30
LB3 460-973023/1-A		374025	2.29	221589	3.17	643231	4.30
460-303245-1	240503_PWD_SOIL4_6.0-6.5	406253	2.29	249570	3.18	659362	4.30
460-303245-2	240503_PWD_SOIL5_6.0-6.5	350015	2.28	220343	3.18	628660	4.29
460-303245-3	240503_PWD_SOIL6_6.0-6.5	396646	2.29	234775	3.18	619267	4.30
460-303245-4	240503_PWD_SOIL7_6.0-6.5	424734	2.28	242675	3.18	594384	4.30
460-303245-5	DUP-2_050324	454104	2.28	221451	3.17	596412	4.30

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Sample No.: CCVIS 460-973337/2 Date Analyzed: 05/07/2024 04:20

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): B13888.D Heated Purge: (Y/N) Y

Calibration ID: 96703

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		35609	5.06	656251	7.83	451216	9.79
UPPER LIMIT		71218	5.56	1312502	8.33	902432	10.29
LOWER LIMIT		17805	4.56	328126	7.33	225608	9.29
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-973337/3		36956	5.06	639212	7.83	426818	9.79
LCSD 460-973337/4		39525	5.05	677062	7.83	447479	9.79
MB 460-973337/7		31974	5.06	585452	7.83	390038	9.79
LB3 460-973023/1-A		26297	5.06	535610	7.83	365376	9.79
460-303245-1	240503_PWD_SOIL4_6.0-6.5	29519	5.07	551965	7.83	368416	9.79
460-303245-2	240503_PWD_SOIL5_6.0-6.5	25457	5.05	529519	7.83	360147	9.79
460-303245-3	240503_PWD_SOIL6_6.0-6.5	26467	5.06	525185	7.83	354723	9.79
460-303245-4	240503_PWD_SOIL7_6.0-6.5	28053	5.07	506317	7.83	337985	9.79
460-303245-5	DUP-2_050324	26267	5.06	504597	7.83	348059	9.79

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-303245-1

SDG No.:

Client Sample ID: 240503_PWD_SOIL4_6.0-6.5 | Lab Sample ID: 460-303245-1

Matrix: Solid | Lab File ID: B13898.D

Analysis Method: 8260D | Date Collected: 05/03/2024 09:45

Sample wt/vol: 7.02(g) | Date Analyzed: 05/07/2024 08:43

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 10.5 % Solids: 89.5 | Level: (low/med) Low

Analysis Batch No.: 973337 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	0.00021	U	0.00080	0.00021
100-41-4	Ethylbenzene	0.00016	U	0.00080	0.00016
108-88-3	Toluene	0.00019	U	0.00080	0.00019
1330-20-7	Xylenes, Total	0.00014	U	0.0016	0.00014
1634-04-4	MTBE	0.00041	U	0.00080	0.00041
106-93-4	1,2-Dibromoethane	0.00014	U	0.00080	0.00014
91-20-3	Naphthalene	0.00033	U	0.0012	0.00033
95-63-6	1,2,4-Trimethylbenzene	0.00020	U	0.00080	0.00020
108-67-8	1,3,5-Trimethylbenzene	0.00025	U	0.00080	0.00025
98-82-8	Isopropylbenzene	0.00023	U	0.00080	0.00023
107-06-2	1,2-Dichloroethane	0.00024	U	0.00080	0.00024

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		72-138
460-00-4	4-Bromofluorobenzene	98		63-139
1868-53-7	Dibromofluoromethane (Surr)	98		54-150
2037-26-5	Toluene-d8 (Surr)	92		71-126

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20240507-175545.b\B13898.D
Lims ID: 460-303245-B-1-A
Client ID: 240503_PWD_SOIL4_6.0-6.5
Sample Type: Client
Inject. Date: 07-May-2024 08:43:30 ALS Bottle#: 12 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-303245-B-1-A
Misc. Info.: 460-0175545-012
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20240507-175545.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 09-Jul-2024 14:35:28 Calib Date: 15-Apr-2024 13:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20240415-174688.b\B13395.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1606

First Level Reviewer: C1JX Date: 07-May-2024 16:34:54

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	2.288	2.288	0.000	0	406253	1000.0	
* 40 2-Butanone-d5	46	3.178	3.184	-0.006	0	249570	250.0	
$ 50 Dibromofluoromethane (Surr)	113	3.641	3.648	-0.007	98	222043	49.2	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	3.952	3.959	-0.007	0	219989	51.8	
* 60 Fluorobenzene	96	4.300	4.306	-0.006	99	659362	50.0	
* 69 1,4-Dioxane-d8	96	5.068	5.056	0.012	0	29519	1000.0	
$ 79 Toluene-d8 (Surr)	98	6.147	6.153	-0.006	99	714883	45.9	
* 91 Chlorobenzene-d5	117	7.830	7.830	0.000	83	551965	50.0	
$ 103 4-Bromofluorobenzene	174	8.897	8.897	0.000	96	295069	49.2	
* 117 1,4-Dichlorobenzene-d4	152	9.787	9.793	-0.006	93	368416	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00246 Amount Added: 1.00 Units: uL Run Reagent

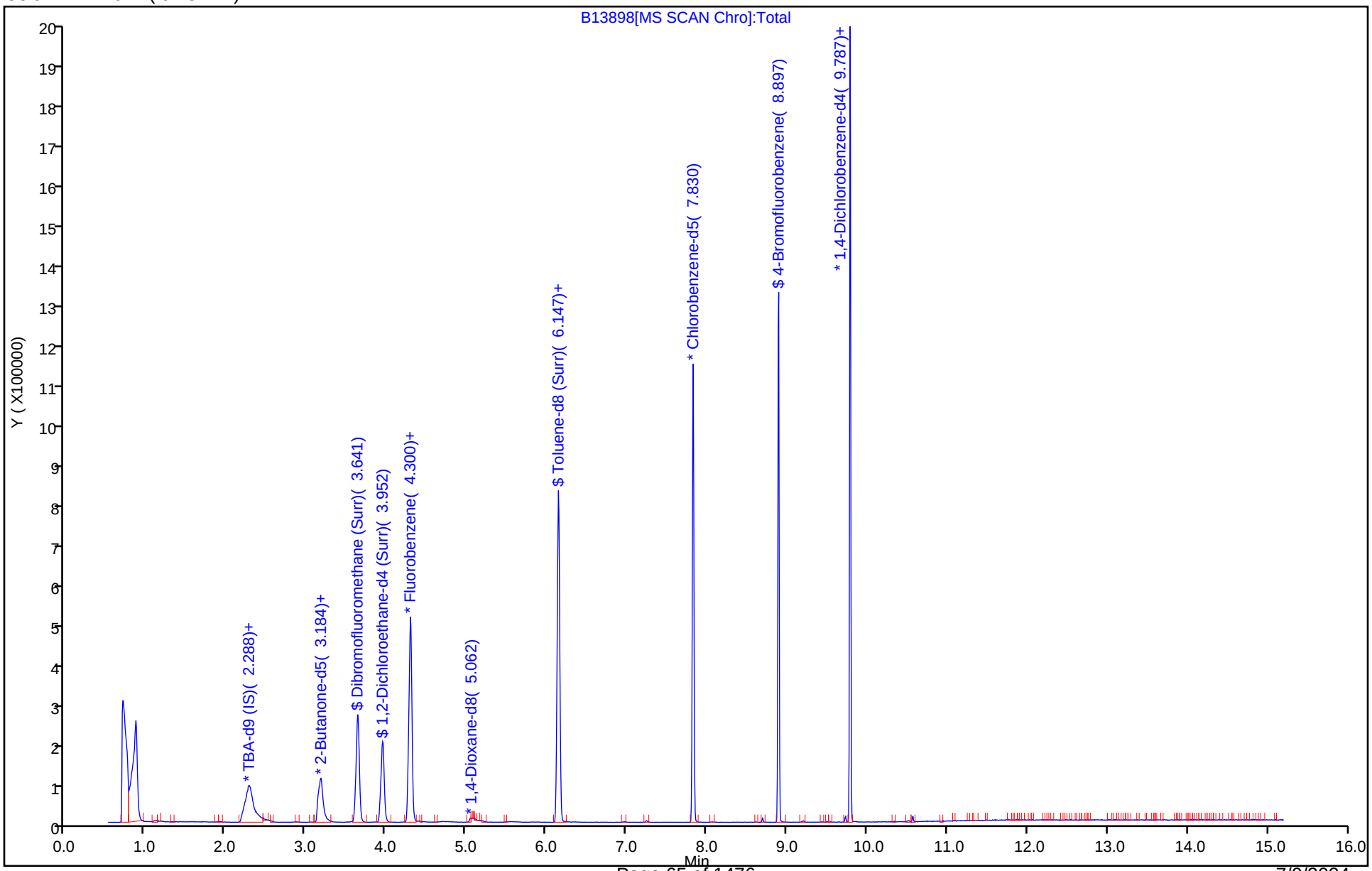
Report Date: 09-Jul-2024 14:35:28 Chrom Revision: 2.3 26-Jun-2024 16:13:32

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20240507-175545.b\B13898.D

Injection Date:	07-May-2024 08:43:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	460-303245-B-1-A	Lab Sample ID:	460-303245-1	Worklist Smp#:	12
Client ID:	240503_PWD_SOIL4_6.0-6.5				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



7/9/2024
8:32:15 AM

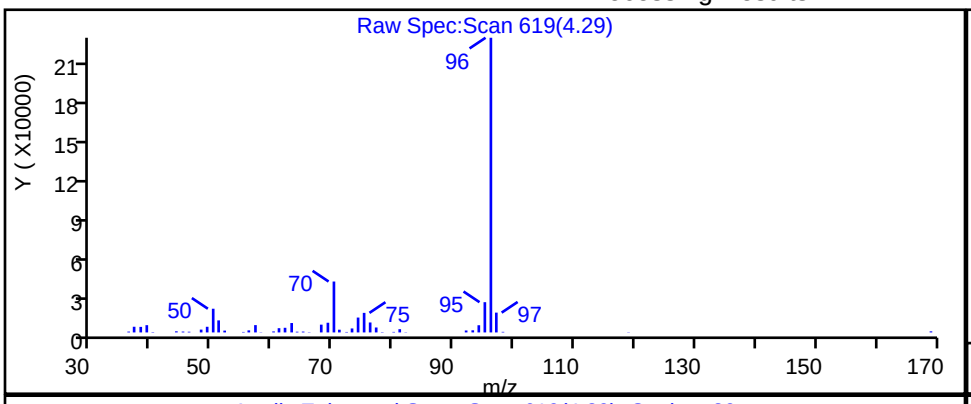
User Disabled Compound Report

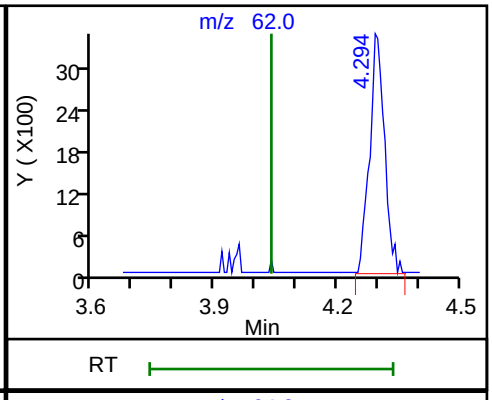
Eurofins Edison

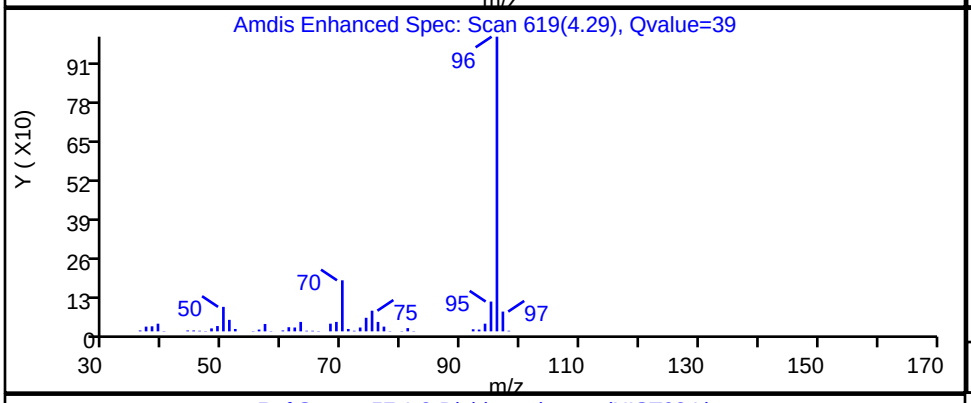
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Injection Date:	07-May-2024 08:43:30	Instrument ID:	CVOAMS2		
Lims ID:	460-303245-B-1-A	Lab Sample ID:	460-303245-1		
Client ID:	240503_PWD_SOIL4_6.0-6.5				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

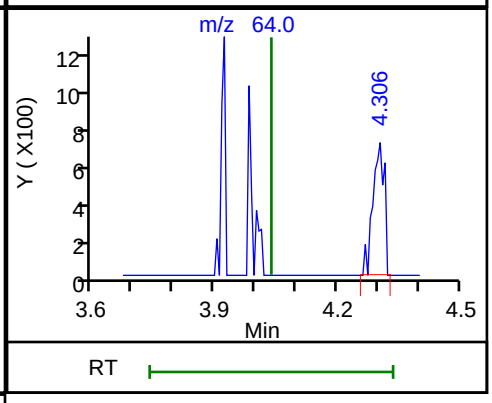
57 1,2-Dichloroethane, CAS: 107-06-2

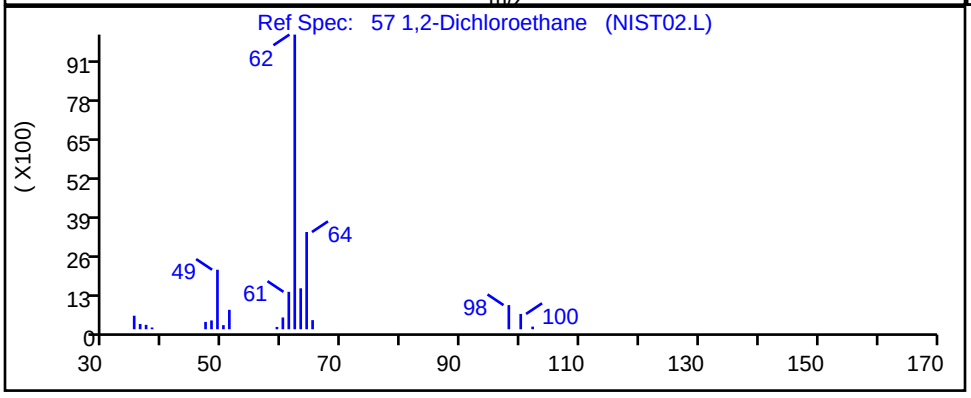
Processing Results











RT	Mass	Response	Amount
4.29	62.00	8800	1.899000
4.31	64.00	1331	

Reviewer: UHA6, 09-Jul-2024 14:35:25 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-303245-1

SDG No.:

Client Sample ID: 240503_PWD_SOIL5_6.0-6.5 | Lab Sample ID: 460-303245-2

Matrix: Solid | Lab File ID: B13899.D

Analysis Method: 8260D | Date Collected: 05/03/2024 10:40

Sample wt/vol: 6.65(g) | Date Analyzed: 05/07/2024 09:08

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 11.7 % Solids: 88.3 | Level: (low/med) Low

Analysis Batch No.: 973337 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	0.00022	U	0.00085	0.00022
100-41-4	Ethylbenzene	0.00017	U	0.00085	0.00017
108-88-3	Toluene	0.00020	U	0.00085	0.00020
1330-20-7	Xylenes, Total	0.00015	U	0.0017	0.00015
1634-04-4	MTBE	0.00044	U	0.00085	0.00044
106-93-4	1,2-Dibromoethane	0.00015	U	0.00085	0.00015
91-20-3	Naphthalene	0.00035	U	0.0013	0.00035
95-63-6	1,2,4-Trimethylbenzene	0.00021	U	0.00085	0.00021
108-67-8	1,3,5-Trimethylbenzene	0.00027	U	0.00085	0.00027
98-82-8	Isopropylbenzene	0.00024	U	0.00085	0.00024
107-06-2	1,2-Dichloroethane	0.00025	U	0.00085	0.00025

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		72-138
460-00-4	4-Bromofluorobenzene	97		63-139
1868-53-7	Dibromofluoromethane (Surr)	99		54-150
2037-26-5	Toluene-d8 (Surr)	91		71-126

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20240507-175545.b\B13899.D
Lims ID: 460-303245-B-2-A
Client ID: 240503_PWD_SOIL5_6.0-6.5
Sample Type: Client
Inject. Date: 07-May-2024 09:08:30 ALS Bottle#: 13 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-303245-B-2-A
Misc. Info.: 460-0175545-013
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20240507-175545.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 09-Jul-2024 14:35:34 Calib Date: 15-Apr-2024 13:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20240415-174688.b\B13395.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1606

First Level Reviewer: C1JX Date: 07-May-2024 16:34:43

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	2.282	2.288	-0.006	0	350015	1000.0	
* 40 2-Butanone-d5	46	3.178	3.184	-0.006	0	220343	250.0	
$ 50 Dibromofluoromethane (Surr)	113	3.641	3.648	-0.007	98	212372	49.3	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	3.946	3.959	-0.013	0	204166	50.4	
* 60 Fluorobenzene	96	4.294	4.306	-0.012	99	628660	50.0	
* 69 1,4-Dioxane-d8	96	5.050	5.056	-0.006	0	25457	1000.0	
$ 79 Toluene-d8 (Surr)	98	6.147	6.153	-0.006	99	681212	45.6	
* 91 Chlorobenzene-d5	117	7.830	7.830	0.000	83	529519	50.0	
$ 103 4-Bromofluorobenzene	174	8.897	8.897	-0.001	96	285060	48.6	
* 117 1,4-Dichlorobenzene-d4	152	9.793	9.793	0.000	93	360147	50.0	

Reagents:

8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00246 Amount Added: 1.00 Units: uL Run Reagent

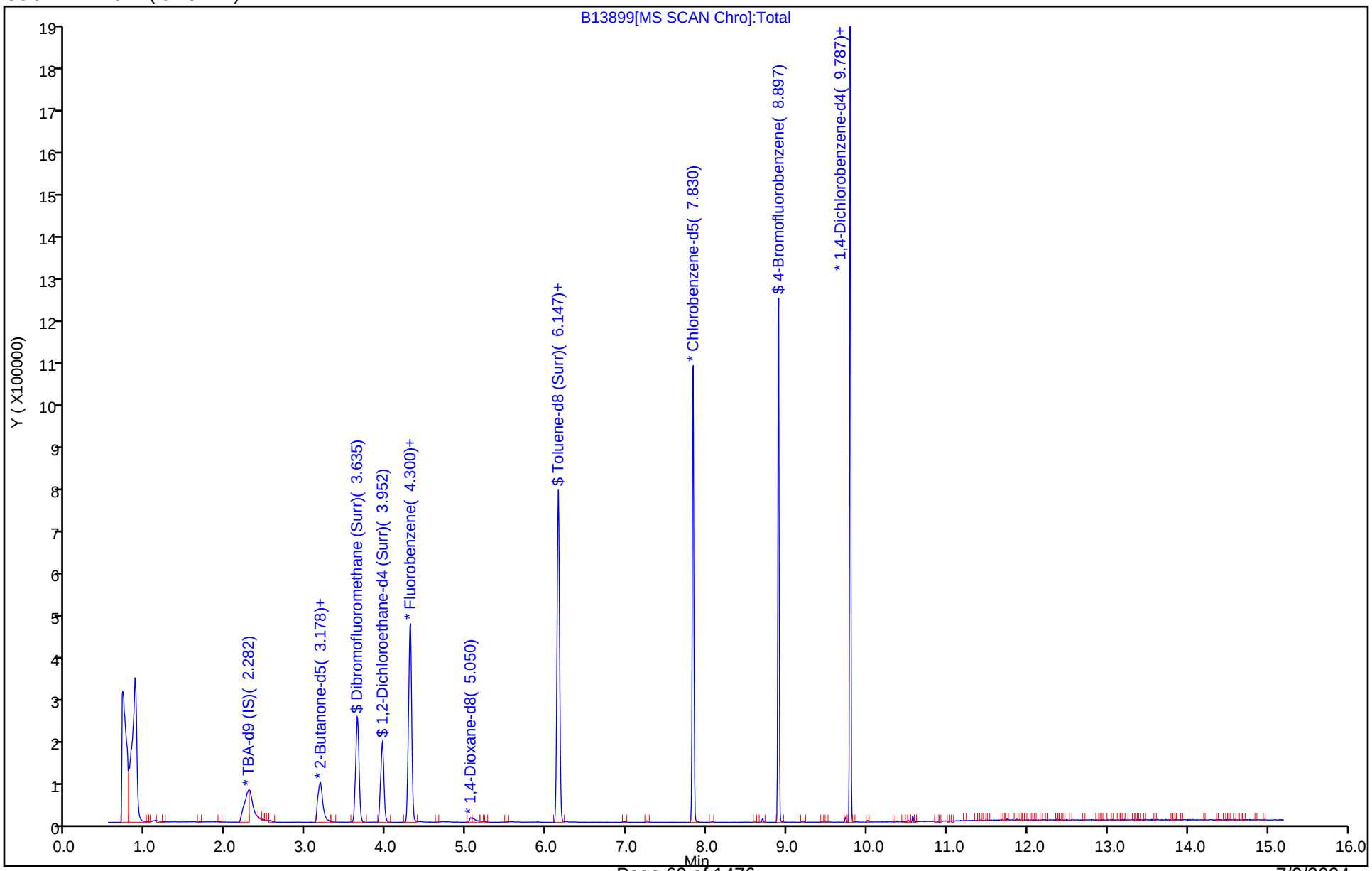
Report Date: 09-Jul-2024 14:35:34 Chrom Revision: 2.3 26-Jun-2024 16:13:32

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20240507-175545.b\B13899.D

Injection Date:	07-May-2024 09:08:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	460-303245-B-2-A	Lab Sample ID:	460-303245-2	Worklist Smp#:	13
Client ID:	240503_PWD_SOIL5_6.0-6.5				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	13
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



7/9/2024
8:32:15 AM

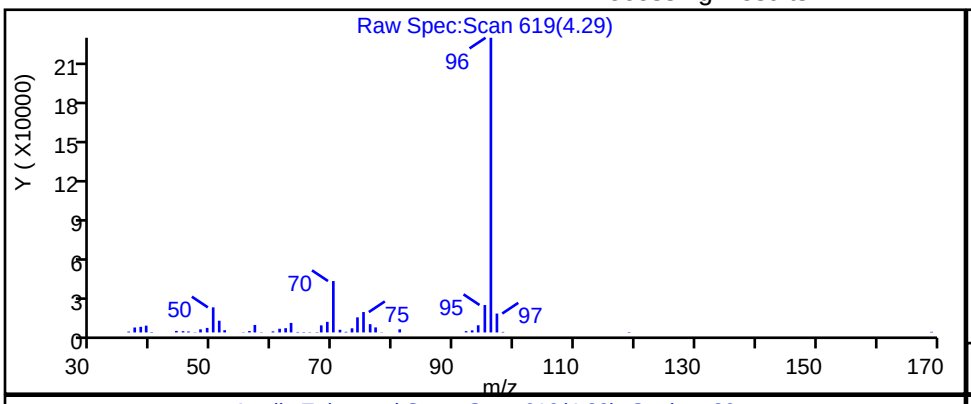
User Disabled Compound Report

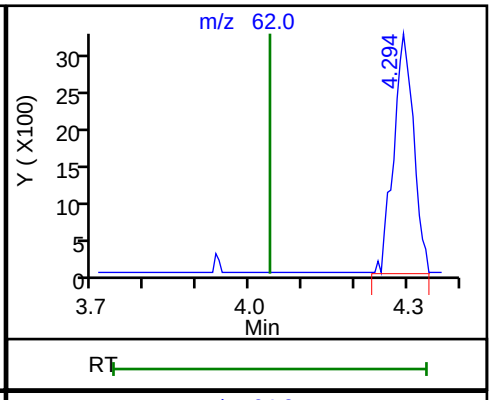
Eurofins Edison

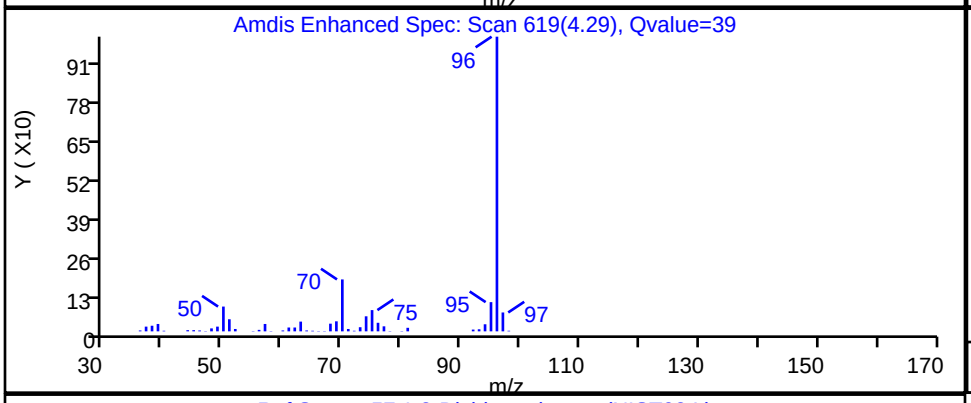
Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20240507-175545.b\B13899.D				
Injection Date:	07-May-2024 09:08:30	Instrument ID:	CVOAMS2		
Lims ID:	460-303245-B-2-A	Lab Sample ID:	460-303245-2		
Client ID:	240503_PWD_SOIL5_6.0-6.5				
Operator ID:		ALS Bottle#:	13	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

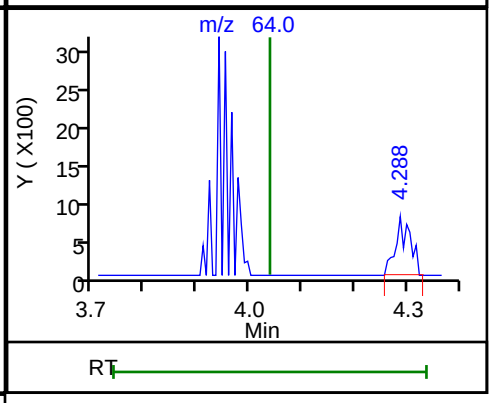
57 1,2-Dichloroethane, CAS: 107-06-2

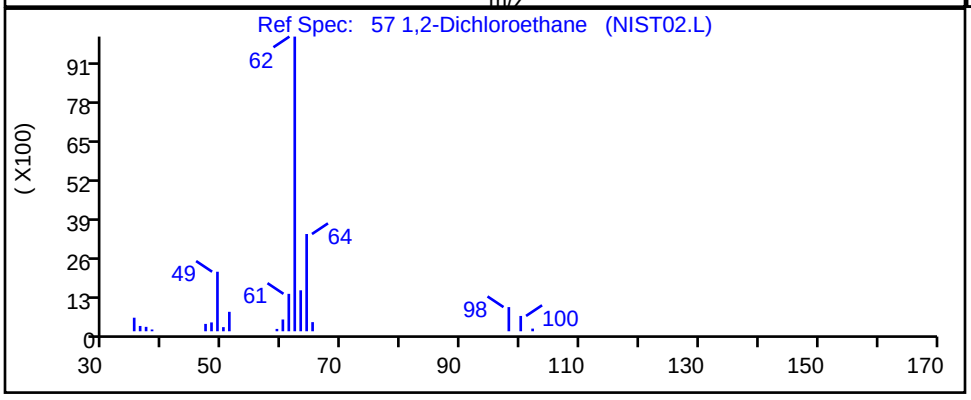
Processing Results











RT	Mass	Response	Amount
4.29	62.00	8650	1.957791
4.29	64.00	1496	

Reviewer: UHA6, 09-Jul-2024 14:35:31 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-303245-1

SDG No.:

Client Sample ID: 240503_PWD_SOIL6_6.0-6.5 | Lab Sample ID: 460-303245-3

Matrix: Solid | Lab File ID: B13900.D

Analysis Method: 8260D | Date Collected: 05/03/2024 11:40

Sample wt/vol: 6.16(g) | Date Analyzed: 05/07/2024 09:33

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 10.9 % Solids: 89.1 | Level: (low/med) Low

Analysis Batch No.: 973337 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	0.00024	U	0.00091	0.00024
100-41-4	Ethylbenzene	0.00018	U	0.00091	0.00018
108-88-3	Toluene	0.00021	U	0.00091	0.00021
1330-20-7	Xylenes, Total	0.00016	U	0.0018	0.00016
1634-04-4	MTBE	0.00047	U	0.00091	0.00047
106-93-4	1,2-Dibromoethane	0.00016	U	0.00091	0.00016
91-20-3	Naphthalene	0.00037	U	0.0014	0.00037
95-63-6	1,2,4-Trimethylbenzene	0.00022	U	0.00091	0.00022
108-67-8	1,3,5-Trimethylbenzene	0.00029	U	0.00091	0.00029
98-82-8	Isopropylbenzene	0.00026	U	0.00091	0.00026
107-06-2	1,2-Dichloroethane	0.00027	U	0.00091	0.00027

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		72-138
460-00-4	4-Bromofluorobenzene	98		63-139
1868-53-7	Dibromofluoromethane (Surr)	102		54-150
2037-26-5	Toluene-d8 (Surr)	90		71-126

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20240507-175545.b\B13900.D
Lims ID: 460-303245-B-3-A
Client ID: 240503_PWD_SOIL6_6.0-6.5
Sample Type: Client
Inject. Date: 07-May-2024 09:33:30 ALS Bottle#: 14 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-303245-B-3-A
Misc. Info.: 460-0175545-014
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20240507-175545.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 09-Jul-2024 14:35:34 Calib Date: 15-Apr-2024 13:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20240415-174688.b\B13395.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1606

First Level Reviewer: C1JX Date: 07-May-2024 16:35:03

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	2.288	2.288	0.000	0	396646	1000.0	
* 40 2-Butanone-d5	46	3.178	3.184	-0.006	0	234775	250.0	
$ 50 Dibromofluoromethane (Surr)	113	3.641	3.648	-0.007	98	215864	50.9	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	3.952	3.959	-0.007	0	211364	53.0	
* 60 Fluorobenzene	96	4.300	4.306	-0.006	99	619267	50.0	
* 69 1,4-Dioxane-d8	96	5.056	5.056	0.000	0	26467	1000.0	
$ 79 Toluene-d8 (Surr)	98	6.147	6.153	-0.006	99	664234	44.9	
* 91 Chlorobenzene-d5	117	7.830	7.830	0.000	83	525185	50.0	
$ 103 4-Bromofluorobenzene	174	8.896	8.897	-0.001	96	282910	49.0	
* 117 1,4-Dichlorobenzene-d4	152	9.787	9.793	-0.006	94	354723	50.0	

Reagents:

8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00246 Amount Added: 1.00 Units: uL Run Reagent

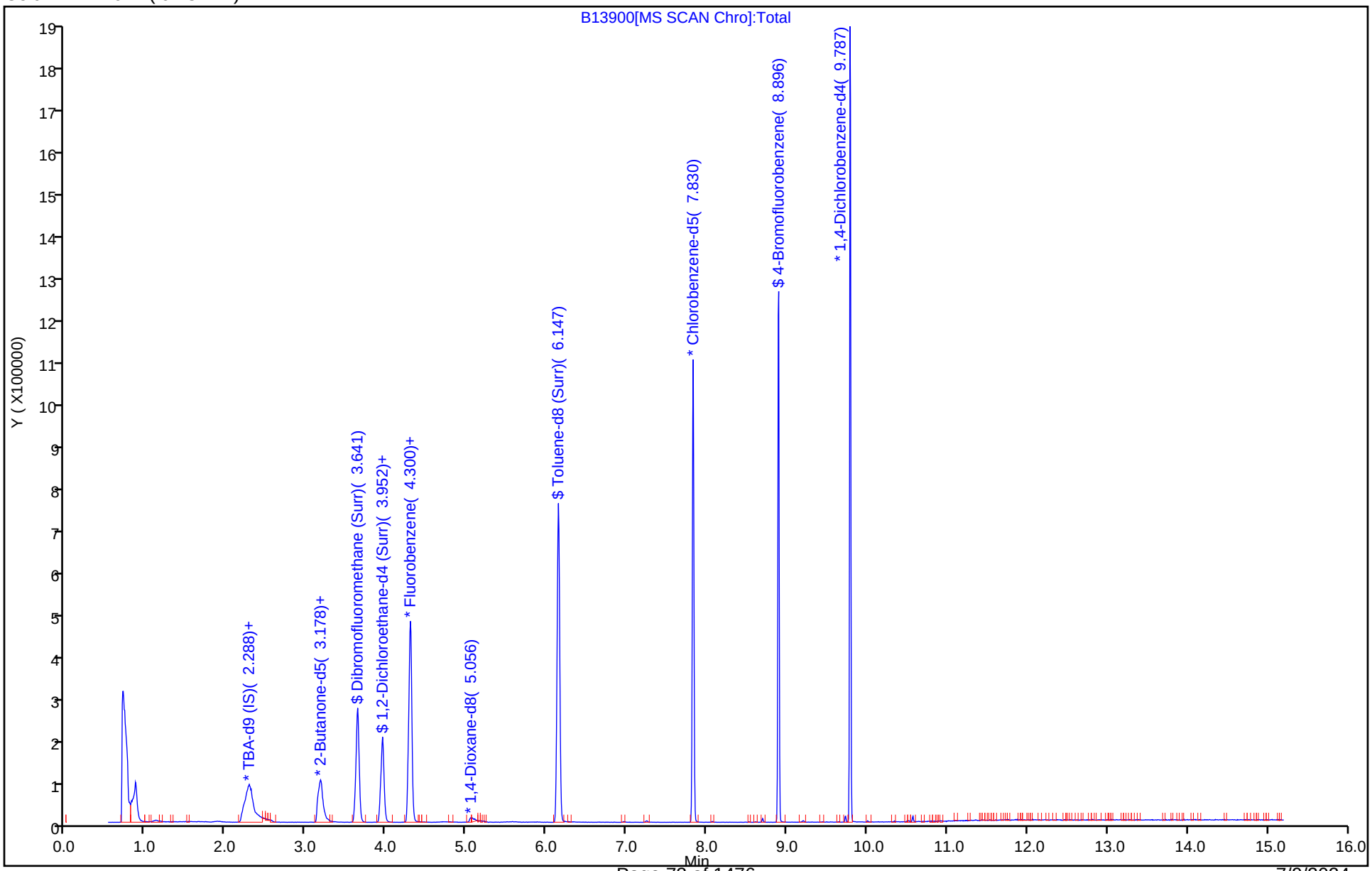
Report Date: 09-Jul-2024 14:35:43 Chrom Revision: 2.3 26-Jun-2024 16:13:32

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20240507-175545.b\B13900.D

Injection Date:	07-May-2024 09:33:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	460-303245-B-3-A	Lab Sample ID:	460-303245-3	Worklist Smp#:	14
Client ID:	240503_PWD_SOIL6_6.0-6.5				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	14
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



7/9/2024
8:32:15 AM

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-303245-1

SDG No.:

Client Sample ID: 240503_PWD_SOIL7_6.0-6.5 | Lab Sample ID: 460-303245-4

Matrix: Solid | Lab File ID: B13901.D

Analysis Method: 8260D | Date Collected: 05/03/2024 13:00

Sample wt/vol: 6.04(g) | Date Analyzed: 05/07/2024 09:58

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 13.7 % Solids: 86.3 | Level: (low/med) Low

Analysis Batch No.: 973337 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	0.00025	U	0.00096	0.00025
100-41-4	Ethylbenzene	0.00019	U	0.00096	0.00019
108-88-3	Toluene	0.00022	U	0.00096	0.00022
1330-20-7	Xylenes, Total	0.00017	U	0.0019	0.00017
1634-04-4	MTBE	0.00049	U	0.00096	0.00049
106-93-4	1,2-Dibromoethane	0.00017	U	0.00096	0.00017
91-20-3	Naphthalene	0.00039	U	0.0014	0.00039
95-63-6	1,2,4-Trimethylbenzene	0.00024	U	0.00096	0.00024
108-67-8	1,3,5-Trimethylbenzene	0.00030	U	0.00096	0.00030
98-82-8	Isopropylbenzene	0.00027	U	0.00096	0.00027
107-06-2	1,2-Dichloroethane	0.00028	U	0.00096	0.00028

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		72-138
460-00-4	4-Bromofluorobenzene	98		63-139
1868-53-7	Dibromofluoromethane (Surr)	101		54-150
2037-26-5	Toluene-d8 (Surr)	90		71-126

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20240507-175545.b\B13901.D
Lims ID: 460-303245-B-4-A
Client ID: 240503_PWD_SOIL7_6.0-6.5
Sample Type: Client
Inject. Date: 07-May-2024 09:58:30 ALS Bottle#: 15 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-303245-B-4-A
Misc. Info.: 460-0175545-015
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20240507-175545.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 09-Jul-2024 14:35:52 Calib Date: 15-Apr-2024 13:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20240415-174688.b\B13395.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1606

First Level Reviewer: C1JX Date: 07-May-2024 16:35:10

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	2.282	2.288	-0.006	0	424734	1000.0	
* 40 2-Butanone-d5	46	3.178	3.184	-0.006	0	242675	250.0	
$ 50 Dibromofluoromethane (Surr)	113	3.636	3.648	-0.012	98	206363	50.7	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	3.953	3.959	-0.006	0	205196	53.6	
* 60 Fluorobenzene	96	4.300	4.306	-0.006	99	594384	50.0	
* 69 1,4-Dioxane-d8	96	5.068	5.056	0.012	0	28053	1000.0	
$ 79 Toluene-d8 (Surr)	98	6.147	6.153	-0.006	99	643158	45.1	
* 91 Chlorobenzene-d5	117	7.830	7.830	0.000	83	506317	50.0	
$ 103 4-Bromofluorobenzene	174	8.897	8.897	0.000	96	270444	49.1	
* 117 1,4-Dichlorobenzene-d4	152	9.787	9.793	-0.006	93	337985	50.0	

Reagents:

8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00246 Amount Added: 1.00 Units: uL Run Reagent

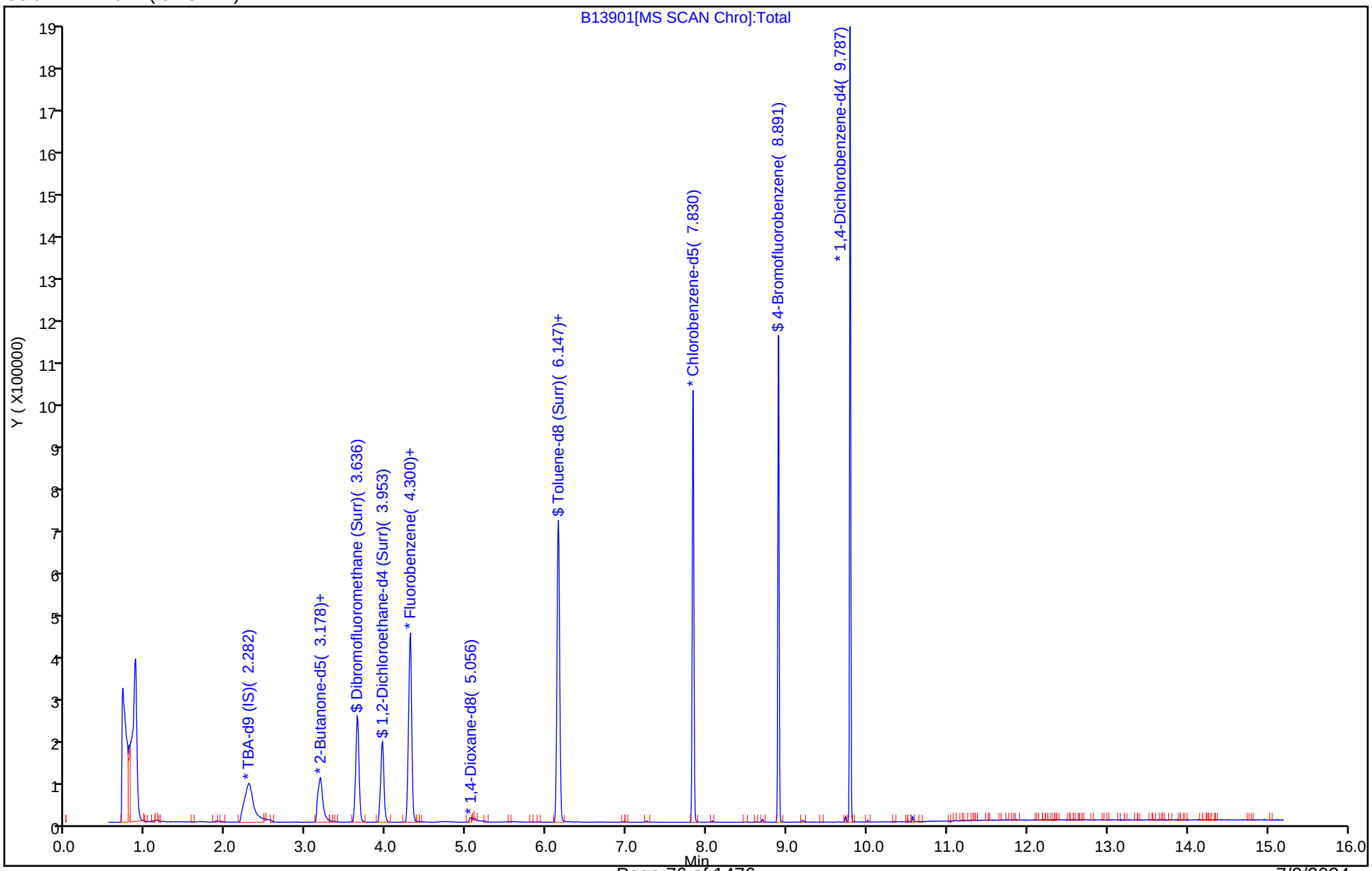
Report Date: 09-Jul-2024 14:35:52 Chrom Revision: 2.3 26-Jun-2024 16:13:32

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20240507-175545.b\B13901.D

Injection Date:	07-May-2024 09:58:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	460-303245-B-4-A	Lab Sample ID:	460-303245-4	Worklist Smp#:	15
Client ID:	240503_PWD_SOIL7_6.0-6.5				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	15
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



7/9/2024
8:32:15 AM

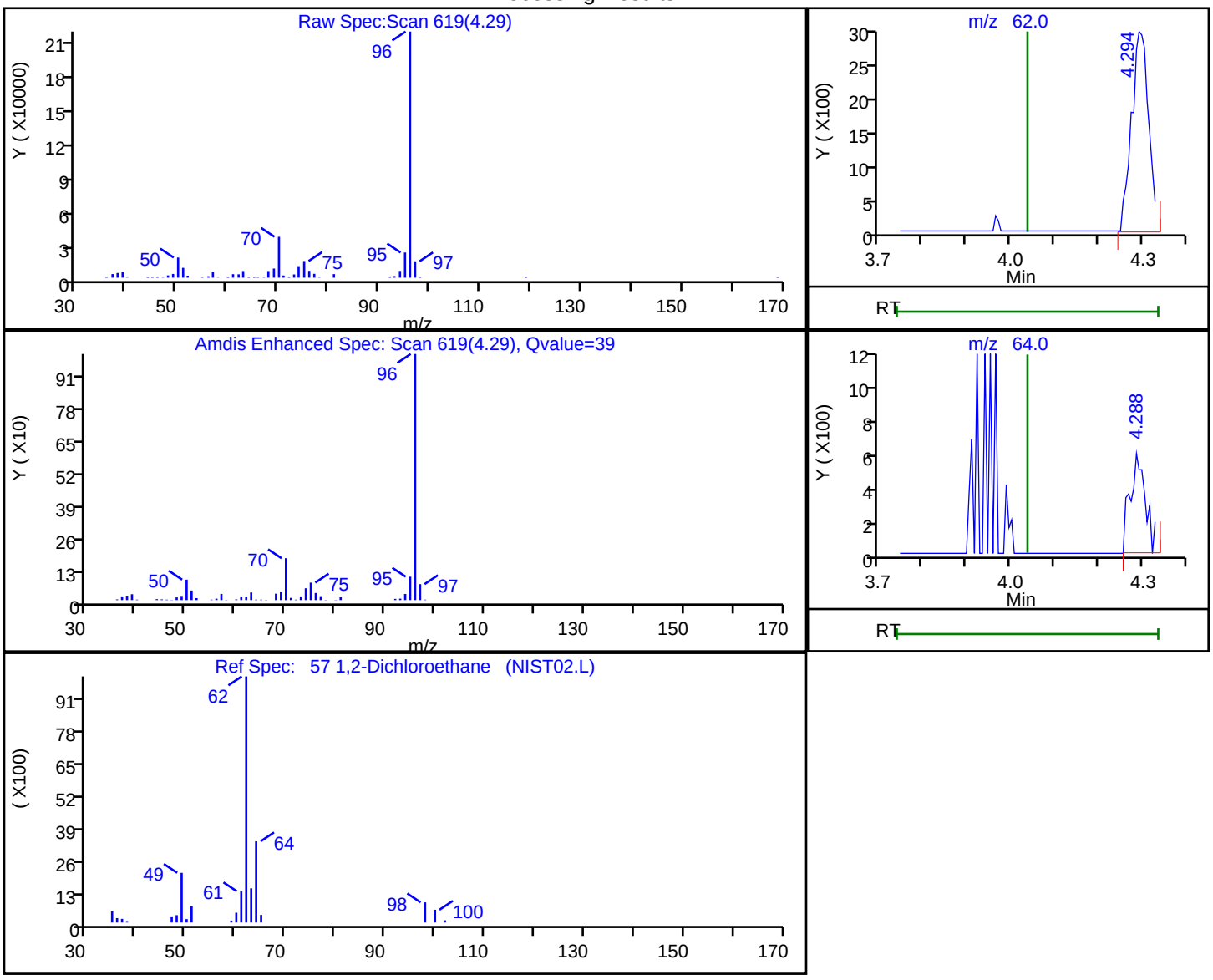
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20240507-175545.b\B13901.D				
Injection Date:	07-May-2024 09:58:30	Instrument ID:	CVOAMS2		
Lims ID:	460-303245-B-4-A	Lab Sample ID:	460-303245-4		
Client ID:	240503_PWD_SOIL7_6.0-6.5				
Operator ID:		ALS Bottle#:	15	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

57 1,2-Dichloroethane, CAS: 107-06-2

Processing Results



RT	Mass	Response	Amount
4.29	62.00	7940	1.900726
4.29	64.00	1455	

Reviewer: UHA6, 09-Jul-2024 14:35:48 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-303245-1

SDG No.:

Client Sample ID: DUP-2_050324 | Lab Sample ID: 460-303245-5

Matrix: Solid | Lab File ID: B13902.D

Analysis Method: 8260D | Date Collected: 05/03/2024 00:00

Sample wt/vol: 6.58(g) | Date Analyzed: 05/07/2024 10:23

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 10.9 % Solids: 89.1 | Level: (low/med) Low

Analysis Batch No.: 973337 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	0.00022	U	0.00085	0.00022
100-41-4	Ethylbenzene	0.00017	U	0.00085	0.00017
108-88-3	Toluene	0.00020	U	0.00085	0.00020
1330-20-7	Xylenes, Total	0.00015	U	0.0017	0.00015
1634-04-4	MTBE	0.00044	U	0.00085	0.00044
106-93-4	1,2-Dibromoethane	0.00015	U	0.00085	0.00015
91-20-3	Naphthalene	0.00035	U	0.0013	0.00035
95-63-6	1,2,4-Trimethylbenzene	0.00021	U	0.00085	0.00021
108-67-8	1,3,5-Trimethylbenzene	0.00027	U	0.00085	0.00027
98-82-8	Isopropylbenzene	0.00024	U	0.00085	0.00024
107-06-2	1,2-Dichloroethane	0.00025	U	0.00085	0.00025

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		72-138
460-00-4	4-Bromofluorobenzene	97		63-139
1868-53-7	Dibromofluoromethane (Surr)	100		54-150
2037-26-5	Toluene-d8 (Surr)	92		71-126

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20240507-175545.b\B13902.D
Lims ID: 460-303245-B-5-A
Client ID: DUP-2_050324
Sample Type: Client
Inject. Date: 07-May-2024 10:23:30 ALS Bottle#: 16 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-303245-B-5-A
Misc. Info.: 460-0175545-016
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20240507-175545.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 09-Jul-2024 14:36:07 Calib Date: 15-Apr-2024 13:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20240415-174688.b\B13395.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1606

First Level Reviewer: C1JX Date: 07-May-2024 16:35:17

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	2.282	2.288	-0.006	0	454104	1000.0	
* 40 2-Butanone-d5	46	3.172	3.184	-0.012	0	221451	250.0	
$ 50 Dibromofluoromethane (Surr)	113	3.636	3.648	-0.012	99	203346	49.8	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	3.953	3.959	-0.006	0	202308	52.7	
* 60 Fluorobenzene	96	4.300	4.306	-0.006	99	596412	50.0	
* 69 1,4-Dioxane-d8	96	5.056	5.056	0.000	0	26267	1000.0	
$ 79 Toluene-d8 (Surr)	98	6.147	6.153	-0.006	99	654476	46.0	
* 91 Chlorobenzene-d5	117	7.830	7.830	0.000	83	504597	50.0	
$ 103 4-Bromofluorobenzene	174	8.897	8.897	0.000	96	274173	48.4	
* 117 1,4-Dichlorobenzene-d4	152	9.787	9.793	-0.006	93	348059	50.0	

Reagents:

8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00246 Amount Added: 1.00 Units: uL Run Reagent

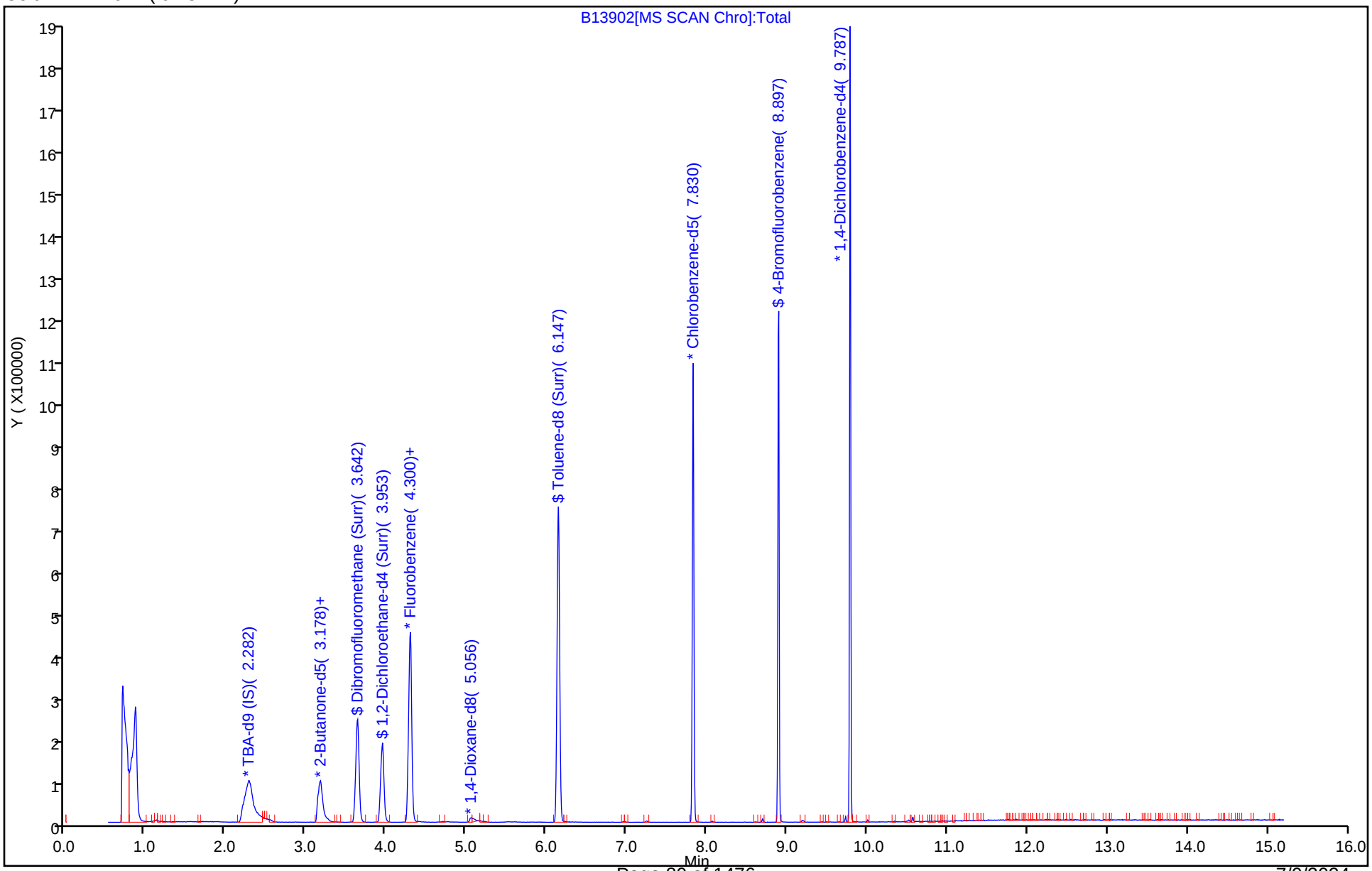
Report Date: 09-Jul-2024 14:36:07 Chrom Revision: 2.3 26-Jun-2024 16:13:32

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20240507-175545.b\B13902.D

Injection Date:	07-May-2024 10:23:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	460-303245-B-5-A	Lab Sample ID:	460-303245-5	Worklist Smp#:	16
Client ID:	DUP-2_050324				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	16
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



7/9/2024
8:32:15 AM

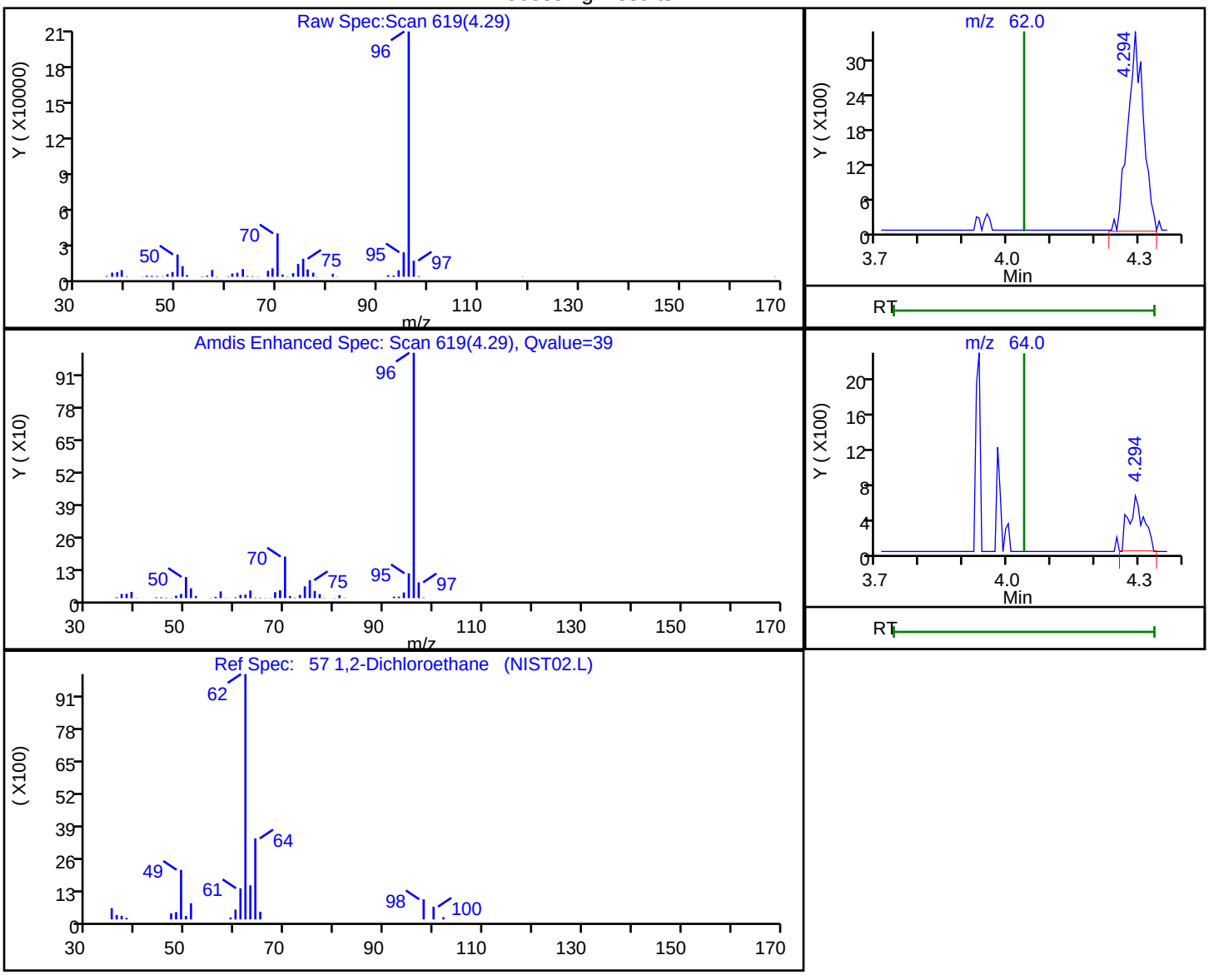
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20240507-175545.b\B13902.D				
Injection Date:	07-May-2024 10:23:30	Instrument ID:	CVOAMS2		
Lims ID:	460-303245-B-5-A	Lab Sample ID:	460-303245-5		
Client ID:	DUP-2_050324				
Operator ID:		ALS Bottle#:	16	Worklist Smp#:	16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

57 1,2-Dichloroethane, CAS: 107-06-2

Processing Results



RT	Mass	Response	Amount
4.29	62.00	8478	2.022615
4.29	64.00	1482	

Reviewer: UHA6, 09-Jul-2024 14:35:57 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-303245-1

SDG No.:

Client Sample ID: FB-1_050324 | Lab Sample ID: 460-303245-6

Matrix: Water | Lab File ID: P27279.D

Analysis Method: 8260D | Date Collected: 05/03/2024 13:05

Sample wt/vol: 5(mL) | Date Analyzed: 05/07/2024 12:51

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 973363 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
71-43-2	Benzene	0.20	U	1.0	0.20
108-88-3	Toluene	0.38	U	1.0	0.38
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65
1634-04-4	MTBE	0.22	U	1.0	0.22
106-93-4	1,2-Dibromoethane	0.50	U	1.0	0.50
91-20-3	Naphthalene	0.88	U	1.0	0.88
95-63-6	1,2,4-Trimethylbenzene	0.37	U	1.0	0.37
108-67-8	1,3,5-Trimethylbenzene	0.33	U	1.0	0.33
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	91		70-128
2037-26-5	Toluene-d8 (Surr)	92		80-120
460-00-4	4-Bromofluorobenzene	101		76-120
1868-53-7	Dibromofluoromethane (Surr)	92		77-132

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20240507-175557.b\P27279.D
Lims ID: 460-303245-C-6
Client ID: FB-1_050324
Sample Type: Client
Inject. Date: 07-May-2024 12:51:30 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-303245-C-6
Misc. Info.: 460-0175557-013
Operator ID: Instrument ID: CVOAMS13

Method: \\chromfs\Edison\ChromData\CVOAMS13\20240507-175557.b\8260W_13.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 07-May-2024 11:06:50 Calib Date: 03-May-2024 14:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20240503-175422.b\P27135.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1688

First Level Reviewer: RD6L Date: 07-May-2024 13:11:03

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 33 TBA-d9 (IS)	65	2.349	2.349	0.000	100	214068	1000.0	
$ 51 Dibromofluoromethane (Surr)	113	3.388	3.388	0.000	96	90609	46.1	
* 53 2-Butanone-d5	46	3.438	3.438	0.000	99	278616	250.0	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.810	3.810	0.000	0	107642	45.3	
* 66 Fluorobenzene	96	4.061	4.061	0.000	98	549666	50.0	
* 76 1,4-Dioxane-d8	96	4.956	4.956	0.000	63	30636	1000.0	
$ 82 Toluene-d8 (Surr)	98	5.644	5.644	0.000	99	412022	46.0	
* 96 Chlorobenzene-d5	117	7.556	7.557	-0.001	88	429622	50.0	
$ 107 4-Bromofluorobenzene	174	9.347	9.347	0.000	88	180513	50.3	
* 123 1,4-Dichlorobenzene-d4	152	11.124	11.131	-0.007	97	250859	50.0	

Reagents:

8260ISNEW_00155 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00246 Amount Added: 1.00 Units: uL Run Reagent

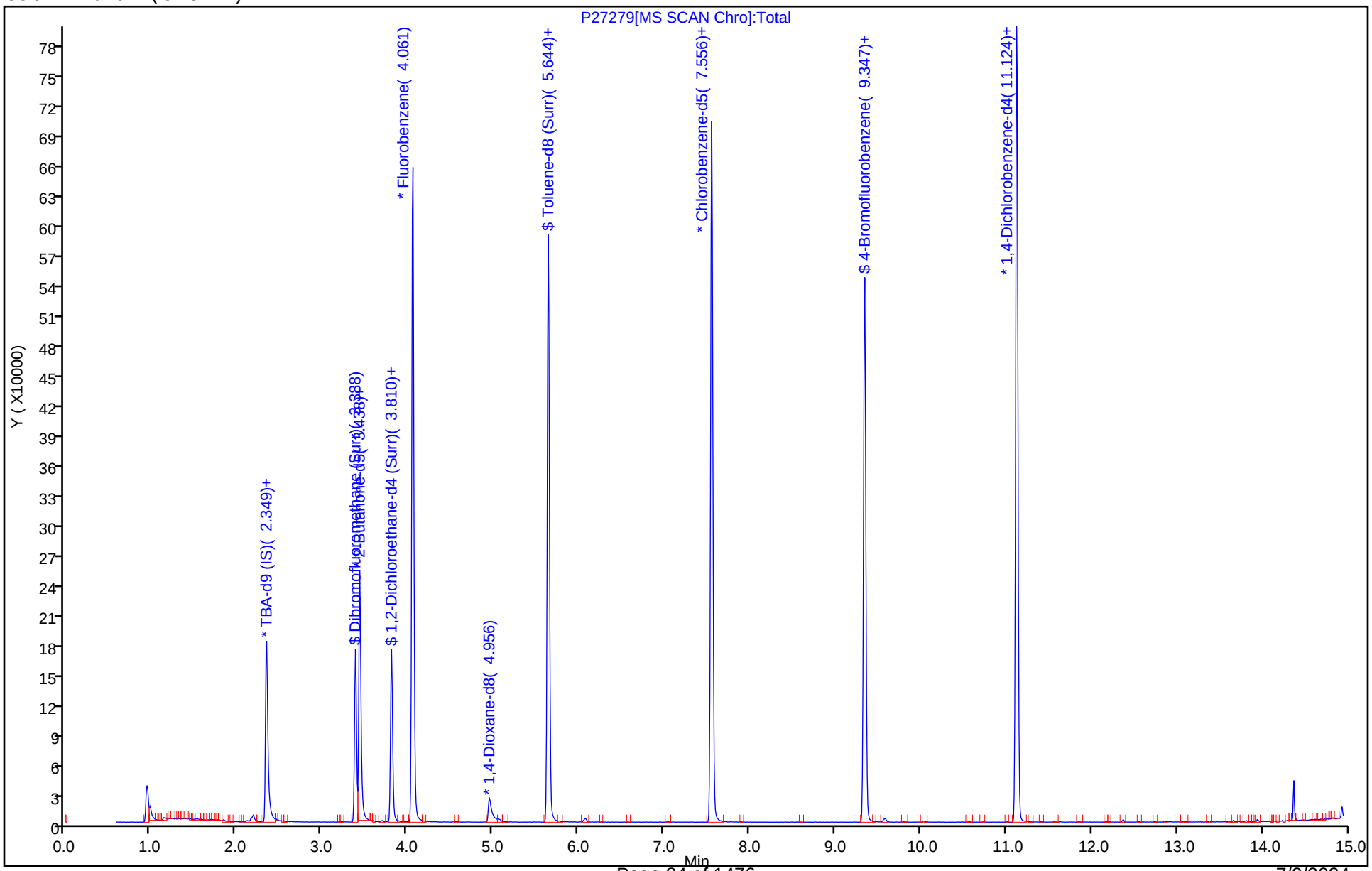
Report Date: 07-May-2024 13:11:03 Chrom Revision: 2.3 26-Apr-2024 12:18:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20240507-175557.b\P27279.D

Injection Date:	07-May-2024 12:51:30	Instrument ID:	CVOAMS13	Operator ID:	
Lims ID:	460-303245-C-6	Lab Sample ID:	460-303245-6	Worklist Smp#:	13
Client ID:	FB-1_050324				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	8260W_13	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



7/9/2024
8:32:15 AM

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-303245-1 Analy Batch No.: 972799

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/03/2024 06:36 Calibration End Date: 05/03/2024 14:48 Calibration ID: 97038

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-972799/3	P27115.D
Level 2	STD1 460-972799/4	P27116.D
Level 3	STD5 460-972799/5	P27117.D
Level 4	STD20 460-972799/6	P27118.D
Level 5	STD50 460-972799/7	P27119.D
Level 6	STD200 460-972799/22	P27134.D
Level 7	STD500 460-972799/23	P27135.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Chlorotrifluoroethene	+++++ 0.0914	0.0645 0.0933	0.0834	0.0699	0.0743	Ave		0.0795				14.8		20.0			
Dichlorodifluoromethane	+++++ 0.3618	0.2037 0.3603	0.2835	0.2295	0.2476	QuaF		0.3439	0.0000341		0.1000				0.9990		0.9900
Chlorodifluoromethane	+++++ 0.4743	0.5068 0.4831	0.5392	0.4810	0.4864	Ave		0.4951				4.9		20.0			
Vinyl chloride	+++++ 0.3085	0.2786 0.3114	0.3103	0.2792	0.2777	Ave		0.2943			0.1000	5.9		20.0			
Chloromethane	+++++ 0.4140	0.3954 0.4217	0.4139	0.3774	0.3735	Ave		0.3993			0.1000	5.1		20.0			
Butadiene	0.3105 0.2825	0.2223 0.2871	0.2627	0.2301	0.2372	Ave		0.2618				12.7		20.0			
Bromomethane	+++++ 8.5326	10.023 7.0673	9.4534	8.7859	7.9538	Ave		8.6360			0.1000	12.2		20.0			
Chloroethane	+++++ 0.1784	0.1483 0.1145	0.1947	0.1908	0.1509	Ave		0.1629			0.1000	18.9		20.0			
Pentane	+++++ 2.1178	1.7982 1.7132	2.1007	1.8678	1.9702	Ave		1.9280				8.5		20.0			
Trichlorofluoromethane	+++++ 0.3721	0.2868 0.3412	0.3516	0.3125	0.3196	Ave		0.3306			0.1000	9.2		20.0			
Dichlorofluoromethane	+++++ 0.4661	0.4956 0.4536	0.5053	0.4798	0.4712	Ave		0.4786				4.0		20.0			
2-Methyl-1,3-butadiene	+++++ 0.3527	0.3299 0.3685	0.3590	0.3345	0.3378	Ave		0.3471				4.4		20.0			
Ethyl ether	+++++ 0.2032	0.2320 0.2094	0.2224	0.2080	0.2060	Ave		0.2135				5.3		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-303245-1 Analy Batch No.: 972799

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/03/2024 06:36 Calibration End Date: 05/03/2024 14:48 Calibration ID: 97038

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Ethanol	+++++ 0.0480	0.0550 0.0514	0.0625	0.0611	0.0598	Ave		0.0563				10.3		20.0			
1,2-Dichloro-1,1,2-trifluoroethane	+++++ 0.0907	0.1015 +++++	0.1003	0.0885	0.0911	Ave		0.0944				6.4		20.0			
1,1-Dichloroethene	+++++ 0.2147	0.1904 0.2244	0.2103	0.2008	0.2002	Ave		0.2068			0.1000	5.9		20.0			
Carbon disulfide	+++++ 0.7836	0.6794 0.8153	0.7178	0.7207	0.7233	Ave		0.7400			0.1000	6.7		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	+++++ 0.2267	0.1587 0.2284	0.2039	0.1783	0.1961	Ave		0.1987			0.1000	13.7		20.0			
1,1,1-Trifluoro-2,2-dichloroethane	+++++ 0.3309	0.2951 0.3491	0.3584	0.3253	0.3126	Ave		0.3286				7.1		20.0			
Iodomethane	+++++ 0.3712	0.3873 0.3520	0.3959	0.3731	0.3658	Ave		0.3742				4.2		20.0			
Cyclopentene	+++++ 0.5063	0.4936 0.5474	0.5120	0.4725	0.4876	Ave		0.5032				5.1		20.0			
Acrolein	+++++ 1.9541	1.6785 1.9730	1.7532	1.7701	1.8922	Ave		1.8368				6.5		20.0			
3-Chloro-1-propene	+++++ 0.1394	0.1380 0.1440	0.1383	0.1417	0.1428	Ave		0.1407				1.8		20.0			
Isopropyl alcohol	+++++ 0.4898	0.6418 0.5479	0.5686	0.5471	0.5605	Ave		0.5593				8.8		20.0			
Methylene Chloride	+++++ 0.2511	0.3433 0.2600	0.2826	0.2601	0.2592	Ave		0.2760			0.1000	12.5		20.0			
Acetone	+++++ 0.5384	0.6305 0.5354	0.5435	0.5170	0.5132	Ave		0.5463			0.0500	7.9		20.0			
trans-1,2-Dichloroethene	+++++ 0.2383	0.2347 0.2515	0.2511	0.2352	0.2378	Ave		0.2414			0.1000	3.2		20.0			
Methyl acetate	+++++ 1.6185	1.6366 1.5601	1.6356	1.6234	1.5929	Ave		1.6112			0.1000	1.8		20.0			
Hexane	+++++ 0.0634	0.0392 0.0659	0.0562	0.0490	0.0515	Ave		0.0542				18.2		20.0			
MTBE	+++++ 0.7438	0.7246 0.7617	0.7426	0.7270	0.7223	Ave		0.7370			0.1000	2.1		20.0			
2-Methyl-2-propanol	+++++ 0.8543	1.0893 0.9135	1.0185	1.0041	0.9792	Ave		0.9765				8.5		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-303245-1 Analy Batch No.: 972799

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/03/2024 06:36 Calibration End Date: 05/03/2024 14:48 Calibration ID: 97038

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Acetonitrile	+++++ 1.2698	1.3180 1.1776	1.4504	1.4160	1.4217	Ave		1.3422				7.9		20.0			
Isopropyl ether	+++++ 0.7872	0.8382 0.8056	0.8501	0.8421	0.8364	Ave		0.8266				3.0		20.0			
2-Chloro-1,3-butadiene	+++++ 0.2217	0.2032 0.2288	0.2270	0.2113	0.2146	Ave		0.2178				4.5		20.0			
1,1-Dichloroethane	+++++ 0.4466	0.4561 0.4633	0.4627	0.4597	0.4570	Ave		0.4576			0.2000	1.3		20.0			
Acrylonitrile	0.1161 0.0906	0.0856 0.0977	0.0841	0.0869	0.0882	Ave		0.0927				12.1		20.0			
Tert-butyl ethyl ether	+++++ 0.8174	0.8087 0.8237	0.8228	0.8113	0.8135	Ave		0.8162				0.8		20.0			
Vinyl acetate	+++++ 0.6200	0.5611 0.6158	0.5681	0.5630	0.5740	Ave		0.5837				4.6		20.0			
cis-1,2-Dichloroethene	+++++ 0.2551	0.2517 0.2771	0.2689	0.2590	0.2605	Ave		0.2621			0.1000	3.6		20.0			
2,2-Dichloropropane	+++++ 0.0774	0.0675 0.0816	0.0757	0.0748	0.0732	Ave		0.0750				6.2		20.0			
Chlorobromomethane	+++++ 0.1279	0.1280 0.1293	0.1278	0.1259	0.1265	Ave		0.1276				0.9		20.0			
Cyclohexane	+++++ 0.4346	0.3453 0.4502	0.4096	0.3720	0.3905	Ave		0.4004			0.1000	9.8		20.0			
Chloroform	+++++ 0.4091	0.4332 0.4339	0.4272	0.4202	0.4205	Ave		0.4240			0.2000	2.2		20.0			
Ethyl acetate	+++++ 0.2674	0.2487 0.2779	0.2729	0.2623	0.2633	Ave		0.2654				3.8		20.0			
Methyl acrylate	+++++ 0.2270	0.2273 0.2340	0.2334	0.2299	0.2319	Ave		0.2306				1.3		20.0			
Carbon tetrachloride	+++++ 0.3085	0.2598 0.3251	0.2791	0.2732	0.2819	Ave		0.2879			0.1000	8.4		20.0			
Tetrahydrofuran	+++++ 0.8500	0.7781 0.8905	0.7871	0.8477	0.8516	Ave		0.8342				5.2		20.0			
1,1,1-Trichloroethane	+++++ 0.3618	0.3417 0.3759	0.3690	0.3529	0.3523	Ave		0.3590			0.1000	3.5		20.0			
2-Butanone (MEK)	+++++ 0.2867	0.2738 0.2991	0.3006	0.2863	0.2788	Ave		0.2875			0.0500	3.7		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-303245-1 Analy Batch No.: 972799

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/03/2024 06:36 Calibration End Date: 05/03/2024 14:48 Calibration ID: 97038

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,1-Dichloropropene	+++++ 0.1226	0.1274 0.1274	0.1251	0.1185	0.1168	Ave		0.1230				3.7		20.0			
Isooctane	+++++ 0.6114	0.4404 0.6246	0.5729	0.5000	0.5347	Ave		0.5473				12.8		20.0			
n-Heptane	+++++ 0.1564	0.1178 0.1602	0.1462	0.1224	0.1308	Ave		0.1390				12.9		20.0			
Benzene	+++++ 1.2374	1.4246 1.2644	1.3880	1.3370	1.3241	Ave		1.3292			0.5000	5.3		20.0			
Propionitrile	+++++ 1.5235	1.3061 1.5643	1.5007	1.5324	1.5549	Ave		1.4970				6.4		20.0			
Methacrylonitrile	+++++ 0.1059	0.1011 0.1048	0.1054	0.1062	0.1065	Ave		0.1050				1.9		20.0			
Tert-amyl methyl ether	+++++ 0.7532	0.7281 0.7698	0.7559	0.7549	0.7517	Ave		0.7523				1.8		20.0			
1,2-Dichloroethane	+++++ 0.3404	0.3439 0.3472	0.3480	0.3434	0.3432	Ave		0.3443			0.1000	0.8		20.0			
Isobutyl alcohol	+++++ 0.4138	0.2978 0.4362	0.4112	0.4265	0.4509	Ave		0.4061				13.6		20.0			
Isopropyl acetate	+++++ 0.4658	0.4535 0.4743	0.4698	0.4730	0.4800	Ave		0.4694				1.9		20.0			
Methylcyclohexane	+++++ 0.4133	0.3110 0.4217	0.3764	0.3376	0.3619	Ave		0.3703			0.1000	11.6		20.0			
Trichloroethene	+++++ 0.2543	0.2417 0.2561	0.2692	0.2581	0.2586	Ave		0.2563			0.2000	3.4		20.0			
n-Butanol	+++++ 0.2623	+++++ 0.2868	0.2335	0.2767	0.2937	Ave		0.2706				8.8		20.0			
Dibromomethane	+++++ 0.1587	0.1500 0.1646	0.1643	0.1596	0.1569	Ave		0.1590				3.4		20.0			
1,2-Dichloropropane	+++++ 0.2629	0.2603 0.2720	0.2771	0.2685	0.2713	Ave		0.2687			0.1000	2.3		20.0			
Ethyl acrylate	+++++ 0.3339	0.3287 0.3467	0.3243	0.3242	0.3311	Ave		0.3315				2.5		20.0			
Dichlorobromomethane	+++++ 0.3252	0.3007 0.3404	0.3089	0.3133	0.3226	Ave		0.3185			0.2000	4.4		20.0			
Methyl methacrylate	+++++ 0.0714	0.0648 0.0737	0.0691	0.0674	0.0686	Ave		0.0692				4.5		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-303245-1 Analy Batch No.: 972799

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/03/2024 06:36 Calibration End Date: 05/03/2024 14:48 Calibration ID: 97038

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,4-Dioxane	+++++ 0.7845	0.9881 0.9032	1.1403	1.0135	1.0107	Ave		0.9734				12.3		20.0			
n-Propyl acetate	+++++ 0.3496	0.3307 0.3622	0.3428	0.3496	0.3564	Ave		0.3485				3.2		20.0			
2-Chloroethyl vinyl ether	+++++ 0.1812	0.1618 0.1849	0.1684	0.1738	0.1808	Ave		0.1751				5.0		20.0			
cis-1,3-Dichloropropene	+++++ 0.5591	0.5606 0.5897	0.5684	0.5846	0.5776	Ave		0.5734			0.2000	2.2		20.0			
Toluene	+++++ 1.3401	1.5257 1.3749	1.4811	1.4240	1.4056	Ave		1.4253			0.4000	4.8		20.0			
Epichlorohydrin	0.3515 0.2395	0.2424 0.2454	0.2416	0.2402	0.2403	Ave		0.2573				16.2		20.0			
2-Nitropropane	+++++ 0.0731	0.0561 0.0764	0.0615	0.0685	0.0673	Ave		0.0672				11.0		20.0			
Tetrachloroethene	+++++ 0.3273	0.3135 0.3342	0.3371	0.3262	0.3255	Ave		0.3273			0.2000	2.5		20.0			
4-Methyl-2-pentanone (MIBK)	+++++ 2.1432	2.0389 2.1687	2.1857	2.1848	2.1832	Ave		2.1508			0.0500	2.7		20.0			
trans-1,3-Dichloropropene	+++++ 0.5210	0.5021 0.5515	0.5111	0.5261	0.5323	Ave		0.5240			0.1000	3.3		20.0			
1,1,2-Trichloroethane	+++++ 0.2419	0.2434 0.2542	0.2545	0.2522	0.2530	Ave		0.2499			0.1000	2.3		20.0			
Ethyl methacrylate	+++++ 0.3535	0.3181 0.3686	0.3384	0.3490	0.3506	Ave		0.3464				4.9		20.0			
Chlorodibromomethane	+++++ 0.3327	0.2624 0.3512	0.2939	0.3072	0.3241	Ave		0.3119			0.1000	10.1		20.0			
1,3-Dichloropropane	+++++ 0.5123	0.5250 0.5378	0.5617	0.5408	0.5416	Ave		0.5365				3.1		20.0			
1,2-Dibromoethane	+++++ 0.3017	0.3006 0.3145	0.3080	0.3040	0.3069	Ave		0.3059			0.1000	1.7		20.0			
n-Butyl acetate	+++++ 0.4773	0.4124 0.5040	0.4732	0.4797	0.4857	Ave		0.4721				6.6		20.0			
2-Hexanone	+++++ 1.4926	1.4495 1.4917	1.5142	1.5123	1.5016	Ave		1.4937			0.0500	1.6		20.0			
Chlorobenzene	+++++ 0.8774	0.9363 0.8999	0.9370	0.9259	0.9195	Ave		0.9160			0.5000	2.5		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-303245-1 Analy Batch No.: 972799

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/03/2024 06:36 Calibration End Date: 05/03/2024 14:48 Calibration ID: 97038

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Ethylbenzene	+++++ 0.4769	0.4517 0.4916	0.5046	0.4888	0.4932	Ave		0.4845			0.1000	3.8		20.0			
1,1,1,2-Tetrachloroethane	+++++ 0.3096	0.2677 0.3194	0.2959	0.3050	0.3093	Ave		0.3012				6.0		20.0			
m-Xylene & p-Xylene	+++++ 0.5856	0.5800 0.6008	0.6065	0.5976	0.6038	Ave		0.5957			0.1000	1.8		20.0			
o-Xylene	+++++ 0.5648	0.5488 0.5786	0.5886	0.5828	0.5890	Ave		0.5754			0.3000	2.7		20.0			
Bromoform	+++++ 0.2288	0.1716 0.2387	0.1844	0.1959	0.2103	Ave		0.2050			0.1000	12.6		20.0			
Styrene	+++++ 0.9765	0.8924 0.9824	0.9873	1.0021	1.0070	Ave		0.9746			0.3000	4.3		20.0			
n-Butyl acrylate	+++++ 0.2502	0.2143 0.2571	0.2311	0.2449	0.2519	Ave		0.2416				6.6		20.0			
Isopropylbenzene	+++++ 1.3173	1.2629 1.3161	1.3868	1.3646	1.3618	Ave		1.3349			0.1000	3.4		20.0			
Amyl acetate (mixed isomers)	+++++ 1.0013	0.8858 1.0448	1.0012	1.0345	1.0458	Ave		1.0023				6.0		20.0			
Bromobenzene	+++++ 0.6694	0.7146 0.6965	0.6958	0.6848	0.6947	Ave		0.6926				2.2		20.0			
N-Propylbenzene	+++++ 2.9039	2.8390 2.9706	3.0645	3.0443	3.0190	Ave		2.9736				2.9		20.0			
1,1,2,2-Tetrachloroethane	+++++ 0.6588	0.6408 0.6895	0.6723	0.6610	0.6663	Ave		0.6648			0.3000	2.4		20.0			
2-Chlorotoluene	+++++ 2.0675	2.0486 2.1399	2.1717	2.1654	2.1591	Ave		2.1254				2.5		20.0			
4-Ethyltoluene	+++++ 2.4967	2.4918 2.5104	2.6373	2.6121	2.6197	Ave		2.5614				2.7		20.0			
1,2,3-Trichloropropane	+++++ 0.1986	0.2017 0.2080	0.2080	0.2066	0.2017	Ave		0.2041				1.9		20.0			
1,3,5-Trimethylbenzene	+++++ 2.0720	2.0386 2.1323	2.2264	2.1956	2.1838	Ave		2.1415				3.5		20.0			
trans-1,4-Dichloro-2-butene	+++++ 0.2321	0.1878 0.2479	0.2237	0.2264	0.2277	Ave		0.2243				8.8		20.0			
4-Chlorotoluene	+++++ 1.8916	1.9752 2.0148	2.0240	1.9635	1.9711	Ave		1.9733				2.4		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-303245-1 Analy Batch No.: 972799

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/03/2024 06:36 Calibration End Date: 05/03/2024 14:48 Calibration ID: 97038

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
tert-Butylbenzene	+++++ 1.7229	1.7035 1.7469	1.7968	1.8067	1.7959	Ave		1.7621				2.5		20.0			
Butyl Methacrylate	+++++ 0.8100	0.6825 0.8317	0.7633	0.8154	0.8388	Ave		0.7903				7.5		20.0			
1,2,4-Trimethylbenzene	+++++ 2.1801	2.2397 2.1958	2.3262	2.3307	2.3190	Ave		2.2653				3.0		20.0			
sec-Butylbenzene	+++++ 2.4341	2.3652 2.4548	2.6396	2.5784	2.5531	Ave		2.5042				4.1		20.0			
1,3-Dichlorobenzene	+++++ 1.2171	1.2738 1.2024	1.2966	1.2805	1.2759	Ave		1.2577			0.6000	3.0		20.0			
4-Isopropyltoluene	+++++ 2.1422	2.0353 2.1189	2.3030	2.2929	2.2566	Ave		2.1915				5.0		20.0			
1,4-Dichlorobenzene	+++++ 1.2538	1.3120 1.2567	1.3225	1.3118	1.3083	Ave		1.2942			0.5000	2.4		20.0			
1,2,3-Trimethylbenzene	+++++ 2.3387	2.3239 2.3275	2.4840	2.4818	2.4654	Ave		2.4036				3.4		20.0			
Indan	+++++ 2.1904	2.2268 2.1375	2.3745	2.3462	2.3338	Ave		2.2682				4.3		20.0			
Benzyl chloride	+++++ 0.3271	0.2185 0.3335	0.2575	0.2864	0.3018	Ave		0.2875				15.2		20.0			
p-Diethylbenzene	+++++ 1.2583	1.2332 1.2449	1.3519	1.3624	1.3609	Ave		1.3019				4.8		20.0			
n-Butylbenzene	+++++ 1.8297	1.8714 1.8127	2.0122	1.9697	1.9419	Ave		1.9063				4.2		20.0			
1,2-Dichlorobenzene	+++++ 1.1779	1.2310 1.1758	1.2753	1.2426	1.2424	Ave		1.2242			0.4000	3.2		20.0			
1,2,4,5-Tetramethylbenzene	+++++ 1.9465	1.9784 1.7972	2.1223	2.1765	2.1878	Ave		2.0348				7.6		20.0			
1,2-Dibromo-3-Chloropropane	+++++ 0.1439	0.1222 0.1441	0.1298	0.1353	0.1380	Ave		0.1355			0.0500	6.3		20.0			
1,3,5-Trichlorobenzene	+++++ 0.7722	0.7726 0.7156	0.8467	0.8363	0.8401	Ave		0.7973				6.6		20.0			
1,2,4-Trichlorobenzene	+++++ 0.7051	0.7149 0.6753	0.7563	0.7746	0.7741	Ave		0.7334			0.2000	5.6		20.0			
Hexachlorobutadiene	+++++ 0.2429	0.2332 0.2431	0.2696	0.2611	0.2585	Ave		0.2514				5.5		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-303245-1 Analy Batch No.: 972799

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/03/2024 06:36 Calibration End Date: 05/03/2024 14:48 Calibration ID: 97038

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Naphthalene	+++++ 1.9137	2.2681 1.8587	2.1375	2.1137	2.1129	Ave		2.0674				7.4		20.0			
1,2,3-Trichlorobenzene	+++++ 0.6135	0.6566 0.6064	0.6885	0.6993	0.6946	Ave		0.6598				6.3		20.0			
Dibromofluoromethane (Surr)	0.1923 0.1793	0.1700 0.1806	0.1752	0.1790	0.1743	Ave		0.1787				3.9		20.0			
1,2-Dichloroethane-d4 (Surr)	0.2329 0.2140	0.2063 0.2305	0.2123	0.2110	0.2055	Ave		0.2161				5.2		20.0			
Toluene-d8 (Surr)	1.1425 1.0072	1.0194 1.0439	1.0295	1.0404	1.0103	Ave		1.0419				4.5		20.0			
4-Bromofluorobenzene	0.4524 0.4118	0.4037 0.4198	0.4104	0.4195	0.4078	Ave		0.4179				3.9		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-303245-1 | Analy Batch No.: 972799

SDG No.:

Instrument ID: CVOAMS13 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 05/03/2024 06:36 | Calibration End Date: 05/03/2024 14:48 | Calibration ID: 97038

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-972799/3	P27115.D
Level 2	STD1 460-972799/4	P27116.D
Level 3	STD5 460-972799/5	P27117.D
Level 4	STD20 460-972799/6	P27118.D
Level 5	STD50 460-972799/7	P27119.D
Level 6	STD200 460-972799/22	P27134.D
Level 7	STD500 460-972799/23	P27135.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Chlorotrifluoroethene	FB	Ave	+++++ 236598	799 631335	5185	17448	47242	+++++ 200	1.00 500	5.00	20.0	50.0
Dichlorodifluoromethane	FB	QuaF	+++++ 936815	2522 2437109	17634	57315	157367	+++++ 200	1.00 500	5.00	20.0	50.0
Chlorodifluoromethane	FB	Ave	+++++ 1228126	6275 3267210	33535	120129	309172	+++++ 200	1.00 500	5.00	20.0	50.0
Vinyl chloride	FB	Ave	+++++ 798738	3449 2105913	19298	69723	176509	+++++ 200	1.00 500	5.00	20.0	50.0
Chloromethane	FB	Ave	+++++ 1071918	4895 2852366	25741	94268	237426	+++++ 200	1.00 500	5.00	20.0	50.0
Butadiene	FB	Ave	969 731516	2752 1941508	16335	57481	150805	0.250 200	1.00 500	5.00	20.0	50.0
Bromomethane	TBAd9	Ave	+++++ 480874	2511 1107234	11993	45331	105368	+++++ 200	1.00 500	5.00	20.0	50.0
Chloroethane	FB	Ave	+++++ 461978	1836 774098	12108	47664	95944	+++++ 200	1.00 500	5.00	20.0	50.0
Pentane	TBAd9	Ave	+++++ 238713	901 536804	5330	19274	52201	+++++ 400	2.00 1000	10.0	40.0	100
Trichlorofluoromethane	FB	Ave	+++++ 963358	3551 2307580	21867	78044	203153	+++++ 200	1.00 500	5.00	20.0	50.0
Dichlorofluoromethane	FB	Ave	+++++ 1206678	6136 3068160	31424	119843	299536	+++++ 200	1.00 500	5.00	20.0	50.0
2-Methyl-1,3-butadiene	FB	Ave	+++++ 913264	4085 2492548	22326	83532	214699	+++++ 200	1.00 500	5.00	20.0	50.0
Ethyl ether	FB	Ave	+++++ 526145	2872 1416269	13832	51937	130966	+++++ 200	1.00 500	5.00	20.0	50.0
Ethanol	TBAd9	Ave	+++++ 108213	551 322388	3171	12620	31694	+++++ 8000	40.0 20000	200	800	2000
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	+++++ 234797	1257 +++++	6237	22094	57932	+++++ 200	1.00 +++++	5.00	20.0	50.0
1,1-Dichloroethene	FB	Ave	+++++	2357	13077	50163	127250	+++++	1.00	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-303245-1 | Analy Batch No.: 972799

SDG No.:

Instrument ID: CVOAMS13 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 05/03/2024 06:36 | Calibration End Date: 05/03/2024 14:48 | Calibration ID: 97038

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			555968	1517673				200	500			
Carbon disulfide	FB	Ave	+++++ 2028827	8411 5514131	44640	180002	459790	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	+++++ 587052	1965 1544895	12683	44524	124663	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	+++++ 856845	3654 2361147	22292	81250	198691	+++++ 200	1.00 500	5.00	20.0	50.0
Iodomethane	FB	Ave	+++++ 961192	4795 2380548	24622	93192	232505	+++++ 200	1.00 500	5.00	20.0	50.0
Cyclopentene	FB	Ave	+++++ 1310962	6111 3702405	31840	118018	309978	+++++ 200	1.00 500	5.00	20.0	50.0
Acrolein	TBAd9	Ave	+++++ 110126	1682 247289	8897	18266	50133	+++++ 200	4.00 400	20.0	40.0	100
3-Chloro-1-propene	FB	Ave	+++++ 360950	1708 974069	8599	35402	90754	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl alcohol	TBAd9	Ave	+++++ 276013	1608 858350	7213	28229	74258	+++++ 2000	10.0 5000	50.0	200	500
Methylene Chloride	FB	Ave	+++++ 650048	4250 1758361	17575	64964	164740	+++++ 200	1.00 500	5.00	20.0	50.0
Acetone	BUT	Ave	+++++ 752663	4088 1976694	17694	69871	177250	+++++ 1000	5.00 2500	25.0	100	250
trans-1,2-Dichloroethene	FB	Ave	+++++ 617075	2906 1700745	15618	58744	151171	+++++ 200	1.00 500	5.00	20.0	50.0
Methyl acetate	TBAd9	Ave	+++++ 182432	820 488844	4150	16752	42203	+++++ 400	2.00 1000	10.0	40.0	100
Hexane	FB	Ave	+++++ 164170	485 445995	3493	12237	32766	+++++ 200	1.00 500	5.00	20.0	50.0
MTBE	FB	Ave	+++++ 1925799	8971 5151304	46186	181581	459153	+++++ 200	1.00 500	5.00	20.0	50.0
2-Methyl-2-propanol	TBAd9	Ave	+++++ 481455	2729 1431229	12921	51805	129723	+++++ 2000	10.0 5000	50.0	200	500
Acetonitrile	TBAd9	Ave	+++++ 715608	3302 1844867	18400	73060	188344	+++++ 2000	10.0 5000	50.0	200	500
Isopropyl ether	FB	Ave	+++++ 2038213	10378 5448739	52869	210319	531698	+++++ 200	1.00 500	5.00	20.0	50.0
2-Chloro-1,3-butadiene	FB	Ave	+++++ 574019	2516 1547619	14115	52762	136427	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloroethane	FB	Ave	+++++ 1156210	5647 3133354	28774	114824	290521	+++++ 200	1.00 500	5.00	20.0	50.0
Acrylonitrile	FB	Ave	2898	10596	52287	217040	560628	2.00	10.0	50.0	200	500

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-303245-1 | Analy Batch No.: 972799

SDG No.:

Instrument ID: CVOAMS13 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 05/03/2024 06:36 | Calibration End Date: 05/03/2024 14:48 | Calibration ID: 97038

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			2345338	6610865				2000	5000			
Tert-butyl ethyl ether	FB	Ave	+++++ 2116433	10012 5570943	51171	202636	517086	+++++ 200	1.00 500	5.00	20.0	50.0
Vinyl acetate	FB	Ave	+++++ 3210420	13895 8330092	70662	281217	729804	+++++ 400	2.00 1000	10.0	40.0	100
cis-1,2-Dichloroethene	FB	Ave	+++++ 660543	3116 1874315	16725	64694	165615	+++++ 200	1.00 500	5.00	20.0	50.0
2,2-Dichloropropane	FB	Ave	+++++ 200489	836 551800	4706	18679	46529	+++++ 200	1.00 500	5.00	20.0	50.0
Chlorobromomethane	FB	Ave	+++++ 331224	1585 874318	7946	31453	80420	+++++ 200	1.00 500	5.00	20.0	50.0
Cyclohexane	FB	Ave	+++++ 1125275	4275 3044801	25474	92899	248222	+++++ 200	1.00 500	5.00	20.0	50.0
Chloroform	FB	Ave	+++++ 1059248	5363 2934610	26567	104947	267279	+++++ 200	1.00 500	5.00	20.0	50.0
Ethyl acetate	BUT	Ave	+++++ 149527	645 410410	3554	14180	36382	+++++ 400	2.00 1000	10.0	40.0	100
Methyl acrylate	FB	Ave	+++++ 587619	2814 1582316	14515	57408	147386	+++++ 200	1.00 500	5.00	20.0	50.0
Carbon tetrachloride	FB	Ave	+++++ 798641	3217 2199003	17360	68231	179212	+++++ 200	1.00 500	5.00	20.0	50.0
Tetrahydrofuran	BUT	Ave	+++++ 475367	2018 1315118	10250	45827	117648	+++++ 400	2.00 1000	10.0	40.0	100
1,1,1-Trichloroethane	FB	Ave	+++++ 936749	4231 2542636	22949	88139	223972	+++++ 200	1.00 500	5.00	20.0	50.0
2-Butanone (MEK)	BUT	Ave	+++++ 400805	1775 1104532	9787	38686	96294	+++++ 1000	5.00 2500	25.0	100	250
1,1-Dichloropropene	FB	Ave	+++++ 317541	1577 861561	7780	29604	74264	+++++ 200	1.00 500	5.00	20.0	50.0
Isooctane	FB	Ave	+++++ 1583082	5452 4224604	35628	124868	339895	+++++ 200	1.00 500	5.00	20.0	50.0
n-Heptane	FB	Ave	+++++ 404883	1458 1083476	9092	30575	83169	+++++ 200	1.00 500	5.00	20.0	50.0
Benzene	CBNZd5	Ave	+++++ 2554992	13422 6736957	65956	256527	649584	+++++ 200	1.00 500	5.00	20.0	50.0
Propionitrile	TBAd9	Ave	+++++ 858612	3272 2450819	19038	79065	205983	+++++ 2000	10.0 5000	50.0	200	500
Methacrylonitrile	FB	Ave	+++++ 2741873	12511 7084761	65580	265220	677081	+++++ 2000	10.0 5000	50.0	200	500
Tert-amyl methyl ether	FB	Ave	+++++	9015	47009	188551	477814	+++++	1.00	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-303245-1 | Analy Batch No.: 972799

SDG No.:

Instrument ID: CVOAMS13 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 05/03/2024 06:36 | Calibration End Date: 05/03/2024 14:48 | Calibration ID: 97038

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			1950027	5206338				200	500			
1,2-Dichloroethane	FB	Ave	+++++ 881258	4258 2347911	21641	85766	218136	+++++ 200	1.00 500	5.00	20.0	50.0
Isobutyl alcohol	TBAd9	Ave	+++++ 583046	1865 1708319	13042	55014	149334	+++++ 5000	25.0 12500	125	500	1250
Isopropyl acetate	FB	Ave	+++++ 1205923	5615 3207799	29220	118139	305145	+++++ 200	1.00 500	5.00	20.0	50.0
Methylcyclohexane	FB	Ave	+++++ 1070194	3850 2851934	23411	84308	230027	+++++ 200	1.00 500	5.00	20.0	50.0
Trichloroethene	FB	Ave	+++++ 658343	2993 1731821	16741	64472	164404	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butanol	TBAd9	Ave	+++++ 369554	+++++ 1123134	7406	35693	97263	+++++ 5000	+++++ 12500	125	500	1250
Dibromomethane	FB	Ave	+++++ 410771	1857 1113150	10221	39854	99723	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloropropane	FB	Ave	+++++ 680643	3223 1839530	17233	67064	172447	+++++ 200	1.00 500	5.00	20.0	50.0
Ethyl acrylate	FB	Ave	+++++ 864449	4069 2344790	20166	80967	210468	+++++ 200	1.00 500	5.00	20.0	50.0
Dichlorobromomethane	FB	Ave	+++++ 842032	3723 2302046	19213	78240	205070	+++++ 200	1.00 500	5.00	20.0	50.0
Methyl methacrylate	FB	Ave	+++++ 369811	1605 997394	8599	33681	87194	+++++ 400	2.00 1000	10.0	40.0	100
1,4-Dioxane	DXE	Ave	+++++ 115331	1617 346479	3759	14002	35042	+++++ 4000	50.0 10000	100	400	1000
n-Propyl acetate	FB	Ave	+++++ 905097	4094 2449739	21317	87325	226542	+++++ 200	1.00 500	5.00	20.0	50.0
2-Chloroethyl vinyl ether	FB	Ave	+++++ 470157	2008 1253247	10496	43523	115212	+++++ 200	1.00 501	5.01	20.0	50.1
cis-1,3-Dichloropropene	CBNZd5	Ave	+++++ 1154439	5282 3142281	27011	112164	283384	+++++ 200	1.00 500	5.00	20.0	50.0
Toluene	CBNZd5	Ave	+++++ 2767000	14375 7325934	70381	273221	689594	+++++ 200	1.00 500	5.00	20.0	50.0
Epichlorohydrin	BUT	Ave	2259 1339374	6286 3624887	31462	129828	331949	5.00 4000	20.0 10000	100	400	1000
2-Nitropropane	FB	Ave	+++++ 378334	1390 1033529	7654	34192	85622	+++++ 400	2.00 1000	10.0	40.0	100
Tetrachloroethene	CBNZd5	Ave	+++++ 675756	2954 1780460	16017	62591	159671	+++++ 200	1.00 500	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-303245-1 | Analy Batch No.: 972799

SDG No.:

Instrument ID: CVOAMS13 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 05/03/2024 06:36 | Calibration End Date: 05/03/2024 14:48 | Calibration ID: 97038

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
4-Methyl-2-pentanone (MIBK)	BUT	Ave	+++++ 2996371	13220 8007605	71164	295256	754031	+++++ 1000	5.00 2500	25.0	100	250
trans-1,3-Dichloropropene	CBNZd5	Ave	+++++ 1075762	4731 2938441	24288	100946	261136	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2-Trichloroethane	CBNZd5	Ave	+++++ 499376	2293 1354522	12095	48385	124130	+++++ 200	1.00 500	5.00	20.0	50.0
Ethyl methacrylate	FB	Ave	+++++ 915357	3938 2492885	21043	87173	222842	+++++ 200	1.00 500	5.00	20.0	50.0
Chlorodibromomethane	CBNZd5	Ave	+++++ 687018	2472 1871018	13965	58933	159005	+++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichloropropane	CBNZd5	Ave	+++++ 1057860	4946 2865459	26693	103757	265729	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dibromoethane	CBNZd5	Ave	+++++ 622967	2832 1675789	14637	58320	150554	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butyl acetate	CBNZd5	Ave	+++++ 985434	3886 2685599	22486	92044	238307	+++++ 200	1.00 500	5.00	20.0	50.0
2-Hexanone	BUT	Ave	+++++ 2086751	9398 5507813	49301	204379	518640	+++++ 1000	5.00 2500	25.0	100	250
Chlorobenzene	CBNZd5	Ave	+++++ 1811722	8822 4794818	44522	177652	451108	+++++ 200	1.00 500	5.00	20.0	50.0
Ethylbenzene	CBNZd5	Ave	+++++ 984619	4256 2619079	23979	93791	241974	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1,2-Tetrachloroethane	CBNZd5	Ave	+++++ 639293	2522 1702059	14062	58511	151761	+++++ 200	1.00 500	5.00	20.0	50.0
m-Xylene & p-Xylene	CBNZd5	Ave	+++++ 1209043	5465 3201001	28818	114659	296205	+++++ 200	1.00 500	5.00	20.0	50.0
o-Xylene	CBNZd5	Ave	+++++ 1166248	5171 3082637	27967	111818	288942	+++++ 200	1.00 500	5.00	20.0	50.0
Bromoform	CBNZd5	Ave	+++++ 472345	1617 1271962	8760	37591	103194	+++++ 200	1.00 500	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-303245-1 | Analy Batch No.: 972799

SDG No.:

Instrument ID: CVOAMS13 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 05/03/2024 06:36 | Calibration End Date: 05/03/2024 14:48 | Calibration ID: 97038

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Styrene	CBNZd5	Ave	+++++ 2016322	8408 5234526	46913	192267	494050	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butyl acrylate	CBNZd5	Ave	+++++ 516681	2019 1369626	10983	46980	123595	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropylbenzene	CBNZd5	Ave	+++++ 2719926	11899 7012675	65900	261826	668107	+++++ 200	1.00 500	5.00	20.0	50.0
Amyl acetate (mixed isomers)	DCBd4	Ave	+++++ 1186430	4779 3114883	27164	113864	293826	+++++ 200	1.00 500	5.00	20.0	50.0
Bromobenzene	DCBd4	Ave	+++++ 793177	3855 2076484	18878	75374	195185	+++++ 200	1.00 500	5.00	20.0	50.0
N-Propylbenzene	DCBd4	Ave	+++++ 3440771	15316 8856372	83143	335066	848191	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2,2-Tetrachloroethane	DCBd4	Ave	+++++ 780550	3457 2055762	18240	72756	187210	+++++ 200	1.00 500	5.00	20.0	50.0
2-Chlorotoluene	DCBd4	Ave	+++++ 2449754	11052 6379783	58921	238330	606596	+++++ 200	1.00 500	5.00	20.0	50.0
4-Ethyltoluene	DCBd4	Ave	+++++ 2958238	13443 7484430	71554	287502	736005	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichloropropane	DCBd4	Ave	+++++ 235324	1088 619992	5643	22742	56664	+++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trimethylbenzene	DCBd4	Ave	+++++ 2455126	10998 6356997	60406	241659	613547	+++++ 200	1.00 500	5.00	20.0	50.0
trans-1,4-Dichloro-2-butene	DCBd4	Ave	+++++ 275051	1013 739044	6070	24923	63972	+++++ 200	1.00 500	5.00	20.0	50.0
4-Chlorotoluene	DCBd4	Ave	+++++ 2241292	10656 6006752	54912	216108	553770	+++++ 200	1.00 500	5.00	20.0	50.0
tert-Butylbenzene	DCBd4	Ave	+++++ 2041452	9190 5207985	48749	198856	504567	+++++ 200	1.00 500	5.00	20.0	50.0
Butyl Methacrylate	DCBd4	Ave	+++++ 959721	3682 2479534	20710	89749	235659	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trimethylbenzene	DCBd4	Ave	+++++ 2583193	12083 6546249	63113	256528	651519	+++++ 200	1.00 500	5.00	20.0	50.0
sec-Butylbenzene	DCBd4	Ave	+++++ 2884121	12760 7318612	71615	283793	717298	+++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichlorobenzene	DCBd4	Ave	+++++ 1442166	6872 3584799	35177	140937	358463	+++++ 200	1.00 500	5.00	20.0	50.0
4-Isopropyltoluene	DCBd4	Ave	+++++ 2538279	10980 6317082	62483	252363	633982	+++++ 200	1.00 500	5.00	20.0	50.0
1,4-Dichlorobenzene	DCBd4	Ave	+++++	7078	35881	144381	367578	+++++	1.00	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-303245-1 | Analy Batch No.: 972799

SDG No.:

Instrument ID: CVOAMS13 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 05/03/2024 06:36 | Calibration End Date: 05/03/2024 14:48 | Calibration ID: 97038

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			1485557	3746611				200	500			
1,2,3-Trimethylbenzene	DCBd4	Ave	+++++ 2771101	12537 6939033	67394	273161	692649	+++++ 200	1.00 500	5.00	20.0	50.0
Indan	DCBd4	Ave	+++++ 2595341	12013 6372516	64422	258232	655674	+++++ 200	1.00 500	5.00	20.0	50.0
Benzyl chloride	DCBd4	Ave	+++++ 387578	1179 994314	6986	31521	84783	+++++ 200	1.00 500	5.00	20.0	50.0
p-Diethylbenzene	DCBd4	Ave	+++++ 1490924	6653 3711567	36678	149947	382333	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butylbenzene	DCBd4	Ave	+++++ 2167996	10096 5404369	54593	216790	545582	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichlorobenzene	DCBd4	Ave	+++++ 1395695	6641 3505464	34599	136766	349054	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4,5-Tetramethylbenzene	DCBd4	Ave	+++++ 2306343	10673 5358128	57580	239550	614671	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dibromo-3-Chloropropane	DCBd4	Ave	+++++ 170479	659 429753	3521	14888	38761	+++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trichlorobenzene	DCBd4	Ave	+++++ 915005	4168 2133475	22972	92048	236039	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trichlorobenzene	DCBd4	Ave	+++++ 835420	3857 2013329	20520	85252	217470	+++++ 200	1.00 500	5.00	20.0	50.0
Hexachlorobutadiene	DCBd4	Ave	+++++ 287799	1258 724682	7314	28742	72632	+++++ 200	1.00 500	5.00	20.0	50.0
Naphthalene	DCBd4	Ave	+++++ 2267513	12236 5541490	57994	232641	593620	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichlorobenzene	DCBd4	Ave	+++++ 726940	3542 1807831	18679	76965	195135	+++++ 200	1.00 500	5.00	20.0	50.0
Dibromofluoromethane (Surr)	FB	Ave	120034 116049	105248 122125	108957	111738	110785	50.0 50.0	50.0 50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	145416 138530	127699 155890	132043	131727	130651	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZd5	Ave	541841 519921	480211 556226	489220	499062	495671	50.0 50.0	50.0 50.0	50.0	50.0	50.0
4-Bromofluorobenzene	CBNZd5	Ave	214526 212569	190168 223654	195015	201209	200065	50.0 50.0	50.0 50.0	50.0	50.0	50.0

Curve Type Legend:
Ave = Average ISTD
QuaF = Quadratic ISTD forced zero

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20240503-175422.b\P27115.D
Lims ID: STD7
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 03-May-2024 06:36:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD7
Misc. Info.: 460-0175422-003
Operator ID: Instrument ID: CVOAMS13
Sublist: chrom-8260W_13*sub74

Method: \\chromfs\Edison\ChromData\CVOAMS13\20240503-175422.b\8260W_13.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 05-May-2024 12:51:13 Calib Date: 03-May-2024 14:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20240503-175422.b\P27135.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1683

First Level Reviewer: W9CM Date: 03-May-2024 10:04:10

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
175 Butadiene	54	1.217	1.217	0.000	95	969	0.2500	0.2965	
* 33 TBA-d9 (IS)	65	2.349	2.356	-0.007	100	246466	1000.0	1000.0	
39 Acrylonitrile	53	2.693	2.693	0.000	91	2898	2.00	2.50	
$ 51 Dibromofluoromethane (Surr)	113	3.388	3.388	0.000	96	120034	50.0	53.8	
* 53 2-Butanone-d5	46	3.438	3.438	0.000	99	321324	250.0	250.0	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.810	3.810	0.000	0	145416	50.0	53.9	
* 66 Fluorobenzene	96	4.061	4.061	0.000	98	624248	50.0	50.0	
* 76 1,4-Dioxane-d8	96	4.956	4.956	0.000	63	32922	1000.0	1000.0	
$ 82 Toluene-d8 (Surr)	98	5.644	5.644	0.000	99	541841	50.0	54.8	
84 Epichlorohydrin	57	5.723	5.716	0.007	97	2259	5.00	6.83	
* 96 Chlorobenzene-d5	117	7.557	7.556	0.001	88	474245	50.0	50.0	
$ 107 4-Bromofluorobenzene	174	9.347	9.347	0.000	88	214526	50.0	54.1	
* 123 1,4-Dichlorobenzene-d4	152	11.131	11.131	0.000	96	270122	50.0	50.0	

QC Flag Legend
Processing Flags

Reagents:

ACROLEIN W_00168	Amount Added:	0.00	Units: uL	
GASES Li_00581	Amount Added:	2.50	Units: uL	
8260MIX1COMB_00187	Amount Added:	0.00	Units: uL	
524FREONS_00018	Amount Added:	0.00	Units: uL	
ACRY/EPIH MIX_00124	Amount Added:	20.00	Units: uL	
GAS Hi_00468	Amount Added:	0.00	Units: uL	
Ethanol mix_00089	Amount Added:	0.00	Units: uL	
	Amount Added:	0.00	Units: uL	
MIX I Hi_00176	Amount Added:	0.00	Units: uL	
14DIOXINTER_00168	Amount Added:	0.00	Units: uL	
7 Freons Hi_00014	Amount Added:	0.00	Units: uL	
VMTBA500_00049	Amount Added:	2.00	Units: uL	
8260ISNEW_00155	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00246	Amount Added:	1.00	Units: uL	Run Reagent

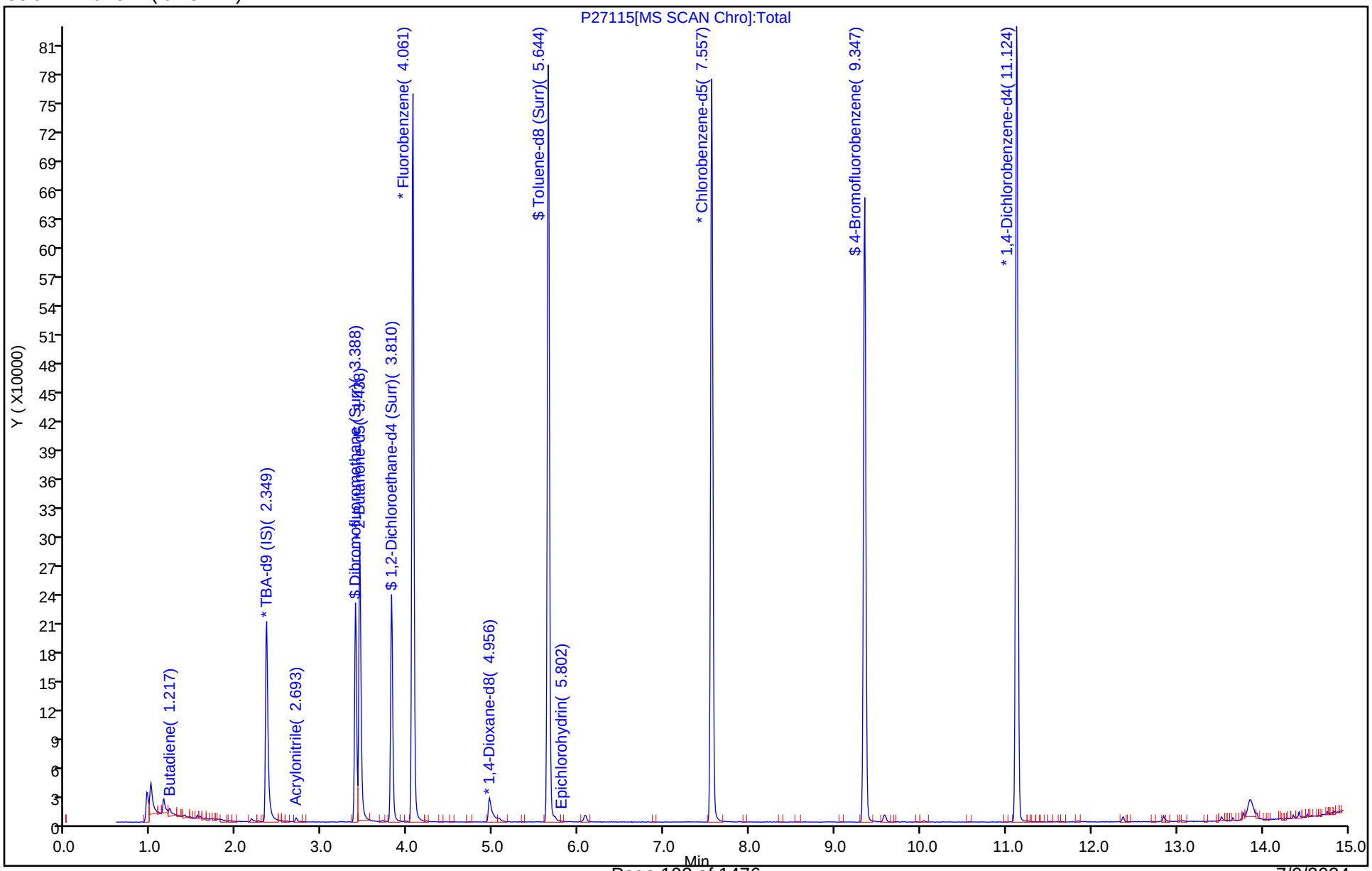
Report Date: 05-May-2024 12:51:13 Chrom Revision: 2.3 26-Apr-2024 12:18:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20240503-175422.b\P27115.D

Injection Date:	03-May-2024 06:36:30	Instrument ID:	CVOAMS13	Operator ID:	
Lims ID:	STD7			Worklist Smp#:	3
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8260W_13	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



7/9/2024
8:32:15 AM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20240503-175422.b\P27116.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 03-May-2024 06:58:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0175422-004
Operator ID: Instrument ID: CVOAMS13
Sublist: chrom-8260W_13*sub74

Method: \\chromfs\Edison\ChromData\CVOAMS13\20240503-175422.b\8260W_13.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 05-May-2024 12:51:19 Calib Date: 03-May-2024 14:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20240503-175422.b\P27135.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1683

First Level Reviewer: W9CM Date: 03-May-2024 10:06:04

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
173 Chlorotrifluoroethene	116	1.045	1.045	0.000	84	799	1.00	0.8121	
3 Dichlorodifluoromethane	85	1.059	1.052	0.007	30	2522	1.00	0.5923	a
168 Chlorodifluoromethane	51	1.095	1.095	0.000	97	6275	1.00	1.02	
7 Vinyl chloride	62	1.210	1.210	0.000	80	3449	1.00	0.9467	a
6 Chloromethane	50	1.210	1.210	0.000	87	4895	1.00	0.99	
175 Butadiene	54	1.217	1.217	0.000	96	2752	1.00	0.8491	
9 Bromomethane	94	1.396	1.389	0.007	98	2511	1.00	1.16	
10 Chloroethane	64	1.461	1.454	0.007	98	1836	1.00	0.9101	
11 Pentane	72	1.532	1.525	0.007	95	901	2.00	1.87	
12 Trichlorofluoromethane	101	1.532	1.532	0.000	65	3551	1.00	0.8675	
177 Dichlorofluoromethane	67	1.568	1.568	0.000	97	6136	1.00	1.04	
14 2-Methyl-1,3-butadiene	67	1.704	1.697	0.007	98	4085	1.00	0.9507	
15 Ethyl ether	59	1.711	1.711	0.000	93	2872	1.00	1.09	
16 Ethanol	46	1.797	1.805	-0.007	94	551	40.0	39.1	a
170 1,2-Dichloro-1,1,2-trifluoroetha	69	1.826	1.819	0.007	94	1257	1.00	1.08	
17 1,1-Dichloroethene	96	1.826	1.819	0.007	97	2357	1.00	0.9206	
19 Carbon disulfide	76	1.840	1.840	0.000	100	8411	1.00	0.9180	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.847	1.847	0.000	55	1965	1.00	0.7988	
174 1,1,1-Trifluoro-2,2-dichloroetha	83	1.855	1.855	0.000	95	3654	1.00	0.8982	
22 Iodomethane	142	1.912	1.912	0.000	97	4795	1.00	1.03	
169 Cyclopentene	67	2.005	1.998	0.007	98	6111	1.00	0.9808	
24 Acrolein	56	2.012	2.019	-0.007	55	1682	4.00	3.66	
164 3-Chloro-1-propene	76	2.105	2.098	0.007	27	1708	1.00	0.9805	
26 Isopropyl alcohol	45	2.120	2.127	-0.007	96	1608	10.0	11.5	
27 Methylene Chloride	84	2.170	2.170	0.000	93	4250	1.00	1.24	
28 Acetone	43	2.191	2.191	0.000	84	4088	5.00	5.77	
29 trans-1,2-Dichloroethene	96	2.270	2.270	0.000	97	2906	1.00	0.9721	
30 Methyl acetate	74	2.270	2.270	0.000	78	820	2.00	2.03	
31 Hexane	86	2.327	2.320	0.007	95	485	1.00	0.7227	
32 Methyl tert-butyl ether	73	2.342	2.335	0.007	80	8971	1.00	0.9831	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 33 TBA-d9 (IS)	65	2.349	2.356	-0.007	100	250526	1000.0	1000.0	
34 2-Methyl-2-propanol	59	2.399	2.399	0.000	96	2729	10.0	11.2	
35 Acetonitrile	41	2.492	2.485	0.007	94	3302	10.0	9.82	
36 Isopropyl ether	45	2.592	2.585	0.007	95	10378	1.00	1.01	
37 2-Chloro-1,3-butadiene	88	2.650	2.650	0.000	90	2516	1.00	0.9332	
38 1,1-Dichloroethane	63	2.664	2.664	0.000	100	5647	1.00	1.00	
39 Acrylonitrile	53	2.693	2.693	0.000	93	10596	10.0	9.23	a
41 Vinyl acetate	43	2.843	2.836	0.007	99	13895	2.00	1.92	
40 Tert-butyl ethyl ether	59	2.843	2.836	0.007	60	10012	1.00	0.99	
42 cis-1,2-Dichloroethene	96	3.044	3.044	0.000	95	3116	1.00	0.9603	
43 2,2-Dichloropropane	97	3.122	3.123	0.000	98	836	1.00	0.8999	
45 Chlorobromomethane	128	3.187	3.187	0.000	94	1585	1.00	1.00	
44 Cyclohexane	56	3.201	3.194	0.007	90	4275	1.00	0.8624	
46 Chloroform	83	3.251	3.251	0.000	96	5363	1.00	1.02	
48 Ethyl acetate	70	3.352	3.345	0.007	99	645	2.00	1.87	
49 Methyl acrylate	55	3.352	3.345	0.007	87	2814	1.00	0.9858	
47 Carbon tetrachloride	117	3.359	3.352	0.007	95	3217	1.00	0.9024	
50 Tetrahydrofuran	42	3.380	3.366	0.014	30	2018	2.00	1.87	
$ 51 Dibromofluoromethane (Surr)	113	3.387	3.388	-0.001	96	105248	50.0	47.6	
52 1,1,1-Trichloroethane	97	3.402	3.402	0.000	96	4231	1.00	0.9520	
* 53 2-Butanone-d5	46	3.438	3.438	0.000	99	324187	250.0	250.0	
54 2-Butanone (MEK)	72	3.481	3.481	0.000	100	1775	5.00	4.76	
55 1,1-Dichloropropene	110	3.502	3.502	0.000	91	1577	1.00	1.04	a
56 Isooctane	57	3.602	3.602	0.000	97	5452	1.00	0.8046	
57 n-Heptane	57	3.703	3.696	0.007	44	1458	1.00	0.8474	a
58 Benzene	78	3.703	3.703	0.000	95	13422	1.00	1.07	
59 Propionitrile	54	3.710	3.710	0.000	96	3272	10.0	8.72	
60 Methacrylonitrile	67	3.731	3.731	0.000	92	12511	10.0	9.63	
62 Tert-amyl methyl ether	73	3.817	3.810	0.007	97	9015	1.00	0.9679	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.810	3.810	0.000	0	127699	50.0	47.7	
63 1,2-Dichloroethane	62	3.867	3.867	0.000	95	4258	1.00	1.00	
64 Isobutyl alcohol	43	3.946	3.925	0.021	93	1865	25.0	18.3	
* 66 Fluorobenzene	96	4.061	4.061	0.000	98	619046	50.0	50.0	
67 Isopropyl acetate	43	4.118	4.111	0.007	97	5615	1.00	0.9661	
68 Methylcyclohexane	83	4.211	4.211	0.000	95	3850	1.00	0.8397	
69 Trichloroethene	130	4.218	4.218	0.000	94	2993	1.00	0.9431	
71 Dibromomethane	93	4.605	4.598	0.007	93	1857	1.00	0.9433	
73 1,2-Dichloropropane	63	4.698	4.698	0.000	89	3223	1.00	0.9689	
74 Ethyl acrylate	55	4.763	4.756	0.007	97	4069	1.00	0.99	
75 Dichlorobromomethane	83	4.777	4.777	0.000	98	3723	1.00	0.9441	
* 76 1,4-Dioxane-d8	96	4.956	4.956	0.000	83	32731	1000.0	1000.0	
77 Methyl methacrylate	100	4.970	4.963	0.007	90	1605	2.00	1.87	
78 1,4-Dioxane	88	4.999	4.985	0.014	71	1617	50.0	50.8	
79 n-Propyl acetate	43	5.135	5.121	0.014	98	4094	1.00	0.9487	
80 2-Chloroethyl vinyl ether	63	5.407	5.400	0.007	96	2008	1.00	0.9260	
81 cis-1,3-Dichloropropene	75	5.443	5.436	0.007	93	5282	1.00	0.9778	
$ 82 Toluene-d8 (Surr)	98	5.644	5.644	0.000	99	480211	50.0	48.9	
83 Toluene	91	5.701	5.701	0.000	92	14375	1.00	1.07	
84 Epichlorohydrin	57	5.723	5.716	0.007	98	6286	20.0	18.8	
85 2-Nitropropane	41	5.952	5.945	0.007	96	1390	2.00	1.67	
86 Tetrachloroethene	166	6.152	6.152	0.000	95	2954	1.00	0.9580	
87 4-Methyl-2-pentanone (MIBK)	43	6.174	6.167	0.007	96	13220	5.00	4.74	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
88 trans-1,3-Dichloropropene	75	6.210	6.203	0.007	97	4731	1.00	0.9582	
89 1,1,2-Trichloroethane	83	6.396	6.389	0.007	92	2293	1.00	0.9740	
90 Ethyl methacrylate	69	6.468	6.453	0.015	92	3938	1.00	0.9183	
91 Chlorodibromomethane	129	6.596	6.597	-0.001	97	2472	1.00	0.8412	
92 1,3-Dichloropropane	76	6.718	6.711	0.007	95	4946	1.00	0.9784	
93 Ethylene Dibromide	107	6.862	6.854	0.008	99	2832	1.00	0.9825	
94 n-Butyl acetate	43	7.184	7.177	0.007	98	3886	1.00	0.8737	
95 2-Hexanone	43	7.248	7.241	0.007	96	9398	5.00	4.85	
* 96 Chlorobenzene-d5	117	7.556	7.556	0.000	87	471092	50.0	50.0	
97 Chlorobenzene	112	7.578	7.578	0.000	96	8822	1.00	1.02	
98 Ethylbenzene	106	7.664	7.664	0.000	99	4256	1.00	0.9324	
99 1,1,1,2-Tetrachloroethane	131	7.692	7.693	-0.001	91	2522	1.00	0.8888	
100 m-Xylene & p-Xylene	106	7.879	7.872	0.007	0	5465	1.00	0.9737	
101 o-Xylene	106	8.473	8.473	0.000	94	5171	1.00	0.9538	
102 Bromoform	173	8.545	8.545	0.000	91	1617	1.00	0.8374	
103 Styrene	104	8.566	8.559	0.007	93	8408	1.00	0.9156	
104 n-Butyl acrylate	73	8.874	8.867	0.007	95	2019	1.00	0.8870	
105 Isopropylbenzene	105	8.975	8.968	0.007	97	11899	1.00	0.9460	
106 Amyl acetate (mixed isomers)	43	9.297	9.283	0.014	82	4779	1.00	0.8839	
$ 107 4-Bromofluorobenzene	174	9.347	9.347	0.000	88	190168	50.0	48.3	
108 Bromobenzene	156	9.469	9.462	0.007	96	3855	1.00	1.03	
109 N-Propylbenzene	91	9.605	9.605	0.000	99	15316	1.00	0.9548	
110 1,1,2,2-Tetrachloroethane	83	9.748	9.741	0.007	98	3457	1.00	0.9639	
111 2-Chlorotoluene	91	9.791	9.791	0.000	96	11052	1.00	0.9639	
172 4-Ethyltoluene	105	9.798	9.798	0.000	96	13443	1.00	0.9729	
113 1,2,3-Trichloropropane	110	9.891	9.892	-0.001	94	1088	1.00	0.9882	
114 1,3,5-Trimethylbenzene	105	9.956	9.956	0.000	94	10998	1.00	0.9520	
115 trans-1,4-Dichloro-2-butene	53	10.013	9.999	0.014	83	1013	1.00	0.8372	
116 4-Chlorotoluene	91	10.063	10.056	0.007	98	10656	1.00	1.00	
117 tert-Butylbenzene	119	10.436	10.429	0.007	95	9190	1.00	0.9667	
119 Butyl Methacrylate	87	10.543	10.536	0.007	96	3682	1.00	0.8636	
118 1,2,4-Trimethylbenzene	105	10.558	10.558	0.000	97	12083	1.00	0.9887	
120 sec-Butylbenzene	105	10.730	10.730	0.000	98	12760	1.00	0.9445	
121 1,3-Dichlorobenzene	146	11.002	10.995	0.007	94	6872	1.00	1.01	
122 4-Isopropyltoluene	119	11.002	11.002	0.000	97	10980	1.00	0.9287	
* 123 1,4-Dichlorobenzene-d4	152	11.124	11.131	-0.007	97	269741	50.0	50.0	
124 1,4-Dichlorobenzene	146	11.145	11.152	-0.007	94	7078	1.00	1.01	
125 1,2,3-Trimethylbenzene	105	11.245	11.245	0.000	98	12537	1.00	0.9669	
165 2,3-Dihydroindene	117	11.410	11.410	0.000	0	12013	1.00	0.9817	
127 Benzyl chloride	126	11.553	11.546	0.007	97	1179	1.00	0.7602	
167 p-Diethylbenzene	119	11.568	11.561	0.007	92	6653	1.00	0.9472	
129 n-Butylbenzene	91	11.632	11.632	0.000	98	10096	1.00	0.9817	
130 1,2-Dichlorobenzene	146	11.732	11.732	0.000	94	6641	1.00	1.01	
166 1,2,4,5-Tetramethylbenzene	119	12.549	12.542	0.007	97	10673	1.00	0.9723	
132 1,2-Dibromo-3-Chloropropane	157	12.685	12.685	0.000	85	659	1.00	0.9013	
133 1,3,5-Trichlorobenzene	180	12.735	12.735	0.000	97	4168	1.00	0.9691	
134 1,2,4-Trichlorobenzene	180	13.373	13.366	0.007	94	3857	1.00	0.9749	
135 Hexachlorobutadiene	225	13.380	13.380	0.000	89	1258	1.00	0.9276	
136 Naphthalene	128	13.652	13.645	0.007	99	12236	1.00	1.10	
137 1,2,3-Trichlorobenzene	180	13.803	13.803	-0.001	95	3542	1.00	1.00	
S 138 1,2-Dichloroethene, Total	100				0		2.00	1.93	
S 140 Xylenes, Total	100				0		2.00	1.93	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

ACROLEIN W_00168	Amount Added:	4.00	Units: uL	
GASES Li_00581	Amount Added:	10.00	Units: uL	
8260MIX1COMB_00187	Amount Added:	10.00	Units: uL	
524FREONS_00018	Amount Added:	10.00	Units: uL	
14DIOXINTER_00168	Amount Added:	30.00	Units: uL	
8260ISNEW_00155	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00246	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 05-May-2024 12:51:20 Chrom Revision: 2.3 26-Apr-2024 12:18:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20240503-175422.b\P27116.D

Injection Date: 03-May-2024 06:58:30 Instrument ID: CVOAMS13 Operator ID:

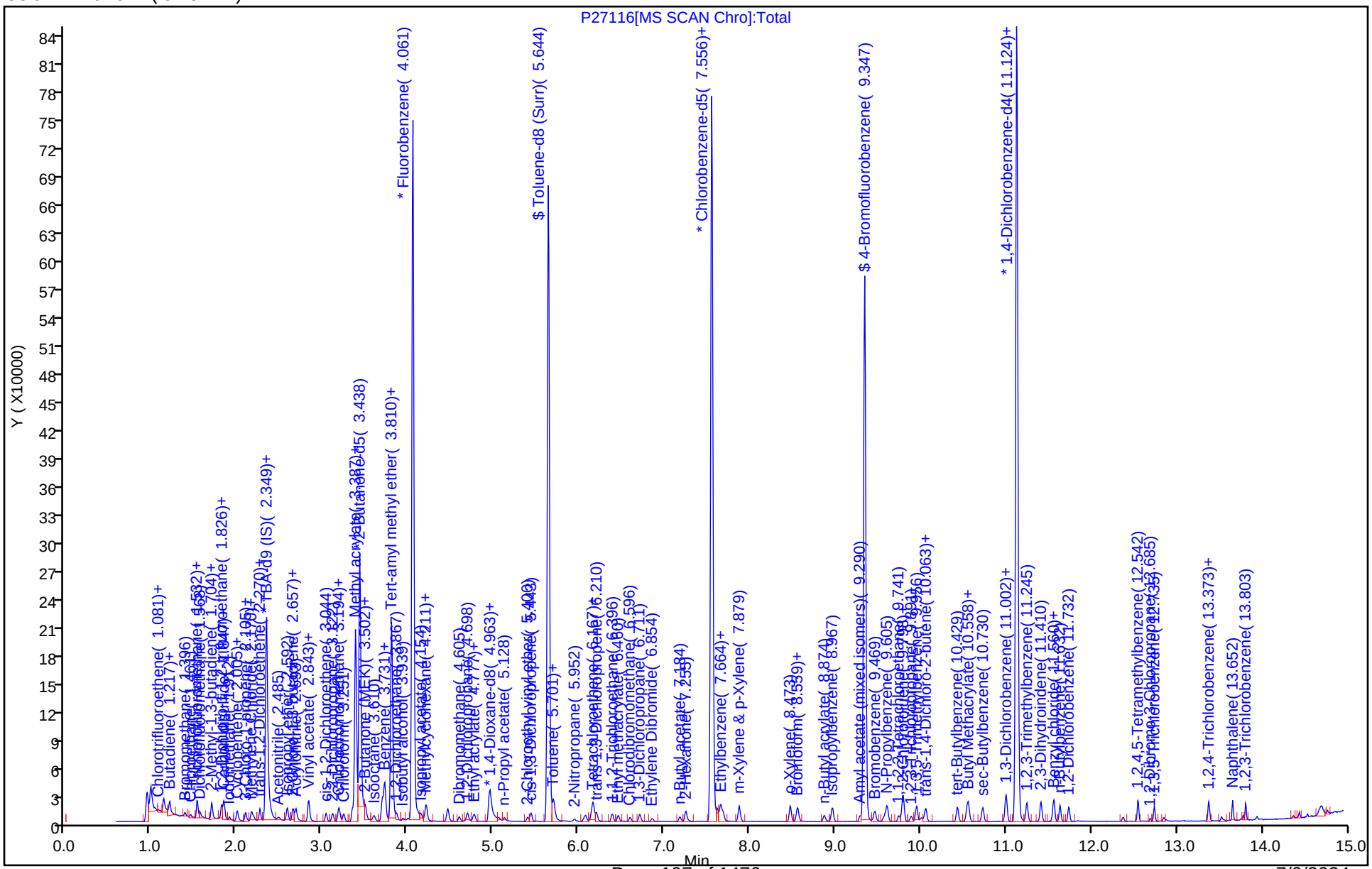
Lims ID: STD1 Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



7/9/2024
8:32:15 AM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20240503-175422.b\P27117.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 03-May-2024 07:21:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0175422-005
Operator ID: Instrument ID: CVOAMS13
Sublist: chrom-8260W_13*sub74

Method: \\chromfs\Edison\ChromData\CVOAMS13\20240503-175422.b\8260W_13.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 05-May-2024 12:51:25 Calib Date: 03-May-2024 14:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20240503-175422.b\P27135.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1683

First Level Reviewer: W9CM Date: 03-May-2024 10:08:02

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
173 Chlorotrifluoroethene	116	1.045	1.045	0.000	87	5185	5.00	5.25	
3 Dichlorodifluoromethane	85	1.052	1.052	0.000	99	17634	5.00	4.12	
168 Chlorodifluoromethane	51	1.095	1.095	0.000	96	33535	5.00	5.45	
7 Vinyl chloride	62	1.210	1.210	0.000	98	19298	5.00	5.27	
6 Chloromethane	50	1.217	1.210	0.007	72	25741	5.00	5.18	
175 Butadiene	54	1.217	1.217	0.000	99	16335	5.00	5.02	
9 Bromomethane	94	1.389	1.389	0.000	98	11993	5.00	5.47	
10 Chloroethane	64	1.461	1.454	0.007	100	12108	5.00	5.97	
11 Pentane	72	1.532	1.525	0.007	97	5330	10.0	10.9	
12 Trichlorofluoromethane	101	1.540	1.532	0.008	61	21867	5.00	5.32	
177 Dichlorofluoromethane	67	1.568	1.568	0.000	99	31424	5.00	5.28	
14 2-Methyl-1,3-butadiene	67	1.704	1.697	0.007	97	22326	5.00	5.17	
15 Ethyl ether	59	1.711	1.711	0.000	94	13832	5.00	5.21	
16 Ethanol	46	1.797	1.805	-0.007	99	3171	200.0	221.9	a
170 1,2-Dichloro-1,1,2-trifluoroetha	69	1.819	1.819	0.000	94	6237	5.00	5.31	
17 1,1-Dichloroethene	96	1.826	1.819	0.007	98	13077	5.00	5.08	
19 Carbon disulfide	76	1.848	1.840	0.008	100	44640	5.00	4.85	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.848	1.847	0.001	70	12683	5.00	5.13	
174 1,1,1-Trifluoro-2,2-dichloroetha	83	1.855	1.855	0.000	95	22292	5.00	5.45	
22 Iodomethane	142	1.912	1.912	0.000	99	24622	5.00	5.29	
169 Cyclopentene	67	2.005	1.998	0.007	97	31840	5.00	5.09	
24 Acrolein	56	2.019	2.019	0.000	96	8897	20.0	19.1	
164 3-Chloro-1-propene	76	2.105	2.098	0.007	28	8599	5.00	4.91	a
26 Isopropyl alcohol	45	2.120	2.127	-0.007	97	7213	50.0	50.8	
27 Methylene Chloride	84	2.170	2.170	0.000	96	17575	5.00	5.12	
28 Acetone	43	2.191	2.191	0.000	87	17694	25.0	24.9	
29 trans-1,2-Dichloroethene	96	2.270	2.270	0.000	97	15618	5.00	5.20	
30 Methyl acetate	74	2.270	2.270	0.000	99	4150	10.0	10.2	
31 Hexane	86	2.328	2.320	0.008	95	3493	5.00	5.18	
32 Methyl tert-butyl ether	73	2.342	2.335	0.007	87	46186	5.00	5.04	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 33 TBA-d9 (IS)	65	2.349	2.356	-0.007	100	253729	1000.0	1000.0	
34 2-Methyl-2-propanol	59	2.399	2.399	0.000	98	12921	50.0	52.2	
35 Acetonitrile	41	2.485	2.485	0.000	98	18400	50.0	54.0	
36 Isopropyl ether	45	2.593	2.585	0.008	96	52869	5.00	5.14	
37 2-Chloro-1,3-butadiene	88	2.650	2.650	0.000	91	14115	5.00	5.21	
38 1,1-Dichloroethane	63	2.664	2.664	0.000	100	28774	5.00	5.06	
39 Acrylonitrile	53	2.693	2.693	0.000	90	52287	50.0	45.3	a
41 Vinyl acetate	43	2.836	2.836	0.000	99	70662	10.0	9.73	
40 Tert-butyl ethyl ether	59	2.836	2.836	0.000	61	51171	5.00	5.04	
42 cis-1,2-Dichloroethene	96	3.044	3.044	0.000	96	16725	5.00	5.13	
43 2,2-Dichloropropane	97	3.123	3.123	0.001	98	4706	5.00	5.04	
45 Chlorobromomethane	128	3.187	3.187	0.000	91	7946	5.00	5.01	
44 Cyclohexane	56	3.201	3.194	0.007	92	25474	5.00	5.12	
46 Chloroform	83	3.252	3.251	0.001	98	26567	5.00	5.04	
48 Ethyl acetate	70	3.345	3.345	0.000	100	3554	10.0	10.3	
49 Methyl acrylate	55	3.352	3.345	0.007	98	14515	5.00	5.06	
47 Carbon tetrachloride	117	3.359	3.352	0.007	97	17360	5.00	4.85	
50 Tetrahydrofuran	42	3.373	3.366	0.007	87	10250	10.0	9.44	M
$ 51 Dibromofluoromethane (Surr)	113	3.388	3.388	0.000	96	108957	50.0	49.0	
52 1,1,1-Trichloroethane	97	3.402	3.402	0.000	97	22949	5.00	5.14	
* 53 2-Butanone-d5	46	3.438	3.438	0.000	99	325582	250.0	250.0	
54 2-Butanone (MEK)	72	3.481	3.481	0.000	100	9787	25.0	26.1	
55 1,1-Dichloropropene	110	3.509	3.502	0.007	96	7780	5.00	5.09	
56 Isooctane	57	3.603	3.602	0.001	98	35628	5.00	5.23	
57 n-Heptane	57	3.696	3.696	0.000	89	9092	5.00	5.26	
58 Benzene	78	3.703	3.703	0.000	97	65956	5.00	5.22	
59 Propionitrile	54	3.710	3.710	0.000	95	19038	50.0	50.1	
60 Methacrylonitrile	67	3.731	3.731	0.000	93	65580	50.0	50.2	
62 Tert-amyl methyl ether	73	3.817	3.810	0.007	98	47009	5.00	5.02	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.810	3.810	0.000	0	132043	50.0	49.1	
63 1,2-Dichloroethane	62	3.868	3.867	0.001	97	21641	5.00	5.05	
64 Isobutyl alcohol	43	3.932	3.925	0.007	96	13042	125.0	126.6	
* 66 Fluorobenzene	96	4.061	4.061	0.000	98	621919	50.0	50.0	
67 Isopropyl acetate	43	4.118	4.111	0.007	99	29220	5.00	5.00	
68 Methylcyclohexane	83	4.211	4.211	0.000	95	23411	5.00	5.08	
69 Trichloroethene	130	4.219	4.218	0.001	97	16741	5.00	5.25	
72 n-Butanol	56	4.598	4.577	0.021	46	7406	125.0	107.9	
71 Dibromomethane	93	4.598	4.598	0.000	97	10221	5.00	5.17	
73 1,2-Dichloropropane	63	4.698	4.698	0.000	90	17233	5.00	5.16	
74 Ethyl acrylate	55	4.756	4.756	0.000	98	20166	5.00	4.89	
75 Dichlorobromomethane	83	4.777	4.777	0.000	99	19213	5.00	4.85	
* 76 1,4-Dioxane-d8	96	4.956	4.956	0.000	88	32965	1000.0	1000.0	
77 Methyl methacrylate	100	4.964	4.963	0.001	90	8599	10.0	10.0	
78 1,4-Dioxane	88	4.985	4.985	0.000	92	3759	100.0	117.1	
79 n-Propyl acetate	43	5.128	5.121	0.007	99	21317	5.00	4.92	
80 2-Chloroethyl vinyl ether	63	5.400	5.400	0.000	97	10496	5.01	4.82	
81 cis-1,3-Dichloropropene	75	5.443	5.436	0.007	95	27011	5.00	4.96	
S 176 1,3-Dichloropropene, Total	1				0		10.0	9.83	
$ 82 Toluene-d8 (Surr)	98	5.644	5.644	0.000	99	489220	50.0	49.4	
83 Toluene	91	5.701	5.701	0.000	94	70381	5.00	5.20	
84 Epichlorohydrin	57	5.716	5.716	0.000	100	31462	100.0	93.9	
85 2-Nitropropane	41	5.945	5.945	0.000	97	7654	10.0	9.16	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 Tetrachloroethene	166	6.153	6.152	0.001	98	16017	5.00	5.15	
87 4-Methyl-2-pentanone (MIBK)	43	6.167	6.167	0.000	97	71164	25.0	25.4	
88 trans-1,3-Dichloropropene	75	6.210	6.203	0.007	98	24288	5.00	4.88	
89 1,1,2-Trichloroethane	83	6.389	6.389	0.000	95	12095	5.00	5.09	
90 Ethyl methacrylate	69	6.461	6.453	0.008	90	21043	5.00	4.88	
91 Chlorodibromomethane	129	6.604	6.597	0.007	97	13965	5.00	4.71	
92 1,3-Dichloropropane	76	6.711	6.711	0.000	95	26693	5.00	5.23	
93 Ethylene Dibromide	107	6.855	6.854	0.001	99	14637	5.00	5.03	
94 n-Butyl acetate	43	7.177	7.177	0.000	99	22486	5.00	5.01	
95 2-Hexanone	43	7.249	7.241	0.007	96	49301	25.0	25.3	
* 96 Chlorobenzene-d5	117	7.557	7.556	0.001	87	475180	50.0	50.0	
97 Chlorobenzene	112	7.578	7.578	0.000	94	44522	5.00	5.11	
98 Ethylbenzene	106	7.657	7.664	-0.007	98	23979	5.00	5.21	
99 1,1,1,2-Tetrachloroethane	131	7.693	7.693	0.000	95	14062	5.00	4.91	
100 m-Xylene & p-Xylene	106	7.872	7.872	0.000	0	28818	5.00	5.09	
101 o-Xylene	106	8.473	8.473	0.000	94	27967	5.00	5.11	
102 Bromoform	173	8.545	8.545	0.000	93	8760	5.00	4.50	
103 Styrene	104	8.559	8.559	0.000	95	46913	5.00	5.06	
104 n-Butyl acrylate	73	8.867	8.867	0.000	96	10983	5.00	4.78	
105 Isopropylbenzene	105	8.968	8.968	0.000	96	65900	5.00	5.19	
106 Amyl acetate (mixed isomers)	43	9.283	9.283	0.000	90	27164	5.00	4.99	
$ 107 4-Bromofluorobenzene	174	9.347	9.347	0.000	88	195015	50.0	49.1	
108 Bromobenzene	156	9.462	9.462	0.000	98	18878	5.00	5.02	
109 N-Propylbenzene	91	9.605	9.605	0.000	99	83143	5.00	5.15	
110 1,1,2,2-Tetrachloroethane	83	9.741	9.741	0.000	98	18240	5.00	5.06	
111 2-Chlorotoluene	91	9.791	9.791	0.000	97	58921	5.00	5.11	
172 4-Ethyltoluene	105	9.799	9.798	0.001	98	71554	5.00	5.15	
113 1,2,3-Trichloropropane	110	9.892	9.892	0.000	97	5643	5.00	5.10	
114 1,3,5-Trimethylbenzene	105	9.949	9.956	-0.007	93	60406	5.00	5.20	
115 trans-1,4-Dichloro-2-butene	53	9.999	9.999	0.000	88	6070	5.00	4.99	
116 4-Chlorotoluene	91	10.056	10.056	0.000	98	54912	5.00	5.13	
117 tert-Butylbenzene	119	10.429	10.429	0.000	94	48749	5.00	5.10	
119 Butyl Methacrylate	87	10.536	10.536	0.000	95	20710	5.00	4.83	
118 1,2,4-Trimethylbenzene	105	10.558	10.558	0.000	98	63113	5.00	5.13	
120 sec-Butylbenzene	105	10.730	10.730	0.000	99	71615	5.00	5.27	
121 1,3-Dichlorobenzene	146	10.995	10.995	0.000	95	35177	5.00	5.15	
122 4-Isopropyltoluene	119	11.002	11.002	0.000	98	62483	5.00	5.25	
* 123 1,4-Dichlorobenzene-d4	152	11.131	11.131	0.000	96	271311	50.0	50.0	
124 1,4-Dichlorobenzene	146	11.145	11.152	-0.007	94	35881	5.00	5.11	
125 1,2,3-Trimethylbenzene	105	11.245	11.245	0.000	99	67394	5.00	5.17	
165 2,3-Dihydroindene	117	11.410	11.410	0.000	0	64422	5.00	5.23	
127 Benzyl chloride	126	11.546	11.546	0.000	97	6986	5.00	4.48	
167 p-Diethylbenzene	119	11.561	11.561	0.000	93	36678	5.00	5.19	
129 n-Butylbenzene	91	11.632	11.632	0.000	98	54593	5.00	5.28	
130 1,2-Dichlorobenzene	146	11.733	11.732	0.001	95	34599	5.00	5.21	
166 1,2,4,5-Tetramethylbenzene	119	12.542	12.542	0.000	97	57580	5.00	5.22	
132 1,2-Dibromo-3-Chloropropane	157	12.685	12.685	0.000	94	3521	5.00	4.79	
133 1,3,5-Trichlorobenzene	180	12.735	12.735	0.000	97	22972	5.00	5.31	
134 1,2,4-Trichlorobenzene	180	13.366	13.366	0.000	94	20520	5.00	5.16	
135 Hexachlorobutadiene	225	13.380	13.380	0.000	93	7314	5.00	5.36	
136 Naphthalene	128	13.652	13.645	0.007	99	57994	5.00	5.17	
137 1,2,3-Trichlorobenzene	180	13.803	13.803	0.000	94	18679	5.00	5.22	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 138 1,2-Dichloroethene, Total	100				0		10.0	10.3	
S 140 Xylenes, Total	100				0		10.0	10.2	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN W_00168	Amount Added: 4.00	Units: uL		
GASES Li_00581	Amount Added: 10.00	Units: uL		
8260MIX1COMB_00187	Amount Added: 10.00	Units: uL		
524FREONS_00018	Amount Added: 10.00	Units: uL		
8260ISNEW_00155	Amount Added: 1.00	Units: uL	Run Reagent	
8260SURR250_00246	Amount Added: 1.00	Units: uL	Run Reagent	

Report Date: 05-May-2024 12:51:25 Chrom Revision: 2.3 26-Apr-2024 12:18:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20240503-175422.b\P27117.D

Injection Date: 03-May-2024 07:21:30 Instrument ID: CVOAMS13 Operator ID:

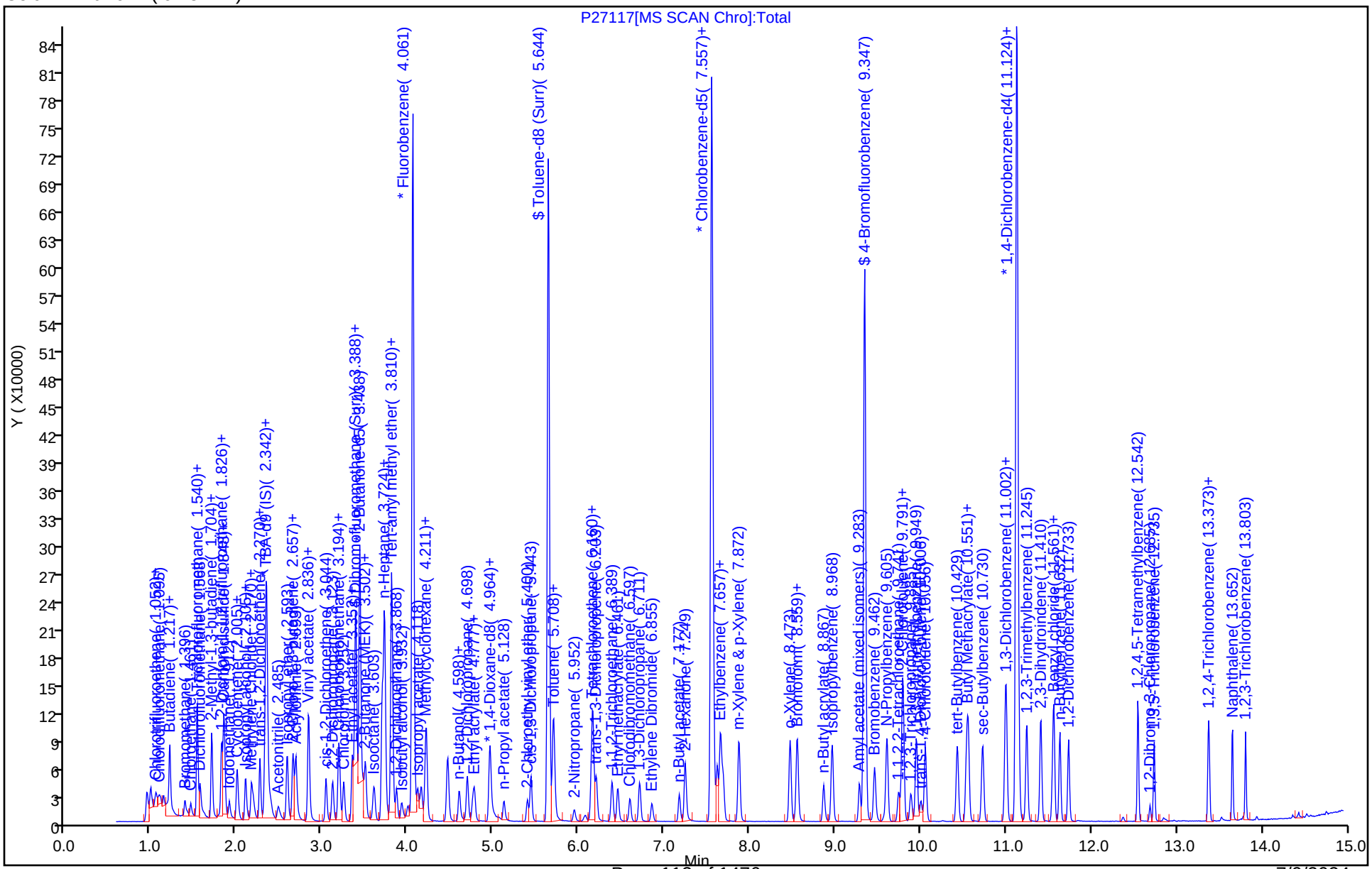
Lims ID: STD5 Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



7/9/2024
8:32:15 AM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20240503-175422.b\P27118.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 03-May-2024 07:43:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0175422-006
Operator ID: Instrument ID: CVOAMS13
Sublist: chrom-8260W_13*sub74

Method: \\chromfs\Edison\ChromData\CVOAMS13\20240503-175422.b\8260W_13.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 05-May-2024 12:51:31 Calib Date: 03-May-2024 14:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20240503-175422.b\P27135.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1683

First Level Reviewer: W9CM Date: 03-May-2024 10:10:33

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
173 Chlorotrifluoroethene	116	1.045	1.045	0.000	88	17448	20.0	17.6	
3 Dichlorodifluoromethane	85	1.052	1.052	0.000	99	57315	20.0	13.3	
168 Chlorodifluoromethane	51	1.095	1.095	0.000	96	120129	20.0	19.4	
7 Vinyl chloride	62	1.210	1.210	0.000	98	69723	20.0	19.0	
6 Chloromethane	50	1.210	1.210	0.000	99	94268	20.0	18.9	
175 Butadiene	54	1.217	1.217	0.000	97	57481	20.0	17.6	
9 Bromomethane	94	1.389	1.389	0.000	99	45331	20.0	20.3	
10 Chloroethane	64	1.461	1.461	0.000	99	47664	20.0	23.4	
11 Pentane	72	1.532	1.532	0.000	97	19274	40.0	38.8	
12 Trichlorofluoromethane	101	1.532	1.532	0.000	60	78044	20.0	18.9	
177 Dichlorofluoromethane	67	1.568	1.568	0.000	99	119843	20.0	20.1	
14 2-Methyl-1,3-butadiene	67	1.704	1.704	0.000	97	83532	20.0	19.3	
15 Ethyl ether	59	1.711	1.711	0.000	95	51937	20.0	19.5	
16 Ethanol	46	1.797	1.797	0.000	99	12620	800.0	868.7	a
170 1,2-Dichloro-1,1,2-trifluoroetha	69	1.819	1.819	0.000	97	22094	20.0	18.7	
17 1,1-Dichloroethene	96	1.826	1.826	0.000	98	50163	20.0	19.4	
19 Carbon disulfide	76	1.847	1.847	0.000	100	180002	20.0	19.5	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.847	1.847	0.000	88	44524	20.0	17.9	
174 1,1,1-Trifluoro-2,2-dichloroetha	83	1.855	1.855	0.000	96	81250	20.0	19.8	
22 Iodomethane	142	1.912	1.912	0.000	98	93192	20.0	19.9	
169 Cyclopentene	67	2.005	2.005	0.000	97	118018	20.0	18.8	
24 Acrolein	56	2.019	2.019	0.000	96	18266	40.0	38.5	
164 3-Chloro-1-propene	76	2.105	2.105	0.000	46	35402	20.0	20.1	
26 Isopropyl alcohol	45	2.120	2.120	0.000	98	28229	200.0	195.7	
27 Methylene Chloride	84	2.170	2.170	0.000	94	64964	20.0	18.8	
28 Acetone	43	2.191	2.191	0.000	86	69871	100.0	94.6	
29 trans-1,2-Dichloroethene	96	2.270	2.270	0.000	97	58744	20.0	19.5	
30 Methyl acetate	74	2.270	2.270	0.000	84	16752	40.0	40.3	
31 Hexane	86	2.327	2.327	0.000	91	12237	20.0	18.1	
32 Methyl tert-butyl ether	73	2.334	2.334	0.000	89	181581	20.0	19.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 33 TBA-d9 (IS)	65	2.349	2.349	0.000	100	257977	1000.0	1000.0	
34 2-Methyl-2-propanol	59	2.399	2.399	0.000	99	51805	200.0	205.6	
35 Acetonitrile	41	2.485	2.485	0.000	98	73060	200.0	211.0	
36 Isopropyl ether	45	2.585	2.585	0.000	96	210319	20.0	20.4	
37 2-Chloro-1,3-butadiene	88	2.650	2.650	0.000	91	52762	20.0	19.4	
38 1,1-Dichloroethane	63	2.664	2.664	0.000	100	114824	20.0	20.1	
39 Acrylonitrile	53	2.693	2.693	0.000	93	217040	200.0	187.4	a
41 Vinyl acetate	43	2.836	2.836	0.000	99	281217	40.0	38.6	
40 Tert-butyl ethyl ether	59	2.836	2.836	0.000	60	202636	20.0	19.9	
42 cis-1,2-Dichloroethene	96	3.044	3.044	0.000	95	64694	20.0	19.8	
43 2,2-Dichloropropane	97	3.122	3.122	0.000	98	18679	20.0	19.9	
45 Chlorobromomethane	128	3.187	3.187	0.000	93	31453	20.0	19.7	
44 Cyclohexane	56	3.201	3.201	0.000	92	92899	20.0	18.6	
46 Chloroform	83	3.251	3.251	0.000	98	104947	20.0	19.8	
48 Ethyl acetate	70	3.344	3.344	0.000	99	14180	40.0	39.5	
49 Methyl acrylate	55	3.344	3.344	0.000	98	57408	20.0	19.9	
47 Carbon tetrachloride	117	3.359	3.359	0.000	98	68231	20.0	19.0	
50 Tetrahydrofuran	42	3.366	3.366	0.000	90	45827	40.0	40.7	
$ 51 Dibromofluoromethane (Surr)	113	3.387	3.387	0.000	96	111738	50.0	50.1	
52 1,1,1-Trichloroethane	97	3.402	3.402	0.000	96	88139	20.0	19.7	
* 53 2-Butanone-d5	46	3.438	3.438	0.000	99	337858	250.0	250.0	
54 2-Butanone (MEK)	72	3.481	3.481	0.000	100	38686	100.0	99.6	
55 1,1-Dichloropropene	110	3.502	3.502	0.000	97	29604	20.0	19.3	
56 Isooctane	57	3.602	3.602	0.000	98	124868	20.0	18.3	
57 n-Heptane	57	3.695	3.695	0.000	87	30575	20.0	17.6	
58 Benzene	78	3.703	3.703	0.000	96	256527	20.0	20.1	
59 Propionitrile	54	3.710	3.710	0.000	97	79065	200.0	204.7	
60 Methacrylonitrile	67	3.731	3.731	0.000	93	265220	200.0	202.3	
62 Tert-amyl methyl ether	73	3.817	3.817	0.000	99	188551	20.0	20.1	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.810	3.810	0.000	0	131727	50.0	48.8	
63 1,2-Dichloroethane	62	3.867	3.867	0.000	98	85766	20.0	19.9	
64 Isobutyl alcohol	43	3.925	3.925	0.000	97	55014	500.0	525.2	
* 66 Fluorobenzene	96	4.061	4.061	0.000	98	624391	50.0	50.0	
67 Isopropyl acetate	43	4.118	4.118	0.000	99	118139	20.0	20.2	
68 Methylcyclohexane	83	4.211	4.211	0.000	96	84308	20.0	18.2	
69 Trichloroethene	130	4.218	4.218	0.000	98	64472	20.0	20.1	
72 n-Butanol	56	4.584	4.584	0.000	90	35693	500.0	511.3	
71 Dibromomethane	93	4.598	4.598	0.000	97	39854	20.0	20.1	
73 1,2-Dichloropropane	63	4.698	4.698	0.000	89	67064	20.0	20.0	
74 Ethyl acrylate	55	4.756	4.756	0.000	98	80967	20.0	19.6	
75 Dichlorobromomethane	83	4.777	4.777	0.000	99	78240	20.0	19.7	
* 76 1,4-Dioxane-d8	96	4.956	4.956	0.000	70	34540	1000.0	1000.0	
77 Methyl methacrylate	100	4.963	4.963	0.000	91	33681	40.0	39.0	
78 1,4-Dioxane	88	4.985	4.985	0.000	93	14002	400.0	416.5	
79 n-Propyl acetate	43	5.121	5.121	0.000	99	87325	20.0	20.1	
80 2-Chloroethyl vinyl ether	63	5.400	5.400	0.000	96	43523	20.0	19.9	
81 cis-1,3-Dichloropropene	75	5.443	5.443	0.000	94	112164	20.0	20.4	
S 176 1,3-Dichloropropene, Total	1				0		40.0	40.5	
$ 82 Toluene-d8 (Surr)	98	5.644	5.644	0.000	99	499062	50.0	49.9	
83 Toluene	91	5.701	5.701	0.000	93	273221	20.0	20.0	
84 Epichlorohydrin	57	5.715	5.715	0.000	100	129828	400.0	373.4	
85 2-Nitropropane	41	5.945	5.945	0.000	99	34192	40.0	40.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 Tetrachloroethene	166	6.152	6.152	0.000	98	62591	20.0	19.9	
87 4-Methyl-2-pentanone (MIBK)	43	6.167	6.167	0.000	97	295256	100.0	101.6	
88 trans-1,3-Dichloropropene	75	6.203	6.203	0.000	98	100946	20.0	20.1	
89 1,1,2-Trichloroethane	83	6.389	6.389	0.000	95	48385	20.0	20.2	
90 Ethyl methacrylate	69	6.453	6.453	0.000	89	87173	20.0	20.2	
91 Chlorodibromomethane	129	6.596	6.596	0.000	98	58933	20.0	19.7	
92 1,3-Dichloropropane	76	6.711	6.711	0.000	95	103757	20.0	20.2	
93 Ethylene Dibromide	107	6.854	6.854	0.000	99	58320	20.0	19.9	
94 n-Butyl acetate	43	7.177	7.177	0.000	98	92044	20.0	20.3	
95 2-Hexanone	43	7.241	7.241	0.000	97	204379	100.0	101.2	
* 96 Chlorobenzene-d5	117	7.556	7.556	0.000	88	479660	50.0	50.0	
97 Chlorobenzene	112	7.578	7.578	0.000	95	177652	20.0	20.2	
98 Ethylbenzene	106	7.657	7.657	0.000	98	93791	20.0	20.2	
99 1,1,1,2-Tetrachloroethane	131	7.692	7.692	0.000	94	58511	20.0	20.3	
100 m-Xylene & p-Xylene	106	7.872	7.872	0.000	0	114659	20.0	20.1	
101 o-Xylene	106	8.473	8.473	0.000	94	111818	20.0	20.3	
102 Bromoform	173	8.545	8.545	0.000	96	37591	20.0	19.1	
103 Styrene	104	8.559	8.559	0.000	95	192267	20.0	20.6	
104 n-Butyl acrylate	73	8.867	8.867	0.000	96	46980	20.0	20.3	
105 Isopropylbenzene	105	8.967	8.967	0.000	96	261826	20.0	20.4	
106 Amyl acetate (mixed isomers)	43	9.283	9.283	0.000	91	113864	20.0	20.6	
$ 107 4-Bromofluorobenzene	174	9.347	9.347	0.000	88	201209	50.0	50.2	
108 Bromobenzene	156	9.462	9.462	0.000	98	75374	20.0	19.8	
109 N-Propylbenzene	91	9.605	9.605	0.000	99	335066	20.0	20.5	
110 1,1,2,2-Tetrachloroethane	83	9.741	9.741	0.000	98	72756	20.0	19.9	
111 2-Chlorotoluene	91	9.791	9.791	0.000	96	238330	20.0	20.4	
172 4-Ethyltoluene	105	9.798	9.798	0.000	98	287502	20.0	20.4	
113 1,2,3-Trichloropropane	110	9.884	9.884	0.000	98	22742	20.0	20.2	
114 1,3,5-Trimethylbenzene	105	9.949	9.949	0.000	93	241659	20.0	20.5	
115 trans-1,4-Dichloro-2-butene	53	9.999	9.999	0.000	91	24923	20.0	20.2	
116 4-Chlorotoluene	91	10.056	10.056	0.000	98	216108	20.0	19.9	
117 tert-Butylbenzene	119	10.429	10.429	0.000	94	198856	20.0	20.5	
119 Butyl Methacrylate	87	10.536	10.536	0.000	95	89749	20.0	20.6	
118 1,2,4-Trimethylbenzene	105	10.558	10.558	0.000	97	256528	20.0	20.6	
120 sec-Butylbenzene	105	10.730	10.730	0.000	99	283793	20.0	20.6	
121 1,3-Dichlorobenzene	146	10.995	10.995	0.000	95	140937	20.0	20.4	
122 4-Isopropyltoluene	119	11.002	11.002	0.000	98	252363	20.0	20.9	
* 123 1,4-Dichlorobenzene-d4	152	11.131	11.131	0.000	96	275160	50.0	50.0	
124 1,4-Dichlorobenzene	146	11.152	11.152	0.000	97	144381	20.0	20.3	
125 1,2,3-Trimethylbenzene	105	11.245	11.245	0.000	99	273161	20.0	20.7	
165 2,3-Dihydroindene	117	11.410	11.410	0.000	0	258232	20.0	20.7	
127 Benzyl chloride	126	11.546	11.546	0.000	97	31521	20.0	19.9	
167 p-Diethylbenzene	119	11.560	11.560	0.000	94	149947	20.0	20.9	
129 n-Butylbenzene	91	11.632	11.632	0.000	98	216790	20.0	20.7	
130 1,2-Dichlorobenzene	146	11.732	11.732	0.000	95	136766	20.0	20.3	
166 1,2,4,5-Tetramethylbenzene	119	12.542	12.542	0.000	97	239550	20.0	21.4	
132 1,2-Dibromo-3-Chloropropane	157	12.685	12.685	0.000	95	14888	20.0	20.0	
133 1,3,5-Trichlorobenzene	180	12.735	12.735	0.000	97	92048	20.0	21.0	
134 1,2,4-Trichlorobenzene	180	13.366	13.366	0.000	94	85252	20.0	21.1	
135 Hexachlorobutadiene	225	13.380	13.380	0.000	94	28742	20.0	20.8	
136 Naphthalene	128	13.652	13.652	0.000	99	232641	20.0	20.4	
137 1,2,3-Trichlorobenzene	180	13.803	13.803	0.000	95	76965	20.0	21.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 138 1,2-Dichloroethene, Total	100				0		40.0	39.3	
S 140 Xylenes, Total	100				0		40.0	40.3	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

ACROLEIN W_00168	Amount Added:	4.00	Units: uL	
GASES Li_00581	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00187	Amount Added:	20.00	Units: uL	
524FREONS_00018	Amount Added:	20.00	Units: uL	
8260ISNEW_00155	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00246	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 05-May-2024 12:51:32 Chrom Revision: 2.3 26-Apr-2024 12:18:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20240503-175422.b\P27118.D

Injection Date: 03-May-2024 07:43:30 Instrument ID: CVOAMS13 Operator ID:

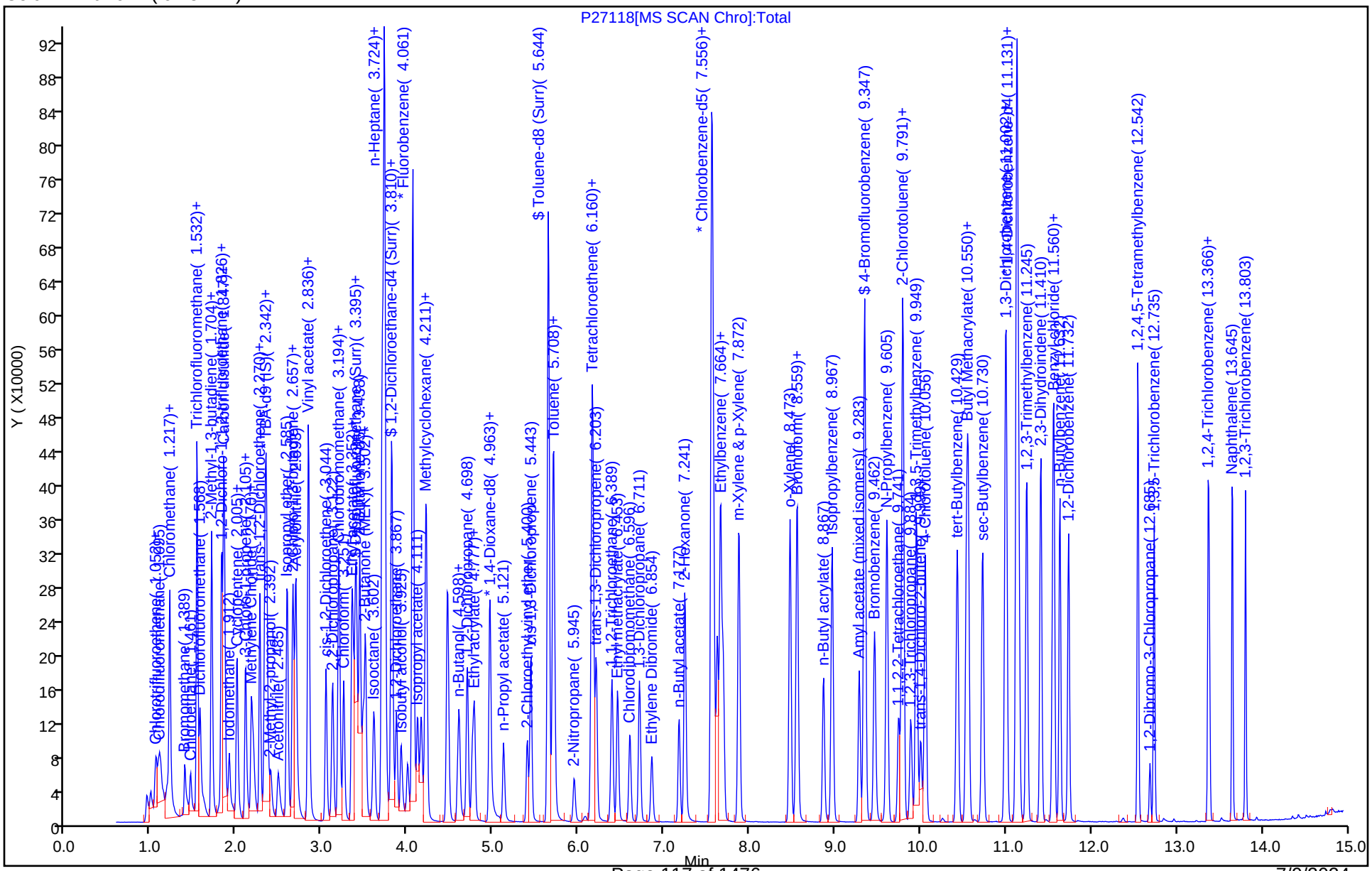
Lims ID: STD20 Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 5

Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



7/9/2024
8:32:15 AM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20240503-175422.b\P27119.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 03-May-2024 08:05:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0175422-007
Operator ID: Instrument ID: CVOAMS13
Sublist: chrom-8260W_13*sub74

Method: \\chromfs\Edison\ChromData\CVOAMS13\20240503-175422.b\8260W_13.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 05-May-2024 12:51:37 Calib Date: 03-May-2024 14:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20240503-175422.b\P27135.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1683

First Level Reviewer: RD6L Date: 03-May-2024 09:54:49

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
173 Chlorotrifluoroethene	116	1.045	1.045	0.000	88	47242	50.0	46.8	
3 Dichlorodifluoromethane	85	1.052	1.052	0.000	99	157367	50.0	35.9	
168 Chlorodifluoromethane	51	1.095	1.095	0.000	99	309172	50.0	49.1	
7 Vinyl chloride	62	1.210	1.210	0.000	99	176509	50.0	47.2	
6 Chloromethane	50	1.210	1.210	0.000	99	237426	50.0	46.8	
175 Butadiene	54	1.217	1.217	0.000	98	150805	50.0	45.3	
9 Bromomethane	94	1.389	1.389	0.000	99	105368	50.0	46.1	
10 Chloroethane	64	1.454	1.454	0.000	100	95944	50.0	46.3	
11 Pentane	72	1.525	1.525	0.000	96	52201	100.0	102.2	
12 Trichlorofluoromethane	101	1.532	1.532	0.000	59	203153	50.0	48.3	
177 Dichlorofluoromethane	67	1.568	1.568	0.000	99	299536	50.0	49.2	
14 2-Methyl-1,3-butadiene	67	1.697	1.697	0.000	97	214699	50.0	48.7	
15 Ethyl ether	59	1.711	1.711	0.000	93	130966	50.0	48.3	
16 Ethanol	46	1.805	1.805	0.000	99	31694	2000.0	2124.2	a
170 1,2-Dichloro-1,1,2-trifluoroetha	69	1.819	1.819	0.000	97	57932	50.0	48.3	
17 1,1-Dichloroethene	96	1.819	1.819	0.000	98	127250	50.0	48.4	
19 Carbon disulfide	76	1.840	1.840	0.000	100	459790	50.0	48.9	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.847	1.847	0.000	54	124663	50.0	49.3	
174 1,1,1-Trifluoro-2,2-dichloroetha	83	1.855	1.855	0.000	95	198691	50.0	47.6	
22 Iodomethane	142	1.912	1.912	0.000	98	232505	50.0	48.9	
169 Cyclopentene	67	1.998	1.998	0.000	97	309978	50.0	48.4	
24 Acrolein	56	2.019	2.019	0.000	95	50133	100.0	103.0	
164 3-Chloro-1-propene	76	2.098	2.098	0.000	46	90754	50.0	50.7	
26 Isopropyl alcohol	45	2.127	2.127	0.000	97	74258	500.0	501.1	
27 Methylene Chloride	84	2.170	2.170	0.000	94	164740	50.0	46.9	
28 Acetone	43	2.191	2.191	0.000	86	177250	250.0	234.8	
29 trans-1,2-Dichloroethene	96	2.270	2.270	0.000	99	151171	50.0	49.2	
30 Methyl acetate	74	2.270	2.270	0.000	100	42203	100.0	98.9	
31 Hexane	86	2.320	2.320	0.000	94	32766	50.0	47.5	
32 Methyl tert-butyl ether	73	2.335	2.335	0.000	95	459153	50.0	49.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 33 TBA-d9 (IS)	65	2.356	2.356	0.000	100	264949	1000.0	1000.0	
34 2-Methyl-2-propanol	59	2.399	2.399	0.000	99	129723	500.0	501.4	
35 Acetonitrile	41	2.485	2.485	0.000	98	188344	500.0	529.6	
36 Isopropyl ether	45	2.585	2.585	0.000	96	531698	50.0	50.6	
37 2-Chloro-1,3-butadiene	88	2.650	2.650	0.000	92	136427	50.0	49.3	
38 1,1-Dichloroethane	63	2.664	2.664	0.000	100	290521	50.0	49.9	
39 Acrylonitrile	53	2.693	2.693	0.000	92	560628	500.0	475.5	a
41 Vinyl acetate	43	2.836	2.836	0.000	99	729804	100.0	98.3	
40 Tert-butyl ethyl ether	59	2.836	2.836	0.000	60	517086	50.0	49.8	
42 cis-1,2-Dichloroethene	96	3.044	3.044	0.000	95	165615	50.0	49.7	
43 2,2-Dichloropropane	97	3.123	3.123	0.000	98	46529	50.0	48.8	
45 Chlorobromomethane	128	3.187	3.187	0.000	95	80420	50.0	49.6	
44 Cyclohexane	56	3.194	3.194	0.000	91	248222	50.0	48.8	
46 Chloroform	83	3.251	3.251	0.000	98	267279	50.0	49.6	
48 Ethyl acetate	70	3.345	3.345	0.000	99	36382	100.0	99.2	
49 Methyl acrylate	55	3.345	3.345	0.000	98	147386	50.0	50.3	
47 Carbon tetrachloride	117	3.352	3.352	0.000	99	179212	50.0	49.0	
50 Tetrahydrofuran	42	3.366	3.366	0.000	91	117648	100.0	102.1	
$ 51 Dibromofluoromethane (Surr)	113	3.388	3.388	0.000	97	110785	50.0	48.8	
52 1,1,1-Trichloroethane	97	3.402	3.402	0.000	99	223972	50.0	49.1	
* 53 2-Butanone-d5	46	3.438	3.438	0.000	99	345381	250.0	250.0	
54 2-Butanone (MEK)	72	3.481	3.481	0.000	100	96294	250.0	242.4	
55 1,1-Dichloropropene	110	3.502	3.502	0.000	97	74264	50.0	47.5	
56 Isooctane	57	3.602	3.602	0.000	98	339895	50.0	48.8	
57 n-Heptane	57	3.696	3.696	0.000	79	83169	50.0	47.1	
58 Benzene	78	3.703	3.703	0.000	96	649584	50.0	49.8	
59 Propionitrile	54	3.710	3.710	0.000	97	205983	500.0	519.3	
60 Methacrylonitrile	67	3.731	3.731	0.000	93	677081	500.0	507.3	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.810	3.810	0.000	0	130651	50.0	47.6	
62 Tert-amyl methyl ether	73	3.810	3.810	0.000	99	477814	50.0	50.0	
63 1,2-Dichloroethane	62	3.867	3.867	0.000	98	218136	50.0	49.8	
64 Isobutyl alcohol	43	3.925	3.925	0.000	96	149334	1250.0	1388.0	
* 66 Fluorobenzene	96	4.061	4.061	0.000	98	635666	50.0	50.0	
67 Isopropyl acetate	43	4.111	4.111	0.000	99	305145	50.0	51.1	
68 Methylcyclohexane	83	4.211	4.211	0.000	96	230027	50.0	48.9	
69 Trichloroethene	130	4.218	4.218	0.000	98	164404	50.0	50.4	
72 n-Butanol	56	4.577	4.577	0.000	88	97263	1250.0	1356.7	
71 Dibromomethane	93	4.598	4.598	0.000	98	99723	50.0	49.3	
73 1,2-Dichloropropane	63	4.698	4.698	0.000	89	172447	50.0	50.5	
74 Ethyl acrylate	55	4.756	4.756	0.000	98	210468	50.0	49.9	
75 Dichlorobromomethane	83	4.777	4.777	0.000	99	205070	50.0	50.6	
* 76 1,4-Dioxane-d8	96	4.956	4.956	0.000	68	34670	1000.0	1000.0	
77 Methyl methacrylate	100	4.963	4.963	0.000	91	87194	100.0	99.1	
78 1,4-Dioxane	88	4.985	4.985	0.000	95	35042	1000.0	1038.4	
79 n-Propyl acetate	43	5.121	5.121	0.000	99	226542	50.0	51.1	
80 2-Chloroethyl vinyl ether	63	5.400	5.400	0.000	96	115212	50.1	51.7	
81 cis-1,3-Dichloropropene	75	5.436	5.436	0.000	95	283384	50.0	50.4	
S 176 1,3-Dichloropropene, Total	1				0		100.0	101.2	
$ 82 Toluene-d8 (Surr)	98	5.644	5.644	0.000	99	495671	50.0	48.5	
83 Toluene	91	5.701	5.701	0.000	93	689594	50.0	49.3	
84 Epichlorohydrin	57	5.716	5.716	0.000	100	331949	1000.0	934.0	
85 2-Nitropropane	41	5.945	5.945	0.000	98	85622	100.0	100.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 Tetrachloroethene	166	6.152	6.152	0.000	98	159671	50.0	49.7	
87 4-Methyl-2-pentanone (MIBK)	43	6.167	6.167	0.000	97	754031	250.0	253.8	
88 trans-1,3-Dichloropropene	75	6.203	6.203	0.000	99	261136	50.0	50.8	
89 1,1,2-Trichloroethane	83	6.389	6.389	0.000	95	124130	50.0	50.6	
90 Ethyl methacrylate	69	6.453	6.453	0.000	90	222842	50.0	50.6	
91 Chlorodibromomethane	129	6.597	6.597	0.000	98	159005	50.0	52.0	
92 1,3-Dichloropropane	76	6.711	6.711	0.000	95	265729	50.0	50.5	
93 Ethylene Dibromide	107	6.854	6.854	0.000	98	150554	50.0	50.2	
94 n-Butyl acetate	43	7.177	7.177	0.000	99	238307	50.0	51.4	
95 2-Hexanone	43	7.241	7.241	0.000	97	518640	250.0	251.3	
* 96 Chlorobenzene-d5	117	7.556	7.556	0.000	88	490598	50.0	50.0	
97 Chlorobenzene	112	7.578	7.578	0.000	93	451108	50.0	50.2	
98 Ethylbenzene	106	7.664	7.664	0.000	98	241974	50.0	50.9	
99 1,1,1,2-Tetrachloroethane	131	7.693	7.693	0.000	95	151761	50.0	51.4	
100 m-Xylene & p-Xylene	106	7.872	7.872	0.000	0	296205	50.0	50.7	
101 o-Xylene	106	8.473	8.473	0.000	94	288942	50.0	51.2	
102 Bromoform	173	8.545	8.545	0.000	96	103194	50.0	51.3	
103 Styrene	104	8.559	8.559	0.000	97	494050	50.0	51.7	
104 n-Butyl acrylate	73	8.867	8.867	0.000	97	123595	50.0	52.1	
105 Isopropylbenzene	105	8.968	8.968	0.000	96	668107	50.0	51.0	
106 Amyl acetate (mixed isomers)	43	9.283	9.283	0.000	91	293826	50.0	52.2	
$ 107 4-Bromofluorobenzene	174	9.347	9.347	0.000	87	200065	50.0	48.8	
108 Bromobenzene	156	9.462	9.462	0.000	98	195185	50.0	50.2	
109 N-Propylbenzene	91	9.605	9.605	0.000	99	848191	50.0	50.8	
110 1,1,2,2-Tetrachloroethane	83	9.741	9.741	0.000	98	187210	50.0	50.1	
111 2-Chlorotoluene	91	9.791	9.791	0.000	96	606596	50.0	50.8	
172 4-Ethyltoluene	105	9.798	9.798	0.000	98	736005	50.0	51.1	
113 1,2,3-Trichloropropane	110	9.892	9.892	0.000	98	56664	50.0	49.4	
114 1,3,5-Trimethylbenzene	105	9.956	9.956	0.000	93	613547	50.0	51.0	
115 trans-1,4-Dichloro-2-butene	53	9.999	9.999	0.000	91	63972	50.0	50.8	
116 4-Chlorotoluene	91	10.056	10.056	0.000	98	553770	50.0	49.9	
117 tert-Butylbenzene	119	10.429	10.429	0.000	94	504567	50.0	51.0	
119 Butyl Methacrylate	87	10.536	10.536	0.000	95	235659	50.0	53.1	
118 1,2,4-Trimethylbenzene	105	10.558	10.558	0.000	98	651519	50.0	51.2	
120 sec-Butylbenzene	105	10.730	10.730	0.000	99	717298	50.0	51.0	
121 1,3-Dichlorobenzene	146	10.995	10.995	0.000	95	358463	50.0	50.7	
122 4-Isopropyltoluene	119	11.002	11.002	0.000	98	633982	50.0	51.5	
* 123 1,4-Dichlorobenzene-d4	152	11.131	11.131	0.000	96	280950	50.0	50.0	
124 1,4-Dichlorobenzene	146	11.152	11.152	0.000	94	367578	50.0	50.5	
125 1,2,3-Trimethylbenzene	105	11.245	11.245	0.000	99	692649	50.0	51.3	
165 2,3-Dihydroindene	117	11.410	11.410	0.000	0	655674	50.0	51.4	
127 Benzyl chloride	126	11.546	11.546	0.000	97	84783	50.0	52.5	
167 p-Diethylbenzene	119	11.561	11.561	0.000	93	382333	50.0	52.3	
129 n-Butylbenzene	91	11.632	11.632	0.000	98	545582	50.0	50.9	
130 1,2-Dichlorobenzene	146	11.732	11.732	0.000	95	349054	50.0	50.7	
166 1,2,4,5-Tetramethylbenzene	119	12.542	12.542	0.000	97	614671	50.0	53.8	
132 1,2-Dibromo-3-Chloropropane	157	12.685	12.685	0.000	97	38761	50.0	50.9	
133 1,3,5-Trichlorobenzene	180	12.735	12.735	0.000	97	236039	50.0	52.7	
134 1,2,4-Trichlorobenzene	180	13.366	13.366	0.000	94	217470	50.0	52.8	
135 Hexachlorobutadiene	225	13.380	13.380	0.000	94	72632	50.0	51.4	
136 Naphthalene	128	13.645	13.645	0.000	99	593620	50.0	51.1	
137 1,2,3-Trichlorobenzene	180	13.803	13.803	0.000	96	195135	50.0	52.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 138 1,2-Dichloroethene, Total	100				0		100.0	99.0	
S 140 Xylenes, Total	100				0		100.0	101.9	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

ACROLEIN W_00168	Amount Added: 10.00	Units: uL		
GASES Li_00581	Amount Added: 50.00	Units: uL		
8260MIX1COMB_00187	Amount Added: 50.00	Units: uL		
524FREONS_00018	Amount Added: 50.00	Units: uL		
8260ISNEW_00155	Amount Added: 1.00	Units: uL	Run Reagent	
8260SURR250_00246	Amount Added: 1.00	Units: uL	Run Reagent	

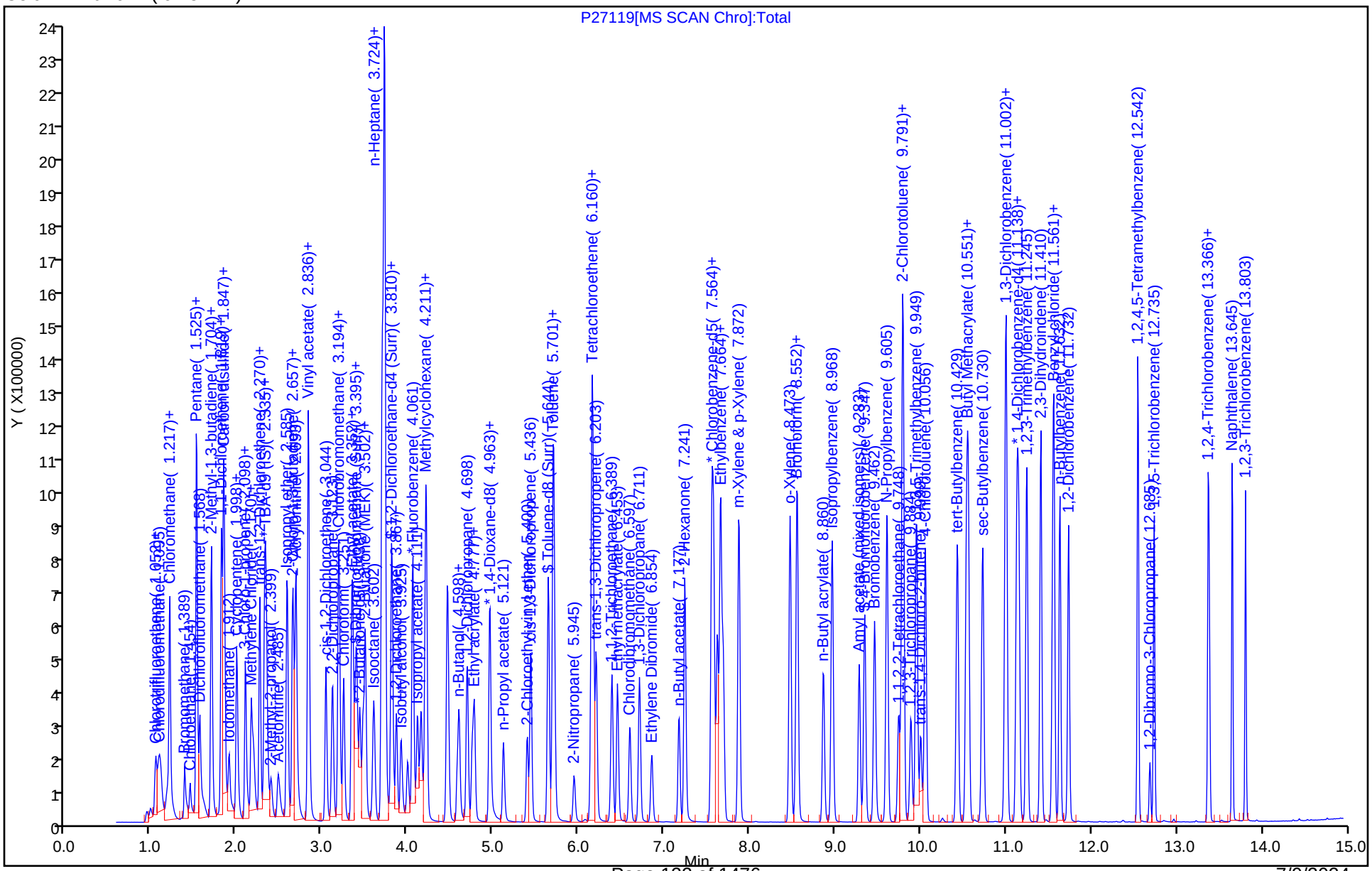
Report Date: 05-May-2024 12:51:39 Chrom Revision: 2.3 26-Apr-2024 12:18:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20240503-175422.b\P27119.D

Injection Date:	03-May-2024 08:05:30	Instrument ID:	CVOAMS13	Operator ID:	
Lims ID:	STD50			Worklist Smp#:	7
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8260W_13	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



7/9/2024
8:32:15 AM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20240503-175422.b\P27134.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 03-May-2024 14:26:30 ALS Bottle#: 21 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0175422-022
Operator ID: Instrument ID: CVOAMS13
Sublist: chrom-8260W_13*sub74

Method: \\chromfs\Edison\ChromData\CVOAMS13\20240503-175422.b\8260W_13.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 05-May-2024 12:51:44 Calib Date: 03-May-2024 14:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20240503-175422.b\P27135.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1683

First Level Reviewer: W9CM Date: 03-May-2024 15:09:01

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
173 Chlorotrifluoroethene	116	1.045	1.045	0.000	89	236598	200.0	230.0	
3 Dichlorodifluoromethane	85	1.052	1.052	0.000	100	936815	200.0	206.2	
168 Chlorodifluoromethane	51	1.095	1.095	0.000	98	1228126	200.0	191.6	
7 Vinyl chloride	62	1.210	1.210	0.000	99	798738	200.0	209.7	
6 Chloromethane	50	1.217	1.210	0.007	99	1071918	200.0	207.4	
175 Butadiene	54	1.217	1.217	0.000	98	731516	200.0	215.9	
9 Bromomethane	94	1.389	1.389	0.000	99	480874	200.0	197.6	
10 Chloroethane	64	1.454	1.454	0.000	100	461978	200.0	219.0	
11 Pentane	72	1.532	1.525	0.007	96	238713	400.0	439.4	
12 Trichlorofluoromethane	101	1.540	1.532	0.008	99	963358	200.0	225.1	
177 Dichlorofluoromethane	67	1.568	1.568	0.000	99	1206678	200.0	194.8	
14 2-Methyl-1,3-butadiene	67	1.704	1.697	0.007	97	913264	200.0	203.3	
15 Ethyl ether	59	1.711	1.711	0.000	93	526145	200.0	190.4	
16 Ethanol	46	1.805	1.805	0.001	99	108213	8000.0	6819.4	
170 1,2-Dichloro-1,1,2-trifluoroetha	69	1.819	1.819	0.000	95	234797	200.0	192.1	
17 1,1-Dichloroethene	96	1.826	1.819	0.007	98	555968	200.0	207.7	
19 Carbon disulfide	76	1.848	1.840	0.008	100	2028827	200.0	211.8	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.848	1.847	0.001	75	587052	200.0	228.2	
174 1,1,1-Trifluoro-2,2-dichloroetha	83	1.855	1.855	0.000	95	856845	200.0	201.4	
22 Iodomethane	142	1.912	1.912	0.000	98	961192	200.0	198.4	
169 Cyclopentene	67	1.998	1.998	0.000	97	1310962	200.0	201.2	
24 Acrolein	56	2.019	2.019	0.000	95	110126	200.0	212.8	
164 3-Chloro-1-propene	76	2.105	2.098	0.007	46	360950	200.0	198.2	
26 Isopropyl alcohol	45	2.127	2.127	0.000	97	276013	2000.0	1751.4	
27 Methylene Chloride	84	2.170	2.170	0.000	94	650048	200.0	181.9	
28 Acetone	43	2.191	2.191	0.000	86	752663	1000.0	985.4	
29 trans-1,2-Dichloroethene	96	2.270	2.270	0.000	98	617075	200.0	197.4	
30 Methyl acetate	74	2.270	2.270	0.000	99	182432	400.0	401.8	
31 Hexane	86	2.327	2.320	0.007	92	164170	200.0	234.0	
32 Methyl tert-butyl ether	73	2.335	2.335	0.000	94	1925799	200.0	201.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 33 TBA-d9 (IS)	65	2.349	2.356	-0.007	100	281787	1000.0	1000.0	
34 2-Methyl-2-propanol	59	2.399	2.399	0.000	99	481455	2000.0	1749.7	
35 Acetonitrile	41	2.485	2.485	0.000	98	715608	2000.0	1892.0	
36 Isopropyl ether	45	2.585	2.585	0.000	95	2038213	200.0	190.5	
37 2-Chloro-1,3-butadiene	88	2.650	2.650	0.000	91	574019	200.0	203.6	
38 1,1-Dichloroethane	63	2.664	2.664	0.000	100	1156210	200.0	195.2	
39 Acrylonitrile	53	2.693	2.693	0.000	92	2345338	2000.0	1953.6	
41 Vinyl acetate	43	2.836	2.836	0.000	99	3210420	400.0	424.9	
40 Tert-butyl ethyl ether	59	2.836	2.836	0.000	57	2116433	200.0	200.3	
42 cis-1,2-Dichloroethene	96	3.044	3.044	0.000	96	660543	200.0	194.7	
43 2,2-Dichloropropane	97	3.123	3.123	0.001	98	200489	200.0	206.4	
45 Chlorobromomethane	128	3.194	3.187	0.007	93	331224	200.0	200.6	
44 Cyclohexane	56	3.194	3.194	0.000	91	1125275	200.0	217.1	
46 Chloroform	83	3.252	3.251	0.001	98	1059248	200.0	193.0	
48 Ethyl acetate	70	3.345	3.345	0.000	100	149527	400.0	403.0	
49 Methyl acrylate	55	3.345	3.345	0.000	99	587619	200.0	196.9	
47 Carbon tetrachloride	117	3.359	3.352	0.007	99	798641	200.0	214.2	
50 Tetrahydrofuran	42	3.366	3.366	0.000	90	475367	400.0	407.6	
$ 51 Dibromofluoromethane (Surr)	113	3.395	3.388	0.007	97	116049	50.0	50.2	
52 1,1,1-Trichloroethane	97	3.402	3.402	0.000	99	936749	200.0	201.6	
* 53 2-Butanone-d5	46	3.438	3.438	0.000	99	349516	250.0	250.0	
54 2-Butanone (MEK)	72	3.481	3.481	0.000	100	400805	1000.0	997.0	
55 1,1-Dichloropropene	110	3.509	3.502	0.007	97	317541	200.0	199.5	
56 Isooctane	57	3.603	3.602	0.000	98	1583082	200.0	223.4	
57 n-Heptane	57	3.703	3.696	0.007	85	404883	200.0	225.1	
58 Benzene	78	3.703	3.703	0.000	97	2554992	200.0	186.2	
59 Propionitrile	54	3.717	3.710	0.007	97	858612	2000.0	2035.5	
60 Methacrylonitrile	67	3.739	3.731	0.008	92	2741873	2000.0	2017.6	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.810	3.810	0.000	0	138530	50.0	49.5	
62 Tert-amyl methyl ether	73	3.817	3.810	0.007	98	1950027	200.0	200.2	
63 1,2-Dichloroethane	62	3.868	3.867	0.001	98	881258	200.0	197.7	
64 Isobutyl alcohol	43	3.918	3.925	-0.007	97	583046	5000.0	5095.5	
* 66 Fluorobenzene	96	4.061	4.061	0.000	98	647275	50.0	50.0	
67 Isopropyl acetate	43	4.111	4.111	0.000	99	1205923	200.0	198.4	
68 Methylcyclohexane	83	4.211	4.211	0.000	96	1070194	200.0	223.2	
69 Trichloroethene	130	4.219	4.218	0.001	98	658343	200.0	198.4	
72 n-Butanol	56	4.577	4.577	0.000	88	369554	5000.0	4846.7	
71 Dibromomethane	93	4.598	4.598	0.000	97	410771	200.0	199.6	
73 1,2-Dichloropropane	63	4.698	4.698	0.000	90	680643	200.0	195.7	
74 Ethyl acrylate	55	4.756	4.756	0.000	98	864449	200.0	201.5	
75 Dichlorobromomethane	83	4.777	4.777	0.000	99	842032	200.0	204.2	
* 76 1,4-Dioxane-d8	96	4.949	4.956	-0.007	75	36755	1000.0	1000.0	
77 Methyl methacrylate	100	4.963	4.963	0.000	90	369811	400.0	412.9	
78 1,4-Dioxane	88	4.985	4.985	0.000	93	115331	4000.0	3223.7	
79 n-Propyl acetate	43	5.121	5.121	0.000	98	905097	200.0	200.6	
80 2-Chloroethyl vinyl ether	63	5.400	5.400	0.000	97	470157	200.5	207.4	
81 cis-1,3-Dichloropropene	75	5.443	5.436	0.007	94	1154439	200.0	195.0	
S 176 1,3-Dichloropropene, Total	1				0		400.0	393.9	
$ 82 Toluene-d8 (Surr)	98	5.644	5.644	0.000	99	519921	50.0	48.3	
83 Toluene	91	5.708	5.701	0.007	93	2767000	200.0	188.0	
84 Epichlorohydrin	57	5.723	5.716	0.007	100	1339374	4000.0	3723.9	
85 2-Nitropropane	41	5.945	5.945	0.000	97	378334	400.0	435.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 Tetrachloroethene	166	6.153	6.152	0.001	98	675756	200.0	200.0	
87 4-Methyl-2-pentanone (MIBK)	43	6.167	6.167	0.000	97	2996371	1000.0	996.5	
88 trans-1,3-Dichloropropene	75	6.210	6.203	0.007	98	1075762	200.0	198.8	
89 1,1,2-Trichloroethane	83	6.389	6.389	0.000	95	499376	200.0	193.6	
90 Ethyl methacrylate	69	6.453	6.453	0.000	90	915357	200.0	204.1	
91 Chlorodibromomethane	129	6.604	6.597	0.007	98	687018	200.0	213.4	
92 1,3-Dichloropropane	76	6.711	6.711	0.000	95	1057860	200.0	191.0	
93 Ethylene Dibromide	107	6.855	6.854	0.001	98	622967	200.0	197.2	
94 n-Butyl acetate	43	7.177	7.177	0.000	98	985434	200.0	202.2	
95 2-Hexanone	43	7.248	7.241	0.007	96	2086751	1000.0	999.3	
* 96 Chlorobenzene-d5	117	7.564	7.556	0.008	86	516196	50.0	50.0	
97 Chlorobenzene	112	7.585	7.578	0.007	94	1811722	200.0	191.6	
98 Ethylbenzene	106	7.664	7.664	0.000	98	984619	200.0	196.9	
99 1,1,1,2-Tetrachloroethane	131	7.700	7.693	0.007	96	639293	200.0	205.6	
100 m-Xylene & p-Xylene	106	7.879	7.872	0.007	0	1209043	200.0	196.6	
101 o-Xylene	106	8.481	8.473	0.008	94	1166248	200.0	196.3	
102 Bromoform	173	8.552	8.545	0.007	96	472345	200.0	223.2	
103 Styrene	104	8.559	8.559	0.000	94	2016322	200.0	200.4	
104 n-Butyl acrylate	73	8.867	8.867	0.000	97	516681	200.0	207.2	
105 Isopropylbenzene	105	8.968	8.968	0.000	96	2719926	200.0	197.4	
106 Amyl acetate (mixed isomers)	43	9.283	9.283	0.000	91	1186430	200.0	199.8	
$ 107 4-Bromofluorobenzene	174	9.347	9.347	0.000	88	212569	50.0	49.3	
108 Bromobenzene	156	9.469	9.462	0.007	98	793177	200.0	193.3	
109 N-Propylbenzene	91	9.612	9.605	0.007	99	3440771	200.0	195.3	
110 1,1,2,2-Tetrachloroethane	83	9.748	9.741	0.007	98	780550	200.0	198.2	
111 2-Chlorotoluene	91	9.791	9.791	0.000	96	2449754	200.0	194.6	
172 4-Ethyltoluene	105	9.806	9.798	0.008	99	2958238	200.0	194.9	
113 1,2,3-Trichloropropane	110	9.892	9.892	0.000	98	235324	200.0	194.6	
114 1,3,5-Trimethylbenzene	105	9.963	9.956	0.007	93	2455126	200.0	193.5	
115 trans-1,4-Dichloro-2-butene	53	10.006	9.999	0.007	92	275051	200.0	207.0	
116 4-Chlorotoluene	91	10.064	10.056	0.008	98	2241292	200.0	191.7	
117 tert-Butylbenzene	119	10.436	10.429	0.007	94	2041452	200.0	195.6	
119 Butyl Methacrylate	87	10.543	10.536	0.007	95	959721	200.0	205.0	
118 1,2,4-Trimethylbenzene	105	10.565	10.558	0.007	98	2583193	200.0	192.5	
120 sec-Butylbenzene	105	10.730	10.730	0.000	99	2884121	200.0	194.4	
121 1,3-Dichlorobenzene	146	11.002	10.995	0.007	95	1442166	200.0	193.5	
122 4-Isopropyltoluene	119	11.009	11.002	0.007	98	2538279	200.0	195.5	
* 123 1,4-Dichlorobenzene-d4	152	11.131	11.131	0.000	95	296220	50.0	50.0	
124 1,4-Dichlorobenzene	146	11.160	11.152	0.008	94	1485557	200.0	193.8	
125 1,2,3-Trimethylbenzene	105	11.253	11.245	0.008	99	2771101	200.0	194.6	
165 2,3-Dihydroindene	117	11.410	11.410	0.000	0	2595341	200.0	193.1	
127 Benzyl chloride	126	11.546	11.546	0.000	98	387578	200.0	227.6	
167 p-Diethylbenzene	119	11.568	11.561	0.007	94	1490924	200.0	193.3	
129 n-Butylbenzene	91	11.632	11.632	0.000	98	2167996	200.0	192.0	
130 1,2-Dichlorobenzene	146	11.740	11.732	0.008	95	1395695	200.0	192.4	
166 1,2,4,5-Tetramethylbenzene	119	12.549	12.542	0.007	97	2306343	200.0	191.3	
132 1,2-Dibromo-3-Chloropropane	157	12.685	12.685	0.000	97	170479	200.0	212.3	
133 1,3,5-Trichlorobenzene	180	12.735	12.735	0.000	98	915005	200.0	193.7	
134 1,2,4-Trichlorobenzene	180	13.366	13.366	0.000	94	835420	200.0	192.3	
135 Hexachlorobutadiene	225	13.380	13.380	0.000	94	287799	200.0	193.2	
136 Naphthalene	128	13.652	13.645	0.007	99	2267513	200.0	185.1	
137 1,2,3-Trichlorobenzene	180	13.803	13.803	0.000	95	726940	200.0	186.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 138 1,2-Dichloroethene, Total	100				0		400.0	392.1	
S 140 Xylenes, Total	100				0		400.0	392.9	

QC Flag Legend

Processing Flags

Reagents:

ACROLEIN W_00168	Amount Added:	20.00	Units: uL	
MIX 2 Hi_00149	Amount Added:	20.00	Units: uL	
7 Freons Hi_00014	Amount Added:	20.00	Units: uL	
MIX I Hi_00176	Amount Added:	20.00	Units: uL	
Ethanol mix_00089	Amount Added:	20.00	Units: uL	
GAS Hi_00468	Amount Added:	20.00	Units: uL	
8260ISNEW_00155	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00246	Amount Added:	1.00	Units: uL	Run Reagent

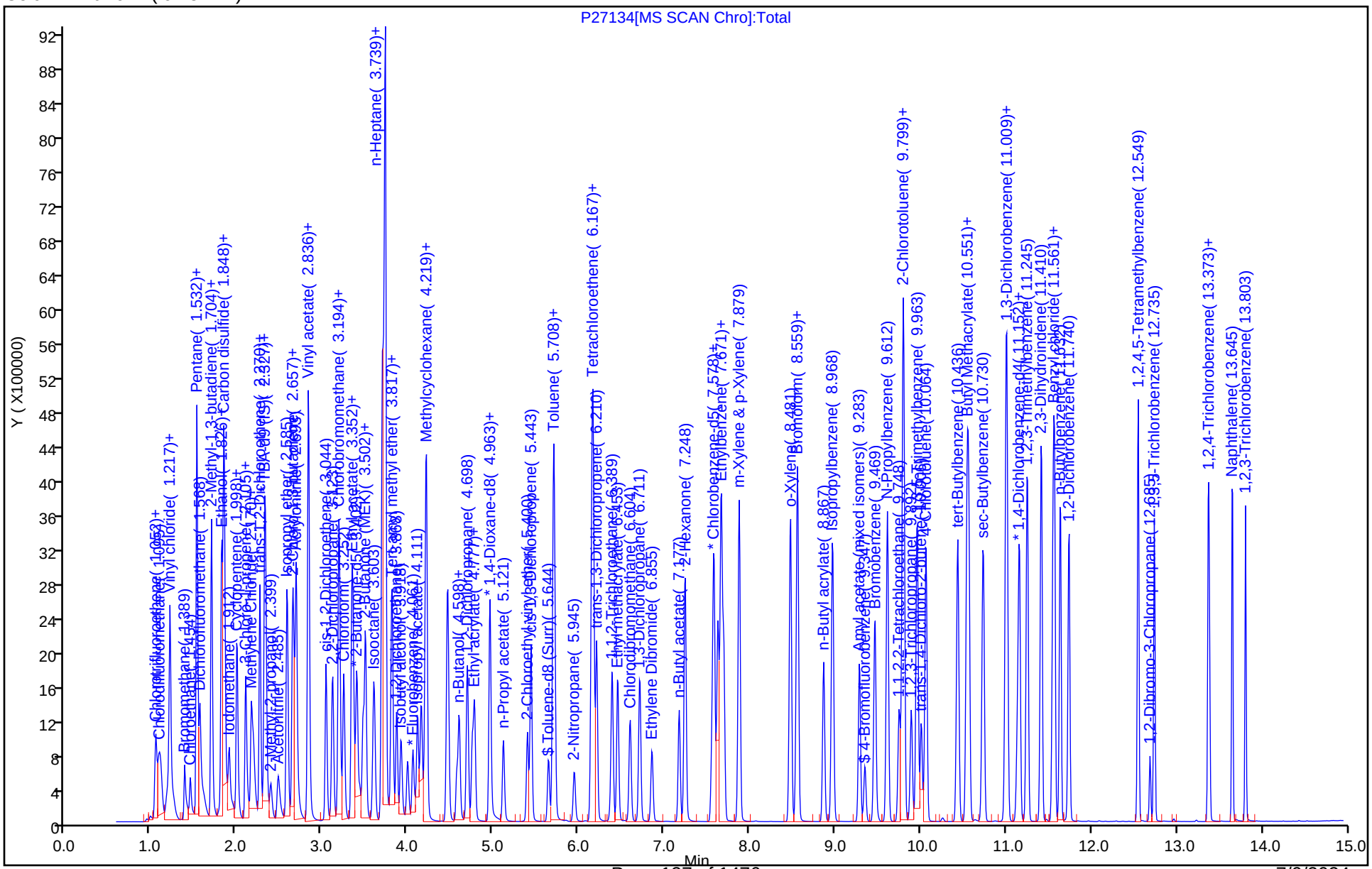
Report Date: 05-May-2024 12:51:46 Chrom Revision: 2.3 26-Apr-2024 12:18:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20240503-175422.b\P27134.D

Injection Date:	03-May-2024 14:26:30	Instrument ID:	CVOAMS13	Operator ID:	
Lims ID:	STD200			Worklist Smp#:	22
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	21
Method:	8260W_13	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



7/9/2024
8:32:15 AM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20240503-175422.b\P27135.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 03-May-2024 14:48:30 ALS Bottle#: 22 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0175422-023
Operator ID: Instrument ID: CVOAMS13
Sublist: chrom-8260W_13*sub74

Method: \\chromfs\Edison\ChromData\CVOAMS13\20240503-175422.b\8260W_13.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 05-May-2024 12:51:51 Calib Date: 03-May-2024 14:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20240503-175422.b\P27135.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1683

First Level Reviewer: W9CM Date: 03-May-2024 15:12:32

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
173 Chlorotrifluoroethene	116	1.038	1.045	-0.007	90	631335	500.0	587.3	
3 Dichlorodifluoromethane	85	1.052	1.052	0.000	100	2437109	500.0	499.2	
168 Chlorodifluoromethane	51	1.095	1.095	0.000	97	3267210	500.0	487.8	
7 Vinyl chloride	62	1.210	1.210	0.000	99	2105913	500.0	529.1	
6 Chloromethane	50	1.210	1.210	0.000	99	2852366	500.0	528.1	
175 Butadiene	54	1.217	1.217	0.000	97	1941508	500.0	548.3	
9 Bromomethane	94	1.389	1.389	0.000	99	1107234	500.0	409.2	
10 Chloroethane	64	1.454	1.454	0.000	99	774098	500.0	351.2	
11 Pentane	72	1.525	1.525	0.000	96	536804	1000.0	888.6	
12 Trichlorofluoromethane	101	1.532	1.532	0.000	99	2307580	500.0	516.0	M
177 Dichlorofluoromethane	67	1.561	1.568	-0.007	99	3068160	500.0	473.9	
14 2-Methyl-1,3-butadiene	67	1.697	1.697	0.000	97	2492548	500.0	530.9	
15 Ethyl ether	59	1.711	1.711	0.000	94	1416269	500.0	490.4	
16 Ethanol	46	1.840	1.805	0.036	74	322388	20000	18271	
170 1,2-Dichloro-1,1,2-trifluoroetha	69	1.826	1.819	0.007	72	364621	500.0	285.5	
17 1,1-Dichloroethene	96	1.826	1.819	0.007	98	1517673	500.0	542.5	
19 Carbon disulfide	76	1.840	1.840	0.000	100	5514131	500.0	550.9	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.847	1.847	0.000	74	1544895	500.0	574.8	
174 1,1,1-Trifluoro-2,2-dichloroetha	83	1.862	1.855	0.007	92	2361147	500.0	531.2	
22 Iodomethane	142	1.905	1.912	-0.007	99	2380548	500.0	470.3	
169 Cyclopentene	67	1.998	1.998	0.000	97	3702405	500.0	543.9	
24 Acrolein	56	2.019	2.019	0.000	95	247289	400.0	429.7	
164 3-Chloro-1-propene	76	2.105	2.098	0.007	46	974069	500.0	511.8	
26 Isopropyl alcohol	45	2.155	2.127	0.028	97	858350	5000.0	4898.0	
27 Methylene Chloride	84	2.170	2.170	0.000	94	1758361	500.0	470.9	
28 Acetone	43	2.198	2.191	0.007	86	1976694	2500.0	2449.9	
29 trans-1,2-Dichloroethene	96	2.270	2.270	0.000	99	1700745	500.0	520.8	
30 Methyl acetate	74	2.277	2.270	0.007	99	488844	1000.0	968.3	
31 Hexane	86	2.320	2.320	0.000	96	445995	500.0	608.3	
32 Methyl tert-butyl ether	73	2.342	2.335	0.007	95	5151304	500.0	516.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 33 TBA-d9 (IS)	65	2.370	2.356	0.014	100	313339	1000.0	1000.0	
34 2-Methyl-2-propanol	59	2.421	2.399	0.022	98	1431229	5000.0	4677.7	
35 Acetonitrile	41	2.492	2.485	0.007	98	1844867	5000.0	4386.5	
36 Isopropyl ether	45	2.592	2.585	0.007	95	5448739	500.0	487.3	
37 2-Chloro-1,3-butadiene	88	2.650	2.650	0.000	92	1547619	500.0	525.4	
38 1,1-Dichloroethane	63	2.671	2.664	0.007	100	3133354	500.0	506.3	
39 Acrylonitrile	53	2.707	2.693	0.014	94	6610865	5000.0	5270.2	
41 Vinyl acetate	43	2.843	2.836	0.007	99	8330092	1000.0	1055.1	
40 Tert-butyl ethyl ether	59	2.843	2.836	0.007	60	5570943	500.0	504.6	
42 cis-1,2-Dichloroethene	96	3.051	3.044	0.007	96	1874315	500.0	528.7	
43 2,2-Dichloropropane	97	3.123	3.123	0.000	98	551800	500.0	543.7	
45 Chlorobromomethane	128	3.194	3.187	0.007	94	874318	500.0	506.7	
44 Cyclohexane	56	3.201	3.194	0.007	91	3044801	500.0	562.2	
46 Chloroform	83	3.251	3.251	0.000	98	2934610	500.0	511.7	
48 Ethyl acetate	70	3.352	3.345	0.007	100	410410	1000.0	1047.0	
49 Methyl acrylate	55	3.352	3.345	0.007	99	1582316	500.0	507.4	
47 Carbon tetrachloride	117	3.359	3.352	0.007	99	2199003	500.0	564.6	
50 Tetrahydrofuran	42	3.366	3.366	0.000	95	1315118	1000.0	1067.5	
$ 51 Dibromofluoromethane (Surr)	113	3.395	3.388	0.007	97	122125	50.0	50.5	
52 1,1,1-Trichloroethane	97	3.409	3.402	0.007	98	2542636	500.0	523.7	
* 53 2-Butanone-d5	46	3.445	3.438	0.007	97	369228	250.0	250.0	
54 2-Butanone (MEK)	72	3.488	3.481	0.007	100	1104532	2500.0	2600.9	
55 1,1-Dichloropropene	110	3.509	3.502	0.007	97	861561	500.0	517.9	
56 Isooctane	57	3.610	3.602	0.008	98	4224604	500.0	570.6	
57 n-Heptane	57	3.703	3.696	0.007	87	1083476	500.0	576.4	
58 Benzene	78	3.710	3.703	0.007	96	6736957	500.0	475.6	
59 Propionitrile	54	3.746	3.710	0.036	99	2450819	5000.0	5225.0	
60 Methacrylonitrile	67	3.760	3.731	0.029	92	7084761	5000.0	4989.4	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.824	3.810	0.014	0	155890	50.0	53.3	
62 Tert-amyl methyl ether	73	3.824	3.810	0.014	98	5206338	500.0	511.7	
63 1,2-Dichloroethane	62	3.882	3.867	0.015	98	2347911	500.0	504.1	
64 Isobutyl alcohol	43	3.946	3.925	0.021	97	1708319	12500	13426	
* 66 Fluorobenzene	96	4.061	4.061	0.000	99	676328	50.0	50.0	
67 Isopropyl acetate	43	4.118	4.111	0.007	99	3207799	500.0	505.2	
68 Methylcyclohexane	83	4.218	4.211	0.007	96	2851934	500.0	569.4	
69 Trichloroethene	130	4.226	4.218	0.008	98	1731821	500.0	499.5	
72 n-Butanol	56	4.598	4.577	0.021	91	1123134	12500	13247	
71 Dibromomethane	93	4.605	4.598	0.007	97	1113150	500.0	517.6	
73 1,2-Dichloropropane	63	4.706	4.698	0.008	89	1839530	500.0	506.2	
74 Ethyl acrylate	55	4.763	4.756	0.007	99	2344790	500.0	523.0	
75 Dichlorobromomethane	83	4.784	4.777	0.007	99	2302046	500.0	534.3	
* 76 1,4-Dioxane-d8	96	4.971	4.956	0.015	64	38361	1000.0	1000.0	
77 Methyl methacrylate	100	4.971	4.963	0.008	93	997394	1000.0	1065.8	
78 1,4-Dioxane	88	4.992	4.985	0.007	94	346479	10000	9279.2	
79 n-Propyl acetate	43	5.128	5.121	0.007	98	2449739	500.0	519.6	
80 2-Chloroethyl vinyl ether	63	5.408	5.400	0.008	96	1253247	501.2	529.0	
81 cis-1,3-Dichloropropene	75	5.450	5.436	0.014	94	3142281	500.0	514.3	
S 176 1,3-Dichloropropene, Total	1				0		1000.0	1040.5	
$ 82 Toluene-d8 (Surr)	98	5.651	5.644	0.007	99	556226	50.0	50.1	
83 Toluene	91	5.716	5.701	0.015	93	7325934	500.0	482.3	
84 Epichlorohydrin	57	5.730	5.716	0.014	100	3624887	10000	9540.2	
85 2-Nitropropane	41	5.959	5.945	0.014	97	1033529	1000.0	1137.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 Tetrachloroethene	166	6.160	6.152	0.008	97	1780460	500.0	510.5	
87 4-Methyl-2-pentanone (MIBK)	43	6.181	6.167	0.014	96	8007605	2500.0	2520.9	
88 trans-1,3-Dichloropropene	75	6.224	6.203	0.021	98	2938441	500.0	526.2	
89 1,1,2-Trichloroethane	83	6.396	6.389	0.007	95	1354522	500.0	508.7	
90 Ethyl methacrylate	69	6.468	6.453	0.015	90	2492885	500.0	532.1	
91 Chlorodibromomethane	129	6.611	6.597	0.014	98	1871018	500.0	562.9	
92 1,3-Dichloropropane	76	6.726	6.711	0.015	95	2865459	500.0	501.2	
93 Ethylene Dibromide	107	6.869	6.854	0.015	98	1675789	500.0	514.0	
94 n-Butyl acetate	43	7.191	7.177	0.014	99	2685599	500.0	533.9	
95 2-Hexanone	43	7.256	7.241	0.015	96	5507813	2500.0	2496.7	
* 96 Chlorobenzene-d5	117	7.571	7.556	0.015	88	532819	50.0	50.0	
97 Chlorobenzene	112	7.592	7.578	0.014	93	4794818	500.0	491.2	
98 Ethylbenzene	106	7.685	7.664	0.021	98	2619079	500.0	507.3	
99 1,1,1,2-Tetrachloroethane	131	7.707	7.693	0.014	96	1702059	500.0	530.4	
100 m-Xylene & p-Xylene	106	7.886	7.872	0.014	0	3201001	500.0	504.3	
101 o-Xylene	106	8.488	8.473	0.015	94	3082637	500.0	502.7	
102 Bromoform	173	8.559	8.545	0.014	96	1271962	500.0	582.4	
103 Styrene	104	8.574	8.559	0.015	97	5234526	500.0	504.0	
104 n-Butyl acrylate	73	8.874	8.867	0.007	97	1369626	500.0	532.0	
105 Isopropylbenzene	105	8.982	8.968	0.014	96	7012675	500.0	493.0	
106 Amyl acetate (mixed isomers)	43	9.297	9.283	0.014	91	3114883	500.0	521.2	
$ 107 4-Bromofluorobenzene	174	9.354	9.347	0.007	88	223654	50.0	50.2	
108 Bromobenzene	156	9.476	9.462	0.014	98	2076484	500.0	502.8	
109 N-Propylbenzene	91	9.627	9.605	0.022	99	8856372	500.0	499.5	
110 1,1,2,2-Tetrachloroethane	83	9.763	9.741	0.022	98	2055762	500.0	518.6	
111 2-Chlorotoluene	91	9.806	9.791	0.015	96	6379783	500.0	503.4	
172 4-Ethyltoluene	105	9.820	9.798	0.022	97	7484430	500.0	490.1	
113 1,2,3-Trichloropropane	110	9.906	9.892	0.014	98	619992	500.0	509.5	
114 1,3,5-Trimethylbenzene	105	9.978	9.956	0.022	93	6356997	500.0	497.9	
115 trans-1,4-Dichloro-2-butene	53	10.021	9.999	0.021	92	739044	500.0	552.6	
116 4-Chlorotoluene	91	10.078	10.056	0.022	98	6006752	500.0	510.5	
117 tert-Butylbenzene	119	10.450	10.429	0.021	93	5207985	500.0	495.7	
119 Butyl Methacrylate	87	10.558	10.536	0.022	94	2479534	500.0	526.2	
118 1,2,4-Trimethylbenzene	105	10.579	10.558	0.021	98	6546249	500.0	484.7	
120 sec-Butylbenzene	105	10.744	10.730	0.014	98	7318612	500.0	490.1	
121 1,3-Dichlorobenzene	146	11.016	10.995	0.021	94	3584799	500.0	478.0	
122 4-Isopropyltoluene	119	11.023	11.002	0.021	98	6317082	500.0	483.4	
* 123 1,4-Dichlorobenzene-d4	152	11.145	11.131	0.014	96	298132	50.0	50.0	
124 1,4-Dichlorobenzene	146	11.174	11.152	0.022	94	3746611	500.0	485.5	
125 1,2,3-Trimethylbenzene	105	11.260	11.245	0.015	99	6939033	500.0	484.2	
165 2,3-Dihydroindene	117	11.424	11.410	0.014	0	6372516	500.0	471.2	
127 Benzyl chloride	126	11.561	11.546	0.015	98	994314	500.0	580.1	
167 p-Diethylbenzene	119	11.582	11.561	0.021	93	3711567	500.0	478.1	
129 n-Butylbenzene	91	11.647	11.632	0.015	99	5404369	500.0	475.5	
130 1,2-Dichlorobenzene	146	11.747	11.732	0.015	95	3505464	500.0	480.2	
166 1,2,4,5-Tetramethylbenzene	119	12.556	12.542	0.014	97	5358128	500.0	441.6	
132 1,2-Dibromo-3-Chloropropane	157	12.692	12.685	0.007	97	429753	500.0	531.8	
133 1,3,5-Trichlorobenzene	180	12.742	12.735	0.007	97	2133475	500.0	448.8	
134 1,2,4-Trichlorobenzene	180	13.373	13.366	0.007	94	2013329	500.0	460.4	
135 Hexachlorobutadiene	225	13.387	13.380	0.007	94	724682	500.0	483.4	
136 Naphthalene	128	13.652	13.645	0.007	99	5541490	500.0	449.5	
137 1,2,3-Trichlorobenzene	180	13.810	13.803	0.007	96	1807831	500.0	459.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 138 1,2-Dichloroethene, Total	100				0		1000.0	1049.5	
S 140 Xylenes, Total	100				0		1000.0	1007.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

ACROLEIN W_00168	Amount Added:	40.00	Units: uL	
MIX 2 Hi_00149	Amount Added:	50.00	Units: uL	
7 Freons Hi_00014	Amount Added:	50.00	Units: uL	
MIX I Hi_00176	Amount Added:	50.00	Units: uL	
Ethanol mix_00089	Amount Added:	50.00	Units: uL	
GAS Hi_00468	Amount Added:	50.00	Units: uL	
8260ISNEW_00155	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00246	Amount Added:	1.00	Units: uL	Run Reagent

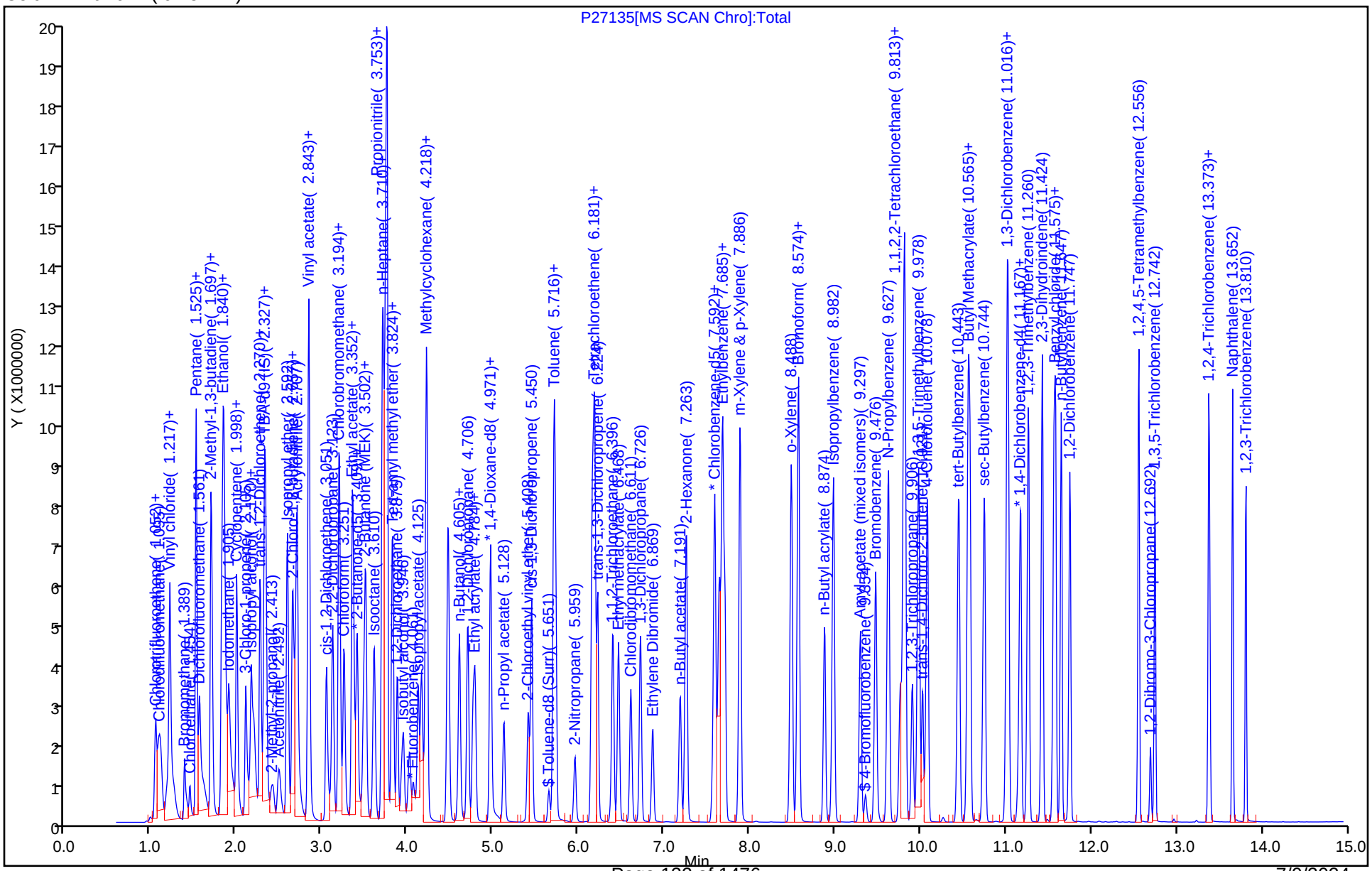
Report Date: 05-May-2024 12:51:53 Chrom Revision: 2.3 26-Apr-2024 12:18:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20240503-175422.b\P27135.D

Injection Date:	03-May-2024 14:48:30	Instrument ID:	CVOAMS13	Operator ID:	
Lims ID:	STD500			Worklist Smp#:	23
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	22
Method:	8260W_13	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



7/9/2024
8:32:15 AM

Calibration / Chlorotrifluoroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

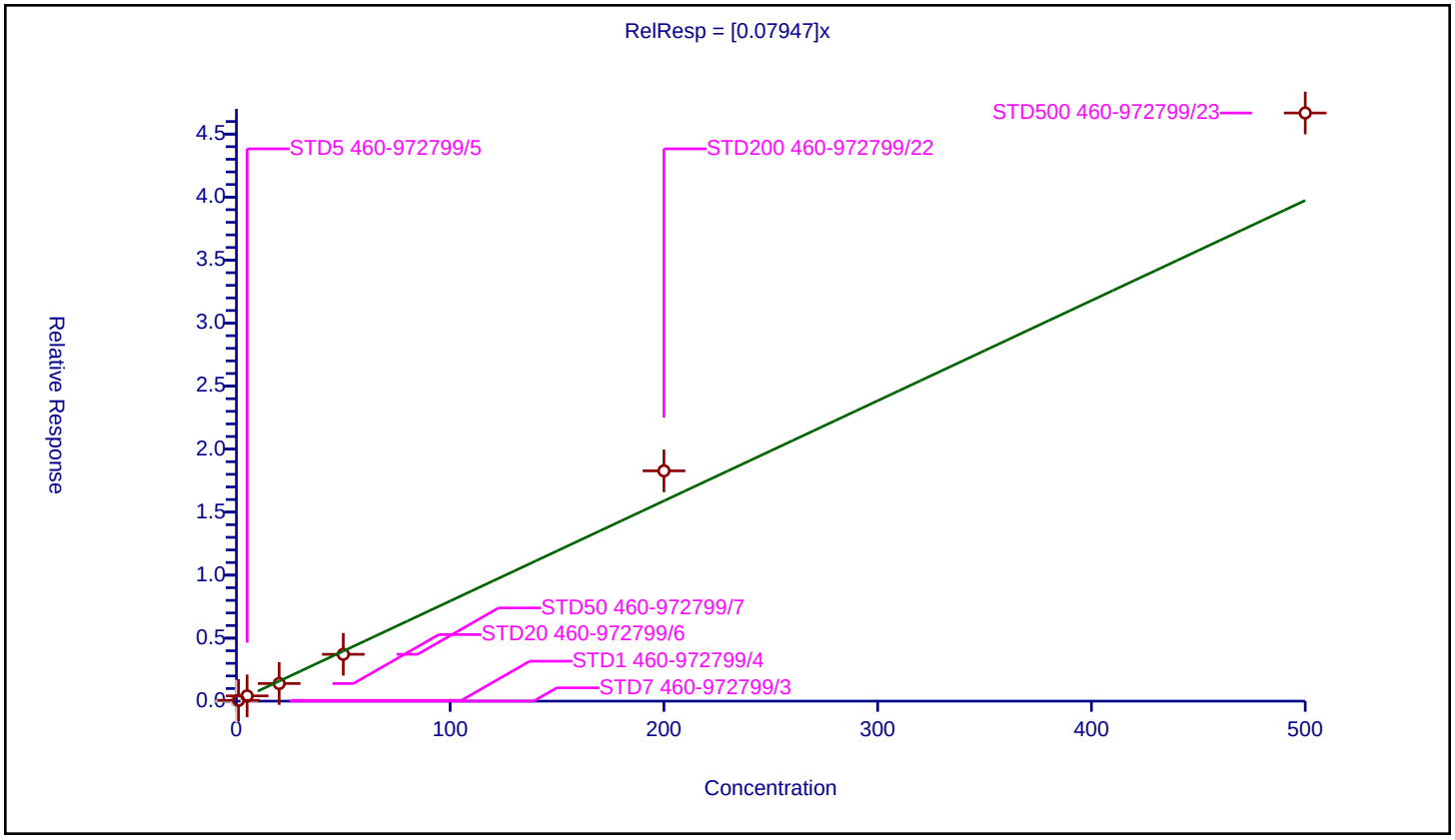
Curve Coefficients

Intercept:	0
Slope:	0.07947

Error Coefficients

Relative Standard Deviation:	14.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	50.0	624248.0	NaN	N
2	STD1 460-972799/4	1.0	0.064535	50.0	619046.0	0.064535	Y
3	STD5 460-972799/5	5.0	0.416855	50.0	621919.0	0.083371	Y
4	STD20 460-972799/6	20.0	1.397201	50.0	624391.0	0.06986	Y
5	STD50 460-972799/7	50.0	3.715945	50.0	635666.0	0.074319	Y
6	STD200 460-972799/22	200.0	18.276467	50.0	647275.0	0.091382	Y
7	STD500 460-972799/23	500.0	46.673729	50.0	676328.0	0.093347	Y



7/9/2024
8:32:15 AM

Calibration / Dichlorodifluoromethane

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

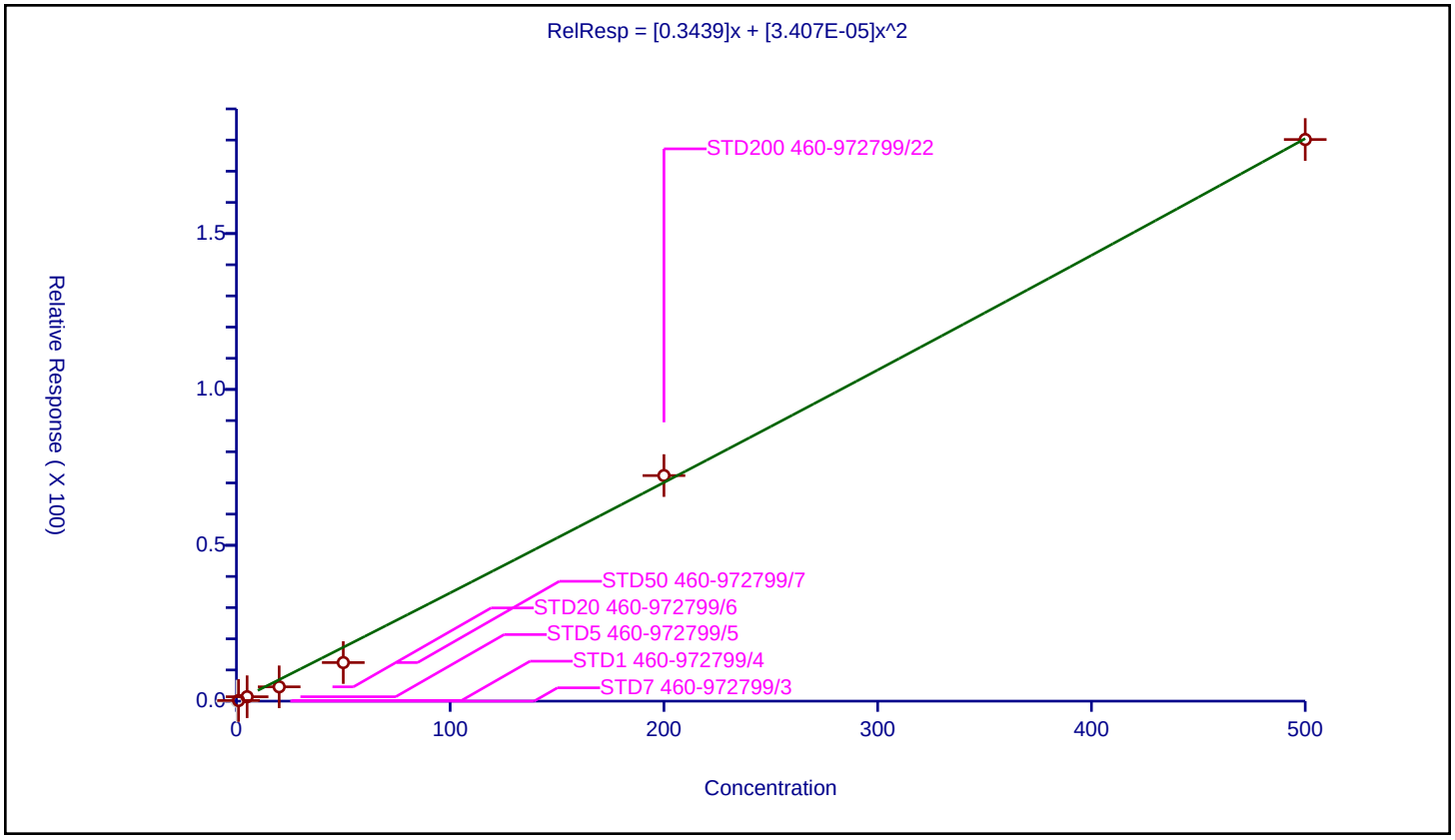
Curve Coefficients

Intercept:	0
Slope:	0.3439
Second Order:	3.407E-05

Error Coefficients

Relative Standard Deviation:	31.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.25	0.0	50.0	624248.0	0.0	N
2	STD1 460-972799/4	1.0	0.203701	50.0	619046.0	0.203701	Y
3	STD5 460-972799/5	5.0	1.417709	50.0	621919.0	0.283542	Y
4	STD20 460-972799/6	20.0	4.589672	50.0	624391.0	0.229484	Y
5	STD50 460-972799/7	50.0	12.37812	50.0	635666.0	0.247562	Y
6	STD200 460-972799/22	200.0	72.366073	50.0	647275.0	0.36183	Y
7	STD500 460-972799/23	500.0	180.172121	50.0	676328.0	0.360344	Y



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Calibration / Chlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

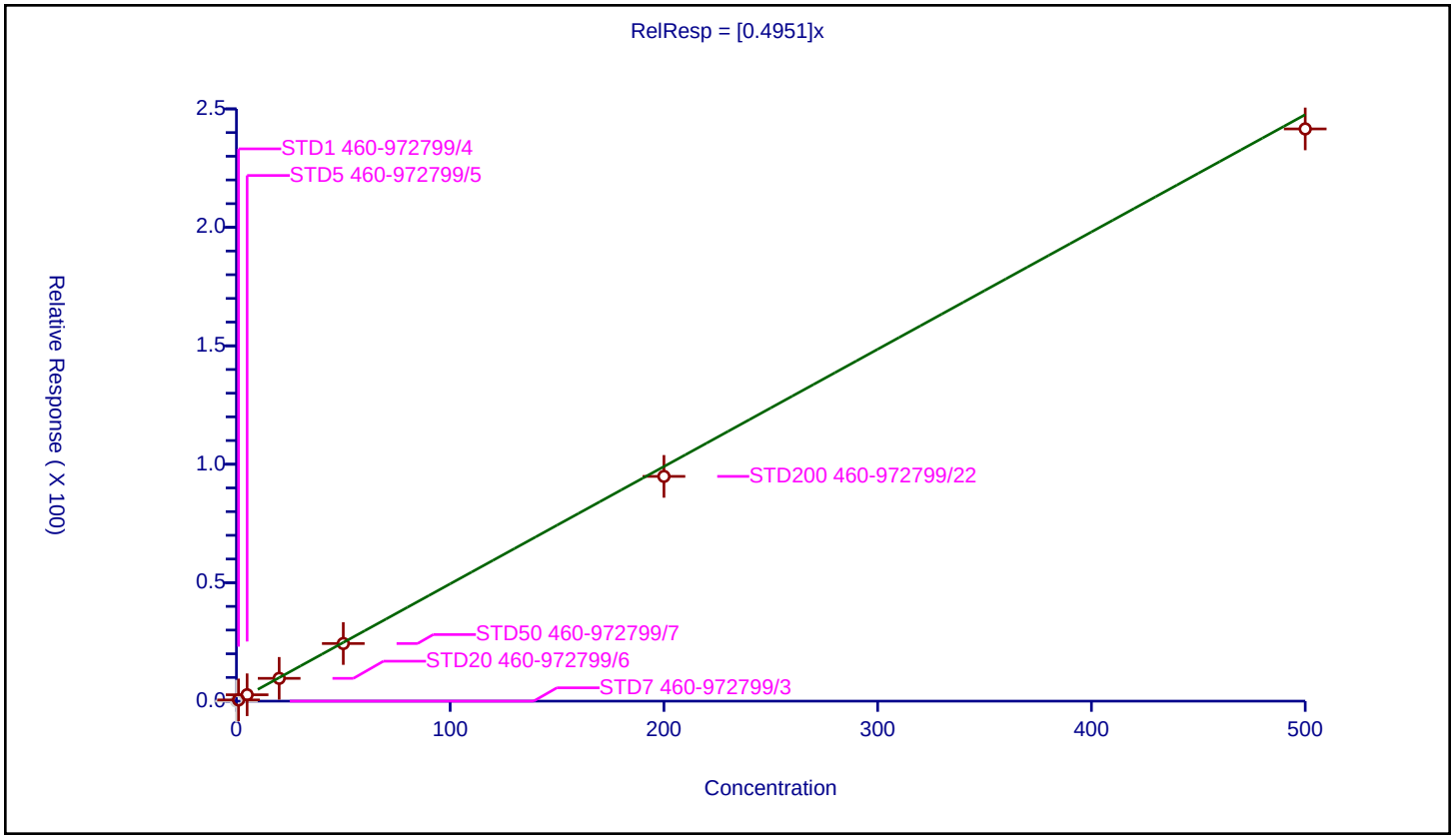
Curve Coefficients

Intercept:	0
Slope:	0.4951

Error Coefficients

Relative Standard Deviation:	4.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	50.0	624248.0	NaN	N
2	STD1 460-972799/4	1.0	0.506828	50.0	619046.0	0.506828	Y
3	STD5 460-972799/5	5.0	2.696091	50.0	621919.0	0.539218	Y
4	STD20 460-972799/6	20.0	9.619693	50.0	624391.0	0.480985	Y
5	STD50 460-972799/7	50.0	24.318746	50.0	635666.0	0.486375	Y
6	STD200 460-972799/22	200.0	94.868951	50.0	647275.0	0.474345	Y
7	STD500 460-972799/23	500.0	241.540347	50.0	676328.0	0.483081	Y



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Calibration / Chloromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

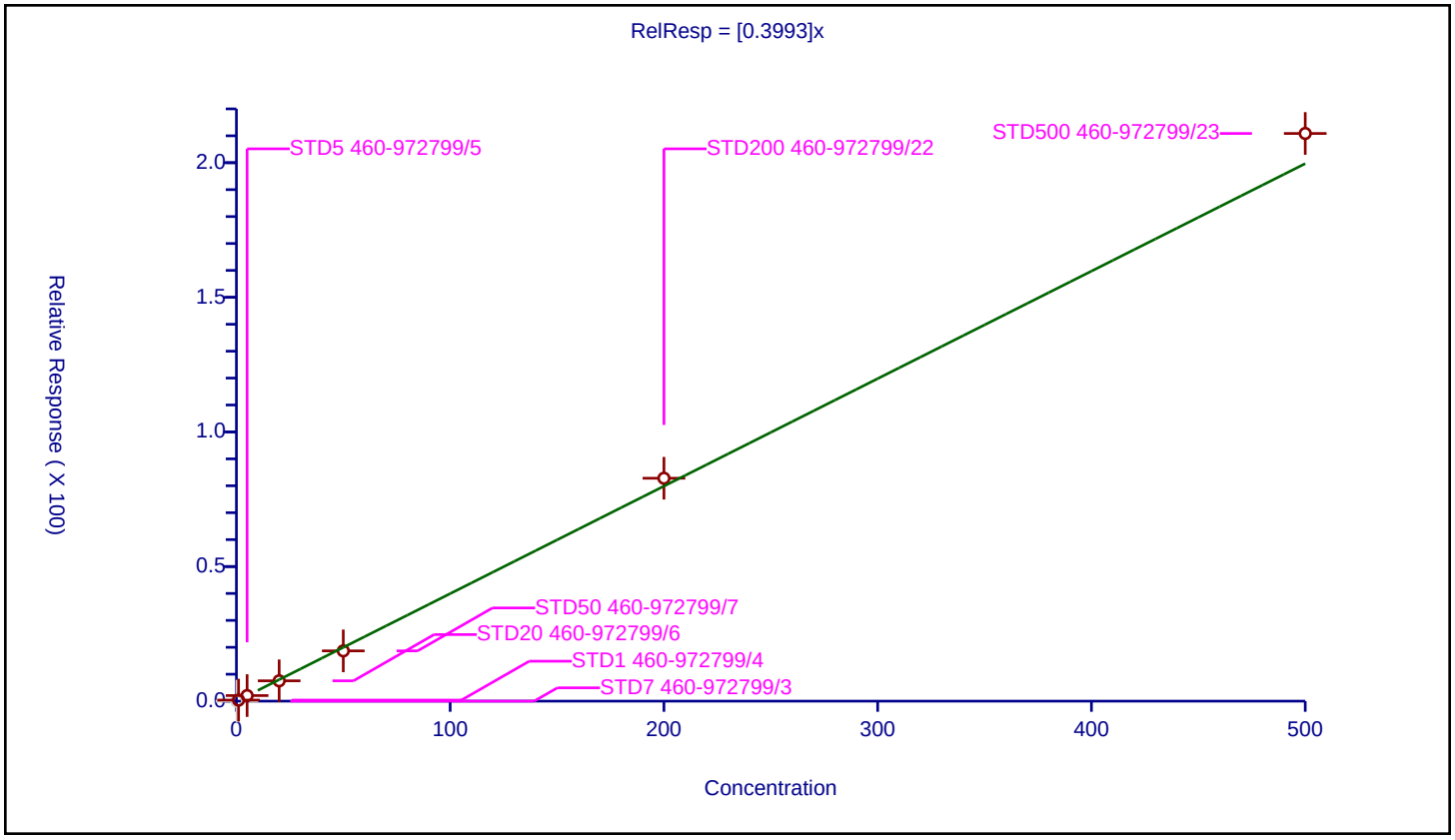
Curve Coefficients

Intercept:	0
Slope:	0.3993

Error Coefficients

Relative Standard Deviation:	5.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.25	0.0	50.0	624248.0	0.0	N
2	STD1 460-972799/4	1.0	0.395366	50.0	619046.0	0.395366	Y
3	STD5 460-972799/5	5.0	2.069482	50.0	621919.0	0.413896	Y
4	STD20 460-972799/6	20.0	7.548796	50.0	624391.0	0.37744	Y
5	STD50 460-972799/7	50.0	18.675374	50.0	635666.0	0.373507	Y
6	STD200 460-972799/22	200.0	82.802364	50.0	647275.0	0.414012	Y
7	STD500 460-972799/23	500.0	210.8715	50.0	676328.0	0.421743	Y



Calibration / Vinyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

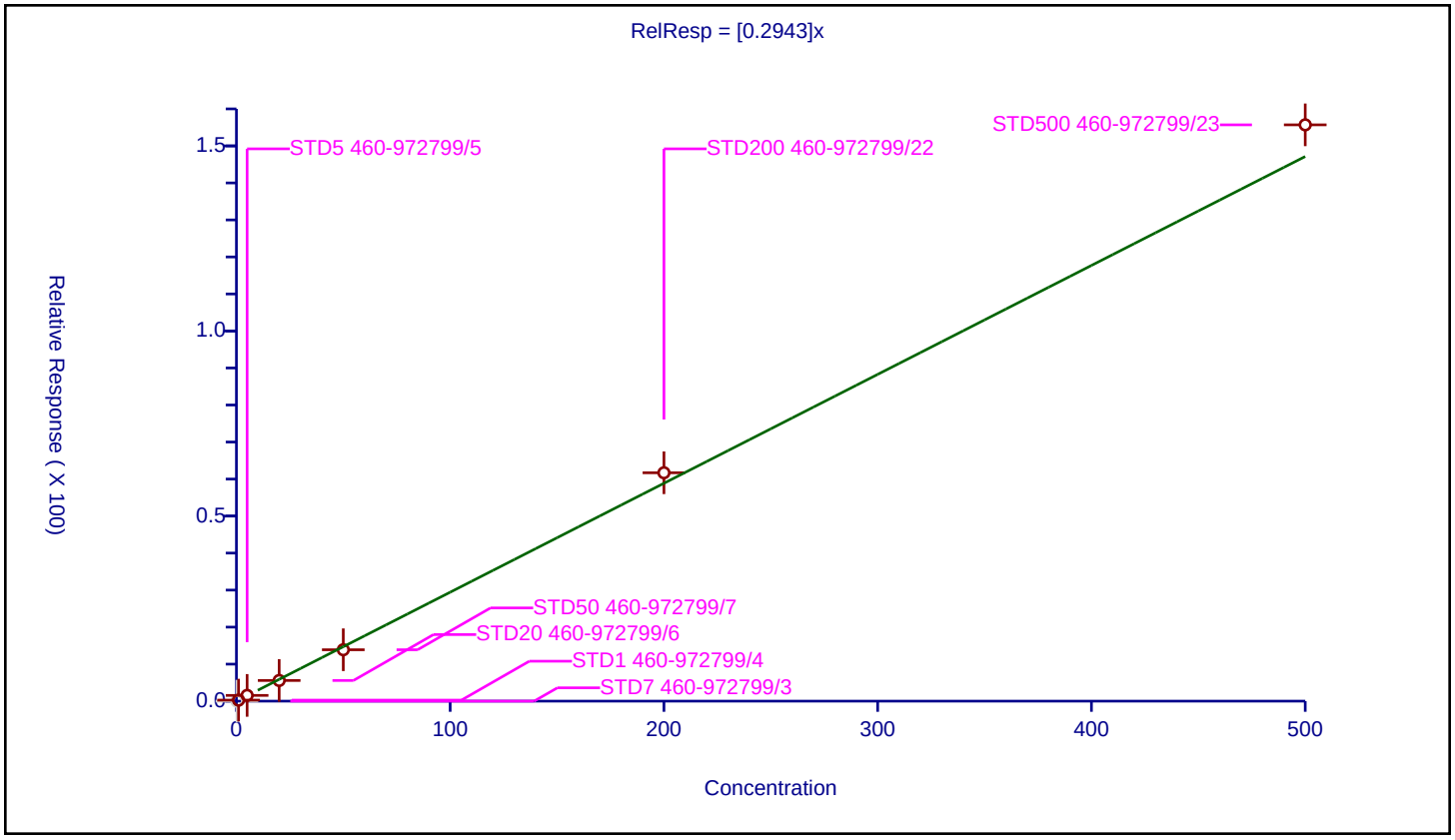
Curve Coefficients

Intercept:	0
Slope:	0.2943

Error Coefficients

Relative Standard Deviation:	5.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.25	0.0	50.0	624248.0	0.0	N
2	STD1 460-972799/4	1.0	0.278574	50.0	619046.0	0.278574	Y
3	STD5 460-972799/5	5.0	1.551488	50.0	621919.0	0.310298	Y
4	STD20 460-972799/6	20.0	5.58328	50.0	624391.0	0.279164	Y
5	STD50 460-972799/7	50.0	13.883785	50.0	635666.0	0.277676	Y
6	STD200 460-972799/22	200.0	61.70005	50.0	647275.0	0.3085	Y
7	STD500 460-972799/23	500.0	155.687255	50.0	676328.0	0.311375	Y



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Calibration / Butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

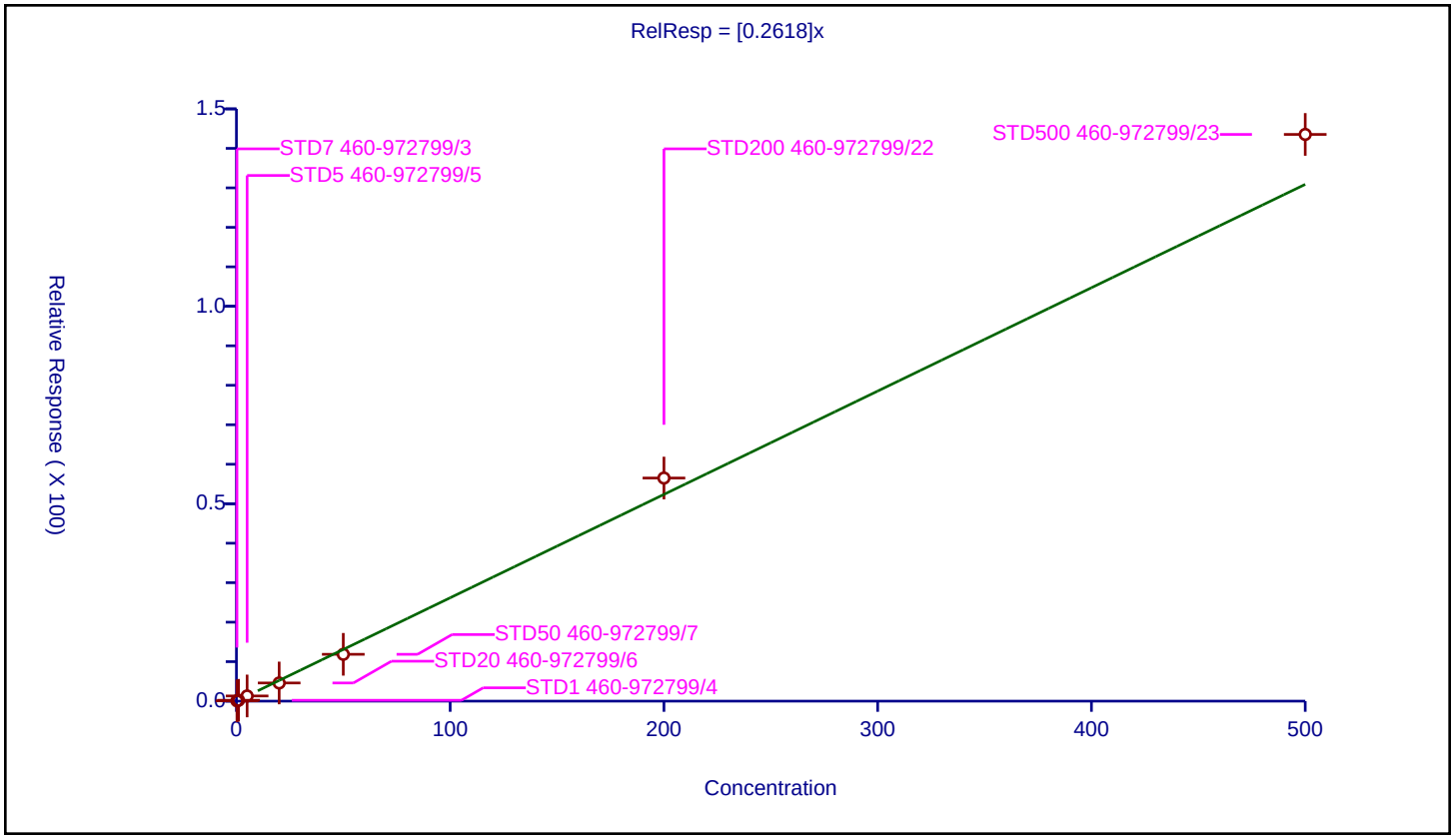
Curve Coefficients

Intercept:	0
Slope:	0.2618

Error Coefficients

Relative Standard Deviation:	12.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.25	0.077613	50.0	624248.0	0.310454	Y
2	STD1 460-972799/4	1.0	0.222278	50.0	619046.0	0.222278	Y
3	STD5 460-972799/5	5.0	1.313274	50.0	621919.0	0.262655	Y
4	STD20 460-972799/6	20.0	4.602965	50.0	624391.0	0.230148	Y
5	STD50 460-972799/7	50.0	11.861968	50.0	635666.0	0.237239	Y
6	STD200 460-972799/22	200.0	56.507358	50.0	647275.0	0.282537	Y
7	STD500 460-972799/23	500.0	143.533019	50.0	676328.0	0.287066	Y



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Calibration / Bromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

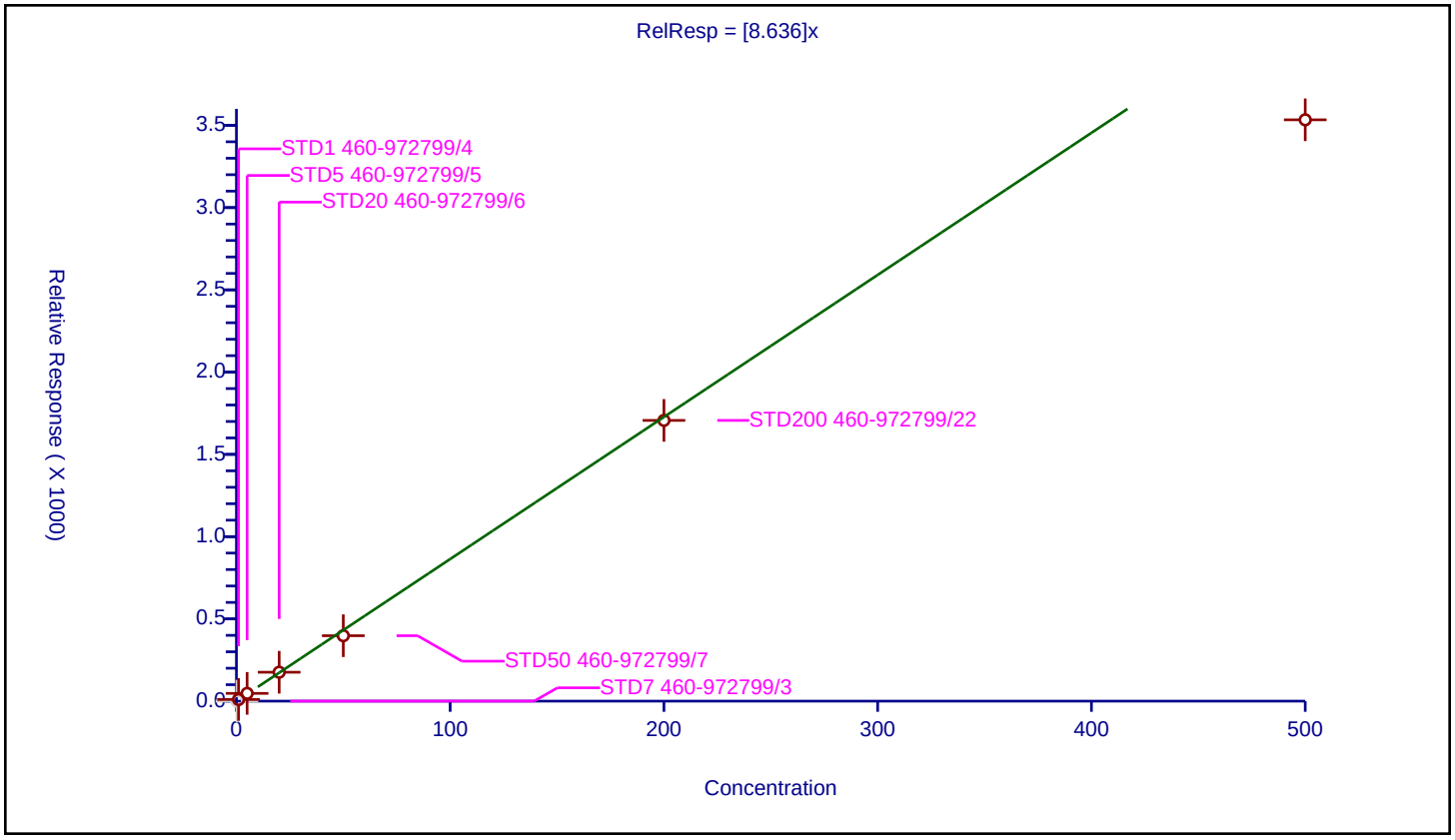
Curve Coefficients

Intercept:	0
Slope:	8.636

Error Coefficients

Relative Standard Deviation:	12.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.25	0.0	1000.0	246466.0	0.0	N
2	STD1 460-972799/4	1.0	10.022912	1000.0	250526.0	10.022912	Y
3	STD5 460-972799/5	5.0	47.266966	1000.0	253729.0	9.453393	Y
4	STD20 460-972799/6	20.0	175.717215	1000.0	257977.0	8.785861	Y
5	STD50 460-972799/7	50.0	397.691631	1000.0	264949.0	7.953833	Y
6	STD200 460-972799/22	200.0	1706.515915	1000.0	281787.0	8.53258	Y
7	STD500 460-972799/23	500.0	3533.661625	1000.0	313339.0	7.067323	Y



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Calibration / Chloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

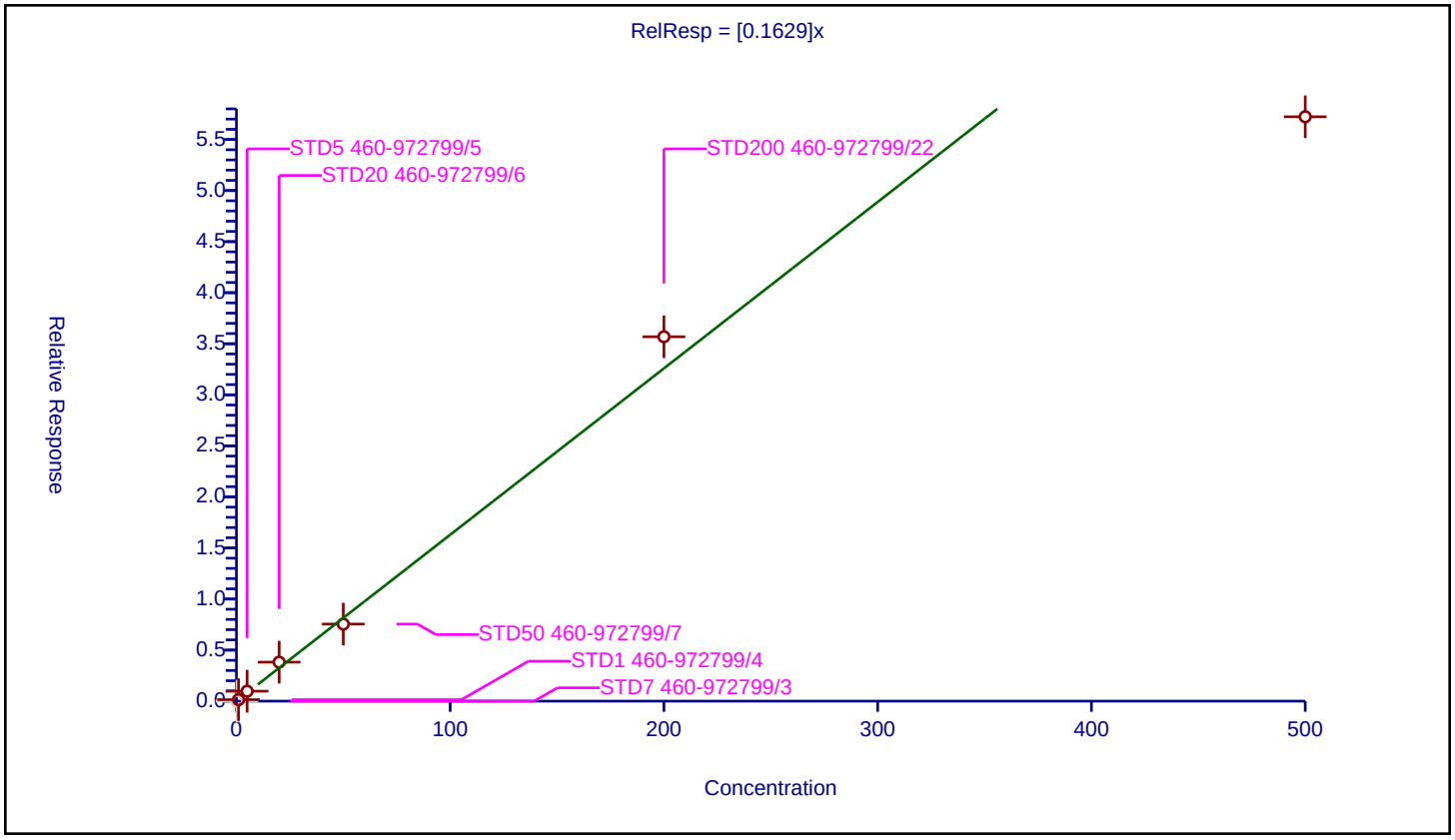
Curve Coefficients

Intercept:	0
Slope:	0.1629

Error Coefficients

Relative Standard Deviation:	18.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.25	0.0	50.0	624248.0	0.0	N
2	STD1 460-972799/4	1.0	0.148293	50.0	619046.0	0.148293	Y
3	STD5 460-972799/5	5.0	0.973439	50.0	621919.0	0.194688	Y
4	STD20 460-972799/6	20.0	3.816839	50.0	624391.0	0.190842	Y
5	STD50 460-972799/7	50.0	7.546731	50.0	635666.0	0.150935	Y
6	STD200 460-972799/22	200.0	35.686378	50.0	647275.0	0.178432	Y
7	STD500 460-972799/23	500.0	57.228002	50.0	676328.0	0.114456	Y



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Calibration / Pentane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

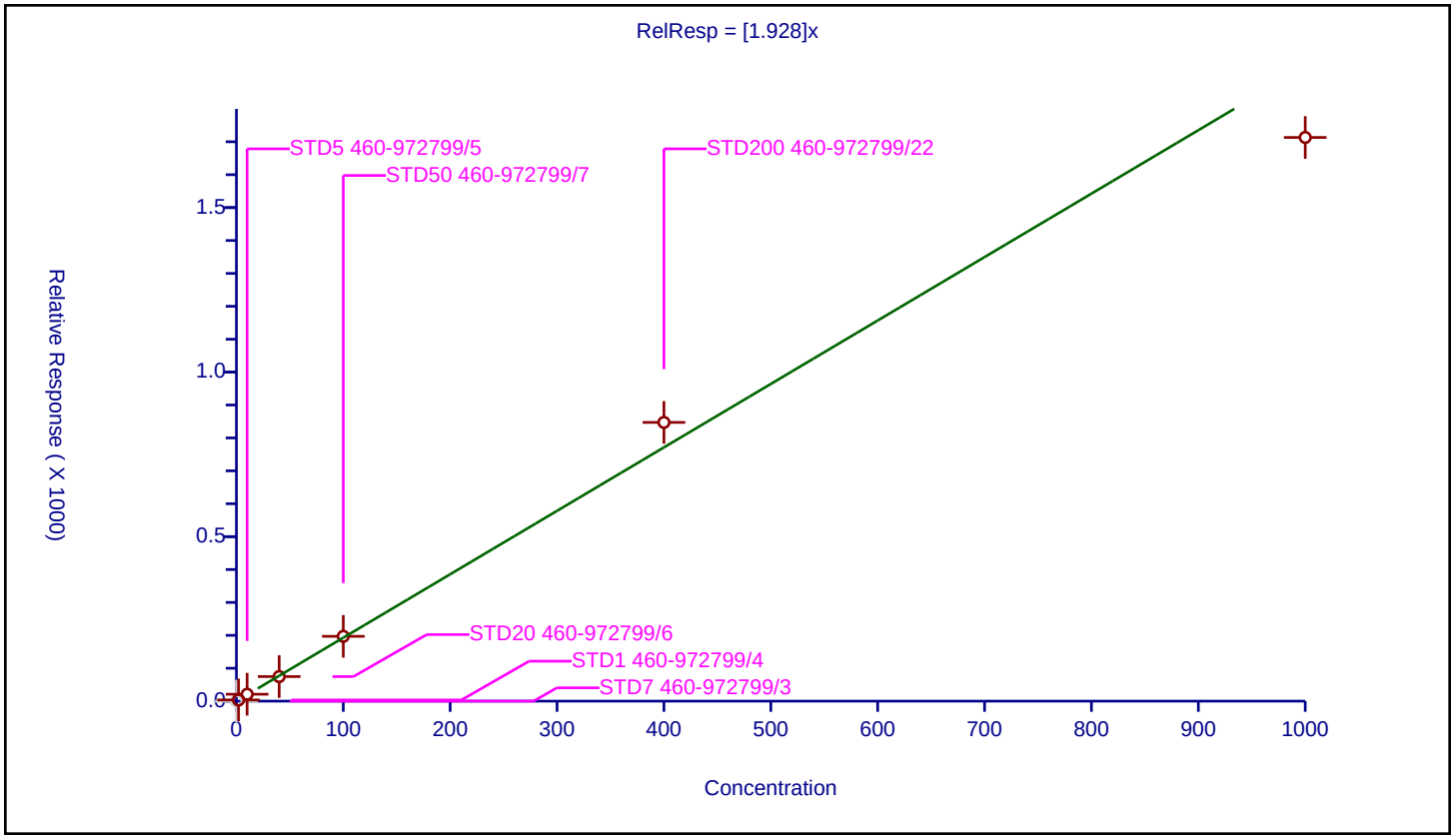
Curve Coefficients

Intercept:	0
Slope:	1.928

Error Coefficients

Relative Standard Deviation:	8.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	1000.0	246466.0	NaN	N
2	STD1 460-972799/4	2.0	3.596433	1000.0	250526.0	1.798217	Y
3	STD5 460-972799/5	10.0	21.006665	1000.0	253729.0	2.100666	Y
4	STD20 460-972799/6	40.0	74.712087	1000.0	257977.0	1.867802	Y
5	STD50 460-972799/7	100.0	197.022823	1000.0	264949.0	1.970228	Y
6	STD200 460-972799/22	400.0	847.139861	1000.0	281787.0	2.11785	Y
7	STD500 460-972799/23	1000.0	1713.173272	1000.0	313339.0	1.713173	Y



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Calibration / Trichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

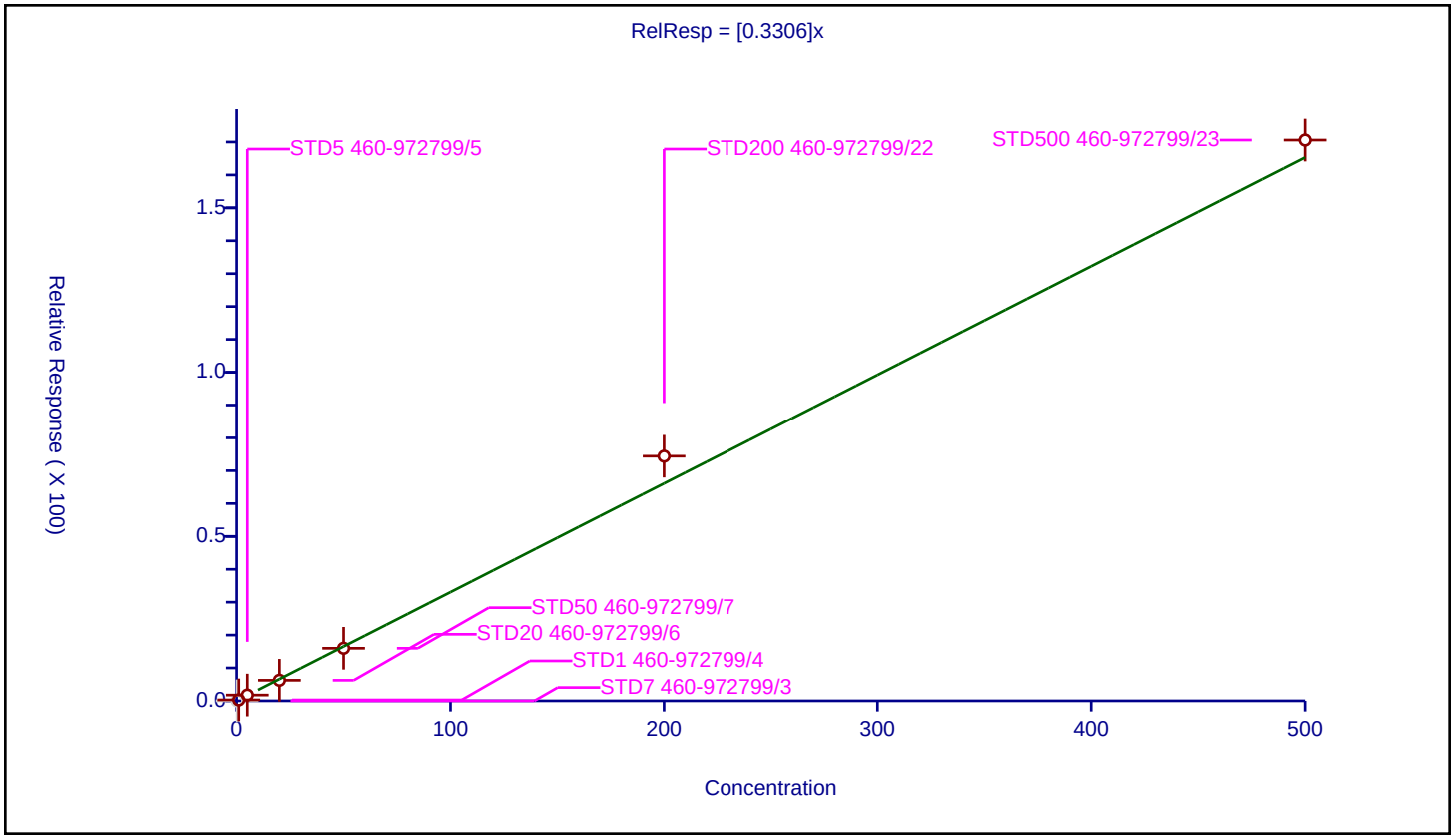
Curve Coefficients

Intercept:	0
Slope:	0.3306

Error Coefficients

Relative Standard Deviation:	9.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.25	0.0	50.0	624248.0	0.0	N
2	STD1 460-972799/4	1.0	0.286812	50.0	619046.0	0.286812	Y
3	STD5 460-972799/5	5.0	1.758026	50.0	621919.0	0.351605	Y
4	STD20 460-972799/6	20.0	6.24961	50.0	624391.0	0.31248	Y
5	STD50 460-972799/7	50.0	15.97954	50.0	635666.0	0.319591	Y
6	STD200 460-972799/22	200.0	74.416438	50.0	647275.0	0.372082	Y
7	STD500 460-972799/23	500.0	170.59622	50.0	676328.0	0.341192	Y



Calibration / Dichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

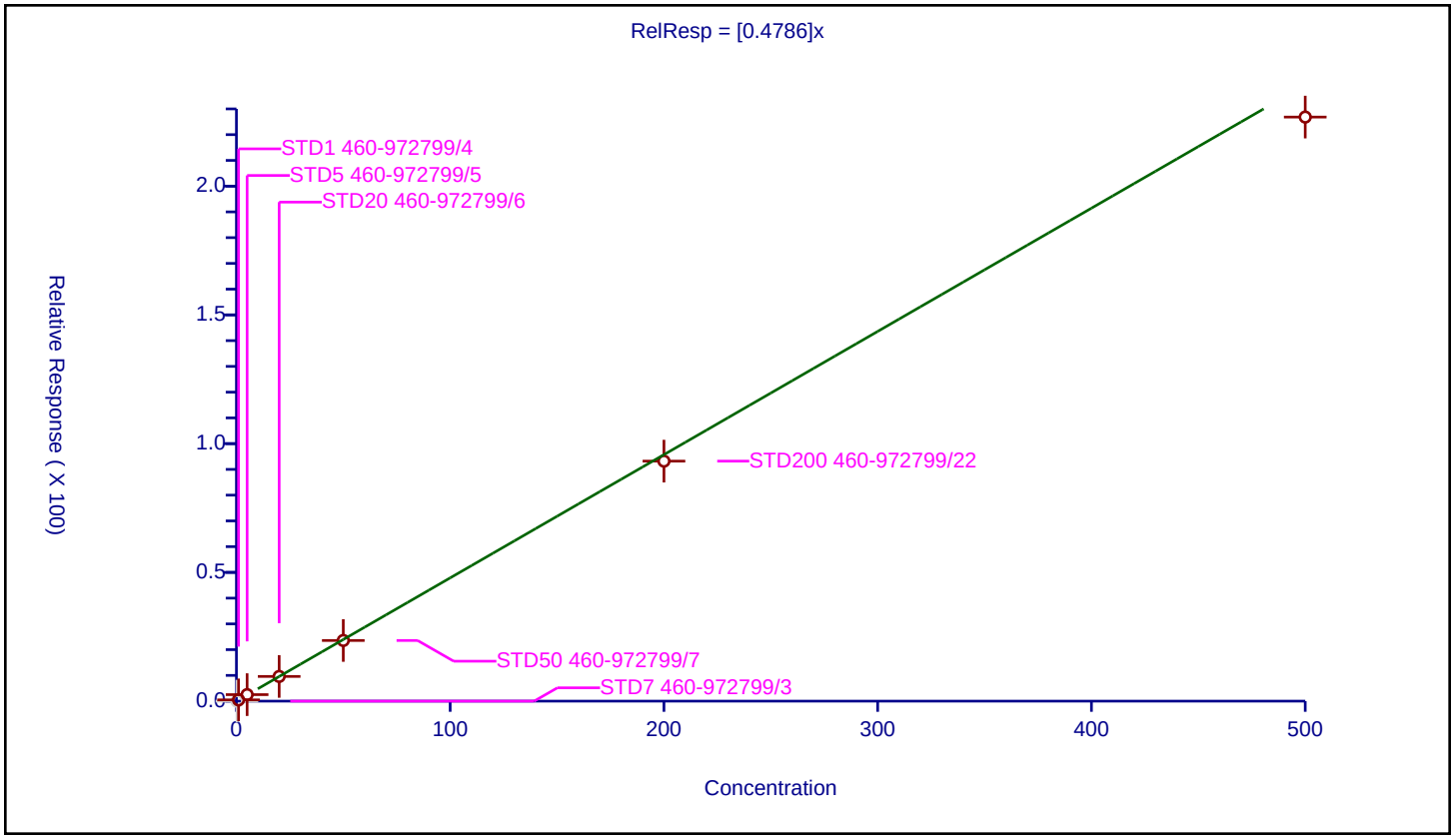
Curve Coefficients

Intercept:	0
Slope:	0.4786

Error Coefficients

Relative Standard Deviation:	4.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.25	0.0	50.0	624248.0	0.0	N
2	STD1 460-972799/4	1.0	0.495601	50.0	619046.0	0.495601	Y
3	STD5 460-972799/5	5.0	2.526374	50.0	621919.0	0.505275	Y
4	STD20 460-972799/6	20.0	9.596791	50.0	624391.0	0.47984	Y
5	STD50 460-972799/7	50.0	23.560801	50.0	635666.0	0.471216	Y
6	STD200 460-972799/22	200.0	93.212159	50.0	647275.0	0.466061	Y
7	STD500 460-972799/23	500.0	226.824854	50.0	676328.0	0.45365	Y



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Calibration / 2-Methyl-1,3-butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

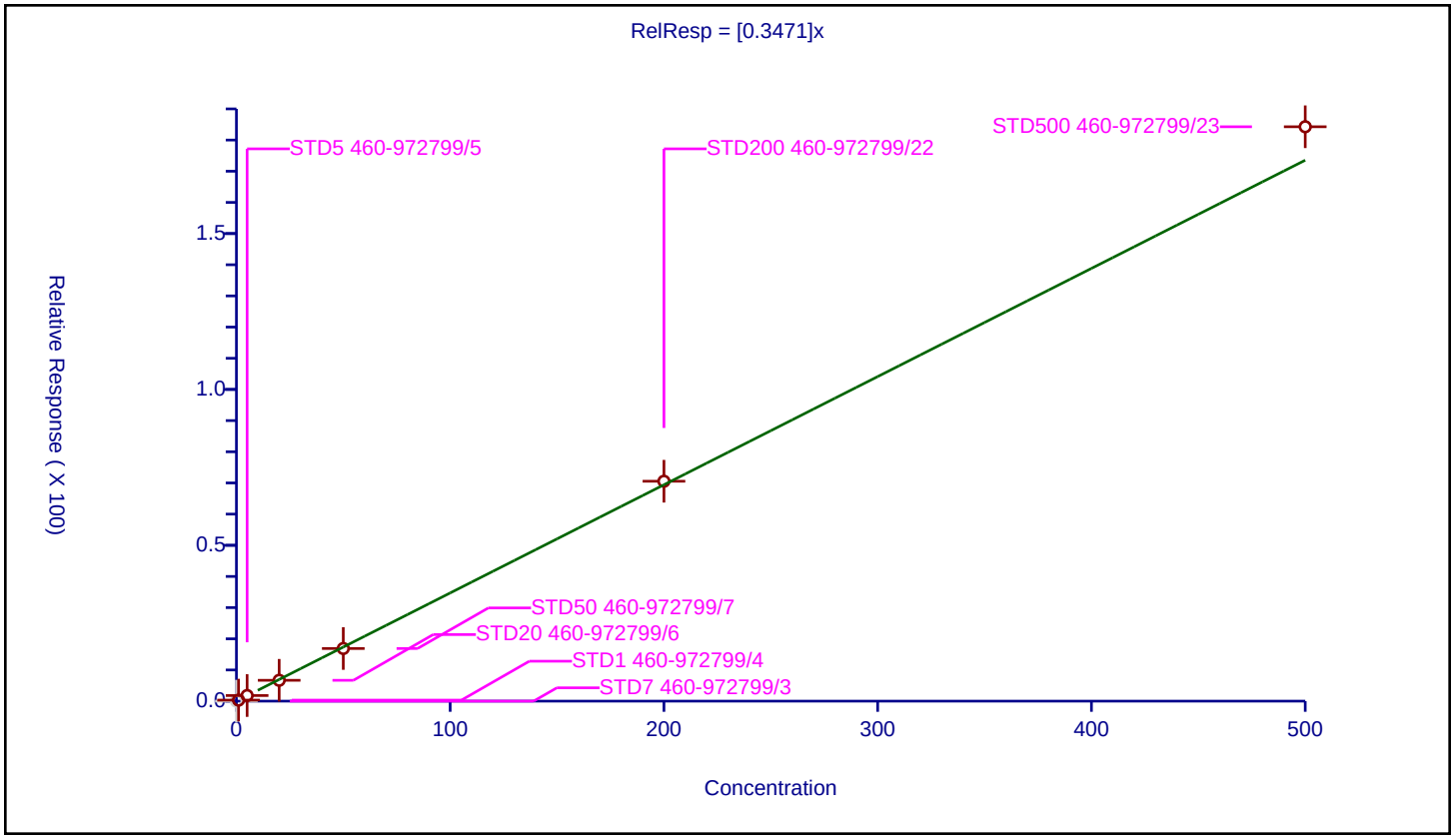
Curve Coefficients

Intercept:	0
Slope:	0.3471

Error Coefficients

Relative Standard Deviation:	4.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	50.0	624248.0	NaN	N
2	STD1 460-972799/4	1.0	0.329943	50.0	619046.0	0.329943	Y
3	STD5 460-972799/5	5.0	1.794928	50.0	621919.0	0.358986	Y
4	STD20 460-972799/6	20.0	6.689078	50.0	624391.0	0.334454	Y
5	STD50 460-972799/7	50.0	16.887721	50.0	635666.0	0.337754	Y
6	STD200 460-972799/22	200.0	70.546831	50.0	647275.0	0.352734	Y
7	STD500 460-972799/23	500.0	184.27065	50.0	676328.0	0.368541	Y



Calibration / Ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

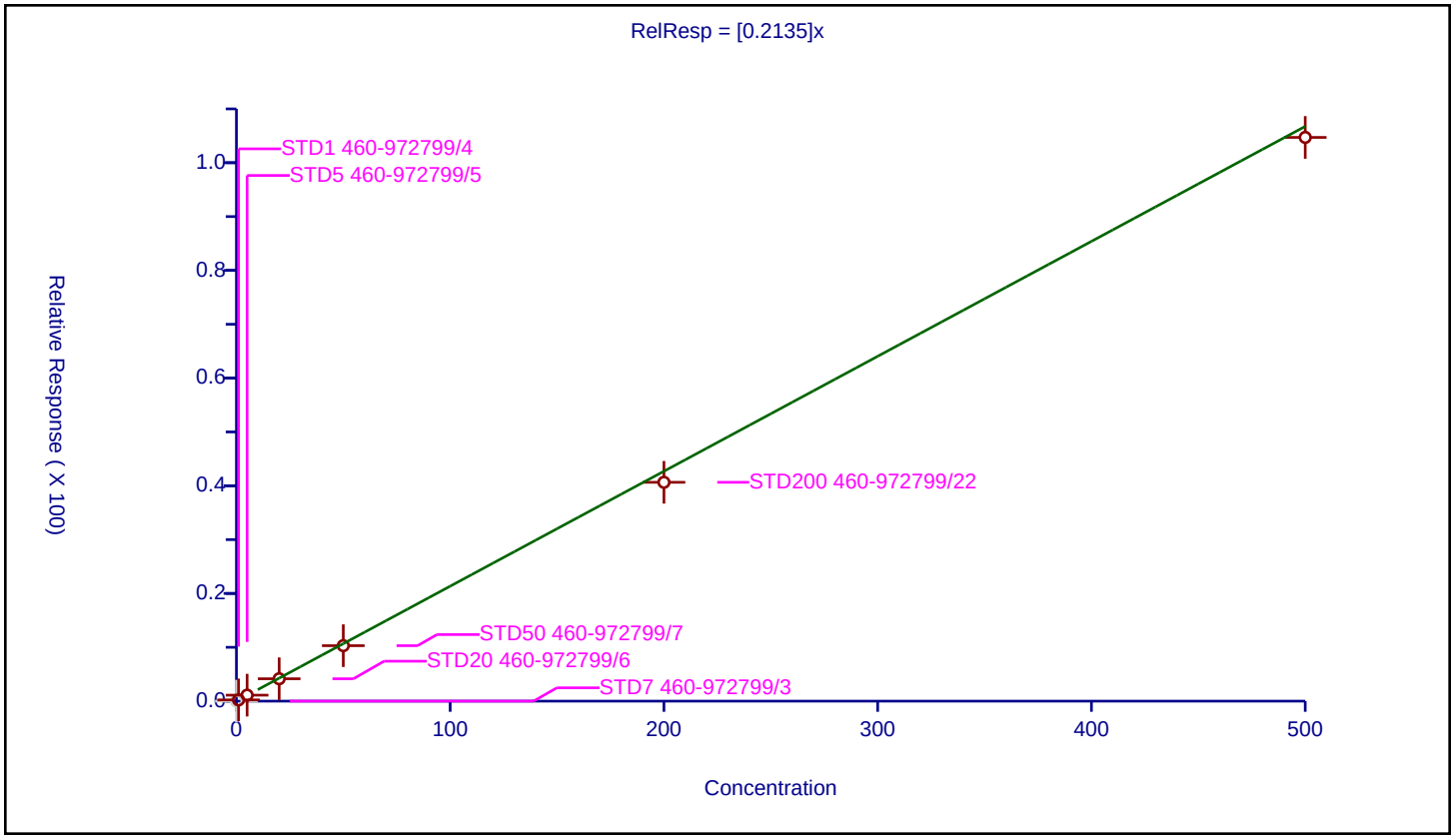
Curve Coefficients

Intercept:	0
Slope:	0.2135

Error Coefficients

Relative Standard Deviation:	5.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	50.0	624248.0	NaN	N
2	STD1 460-972799/4	1.0	0.23197	50.0	619046.0	0.23197	Y
3	STD5 460-972799/5	5.0	1.112042	50.0	621919.0	0.222408	Y
4	STD20 460-972799/6	20.0	4.159013	50.0	624391.0	0.207951	Y
5	STD50 460-972799/7	50.0	10.301479	50.0	635666.0	0.20603	Y
6	STD200 460-972799/22	200.0	40.643081	50.0	647275.0	0.203215	Y
7	STD500 460-972799/23	500.0	104.702822	50.0	676328.0	0.209406	Y



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Calibration / Ethanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

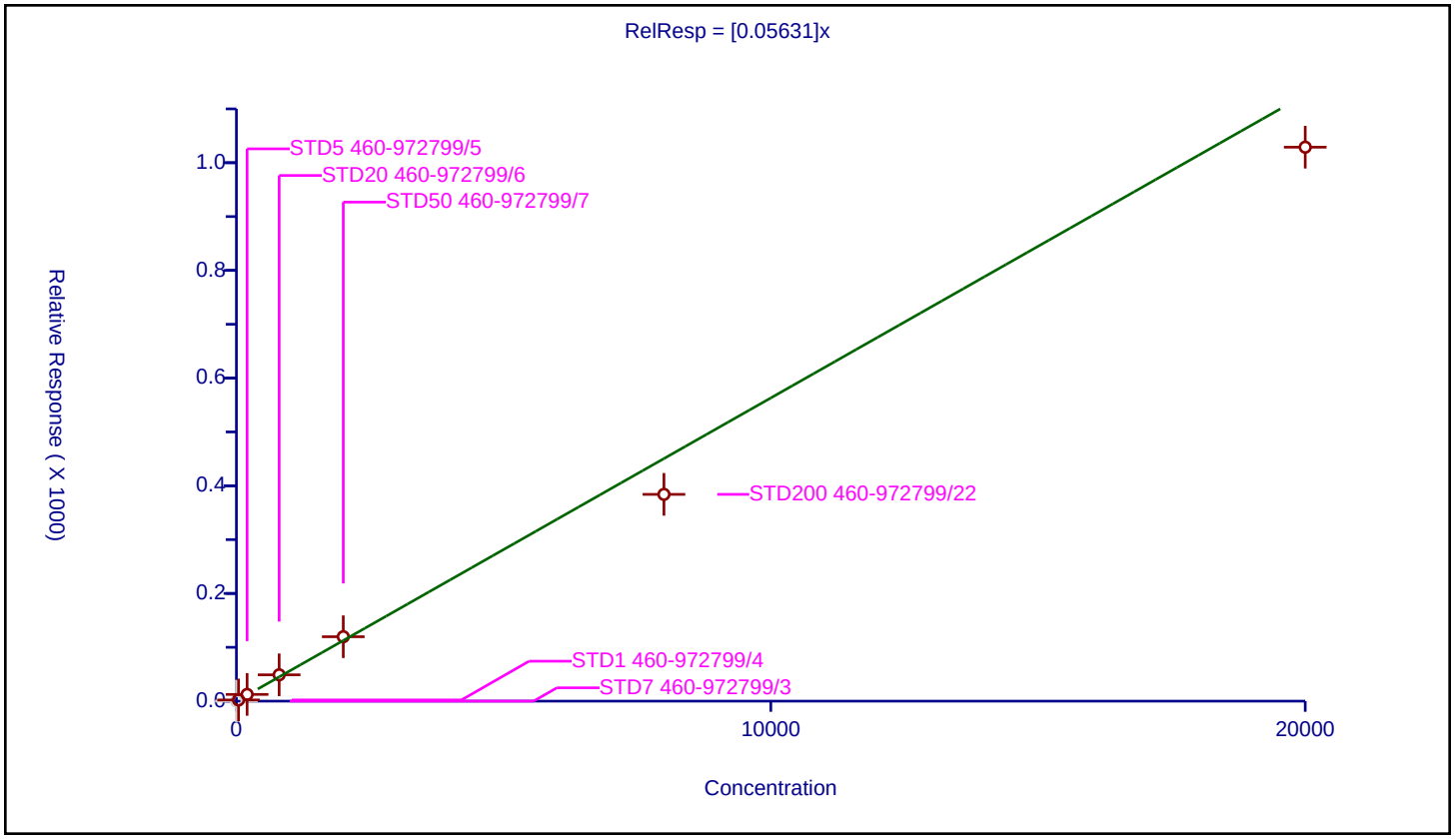
Curve Coefficients

Intercept:	0
Slope:	0.05631

Error Coefficients

Relative Standard Deviation:	10.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	1000.0	246466.0	NaN	N
2	STD1 460-972799/4	40.0	2.199373	1000.0	250526.0	0.054984	Y
3	STD5 460-972799/5	200.0	12.497586	1000.0	253729.0	0.062488	Y
4	STD20 460-972799/6	800.0	48.91909	1000.0	257977.0	0.061149	Y
5	STD50 460-972799/7	2000.0	119.623022	1000.0	264949.0	0.059812	Y
6	STD200 460-972799/22	8000.0	384.024103	1000.0	281787.0	0.048003	Y
7	STD500 460-972799/23	20000.0	1028.879265	1000.0	313339.0	0.051444	Y



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Calibration / 1,1-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

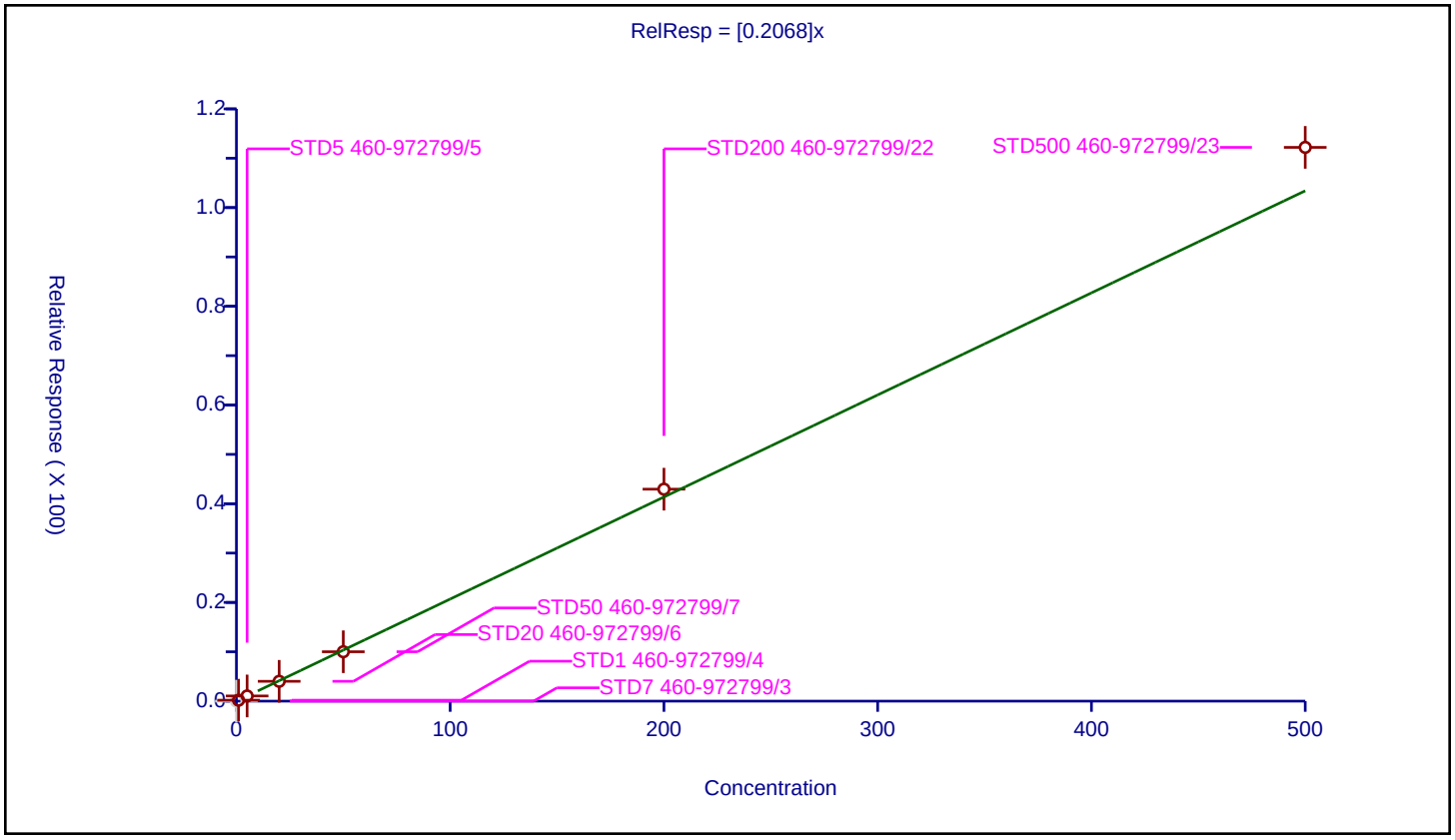
Curve Coefficients

Intercept:	0
Slope:	0.2068

Error Coefficients

Relative Standard Deviation:	5.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	50.0	624248.0	NaN	N
2	STD1 460-972799/4	1.0	0.190374	50.0	619046.0	0.190374	Y
3	STD5 460-972799/5	5.0	1.051343	50.0	621919.0	0.210269	Y
4	STD20 460-972799/6	20.0	4.016954	50.0	624391.0	0.200848	Y
5	STD50 460-972799/7	50.0	10.009187	50.0	635666.0	0.200184	Y
6	STD200 460-972799/22	200.0	42.946815	50.0	647275.0	0.214734	Y
7	STD500 460-972799/23	500.0	112.19948	50.0	676328.0	0.224399	Y



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Calibration / 1,2-Dichloro-1,1,2-trifluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

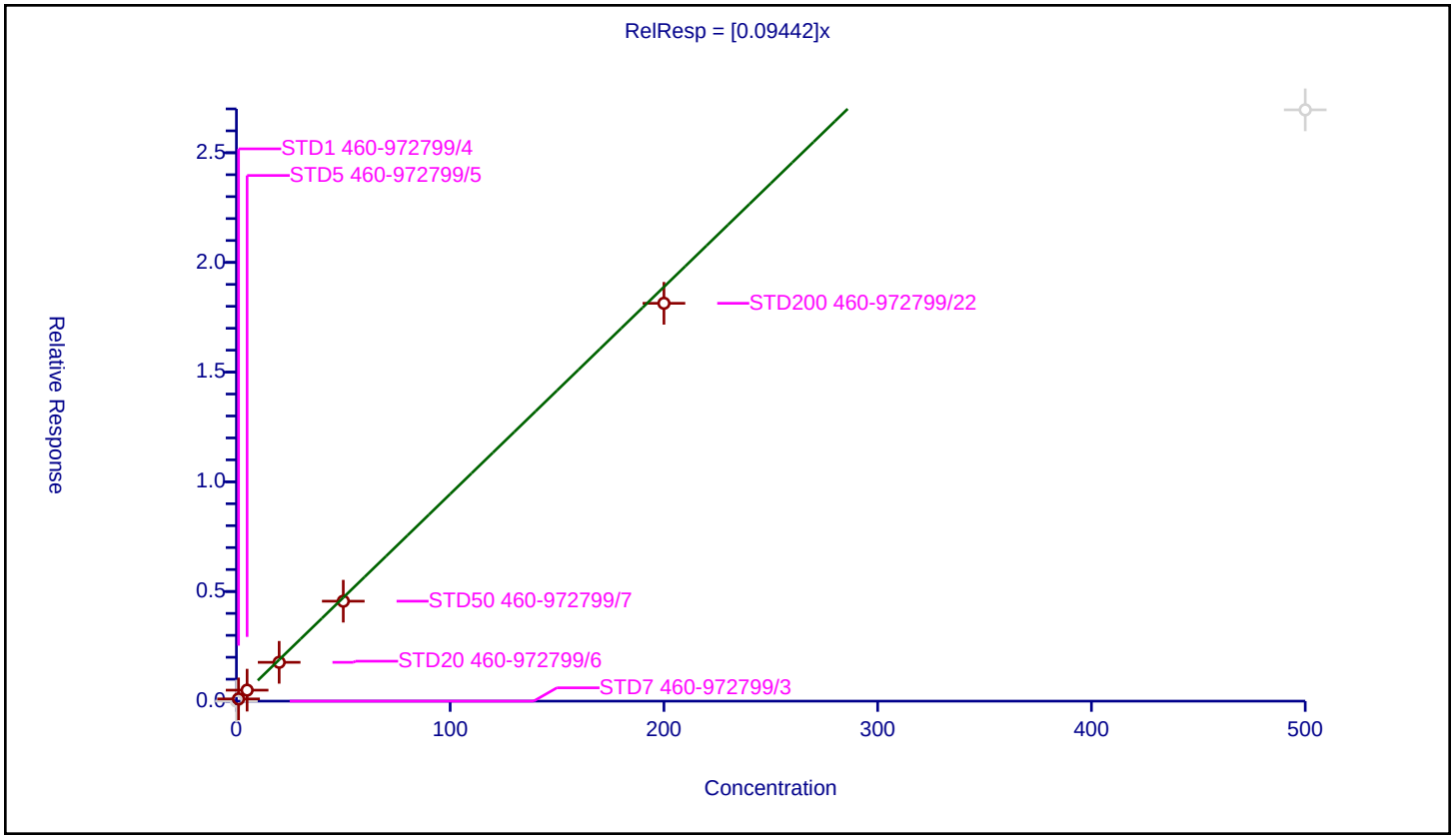
Curve Coefficients

Intercept:	0
Slope:	0.09442

Error Coefficients

Relative Standard Deviation:	6.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	50.0	624248.0	NaN	N
2	STD1 460-972799/4	1.0	0.101527	50.0	619046.0	0.101527	Y
3	STD5 460-972799/5	5.0	0.501432	50.0	621919.0	0.100286	Y
4	STD20 460-972799/6	20.0	1.769244	50.0	624391.0	0.088462	Y
5	STD50 460-972799/7	50.0	4.556796	50.0	635666.0	0.091136	Y
6	STD200 460-972799/22	200.0	18.137345	50.0	647275.0	0.090687	Y
7	STD500 460-972799/23	500.0	26.95593	50.0	676328.0	0.053912	N



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Calibration / Carbon disulfide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

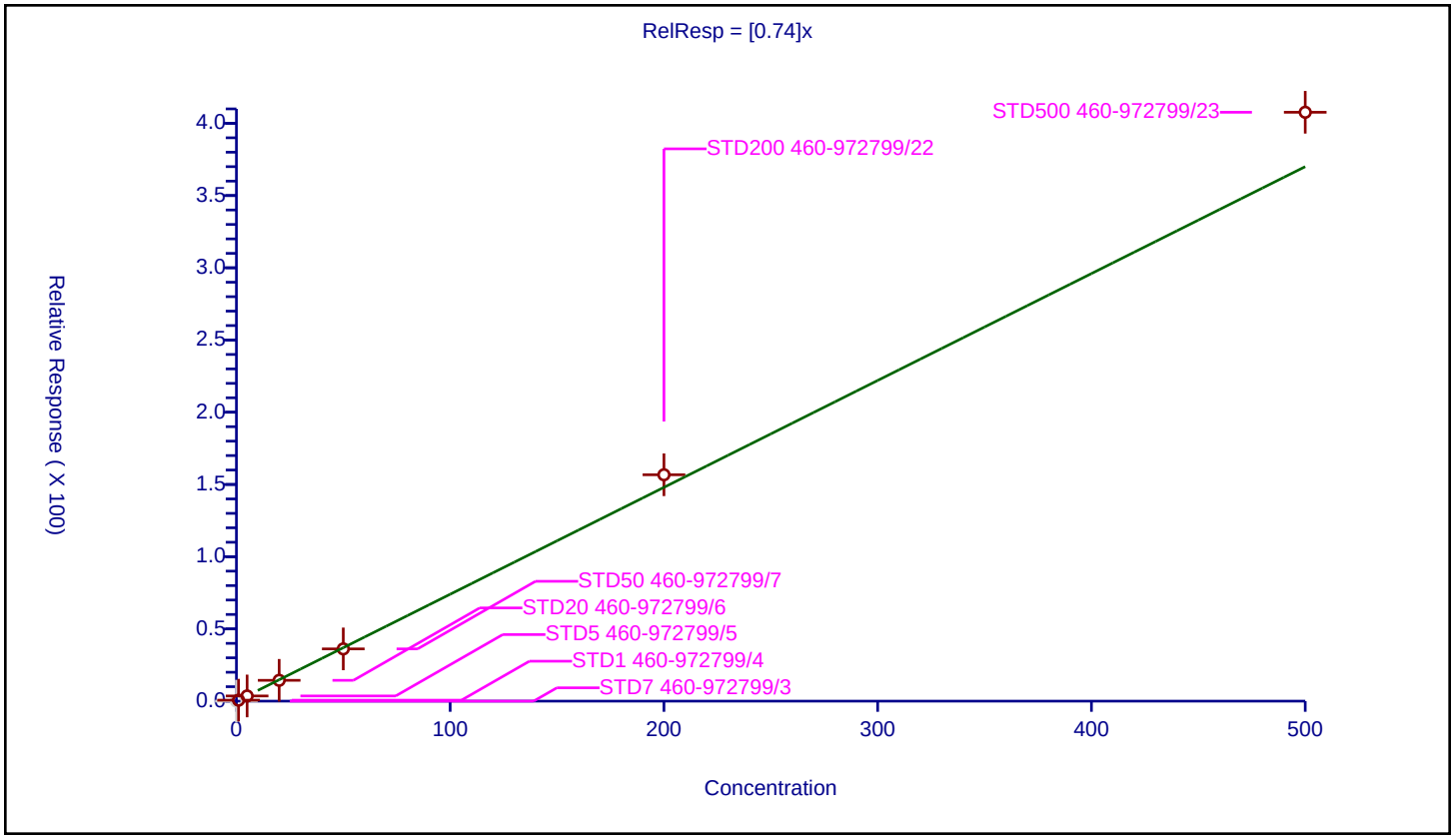
Curve Coefficients

Intercept:	0
Slope:	0.74

Error Coefficients

Relative Standard Deviation:	6.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	50.0	624248.0	NaN	N
2	STD1 460-972799/4	1.0	0.679352	50.0	619046.0	0.679352	Y
3	STD5 460-972799/5	5.0	3.588892	50.0	621919.0	0.717778	Y
4	STD20 460-972799/6	20.0	14.414205	50.0	624391.0	0.72071	Y
5	STD50 460-972799/7	50.0	36.166005	50.0	635666.0	0.72332	Y
6	STD200 460-972799/22	200.0	156.720637	50.0	647275.0	0.783603	Y
7	STD500 460-972799/23	500.0	407.65213	50.0	676328.0	0.815304	Y



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Calibration / 1,1,2-Trichloro-1,2,2-trifluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

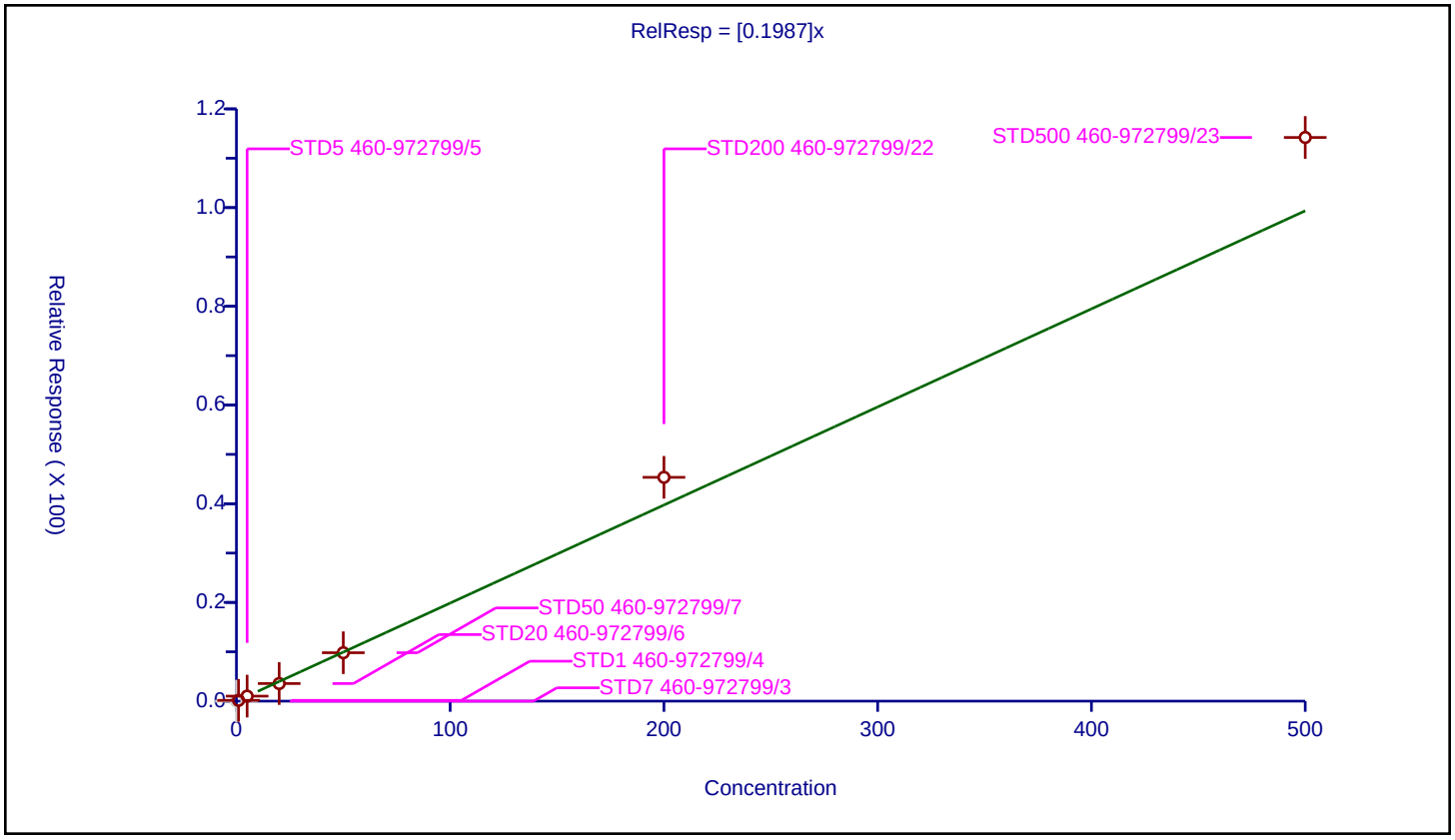
Curve Coefficients

Intercept:	0
Slope:	0.1987

Error Coefficients

Relative Standard Deviation:	13.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	50.0	624248.0	NaN	N
2	STD1 460-972799/4	1.0	0.158712	50.0	619046.0	0.158712	Y
3	STD5 460-972799/5	5.0	1.019667	50.0	621919.0	0.203933	Y
4	STD20 460-972799/6	20.0	3.565394	50.0	624391.0	0.17827	Y
5	STD50 460-972799/7	50.0	9.8057	50.0	635666.0	0.196114	Y
6	STD200 460-972799/22	200.0	45.347959	50.0	647275.0	0.22674	Y
7	STD500 460-972799/23	500.0	114.211965	50.0	676328.0	0.228424	Y



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Calibration / 1,1,1-Trifluoro-2,2-dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

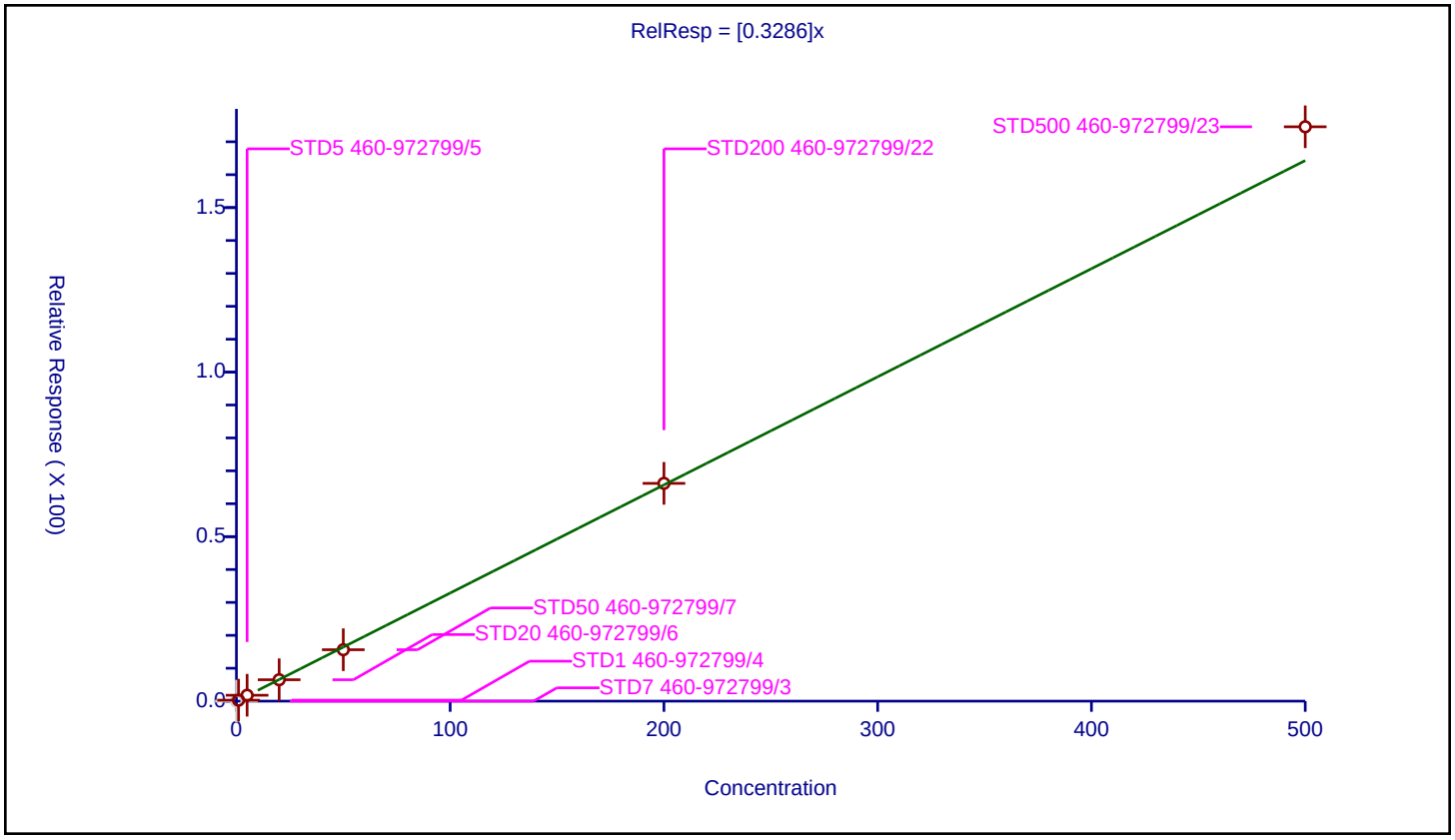
Curve Coefficients

Intercept:	0
Slope:	0.3286

Error Coefficients

Relative Standard Deviation:	7.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	50.0	624248.0	NaN	N
2	STD1 460-972799/4	1.0	0.295132	50.0	619046.0	0.295132	Y
3	STD5 460-972799/5	5.0	1.792195	50.0	621919.0	0.358439	Y
4	STD20 460-972799/6	20.0	6.50634	50.0	624391.0	0.325317	Y
5	STD50 460-972799/7	50.0	15.628569	50.0	635666.0	0.312571	Y
6	STD200 460-972799/22	200.0	66.188637	50.0	647275.0	0.330943	Y
7	STD500 460-972799/23	500.0	174.556354	50.0	676328.0	0.349113	Y



Calibration / Iodomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

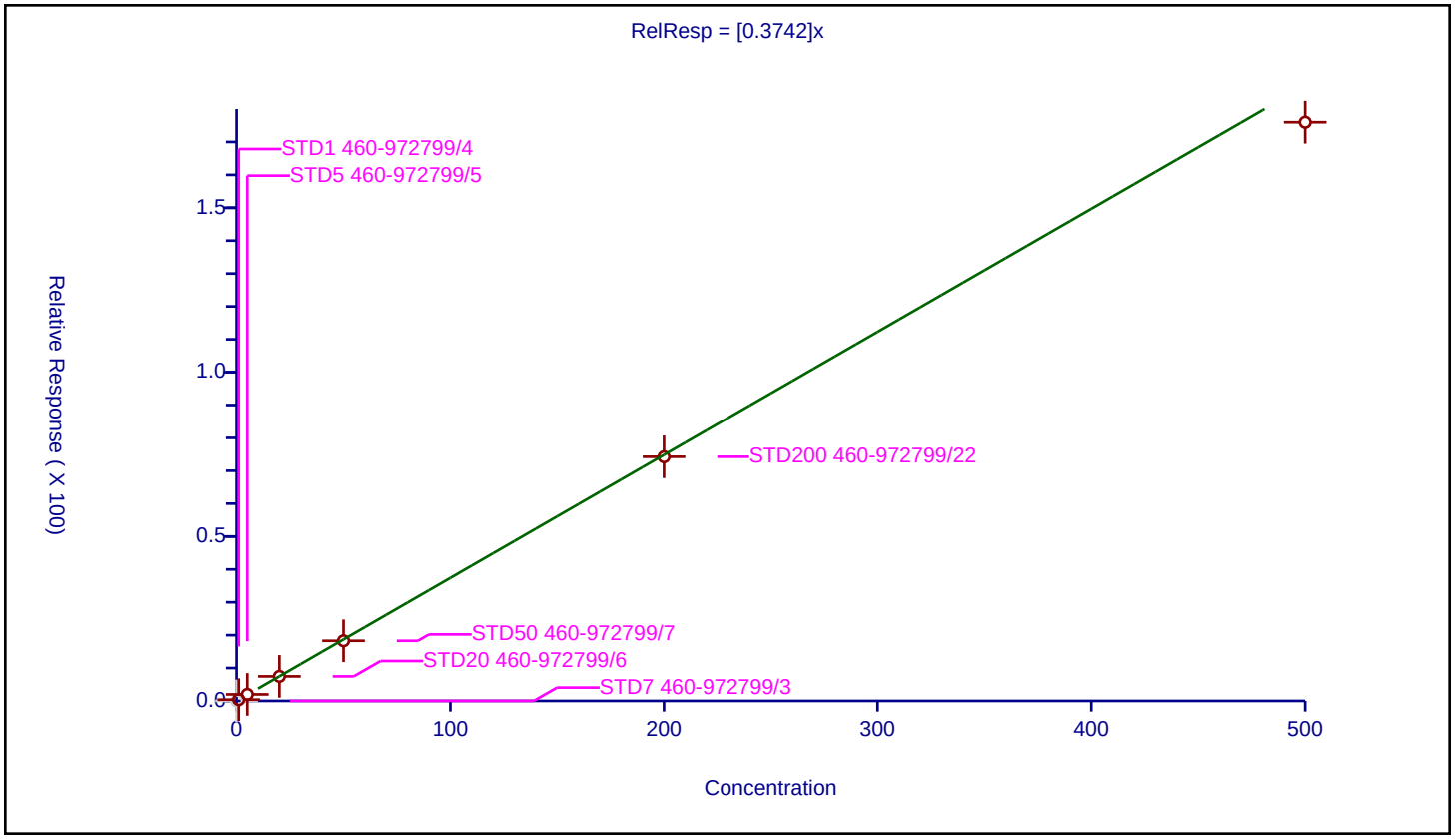
Curve Coefficients

Intercept:	0
Slope:	0.3742

Error Coefficients

Relative Standard Deviation:	4.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	50.0	624248.0	NaN	N
2	STD1 460-972799/4	1.0	0.387289	50.0	619046.0	0.387289	Y
3	STD5 460-972799/5	5.0	1.979518	50.0	621919.0	0.395904	Y
4	STD20 460-972799/6	20.0	7.462632	50.0	624391.0	0.373132	Y
5	STD50 460-972799/7	50.0	18.288299	50.0	635666.0	0.365766	Y
6	STD200 460-972799/22	200.0	74.249121	50.0	647275.0	0.371246	Y
7	STD500 460-972799/23	500.0	175.990644	50.0	676328.0	0.351981	Y



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Calibration / Cyclopentene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

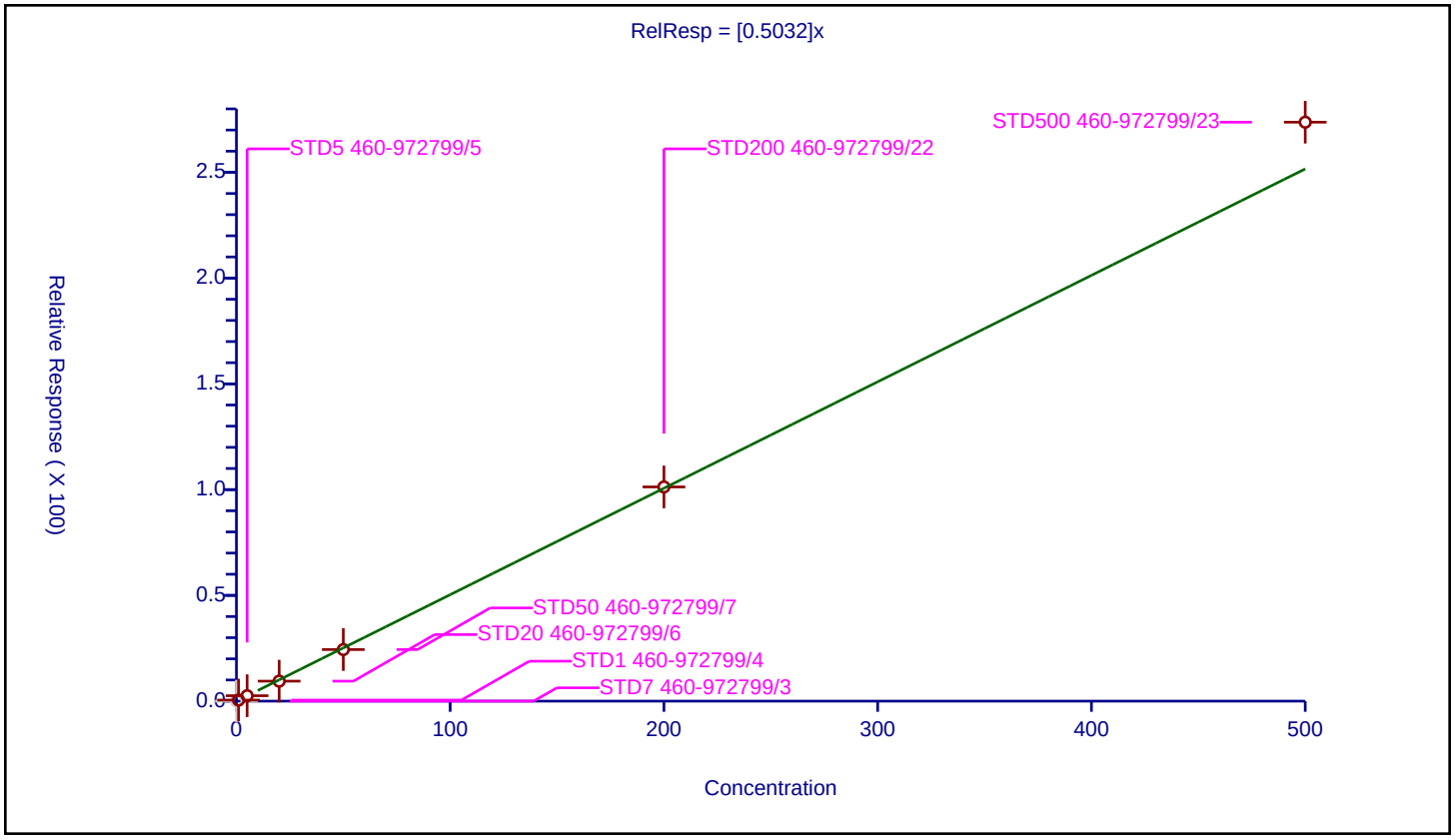
Curve Coefficients

Intercept:	0
Slope:	0.5032

Error Coefficients

Relative Standard Deviation:	5.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	50.0	624248.0	NaN	N
2	STD1 460-972799/4	1.0	0.493582	50.0	619046.0	0.493582	Y
3	STD5 460-972799/5	5.0	2.559819	50.0	621919.0	0.511964	Y
4	STD20 460-972799/6	20.0	9.450649	50.0	624391.0	0.472532	Y
5	STD50 460-972799/7	50.0	24.382144	50.0	635666.0	0.487643	Y
6	STD200 460-972799/22	200.0	101.267776	50.0	647275.0	0.506339	Y
7	STD500 460-972799/23	500.0	273.713716	50.0	676328.0	0.547427	Y



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Calibration / Acrolein

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

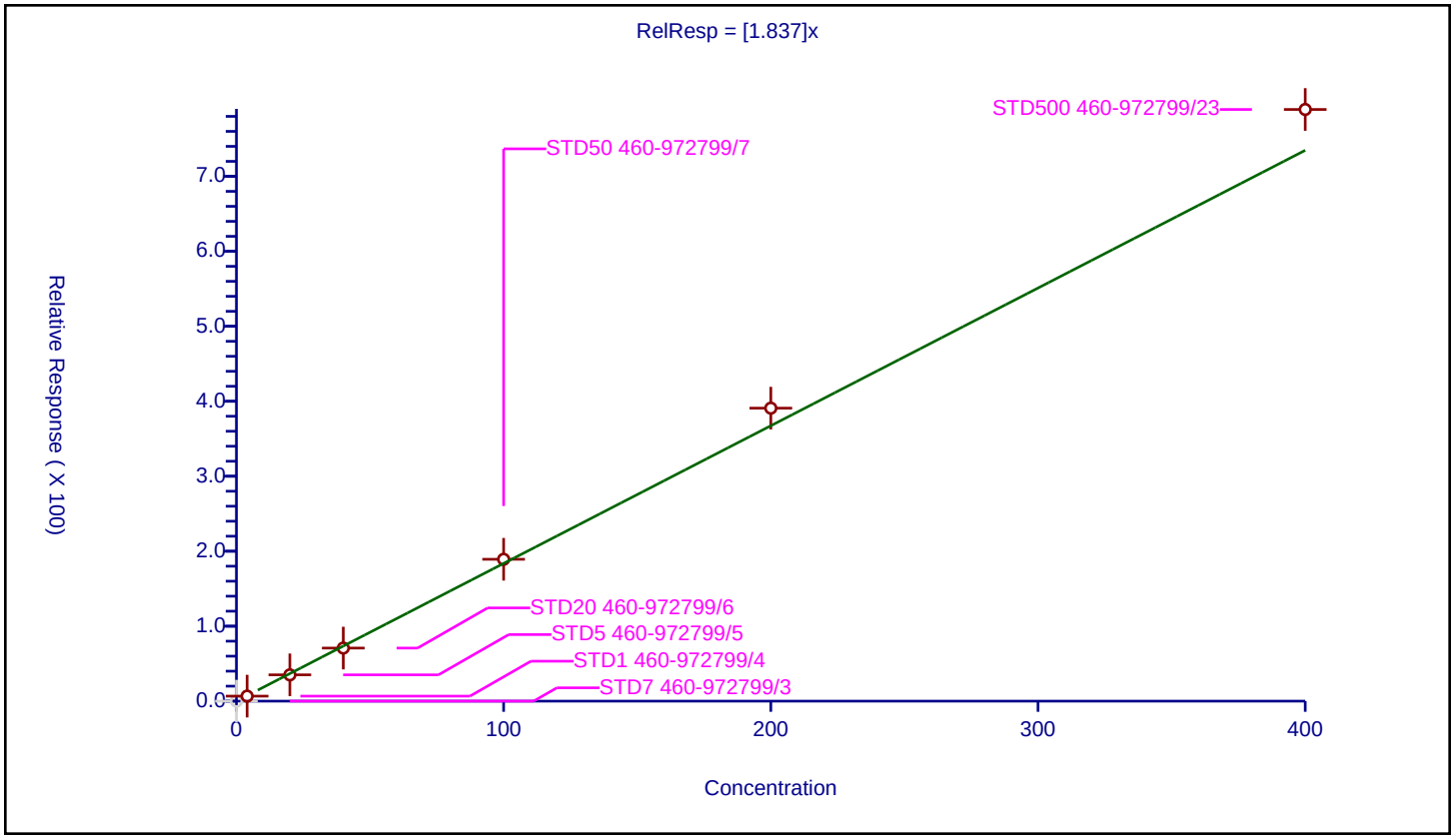
Curve Coefficients

Intercept:	0
Slope:	1.837

Error Coefficients

Relative Standard Deviation:	6.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	1000.0	246466.0	NaN	N
2	STD1 460-972799/4	4.0	6.713874	1000.0	250526.0	1.678469	Y
3	STD5 460-972799/5	20.0	35.064971	1000.0	253729.0	1.753249	Y
4	STD20 460-972799/6	40.0	70.804762	1000.0	257977.0	1.770119	Y
5	STD50 460-972799/7	100.0	189.217548	1000.0	264949.0	1.892175	Y
6	STD200 460-972799/22	200.0	390.812919	1000.0	281787.0	1.954065	Y
7	STD500 460-972799/23	400.0	789.20594	1000.0	313339.0	1.973015	Y



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Calibration / 3-Chloro-1-propene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

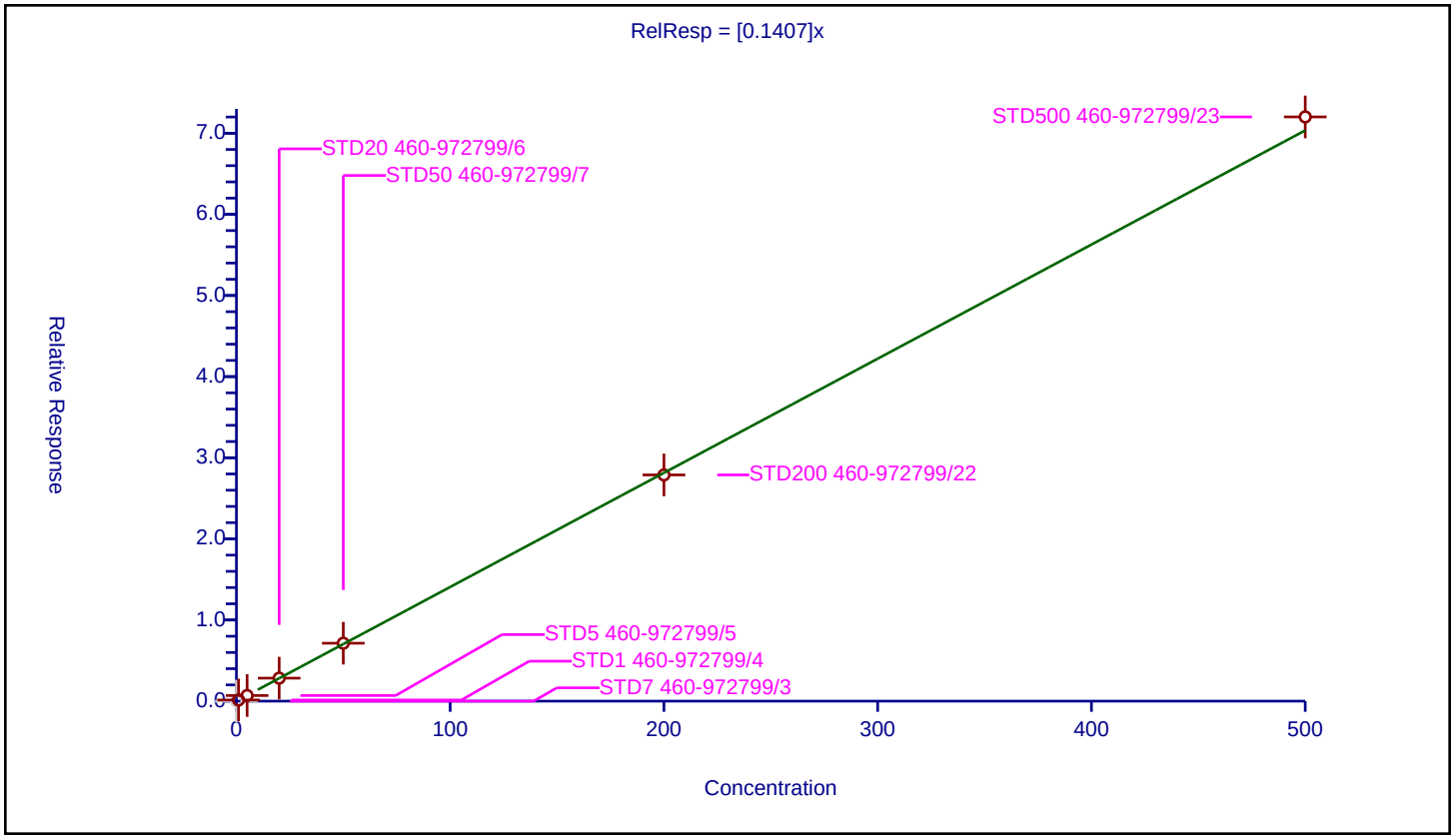
Curve Coefficients

Intercept:	0
Slope:	0.1407

Error Coefficients

Relative Standard Deviation:	1.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	50.0	624248.0	NaN	N
2	STD1 460-972799/4	1.0	0.137954	50.0	619046.0	0.137954	Y
3	STD5 460-972799/5	5.0	0.691328	50.0	621919.0	0.138266	Y
4	STD20 460-972799/6	20.0	2.834922	50.0	624391.0	0.141746	Y
5	STD50 460-972799/7	50.0	7.138497	50.0	635666.0	0.14277	Y
6	STD200 460-972799/22	200.0	27.882276	50.0	647275.0	0.139411	Y
7	STD500 460-972799/23	500.0	72.011583	50.0	676328.0	0.144023	Y



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Calibration / Isopropyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

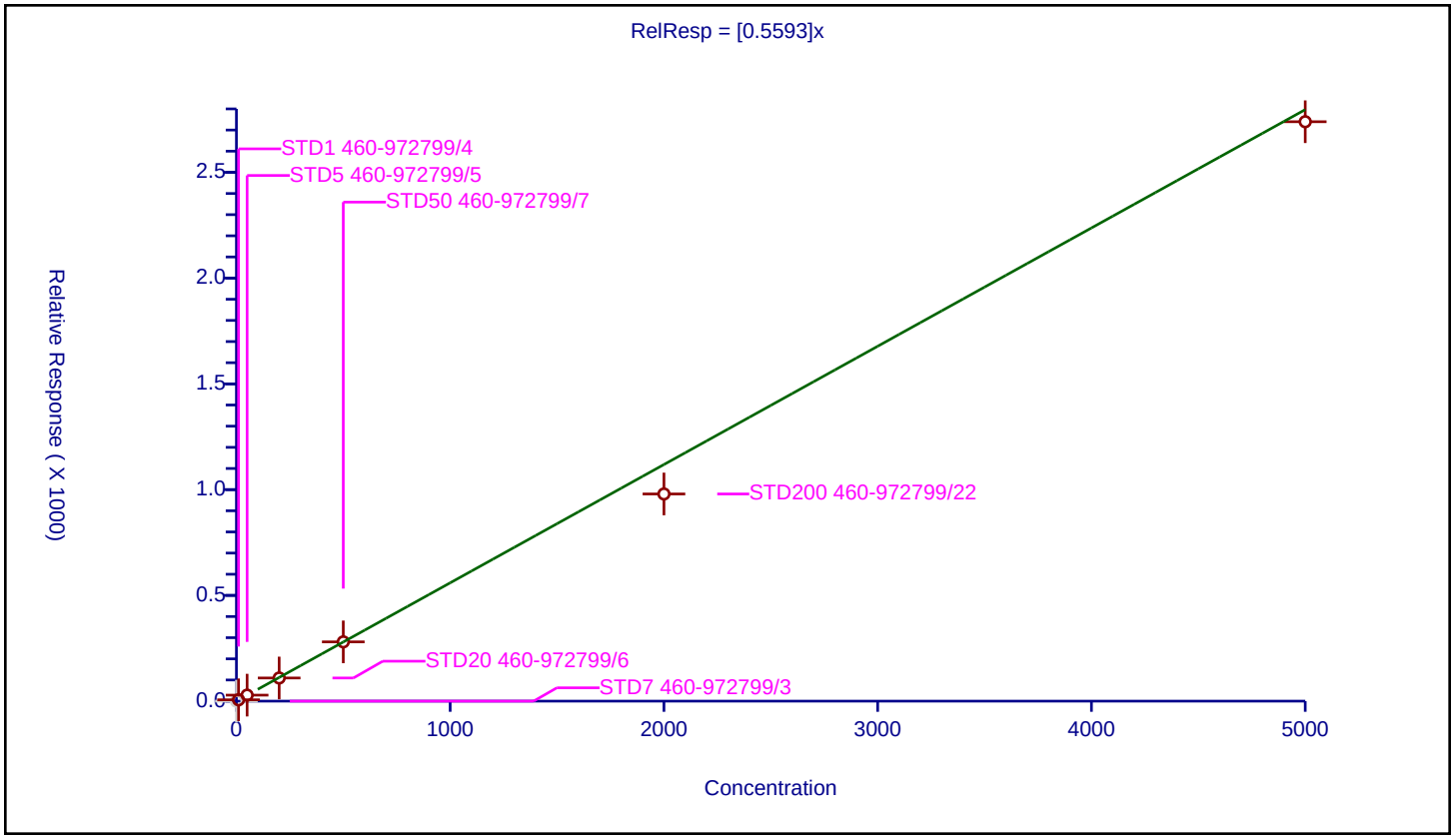
Curve Coefficients

Intercept:	0
Slope:	0.5593

Error Coefficients

Relative Standard Deviation:	8.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	1000.0	246466.0	NaN	N
2	STD1 460-972799/4	10.0	6.418495	1000.0	250526.0	0.64185	Y
3	STD5 460-972799/5	50.0	28.427968	1000.0	253729.0	0.568559	Y
4	STD20 460-972799/6	200.0	109.424484	1000.0	257977.0	0.547122	Y
5	STD50 460-972799/7	500.0	280.272807	1000.0	264949.0	0.560546	Y
6	STD200 460-972799/22	2000.0	979.509346	1000.0	281787.0	0.489755	Y
7	STD500 460-972799/23	5000.0	2739.365352	1000.0	313339.0	0.547873	Y



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Calibration / Methylene Chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

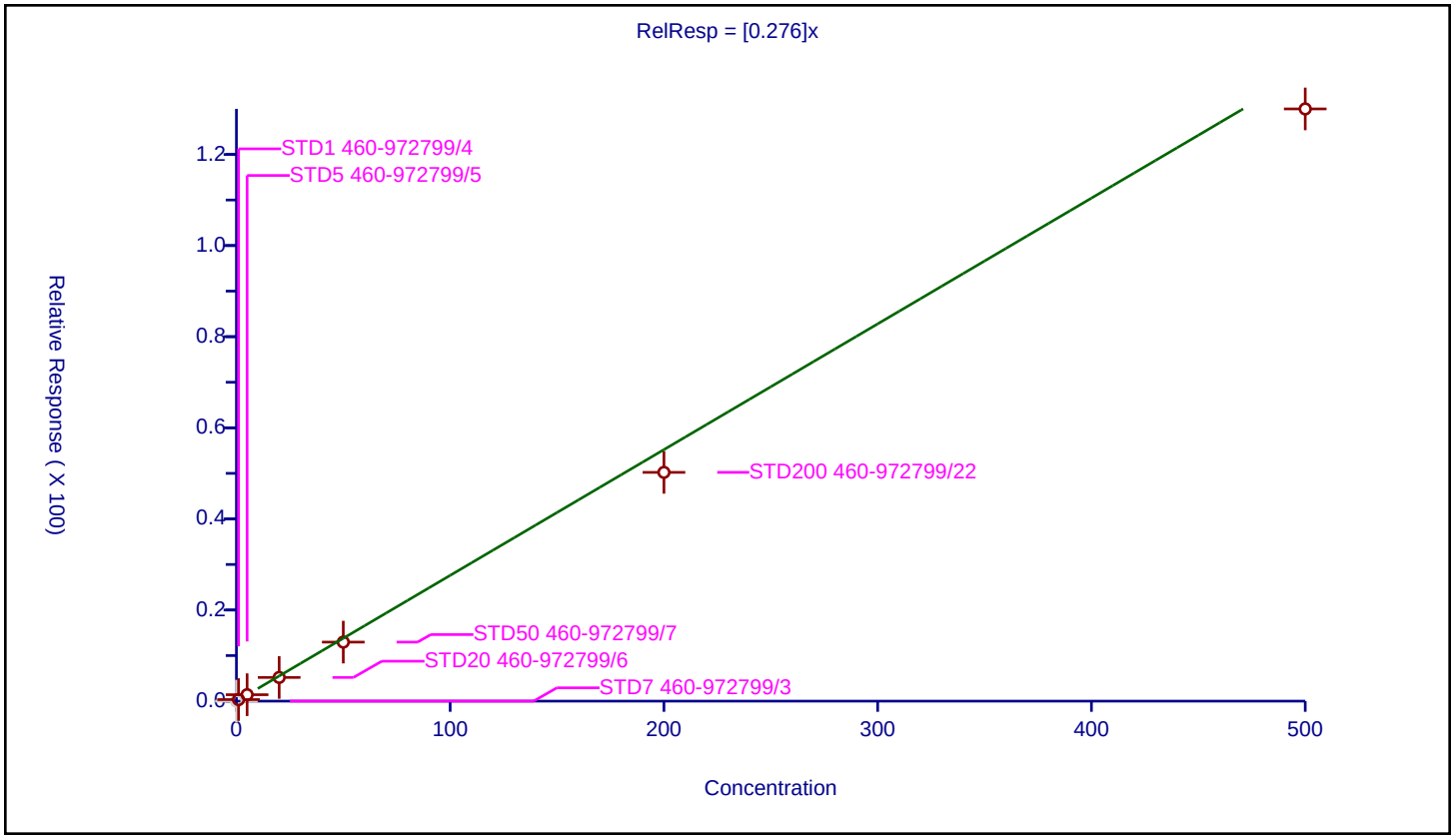
Curve Coefficients

Intercept:	0
Slope:	0.276

Error Coefficients

Relative Standard Deviation:	12.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	50.0	624248.0	NaN	N
2	STD1 460-972799/4	1.0	0.34327	50.0	619046.0	0.34327	Y
3	STD5 460-972799/5	5.0	1.412965	50.0	621919.0	0.282593	Y
4	STD20 460-972799/6	20.0	5.202189	50.0	624391.0	0.260109	Y
5	STD50 460-972799/7	50.0	12.958063	50.0	635666.0	0.259161	Y
6	STD200 460-972799/22	200.0	50.214206	50.0	647275.0	0.251071	Y
7	STD500 460-972799/23	500.0	129.993213	50.0	676328.0	0.259986	Y



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Calibration / Acetone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

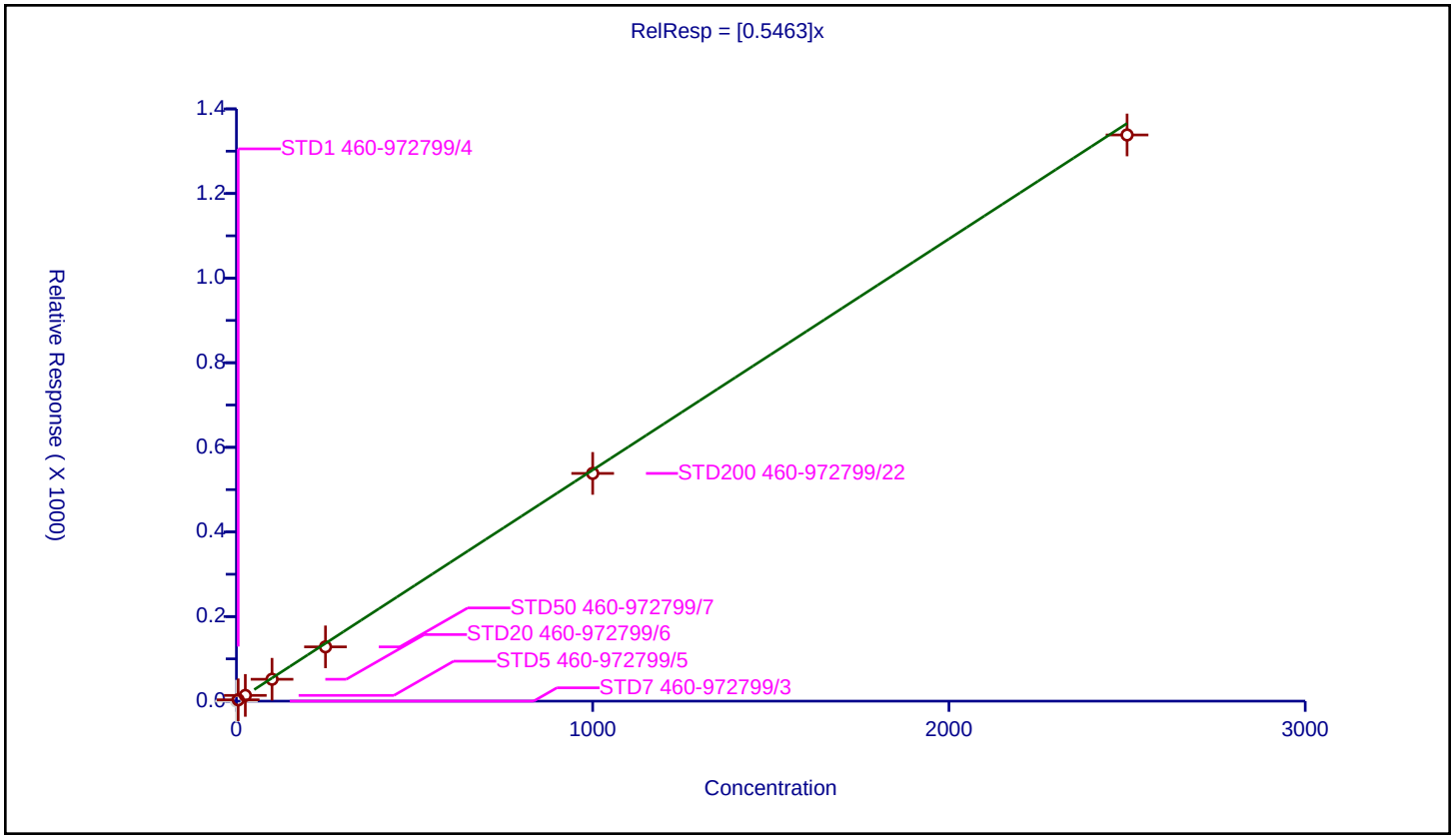
Curve Coefficients

Intercept:	0
Slope:	0.5463

Error Coefficients

Relative Standard Deviation:	7.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	250.0	321324.0	NaN	N
2	STD1 460-972799/4	5.0	3.152501	250.0	324187.0	0.6305	Y
3	STD5 460-972799/5	25.0	13.586439	250.0	325582.0	0.543458	Y
4	STD20 460-972799/6	100.0	51.701454	250.0	337858.0	0.517015	Y
5	STD50 460-972799/7	250.0	128.300341	250.0	345381.0	0.513201	Y
6	STD200 460-972799/22	1000.0	538.360905	250.0	349516.0	0.538361	Y
7	STD500 460-972799/23	2500.0	1338.3966	250.0	369228.0	0.535359	Y



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Calibration / Methyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

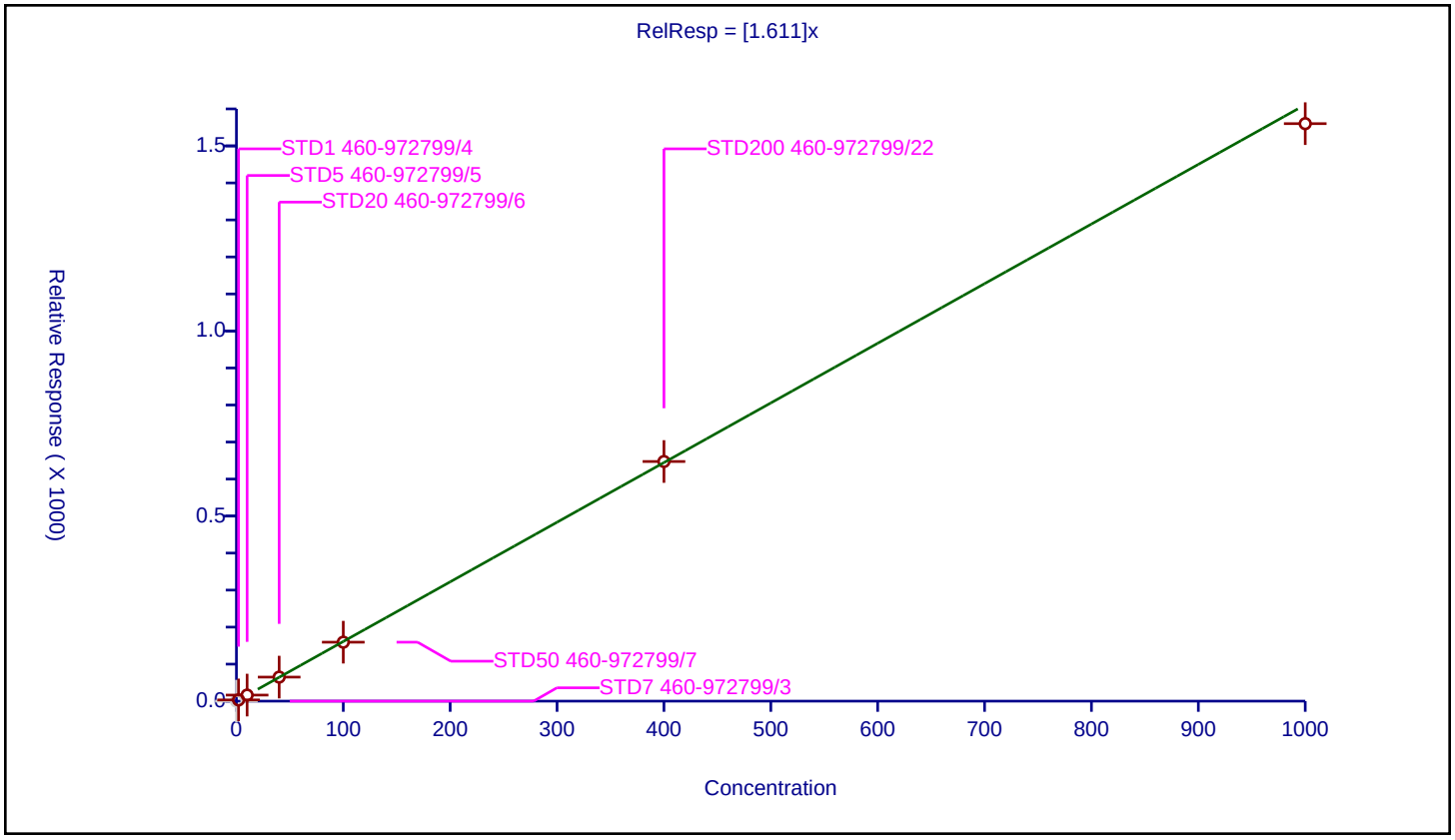
Curve Coefficients

Intercept:	0
Slope:	1.611

Error Coefficients

Relative Standard Deviation:	1.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	1000.0	246466.0	NaN	N
2	STD1 460-972799/4	2.0	3.273113	1000.0	250526.0	1.636557	Y
3	STD5 460-972799/5	10.0	16.356033	1000.0	253729.0	1.635603	Y
4	STD20 460-972799/6	40.0	64.936021	1000.0	257977.0	1.623401	Y
5	STD50 460-972799/7	100.0	159.287259	1000.0	264949.0	1.592873	Y
6	STD200 460-972799/22	400.0	647.410988	1000.0	281787.0	1.618527	Y
7	STD500 460-972799/23	1000.0	1560.112211	1000.0	313339.0	1.560112	Y



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Calibration / trans-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

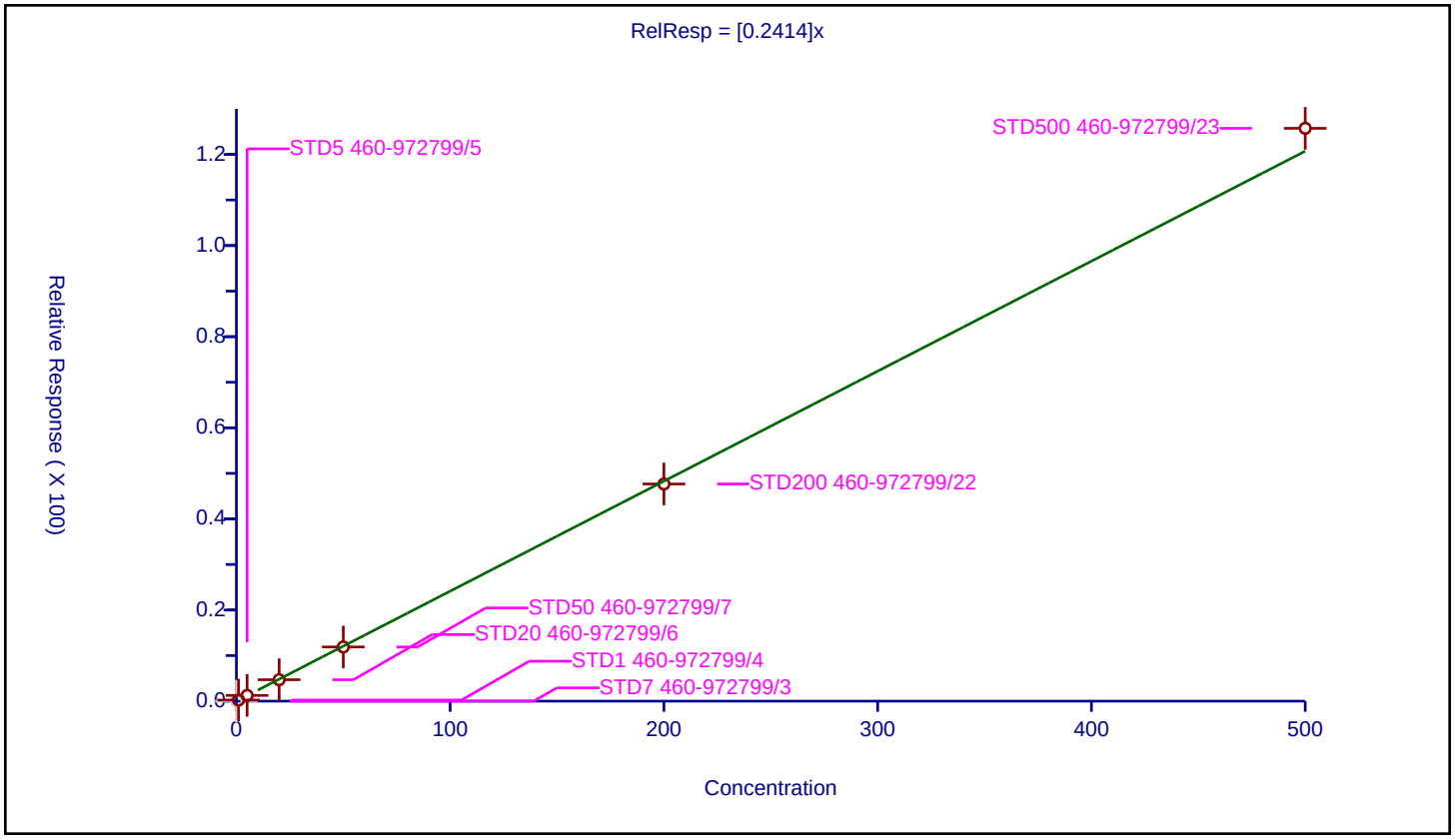
Curve Coefficients

Intercept:	0
Slope:	0.2414

Error Coefficients

Relative Standard Deviation:	3.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	50.0	624248.0	NaN	N
2	STD1 460-972799/4	1.0	0.234716	50.0	619046.0	0.234716	Y
3	STD5 460-972799/5	5.0	1.25563	50.0	621919.0	0.251126	Y
4	STD20 460-972799/6	20.0	4.704104	50.0	624391.0	0.235205	Y
5	STD50 460-972799/7	50.0	11.890757	50.0	635666.0	0.237815	Y
6	STD200 460-972799/22	200.0	47.667143	50.0	647275.0	0.238336	Y
7	STD500 460-972799/23	500.0	125.733742	50.0	676328.0	0.251467	Y



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Calibration / Hexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

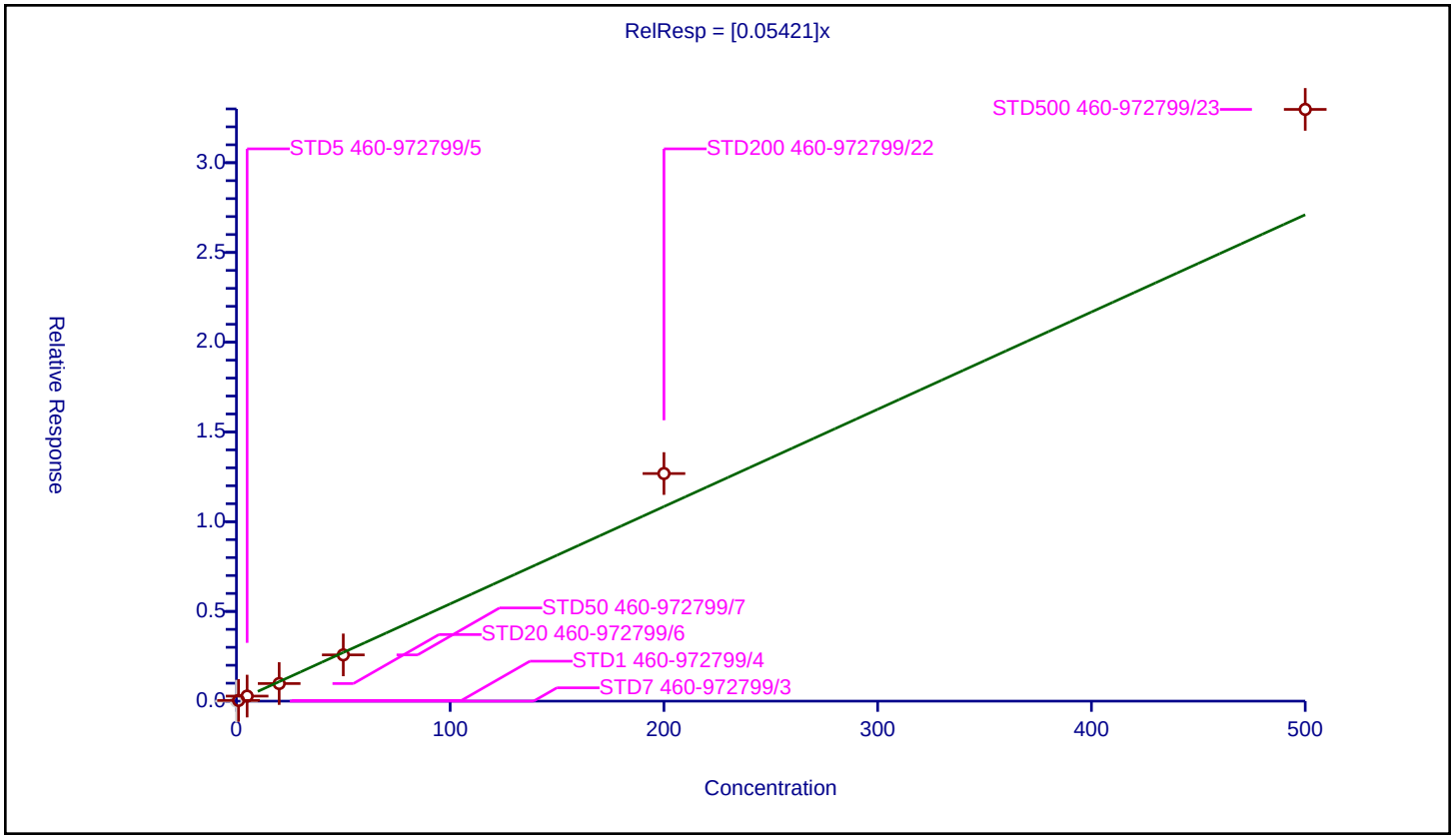
Curve Coefficients

Intercept:	0
Slope:	0.05421

Error Coefficients

Relative Standard Deviation:	18.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	50.0	624248.0	NaN	N
2	STD1 460-972799/4	1.0	0.039173	50.0	619046.0	0.039173	Y
3	STD5 460-972799/5	5.0	0.280824	50.0	621919.0	0.056165	Y
4	STD20 460-972799/6	20.0	0.979915	50.0	624391.0	0.048996	Y
5	STD50 460-972799/7	50.0	2.577297	50.0	635666.0	0.051546	Y
6	STD200 460-972799/22	200.0	12.681627	50.0	647275.0	0.063408	Y
7	STD500 460-972799/23	500.0	32.971798	50.0	676328.0	0.065944	Y



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Calibration / Methyl tert-butyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

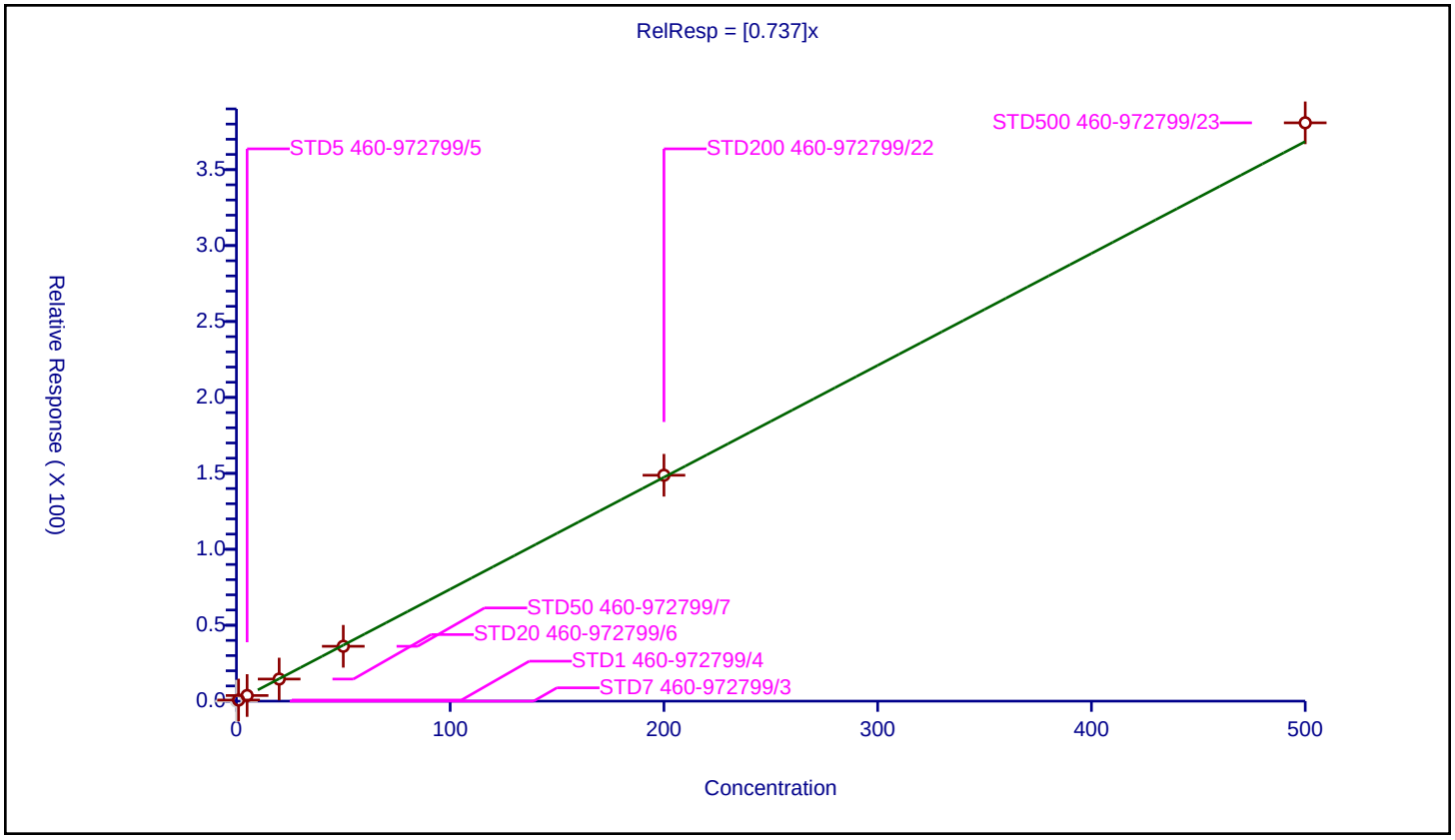
Curve Coefficients

Intercept:	0
Slope:	0.737

Error Coefficients

Relative Standard Deviation:	2.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	50.0	624248.0	NaN	N
2	STD1 460-972799/4	1.0	0.724583	50.0	619046.0	0.724583	Y
3	STD5 460-972799/5	5.0	3.713185	50.0	621919.0	0.742637	Y
4	STD20 460-972799/6	20.0	14.540648	50.0	624391.0	0.727032	Y
5	STD50 460-972799/7	50.0	36.1159	50.0	635666.0	0.722318	Y
6	STD200 460-972799/22	200.0	148.762041	50.0	647275.0	0.74381	Y
7	STD500 460-972799/23	500.0	380.828829	50.0	676328.0	0.761658	Y



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Calibration / 2-Methyl-2-propanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

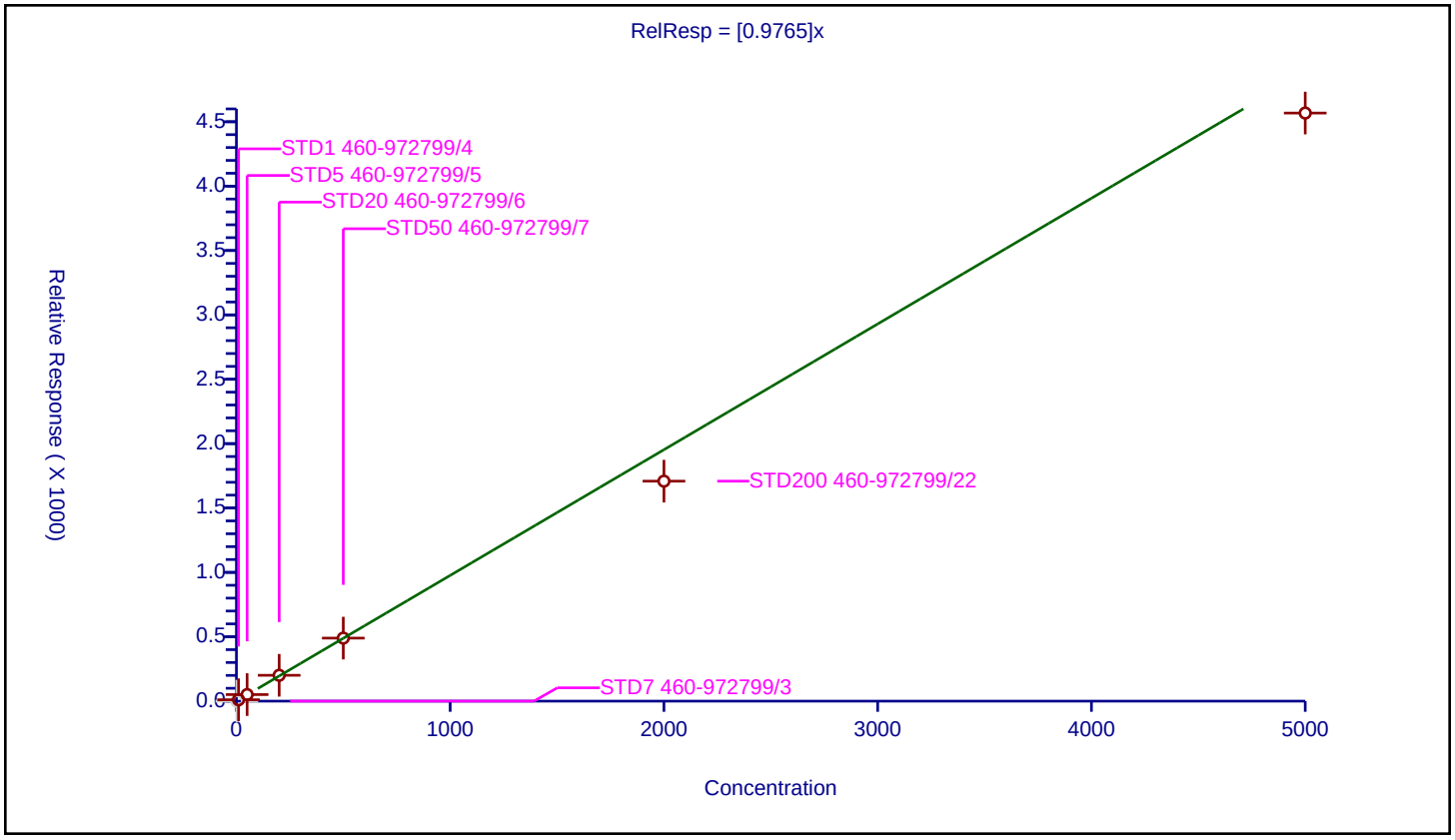
Curve Coefficients

Intercept:	0
Slope:	0.9765

Error Coefficients

Relative Standard Deviation:	8.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	2.0	0.0	1000.0	246466.0	0.0	N
2	STD1 460-972799/4	10.0	10.893081	1000.0	250526.0	1.089308	Y
3	STD5 460-972799/5	50.0	50.924411	1000.0	253729.0	1.018488	Y
4	STD20 460-972799/6	200.0	200.812476	1000.0	257977.0	1.004062	Y
5	STD50 460-972799/7	500.0	489.614983	1000.0	264949.0	0.97923	Y
6	STD200 460-972799/22	2000.0	1708.577756	1000.0	281787.0	0.854289	Y
7	STD500 460-972799/23	5000.0	4567.669521	1000.0	313339.0	0.913534	Y



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Calibration / Acetonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

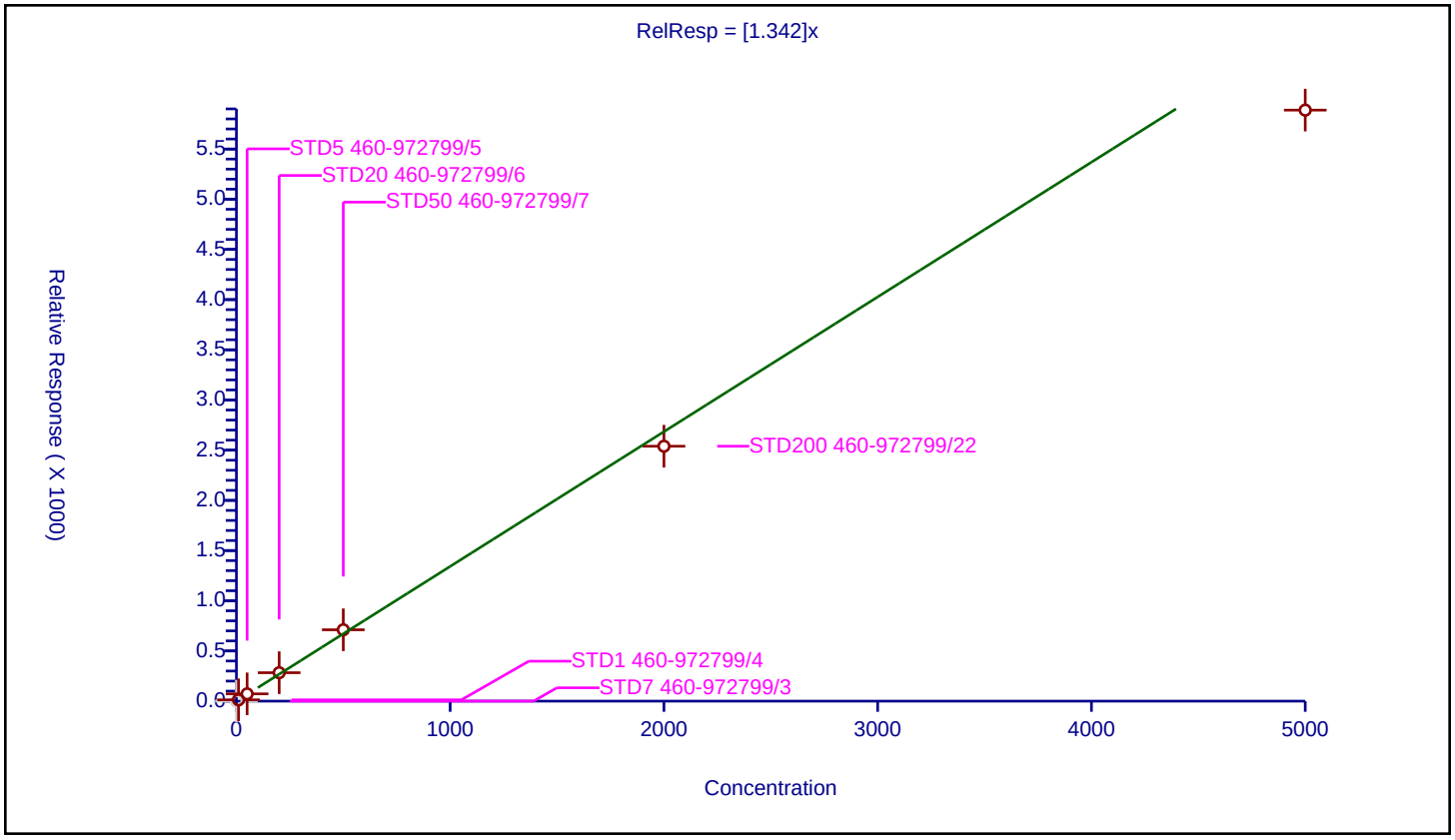
Curve Coefficients

Intercept:	0
Slope:	1.342

Error Coefficients

Relative Standard Deviation:	7.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	1000.0	246466.0	NaN	N
2	STD1 460-972799/4	10.0	13.180269	1000.0	250526.0	1.318027	Y
3	STD5 460-972799/5	50.0	72.518317	1000.0	253729.0	1.450366	Y
4	STD20 460-972799/6	200.0	283.203541	1000.0	257977.0	1.416018	Y
5	STD50 460-972799/7	500.0	710.868884	1000.0	264949.0	1.421738	Y
6	STD200 460-972799/22	2000.0	2539.535181	1000.0	281787.0	1.269768	Y
7	STD500 460-972799/23	5000.0	5887.766923	1000.0	313339.0	1.177553	Y



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Calibration / Isopropyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

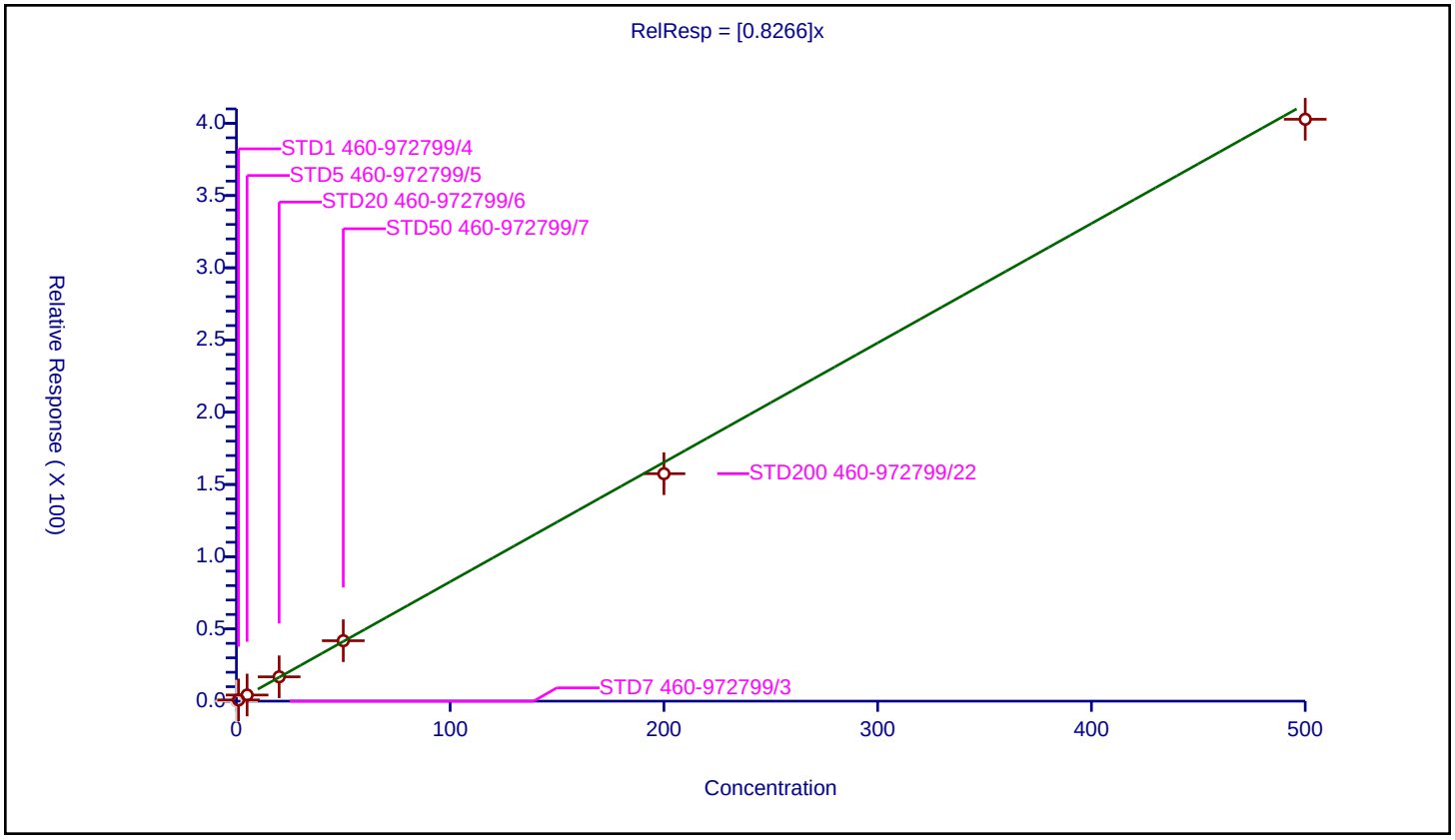
Curve Coefficients

Intercept:	0
Slope:	0.8266

Error Coefficients

Relative Standard Deviation:	3.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	50.0	624248.0	NaN	N
2	STD1 460-972799/4	1.0	0.838225	50.0	619046.0	0.838225	Y
3	STD5 460-972799/5	5.0	4.250473	50.0	621919.0	0.850095	Y
4	STD20 460-972799/6	20.0	16.841931	50.0	624391.0	0.842097	Y
5	STD50 460-972799/7	50.0	41.82212	50.0	635666.0	0.836442	Y
6	STD200 460-972799/22	200.0	157.445676	50.0	647275.0	0.787228	Y
7	STD500 460-972799/23	500.0	402.81779	50.0	676328.0	0.805636	Y



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Calibration / 2-Chloro-1,3-butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

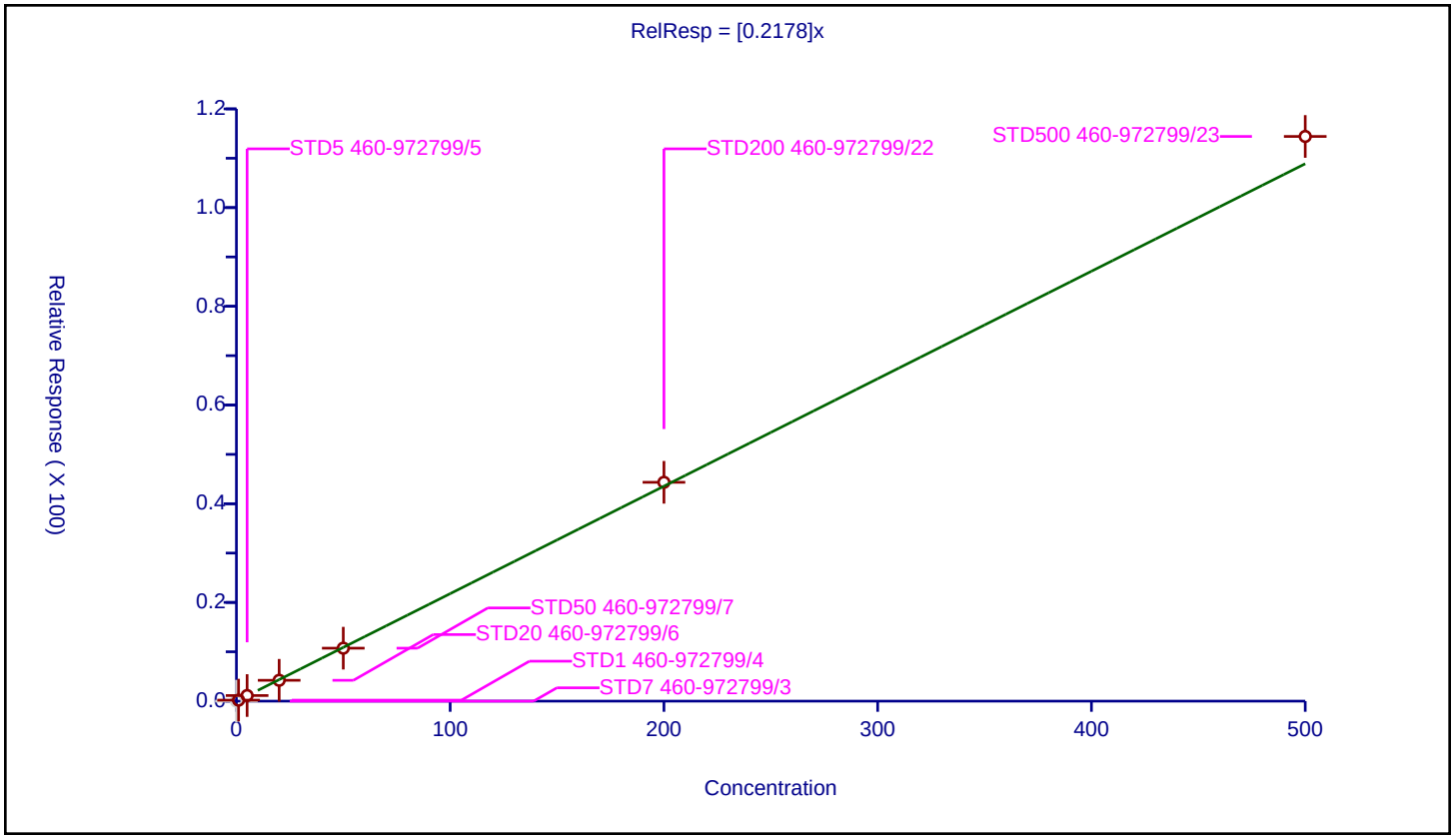
Curve Coefficients

Intercept:	0
Slope:	0.2178

Error Coefficients

Relative Standard Deviation:	4.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	50.0	624248.0	NaN	N
2	STD1 460-972799/4	1.0	0.203216	50.0	619046.0	0.203216	Y
3	STD5 460-972799/5	5.0	1.134794	50.0	621919.0	0.226959	Y
4	STD20 460-972799/6	20.0	4.225077	50.0	624391.0	0.211254	Y
5	STD50 460-972799/7	50.0	10.731029	50.0	635666.0	0.214621	Y
6	STD200 460-972799/22	200.0	44.3412	50.0	647275.0	0.221706	Y
7	STD500 460-972799/23	500.0	114.413347	50.0	676328.0	0.228827	Y



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Calibration / 1,1-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

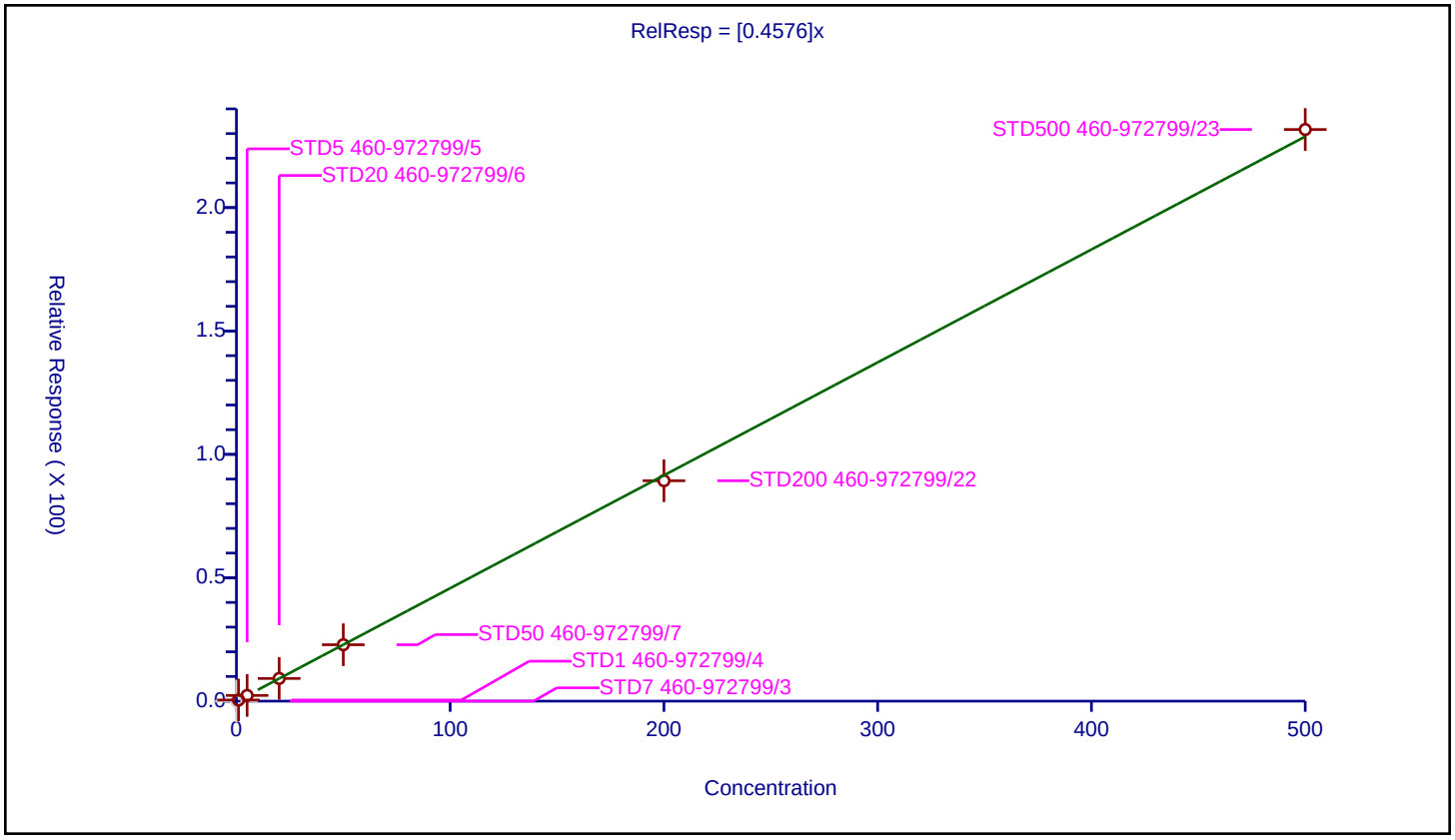
Curve Coefficients

Intercept:	0
Slope:	0.4576

Error Coefficients

Relative Standard Deviation:	1.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	50.0	624248.0	NaN	N
2	STD1 460-972799/4	1.0	0.456105	50.0	619046.0	0.456105	Y
3	STD5 460-972799/5	5.0	2.313324	50.0	621919.0	0.462665	Y
4	STD20 460-972799/6	20.0	9.194879	50.0	624391.0	0.459744	Y
5	STD50 460-972799/7	50.0	22.851702	50.0	635666.0	0.457034	Y
6	STD200 460-972799/22	200.0	89.313661	50.0	647275.0	0.446568	Y
7	STD500 460-972799/23	500.0	231.644557	50.0	676328.0	0.463289	Y



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Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

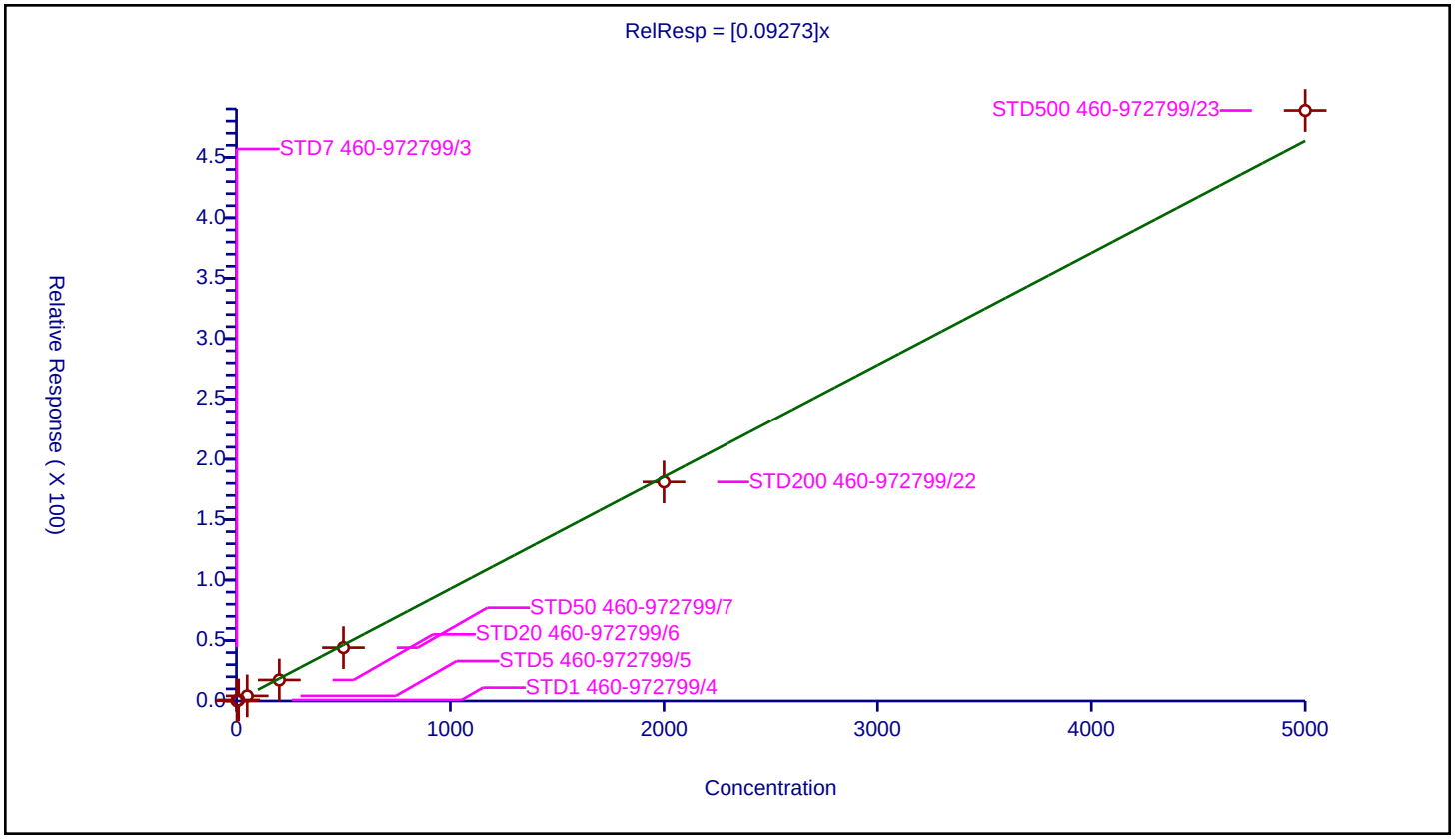
Curve Coefficients

Intercept:	0
Slope:	0.09273

Error Coefficients

Relative Standard Deviation:	12.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	2.0	0.232119	50.0	624248.0	0.11606	Y
2	STD1 460-972799/4	10.0	0.855833	50.0	619046.0	0.085583	Y
3	STD5 460-972799/5	50.0	4.203682	50.0	621919.0	0.084074	Y
4	STD20 460-972799/6	200.0	17.380135	50.0	624391.0	0.086901	Y
5	STD50 460-972799/7	500.0	44.097687	50.0	635666.0	0.088195	Y
6	STD200 460-972799/22	2000.0	181.170136	50.0	647275.0	0.090585	Y
7	STD500 460-972799/23	5000.0	488.732168	50.0	676328.0	0.097746	Y



Calibration / Tert-butyl ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

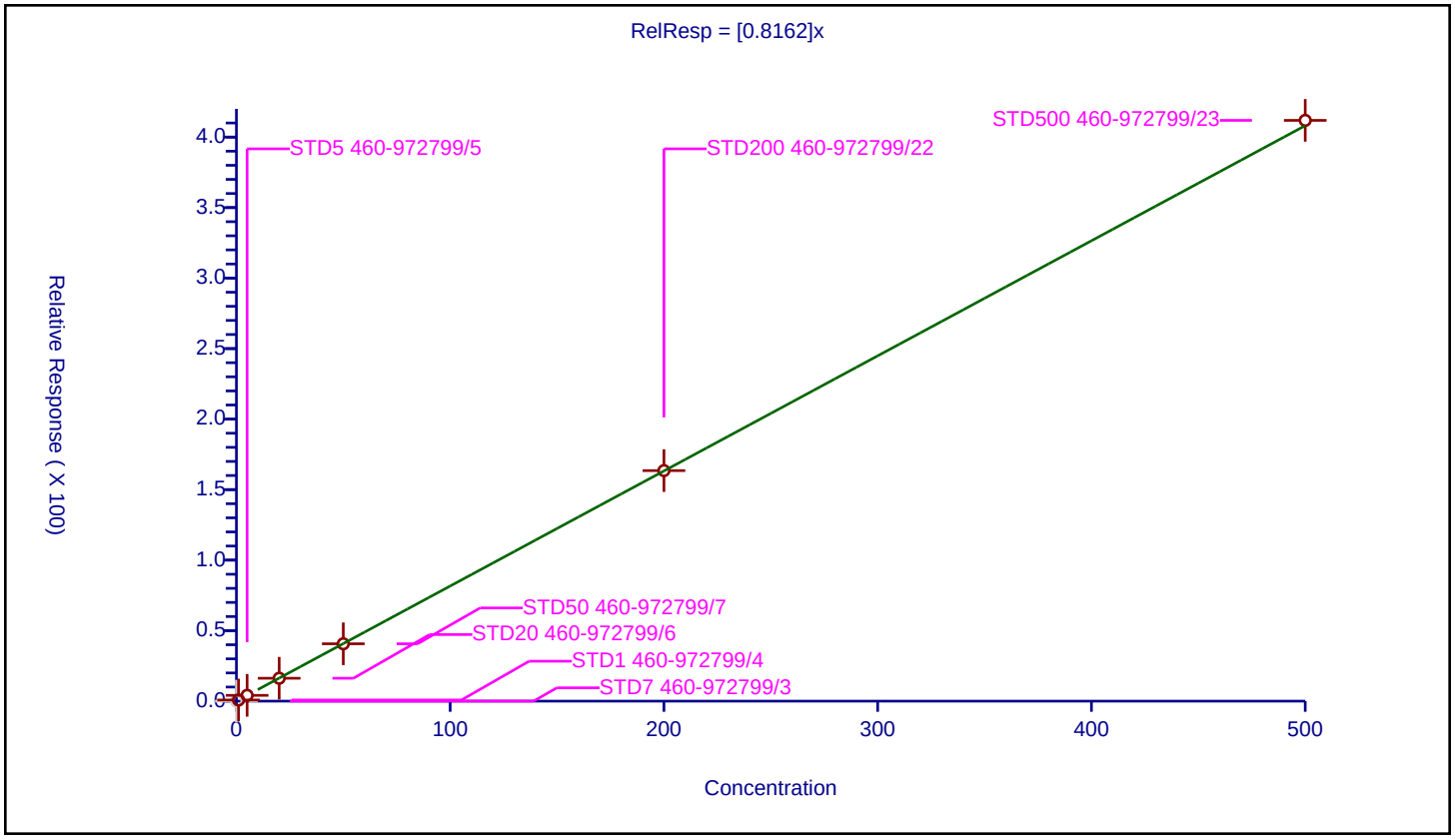
Curve Coefficients

Intercept:	0
Slope:	0.8162

Error Coefficients

Relative Standard Deviation:	0.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	50.0	624248.0	NaN	N
2	STD1 460-972799/4	1.0	0.808664	50.0	619046.0	0.808664	Y
3	STD5 460-972799/5	5.0	4.11396	50.0	621919.0	0.822792	Y
4	STD20 460-972799/6	20.0	16.226691	50.0	624391.0	0.811335	Y
5	STD50 460-972799/7	50.0	40.672775	50.0	635666.0	0.813455	Y
6	STD200 460-972799/22	200.0	163.48793	50.0	647275.0	0.81744	Y
7	STD500 460-972799/23	500.0	411.852163	50.0	676328.0	0.823704	Y



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Calibration / Vinyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

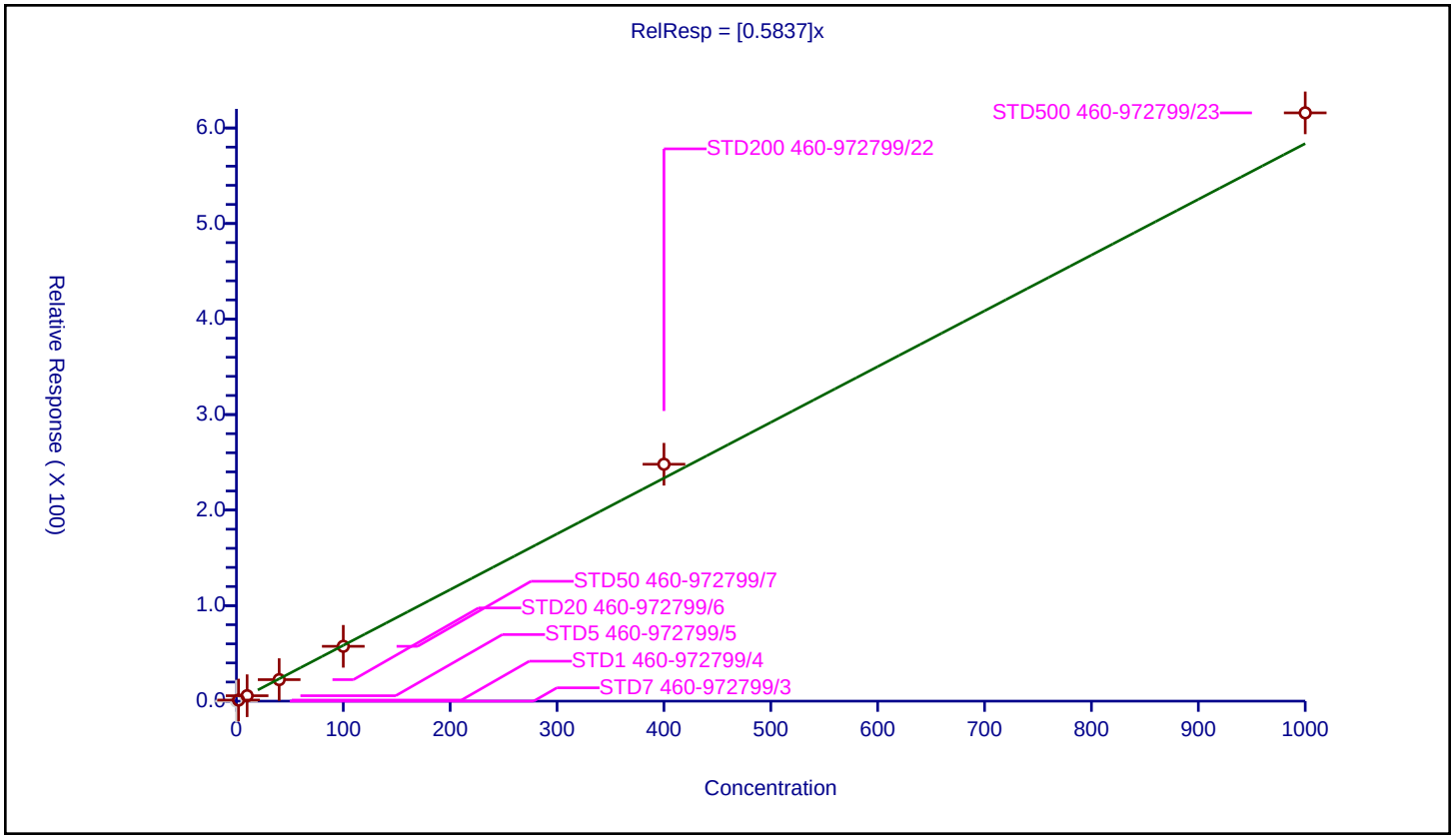
Curve Coefficients

Intercept:	0
Slope:	0.5837

Error Coefficients

Relative Standard Deviation:	4.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	50.0	624248.0	NaN	N
2	STD1 460-972799/4	2.0	1.122291	50.0	619046.0	0.561146	Y
3	STD5 460-972799/5	10.0	5.680965	50.0	621919.0	0.568096	Y
4	STD20 460-972799/6	40.0	22.519303	50.0	624391.0	0.562983	Y
5	STD50 460-972799/7	100.0	57.404675	50.0	635666.0	0.574047	Y
6	STD200 460-972799/22	400.0	247.995056	50.0	647275.0	0.619988	Y
7	STD500 460-972799/23	1000.0	615.832259	50.0	676328.0	0.615832	Y



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Calibration / cis-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

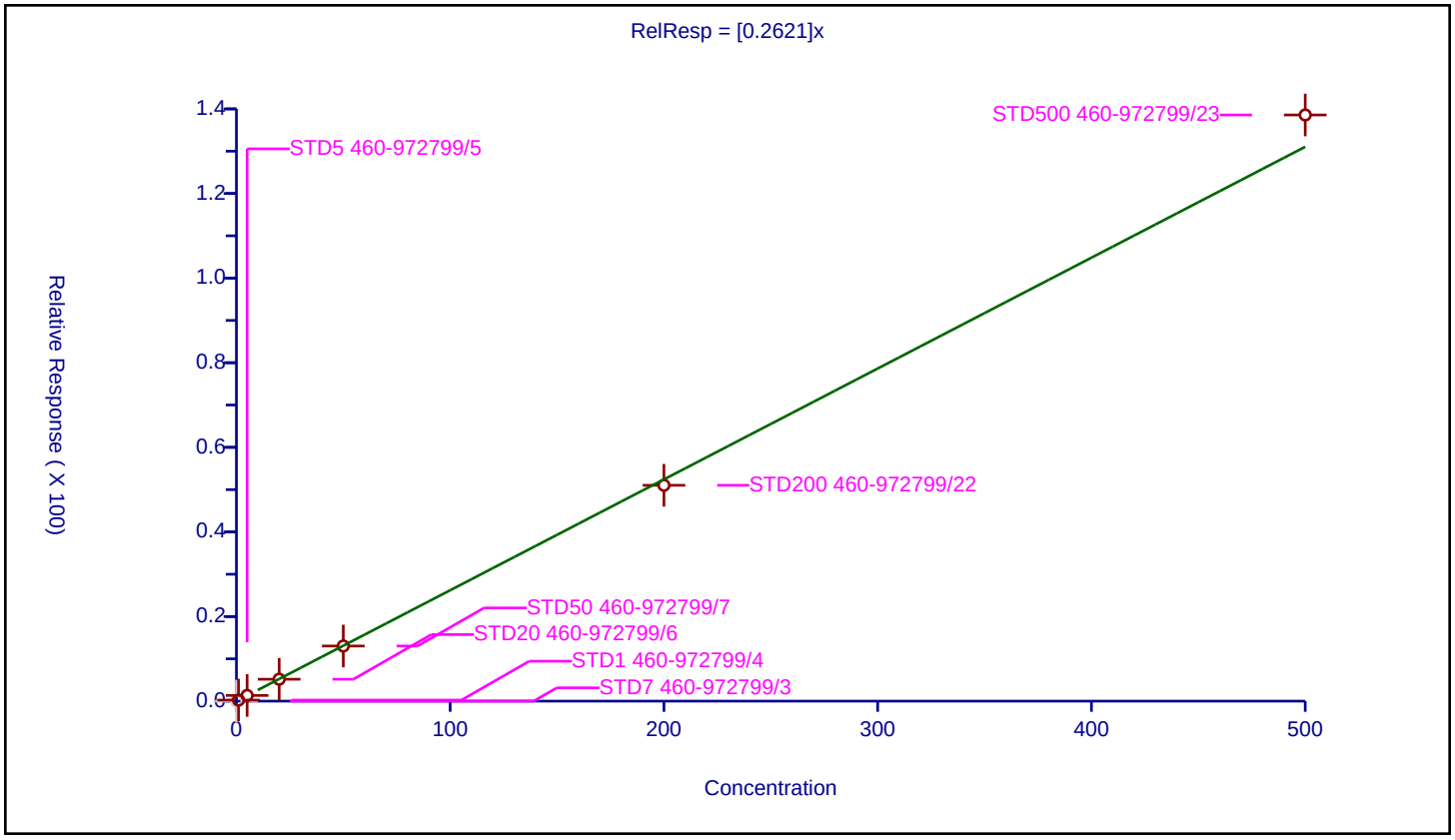
Curve Coefficients

Intercept:	0
Slope:	0.2621

Error Coefficients

Relative Standard Deviation:	3.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	50.0	624248.0	NaN	N
2	STD1 460-972799/4	1.0	0.251678	50.0	619046.0	0.251678	Y
3	STD5 460-972799/5	5.0	1.344628	50.0	621919.0	0.268926	Y
4	STD20 460-972799/6	20.0	5.180568	50.0	624391.0	0.259028	Y
5	STD50 460-972799/7	50.0	13.026888	50.0	635666.0	0.260538	Y
6	STD200 460-972799/22	200.0	51.024912	50.0	647275.0	0.255125	Y
7	STD500 460-972799/23	500.0	138.565533	50.0	676328.0	0.277131	Y



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Calibration / 2,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

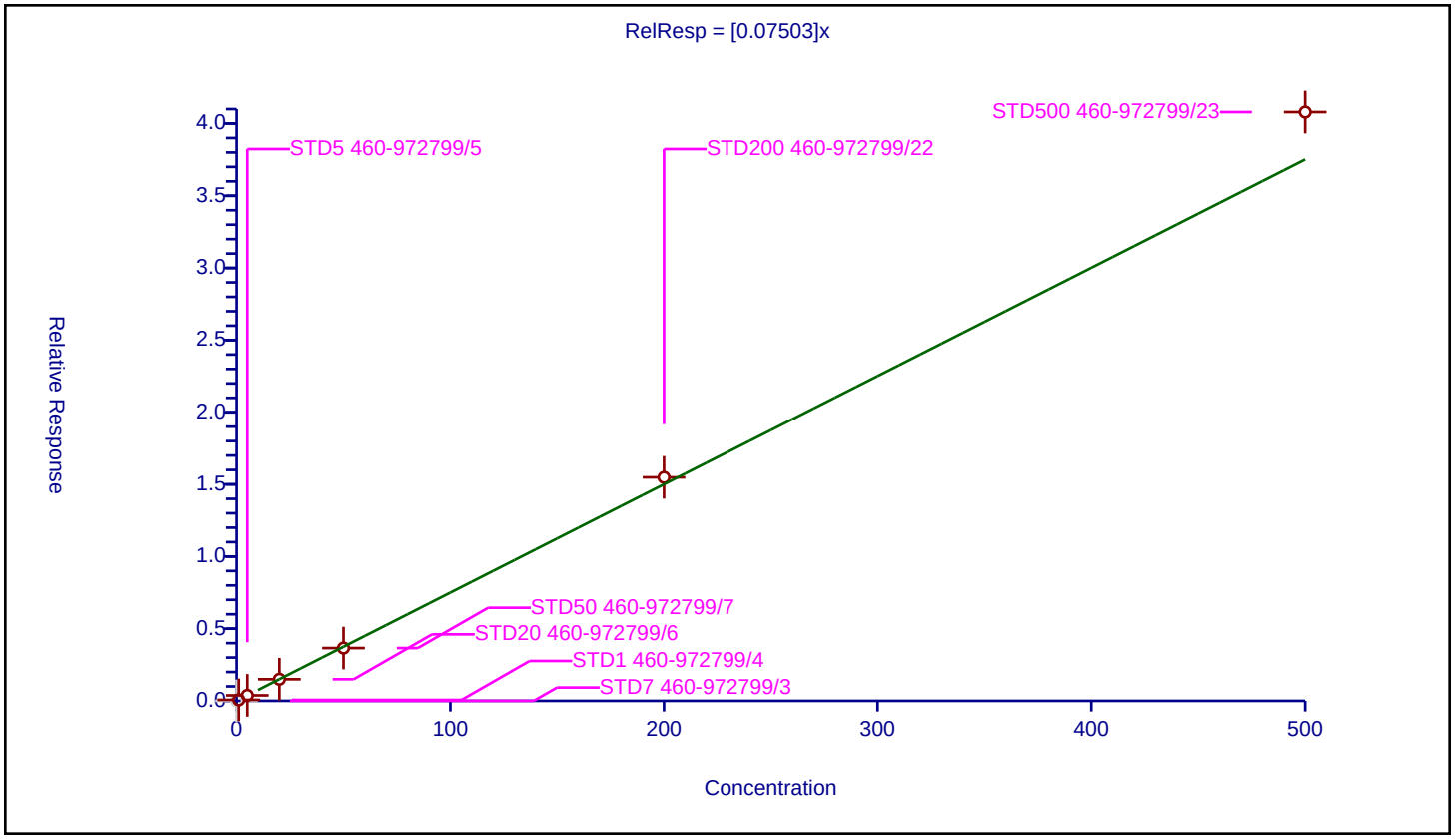
Curve Coefficients

Intercept:	0
Slope:	0.07503

Error Coefficients

Relative Standard Deviation:	6.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	50.0	624248.0	NaN	N
2	STD1 460-972799/4	1.0	0.067523	50.0	619046.0	0.067523	Y
3	STD5 460-972799/5	5.0	0.378345	50.0	621919.0	0.075669	Y
4	STD20 460-972799/6	20.0	1.495777	50.0	624391.0	0.074789	Y
5	STD50 460-972799/7	50.0	3.659862	50.0	635666.0	0.073197	Y
6	STD200 460-972799/22	200.0	15.487158	50.0	647275.0	0.077436	Y
7	STD500 460-972799/23	500.0	40.793816	50.0	676328.0	0.081588	Y



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Calibration / Chlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

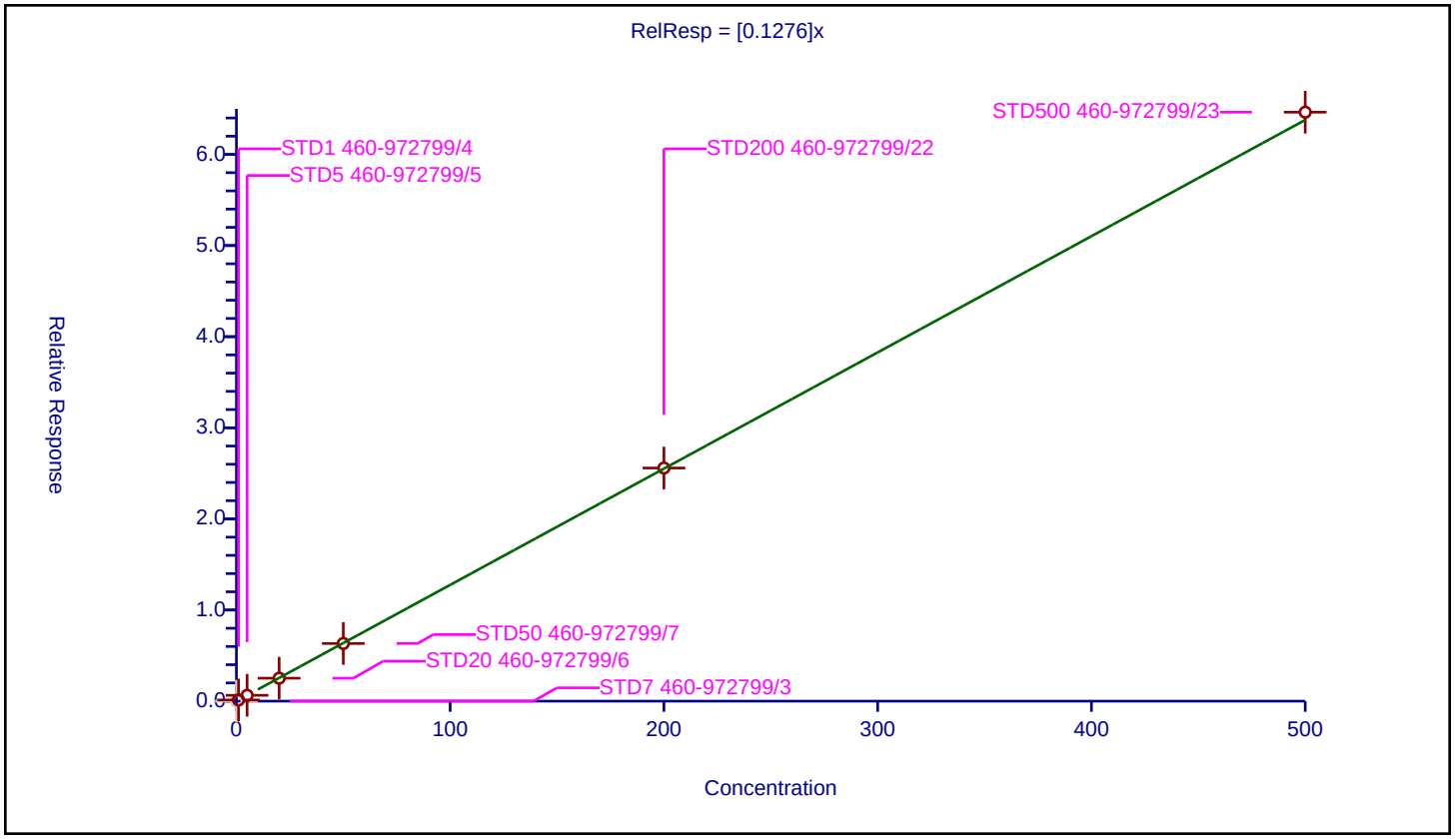
Curve Coefficients

Intercept:	0
Slope:	0.1276

Error Coefficients

Relative Standard Deviation:	0.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	50.0	624248.0	NaN	N
2	STD1 460-972799/4	1.0	0.12802	50.0	619046.0	0.12802	Y
3	STD5 460-972799/5	5.0	0.638829	50.0	621919.0	0.127766	Y
4	STD20 460-972799/6	20.0	2.518694	50.0	624391.0	0.125935	Y
5	STD50 460-972799/7	50.0	6.325649	50.0	635666.0	0.126513	Y
6	STD200 460-972799/22	200.0	25.586034	50.0	647275.0	0.12793	Y
7	STD500 460-972799/23	500.0	64.637129	50.0	676328.0	0.129274	Y



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Calibration / Cyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

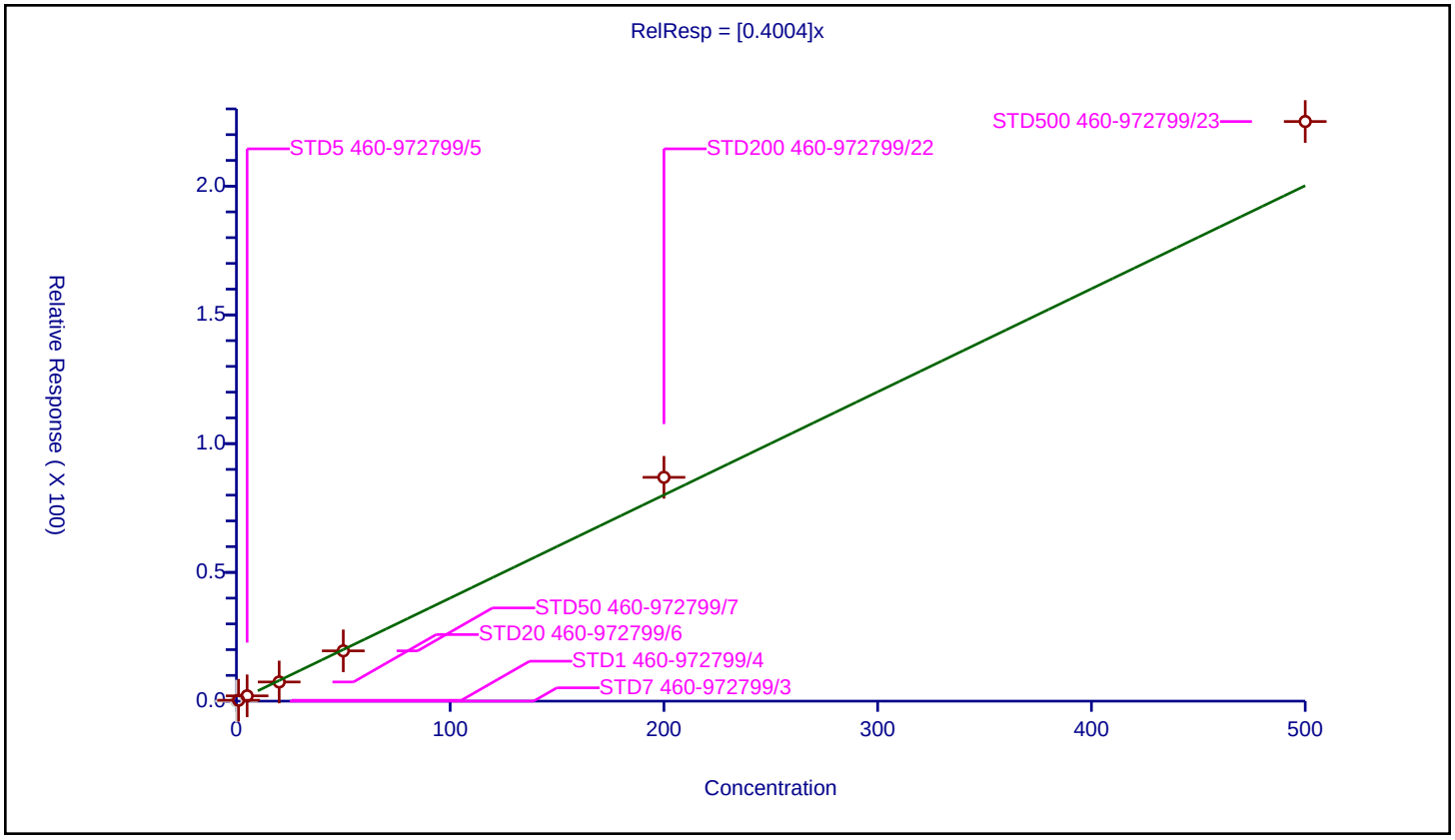
Curve Coefficients

Intercept:	0
Slope:	0.4004

Error Coefficients

Relative Standard Deviation:	9.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	50.0	624248.0	NaN	N
2	STD1 460-972799/4	1.0	0.345289	50.0	619046.0	0.345289	Y
3	STD5 460-972799/5	5.0	2.048016	50.0	621919.0	0.409603	Y
4	STD20 460-972799/6	20.0	7.439169	50.0	624391.0	0.371958	Y
5	STD50 460-972799/7	50.0	19.524562	50.0	635666.0	0.390491	Y
6	STD200 460-972799/22	200.0	86.924028	50.0	647275.0	0.43462	Y
7	STD500 460-972799/23	500.0	225.097955	50.0	676328.0	0.450196	Y



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Calibration / Chloroform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

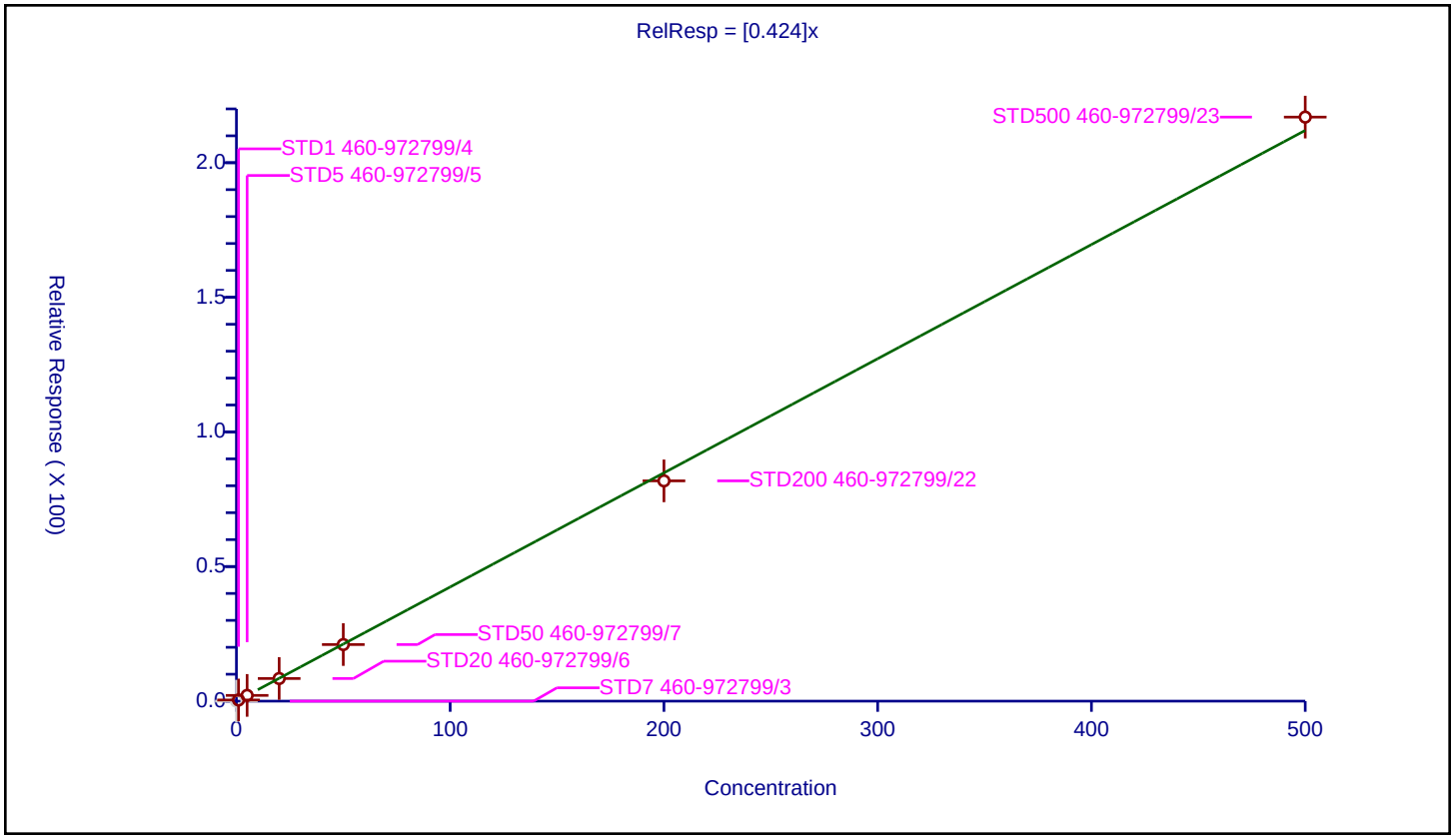
Curve Coefficients

Intercept:	0
Slope:	0.424

Error Coefficients

Relative Standard Deviation:	2.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	50.0	624248.0	NaN	N
2	STD1 460-972799/4	1.0	0.433167	50.0	619046.0	0.433167	Y
3	STD5 460-972799/5	5.0	2.135889	50.0	621919.0	0.427178	Y
4	STD20 460-972799/6	20.0	8.403949	50.0	624391.0	0.420197	Y
5	STD50 460-972799/7	50.0	21.023541	50.0	635666.0	0.420471	Y
6	STD200 460-972799/22	200.0	81.823645	50.0	647275.0	0.409118	Y
7	STD500 460-972799/23	500.0	216.951686	50.0	676328.0	0.433903	Y



Calibration / Ethyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

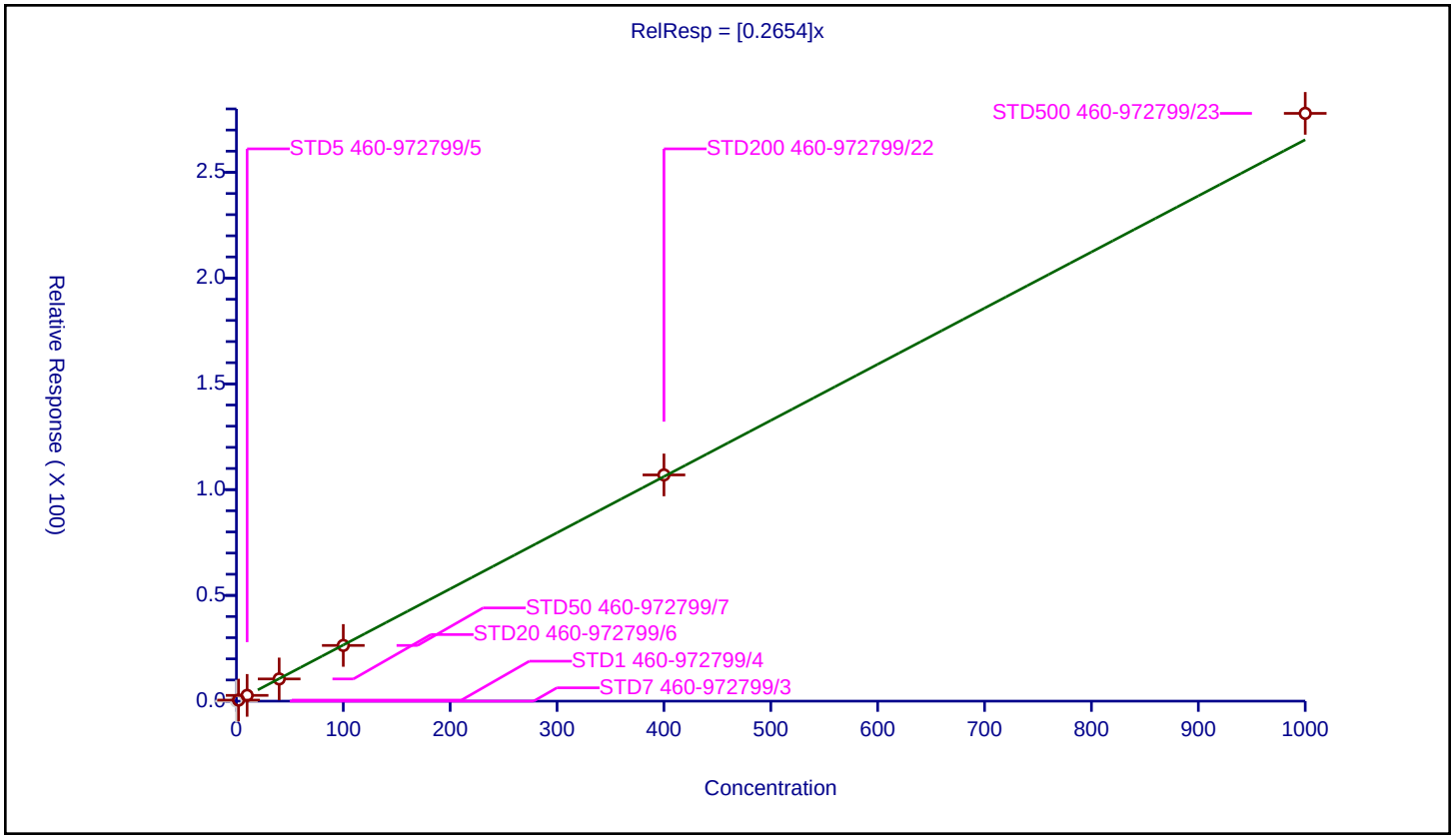
Curve Coefficients

Intercept:	0
Slope:	0.2654

Error Coefficients

Relative Standard Deviation:	3.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	250.0	321324.0	NaN	N
2	STD1 460-972799/4	2.0	0.497398	250.0	324187.0	0.248699	Y
3	STD5 460-972799/5	10.0	2.728959	250.0	325582.0	0.272896	Y
4	STD20 460-972799/6	40.0	10.492574	250.0	337858.0	0.262314	Y
5	STD50 460-972799/7	100.0	26.334685	250.0	345381.0	0.263347	Y
6	STD200 460-972799/22	400.0	106.952901	250.0	349516.0	0.267382	Y
7	STD500 460-972799/23	1000.0	277.883855	250.0	369228.0	0.277884	Y



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Calibration / Methyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

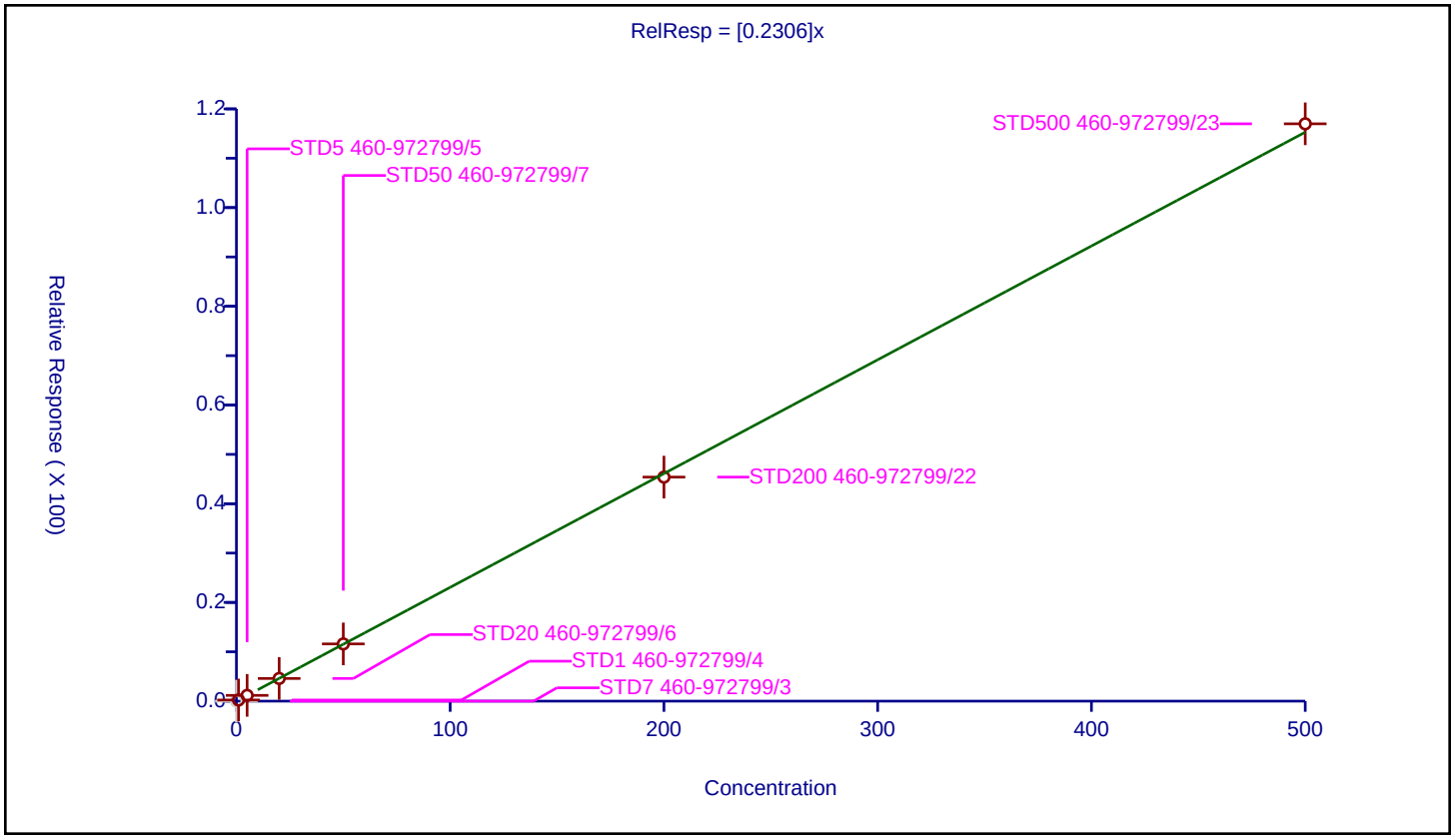
Curve Coefficients

Intercept:	0
Slope:	0.2306

Error Coefficients

Relative Standard Deviation:	1.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	50.0	624248.0	NaN	N
2	STD1 460-972799/4	1.0	0.227285	50.0	619046.0	0.227285	Y
3	STD5 460-972799/5	5.0	1.166953	50.0	621919.0	0.233391	Y
4	STD20 460-972799/6	20.0	4.597119	50.0	624391.0	0.229856	Y
5	STD50 460-972799/7	50.0	11.593038	50.0	635666.0	0.231861	Y
6	STD200 460-972799/22	200.0	45.391758	50.0	647275.0	0.226959	Y
7	STD500 460-972799/23	500.0	116.978448	50.0	676328.0	0.233957	Y



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Calibration / Carbon tetrachloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

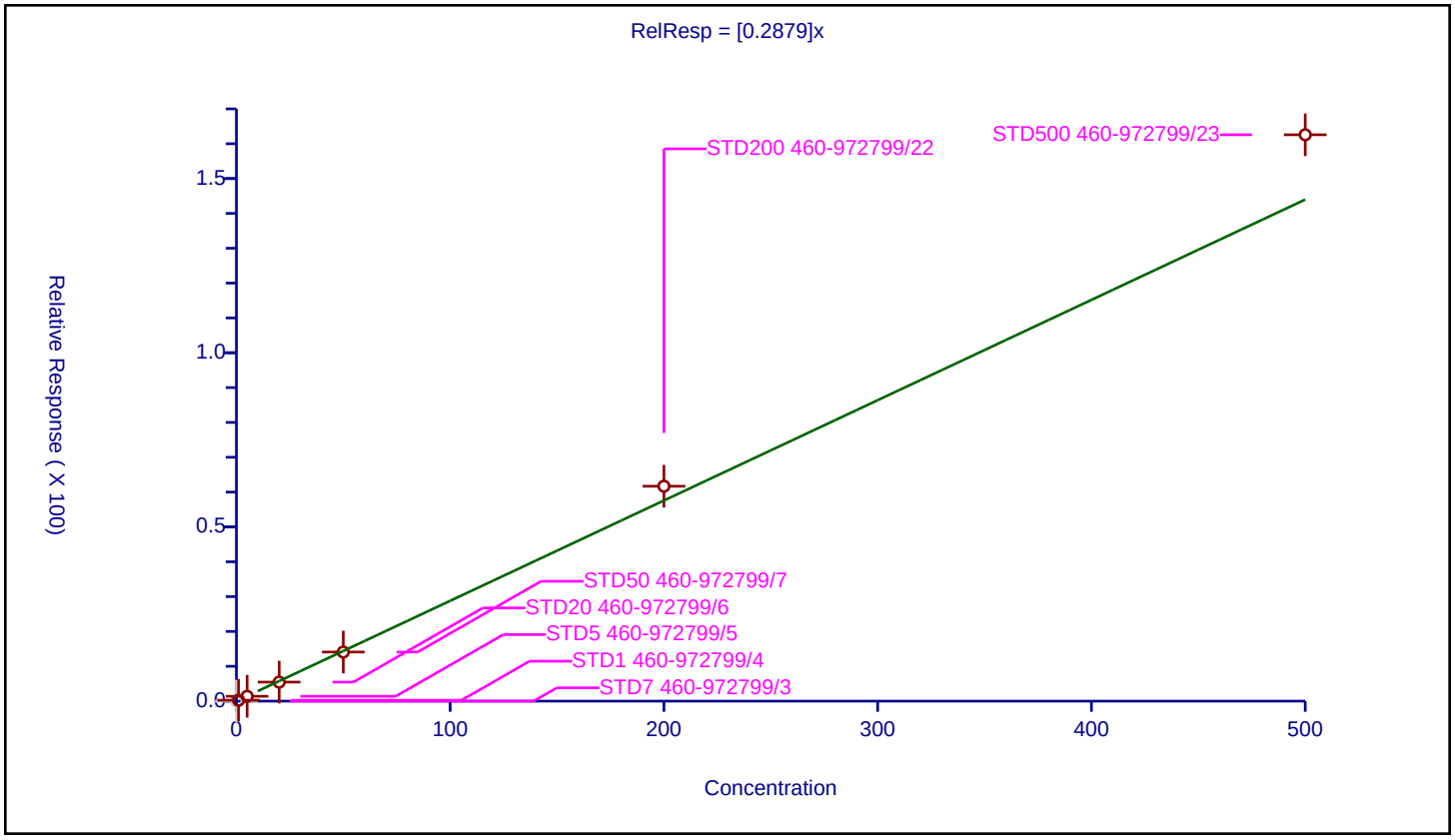
Curve Coefficients

Intercept:	0
Slope:	0.2879

Error Coefficients

Relative Standard Deviation:	8.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	50.0	624248.0	NaN	N
2	STD1 460-972799/4	1.0	0.259835	50.0	619046.0	0.259835	Y
3	STD5 460-972799/5	5.0	1.39568	50.0	621919.0	0.279136	Y
4	STD20 460-972799/6	20.0	5.463804	50.0	624391.0	0.27319	Y
5	STD50 460-972799/7	50.0	14.096397	50.0	635666.0	0.281928	Y
6	STD200 460-972799/22	200.0	61.692557	50.0	647275.0	0.308463	Y
7	STD500 460-972799/23	500.0	162.569271	50.0	676328.0	0.325139	Y



Calibration / Tetrahydrofuran

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

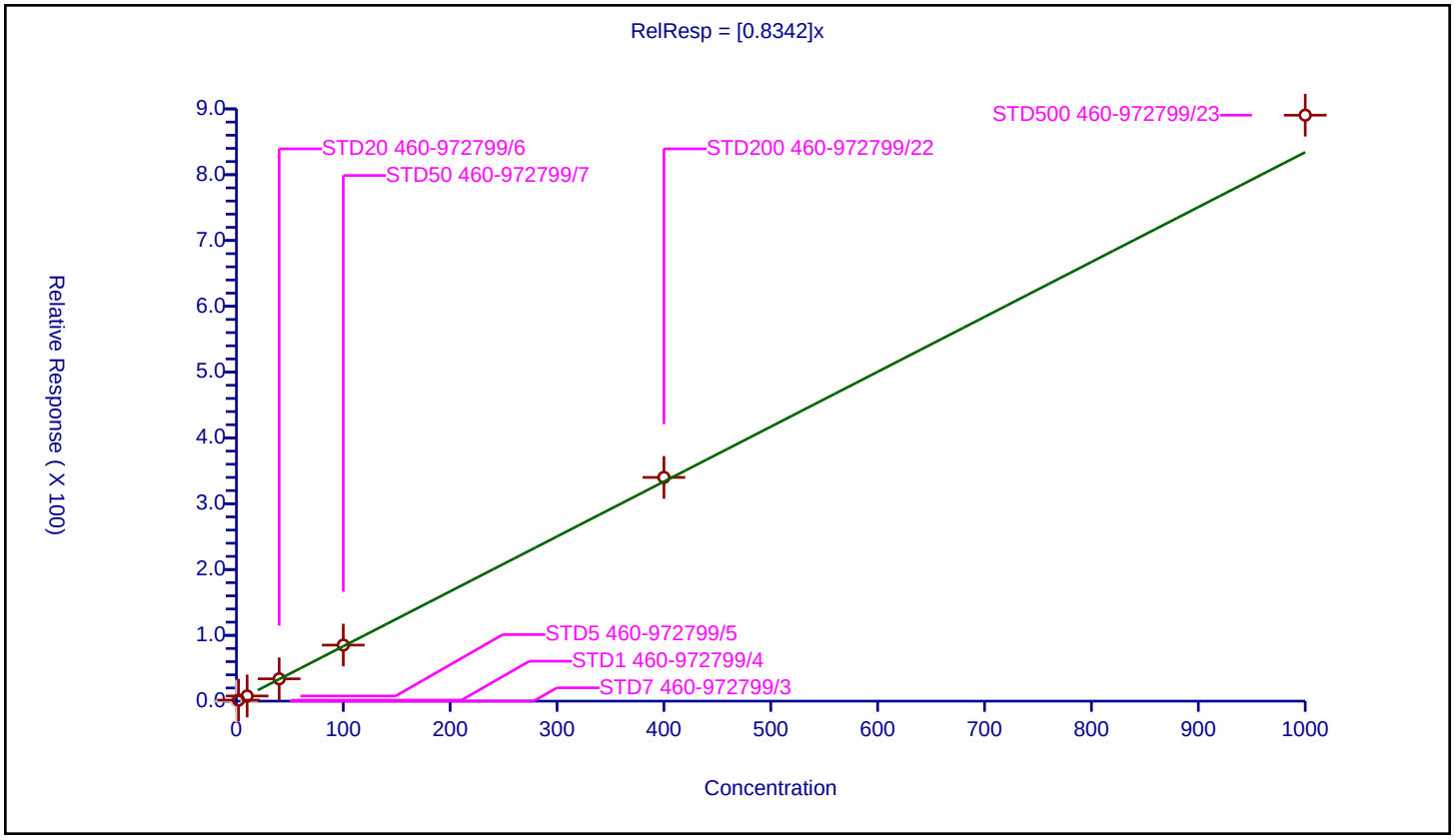
Curve Coefficients

Intercept:	0
Slope:	0.8342

Error Coefficients

Relative Standard Deviation:	5.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	250.0	321324.0	NaN	N
2	STD1 460-972799/4	2.0	1.556201	250.0	324187.0	0.7781	Y
3	STD5 460-972799/5	10.0	7.870521	250.0	325582.0	0.787052	Y
4	STD20 460-972799/6	40.0	33.909956	250.0	337858.0	0.847749	Y
5	STD50 460-972799/7	100.0	85.15813	250.0	345381.0	0.851581	Y
6	STD200 460-972799/22	400.0	340.018054	250.0	349516.0	0.850045	Y
7	STD500 460-972799/23	1000.0	890.451158	250.0	369228.0	0.890451	Y



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Calibration / Dibromofluoromethane (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

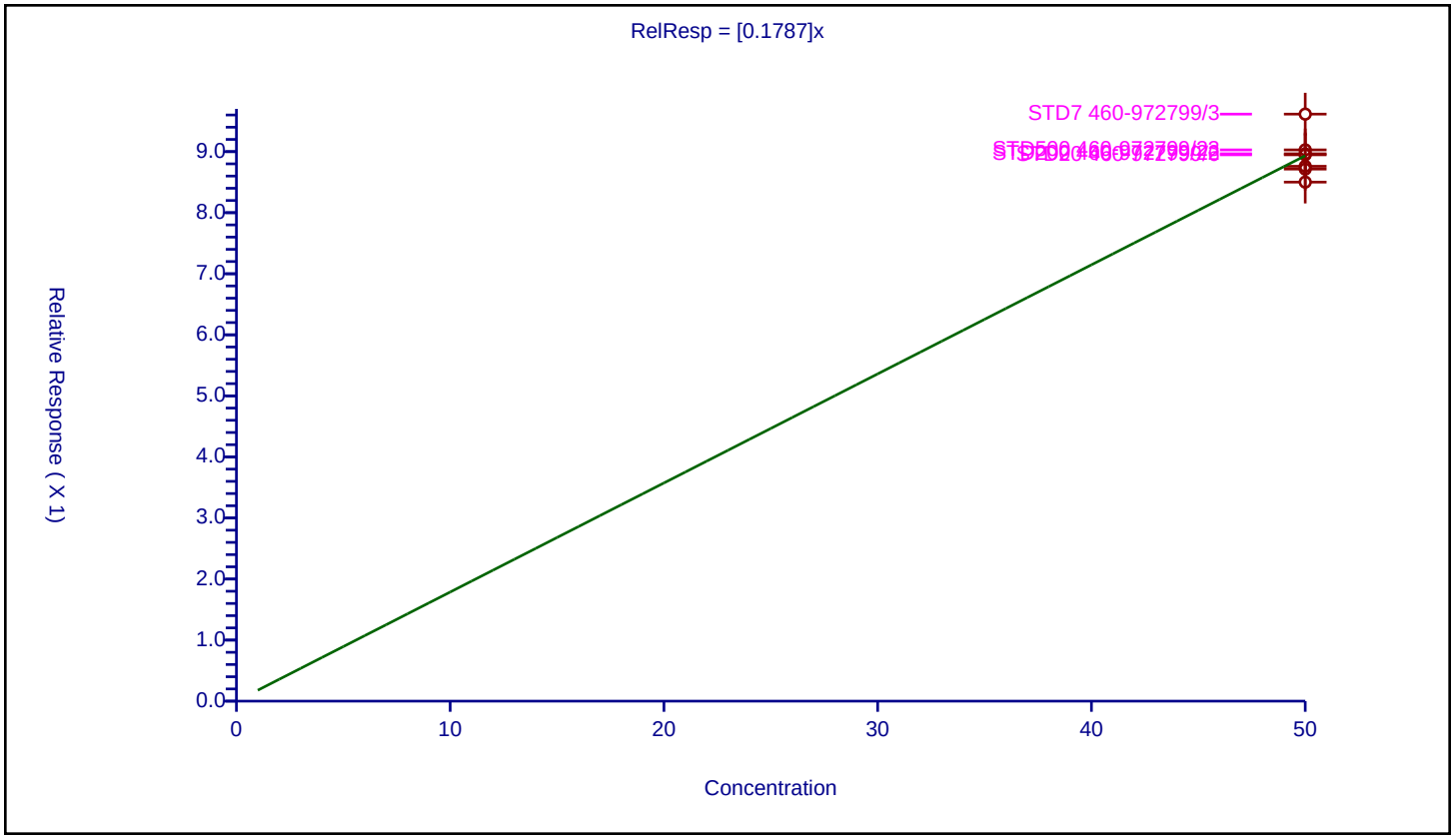
Curve Coefficients

Intercept:	0
Slope:	0.1787

Error Coefficients

Relative Standard Deviation:	3.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	50.0	9.614288	50.0	624248.0	0.192286	Y
2	STD1 460-972799/4	50.0	8.500822	50.0	619046.0	0.170016	Y
3	STD5 460-972799/5	50.0	8.759742	50.0	621919.0	0.175195	Y
4	STD20 460-972799/6	50.0	8.947759	50.0	624391.0	0.178955	Y
5	STD50 460-972799/7	50.0	8.714089	50.0	635666.0	0.174282	Y
6	STD200 460-972799/22	50.0	8.964428	50.0	647275.0	0.179289	Y
7	STD500 460-972799/23	50.0	9.028533	50.0	676328.0	0.180571	Y



Calibration / 1,1,1-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

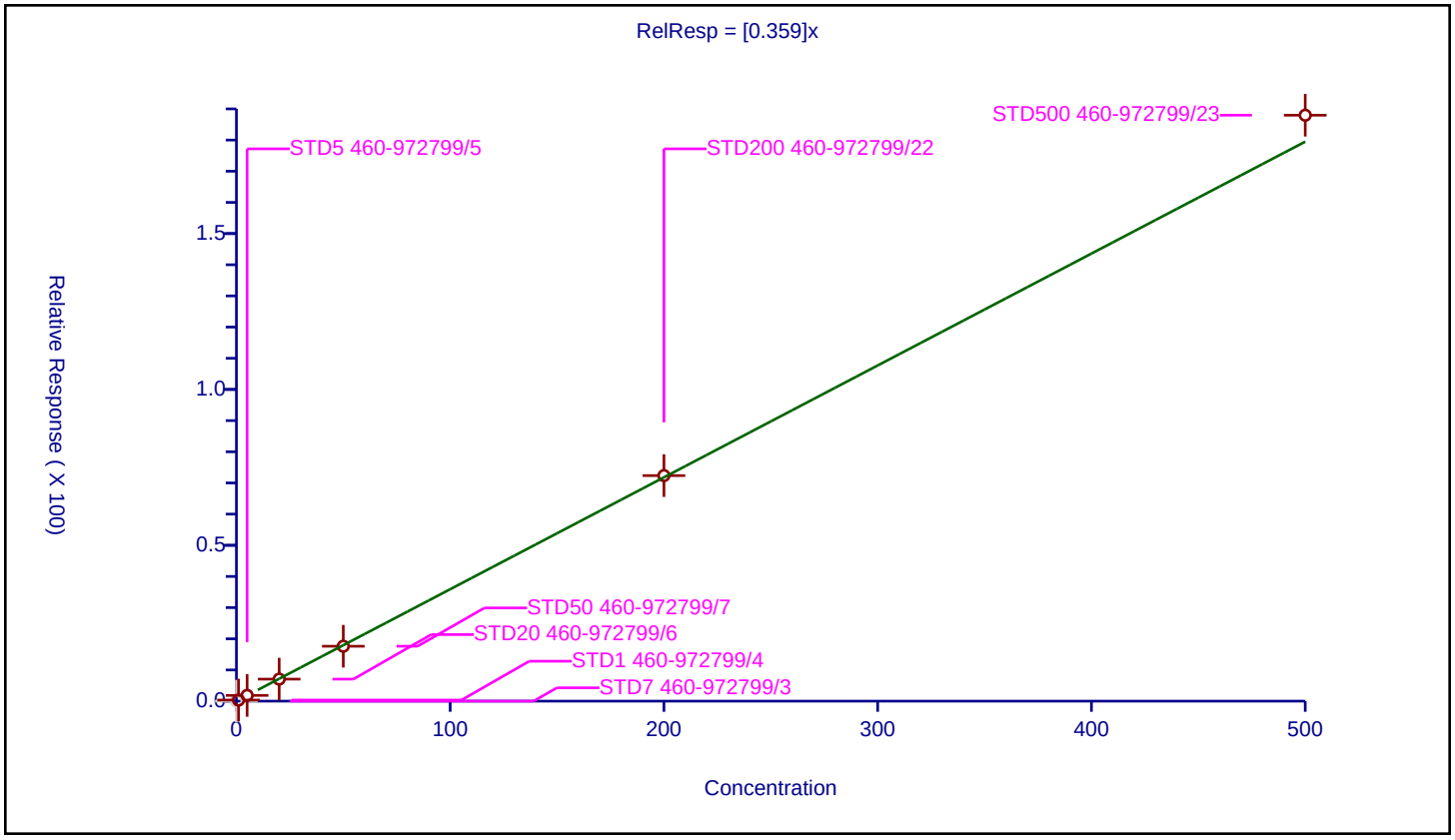
Curve Coefficients

Intercept:	0
Slope:	0.359

Error Coefficients

Relative Standard Deviation:	3.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	50.0	624248.0	NaN	N
2	STD1 460-972799/4	1.0	0.341736	50.0	619046.0	0.341736	Y
3	STD5 460-972799/5	5.0	1.845015	50.0	621919.0	0.369003	Y
4	STD20 460-972799/6	20.0	7.057997	50.0	624391.0	0.3529	Y
5	STD50 460-972799/7	50.0	17.617113	50.0	635666.0	0.352342	Y
6	STD200 460-972799/22	200.0	72.360975	50.0	647275.0	0.361805	Y
7	STD500 460-972799/23	500.0	187.973587	50.0	676328.0	0.375947	Y



Calibration / 2-Butanone (MEK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

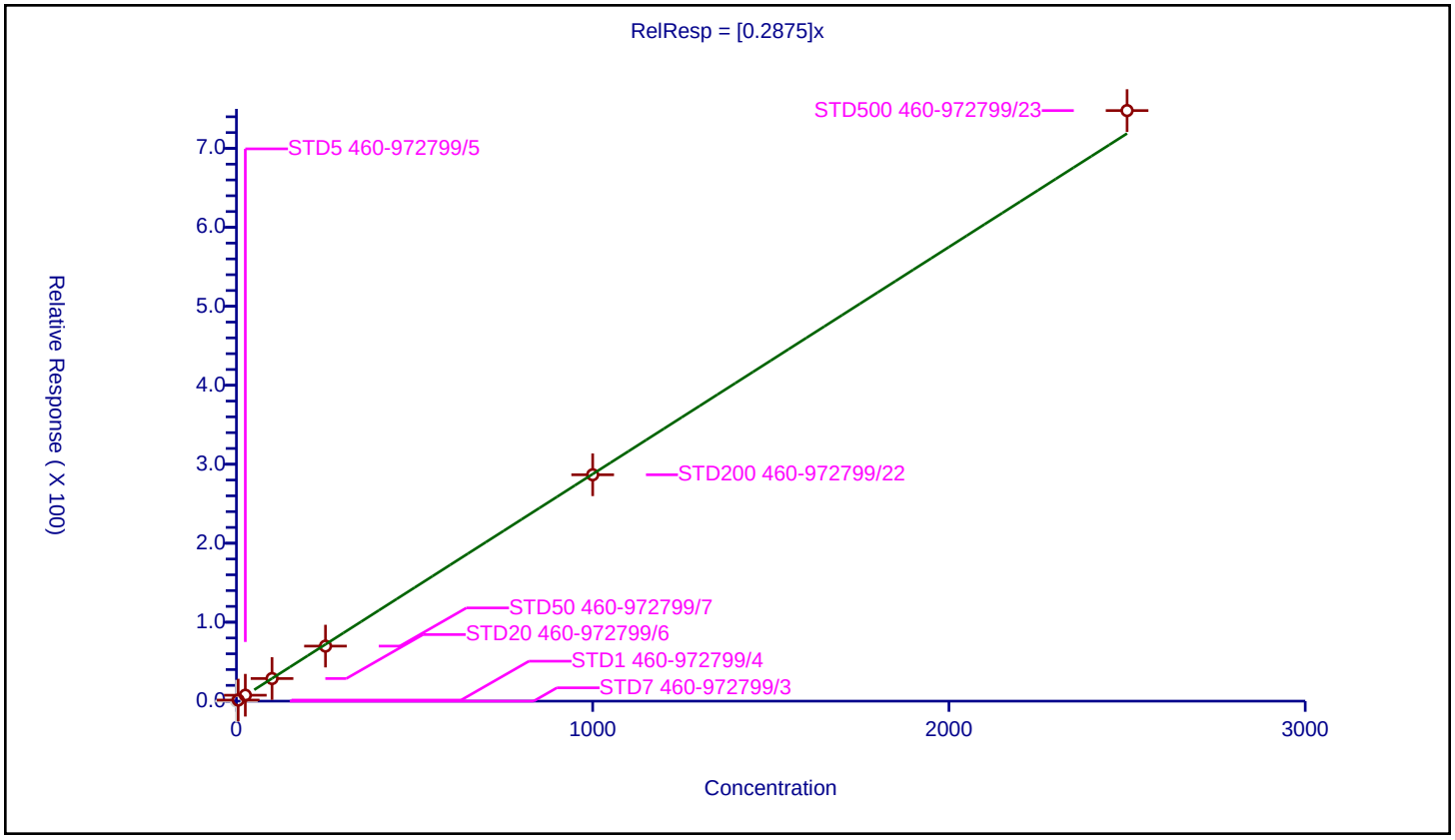
Curve Coefficients

Intercept:	0
Slope:	0.2875

Error Coefficients

Relative Standard Deviation:	3.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	250.0	321324.0	NaN	N
2	STD1 460-972799/4	5.0	1.368809	250.0	324187.0	0.273762	Y
3	STD5 460-972799/5	25.0	7.515004	250.0	325582.0	0.3006	Y
4	STD20 460-972799/6	100.0	28.625932	250.0	337858.0	0.286259	Y
5	STD50 460-972799/7	250.0	69.701286	250.0	345381.0	0.278805	Y
6	STD200 460-972799/22	1000.0	286.685731	250.0	349516.0	0.286686	Y
7	STD500 460-972799/23	2500.0	747.865817	250.0	369228.0	0.299146	Y



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Calibration / 1,1-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

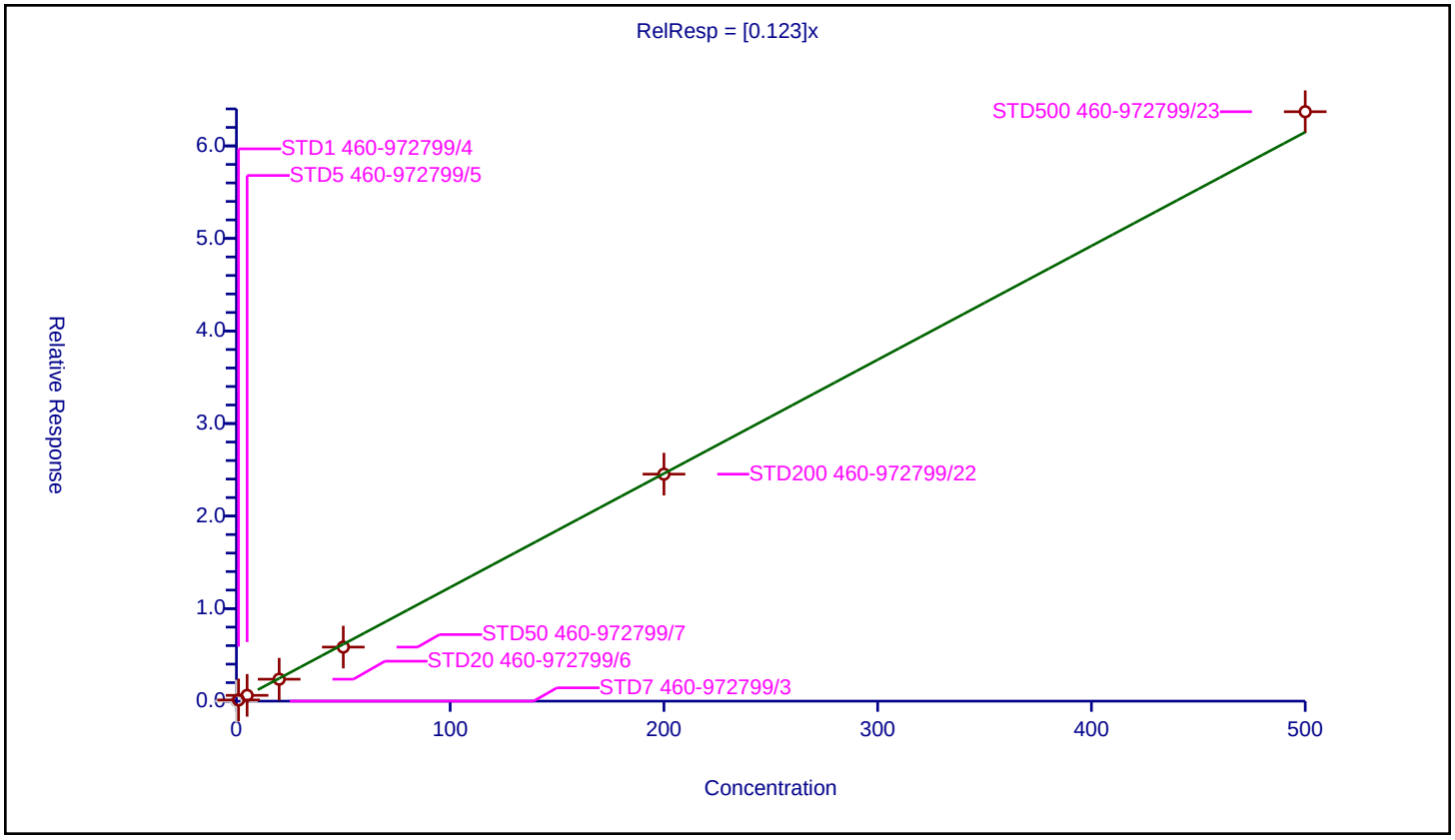
Curve Coefficients

Intercept:	0
Slope:	0.123

Error Coefficients

Relative Standard Deviation:	3.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	50.0	624248.0	NaN	N
2	STD1 460-972799/4	1.0	0.127373	50.0	619046.0	0.127373	Y
3	STD5 460-972799/5	5.0	0.625483	50.0	621919.0	0.125097	Y
4	STD20 460-972799/6	20.0	2.37063	50.0	624391.0	0.118531	Y
5	STD50 460-972799/7	50.0	5.841432	50.0	635666.0	0.116829	Y
6	STD200 460-972799/22	200.0	24.529064	50.0	647275.0	0.122645	Y
7	STD500 460-972799/23	500.0	63.694021	50.0	676328.0	0.127388	Y



Calibration / Isooctane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

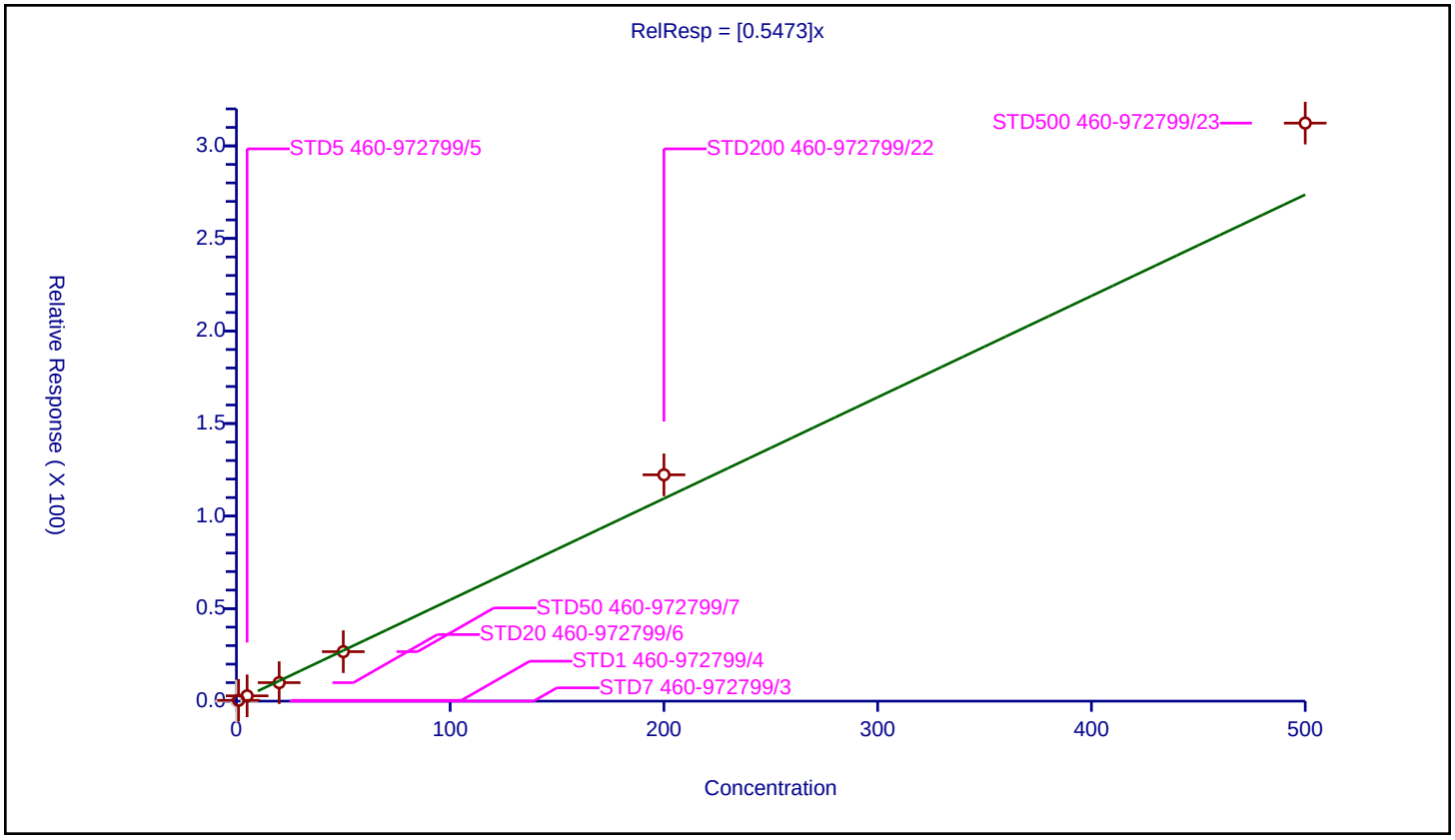
Curve Coefficients

Intercept:	0
Slope:	0.5473

Error Coefficients

Relative Standard Deviation:	12.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	50.0	624248.0	NaN	N
2	STD1 460-972799/4	1.0	0.440355	50.0	619046.0	0.440355	Y
3	STD5 460-972799/5	5.0	2.86436	50.0	621919.0	0.572872	Y
4	STD20 460-972799/6	20.0	9.999183	50.0	624391.0	0.499959	Y
5	STD50 460-972799/7	50.0	26.735345	50.0	635666.0	0.534707	Y
6	STD200 460-972799/22	200.0	122.288208	50.0	647275.0	0.611441	Y
7	STD500 460-972799/23	500.0	312.319171	50.0	676328.0	0.624638	Y



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Calibration / n-Heptane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

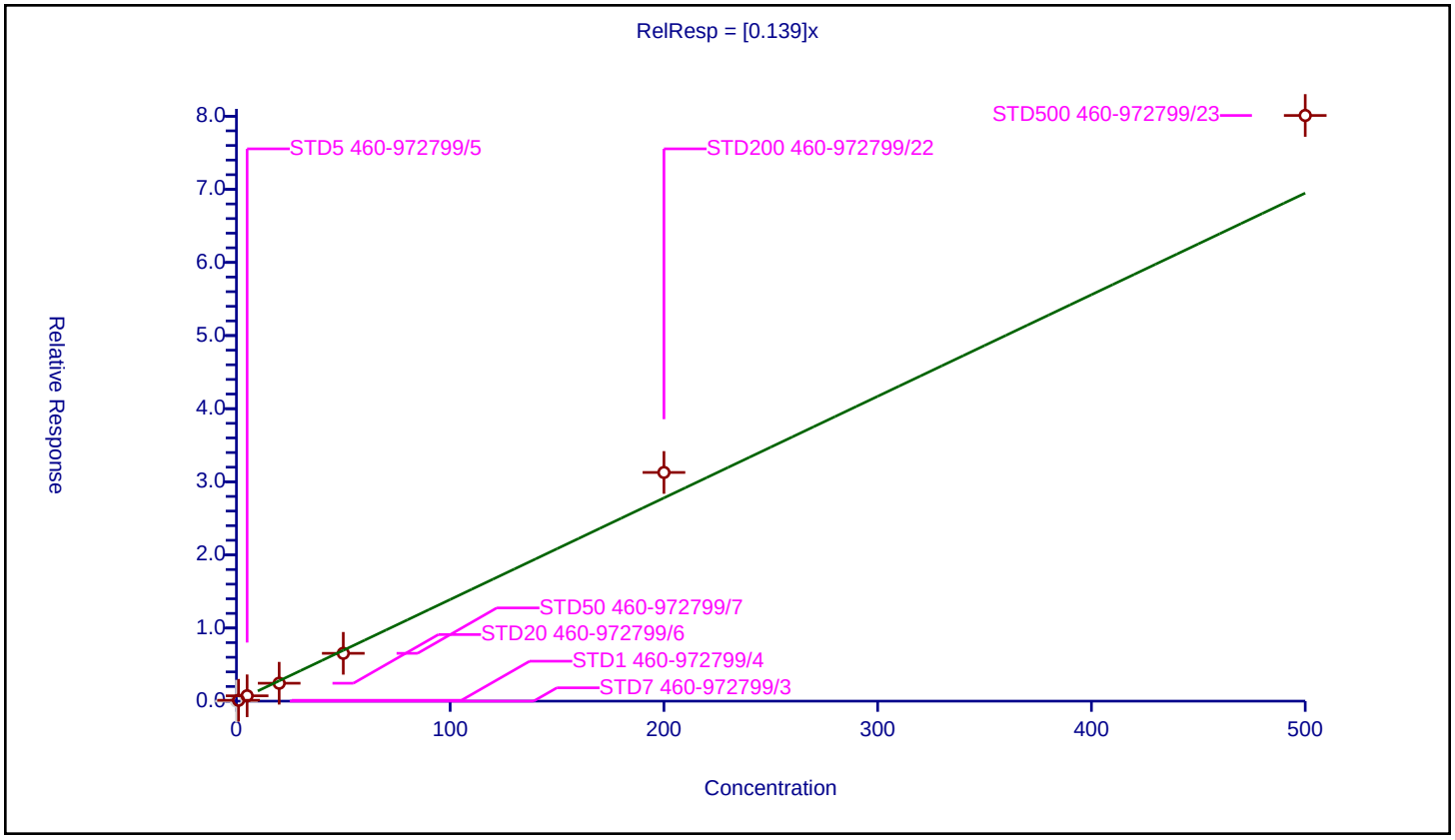
Curve Coefficients

Intercept:	0
Slope:	0.139

Error Coefficients

Relative Standard Deviation:	12.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	50.0	624248.0	NaN	N
2	STD1 460-972799/4	1.0	0.117762	50.0	619046.0	0.117762	Y
3	STD5 460-972799/5	5.0	0.730963	50.0	621919.0	0.146193	Y
4	STD20 460-972799/6	20.0	2.448386	50.0	624391.0	0.122419	Y
5	STD50 460-972799/7	50.0	6.541879	50.0	635666.0	0.130838	Y
6	STD200 460-972799/22	200.0	31.275965	50.0	647275.0	0.15638	Y
7	STD500 460-972799/23	500.0	80.099892	50.0	676328.0	0.1602	Y



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Calibration / Benzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

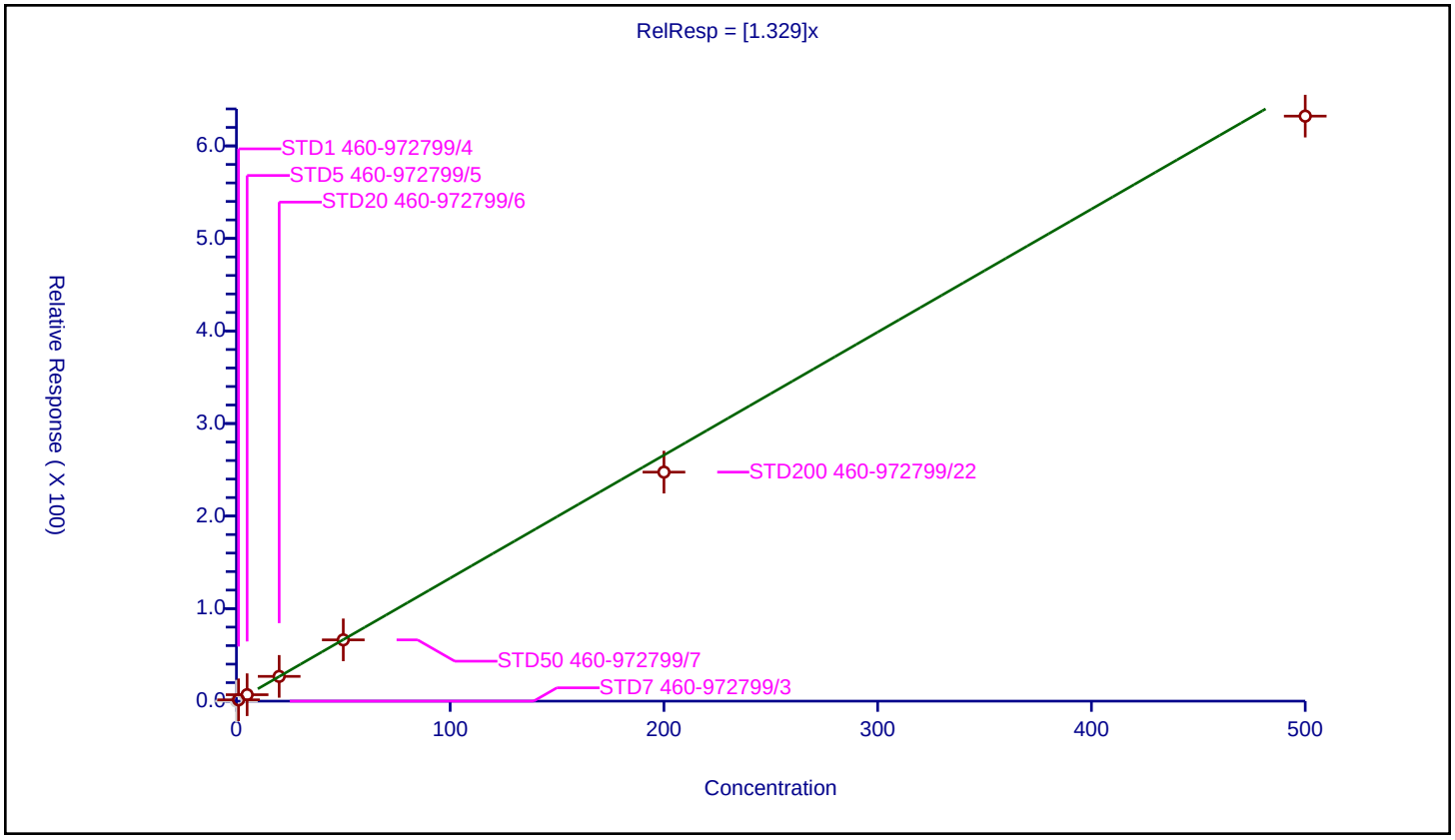
Curve Coefficients

Intercept:	0
Slope:	1.329

Error Coefficients

Relative Standard Deviation:	5.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	50.0	474245.0	NaN	N
2	STD1 460-972799/4	1.0	1.424563	50.0	471092.0	1.424563	Y
3	STD5 460-972799/5	5.0	6.940107	50.0	475180.0	1.388021	Y
4	STD20 460-972799/6	20.0	26.740504	50.0	479660.0	1.337025	Y
5	STD50 460-972799/7	50.0	66.203287	50.0	490598.0	1.324066	Y
6	STD200 460-972799/22	200.0	247.482739	50.0	516196.0	1.237414	Y
7	STD500 460-972799/23	500.0	632.199396	50.0	532819.0	1.264399	Y



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Calibration / Propionitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

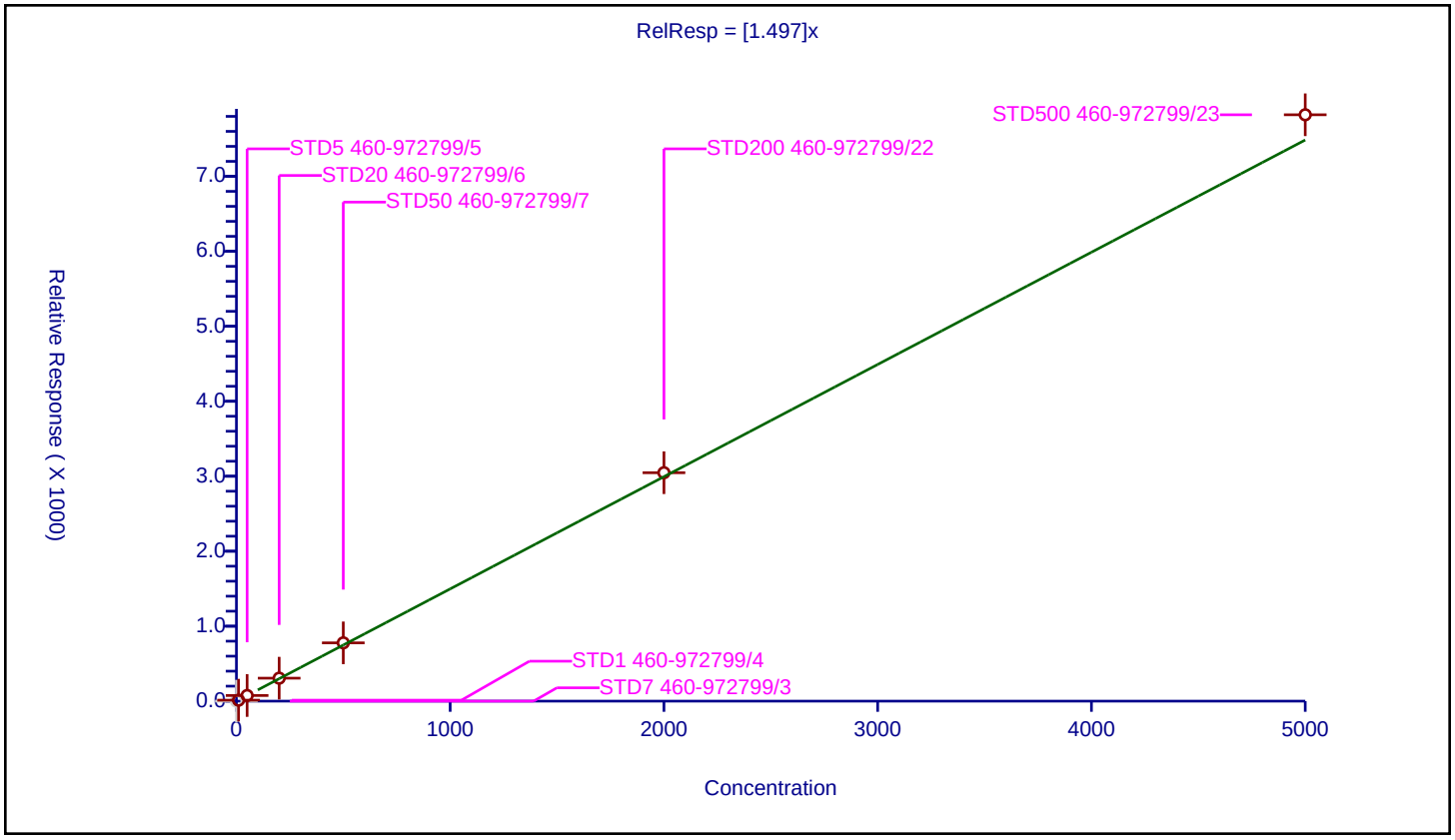
Curve Coefficients

Intercept:	0
Slope:	1.497

Error Coefficients

Relative Standard Deviation:	6.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	1000.0	246466.0	NaN	N
2	STD1 460-972799/4	10.0	13.060521	1000.0	250526.0	1.306052	Y
3	STD5 460-972799/5	50.0	75.032811	1000.0	253729.0	1.500656	Y
4	STD20 460-972799/6	200.0	306.48081	1000.0	257977.0	1.532404	Y
5	STD50 460-972799/7	500.0	777.443961	1000.0	264949.0	1.554888	Y
6	STD200 460-972799/22	2000.0	3047.02488	1000.0	281787.0	1.523512	Y
7	STD500 460-972799/23	5000.0	7821.621311	1000.0	313339.0	1.564324	Y



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Calibration / Methacrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

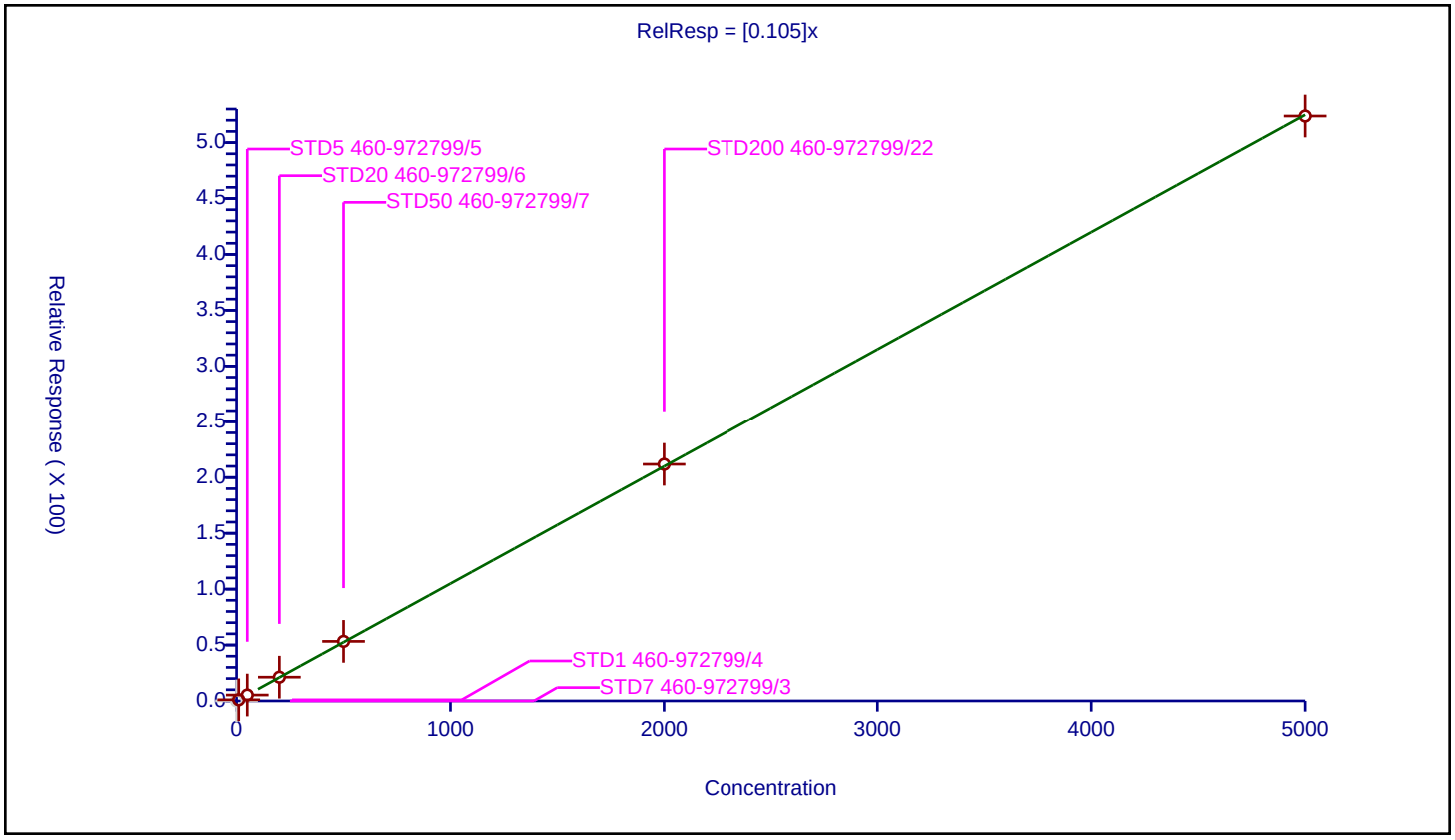
Curve Coefficients

Intercept:	0
Slope:	0.105

Error Coefficients

Relative Standard Deviation:	1.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	50.0	624248.0	NaN	N
2	STD1 460-972799/4	10.0	1.010506	50.0	619046.0	0.101051	Y
3	STD5 460-972799/5	50.0	5.272391	50.0	621919.0	0.105448	Y
4	STD20 460-972799/6	200.0	21.238295	50.0	624391.0	0.106191	Y
5	STD50 460-972799/7	500.0	53.257607	50.0	635666.0	0.106515	Y
6	STD200 460-972799/22	2000.0	211.801244	50.0	647275.0	0.105901	Y
7	STD500 460-972799/23	5000.0	523.766649	50.0	676328.0	0.104753	Y



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Calibration / 1,2-Dichloroethane-d4 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

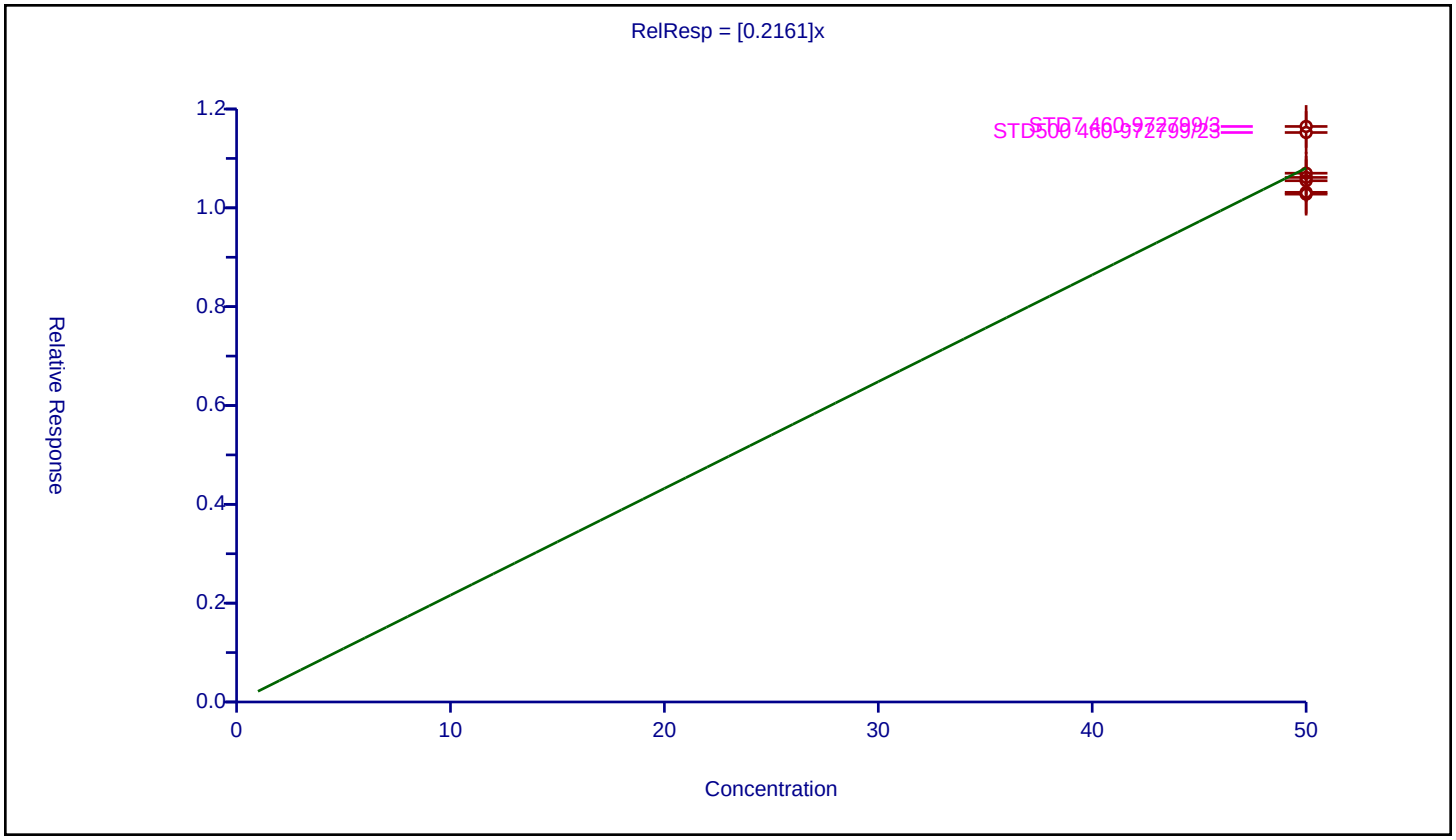
Curve Coefficients

Intercept:	0
Slope:	0.2161

Error Coefficients

Relative Standard Deviation:	5.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	50.0	11.647294	50.0	624248.0	0.232946	Y
2	STD1 460-972799/4	50.0	10.314177	50.0	619046.0	0.206284	Y
3	STD5 460-972799/5	50.0	10.615772	50.0	621919.0	0.212315	Y
4	STD20 460-972799/6	50.0	10.548438	50.0	624391.0	0.210969	Y
5	STD50 460-972799/7	50.0	10.276702	50.0	635666.0	0.205534	Y
6	STD200 460-972799/22	50.0	10.701016	50.0	647275.0	0.21402	Y
7	STD500 460-972799/23	50.0	11.524734	50.0	676328.0	0.230495	Y



Calibration / Tert-amyl methyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

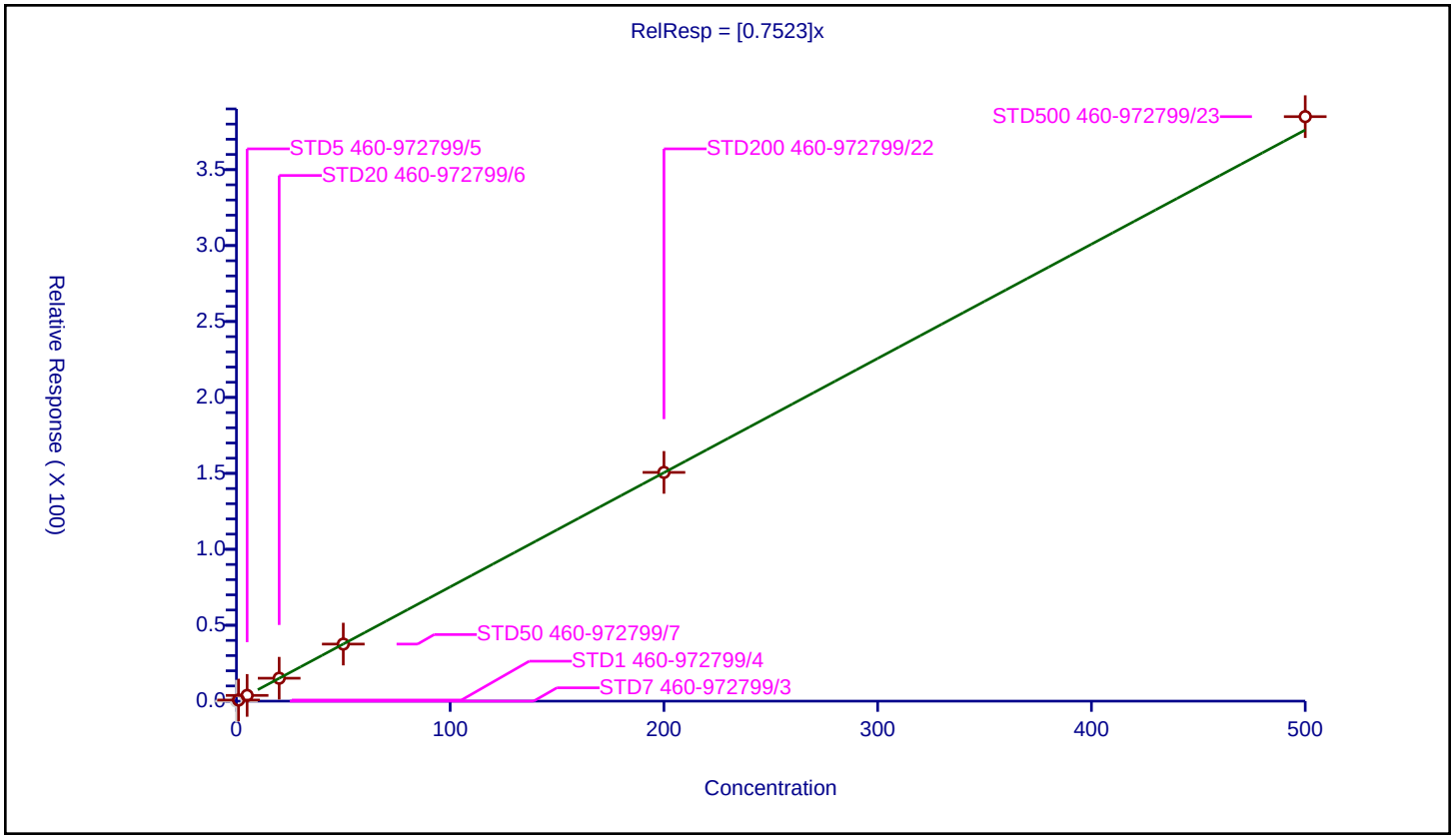
Curve Coefficients

Intercept:	0
Slope:	0.7523

Error Coefficients

Relative Standard Deviation:	1.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	50.0	624248.0	NaN	N
2	STD1 460-972799/4	1.0	0.728137	50.0	619046.0	0.728137	Y
3	STD5 460-972799/5	5.0	3.779351	50.0	621919.0	0.75587	Y
4	STD20 460-972799/6	20.0	15.098792	50.0	624391.0	0.75494	Y
5	STD50 460-972799/7	50.0	37.583731	50.0	635666.0	0.751675	Y
6	STD200 460-972799/22	200.0	150.633579	50.0	647275.0	0.753168	Y
7	STD500 460-972799/23	500.0	384.897417	50.0	676328.0	0.769795	Y



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Calibration / 1,2-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

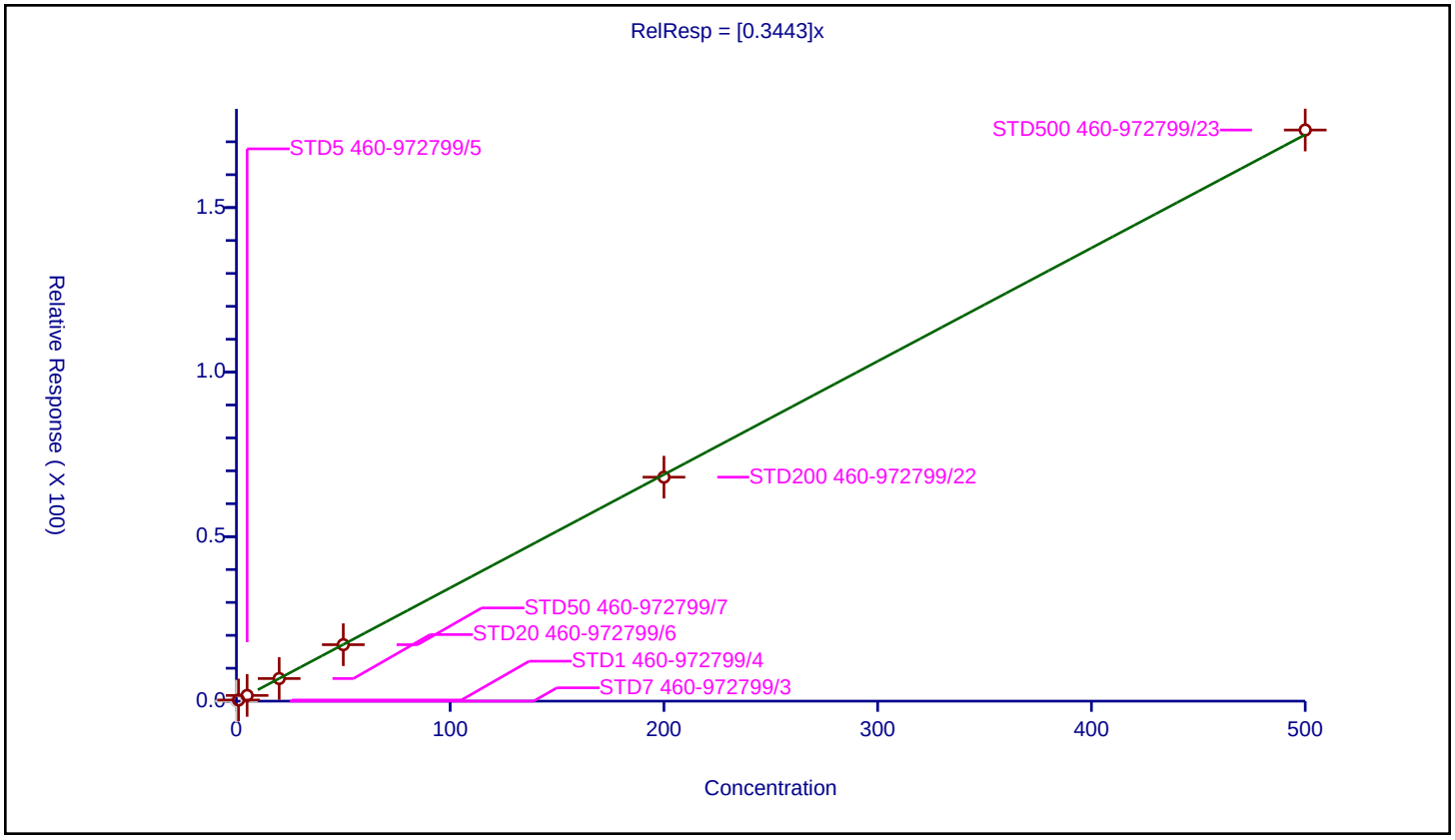
Curve Coefficients

Intercept:	0
Slope:	0.3443

Error Coefficients

Relative Standard Deviation:	0.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	50.0	624248.0	NaN	N
2	STD1 460-972799/4	1.0	0.343916	50.0	619046.0	0.343916	Y
3	STD5 460-972799/5	5.0	1.739857	50.0	621919.0	0.347971	Y
4	STD20 460-972799/6	20.0	6.867972	50.0	624391.0	0.343399	Y
5	STD50 460-972799/7	50.0	17.158067	50.0	635666.0	0.343161	Y
6	STD200 460-972799/22	200.0	68.074466	50.0	647275.0	0.340372	Y
7	STD500 460-972799/23	500.0	173.577835	50.0	676328.0	0.347156	Y



Calibration / Isobutyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

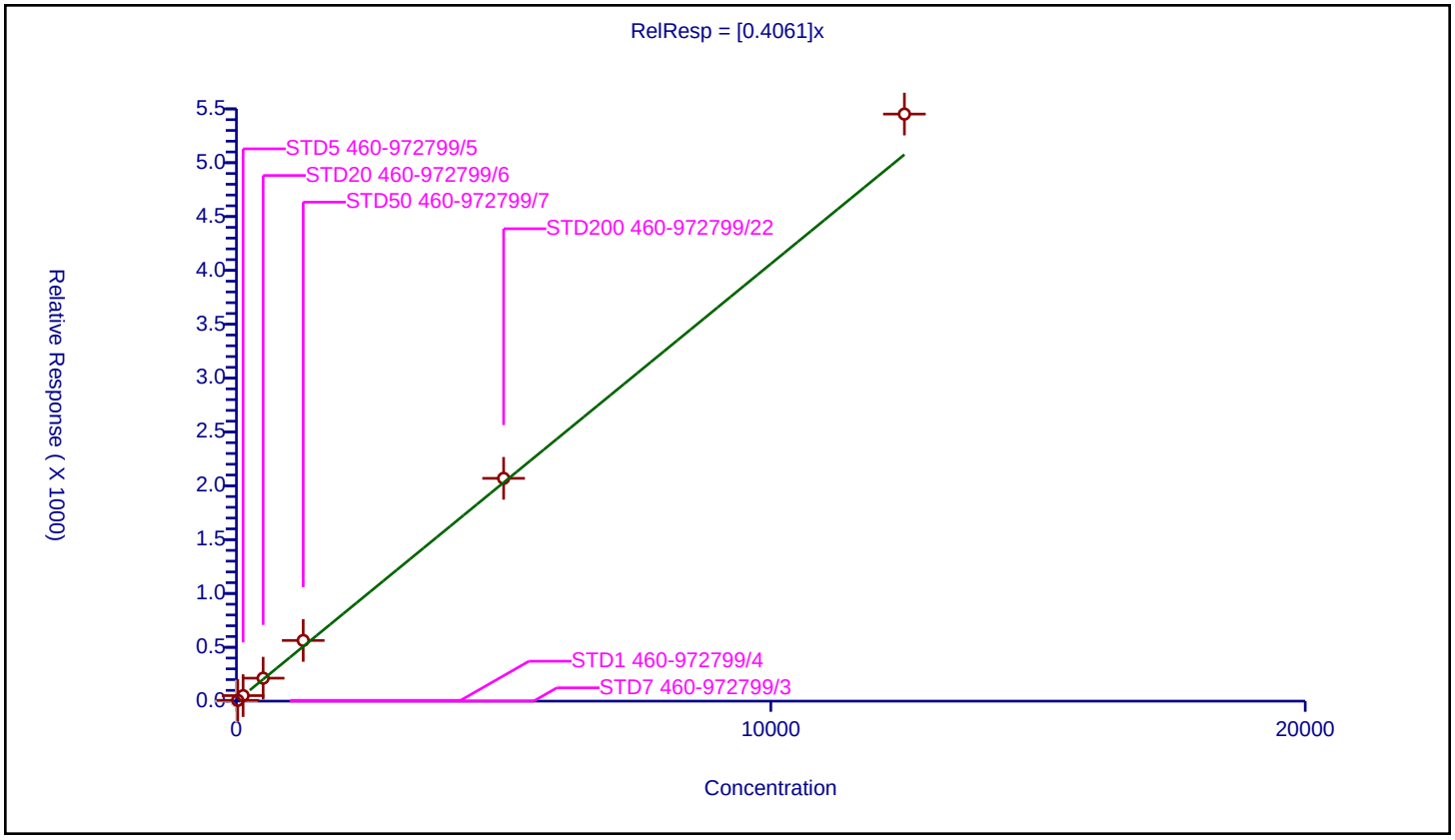
Curve Coefficients

Intercept:	0
Slope:	0.4061

Error Coefficients

Relative Standard Deviation:	13.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	1000.0	246466.0	NaN	N
2	STD1 460-972799/4	25.0	7.444337	1000.0	250526.0	0.297773	Y
3	STD5 460-972799/5	125.0	51.401298	1000.0	253729.0	0.41121	Y
4	STD20 460-972799/6	500.0	213.251569	1000.0	257977.0	0.426503	Y
5	STD50 460-972799/7	1250.0	563.633001	1000.0	264949.0	0.450906	Y
6	STD200 460-972799/22	5000.0	2069.101839	1000.0	281787.0	0.41382	Y
7	STD500 460-972799/23	12500.0	5451.983315	1000.0	313339.0	0.436159	Y



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Calibration / Isopropyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

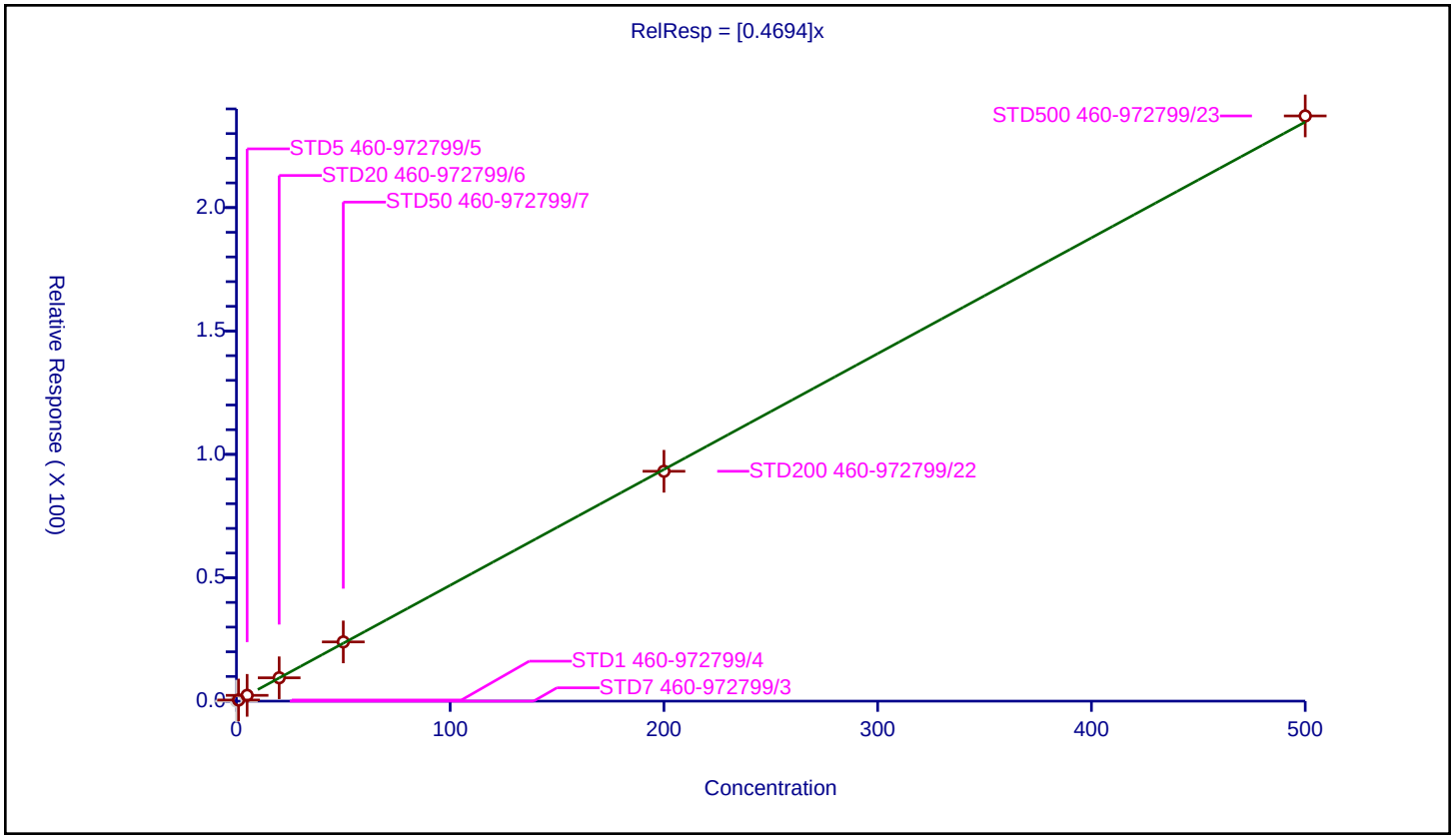
Curve Coefficients

Intercept:	0
Slope:	0.4694

Error Coefficients

Relative Standard Deviation:	1.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	50.0	624248.0	NaN	N
2	STD1 460-972799/4	1.0	0.45352	50.0	619046.0	0.45352	Y
3	STD5 460-972799/5	5.0	2.349181	50.0	621919.0	0.469836	Y
4	STD20 460-972799/6	20.0	9.460338	50.0	624391.0	0.473017	Y
5	STD50 460-972799/7	50.0	24.001992	50.0	635666.0	0.48004	Y
6	STD200 460-972799/22	200.0	93.153837	50.0	647275.0	0.465769	Y
7	STD500 460-972799/23	500.0	237.148174	50.0	676328.0	0.474296	Y



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Calibration / Methylcyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

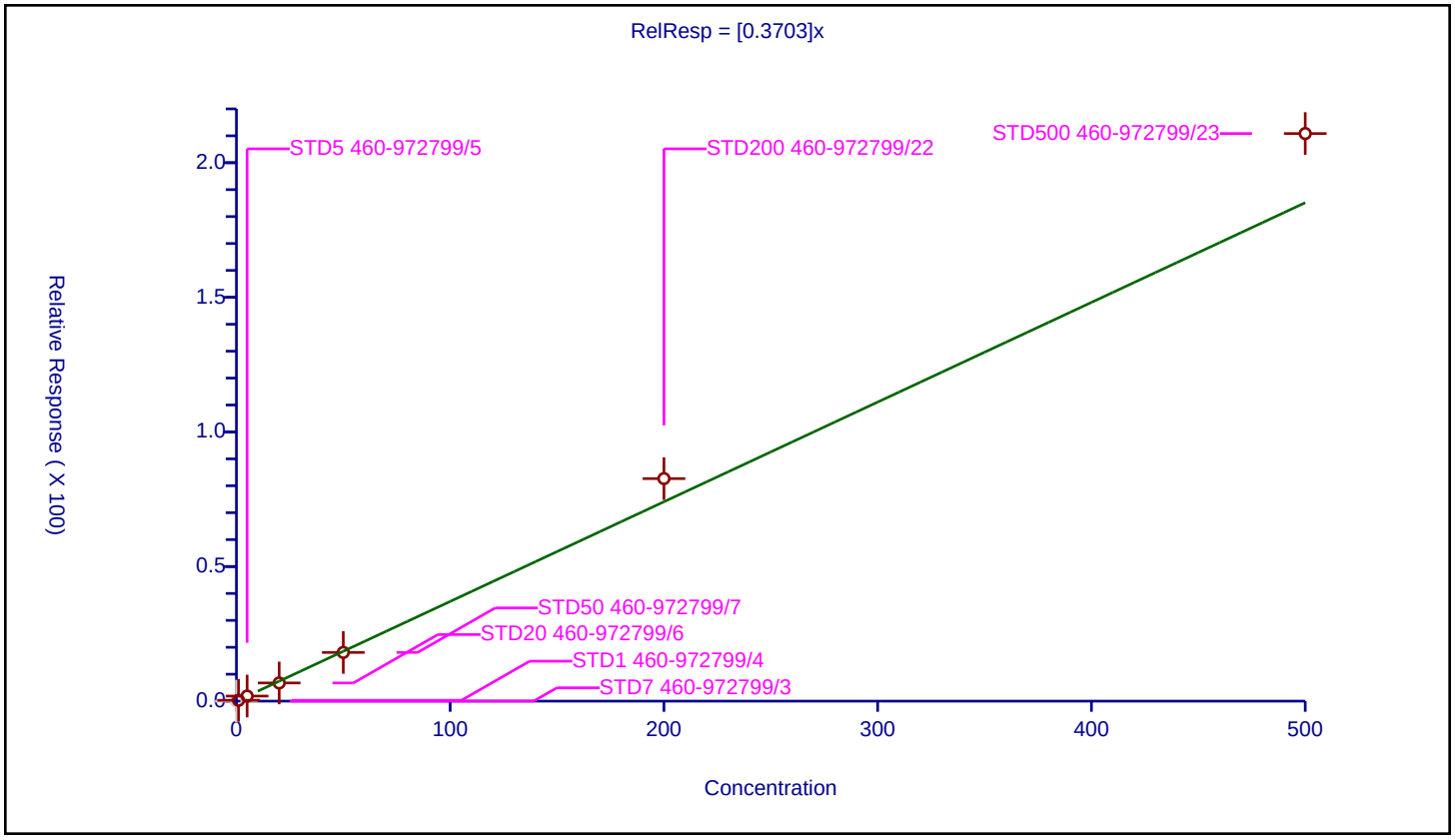
Curve Coefficients

Intercept:	0
Slope:	0.3703

Error Coefficients

Relative Standard Deviation:	11.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	50.0	624248.0	NaN	N
2	STD1 460-972799/4	1.0	0.310962	50.0	619046.0	0.310962	Y
3	STD5 460-972799/5	5.0	1.882158	50.0	621919.0	0.376432	Y
4	STD20 460-972799/6	20.0	6.751218	50.0	624391.0	0.337561	Y
5	STD50 460-972799/7	50.0	18.093386	50.0	635666.0	0.361868	Y
6	STD200 460-972799/22	200.0	82.66919	50.0	647275.0	0.413346	Y
7	STD500 460-972799/23	500.0	210.839563	50.0	676328.0	0.421679	Y



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Calibration / Trichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

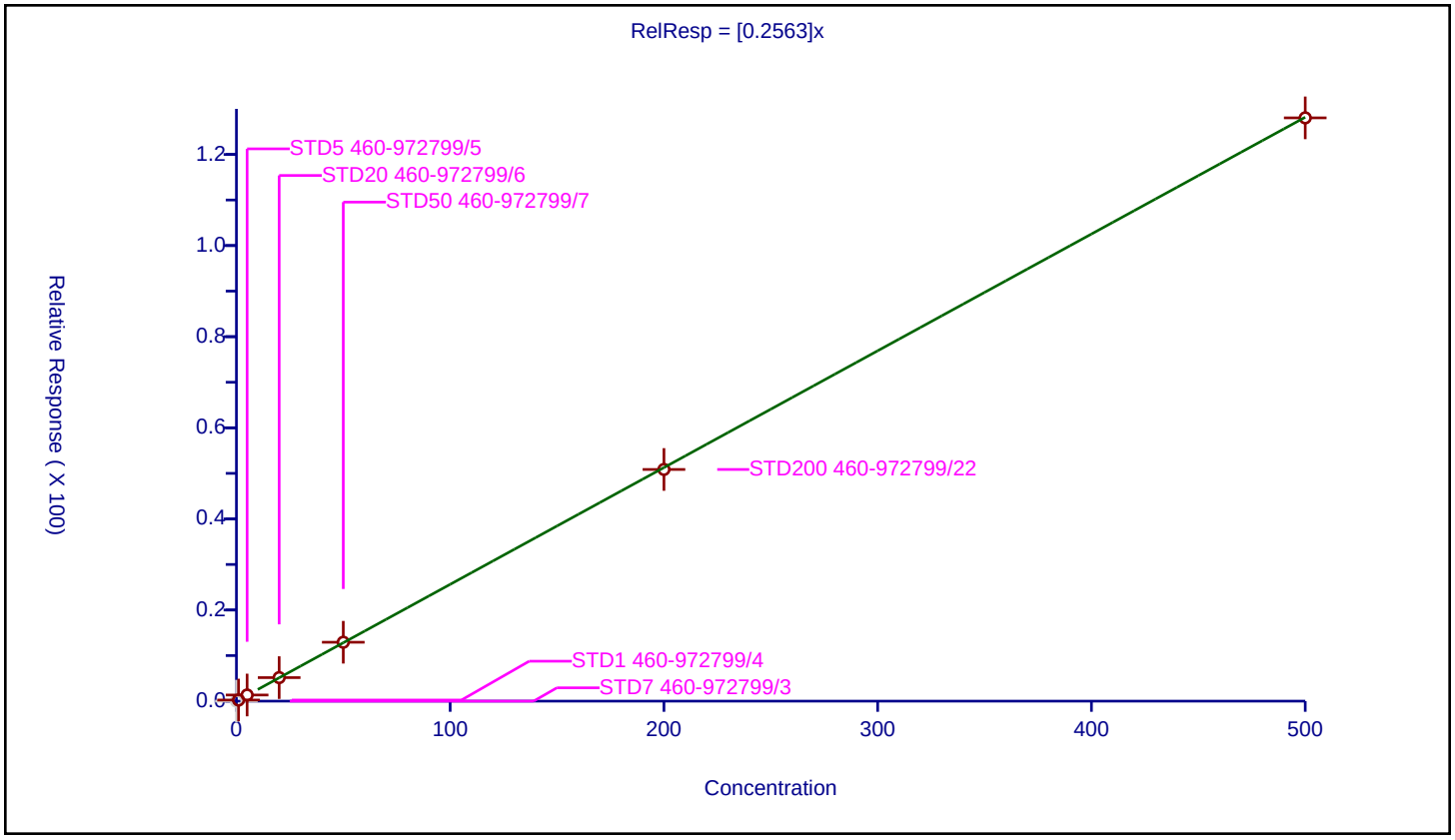
Curve Coefficients

Intercept:	0
Slope:	0.2563

Error Coefficients

Relative Standard Deviation:	3.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	50.0	624248.0	NaN	N
2	STD1 460-972799/4	1.0	0.241743	50.0	619046.0	0.241743	Y
3	STD5 460-972799/5	5.0	1.345915	50.0	621919.0	0.269183	Y
4	STD20 460-972799/6	20.0	5.162791	50.0	624391.0	0.25814	Y
5	STD50 460-972799/7	50.0	12.931634	50.0	635666.0	0.258633	Y
6	STD200 460-972799/22	200.0	50.854969	50.0	647275.0	0.254275	Y
7	STD500 460-972799/23	500.0	128.031148	50.0	676328.0	0.256062	Y



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Calibration / n-Butanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

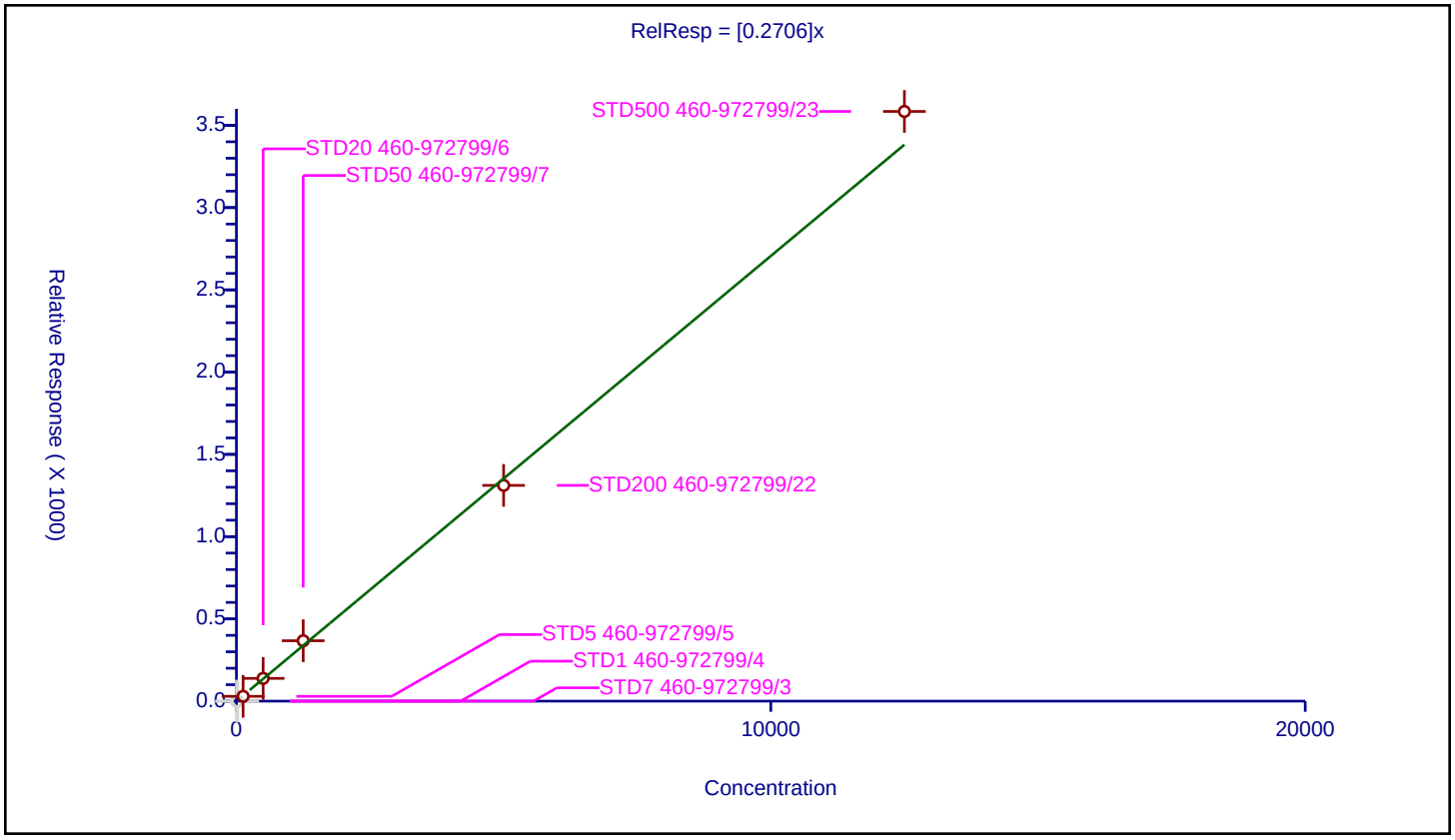
Curve Coefficients

Intercept:	0
Slope:	0.2706

Error Coefficients

Relative Standard Deviation:	8.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	1000.0	246466.0	NaN	N
2	STD1 460-972799/4	25.0	0.0	1000.0	250526.0	0.0	N
3	STD5 460-972799/5	125.0	29.188623	1000.0	253729.0	0.233509	Y
4	STD20 460-972799/6	500.0	138.357295	1000.0	257977.0	0.276715	Y
5	STD50 460-972799/7	1250.0	367.100838	1000.0	264949.0	0.293681	Y
6	STD200 460-972799/22	5000.0	1311.465753	1000.0	281787.0	0.262293	Y
7	STD500 460-972799/23	12500.0	3584.405388	1000.0	313339.0	0.286752	Y



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Calibration / Dibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

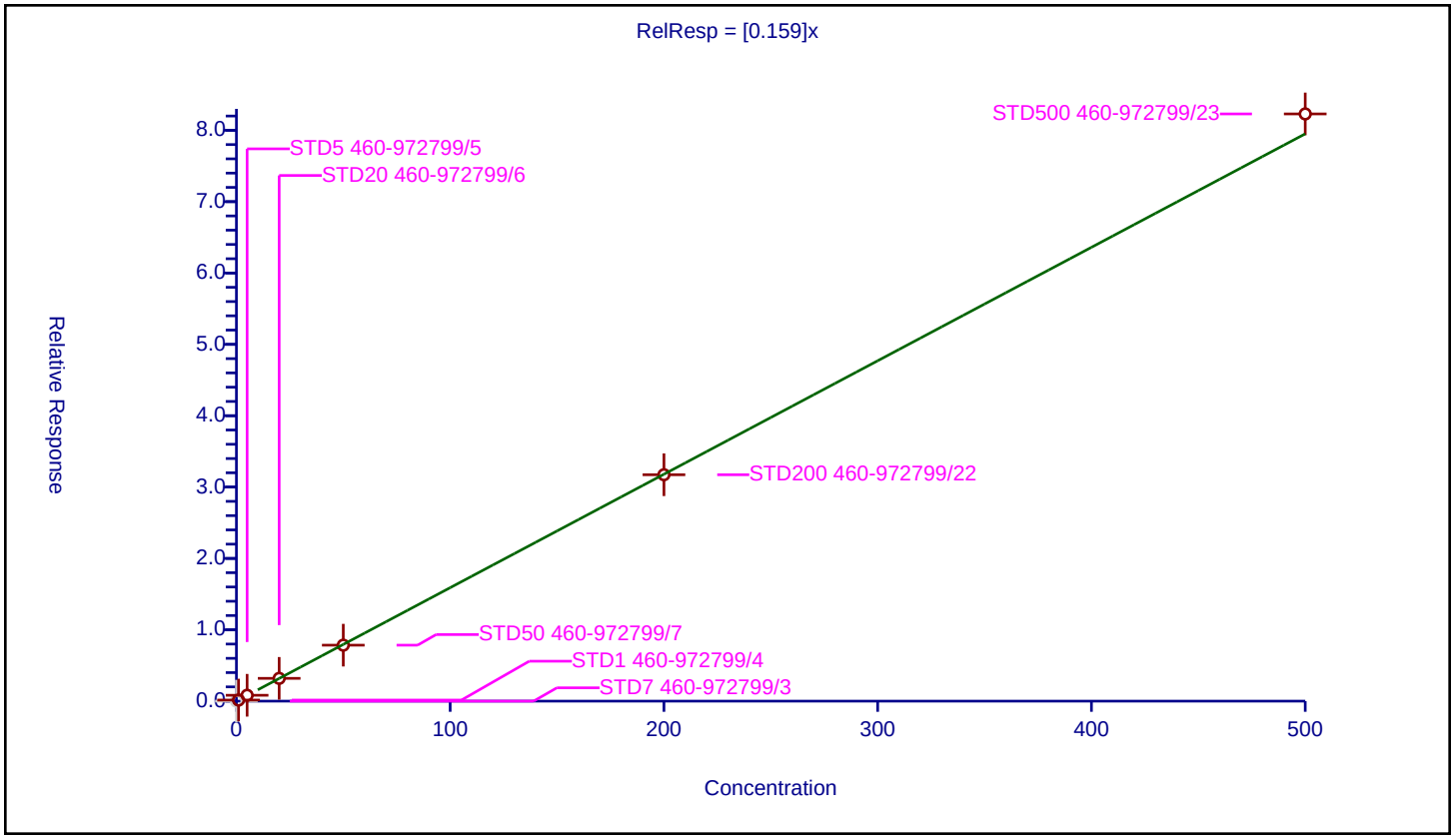
Curve Coefficients

Intercept:	0
Slope:	0.159

Error Coefficients

Relative Standard Deviation:	3.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	50.0	624248.0	NaN	N
2	STD1 460-972799/4	1.0	0.149989	50.0	619046.0	0.149989	Y
3	STD5 460-972799/5	5.0	0.821731	50.0	621919.0	0.164346	Y
4	STD20 460-972799/6	20.0	3.19143	50.0	624391.0	0.159571	Y
5	STD50 460-972799/7	50.0	7.843978	50.0	635666.0	0.15688	Y
6	STD200 460-972799/22	200.0	31.730794	50.0	647275.0	0.158654	Y
7	STD500 460-972799/23	500.0	82.29365	50.0	676328.0	0.164587	Y



Calibration / 1,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

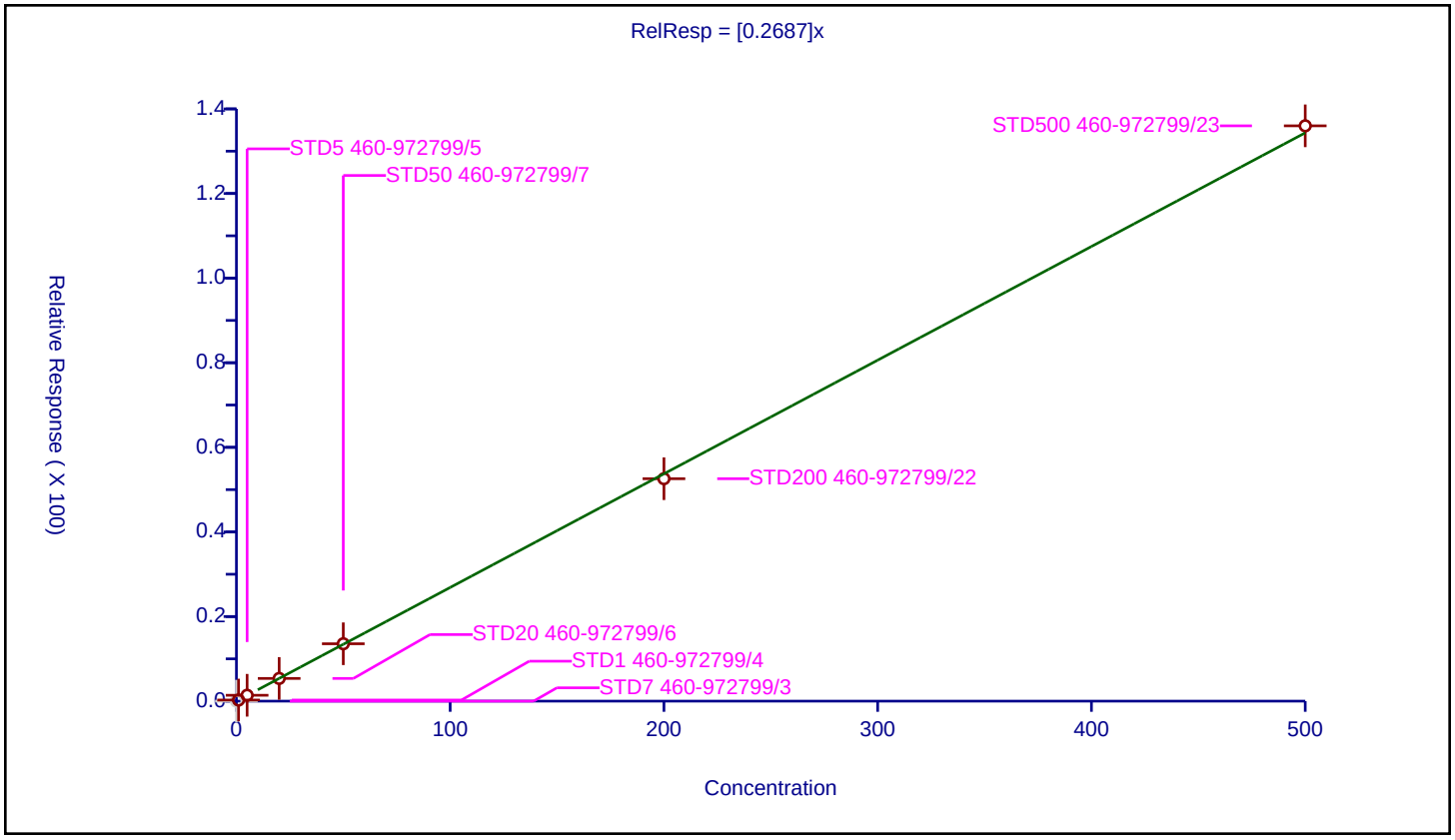
Curve Coefficients

Intercept:	0
Slope:	0.2687

Error Coefficients

Relative Standard Deviation:	2.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	50.0	624248.0	NaN	N
2	STD1 460-972799/4	1.0	0.26032	50.0	619046.0	0.26032	Y
3	STD5 460-972799/5	5.0	1.38547	50.0	621919.0	0.277094	Y
4	STD20 460-972799/6	20.0	5.370353	50.0	624391.0	0.268518	Y
5	STD50 460-972799/7	50.0	13.564277	50.0	635666.0	0.271286	Y
6	STD200 460-972799/22	200.0	52.577575	50.0	647275.0	0.262888	Y
7	STD500 460-972799/23	500.0	135.993926	50.0	676328.0	0.271988	Y



Calibration / Ethyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

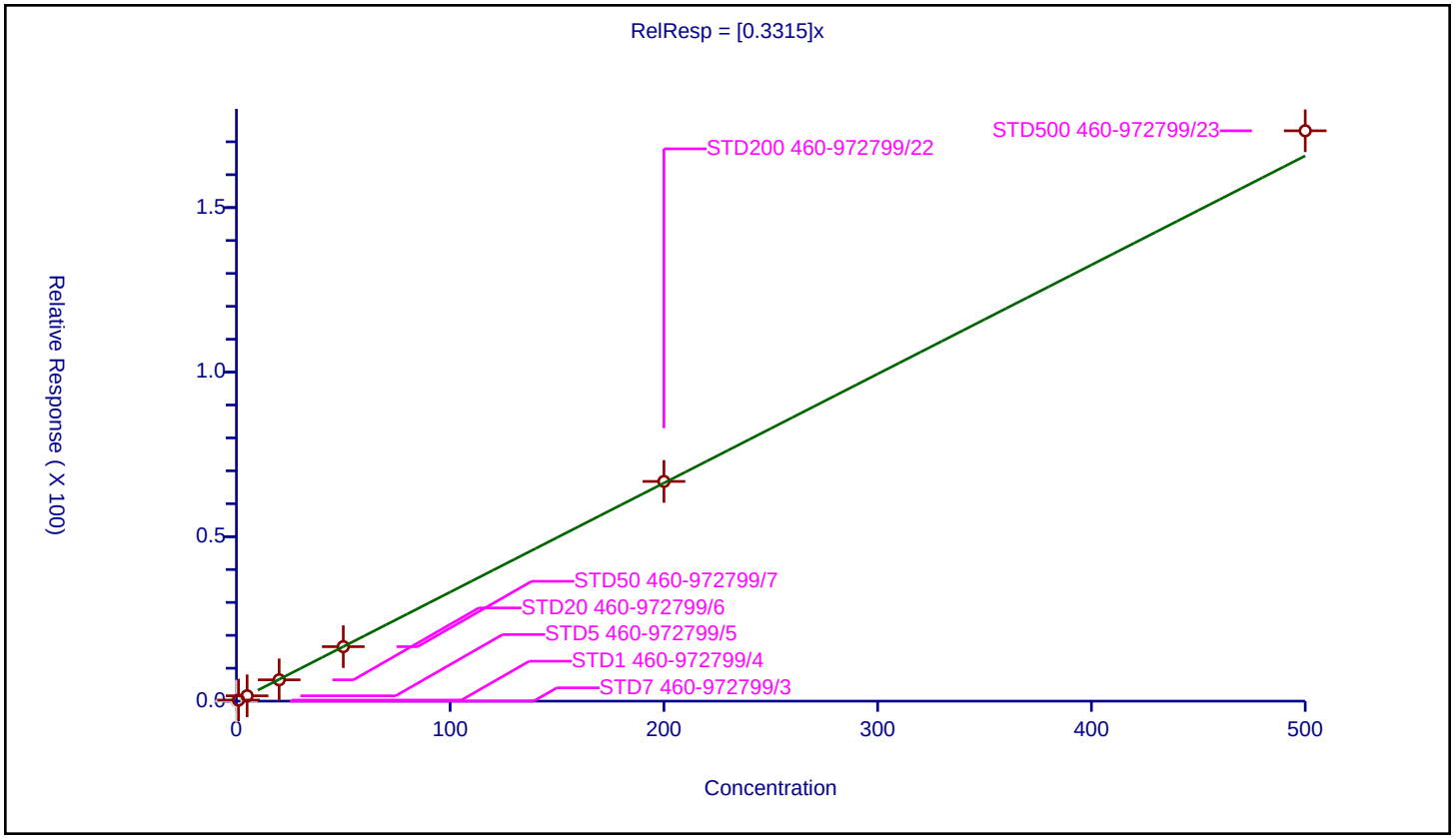
Curve Coefficients

Intercept:	0
Slope:	0.3315

Error Coefficients

Relative Standard Deviation:	2.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	50.0	624248.0	NaN	N
2	STD1 460-972799/4	1.0	0.328651	50.0	619046.0	0.328651	Y
3	STD5 460-972799/5	5.0	1.621272	50.0	621919.0	0.324254	Y
4	STD20 460-972799/6	20.0	6.483678	50.0	624391.0	0.324184	Y
5	STD50 460-972799/7	50.0	16.55492	50.0	635666.0	0.331098	Y
6	STD200 460-972799/22	200.0	66.776023	50.0	647275.0	0.33388	Y
7	STD500 460-972799/23	500.0	173.347104	50.0	676328.0	0.346694	Y



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Calibration / Dichlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

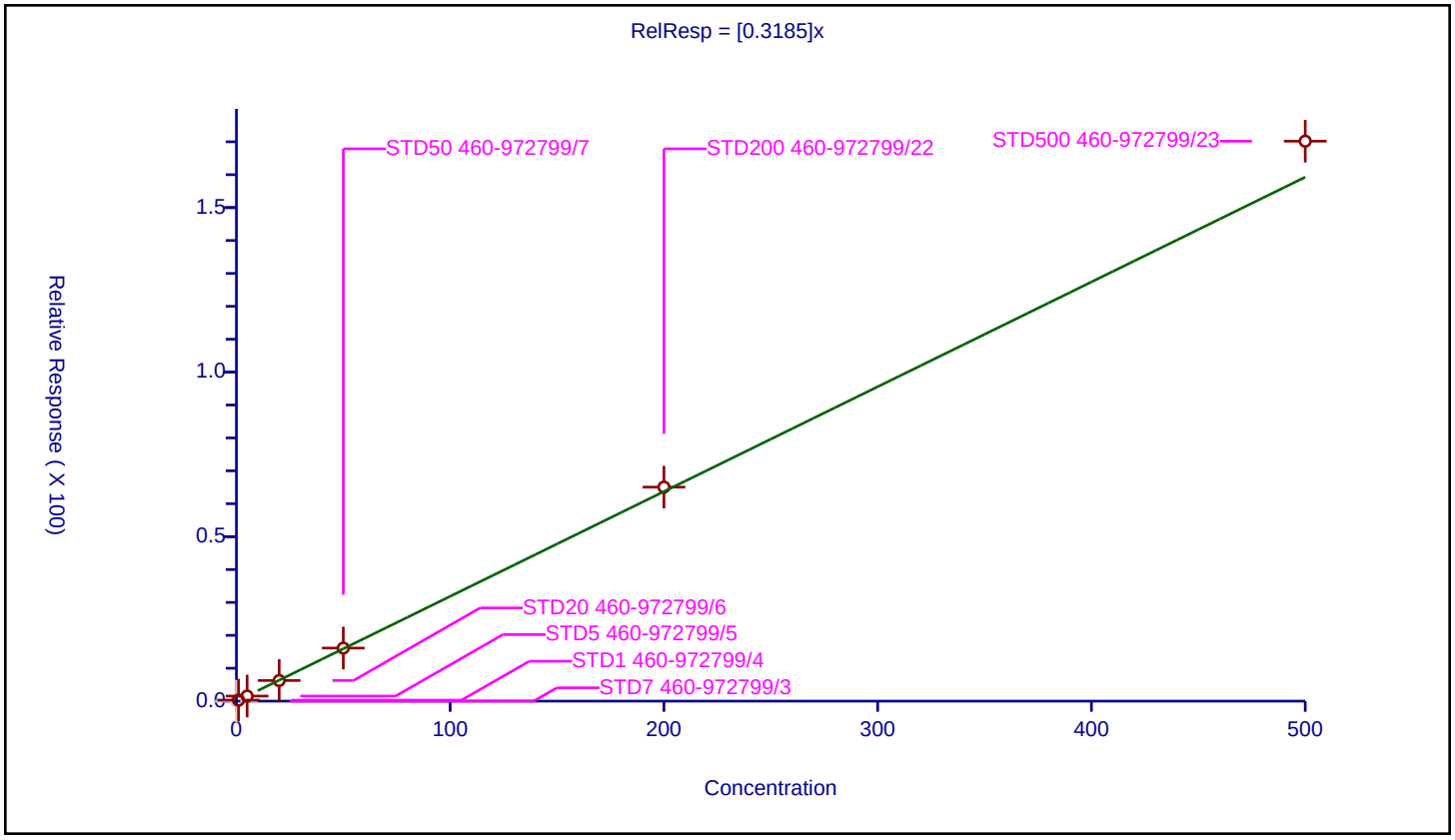
Curve Coefficients

Intercept:	0
Slope:	0.3185

Error Coefficients

Relative Standard Deviation:	4.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	50.0	624248.0	NaN	N
2	STD1 460-972799/4	1.0	0.300705	50.0	619046.0	0.300705	Y
3	STD5 460-972799/5	5.0	1.544655	50.0	621919.0	0.308931	Y
4	STD20 460-972799/6	20.0	6.265305	50.0	624391.0	0.313265	Y
5	STD50 460-972799/7	50.0	16.130326	50.0	635666.0	0.322607	Y
6	STD200 460-972799/22	200.0	65.044378	50.0	647275.0	0.325222	Y
7	STD500 460-972799/23	500.0	170.187099	50.0	676328.0	0.340374	Y



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Calibration / Methyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

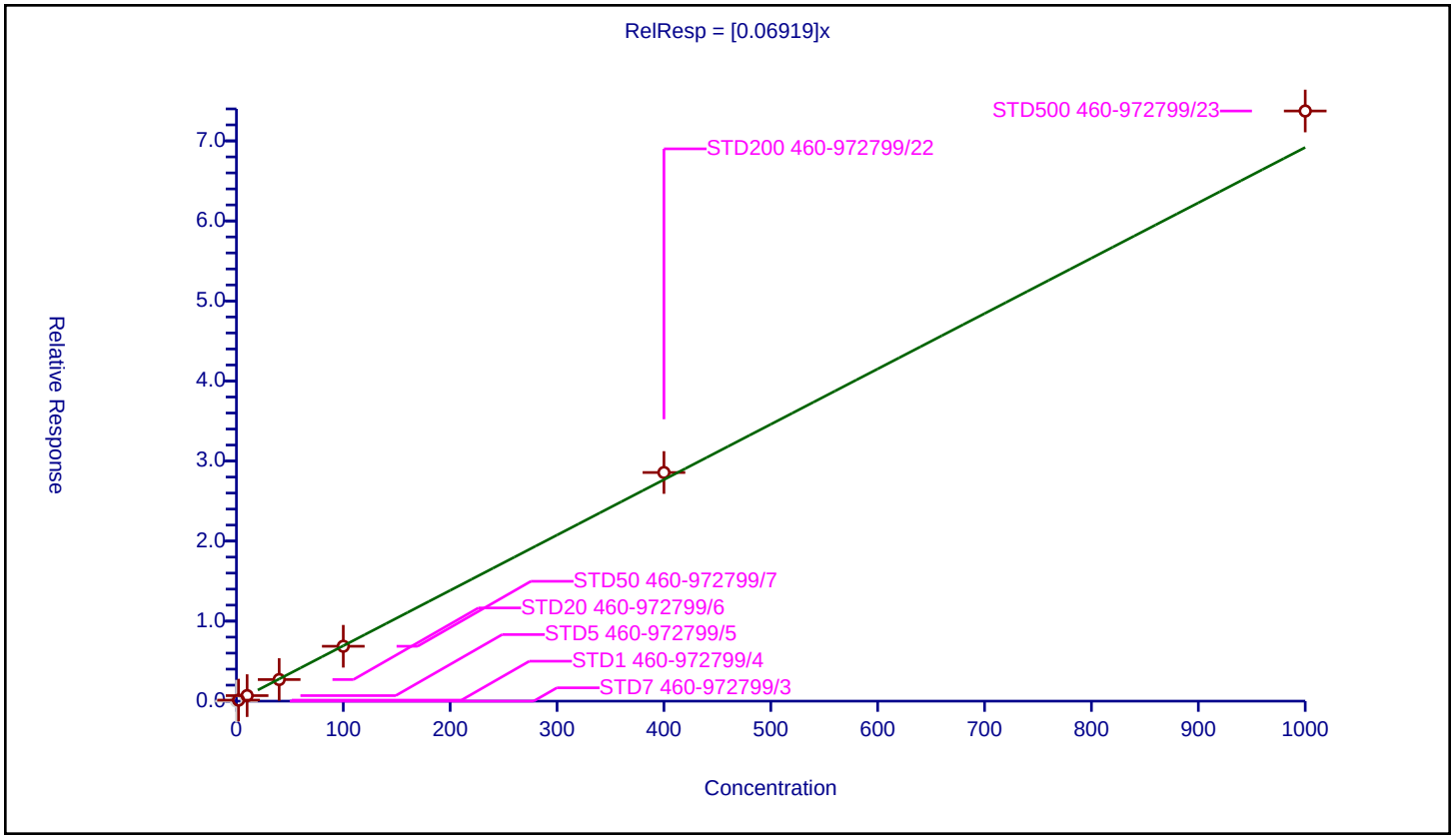
Curve Coefficients

Intercept:	0
Slope:	0.06919

Error Coefficients

Relative Standard Deviation:	4.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	50.0	624248.0	NaN	N
2	STD1 460-972799/4	2.0	0.129635	50.0	619046.0	0.064817	Y
3	STD5 460-972799/5	10.0	0.691328	50.0	621919.0	0.069133	Y
4	STD20 460-972799/6	40.0	2.697108	50.0	624391.0	0.067428	Y
5	STD50 460-972799/7	100.0	6.858476	50.0	635666.0	0.068585	Y
6	STD200 460-972799/22	400.0	28.566761	50.0	647275.0	0.071417	Y
7	STD500 460-972799/23	1000.0	73.735968	50.0	676328.0	0.073736	Y



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Calibration / 1,4-Dioxane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

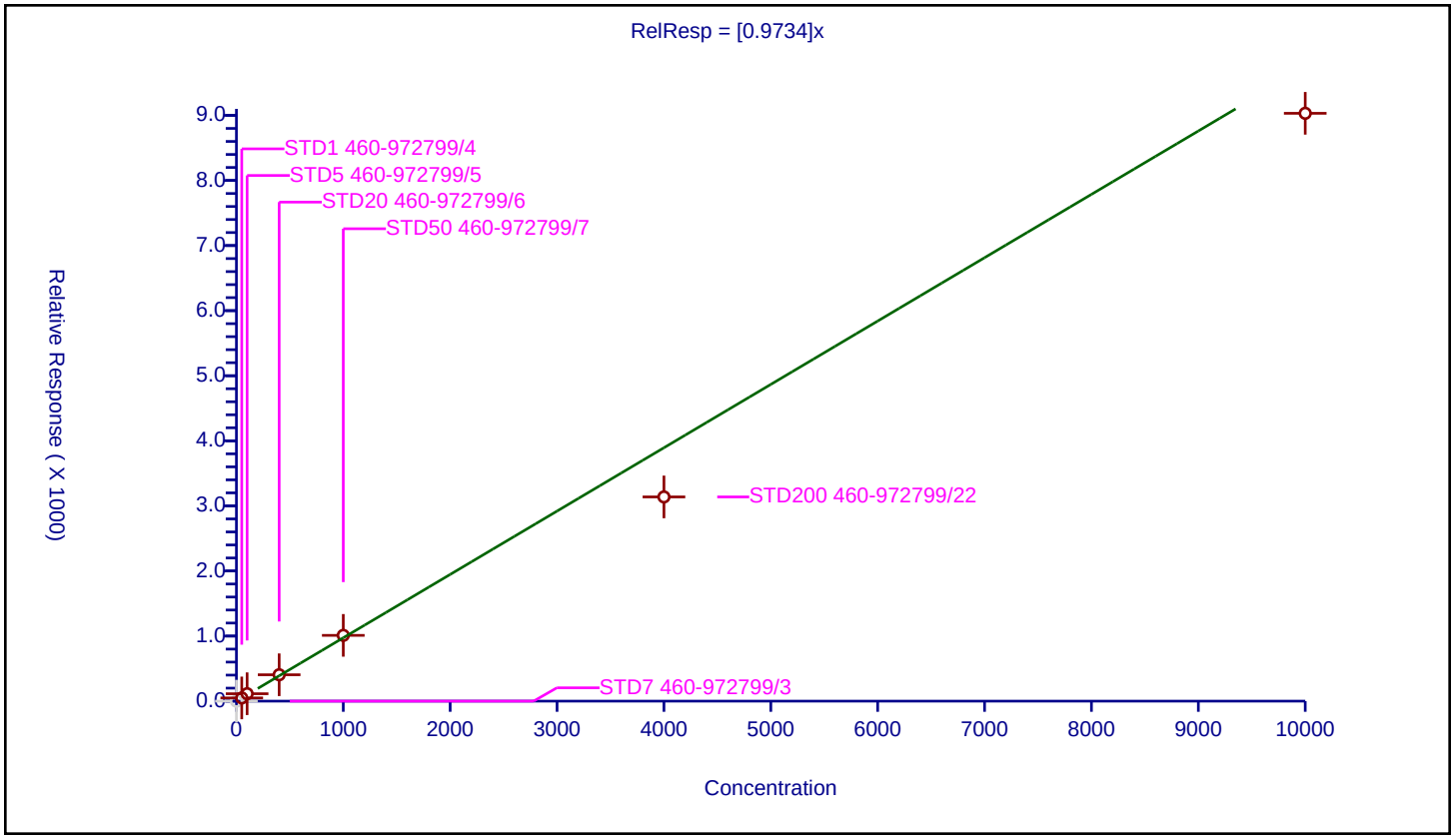
Curve Coefficients

Intercept:	0
Slope:	0.9734

Error Coefficients

Relative Standard Deviation:	12.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	1000.0	32922.0	NaN	N
2	STD1 460-972799/4	50.000062	49.402707	1000.0	32731.0	0.988053	Y
3	STD5 460-972799/5	100.0	114.030032	1000.0	32965.0	1.1403	Y
4	STD20 460-972799/6	400.0	405.385061	1000.0	34540.0	1.013463	Y
5	STD50 460-972799/7	1000.0	1010.729738	1000.0	34670.0	1.01073	Y
6	STD200 460-972799/22	4000.0	3137.831588	1000.0	36755.0	0.784458	Y
7	STD500 460-972799/23	10000.0	9032.063815	1000.0	38361.0	0.903206	Y



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Calibration / n-Propyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

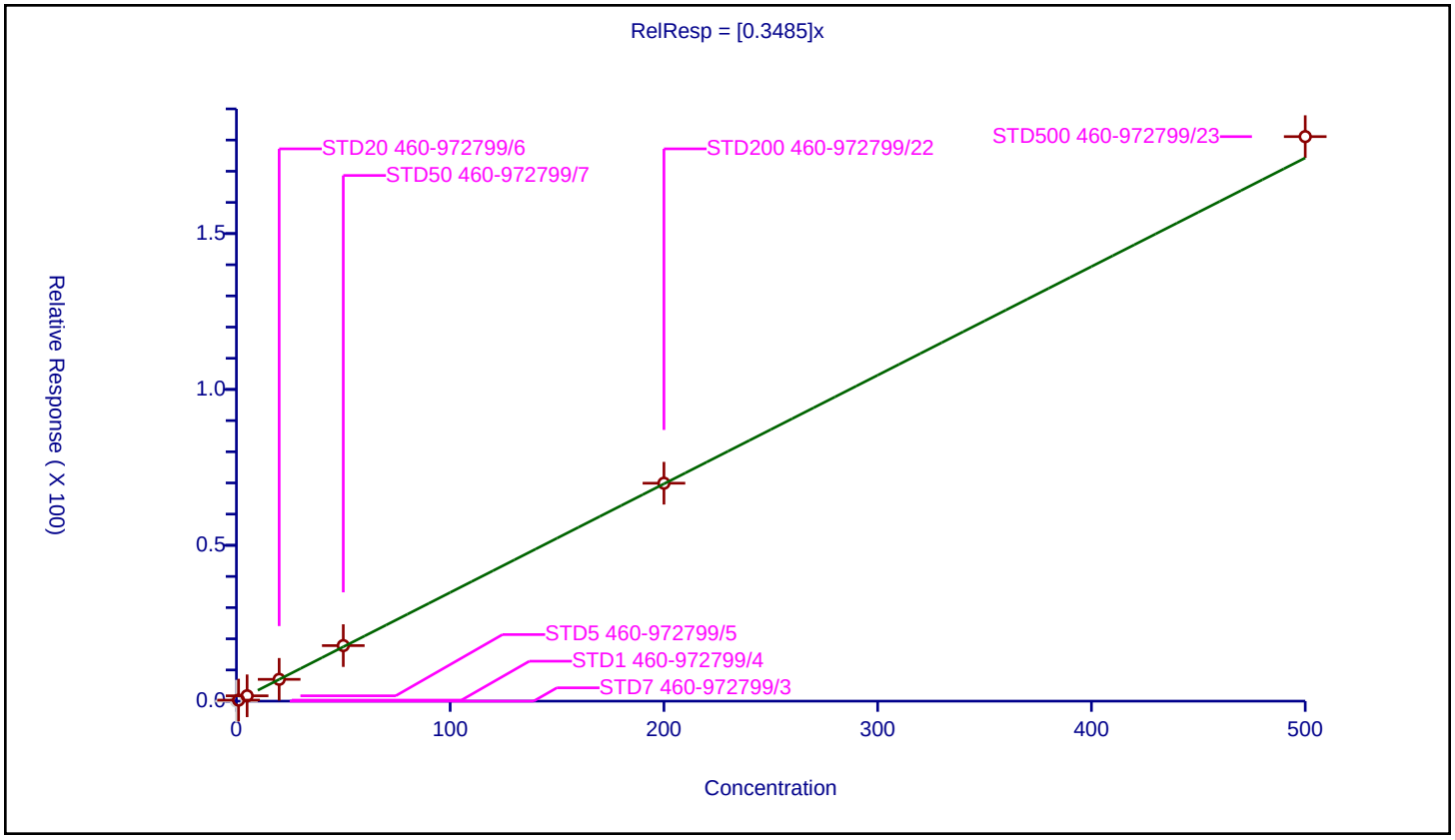
Curve Coefficients

Intercept:	0
Slope:	0.3485

Error Coefficients

Relative Standard Deviation:	3.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	50.0	624248.0	NaN	N
2	STD1 460-972799/4	1.0	0.33067	50.0	619046.0	0.33067	Y
3	STD5 460-972799/5	5.0	1.713808	50.0	621919.0	0.342762	Y
4	STD20 460-972799/6	20.0	6.992814	50.0	624391.0	0.349641	Y
5	STD50 460-972799/7	50.0	17.819264	50.0	635666.0	0.356385	Y
6	STD200 460-972799/22	200.0	69.915955	50.0	647275.0	0.34958	Y
7	STD500 460-972799/23	500.0	181.105839	50.0	676328.0	0.362212	Y



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Calibration / 2-Chloroethyl vinyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

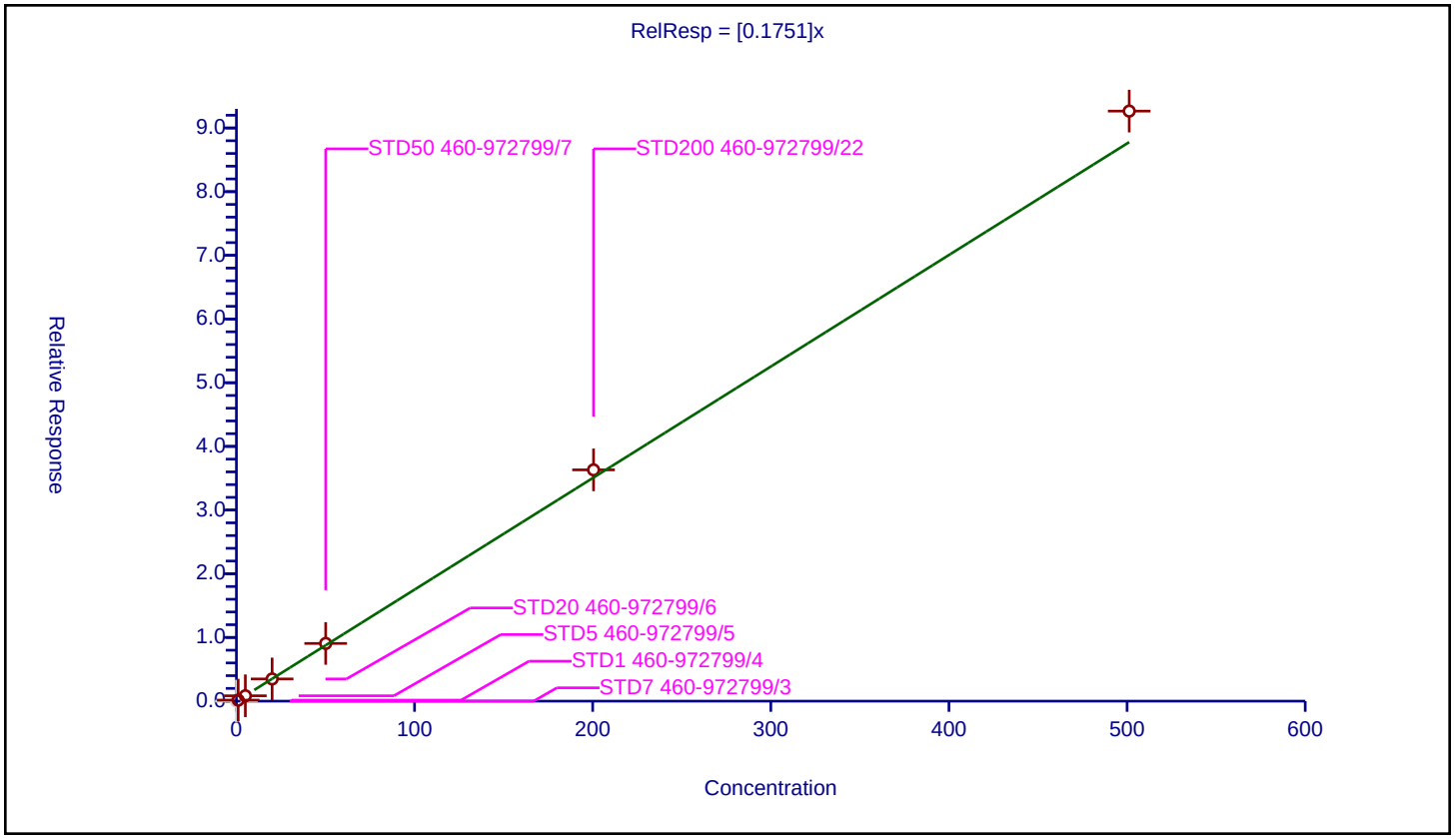
Curve Coefficients

Intercept:	0
Slope:	0.1751

Error Coefficients

Relative Standard Deviation:	5.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	50.0	624248.0	NaN	N
2	STD1 460-972799/4	1.0024	0.162185	50.0	619046.0	0.161797	Y
3	STD5 460-972799/5	5.012	0.84384	50.0	621919.0	0.168364	Y
4	STD20 460-972799/6	20.048	3.485236	50.0	624391.0	0.173845	Y
5	STD50 460-972799/7	50.12	9.062306	50.0	635666.0	0.180812	Y
6	STD200 460-972799/22	200.48	36.31818	50.0	647275.0	0.181156	Y
7	STD500 460-972799/23	501.2	92.650829	50.0	676328.0	0.184858	Y



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Calibration / cis-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

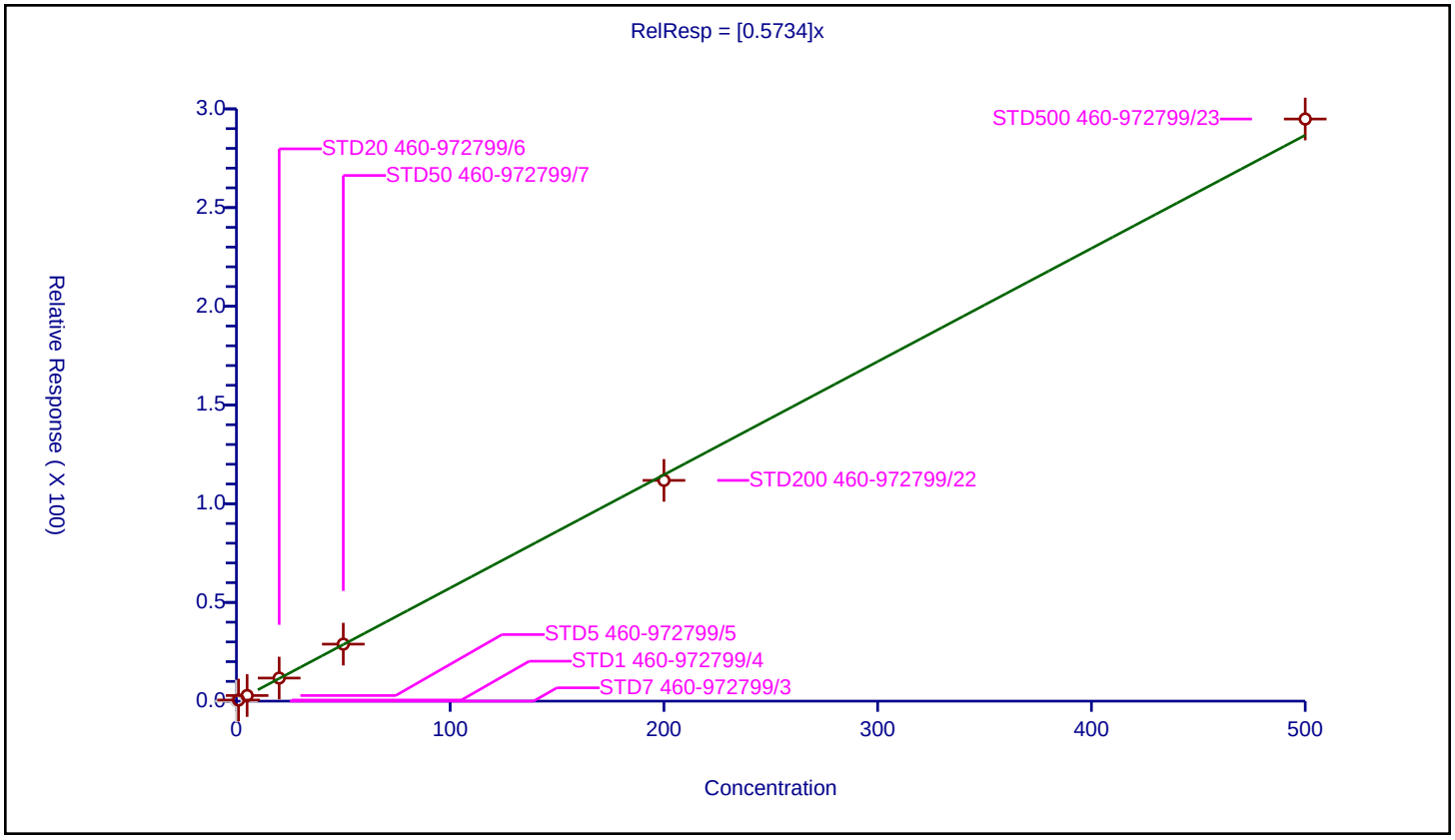
Curve Coefficients

Intercept:	0
Slope:	0.5734

Error Coefficients

Relative Standard Deviation:	2.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	50.0	474245.0	NaN	N
2	STD1 460-972799/4	1.0	0.560612	50.0	471092.0	0.560612	Y
3	STD5 460-972799/5	5.0	2.842186	50.0	475180.0	0.568437	Y
4	STD20 460-972799/6	20.0	11.692032	50.0	479660.0	0.584602	Y
5	STD50 460-972799/7	50.0	28.881487	50.0	490598.0	0.57763	Y
6	STD200 460-972799/22	200.0	111.821769	50.0	516196.0	0.559109	Y
7	STD500 460-972799/23	500.0	294.873212	50.0	532819.0	0.589746	Y



Calibration / Toluene-d8 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

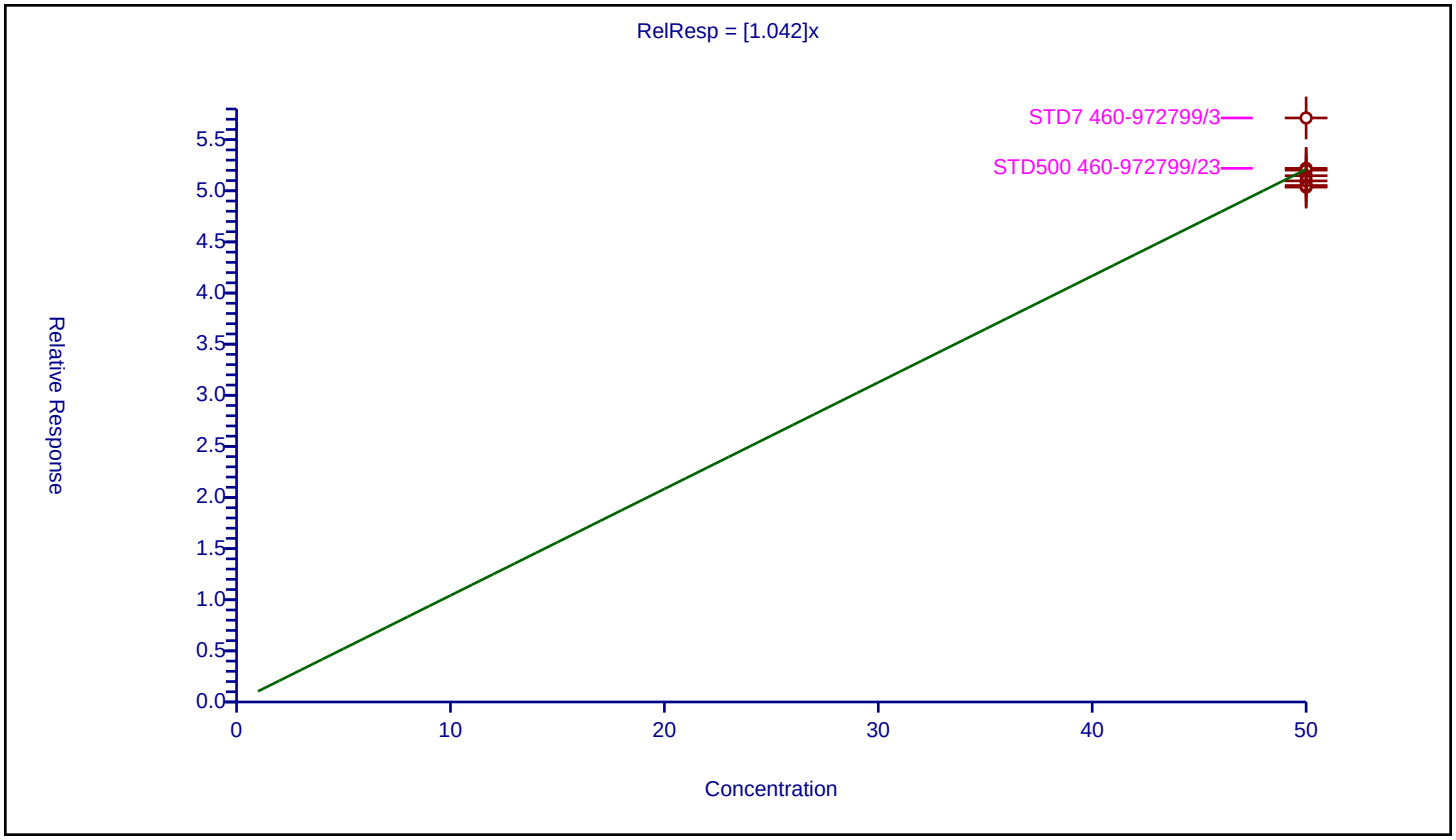
Curve Coefficients

Intercept:	0
Slope:	1.042

Error Coefficients

Relative Standard Deviation:	4.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	50.0	57.126696	50.0	474245.0	1.142534	Y
2	STD1 460-972799/4	50.0	50.967858	50.0	471092.0	1.019357	Y
3	STD5 460-972799/5	50.0	51.477335	50.0	475180.0	1.029547	Y
4	STD20 460-972799/6	50.0	52.022474	50.0	479660.0	1.040449	Y
5	STD50 460-972799/7	50.0	50.517022	50.0	490598.0	1.01034	Y
6	STD200 460-972799/22	50.0	50.360813	50.0	516196.0	1.007216	Y
7	STD500 460-972799/23	50.0	52.196525	50.0	532819.0	1.04393	Y



Calibration / Toluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

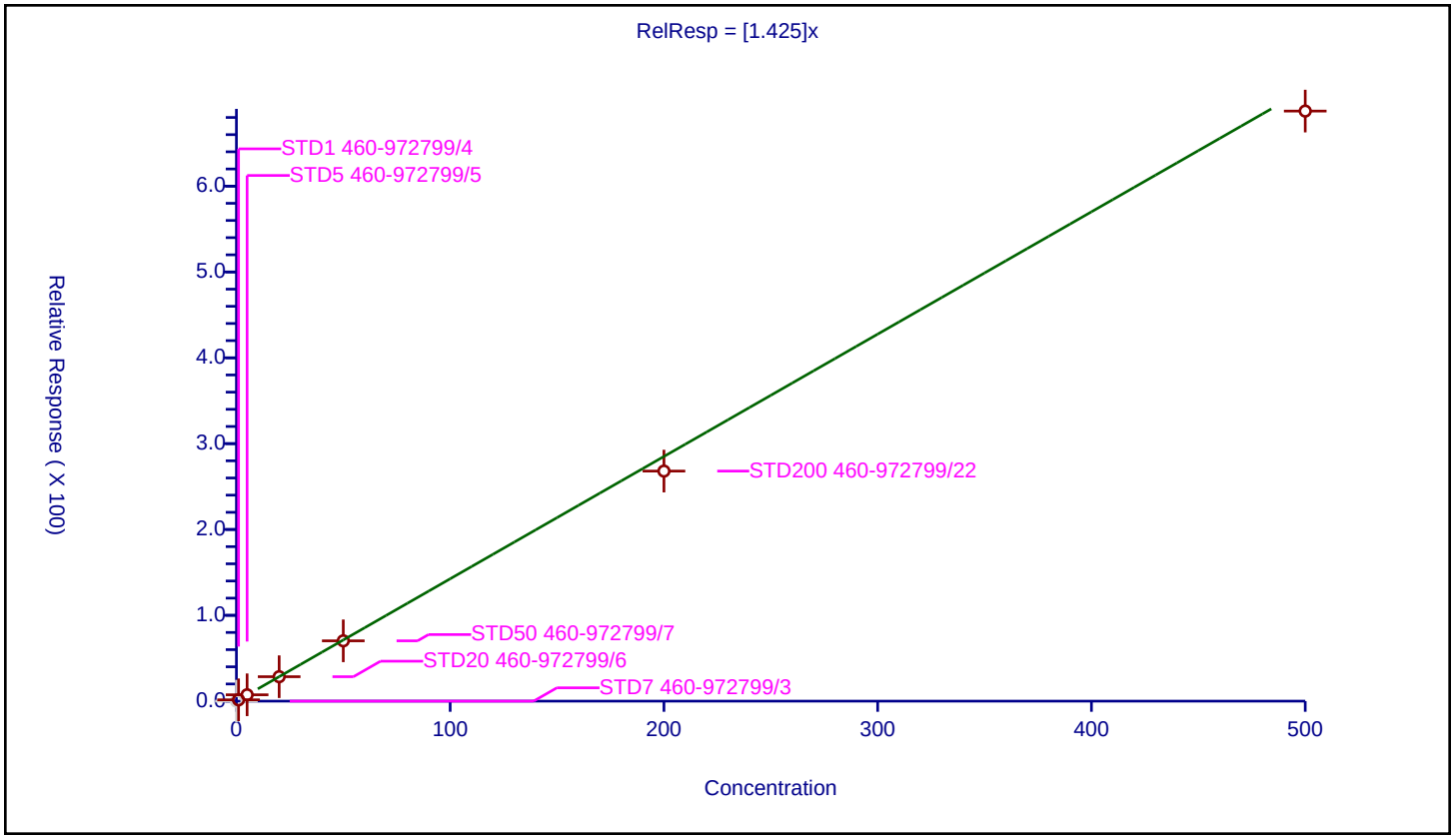
Curve Coefficients

Intercept:	0
Slope:	1.425

Error Coefficients

Relative Standard Deviation:	4.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	50.0	474245.0	NaN	N
2	STD1 460-972799/4	1.0	1.52571	50.0	471092.0	1.52571	Y
3	STD5 460-972799/5	5.0	7.40572	50.0	475180.0	1.481144	Y
4	STD20 460-972799/6	20.0	28.480695	50.0	479660.0	1.424035	Y
5	STD50 460-972799/7	50.0	70.280963	50.0	490598.0	1.405619	Y
6	STD200 460-972799/22	200.0	268.01835	50.0	516196.0	1.340092	Y
7	STD500 460-972799/23	500.0	687.469291	50.0	532819.0	1.374939	Y



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Calibration / Epichlorohydrin

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

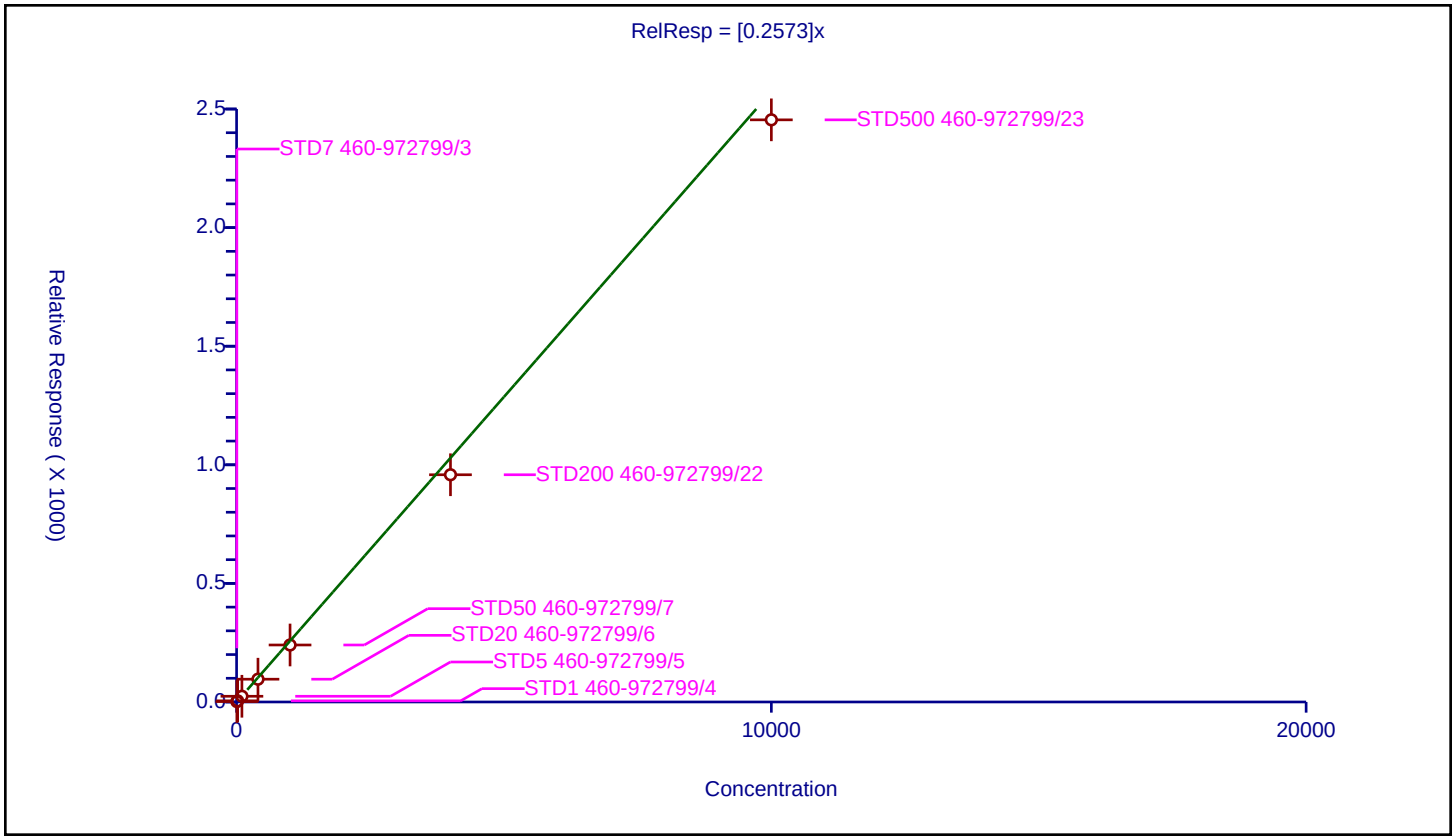
Curve Coefficients

Intercept:	0
Slope:	0.2573

Error Coefficients

Relative Standard Deviation:	16.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	5.000009	1.757572	250.0	321324.0	0.351514	Y
2	STD1 460-972799/4	20.000035	4.847511	250.0	324187.0	0.242375	Y
3	STD5 460-972799/5	100.000173	24.158277	250.0	325582.0	0.241582	Y
4	STD20 460-972799/6	400.000692	96.066987	250.0	337858.0	0.240167	Y
5	STD50 460-972799/7	1000.00173	240.277404	250.0	345381.0	0.240277	Y
6	STD200 460-972799/22	4000.00692	958.02052	250.0	349516.0	0.239505	Y
7	STD500 460-972799/23	10000.0173	2454.368981	250.0	369228.0	0.245436	Y



Calibration / 2-Nitropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

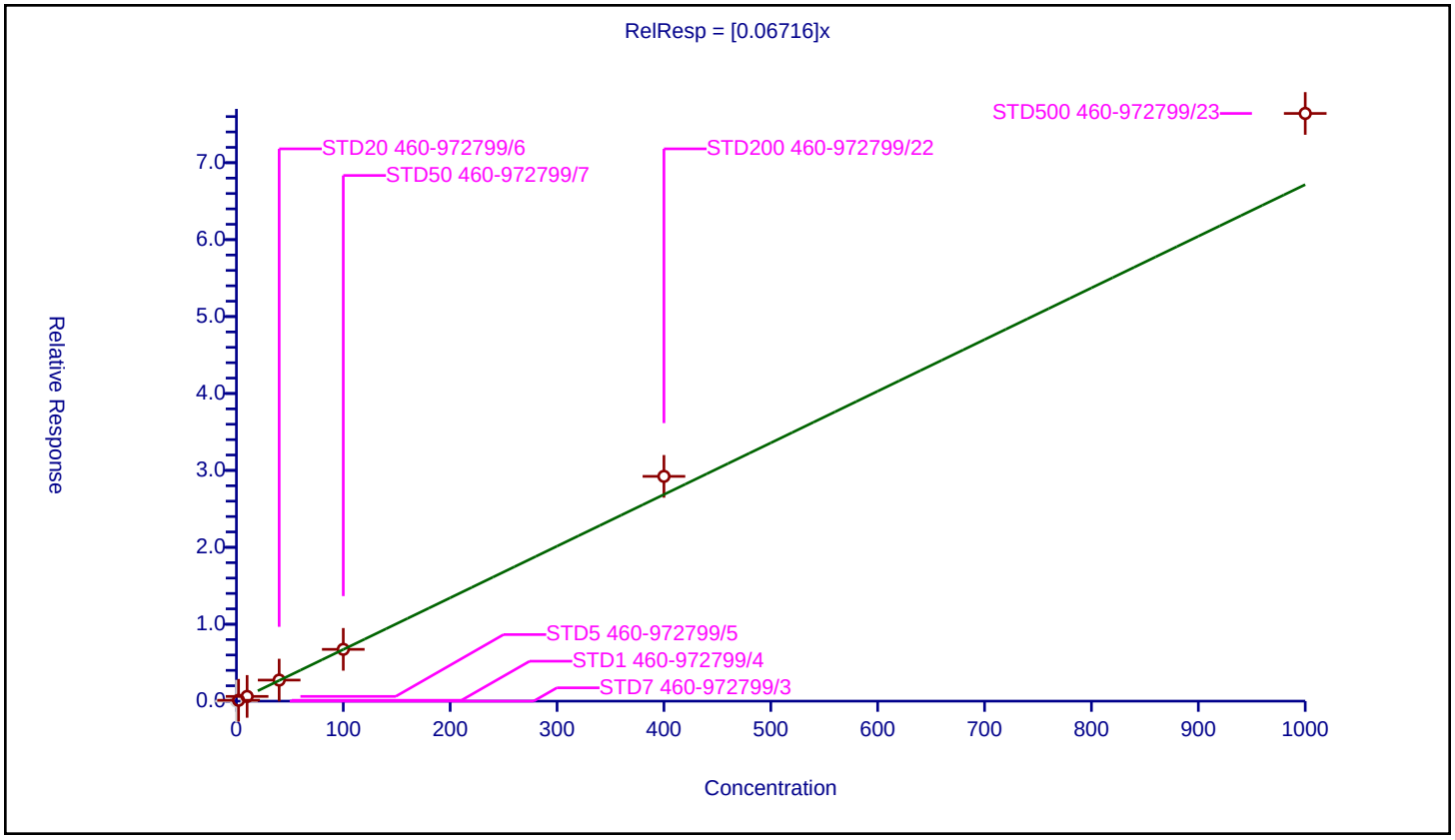
Curve Coefficients

Intercept:	0
Slope:	0.06716

Error Coefficients

Relative Standard Deviation:	11.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	50.0	624248.0	NaN	N
2	STD1 460-972799/4	2.0	0.11227	50.0	619046.0	0.056135	Y
3	STD5 460-972799/5	10.0	0.615353	50.0	621919.0	0.061535	Y
4	STD20 460-972799/6	40.0	2.738028	50.0	624391.0	0.068451	Y
5	STD50 460-972799/7	100.0	6.734826	50.0	635666.0	0.067348	Y
6	STD200 460-972799/22	400.0	29.225136	50.0	647275.0	0.073063	Y
7	STD500 460-972799/23	1000.0	76.407379	50.0	676328.0	0.076407	Y



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Calibration / Tetrachloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

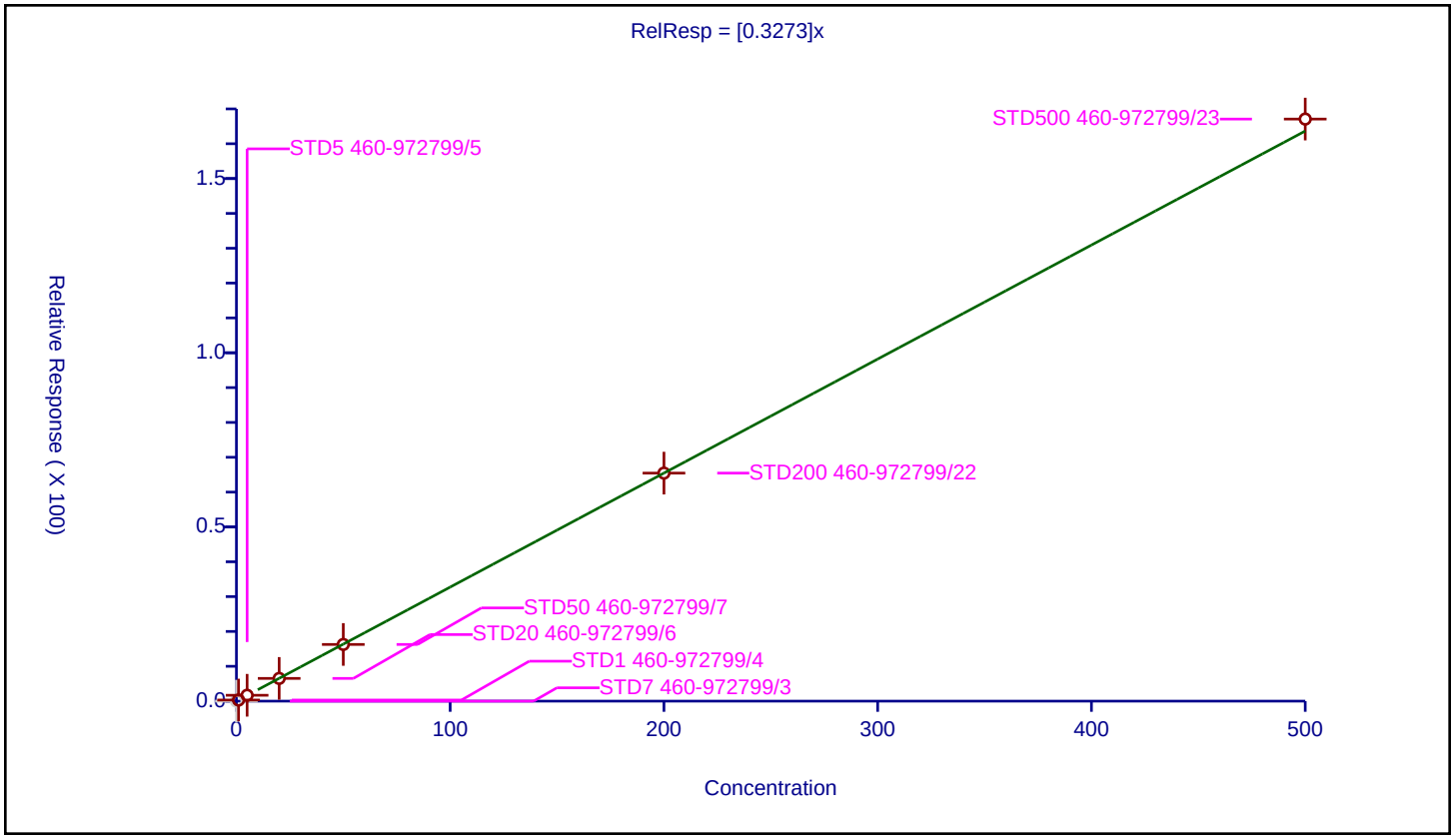
Curve Coefficients

Intercept:	0
Slope:	0.3273

Error Coefficients

Relative Standard Deviation:	2.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	50.0	474245.0	NaN	N
2	STD1 460-972799/4	1.0	0.313527	50.0	471092.0	0.313527	Y
3	STD5 460-972799/5	5.0	1.685361	50.0	475180.0	0.337072	Y
4	STD20 460-972799/6	20.0	6.524517	50.0	479660.0	0.326226	Y
5	STD50 460-972799/7	50.0	16.273099	50.0	490598.0	0.325462	Y
6	STD200 460-972799/22	200.0	65.45537	50.0	516196.0	0.327277	Y
7	STD500 460-972799/23	500.0	167.079252	50.0	532819.0	0.334159	Y



Calibration / 4-Methyl-2-pentanone (MIBK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

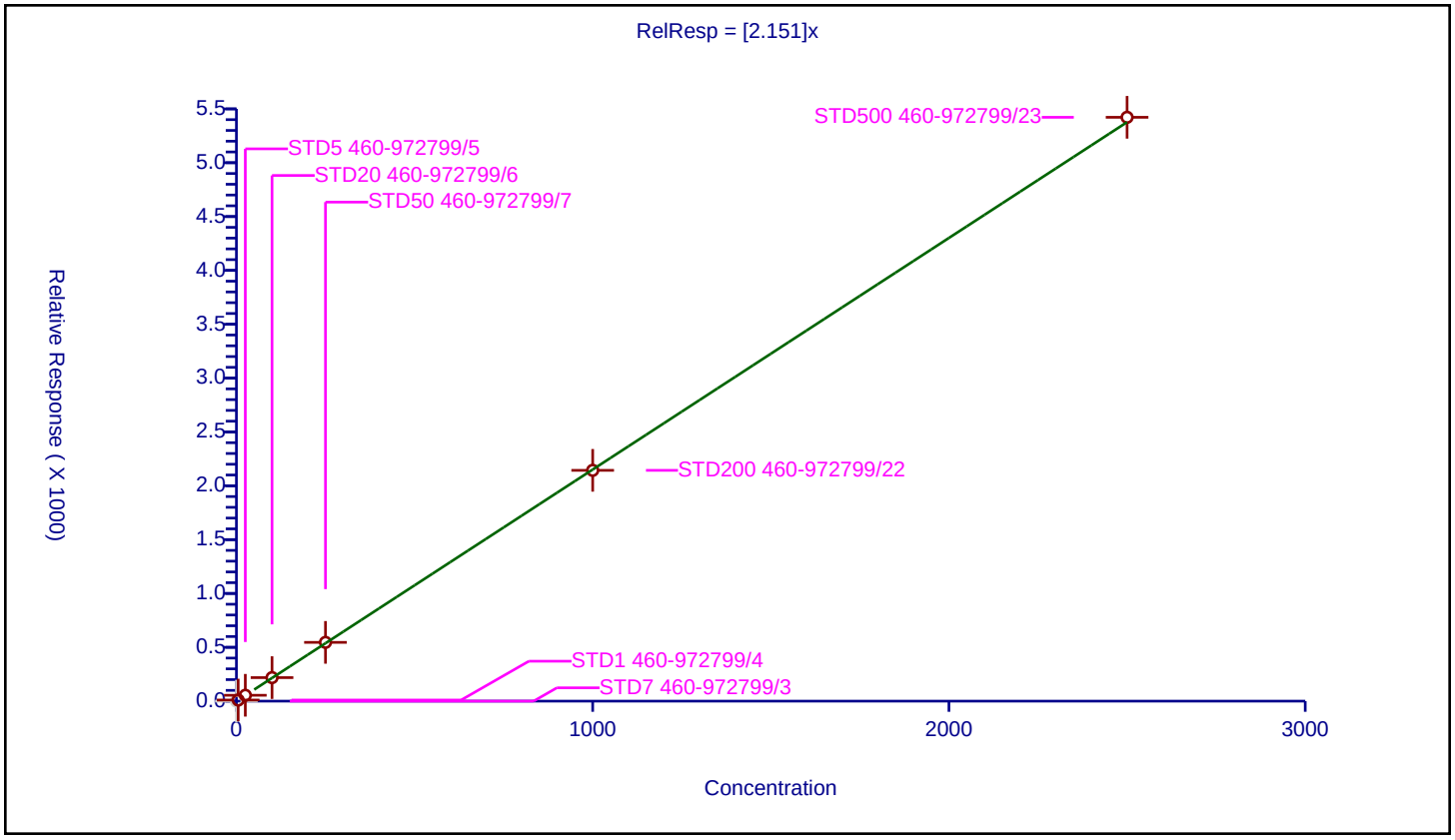
Curve Coefficients

Intercept:	0
Slope:	2.151

Error Coefficients

Relative Standard Deviation:	2.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	250.0	321324.0	NaN	N
2	STD1 460-972799/4	5.0	10.194733	250.0	324187.0	2.038947	Y
3	STD5 460-972799/5	25.0	54.643684	250.0	325582.0	2.185747	Y
4	STD20 460-972799/6	100.0	218.476401	250.0	337858.0	2.184764	Y
5	STD50 460-972799/7	250.0	545.796526	250.0	345381.0	2.183186	Y
6	STD200 460-972799/22	1000.0	2143.228779	250.0	349516.0	2.143229	Y
7	STD500 460-972799/23	2500.0	5421.856549	250.0	369228.0	2.168743	Y



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Calibration / trans-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

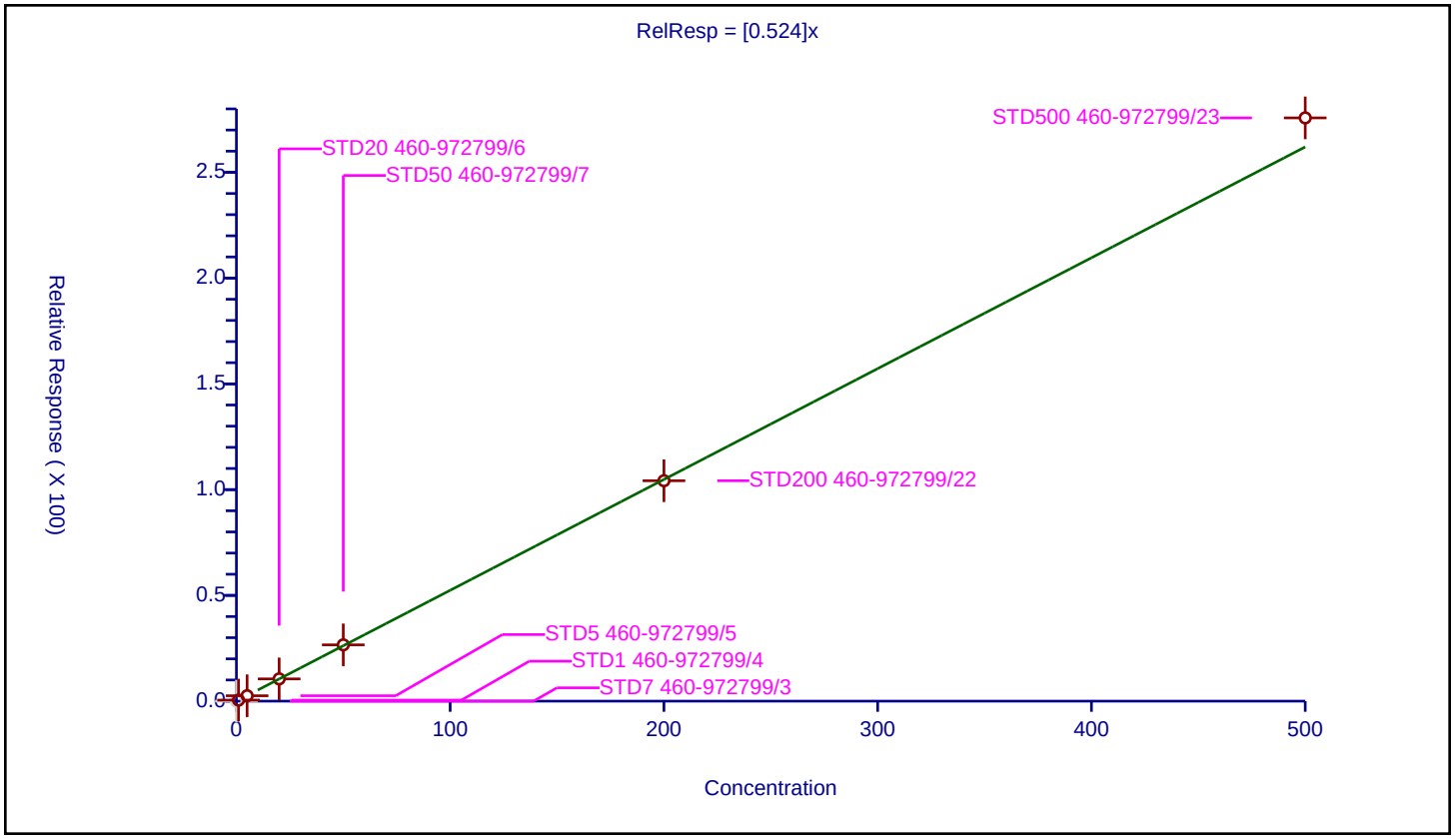
Curve Coefficients

Intercept:	0
Slope:	0.524

Error Coefficients

Relative Standard Deviation:	3.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	50.0	474245.0	NaN	N
2	STD1 460-972799/4	1.0	0.502131	50.0	471092.0	0.502131	Y
3	STD5 460-972799/5	5.0	2.555663	50.0	475180.0	0.511133	Y
4	STD20 460-972799/6	20.0	10.522662	50.0	479660.0	0.526133	Y
5	STD50 460-972799/7	50.0	26.614051	50.0	490598.0	0.532281	Y
6	STD200 460-972799/22	200.0	104.200924	50.0	516196.0	0.521005	Y
7	STD500 460-972799/23	500.0	275.744765	50.0	532819.0	0.55149	Y



Calibration / 1,1,2-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

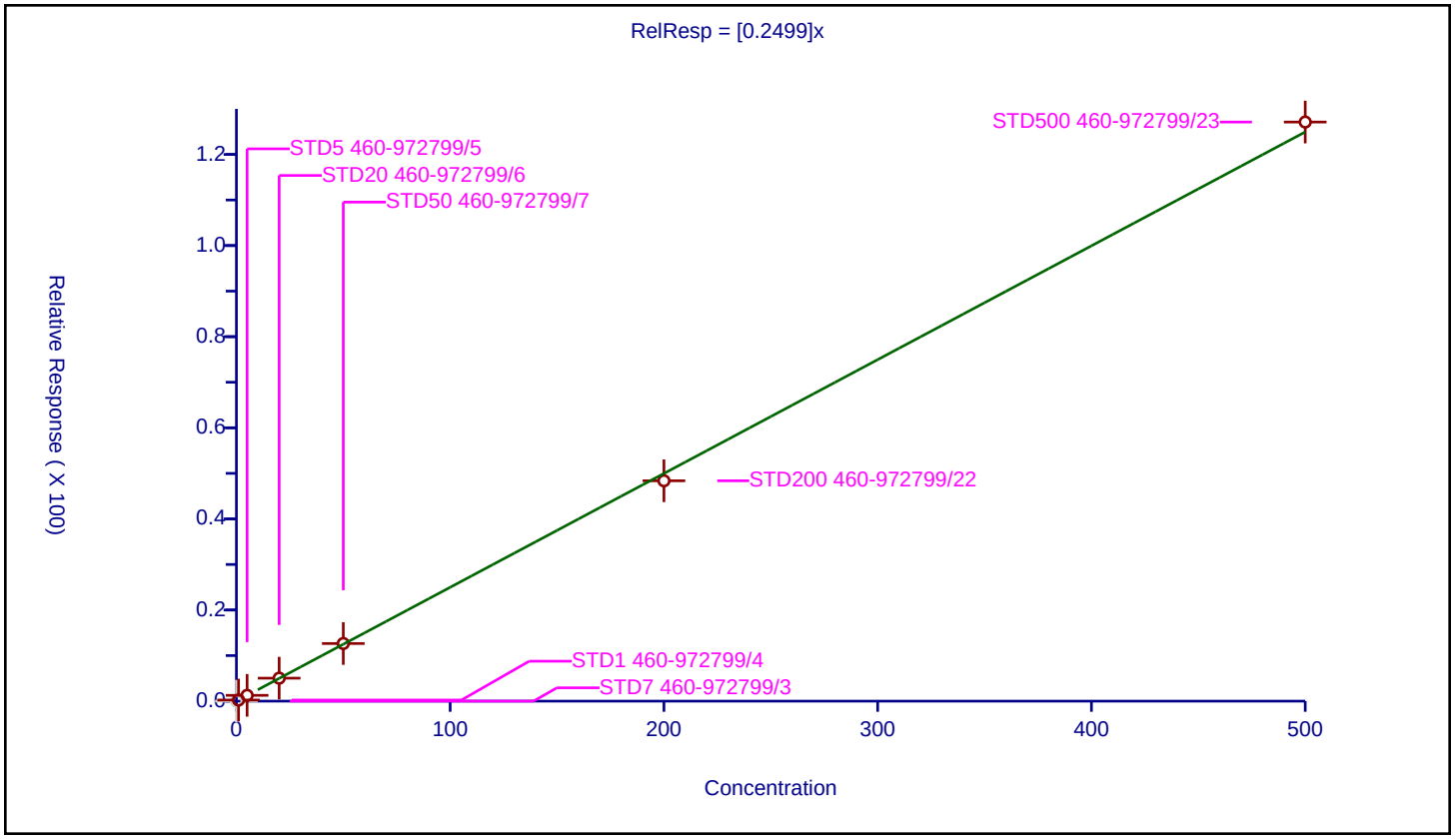
Curve Coefficients

Intercept:	0
Slope:	0.2499

Error Coefficients

Relative Standard Deviation:	2.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	50.0	474245.0	NaN	N
2	STD1 460-972799/4	1.0	0.243371	50.0	471092.0	0.243371	Y
3	STD5 460-972799/5	5.0	1.272676	50.0	475180.0	0.254535	Y
4	STD20 460-972799/6	20.0	5.043677	50.0	479660.0	0.252184	Y
5	STD50 460-972799/7	50.0	12.650887	50.0	490598.0	0.253018	Y
6	STD200 460-972799/22	200.0	48.370774	50.0	516196.0	0.241854	Y
7	STD500 460-972799/23	500.0	127.109018	50.0	532819.0	0.254218	Y



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Calibration / Ethyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

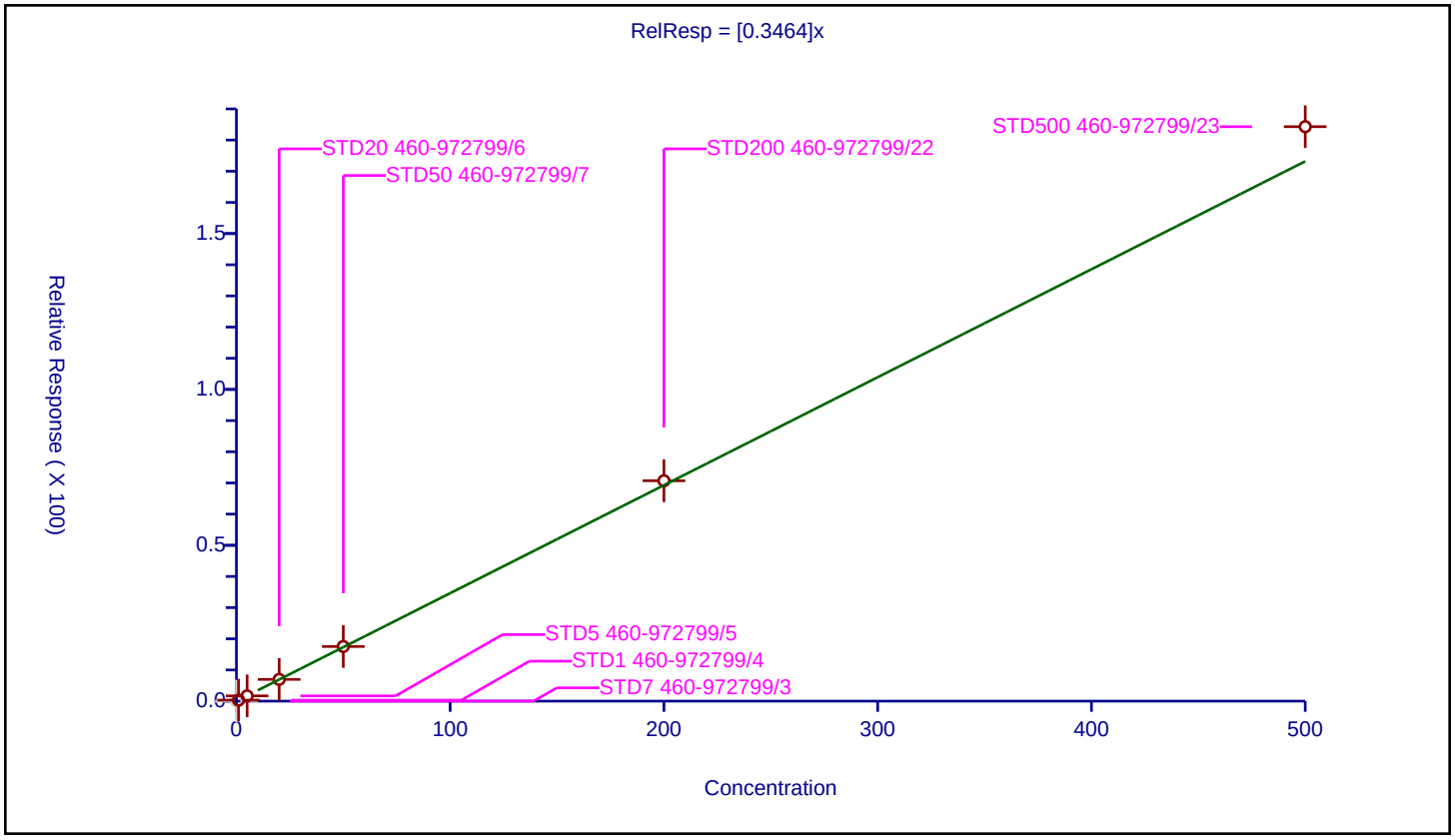
Curve Coefficients

Intercept:	0
Slope:	0.3464

Error Coefficients

Relative Standard Deviation:	4.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	50.0	624248.0	NaN	N
2	STD1 460-972799/4	1.0	0.31807	50.0	619046.0	0.31807	Y
3	STD5 460-972799/5	5.0	1.69178	50.0	621919.0	0.338356	Y
4	STD20 460-972799/6	20.0	6.980642	50.0	624391.0	0.349032	Y
5	STD50 460-972799/7	50.0	17.52823	50.0	635666.0	0.350565	Y
6	STD200 460-972799/22	200.0	70.708509	50.0	647275.0	0.353543	Y
7	STD500 460-972799/23	500.0	184.295564	50.0	676328.0	0.368591	Y



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Calibration / Chlorodibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

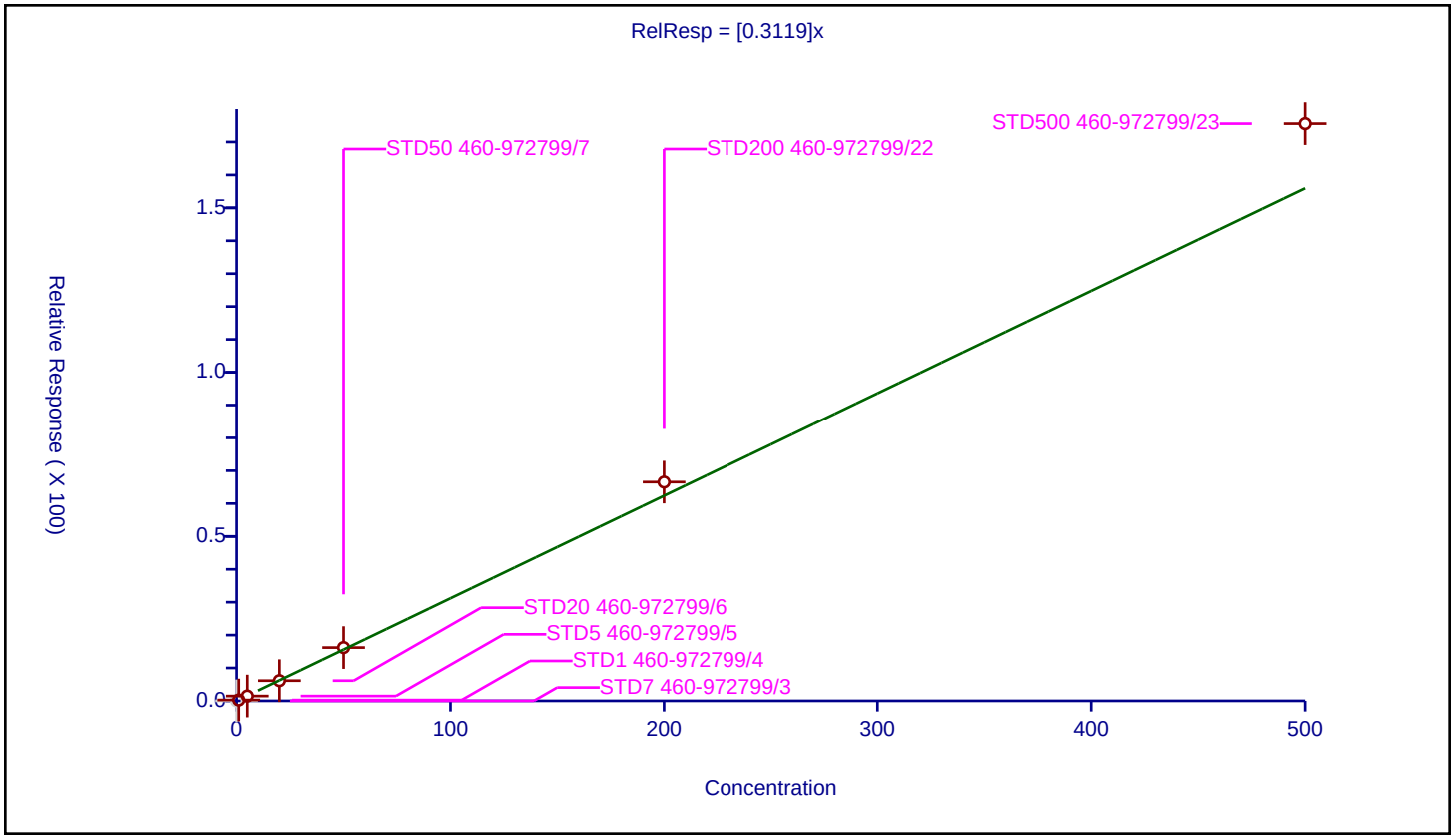
Curve Coefficients

Intercept:	0
Slope:	0.3119

Error Coefficients

Relative Standard Deviation:	10.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	50.0	474245.0	NaN	N
2	STD1 460-972799/4	1.0	0.262369	50.0	471092.0	0.262369	Y
3	STD5 460-972799/5	5.0	1.469443	50.0	475180.0	0.293889	Y
4	STD20 460-972799/6	20.0	6.143206	50.0	479660.0	0.30716	Y
5	STD50 460-972799/7	50.0	16.205223	50.0	490598.0	0.324104	Y
6	STD200 460-972799/22	200.0	66.546234	50.0	516196.0	0.332731	Y
7	STD500 460-972799/23	500.0	175.57726	50.0	532819.0	0.351155	Y



Calibration / 1,3-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

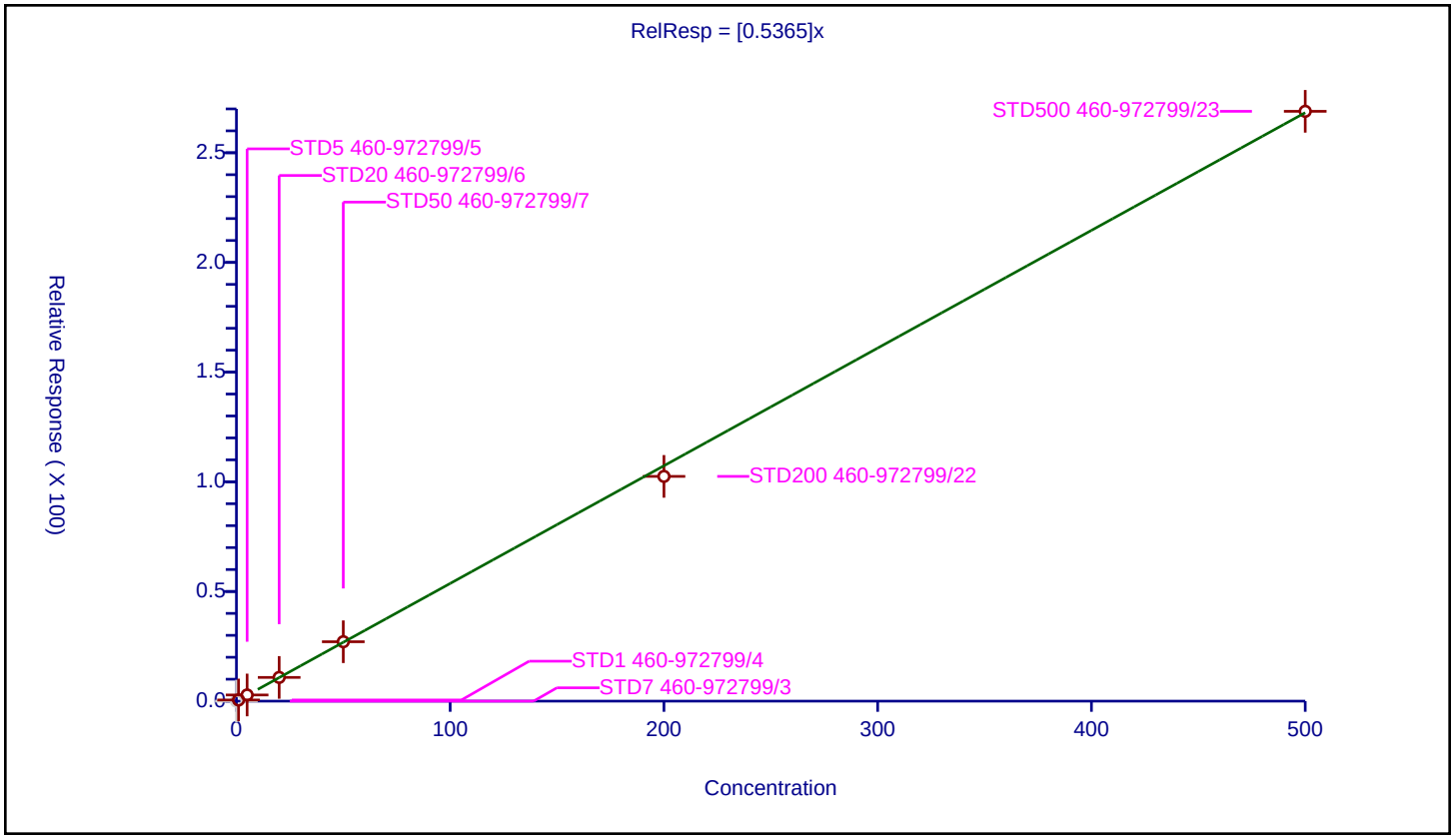
Curve Coefficients

Intercept:	0
Slope:	0.5365

Error Coefficients

Relative Standard Deviation:	3.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	50.0	474245.0	NaN	N
2	STD1 460-972799/4	1.0	0.524951	50.0	471092.0	0.524951	Y
3	STD5 460-972799/5	5.0	2.808725	50.0	475180.0	0.561745	Y
4	STD20 460-972799/6	20.0	10.815682	50.0	479660.0	0.540784	Y
5	STD50 460-972799/7	50.0	27.082153	50.0	490598.0	0.541643	Y
6	STD200 460-972799/22	200.0	102.466892	50.0	516196.0	0.512334	Y
7	STD500 460-972799/23	500.0	268.896098	50.0	532819.0	0.537792	Y



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Calibration / Ethylene Dibromide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

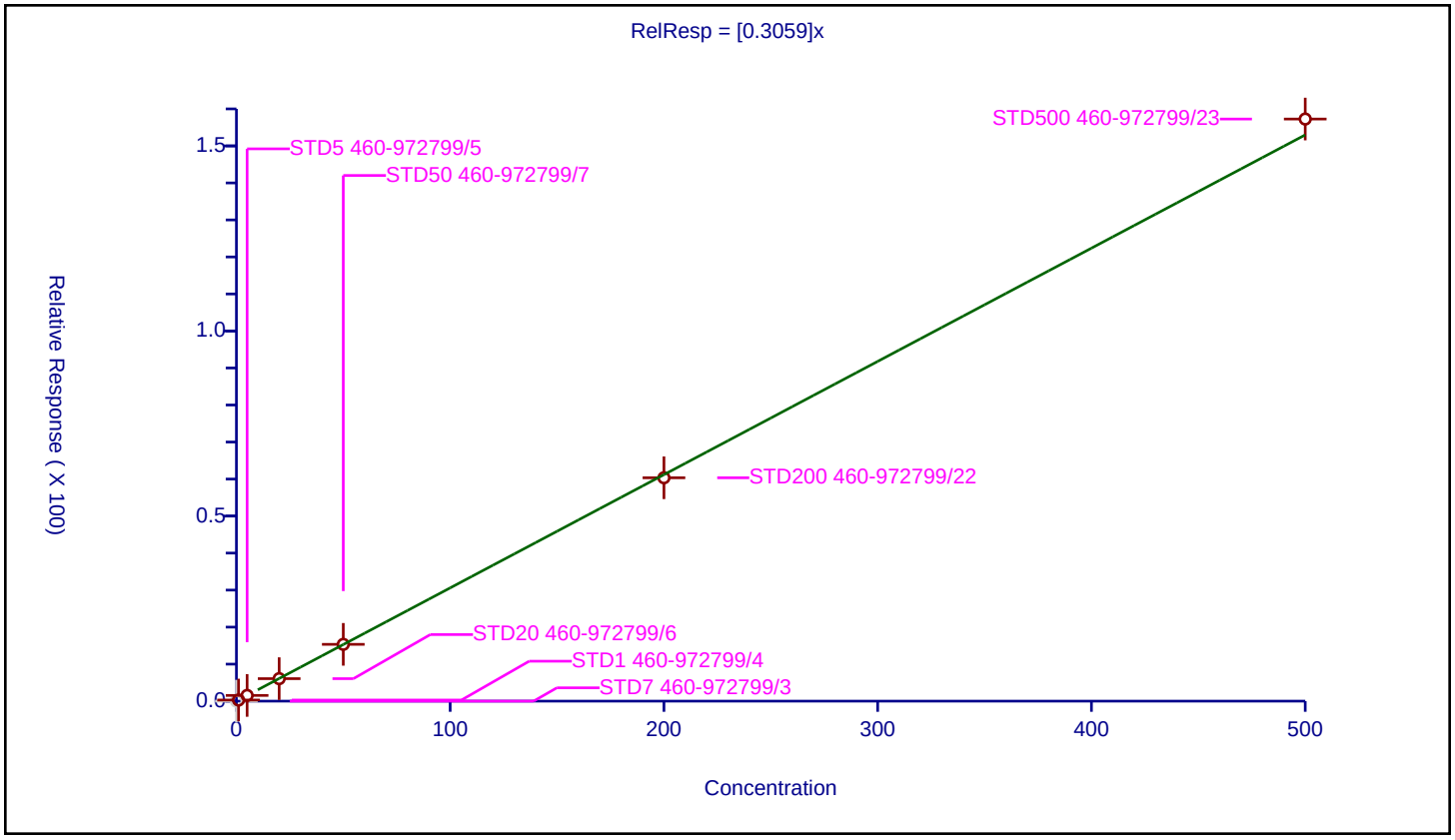
Curve Coefficients

Intercept:	0
Slope:	0.3059

Error Coefficients

Relative Standard Deviation:	1.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	50.0	474245.0	NaN	N
2	STD1 460-972799/4	1.0	0.300578	50.0	471092.0	0.300578	Y
3	STD5 460-972799/5	5.0	1.540153	50.0	475180.0	0.308031	Y
4	STD20 460-972799/6	20.0	6.079306	50.0	479660.0	0.303965	Y
5	STD50 460-972799/7	50.0	15.343927	50.0	490598.0	0.306879	Y
6	STD200 460-972799/22	200.0	60.342099	50.0	516196.0	0.30171	Y
7	STD500 460-972799/23	500.0	157.256873	50.0	532819.0	0.314514	Y



Calibration / n-Butyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

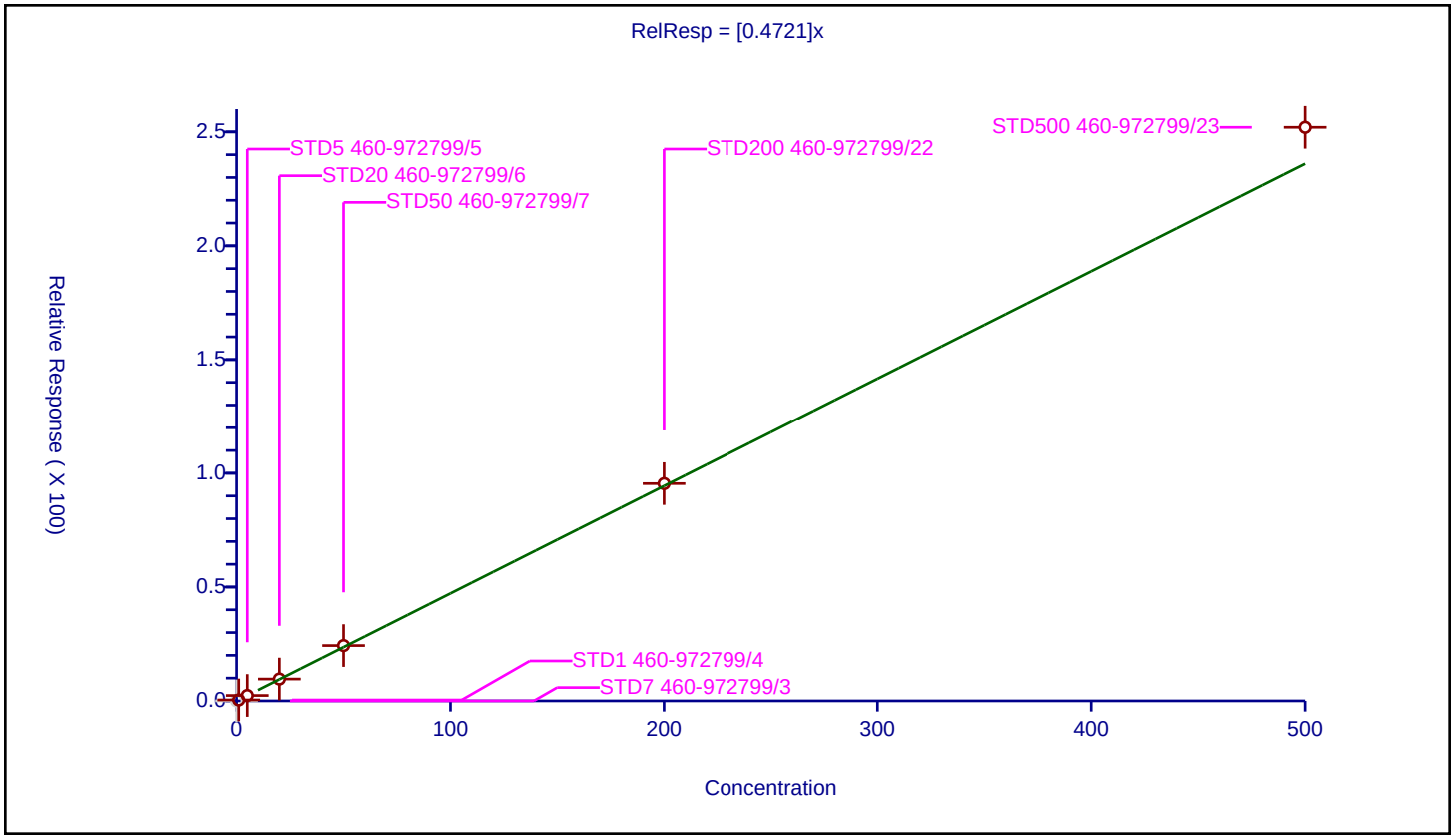
Curve Coefficients

Intercept:	0
Slope:	0.4721

Error Coefficients

Relative Standard Deviation:	6.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	50.0	474245.0	NaN	N
2	STD1 460-972799/4	1.0	0.412446	50.0	471092.0	0.412446	Y
3	STD5 460-972799/5	5.0	2.366051	50.0	475180.0	0.47321	Y
4	STD20 460-972799/6	20.0	9.594713	50.0	479660.0	0.479736	Y
5	STD50 460-972799/7	50.0	24.2874	50.0	490598.0	0.485748	Y
6	STD200 460-972799/22	200.0	95.451534	50.0	516196.0	0.477258	Y
7	STD500 460-972799/23	500.0	252.017946	50.0	532819.0	0.504036	Y



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Calibration / 2-Hexanone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

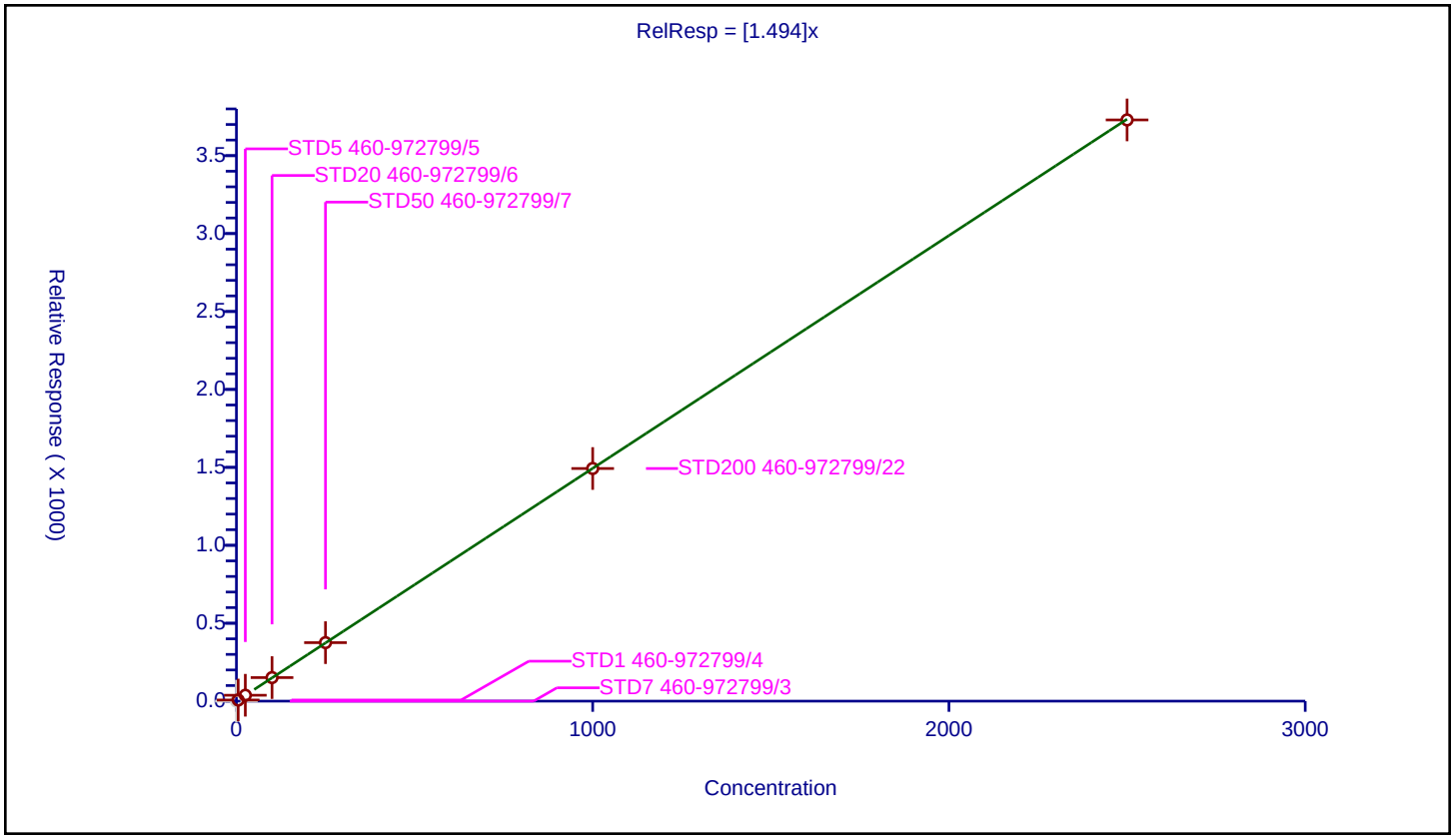
Curve Coefficients

Intercept:	0
Slope:	1.494

Error Coefficients

Relative Standard Deviation:	1.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	250.0	321324.0	NaN	N
2	STD1 460-972799/4	5.0	7.24736	250.0	324187.0	1.449472	Y
3	STD5 460-972799/5	25.0	37.856055	250.0	325582.0	1.514242	Y
4	STD20 460-972799/6	100.0	151.231435	250.0	337858.0	1.512314	Y
5	STD50 460-972799/7	250.0	375.411502	250.0	345381.0	1.501646	Y
6	STD200 460-972799/22	1000.0	1492.600482	250.0	349516.0	1.4926	Y
7	STD500 460-972799/23	2500.0	3729.276355	250.0	369228.0	1.491711	Y



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Calibration / Chlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

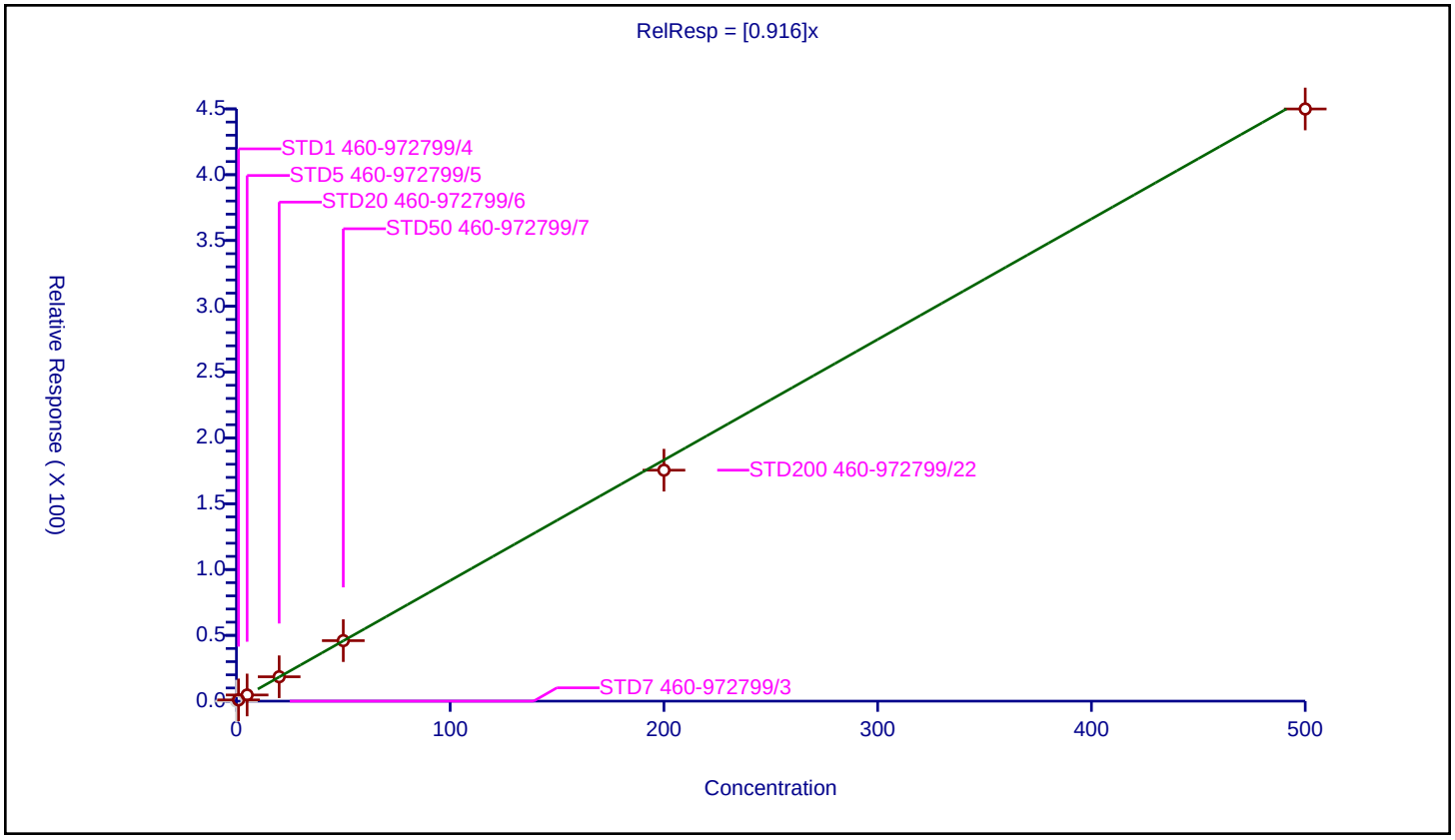
Curve Coefficients

Intercept:	0
Slope:	0.916

Error Coefficients

Relative Standard Deviation:	2.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	50.0	474245.0	NaN	N
2	STD1 460-972799/4	1.0	0.936335	50.0	471092.0	0.936335	Y
3	STD5 460-972799/5	5.0	4.684751	50.0	475180.0	0.93695	Y
4	STD20 460-972799/6	20.0	18.518534	50.0	479660.0	0.925927	Y
5	STD50 460-972799/7	50.0	45.97532	50.0	490598.0	0.919506	Y
6	STD200 460-972799/22	200.0	175.487799	50.0	516196.0	0.877439	Y
7	STD500 460-972799/23	500.0	449.948106	50.0	532819.0	0.899896	Y



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Calibration / Ethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

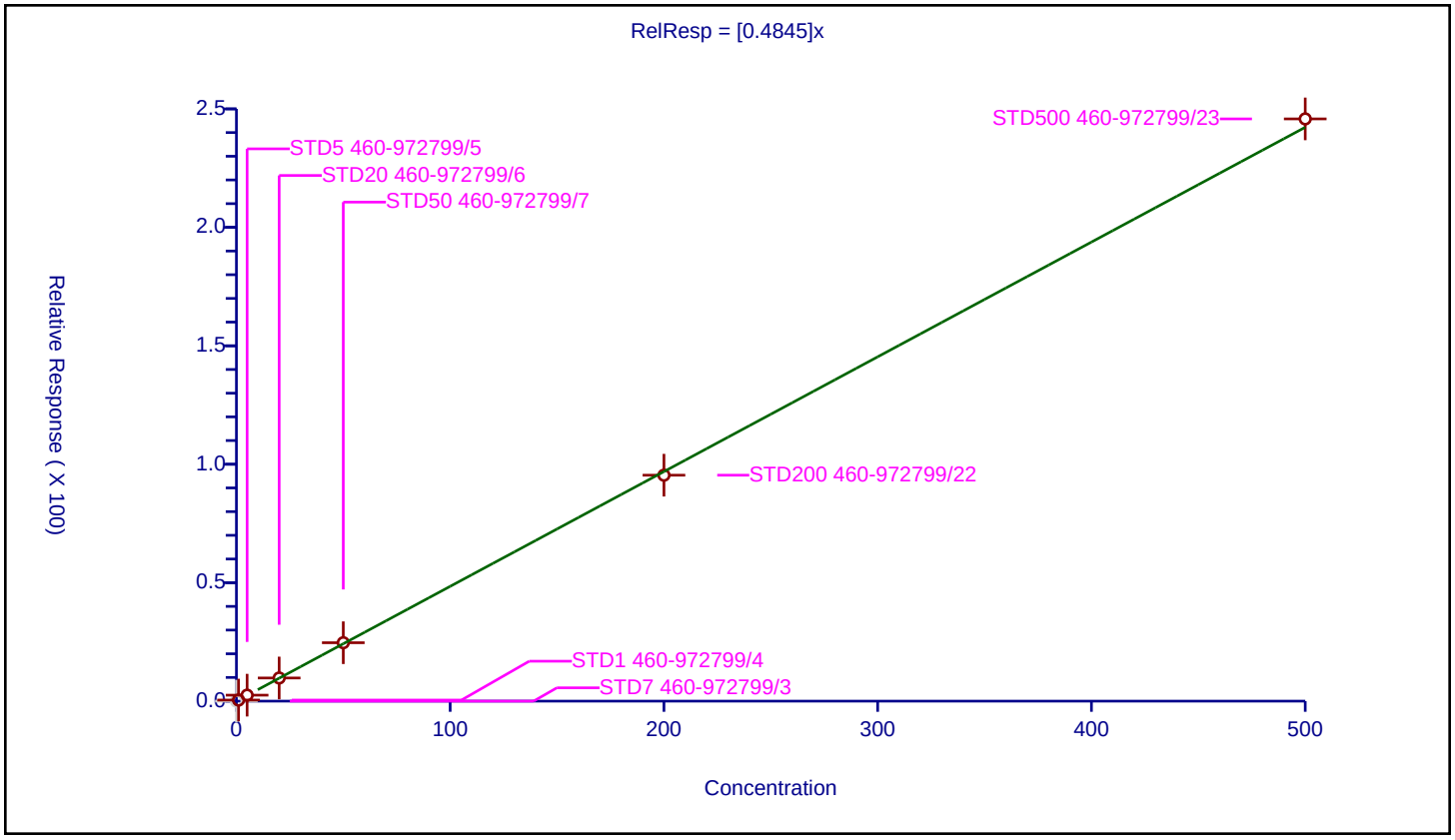
Curve Coefficients

Intercept:	0
Slope:	0.4845

Error Coefficients

Relative Standard Deviation:	3.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	50.0	474245.0	NaN	N
2	STD1 460-972799/4	1.0	0.451716	50.0	471092.0	0.451716	Y
3	STD5 460-972799/5	5.0	2.523149	50.0	475180.0	0.50463	Y
4	STD20 460-972799/6	20.0	9.776821	50.0	479660.0	0.488841	Y
5	STD50 460-972799/7	50.0	24.661128	50.0	490598.0	0.493223	Y
6	STD200 460-972799/22	200.0	95.372591	50.0	516196.0	0.476863	Y
7	STD500 460-972799/23	500.0	245.775676	50.0	532819.0	0.491551	Y



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Calibration / 1,1,1,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

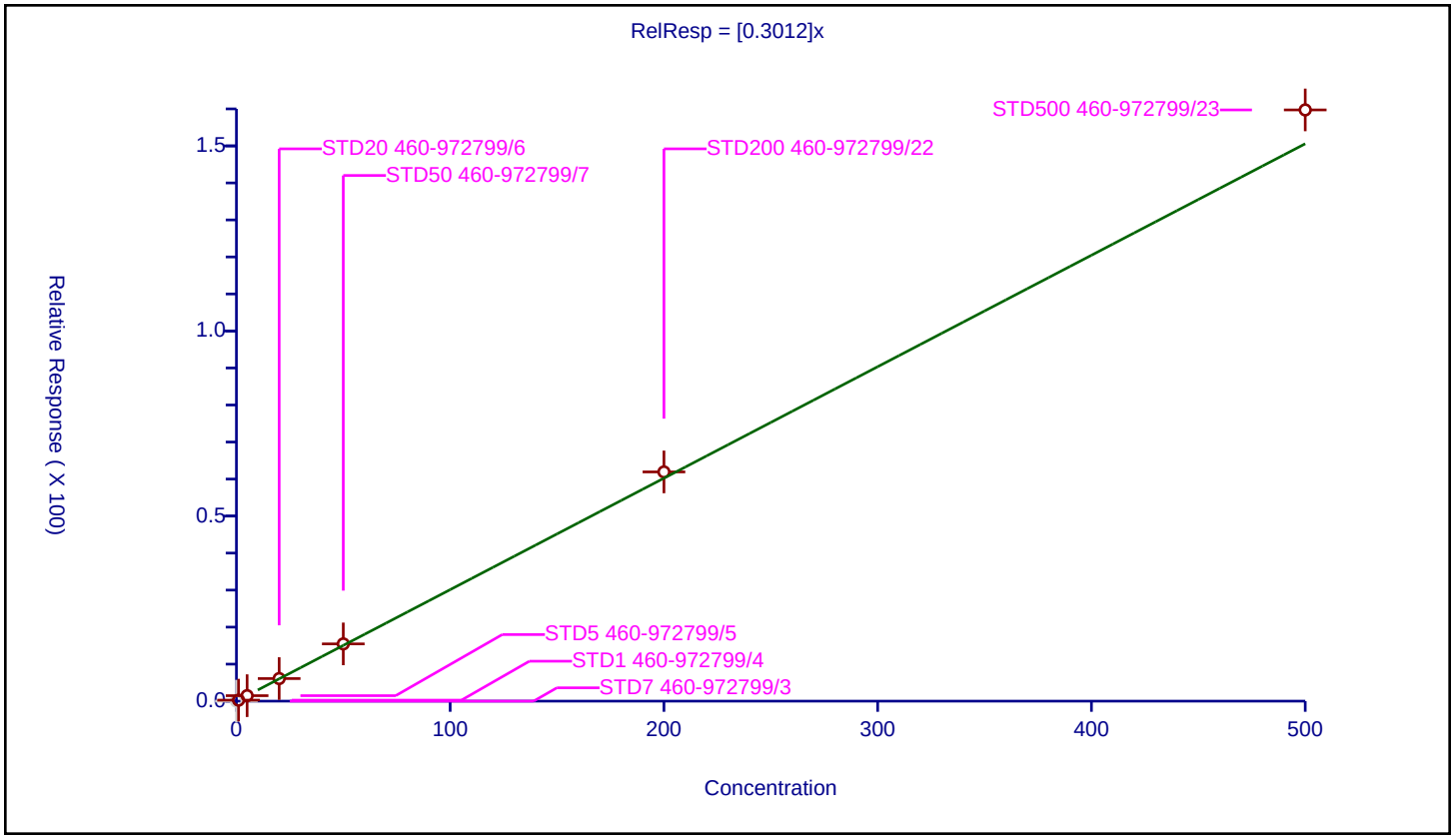
Curve Coefficients

Intercept:	0
Slope:	0.3012

Error Coefficients

Relative Standard Deviation:	6.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	50.0	474245.0	NaN	N
2	STD1 460-972799/4	1.0	0.267676	50.0	471092.0	0.267676	Y
3	STD5 460-972799/5	5.0	1.47965	50.0	475180.0	0.29593	Y
4	STD20 460-972799/6	20.0	6.099216	50.0	479660.0	0.304961	Y
5	STD50 460-972799/7	50.0	15.46694	50.0	490598.0	0.309339	Y
6	STD200 460-972799/22	200.0	61.923475	50.0	516196.0	0.309617	Y
7	STD500 460-972799/23	500.0	159.722063	50.0	532819.0	0.319444	Y



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Calibration / m-Xylene & p-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

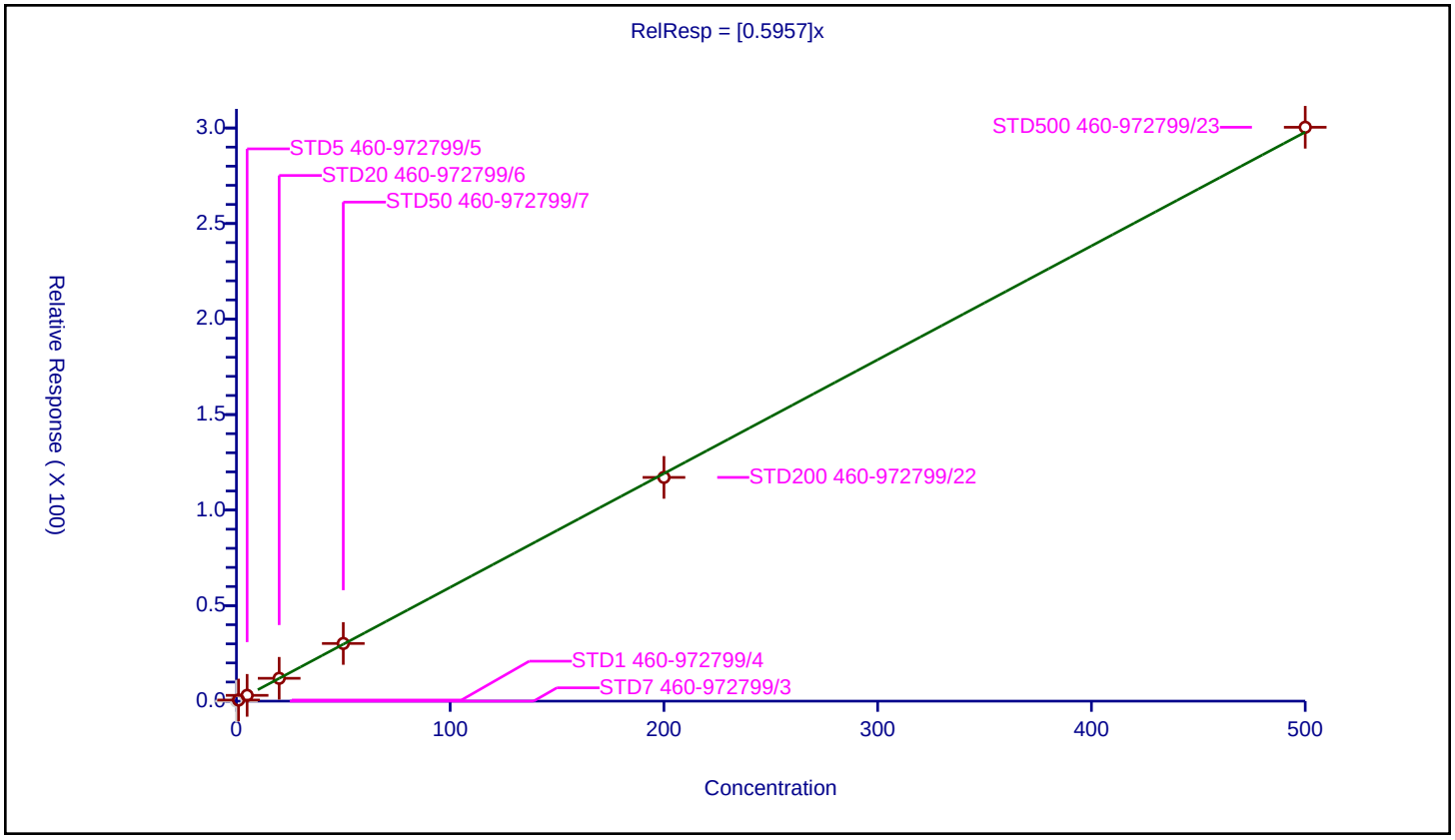
Curve Coefficients

Intercept:	0
Slope:	0.5957

Error Coefficients

Relative Standard Deviation:	1.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	50.0	474245.0	NaN	N
2	STD1 460-972799/4	1.0	0.580035	50.0	471092.0	0.580035	Y
3	STD5 460-972799/5	5.0	3.032325	50.0	475180.0	0.606465	Y
4	STD20 460-972799/6	20.0	11.952112	50.0	479660.0	0.597606	Y
5	STD50 460-972799/7	50.0	30.188158	50.0	490598.0	0.603763	Y
6	STD200 460-972799/22	200.0	117.110845	50.0	516196.0	0.585554	Y
7	STD500 460-972799/23	500.0	300.383526	50.0	532819.0	0.600767	Y



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Calibration / o-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

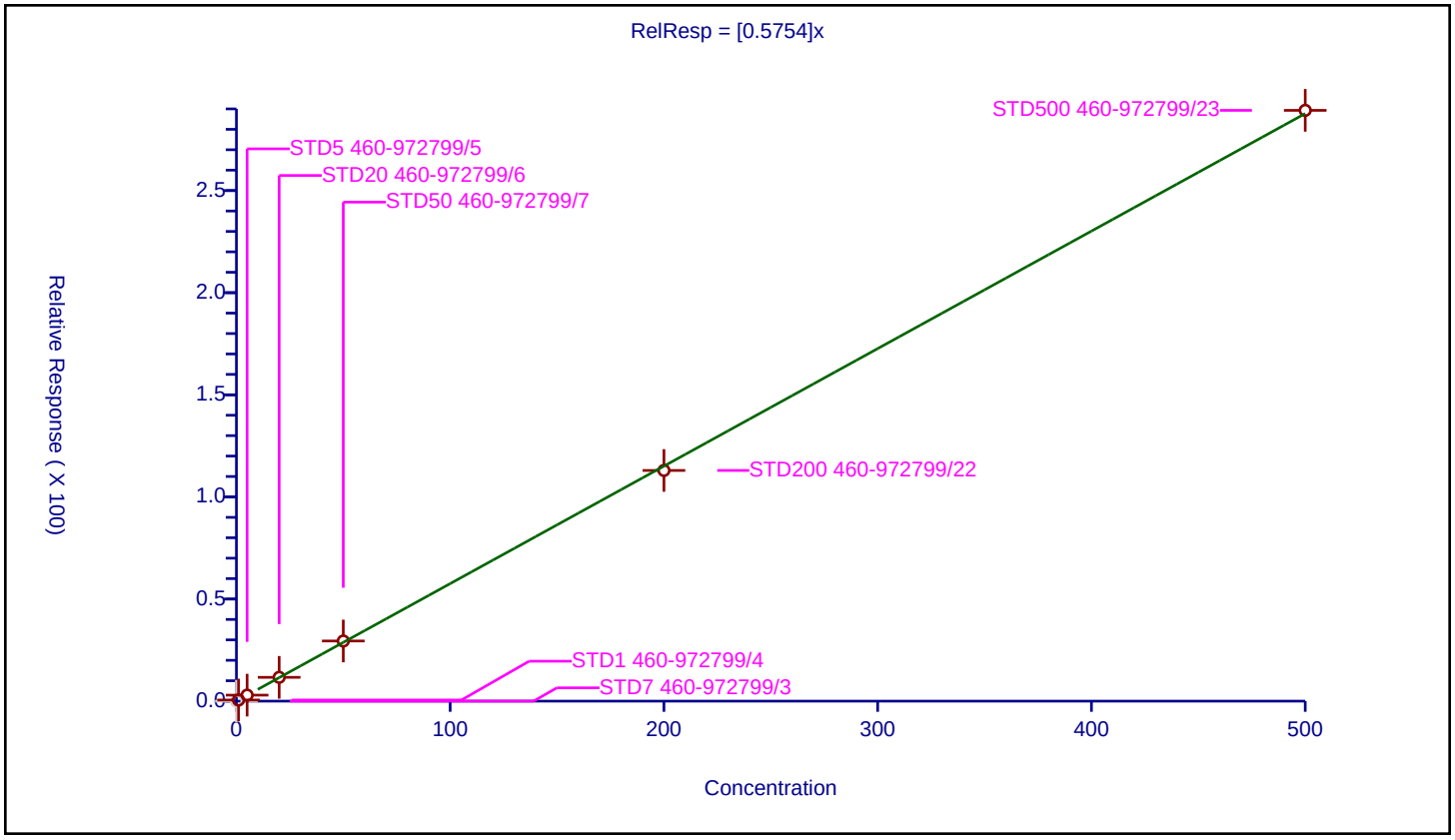
Curve Coefficients

Intercept:	0
Slope:	0.5754

Error Coefficients

Relative Standard Deviation:	2.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	50.0	474245.0	NaN	N
2	STD1 460-972799/4	1.0	0.548831	50.0	471092.0	0.548831	Y
3	STD5 460-972799/5	5.0	2.94278	50.0	475180.0	0.588556	Y
4	STD20 460-972799/6	20.0	11.655965	50.0	479660.0	0.582798	Y
5	STD50 460-972799/7	50.0	29.447939	50.0	490598.0	0.588959	Y
6	STD200 460-972799/22	200.0	112.965618	50.0	516196.0	0.564828	Y
7	STD500 460-972799/23	500.0	289.276189	50.0	532819.0	0.578552	Y



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Calibration / Bromoform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

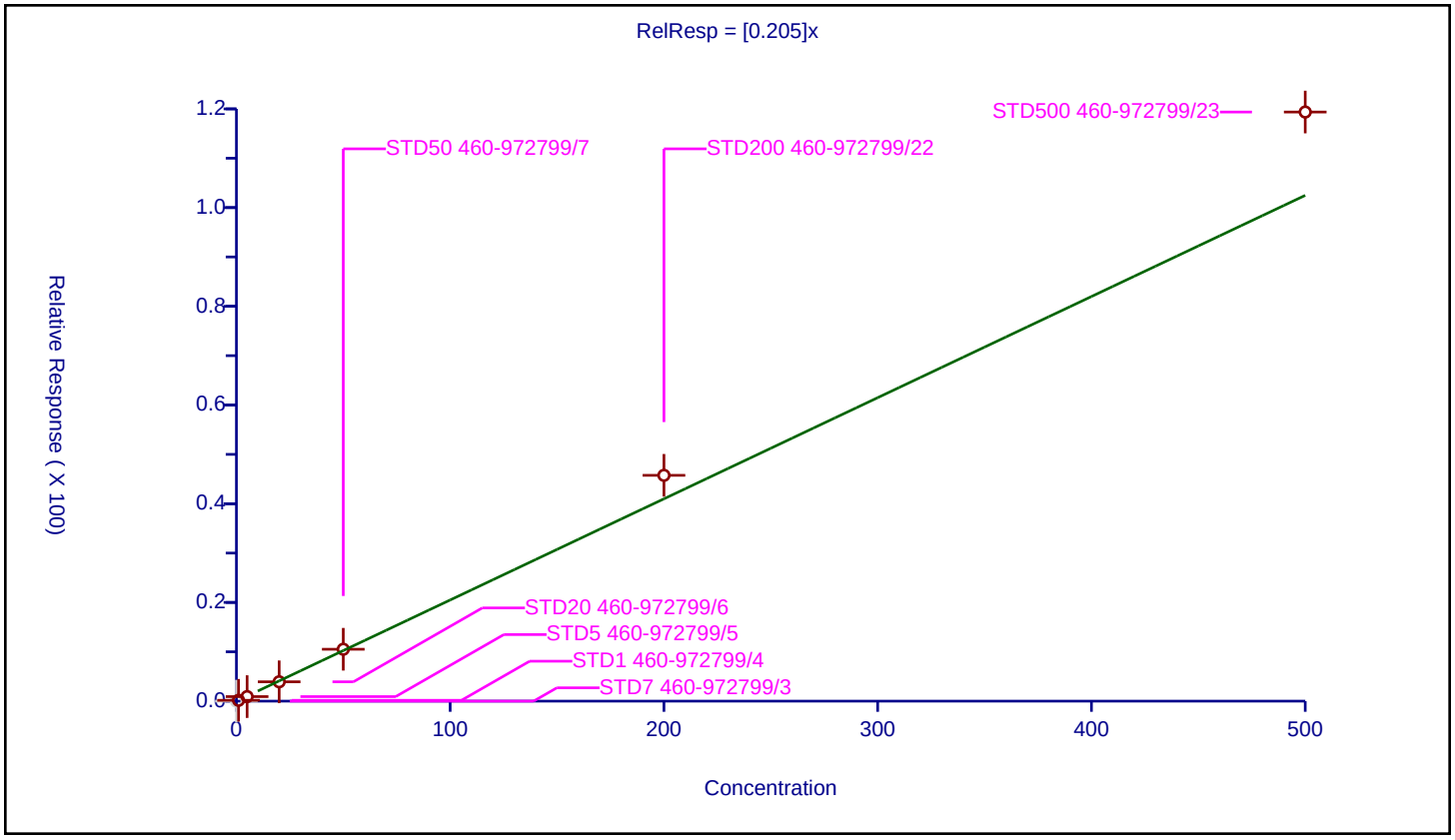
Curve Coefficients

Intercept:	0
Slope:	0.205

Error Coefficients

Relative Standard Deviation:	12.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	50.0	474245.0	NaN	N
2	STD1 460-972799/4	1.0	0.171623	50.0	471092.0	0.171623	Y
3	STD5 460-972799/5	5.0	0.921756	50.0	475180.0	0.184351	Y
4	STD20 460-972799/6	20.0	3.918505	50.0	479660.0	0.195925	Y
5	STD50 460-972799/7	50.0	10.517165	50.0	490598.0	0.210343	Y
6	STD200 460-972799/22	200.0	45.752485	50.0	516196.0	0.228762	Y
7	STD500 460-972799/23	500.0	119.361547	50.0	532819.0	0.238723	Y



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Calibration / Styrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

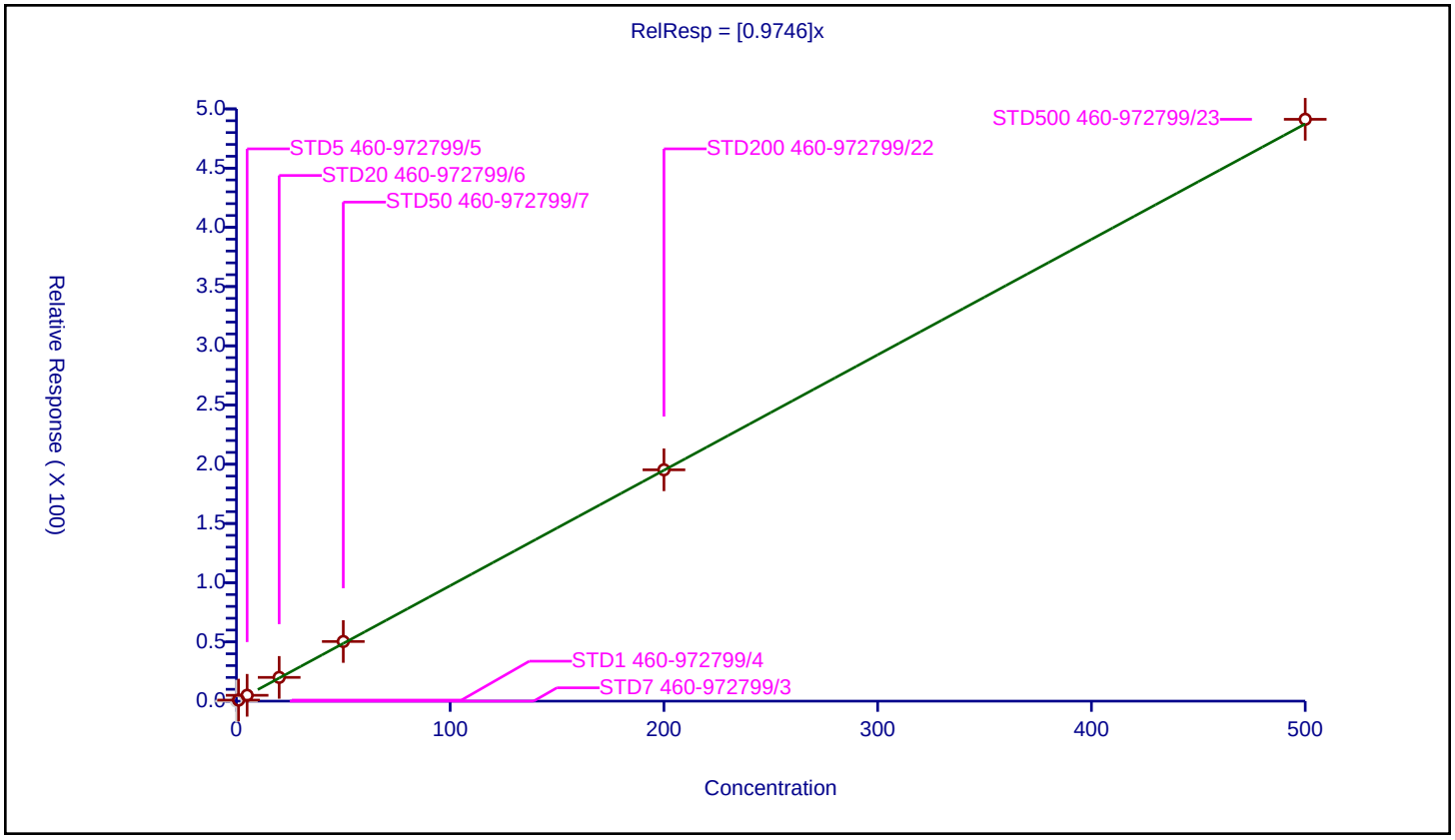
Curve Coefficients

Intercept:	0
Slope:	0.9746

Error Coefficients

Relative Standard Deviation:	4.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	50.0	474245.0	NaN	N
2	STD1 460-972799/4	1.0	0.892395	50.0	471092.0	0.892395	Y
3	STD5 460-972799/5	5.0	4.93634	50.0	475180.0	0.987268	Y
4	STD20 460-972799/6	20.0	20.042009	50.0	479660.0	1.0021	Y
5	STD50 460-972799/7	50.0	50.351816	50.0	490598.0	1.007036	Y
6	STD200 460-972799/22	200.0	195.305853	50.0	516196.0	0.976529	Y
7	STD500 460-972799/23	500.0	491.210524	50.0	532819.0	0.982421	Y



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Calibration / n-Butyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

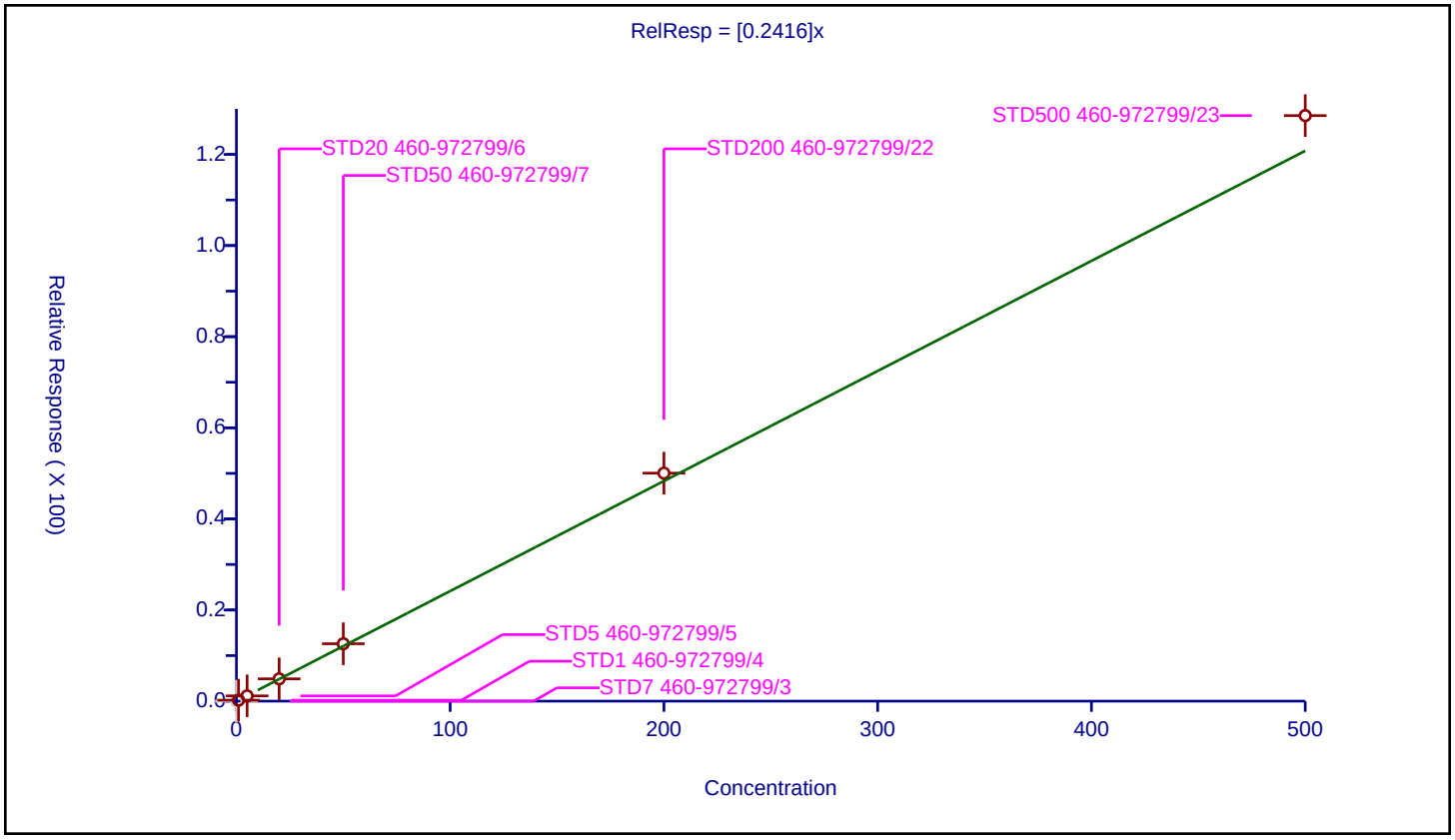
Curve Coefficients

Intercept:	0
Slope:	0.2416

Error Coefficients

Relative Standard Deviation:	6.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	50.0	474245.0	NaN	N
2	STD1 460-972799/4	1.0	0.214289	50.0	471092.0	0.214289	Y
3	STD5 460-972799/5	5.0	1.155667	50.0	475180.0	0.231133	Y
4	STD20 460-972799/6	20.0	4.897219	50.0	479660.0	0.244861	Y
5	STD50 460-972799/7	50.0	12.596362	50.0	490598.0	0.251927	Y
6	STD200 460-972799/22	200.0	50.046978	50.0	516196.0	0.250235	Y
7	STD500 460-972799/23	500.0	128.526385	50.0	532819.0	0.257053	Y



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Calibration / Isopropylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

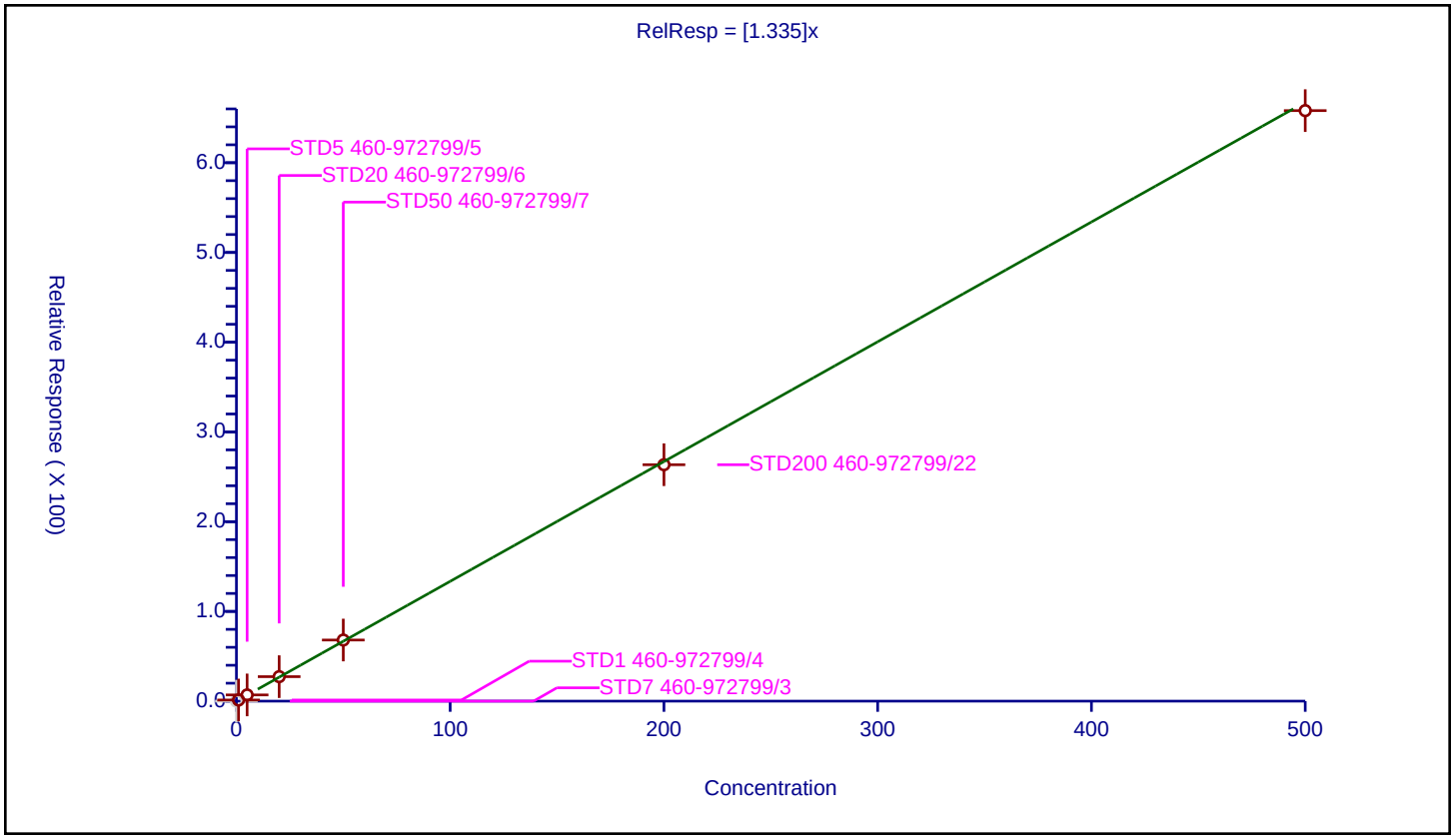
Curve Coefficients

Intercept:	0
Slope:	1.335

Error Coefficients

Relative Standard Deviation:	3.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	50.0	474245.0	NaN	N
2	STD1 460-972799/4	1.0	1.262917	50.0	471092.0	1.262917	Y
3	STD5 460-972799/5	5.0	6.934214	50.0	475180.0	1.386843	Y
4	STD20 460-972799/6	20.0	27.292874	50.0	479660.0	1.364644	Y
5	STD50 460-972799/7	50.0	68.091085	50.0	490598.0	1.361822	Y
6	STD200 460-972799/22	200.0	263.458647	50.0	516196.0	1.317293	Y
7	STD500 460-972799/23	500.0	658.07291	50.0	532819.0	1.316146	Y



Calibration / Amyl acetate (mixed isomers)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

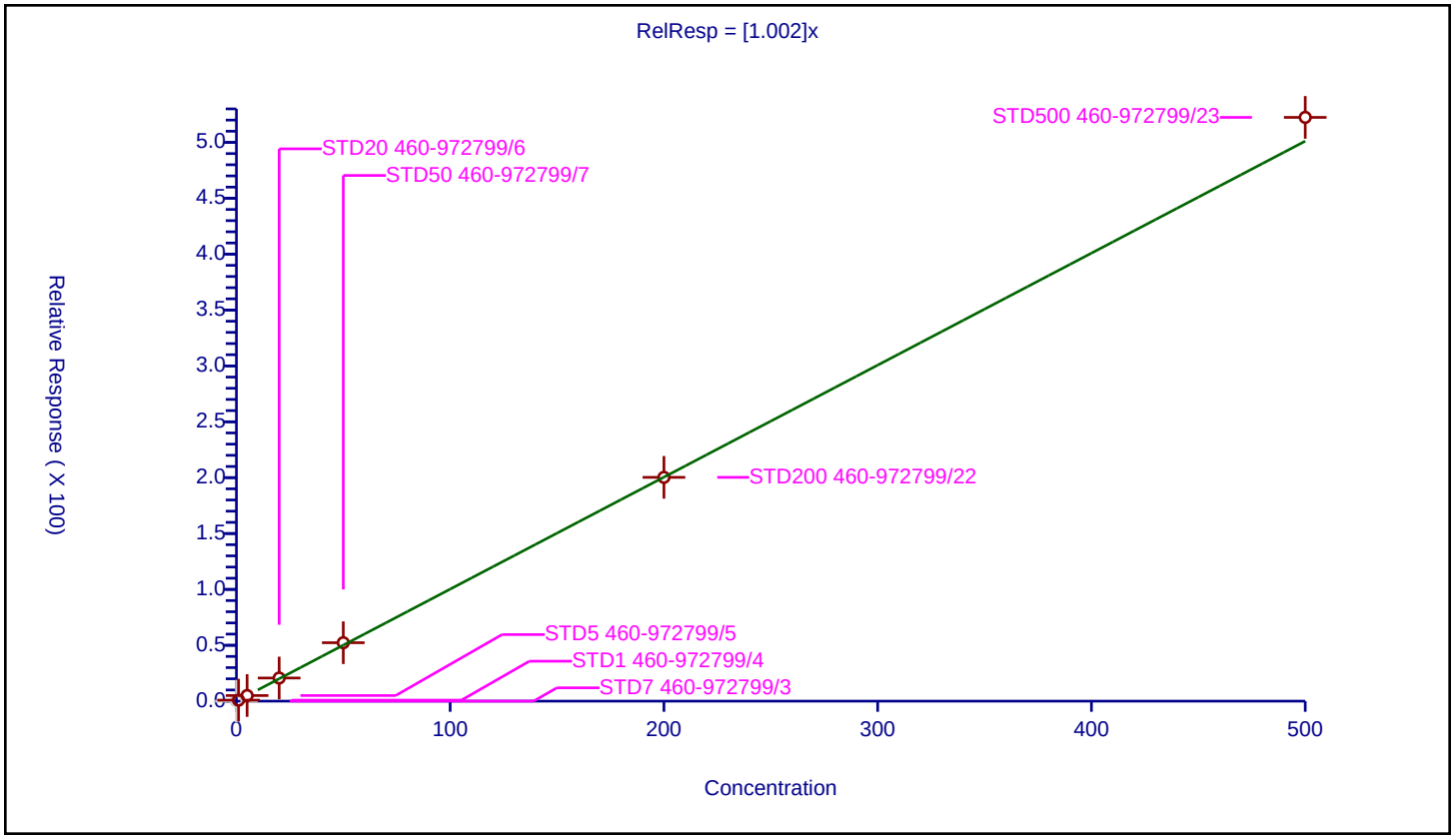
Curve Coefficients

Intercept:	0
Slope:	1.002

Error Coefficients

Relative Standard Deviation:	6.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	50.0	270122.0	NaN	N
2	STD1 460-972799/4	1.0	0.88585	50.0	269741.0	0.88585	Y
3	STD5 460-972799/5	5.0	5.006063	50.0	271311.0	1.001213	Y
4	STD20 460-972799/6	20.0	20.690507	50.0	275160.0	1.034525	Y
5	STD50 460-972799/7	50.0	52.291511	50.0	280950.0	1.04583	Y
6	STD200 460-972799/22	200.0	200.26163	50.0	296220.0	1.001308	Y
7	STD500 460-972799/23	500.0	522.399977	50.0	298132.0	1.0448	Y



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Calibration / 4-Bromofluorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

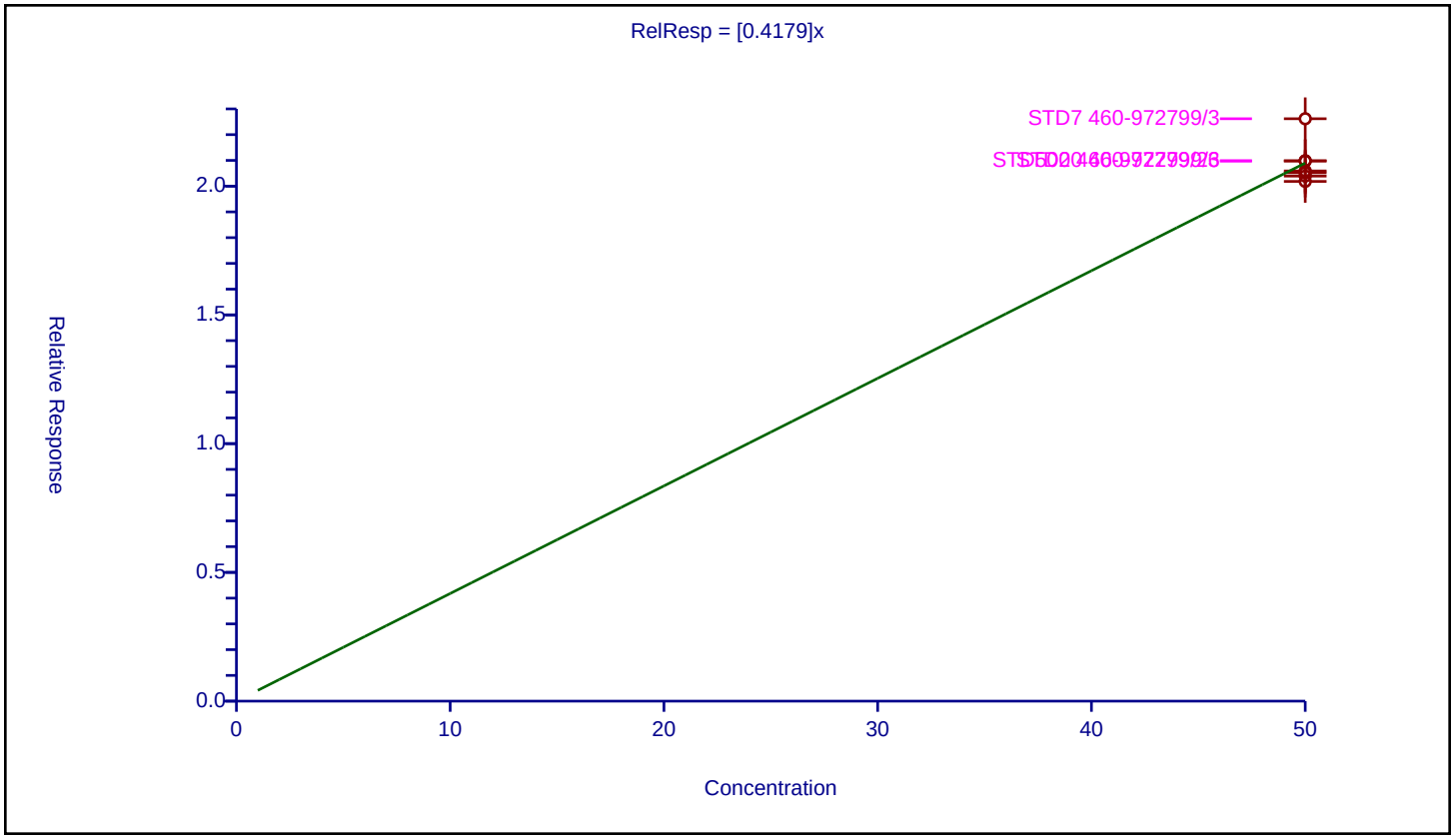
Curve Coefficients

Intercept:	0
Slope:	0.4179

Error Coefficients

Relative Standard Deviation:	3.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	50.0	22.617634	50.0	474245.0	0.452353	Y
2	STD1 460-972799/4	50.0	20.183743	50.0	471092.0	0.403675	Y
3	STD5 460-972799/5	50.0	20.520119	50.0	475180.0	0.410402	Y
4	STD20 460-972799/6	50.0	20.974128	50.0	479660.0	0.419483	Y
5	STD50 460-972799/7	50.0	20.389912	50.0	490598.0	0.407798	Y
6	STD200 460-972799/22	50.0	20.58995	50.0	516196.0	0.411799	Y
7	STD500 460-972799/23	50.0	20.987803	50.0	532819.0	0.419756	Y



Calibration / Bromobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

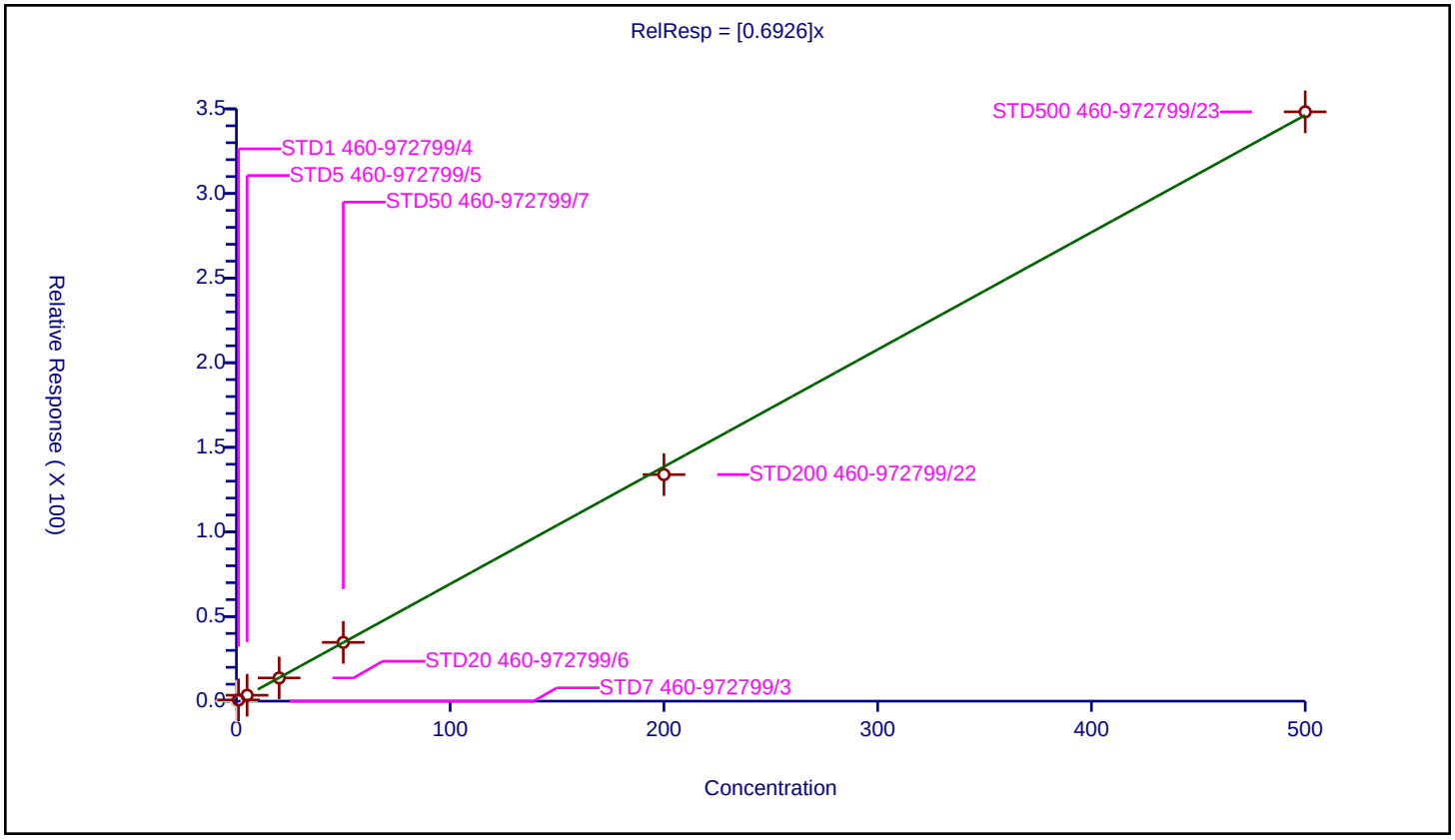
Curve Coefficients

Intercept:	0
Slope:	0.6926

Error Coefficients

Relative Standard Deviation:	2.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	50.0	270122.0	NaN	N
2	STD1 460-972799/4	1.0	0.714574	50.0	269741.0	0.714574	Y
3	STD5 460-972799/5	5.0	3.479033	50.0	271311.0	0.695807	Y
4	STD20 460-972799/6	20.0	13.696395	50.0	275160.0	0.68482	Y
5	STD50 460-972799/7	50.0	34.736608	50.0	280950.0	0.694732	Y
6	STD200 460-972799/22	200.0	133.883094	50.0	296220.0	0.669415	Y
7	STD500 460-972799/23	500.0	348.249098	50.0	298132.0	0.696498	Y



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Calibration / N-Propylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

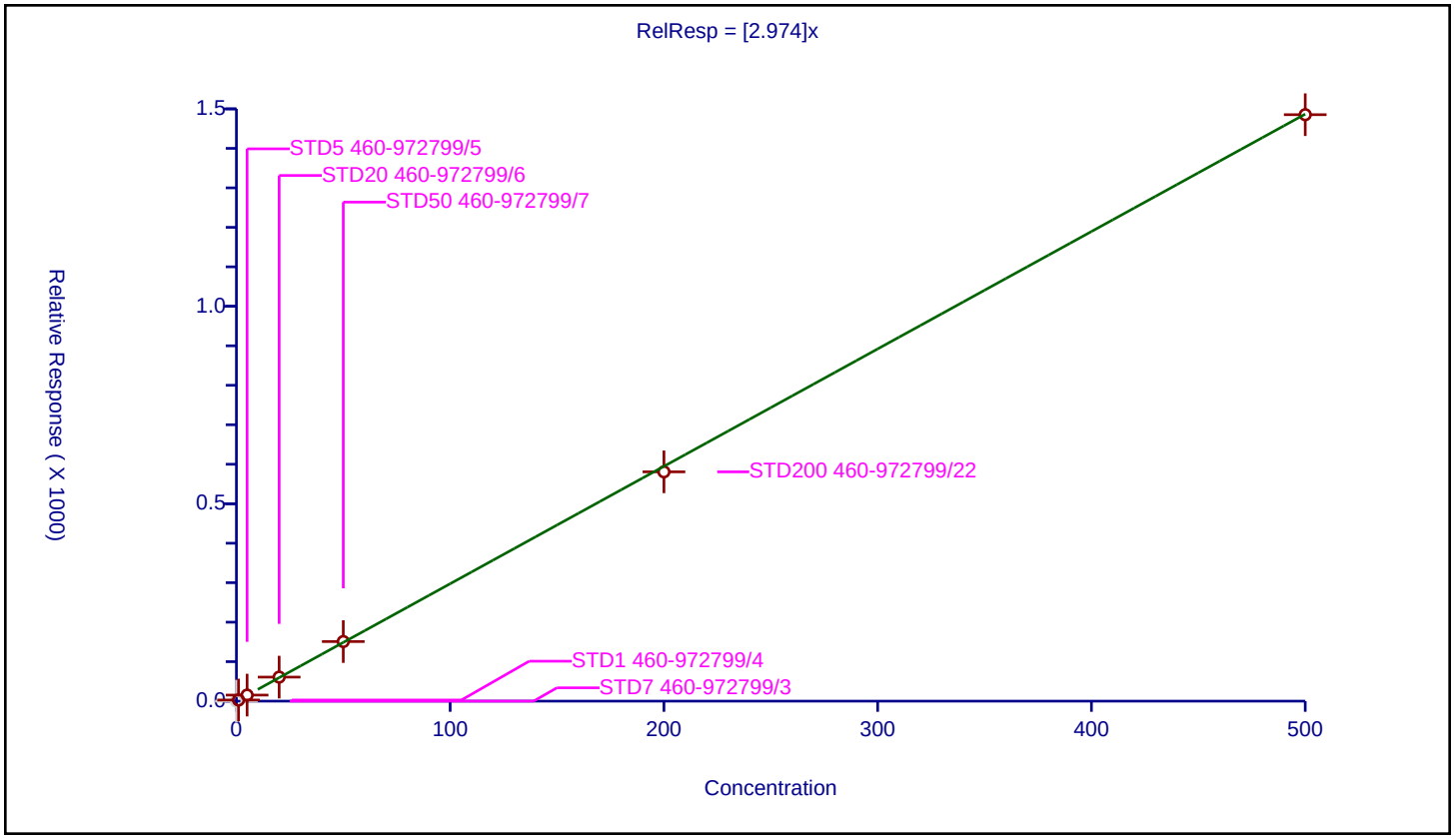
Curve Coefficients

Intercept:	0
Slope:	2.974

Error Coefficients

Relative Standard Deviation:	2.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	50.0	270122.0	NaN	N
2	STD1 460-972799/4	1.0	2.83902	50.0	269741.0	2.83902	Y
3	STD5 460-972799/5	5.0	15.322453	50.0	271311.0	3.064491	Y
4	STD20 460-972799/6	20.0	60.885667	50.0	275160.0	3.044283	Y
5	STD50 460-972799/7	50.0	150.950525	50.0	280950.0	3.019011	Y
6	STD200 460-972799/22	200.0	580.779657	50.0	296220.0	2.903898	Y
7	STD500 460-972799/23	500.0	1485.310534	50.0	298132.0	2.970621	Y



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Calibration / 1,1,2,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

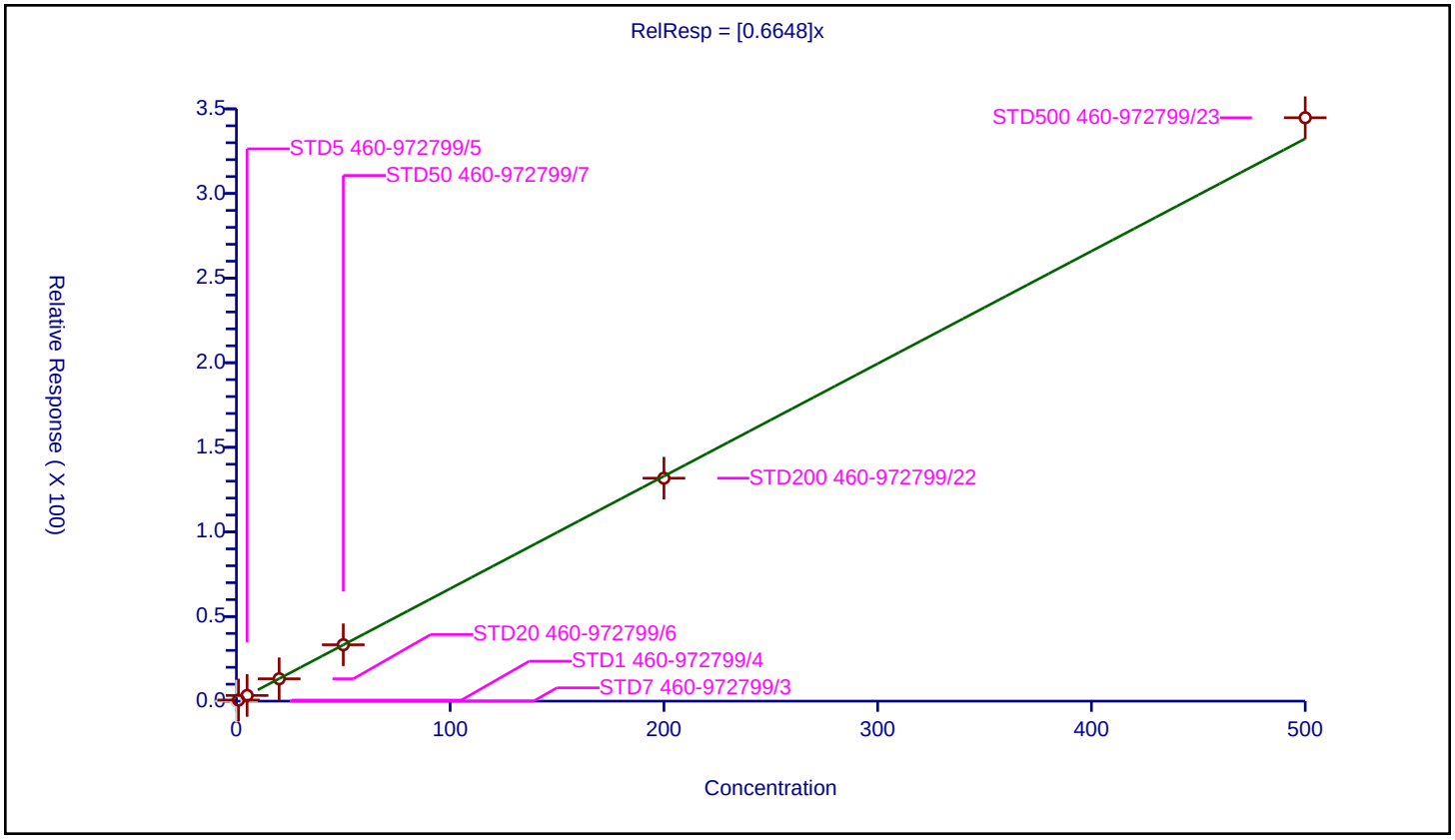
Curve Coefficients

Intercept:	0
Slope:	0.6648

Error Coefficients

Relative Standard Deviation:	2.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	50.0	270122.0	NaN	N
2	STD1 460-972799/4	1.0	0.6408	50.0	269741.0	0.6408	Y
3	STD5 460-972799/5	5.0	3.361456	50.0	271311.0	0.672291	Y
4	STD20 460-972799/6	20.0	13.220672	50.0	275160.0	0.661034	Y
5	STD50 460-972799/7	50.0	33.317316	50.0	280950.0	0.666346	Y
6	STD200 460-972799/22	200.0	131.751739	50.0	296220.0	0.658759	Y
7	STD500 460-972799/23	500.0	344.773791	50.0	298132.0	0.689548	Y



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Calibration / 2-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

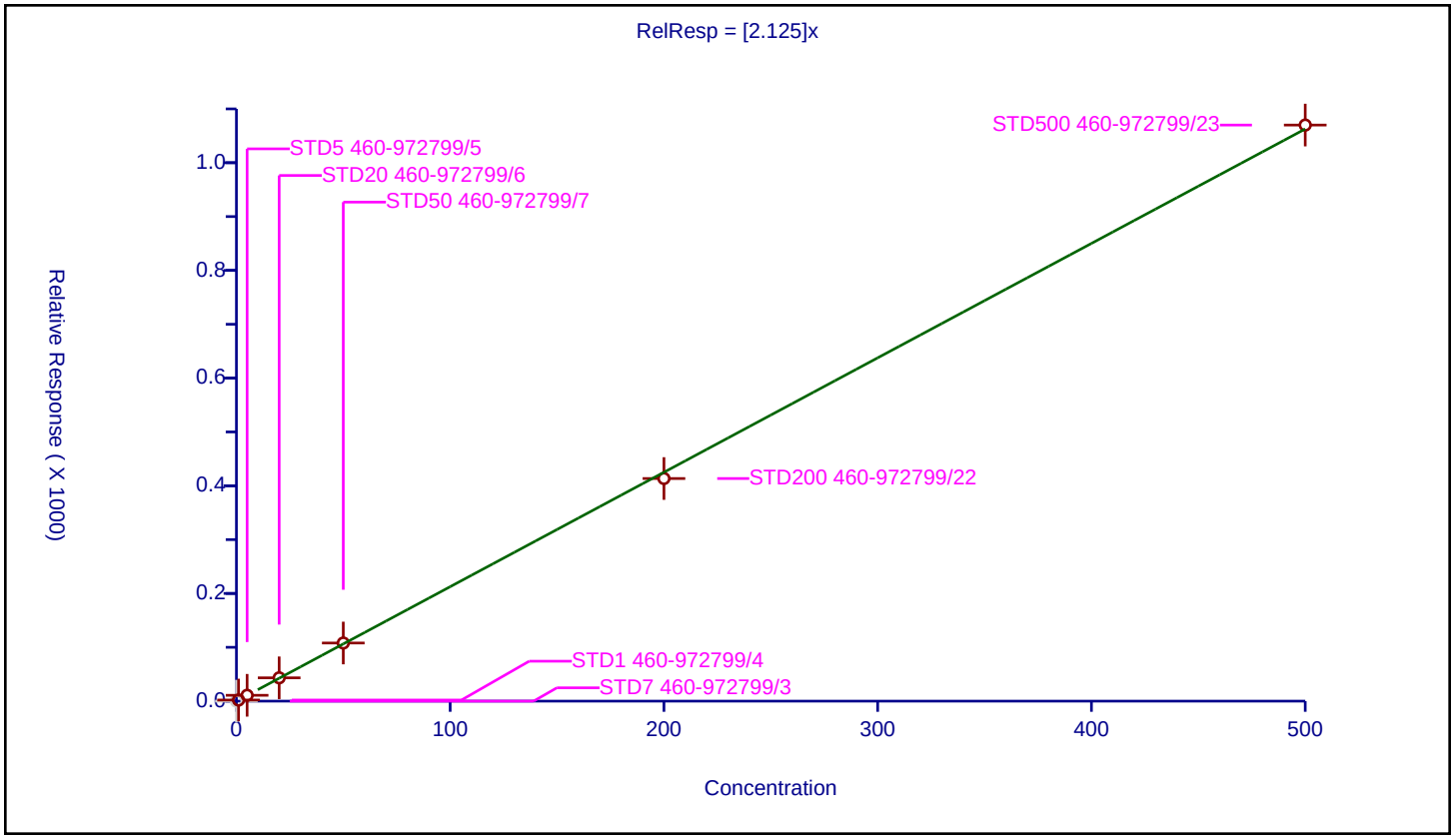
Curve Coefficients

Intercept:	0
Slope:	2.125

Error Coefficients

Relative Standard Deviation:	2.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	50.0	270122.0	NaN	N
2	STD1 460-972799/4	1.0	2.048632	50.0	269741.0	2.048632	Y
3	STD5 460-972799/5	5.0	10.858572	50.0	271311.0	2.171714	Y
4	STD20 460-972799/6	20.0	43.30753	50.0	275160.0	2.165377	Y
5	STD50 460-972799/7	50.0	107.95444	50.0	280950.0	2.159089	Y
6	STD200 460-972799/22	200.0	413.502464	50.0	296220.0	2.067512	Y
7	STD500 460-972799/23	500.0	1069.959447	50.0	298132.0	2.139919	Y



Calibration / 4-Ethyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

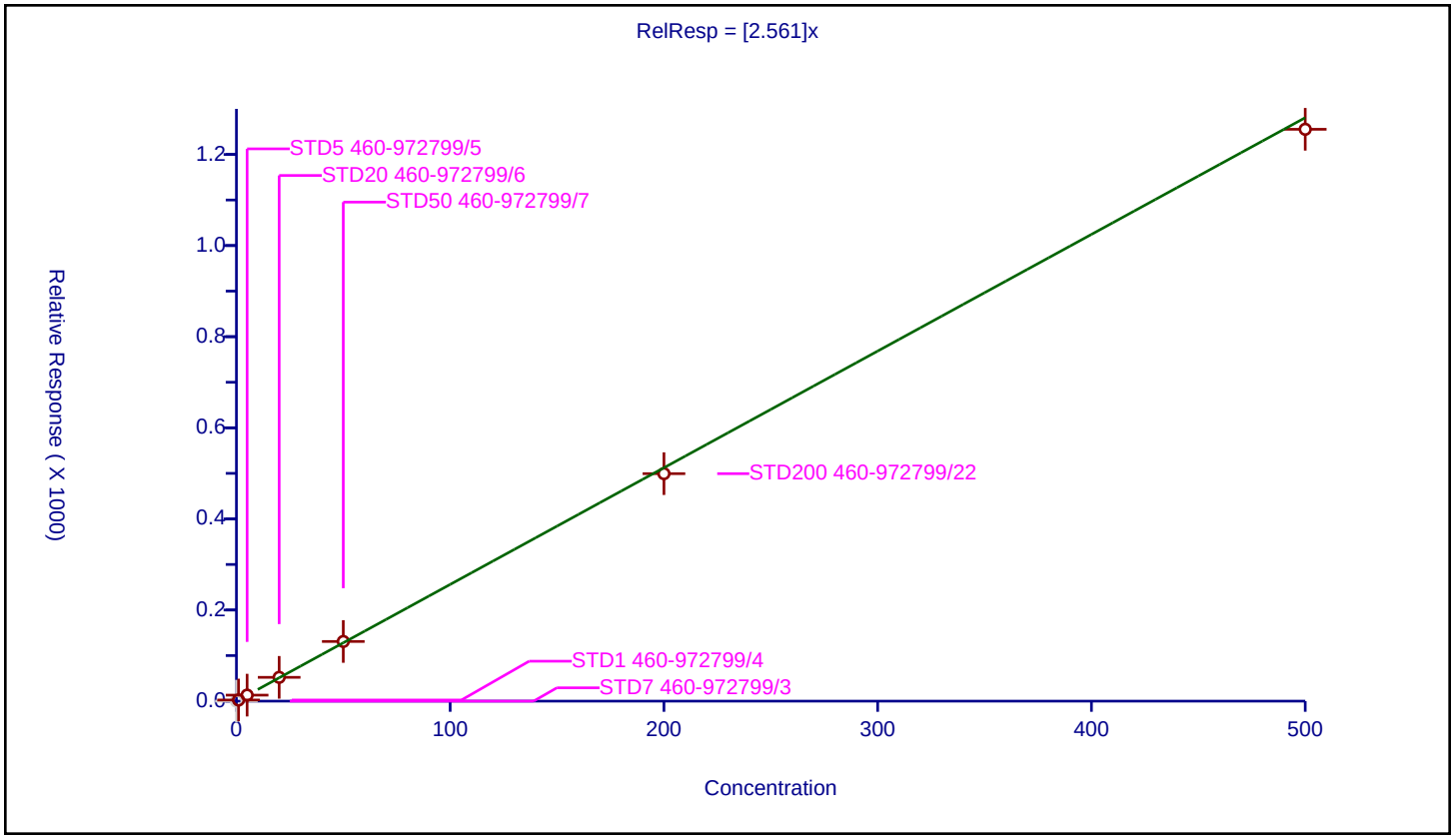
Curve Coefficients

Intercept:	0
Slope:	2.561

Error Coefficients

Relative Standard Deviation:	2.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	50.0	270122.0	NaN	N
2	STD1 460-972799/4	1.0	2.491835	50.0	269741.0	2.491835	Y
3	STD5 460-972799/5	5.0	13.186712	50.0	271311.0	2.637342	Y
4	STD20 460-972799/6	20.0	52.242695	50.0	275160.0	2.612135	Y
5	STD50 460-972799/7	50.0	130.985051	50.0	280950.0	2.619701	Y
6	STD200 460-972799/22	200.0	499.33124	50.0	296220.0	2.496656	Y
7	STD500 460-972799/23	500.0	1255.220842	50.0	298132.0	2.510442	Y



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Calibration / 1,2,3-Trichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

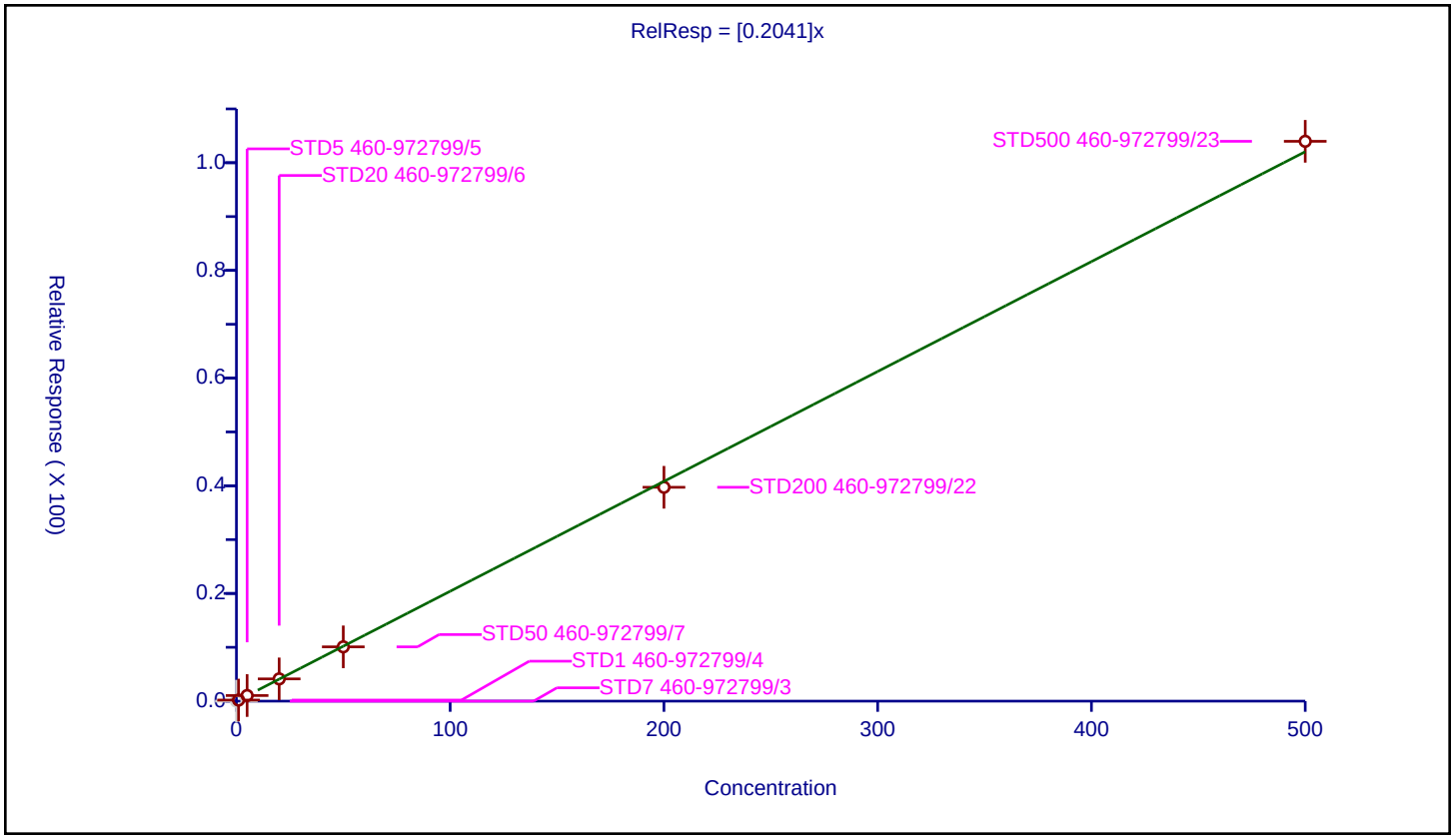
Curve Coefficients

Intercept:	0
Slope:	0.2041

Error Coefficients

Relative Standard Deviation:	1.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	50.0	270122.0	NaN	N
2	STD1 460-972799/4	1.0	0.201675	50.0	269741.0	0.201675	Y
3	STD5 460-972799/5	5.0	1.03995	50.0	271311.0	0.20799	Y
4	STD20 460-972799/6	20.0	4.132505	50.0	275160.0	0.206625	Y
5	STD50 460-972799/7	50.0	10.084357	50.0	280950.0	0.201687	Y
6	STD200 460-972799/22	200.0	39.721153	50.0	296220.0	0.198606	Y
7	STD500 460-972799/23	500.0	103.979445	50.0	298132.0	0.207959	Y



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Calibration / 1,3,5-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

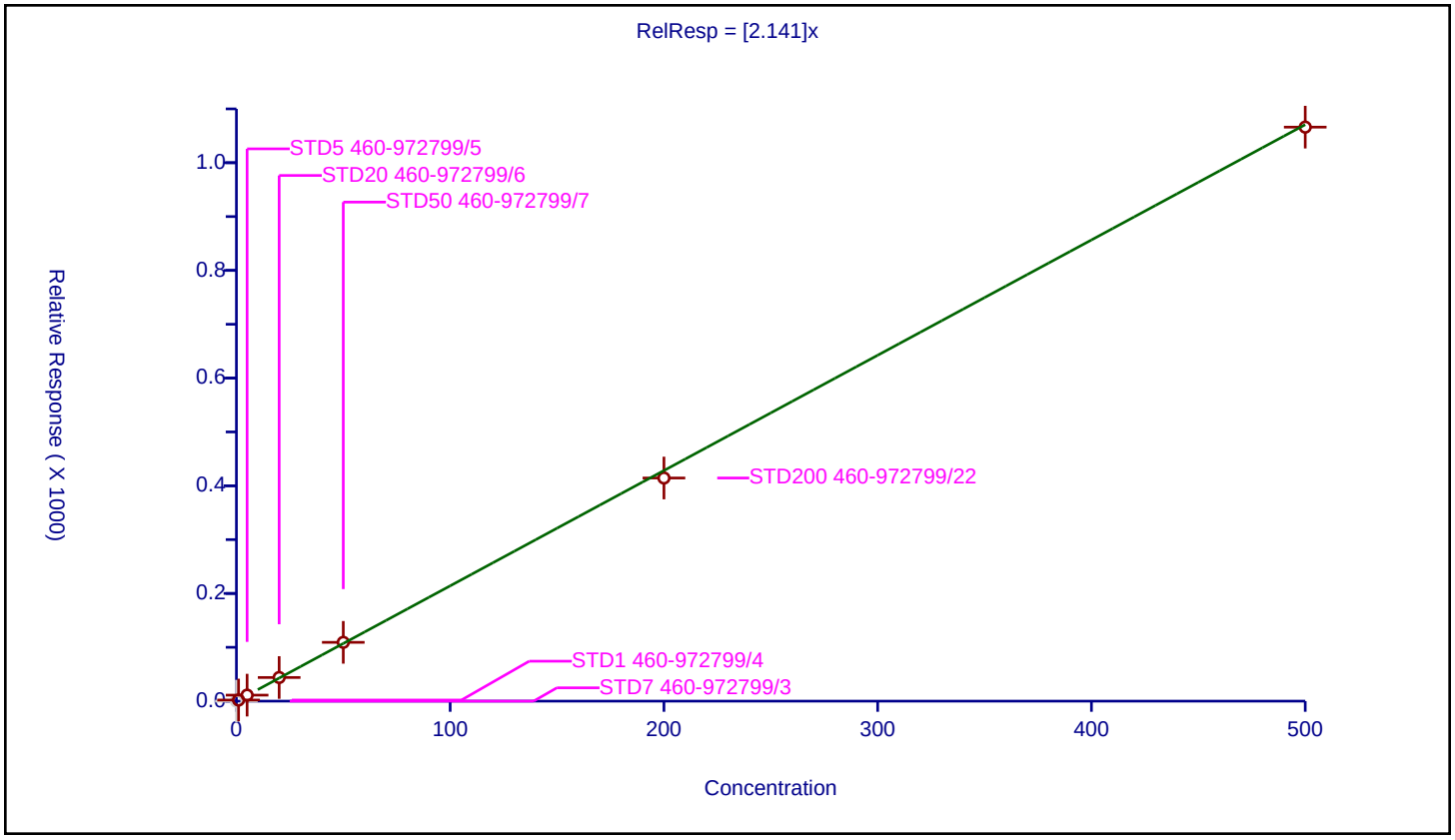
Curve Coefficients

Intercept:	0
Slope:	2.141

Error Coefficients

Relative Standard Deviation:	3.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	50.0	270122.0	NaN	N
2	STD1 460-972799/4	1.0	2.038622	50.0	269741.0	2.038622	Y
3	STD5 460-972799/5	5.0	11.132243	50.0	271311.0	2.226449	Y
4	STD20 460-972799/6	20.0	43.912451	50.0	275160.0	2.195623	Y
5	STD50 460-972799/7	50.0	109.191493	50.0	280950.0	2.18383	Y
6	STD200 460-972799/22	200.0	414.409223	50.0	296220.0	2.072046	Y
7	STD500 460-972799/23	500.0	1066.137986	50.0	298132.0	2.132276	Y



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Calibration / trans-1,4-Dichloro-2-butene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

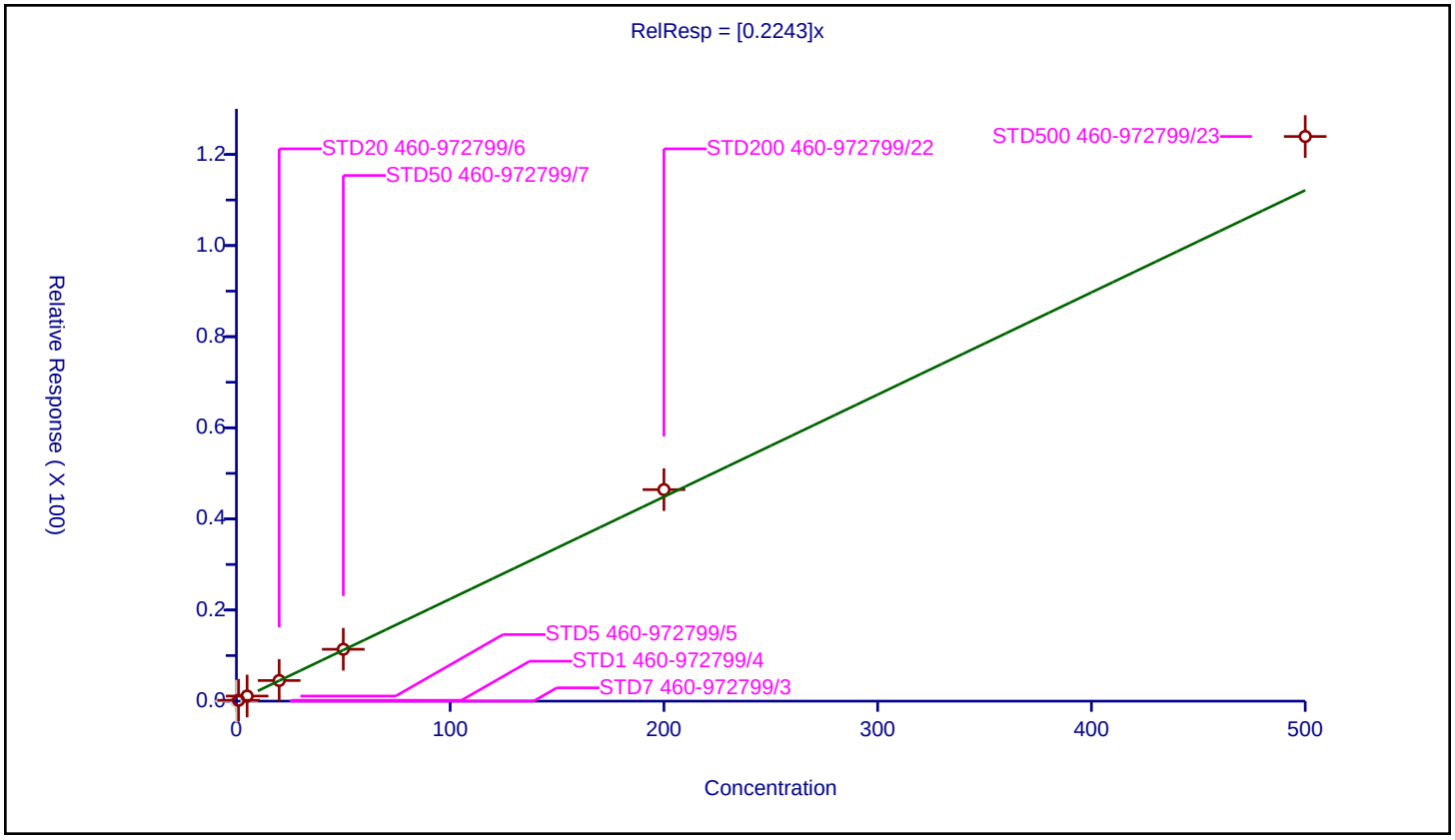
Curve Coefficients

Intercept:	0
Slope:	0.2243

Error Coefficients

Relative Standard Deviation:	8.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	50.0	270122.0	NaN	N
2	STD1 460-972799/4	1.0	0.187773	50.0	269741.0	0.187773	Y
3	STD5 460-972799/5	5.0	1.118642	50.0	271311.0	0.223728	Y
4	STD20 460-972799/6	20.0	4.52882	50.0	275160.0	0.226441	Y
5	STD50 460-972799/7	50.0	11.384944	50.0	280950.0	0.227699	Y
6	STD200 460-972799/22	200.0	46.426811	50.0	296220.0	0.232134	Y
7	STD500 460-972799/23	500.0	123.945769	50.0	298132.0	0.247892	Y



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Calibration / 4-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

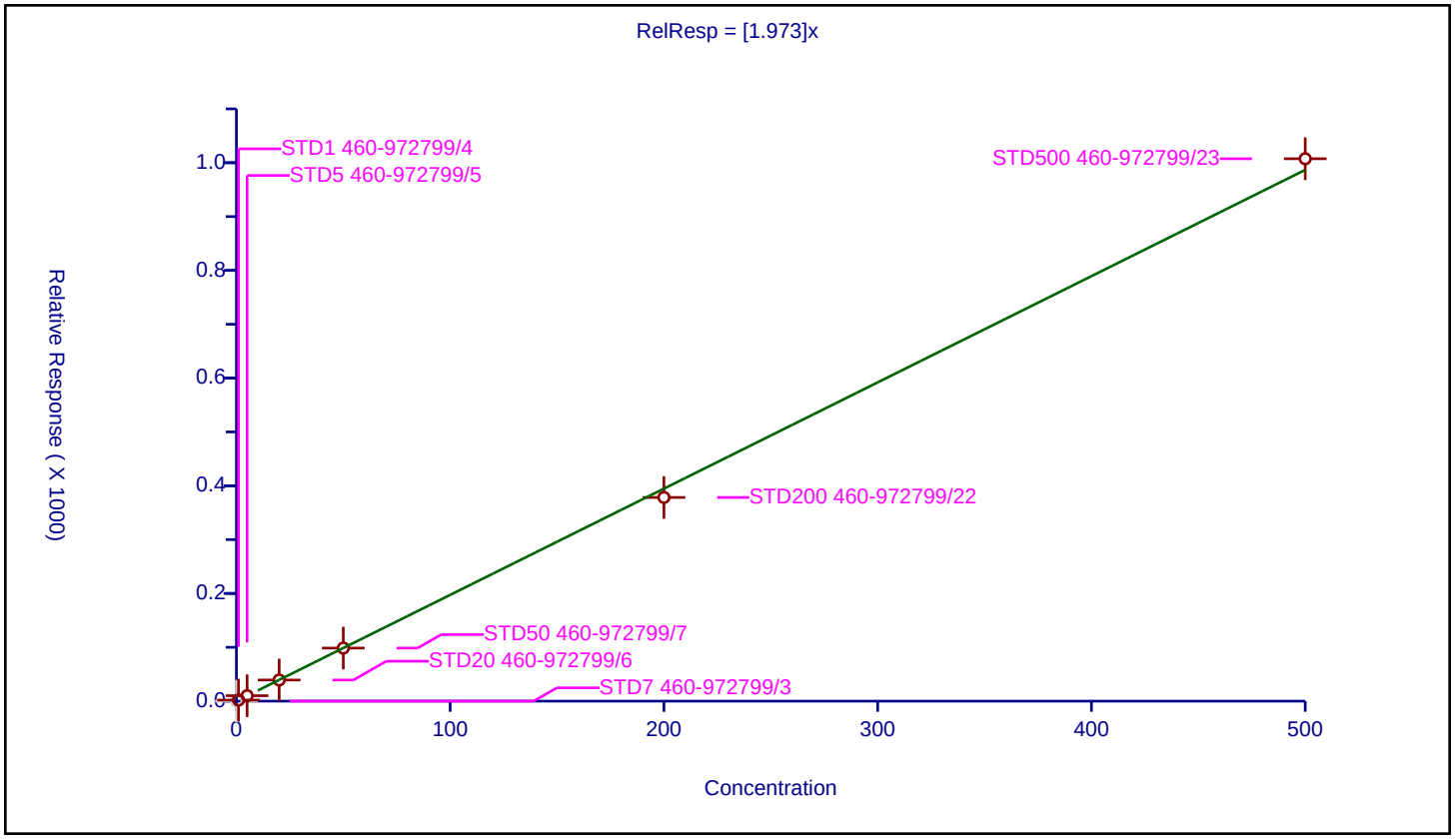
Curve Coefficients

Intercept:	0
Slope:	1.973

Error Coefficients

Relative Standard Deviation:	2.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	50.0	270122.0	NaN	N
2	STD1 460-972799/4	1.0	1.975228	50.0	269741.0	1.975228	Y
3	STD5 460-972799/5	5.0	10.119752	50.0	271311.0	2.02395	Y
4	STD20 460-972799/6	20.0	39.269516	50.0	275160.0	1.963476	Y
5	STD50 460-972799/7	50.0	98.553123	50.0	280950.0	1.971062	Y
6	STD200 460-972799/22	200.0	378.315441	50.0	296220.0	1.891577	Y
7	STD500 460-972799/23	500.0	1007.398065	50.0	298132.0	2.014796	Y



Calibration / tert-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

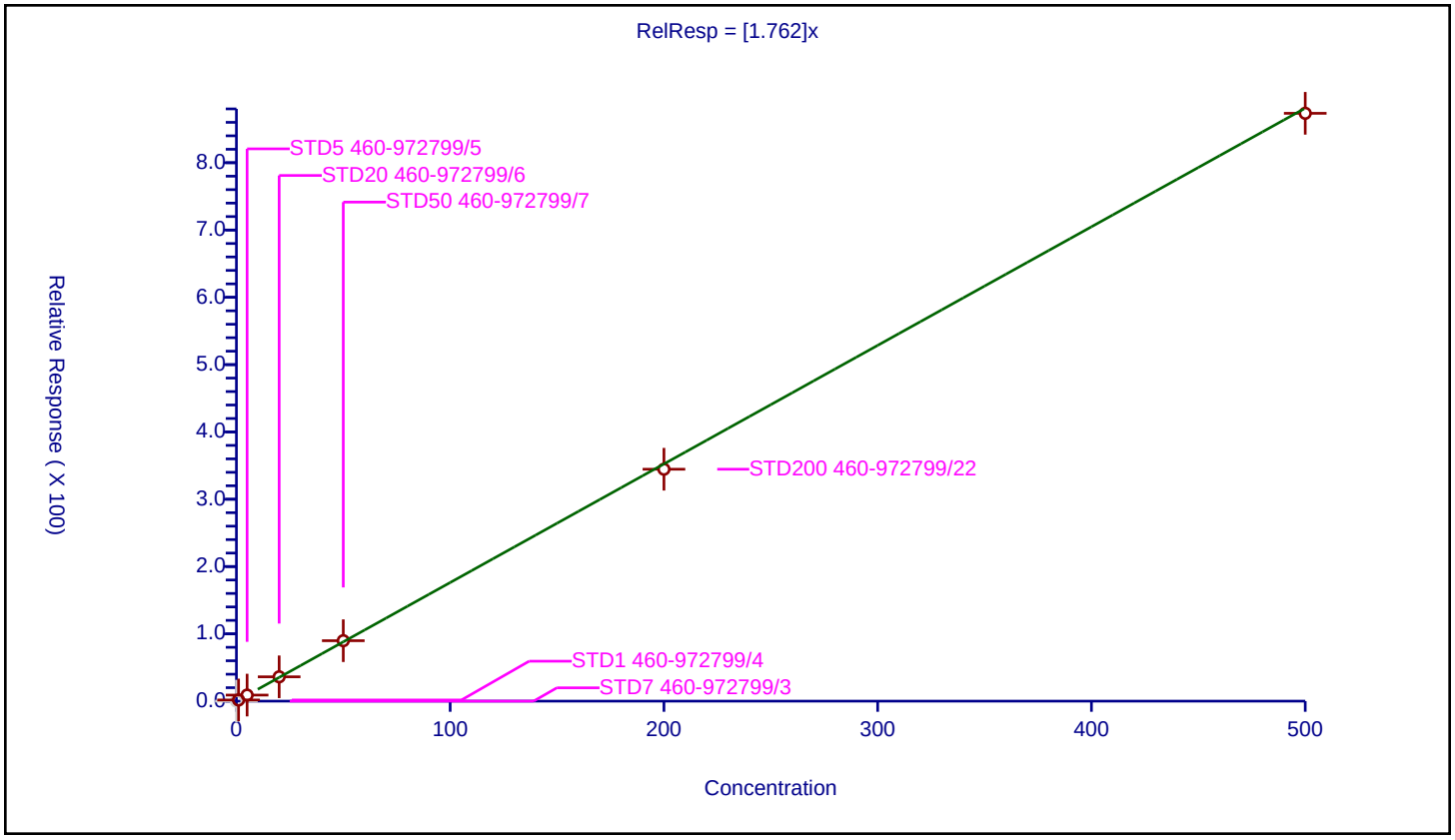
Curve Coefficients

Intercept:	0
Slope:	1.762

Error Coefficients

Relative Standard Deviation:	2.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	50.0	270122.0	NaN	N
2	STD1 460-972799/4	1.0	1.703486	50.0	269741.0	1.703486	Y
3	STD5 460-972799/5	5.0	8.98397	50.0	271311.0	1.796794	Y
4	STD20 460-972799/6	20.0	36.134613	50.0	275160.0	1.806731	Y
5	STD50 460-972799/7	50.0	89.796583	50.0	280950.0	1.795932	Y
6	STD200 460-972799/22	200.0	344.583755	50.0	296220.0	1.722919	Y
7	STD500 460-972799/23	500.0	873.436095	50.0	298132.0	1.746872	Y



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Calibration / Butyl Methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

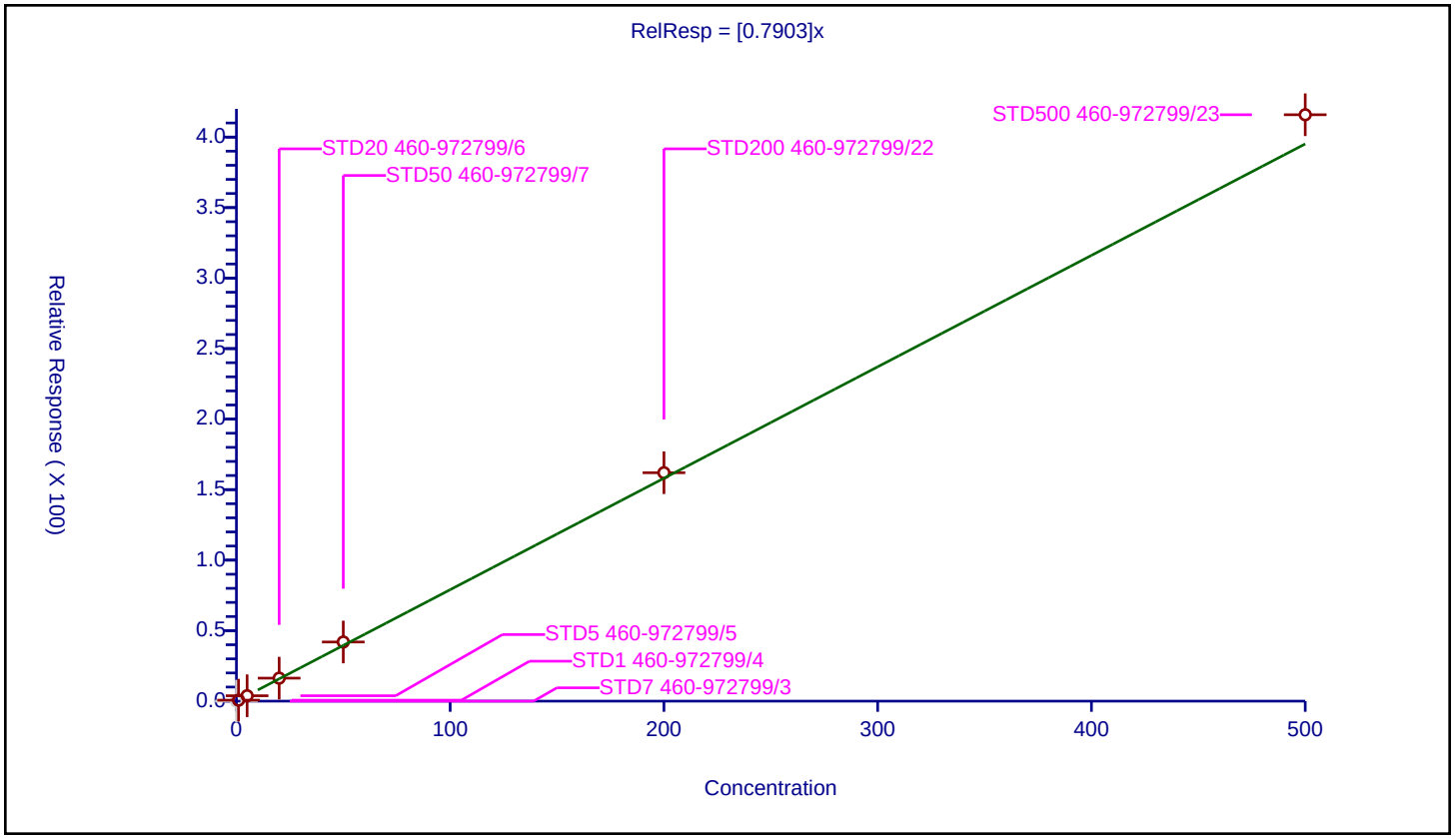
Curve Coefficients

Intercept:	0
Slope:	0.7903

Error Coefficients

Relative Standard Deviation:	7.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	50.0	270122.0	NaN	N
2	STD1 460-972799/4	1.0	0.682507	50.0	269741.0	0.682507	Y
3	STD5 460-972799/5	5.0	3.816653	50.0	271311.0	0.763331	Y
4	STD20 460-972799/6	20.0	16.308511	50.0	275160.0	0.815426	Y
5	STD50 460-972799/7	50.0	41.939669	50.0	280950.0	0.838793	Y
6	STD200 460-972799/22	200.0	161.994632	50.0	296220.0	0.809973	Y
7	STD500 460-972799/23	500.0	415.844995	50.0	298132.0	0.83169	Y



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Calibration / 1,2,4-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

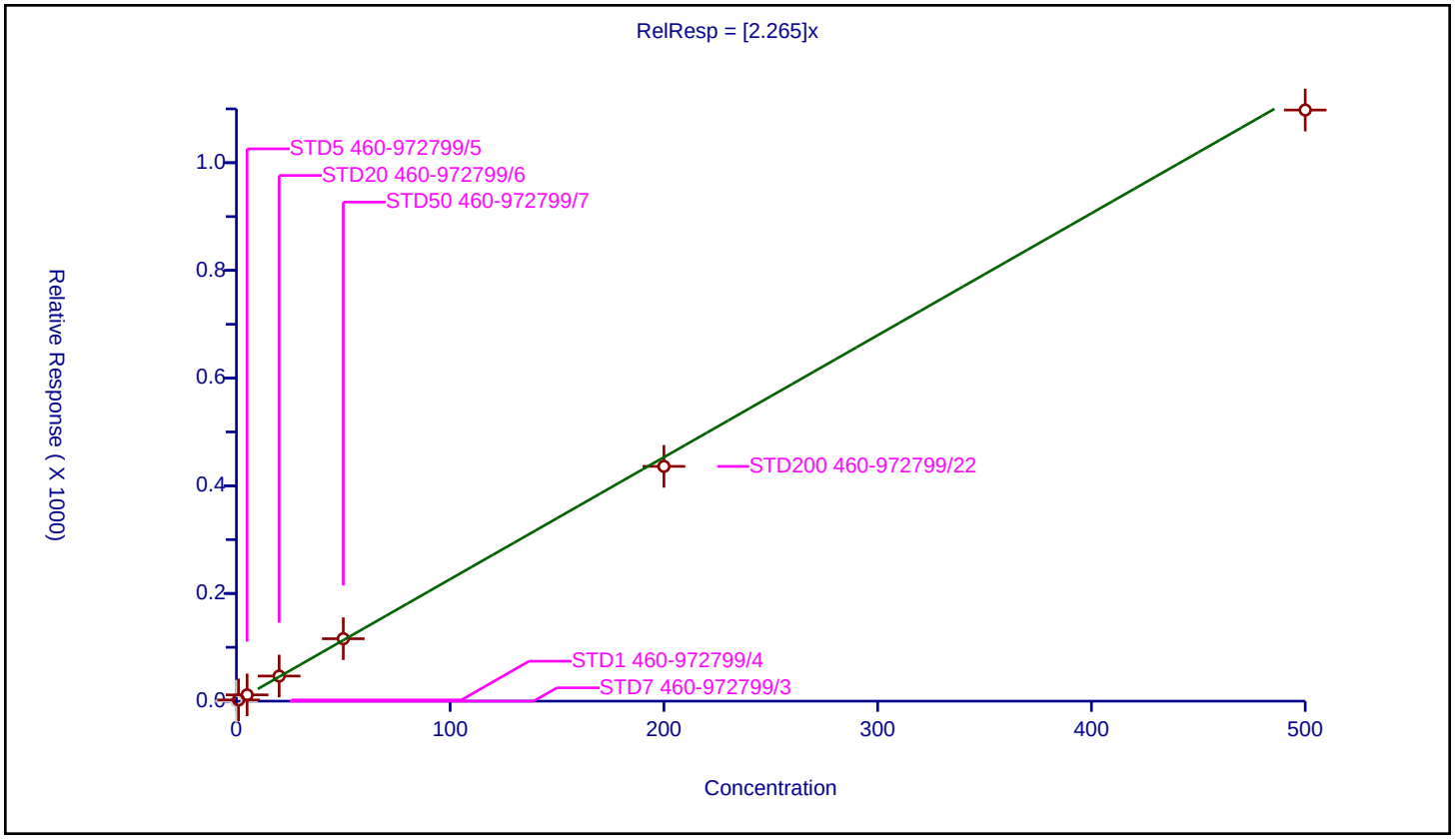
Curve Coefficients

Intercept:	0
Slope:	2.265

Error Coefficients

Relative Standard Deviation:	3.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	50.0	270122.0	NaN	N
2	STD1 460-972799/4	1.0	2.239741	50.0	269741.0	2.239741	Y
3	STD5 460-972799/5	5.0	11.631117	50.0	271311.0	2.326223	Y
4	STD20 460-972799/6	20.0	46.614333	50.0	275160.0	2.330717	Y
5	STD50 460-972799/7	50.0	115.949279	50.0	280950.0	2.318986	Y
6	STD200 460-972799/22	200.0	436.026095	50.0	296220.0	2.18013	Y
7	STD500 460-972799/23	500.0	1097.877618	50.0	298132.0	2.195755	Y



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Calibration / sec-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

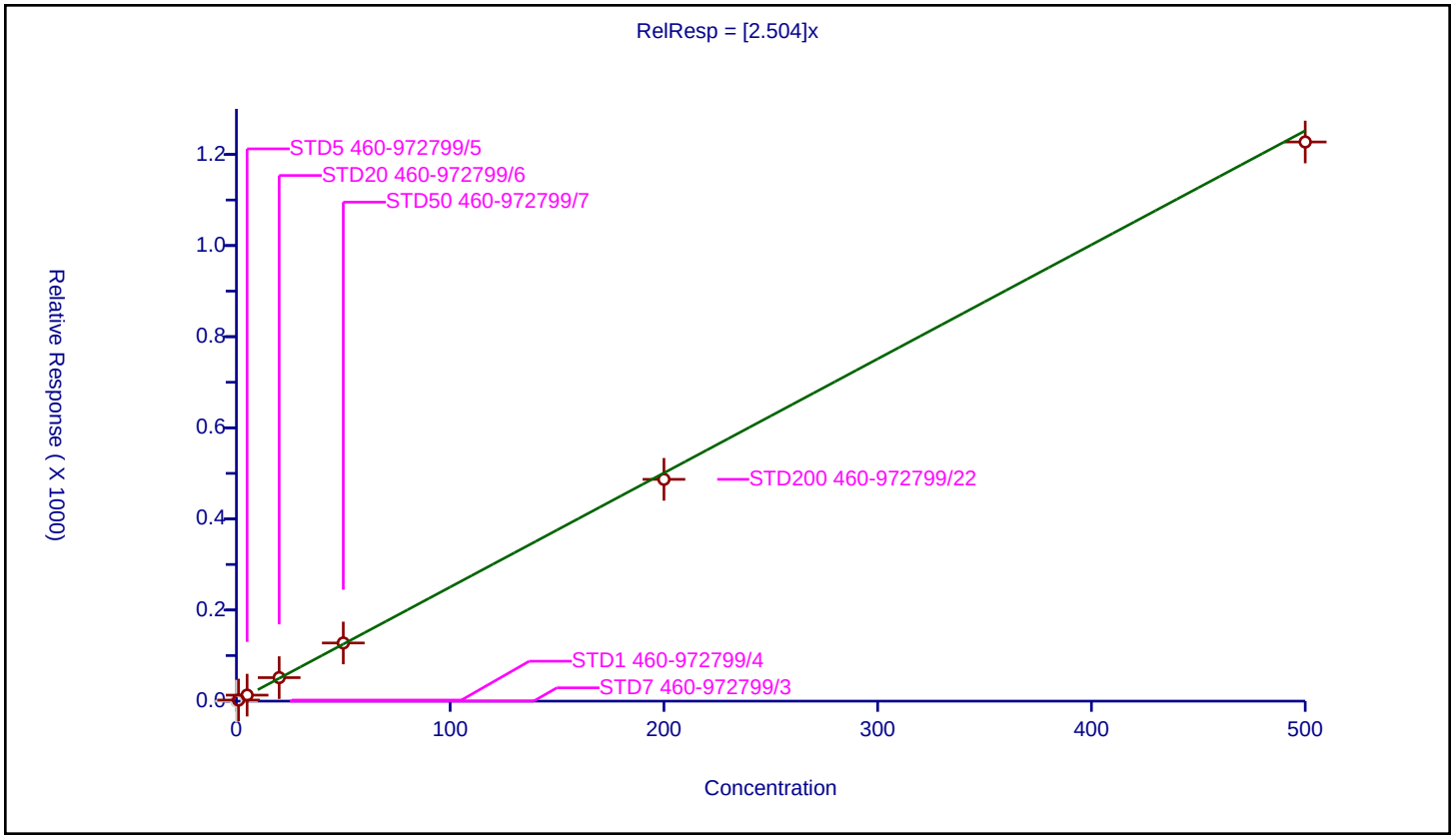
Curve Coefficients

Intercept:	0
Slope:	2.504

Error Coefficients

Relative Standard Deviation:	4.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	50.0	270122.0	NaN	N
2	STD1 460-972799/4	1.0	2.365232	50.0	269741.0	2.365232	Y
3	STD5 460-972799/5	5.0	13.197954	50.0	271311.0	2.639591	Y
4	STD20 460-972799/6	20.0	51.568724	50.0	275160.0	2.578436	Y
5	STD50 460-972799/7	50.0	127.655811	50.0	280950.0	2.553116	Y
6	STD200 460-972799/22	200.0	486.820775	50.0	296220.0	2.434104	Y
7	STD500 460-972799/23	500.0	1227.411348	50.0	298132.0	2.454823	Y



Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

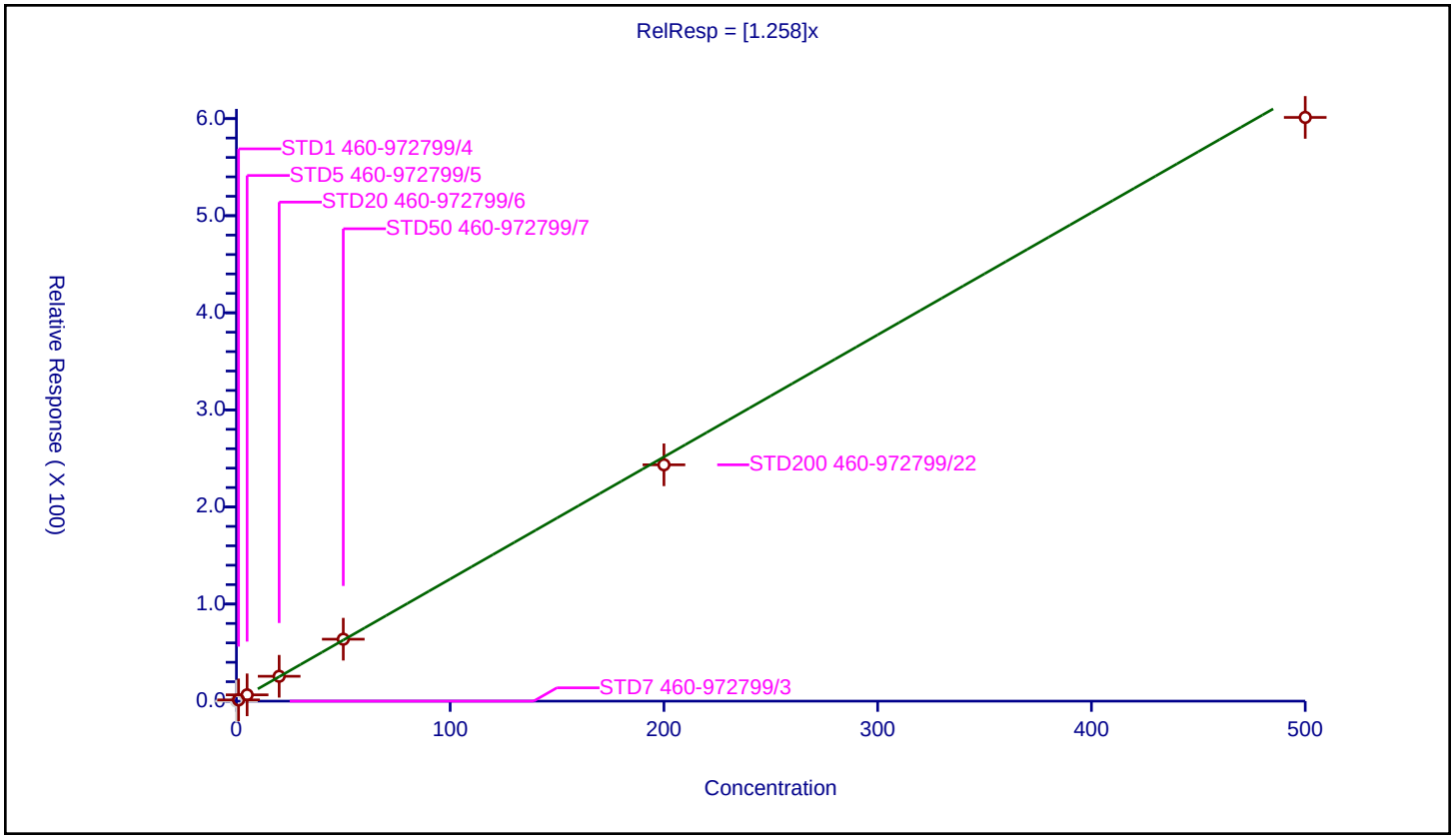
Curve Coefficients

Intercept:	0
Slope:	1.258

Error Coefficients

Relative Standard Deviation:	3.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	50.0	270122.0	NaN	N
2	STD1 460-972799/4	1.0	1.273815	50.0	269741.0	1.273815	Y
3	STD5 460-972799/5	5.0	6.482782	50.0	271311.0	1.296556	Y
4	STD20 460-972799/6	20.0	25.610009	50.0	275160.0	1.2805	Y
5	STD50 460-972799/7	50.0	63.794803	50.0	280950.0	1.275896	Y
6	STD200 460-972799/22	200.0	243.428195	50.0	296220.0	1.217141	Y
7	STD500 460-972799/23	500.0	601.210034	50.0	298132.0	1.20242	Y



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Calibration / 4-Isopropyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

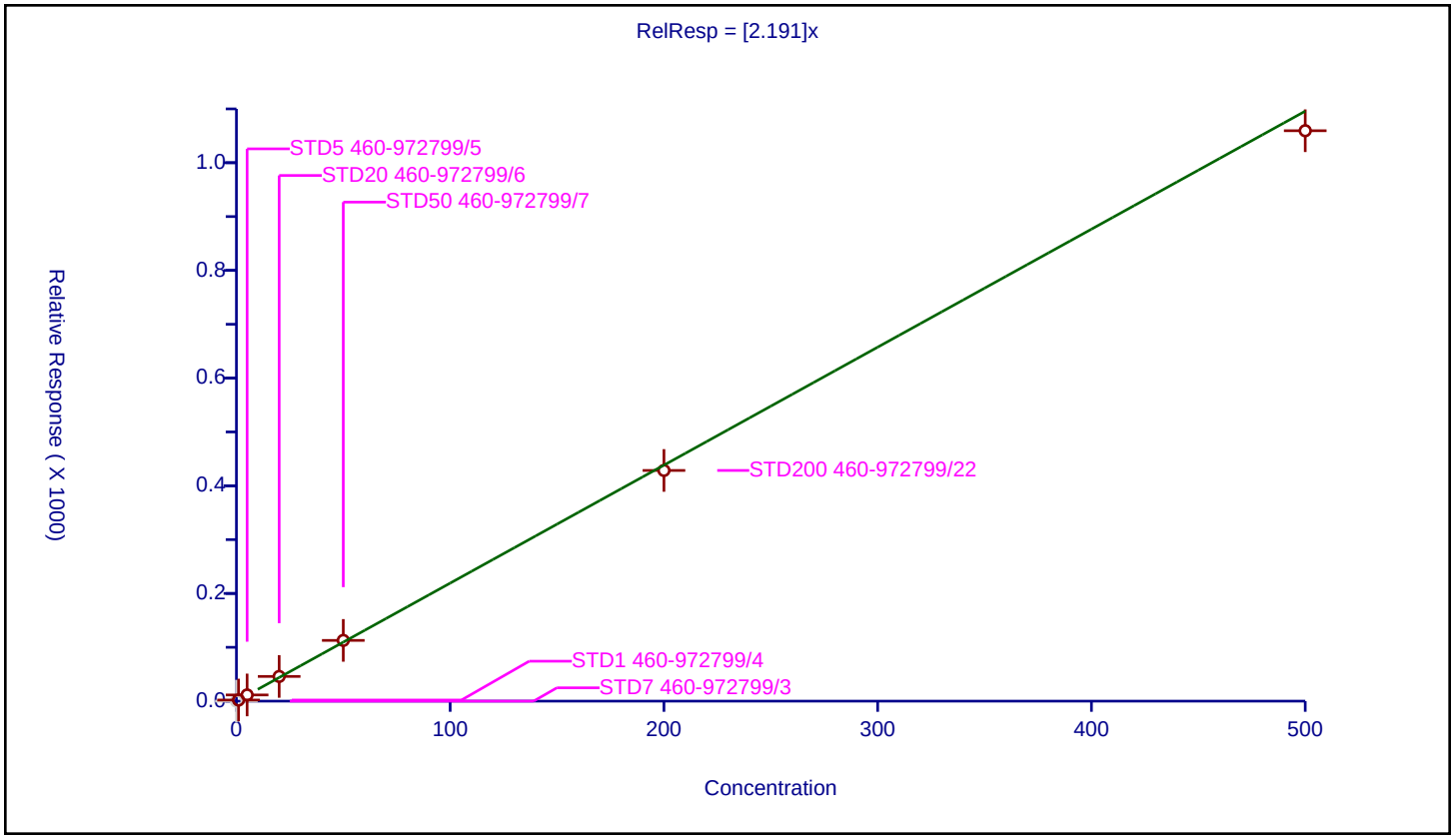
Curve Coefficients

Intercept:	0
Slope:	2.191

Error Coefficients

Relative Standard Deviation:	5.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	50.0	270122.0	NaN	N
2	STD1 460-972799/4	1.0	2.035286	50.0	269741.0	2.035286	Y
3	STD5 460-972799/5	5.0	11.515014	50.0	271311.0	2.303003	Y
4	STD20 460-972799/6	20.0	45.857501	50.0	275160.0	2.292875	Y
5	STD50 460-972799/7	50.0	112.828261	50.0	280950.0	2.256565	Y
6	STD200 460-972799/22	200.0	428.444906	50.0	296220.0	2.142225	Y
7	STD500 460-972799/23	500.0	1059.443803	50.0	298132.0	2.118888	Y



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Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

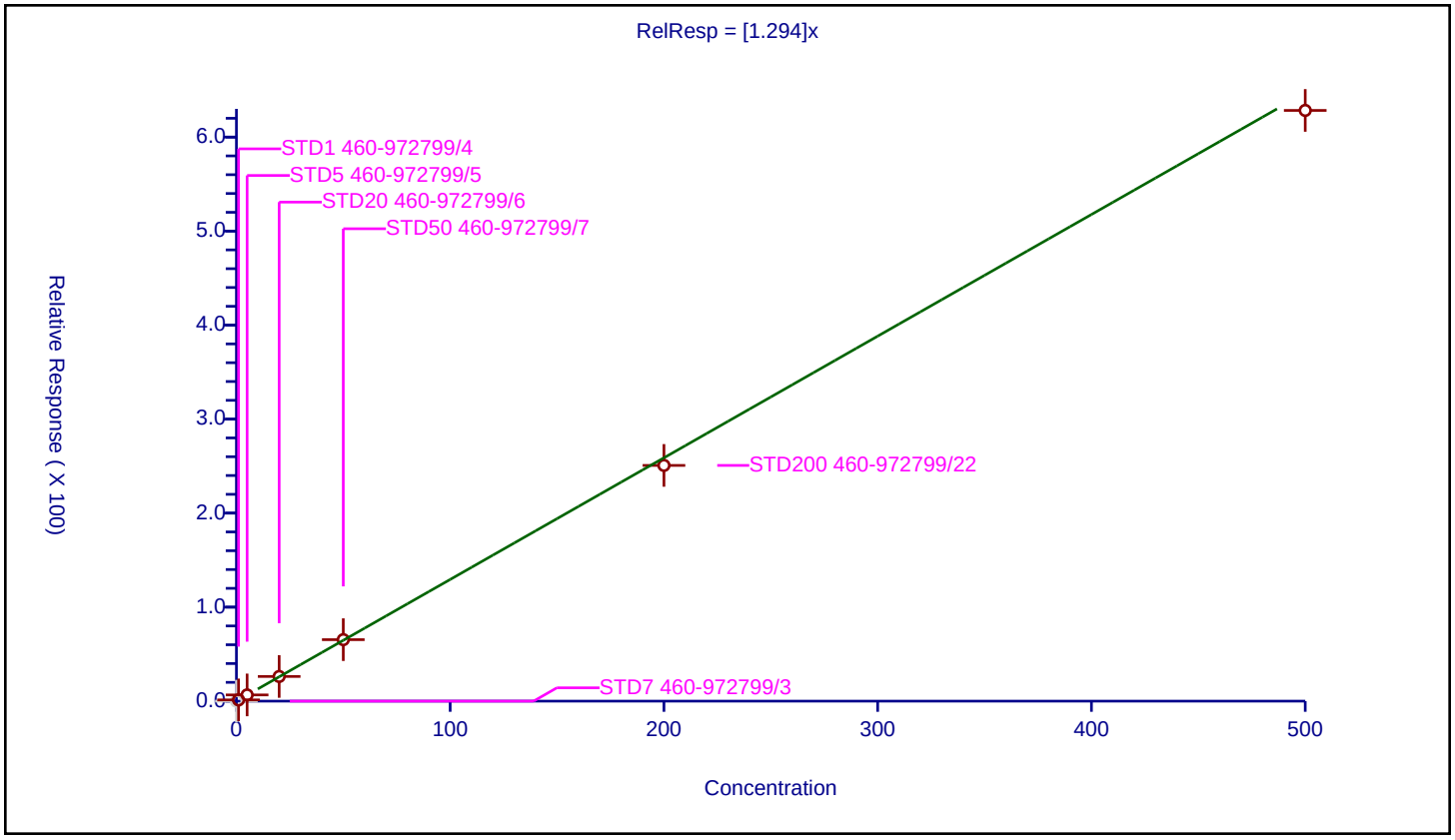
Curve Coefficients

Intercept:	0
Slope:	1.294

Error Coefficients

Relative Standard Deviation:	2.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	50.0	270122.0	NaN	N
2	STD1 460-972799/4	1.0	1.311999	50.0	269741.0	1.311999	Y
3	STD5 460-972799/5	5.0	6.612522	50.0	271311.0	1.322504	Y
4	STD20 460-972799/6	20.0	26.235826	50.0	275160.0	1.311791	Y
5	STD50 460-972799/7	50.0	65.416978	50.0	280950.0	1.30834	Y
6	STD200 460-972799/22	200.0	250.752312	50.0	296220.0	1.253762	Y
7	STD500 460-972799/23	500.0	628.347678	50.0	298132.0	1.256695	Y



Calibration / 1,2,3-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

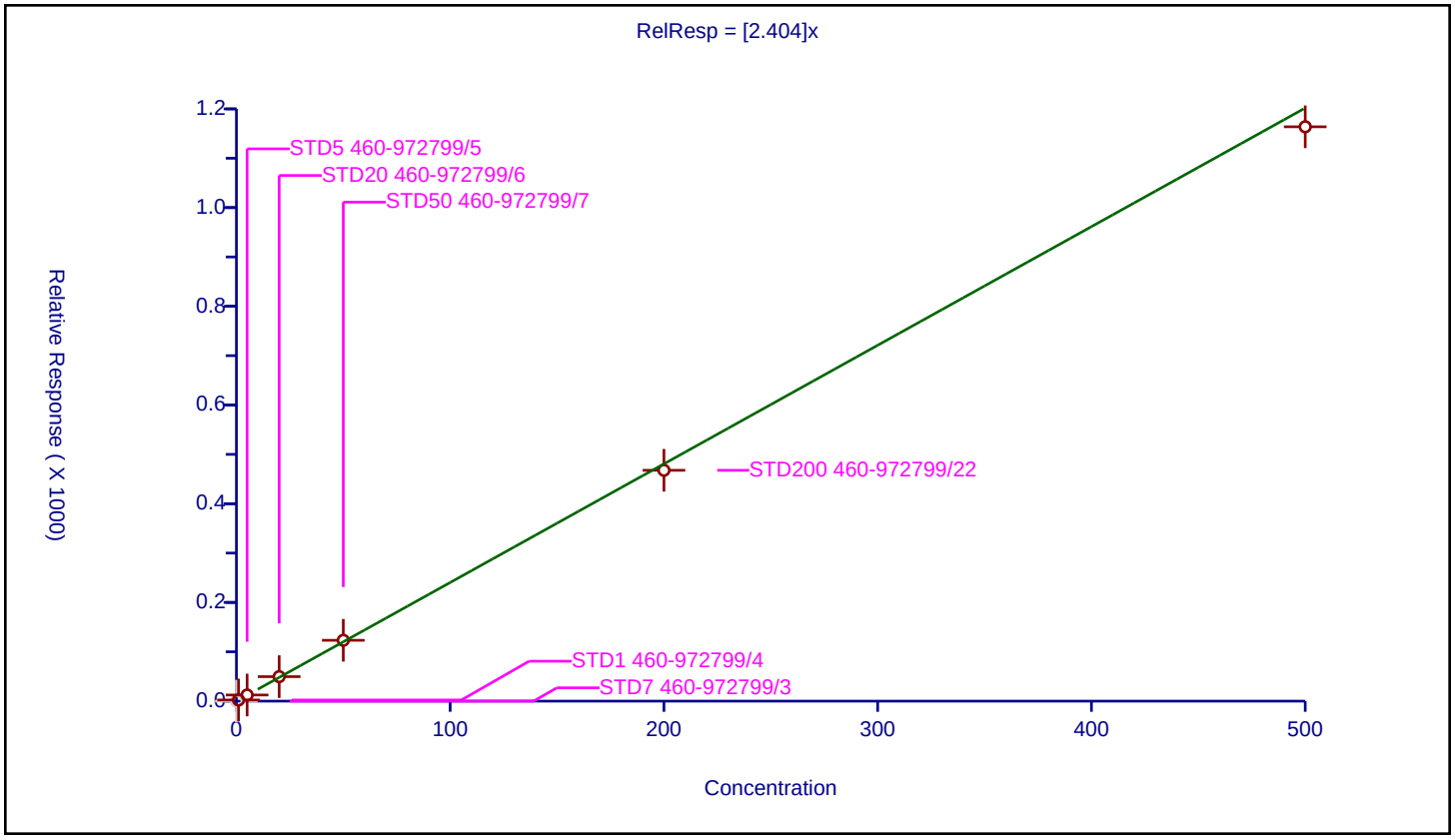
Curve Coefficients

Intercept:	0
Slope:	2.404

Error Coefficients

Relative Standard Deviation:	3.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	50.0	270122.0	NaN	N
2	STD1 460-972799/4	1.0	2.323896	50.0	269741.0	2.323896	Y
3	STD5 460-972799/5	5.0	12.420064	50.0	271311.0	2.484013	Y
4	STD20 460-972799/6	20.0	49.636757	50.0	275160.0	2.481838	Y
5	STD50 460-972799/7	50.0	123.269087	50.0	280950.0	2.465382	Y
6	STD200 460-972799/22	200.0	467.743738	50.0	296220.0	2.338719	Y
7	STD500 460-972799/23	500.0	1163.751795	50.0	298132.0	2.327504	Y



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Calibration / 2,3-Dihydroindene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

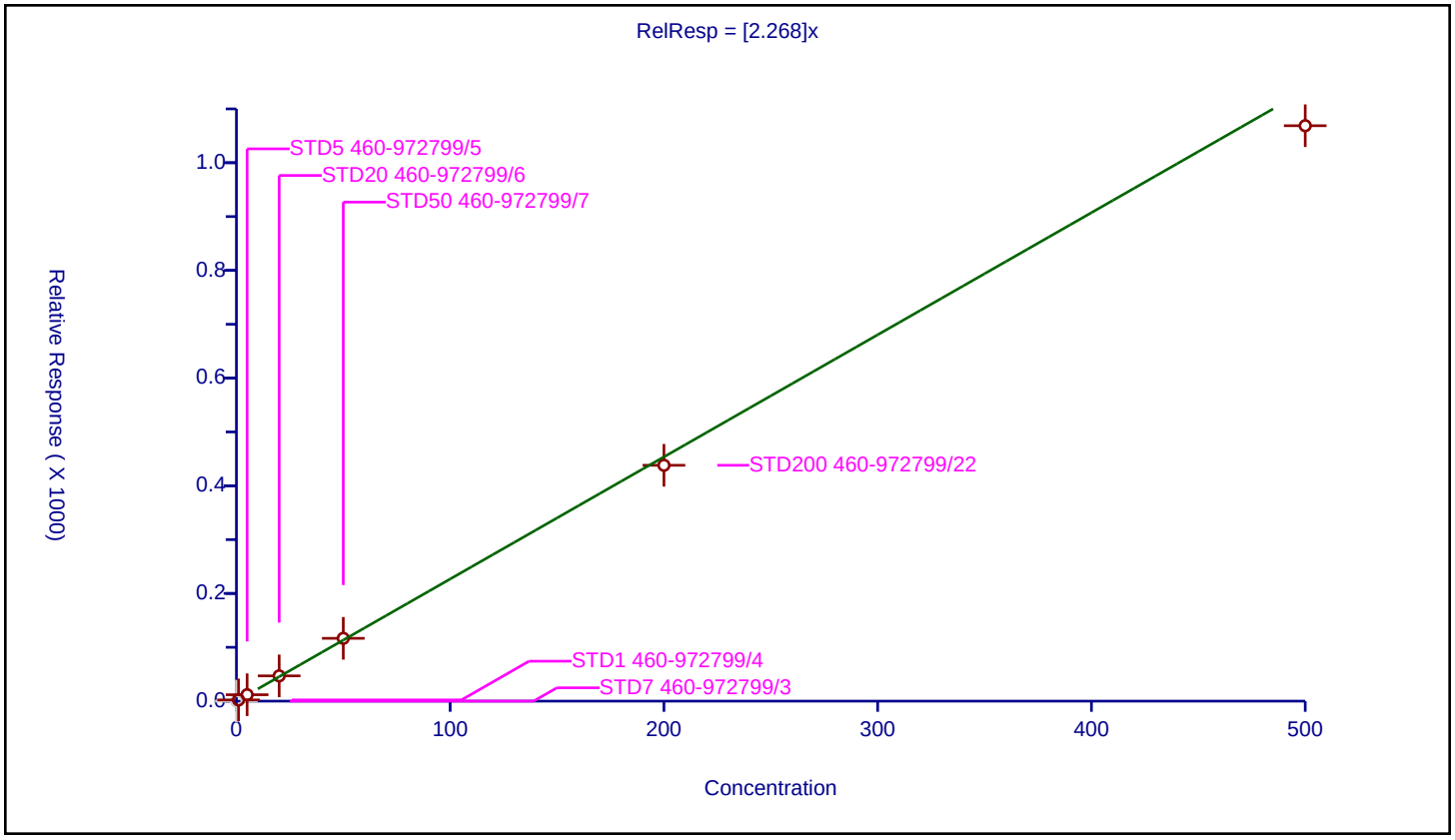
Curve Coefficients

Intercept:	0
Slope:	2.268

Error Coefficients

Relative Standard Deviation:	4.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	50.0	270122.0	NaN	N
2	STD1 460-972799/4	1.0	2.226766	50.0	269741.0	2.226766	Y
3	STD5 460-972799/5	5.0	11.872353	50.0	271311.0	2.374471	Y
4	STD20 460-972799/6	20.0	46.923972	50.0	275160.0	2.346199	Y
5	STD50 460-972799/7	50.0	116.688735	50.0	280950.0	2.333775	Y
6	STD200 460-972799/22	200.0	438.076598	50.0	296220.0	2.190383	Y
7	STD500 460-972799/23	500.0	1068.740692	50.0	298132.0	2.137481	Y



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Calibration / Benzyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

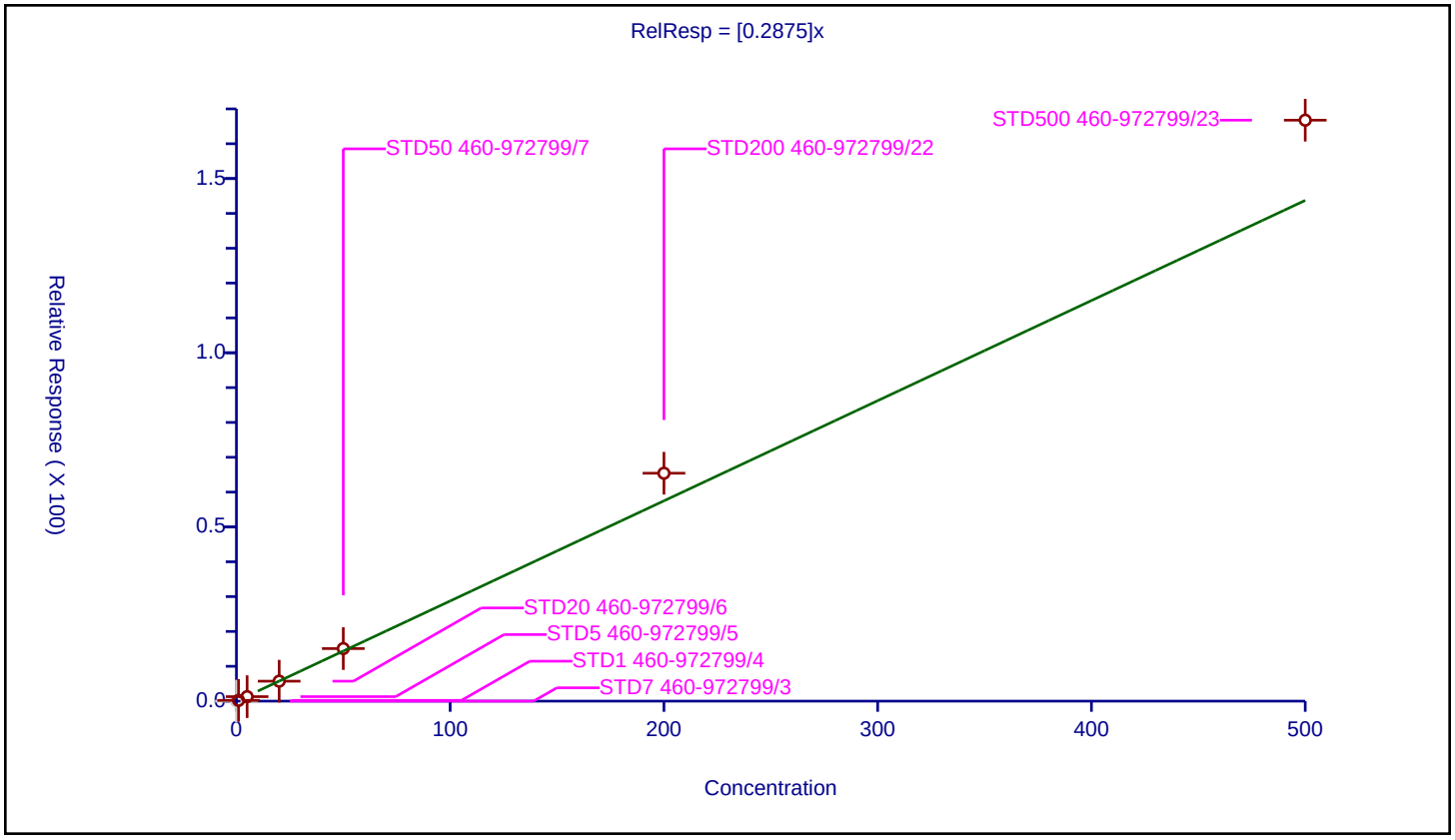
Curve Coefficients

Intercept:	0
Slope:	0.2875

Error Coefficients

Relative Standard Deviation:	15.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	50.0	270122.0	NaN	N
2	STD1 460-972799/4	1.0	0.218543	50.0	269741.0	0.218543	Y
3	STD5 460-972799/5	5.0	1.287452	50.0	271311.0	0.25749	Y
4	STD20 460-972799/6	20.0	5.727758	50.0	275160.0	0.286388	Y
5	STD50 460-972799/7	50.0	15.088628	50.0	280950.0	0.301773	Y
6	STD200 460-972799/22	200.0	65.420633	50.0	296220.0	0.327103	Y
7	STD500 460-972799/23	500.0	166.757342	50.0	298132.0	0.333515	Y



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Calibration / p-Diethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

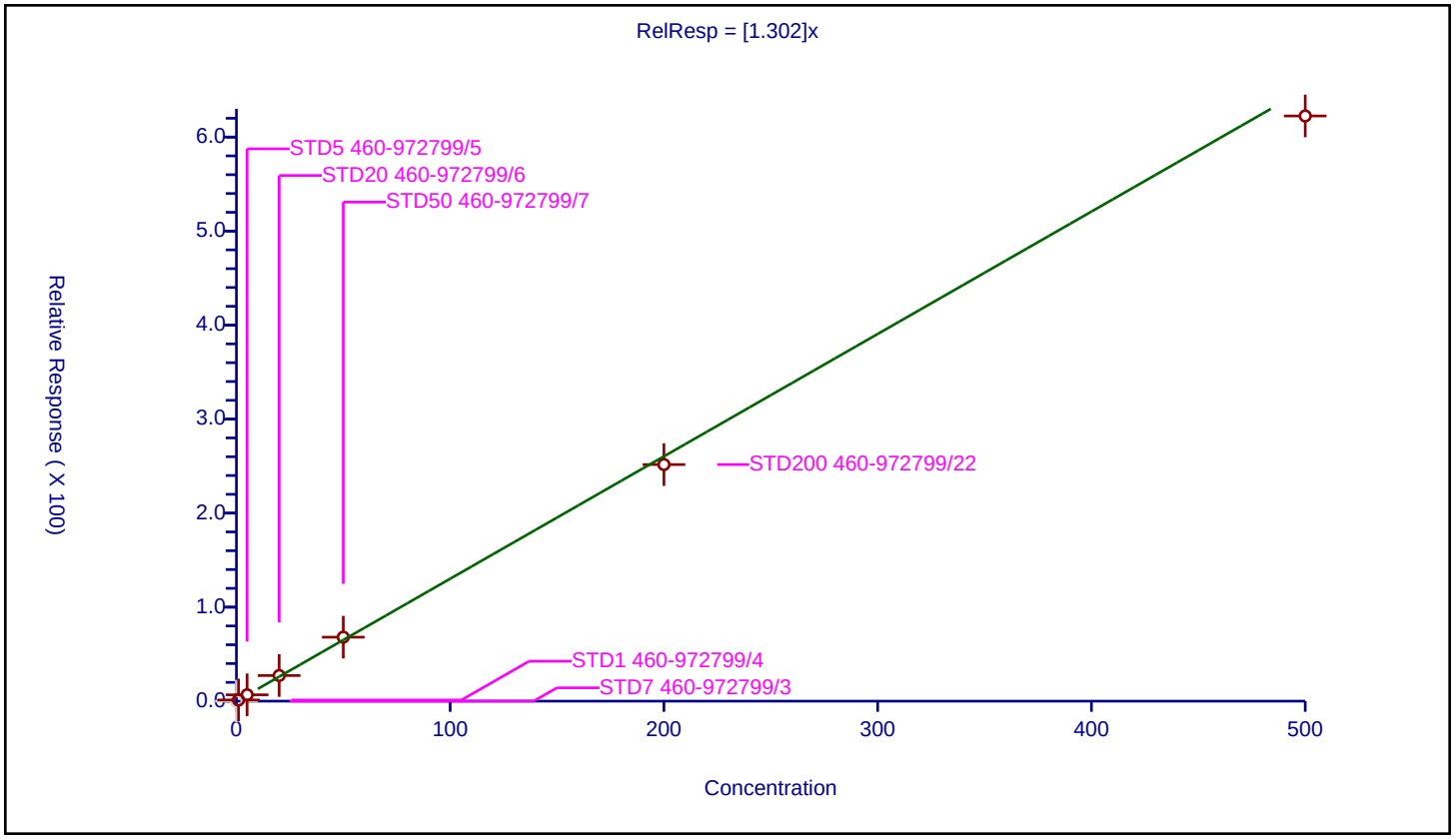
Curve Coefficients

Intercept:	0
Slope:	1.302

Error Coefficients

Relative Standard Deviation:	4.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	50.0	270122.0	NaN	N
2	STD1 460-972799/4	1.0	1.23322	50.0	269741.0	1.23322	Y
3	STD5 460-972799/5	5.0	6.759402	50.0	271311.0	1.35188	Y
4	STD20 460-972799/6	20.0	27.247238	50.0	275160.0	1.362362	Y
5	STD50 460-972799/7	50.0	68.04289	50.0	280950.0	1.360858	Y
6	STD200 460-972799/22	200.0	251.658227	50.0	296220.0	1.258291	Y
7	STD500 460-972799/23	500.0	622.470416	50.0	298132.0	1.244941	Y



Calibration / n-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

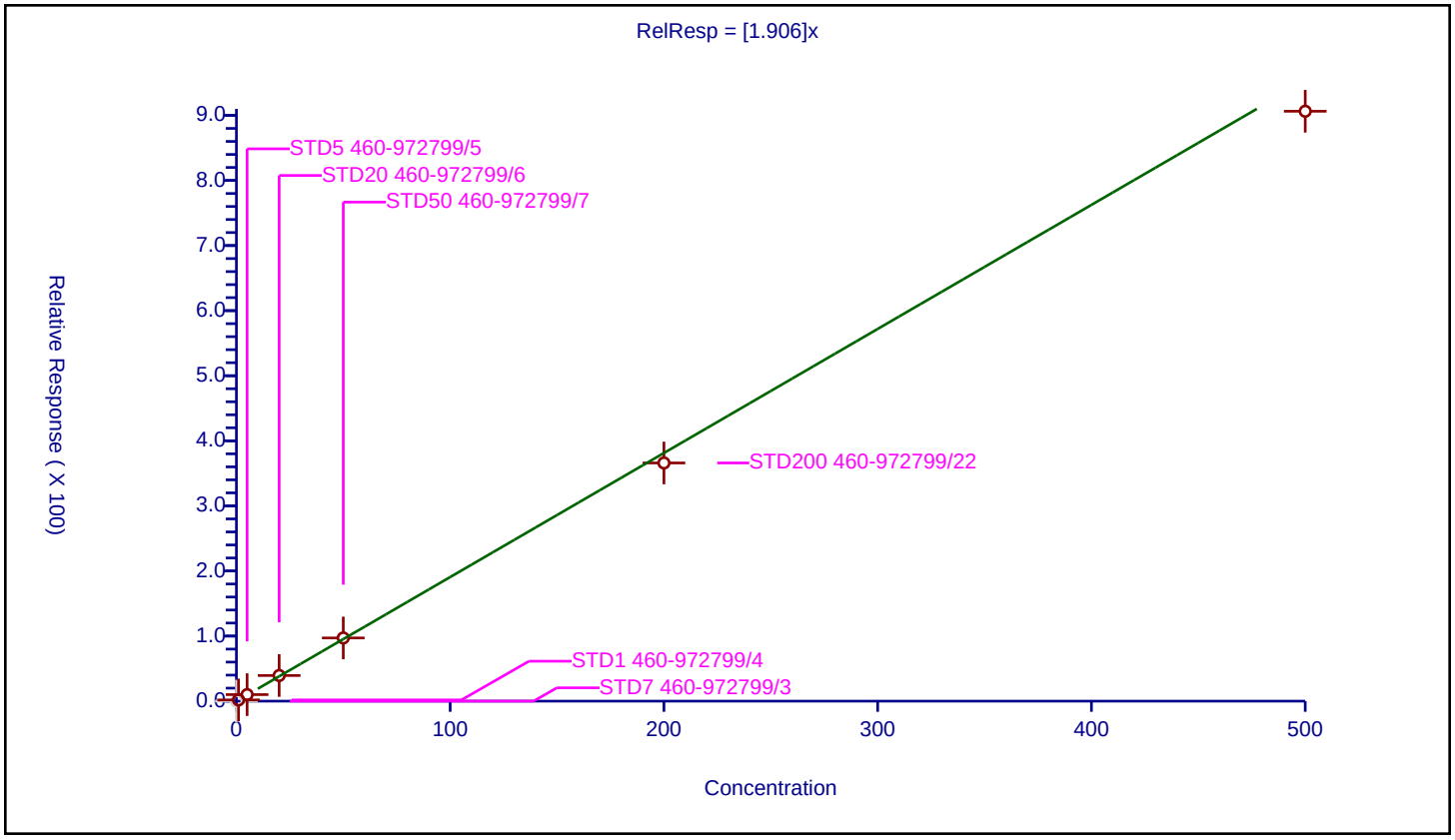
Curve Coefficients

Intercept:	0
Slope:	1.906

Error Coefficients

Relative Standard Deviation:	4.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	50.0	270122.0	NaN	N
2	STD1 460-972799/4	1.0	1.871425	50.0	269741.0	1.871425	Y
3	STD5 460-972799/5	5.0	10.060963	50.0	271311.0	2.012193	Y
4	STD20 460-972799/6	20.0	39.393444	50.0	275160.0	1.969672	Y
5	STD50 460-972799/7	50.0	97.095925	50.0	280950.0	1.941918	Y
6	STD200 460-972799/22	200.0	365.943555	50.0	296220.0	1.829718	Y
7	STD500 460-972799/23	500.0	906.371842	50.0	298132.0	1.812744	Y



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Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

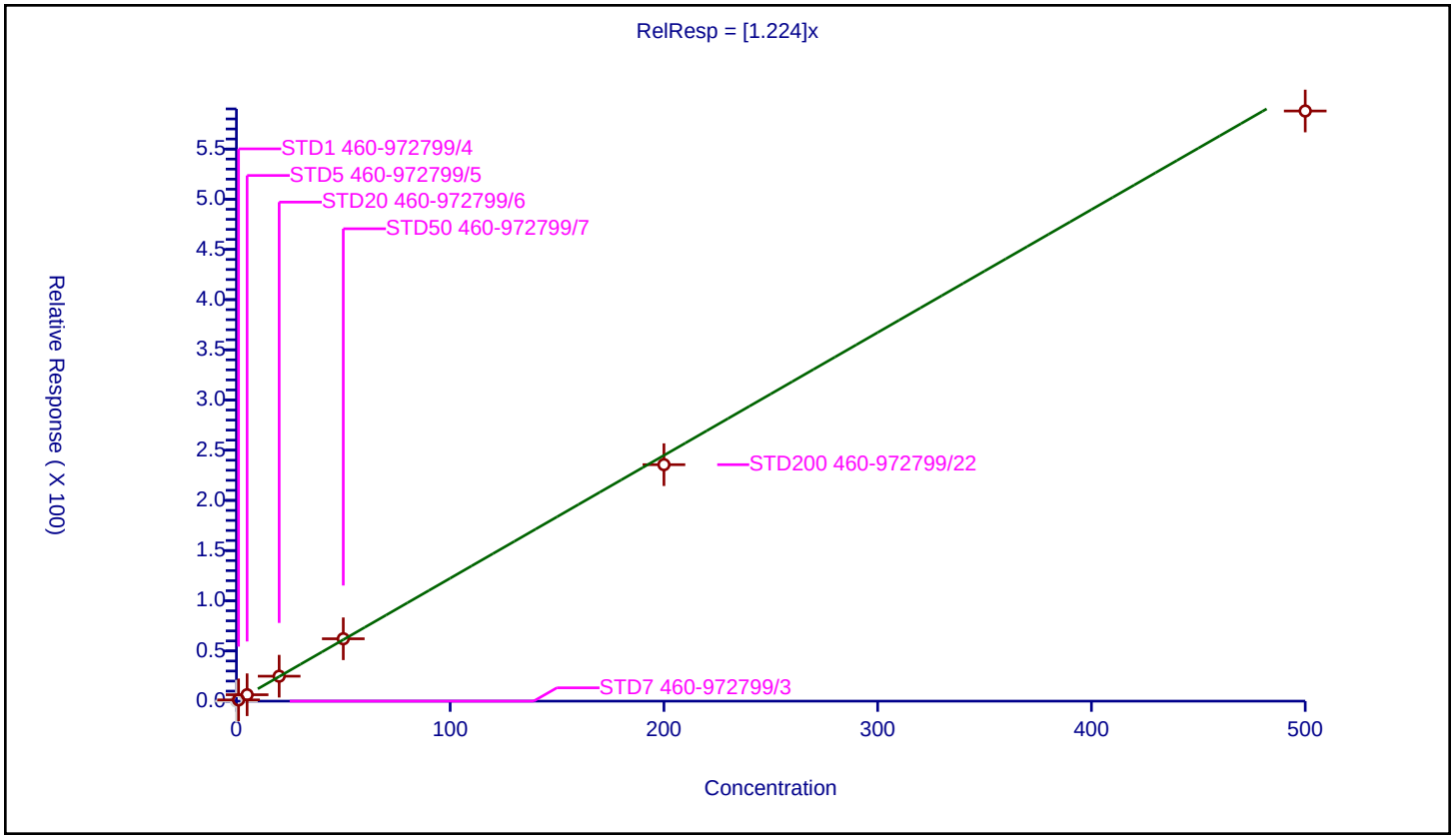
Curve Coefficients

Intercept:	0
Slope:	1.224

Error Coefficients

Relative Standard Deviation:	3.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	50.0	270122.0	NaN	N
2	STD1 460-972799/4	1.0	1.230996	50.0	269741.0	1.230996	Y
3	STD5 460-972799/5	5.0	6.376262	50.0	271311.0	1.275252	Y
4	STD20 460-972799/6	20.0	24.852086	50.0	275160.0	1.242604	Y
5	STD50 460-972799/7	50.0	62.120306	50.0	280950.0	1.242406	Y
6	STD200 460-972799/22	200.0	235.584194	50.0	296220.0	1.177921	Y
7	STD500 460-972799/23	500.0	587.904687	50.0	298132.0	1.175809	Y



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Calibration / 1,2,4,5-Tetramethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

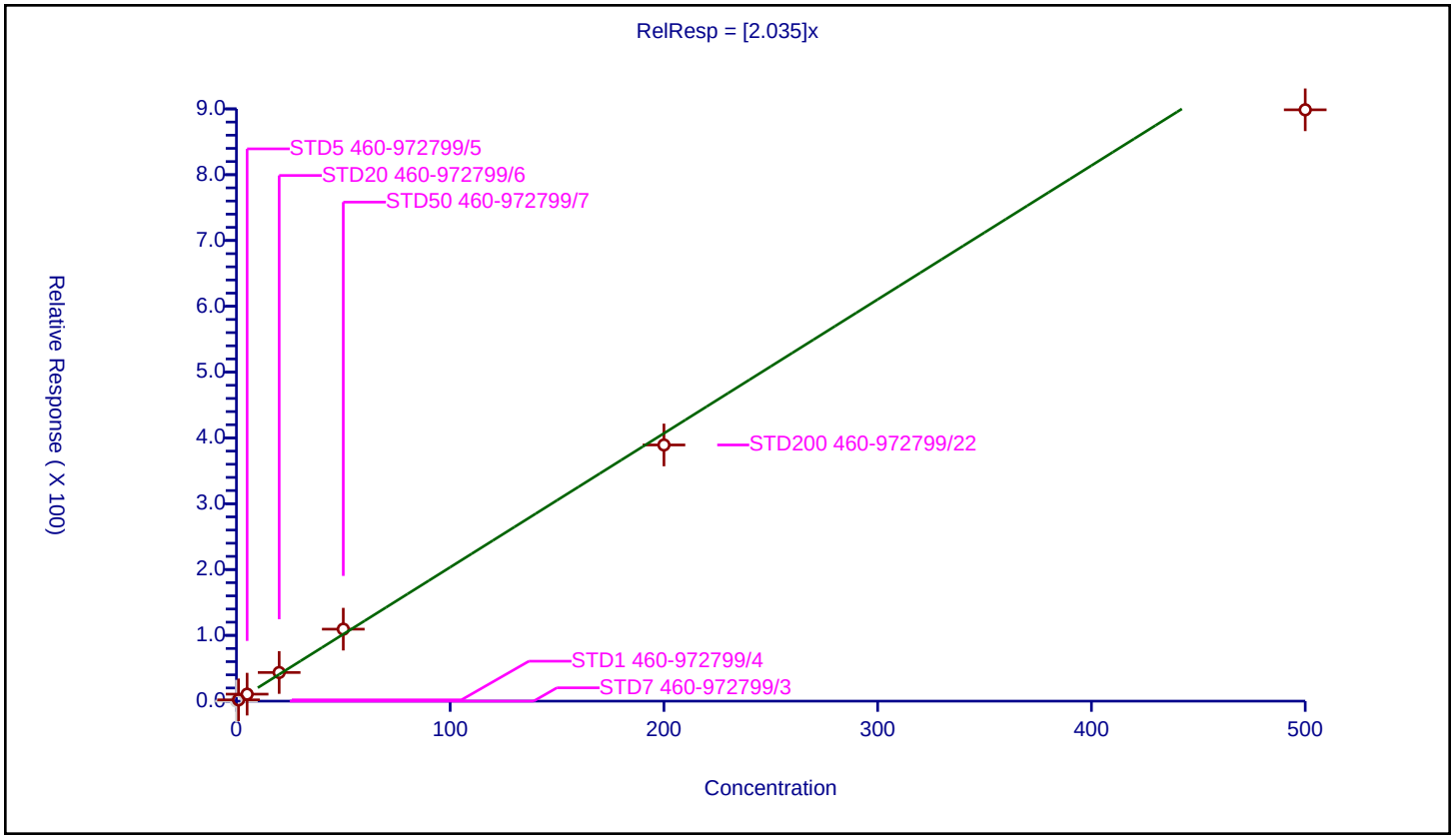
Curve Coefficients

Intercept:	0
Slope:	2.035

Error Coefficients

Relative Standard Deviation:	7.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	50.0	270122.0	NaN	N
2	STD1 460-972799/4	1.0	1.978379	50.0	269741.0	1.978379	Y
3	STD5 460-972799/5	5.0	10.611439	50.0	271311.0	2.122288	Y
4	STD20 460-972799/6	20.0	43.529219	50.0	275160.0	2.176461	Y
5	STD50 460-972799/7	50.0	109.391529	50.0	280950.0	2.187831	Y
6	STD200 460-972799/22	200.0	389.295625	50.0	296220.0	1.946478	Y
7	STD500 460-972799/23	500.0	898.61672	50.0	298132.0	1.797233	Y



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Calibration / 1,2-Dibromo-3-Chloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

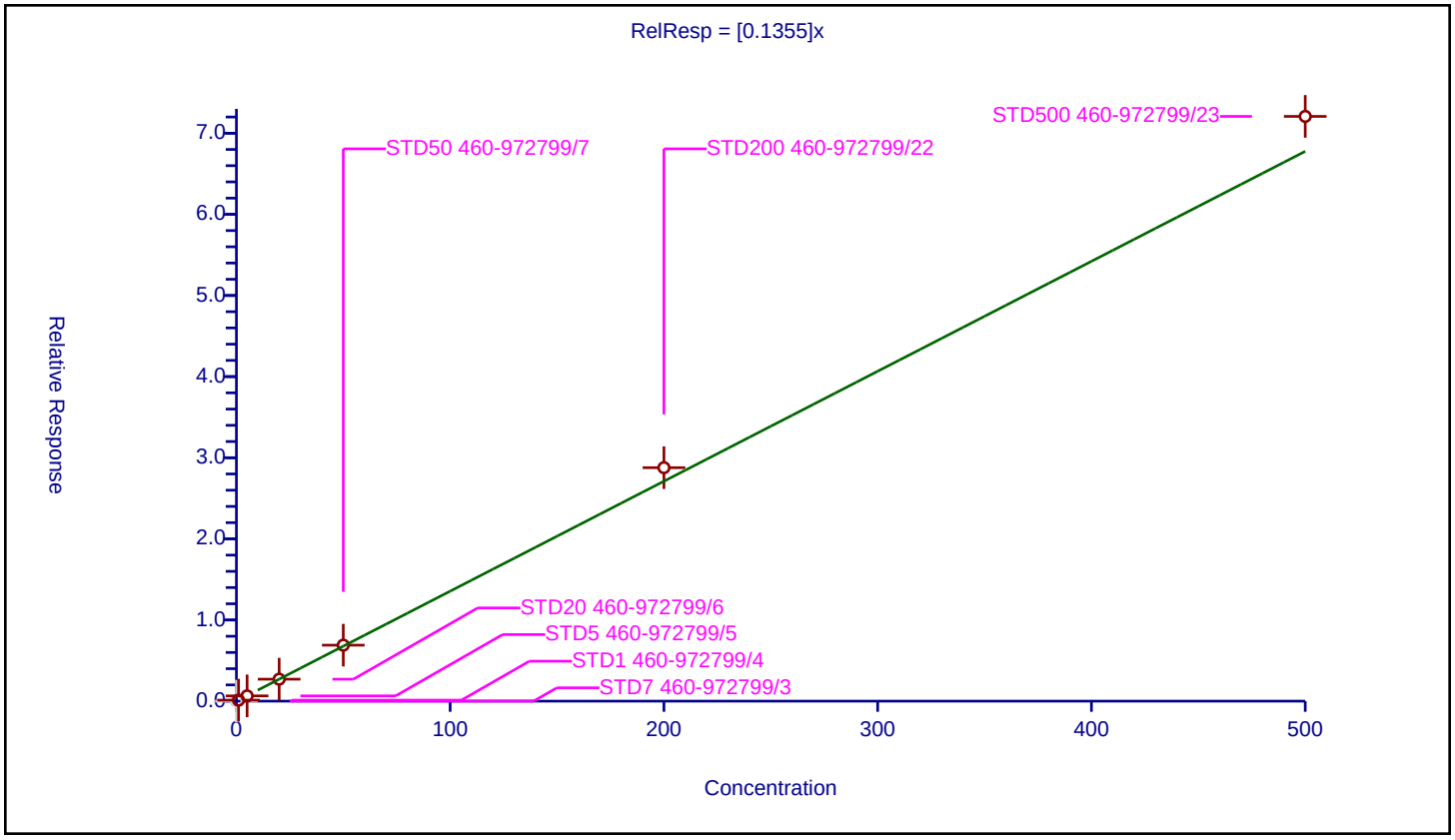
Curve Coefficients

Intercept:	0
Slope:	0.1355

Error Coefficients

Relative Standard Deviation:	6.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	50.0	270122.0	NaN	N
2	STD1 460-972799/4	1.0	0.122154	50.0	269741.0	0.122154	Y
3	STD5 460-972799/5	5.0	0.648886	50.0	271311.0	0.129777	Y
4	STD20 460-972799/6	20.0	2.705335	50.0	275160.0	0.135267	Y
5	STD50 460-972799/7	50.0	6.898203	50.0	280950.0	0.137964	Y
6	STD200 460-972799/22	200.0	28.775741	50.0	296220.0	0.143879	Y
7	STD500 460-972799/23	500.0	72.074283	50.0	298132.0	0.144149	Y



7/9/2024
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Calibration / 1,3,5-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

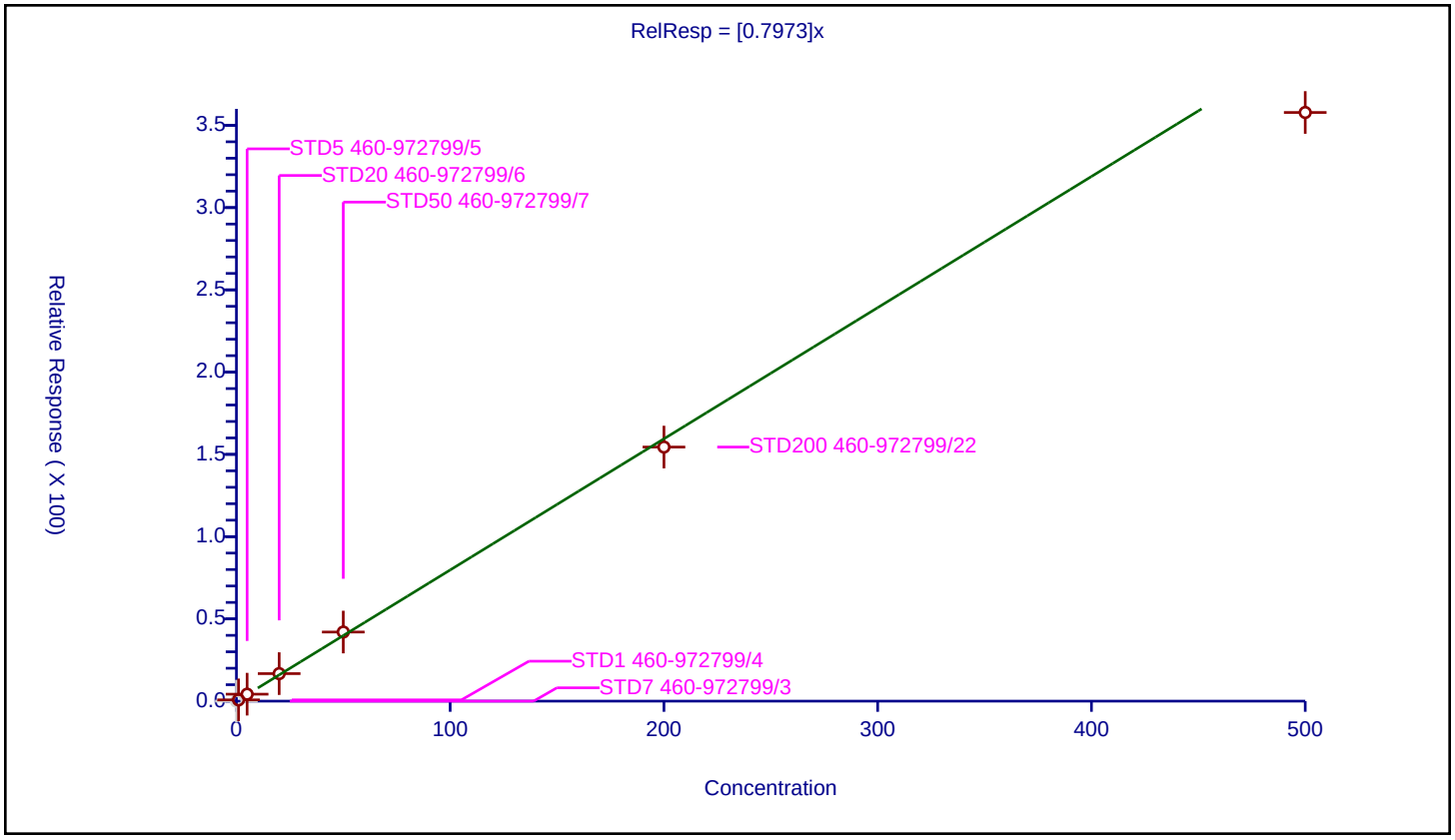
Curve Coefficients

Intercept:	0
Slope:	0.7973

Error Coefficients

Relative Standard Deviation:	6.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	50.0	270122.0	NaN	N
2	STD1 460-972799/4	1.0	0.772593	50.0	269741.0	0.772593	Y
3	STD5 460-972799/5	5.0	4.233518	50.0	271311.0	0.846704	Y
4	STD20 460-972799/6	20.0	16.726268	50.0	275160.0	0.836313	Y
5	STD50 460-972799/7	50.0	42.007297	50.0	280950.0	0.840146	Y
6	STD200 460-972799/22	200.0	154.446864	50.0	296220.0	0.772234	Y
7	STD500 460-972799/23	500.0	357.807112	50.0	298132.0	0.715614	Y



7/9/2024
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Calibration / 1,2,4-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

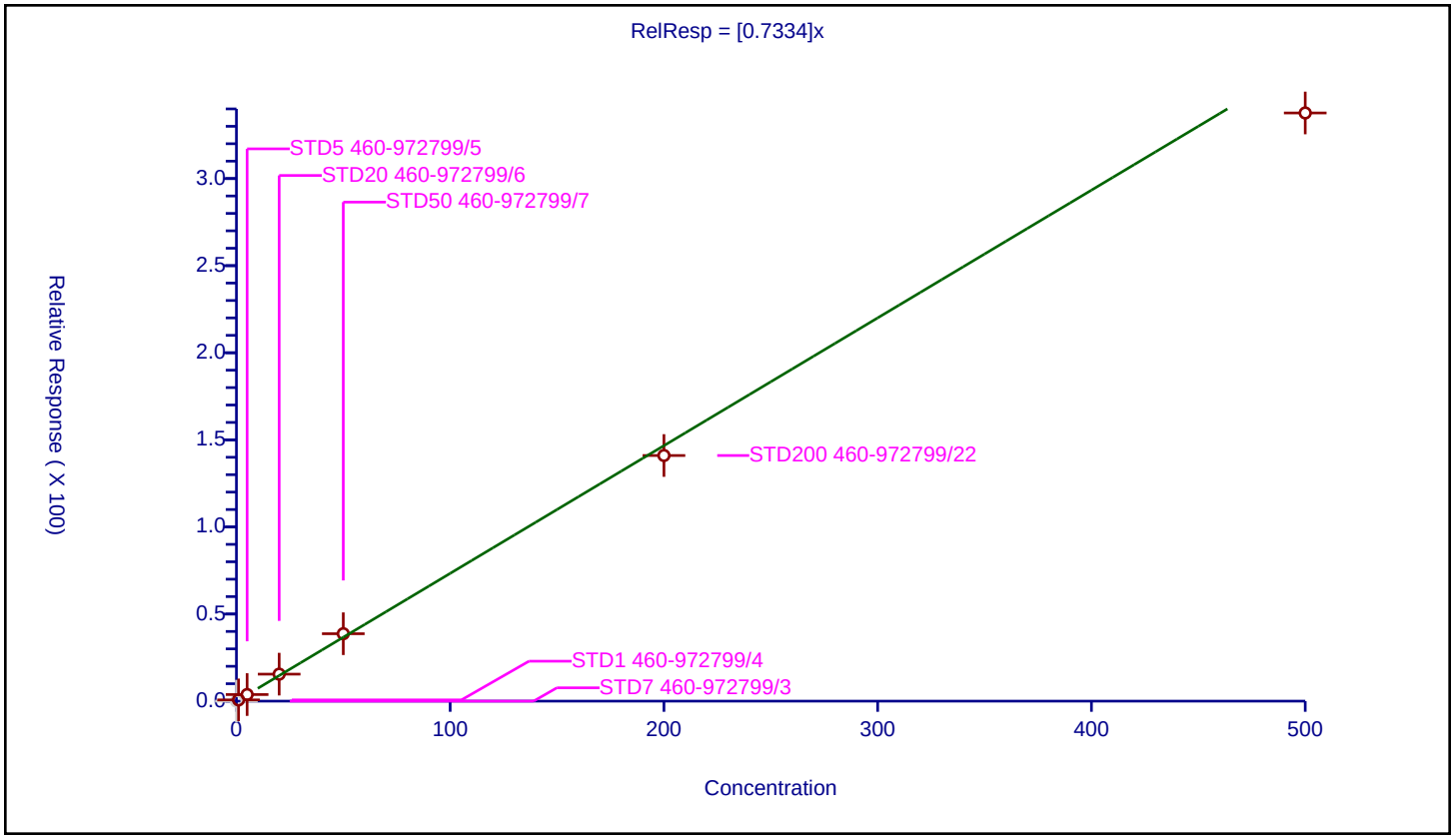
Curve Coefficients

Intercept:	0
Slope:	0.7334

Error Coefficients

Relative Standard Deviation:	5.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	50.0	270122.0	NaN	N
2	STD1 460-972799/4	1.0	0.714945	50.0	269741.0	0.714945	Y
3	STD5 460-972799/5	5.0	3.781638	50.0	271311.0	0.756328	Y
4	STD20 460-972799/6	20.0	15.49135	50.0	275160.0	0.774568	Y
5	STD50 460-972799/7	50.0	38.702616	50.0	280950.0	0.774052	Y
6	STD200 460-972799/22	200.0	141.013436	50.0	296220.0	0.705067	Y
7	STD500 460-972799/23	500.0	337.657313	50.0	298132.0	0.675315	Y



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Calibration / Hexachlorobutadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

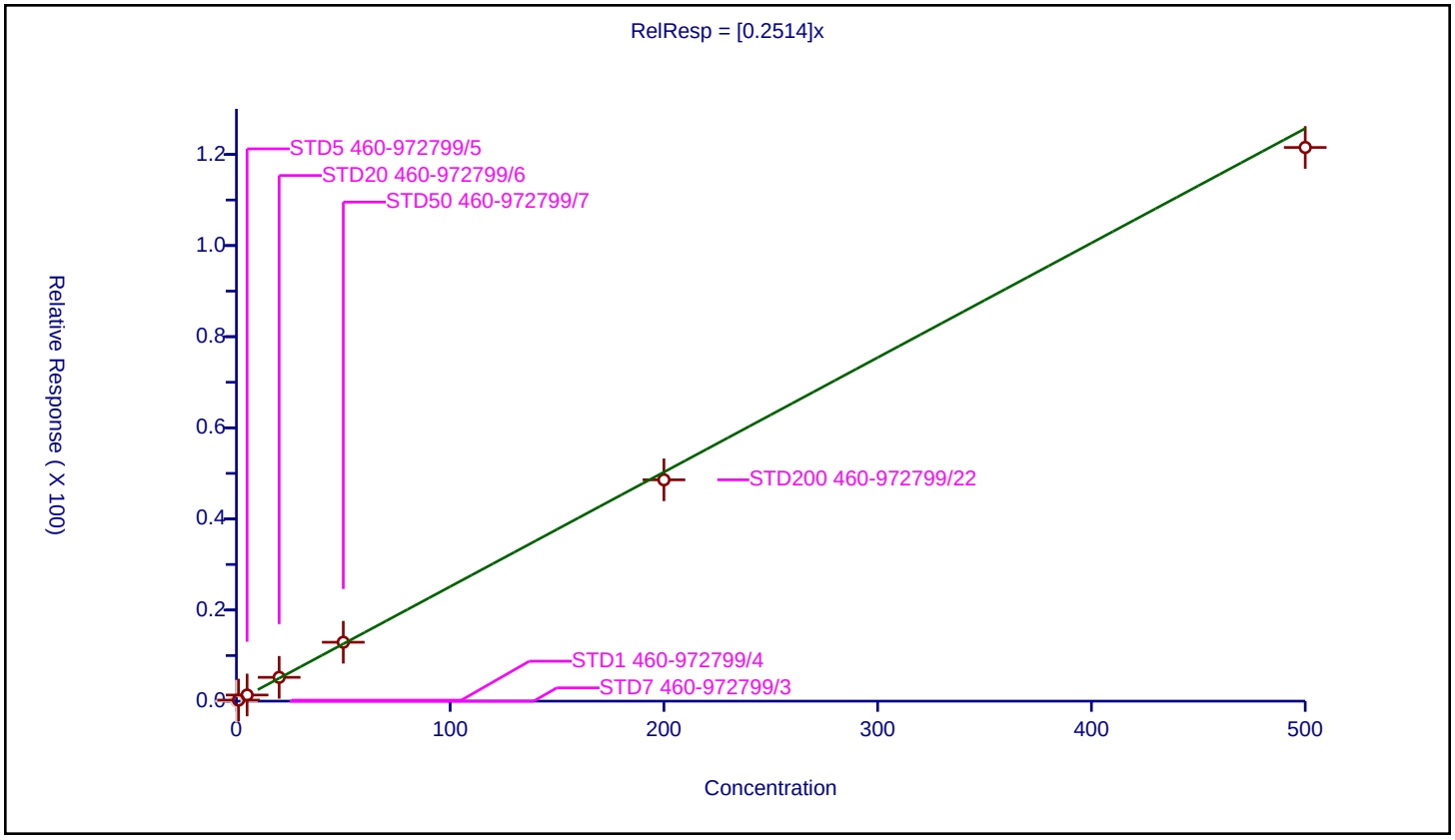
Curve Coefficients

Intercept:	0
Slope:	0.2514

Error Coefficients

Relative Standard Deviation:	5.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	50.0	270122.0	NaN	N
2	STD1 460-972799/4	1.0	0.233187	50.0	269741.0	0.233187	Y
3	STD5 460-972799/5	5.0	1.3479	50.0	271311.0	0.26958	Y
4	STD20 460-972799/6	20.0	5.222779	50.0	275160.0	0.261139	Y
5	STD50 460-972799/7	50.0	12.926143	50.0	280950.0	0.258523	Y
6	STD200 460-972799/22	200.0	48.57859	50.0	296220.0	0.242893	Y
7	STD500 460-972799/23	500.0	121.537104	50.0	298132.0	0.243074	Y



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Calibration / Naphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

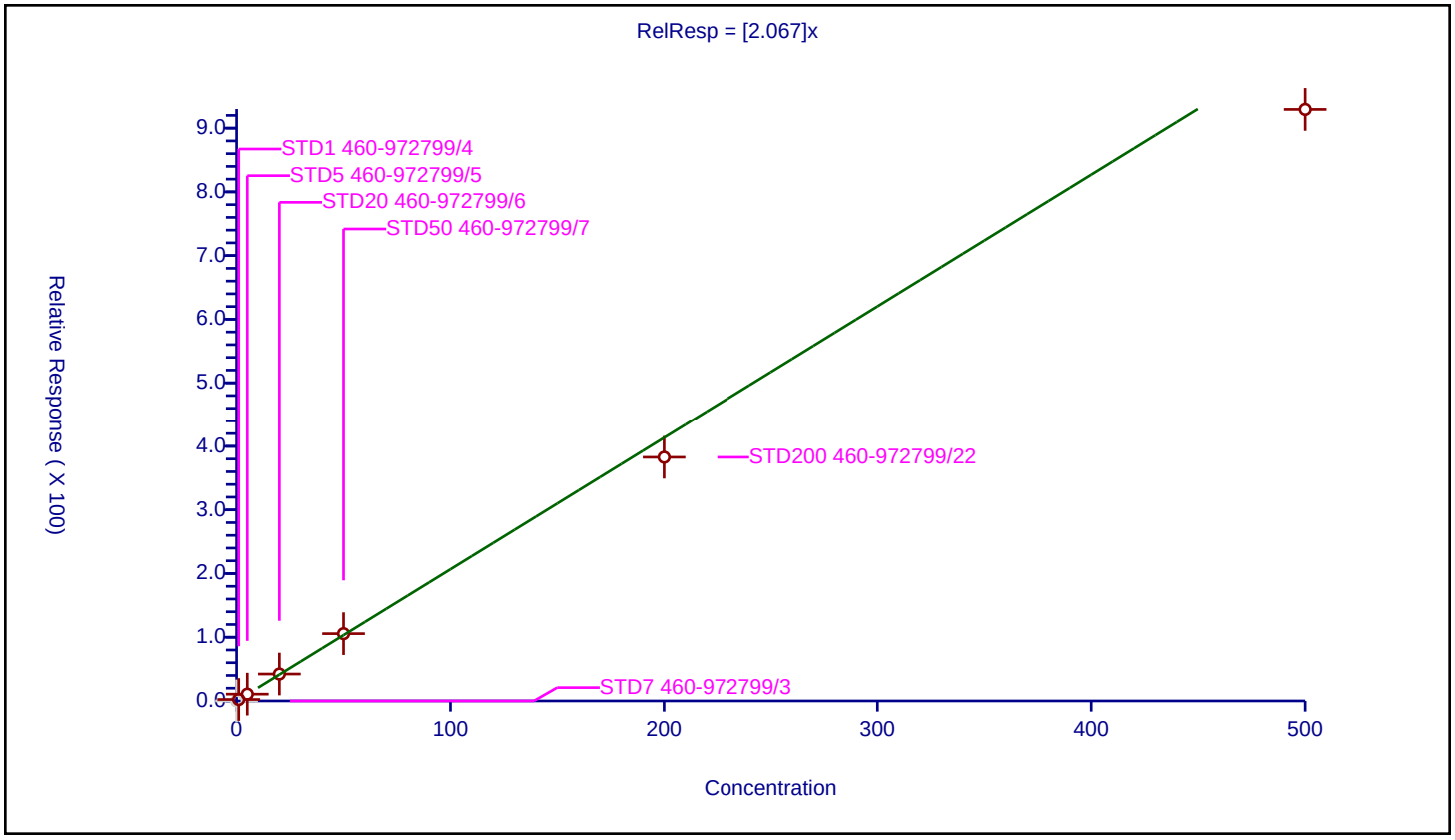
Curve Coefficients

Intercept:	0
Slope:	2.067

Error Coefficients

Relative Standard Deviation:	7.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	50.0	270122.0	NaN	N
2	STD1 460-972799/4	1.0	2.268102	50.0	269741.0	2.268102	Y
3	STD5 460-972799/5	5.0	10.687735	50.0	271311.0	2.137547	Y
4	STD20 460-972799/6	20.0	42.273768	50.0	275160.0	2.113688	Y
5	STD50 460-972799/7	50.0	105.645133	50.0	280950.0	2.112903	Y
6	STD200 460-972799/22	200.0	382.741375	50.0	296220.0	1.913707	Y
7	STD500 460-972799/23	500.0	929.368535	50.0	298132.0	1.858737	Y



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Calibration / 1,2,3-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

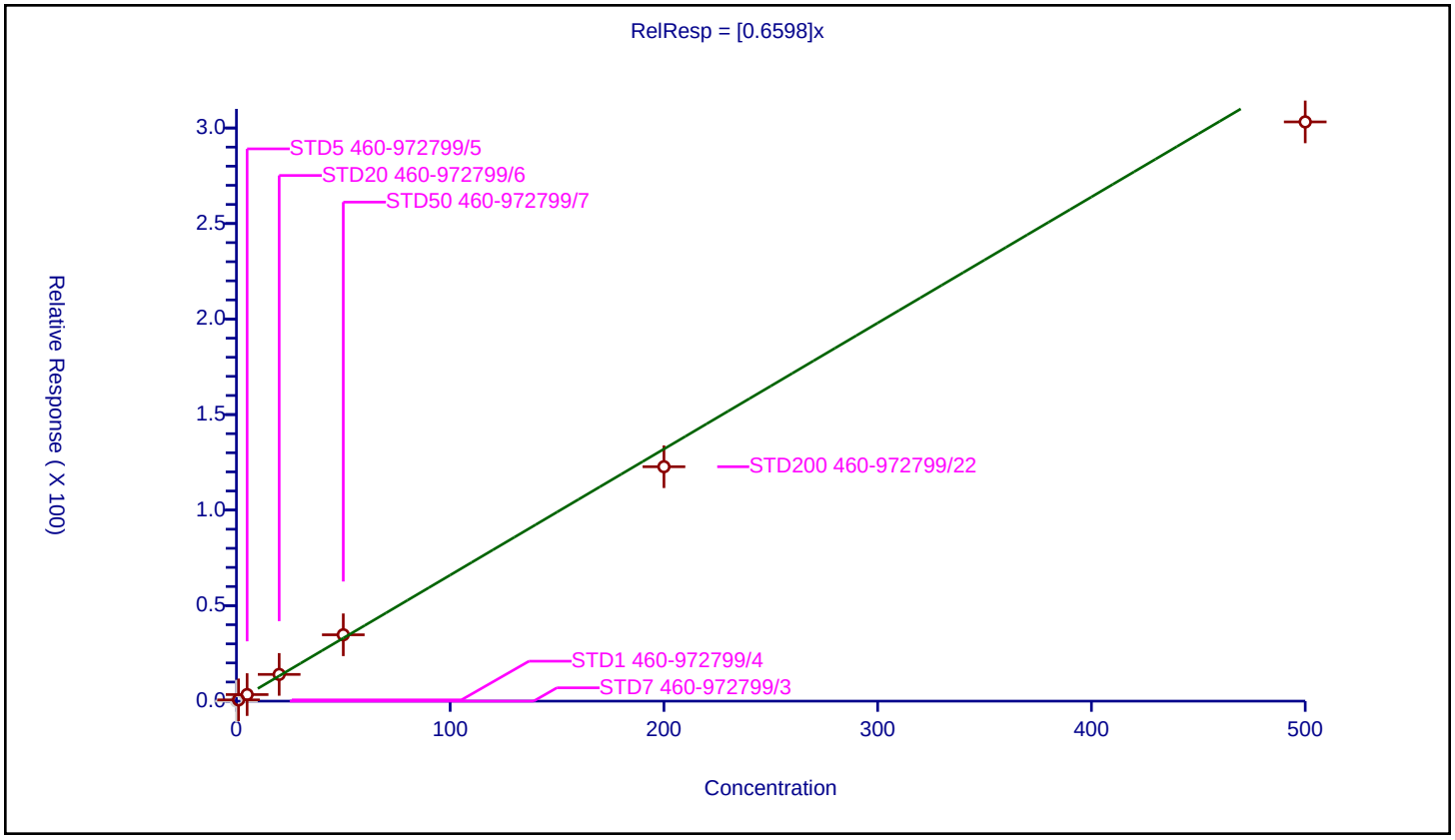
Curve Coefficients

Intercept:	0
Slope:	0.6598

Error Coefficients

Relative Standard Deviation:	6.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD7 460-972799/3	0.0	0.0	50.0	270122.0	NaN	N
2	STD1 460-972799/4	1.0	0.656556	50.0	269741.0	0.656556	Y
3	STD5 460-972799/5	5.0	3.44236	50.0	271311.0	0.688472	Y
4	STD20 460-972799/6	20.0	13.985499	50.0	275160.0	0.699275	Y
5	STD50 460-972799/7	50.0	34.72771	50.0	280950.0	0.694554	Y
6	STD200 460-972799/22	200.0	122.702721	50.0	296220.0	0.613514	Y
7	STD500 460-972799/23	500.0	303.193049	50.0	298132.0	0.606386	Y



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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-303245-1 Analy Batch No.: 969539

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 04/15/2024 07:45 Calibration End Date: 04/15/2024 13:11 Calibration ID: 96703

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-969539/16	B13392.D
Level 2	STD5 460-969539/17	B13393.D
Level 3	STD20 460-969539/18	B13394.D
Level 4	STD50 460-969539/19	B13395.D
Level 5	STD200 460-969539/7	B13383.D
Level 6	STD500 460-969539/8	B13384.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dichlorodifluoromethane	0.3067 0.3277	0.3446	0.3554	0.3536	0.3578	Ave		0.3410			0.1000	5.9		20.0			
Chlorodifluoromethane	0.0653 0.0404	0.0573	0.0491	0.0483	0.0423	Ave		0.0504				18.6		20.0			
Chloromethane	0.2688 0.2275	0.3217	0.2694	0.2430	0.2433	Ave		0.2623			0.1000	12.7		20.0			
Butadiene	0.1413 0.1801	0.1647	0.1891	0.1753	0.1915	Ave		0.1737				10.7		20.0			
Vinyl chloride	0.2738 0.2406	0.2560	0.2667	0.2527	0.2587	Ave		0.2581			0.1000	4.4		20.0			
Bromomethane	0.2270 0.1887	0.2061	0.2142	0.1968	0.2037	Ave		0.2061			0.1000	6.5		20.0			
Chloroethane	0.1454 0.1295	0.1497	0.1539	0.1436	0.1451	Ave		0.1445			0.1000	5.7		20.0			
Dichlorofluoromethane	0.1183 0.3501	0.1668	0.1940	0.2250	0.3314	QuaF		0.3025	0.0000962						0.9990		0.9900
Trichlorofluoromethane	0.1591 0.2603	0.1919	0.2123	0.2184	0.2644	Ave		0.2177			0.1000	18.5		20.0			
Pentane	0.3053 0.2496	0.3165	0.2727	0.2652	0.2711	Ave		0.2801				9.1		20.0			
Ethyl ether	0.2611 0.1639	0.2153	0.1851	0.1858	0.1744	Ave		0.1976				18.0		20.0			
Ethanol	+++++ 0.0387	0.0165	0.0335	0.0329	0.0349	Ave		0.0313				27.4	*	20.0			
2-Methyl-1,3-butadiene	0.2282 0.1783	0.2353	0.2215	0.2016	0.1955	Ave		0.2101				10.4		20.0			
1,2-Dichloro-1,1,2-trifluoroethane	0.3194 0.2199	0.3046	0.2592	0.2502	0.2342	Ave		0.2646				14.9		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-303245-1 Analy Batch No.: 969539

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 04/15/2024 07:45 Calibration End Date: 04/15/2024 13:11 Calibration ID: 96703

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,1,1-Trifluoro-2,2-dichloroethane	0.4785 0.3345	0.4856	0.3799	0.3737	0.3495	Ave		0.4003				16.4		20.0			
Acrolein	0.8596 1.0395	0.9175	0.8011	0.8161	0.8845	Ave		0.8864				9.8		20.0			
1,1-Dichloroethene	0.2814 0.2321	0.2917	0.2516	0.2627	0.2472	Ave		0.2611			0.1000	8.5		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.2742 0.2454	0.2945	0.2652	0.2806	0.2685	Ave		0.2714			0.1000	6.0		20.0			
Acetone	1.0361 0.7855	0.6251	0.7148	0.6998	0.7457	Ave		0.7678			0.0500	18.5		20.0			
Iodomethane	0.5594 0.5098	0.6130	0.5347	0.5441	0.5203	Ave		0.5469				6.7		20.0			
Carbon disulfide	0.9644 0.8898	1.0952	0.9656	0.9504	0.9153	Ave		0.9634			0.1000	7.4		20.0			
Isopropyl alcohol	0.3580 0.4026	0.3258	0.3286	0.3387	0.3309	Ave		0.3474				8.5		20.0			
3-Chloro-1-propene	0.2112 0.3505	0.3306	0.2780	0.3009	0.2733	Ave		0.2907				16.9		20.0			
Acetonitrile	0.2063 0.3520	0.2803	0.2859	0.2722	0.3213	Ave		0.2863				17.2		20.0			
Methyl acetate	0.2769 0.1646	0.2452	0.2143	0.2161	0.1935	Ave		0.2184			0.1000	17.9		20.0			
Methylene Chloride	0.4181 0.2894	0.3782	0.3262	0.3163	0.3023	Ave		0.3384			0.1000	14.6		20.0			
2-Methyl-2-propanol	1.0744 1.0754	1.0027	0.9964	0.9910	1.0209	Ave		1.0268				3.8		20.0			
Acrylonitrile	3.0468 2.8468	2.6852	2.3618	2.4565	2.5753	Ave		2.6621				9.5		20.0			
trans-1,2-Dichloroethene	0.3376 0.2720	0.3570	0.3036	0.2979	0.2840	Ave		0.3087			0.1000	10.5		20.0			
MTBE	0.8431 0.6967	0.8667	0.8339	0.8237	0.7647	Ave		0.8048			0.1000	7.8		20.0			
Hexane	0.3656 0.3457	0.4006	0.3598	0.3600	0.3555	Ave		0.3645				5.2		20.0			
1,1-Dichloroethane	0.5239 0.4388	0.5465	0.4698	0.4696	0.4549	Ave		0.4839			0.2000	8.7		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-303245-1 Analy Batch No.: 969539

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 04/15/2024 07:45 Calibration End Date: 04/15/2024 13:11 Calibration ID: 96703

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Vinyl acetate	0.4117 0.5207	0.5334	0.4928	0.4760	0.5005	Ave		0.4892				8.8		20.0			
2-Chloro-1,3-butadiene	0.2406 0.2333	0.2644	0.2476	0.2494	0.2521	Ave		0.2479				4.3		20.0			
Isopropyl ether	0.7380 0.6608	0.7638	0.7026	0.7113	0.7128	Ave		0.7149				4.9		20.0			
Tert-butyl ethyl ether	0.3215 0.3058	0.3483	0.3311	0.3369	0.3324	Ave		0.3293				4.4		20.0			
cis-1,2-Dichloroethene	0.3487 0.3061	0.3703	0.3319	0.3265	0.3163	Ave		0.3333			0.1000	6.9		20.0			
2,2-Dichloropropane	0.1190 0.1041	0.1473	0.1202	0.1158	0.1121	Ave		0.1197				12.3		20.0			
2-Butanone (MEK)	0.2952 0.3412	0.3379	0.3151	0.3214	0.3303	Ave		0.3235			0.0500	5.2		20.0			
Propionitrile	0.3783 0.3466	0.3989	0.3696	0.3536	0.3491	Ave		0.3660				5.5		20.0			
Ethyl acetate	1.7502 2.2133	1.9934	1.8027	2.4368	2.3849	Ave		2.0969				14.0		20.0			
Methyl acrylate	0.2567 0.2407	0.2887	0.2942	0.2939	0.2882	Ave		0.2771				8.2		20.0			
Chlorobromomethane	0.1766 0.1603	0.1884	0.1795	0.1778	0.1710	Ave		0.1756				5.3		20.0			
Methacrylonitrile	0.1012 0.0938	0.1151	0.1131	0.1132	0.1114	Ave		0.1080				7.9		20.0			
Tetrahydrofuran	0.7649 0.8416	1.0276	0.9120	0.8861	0.8661	Ave		0.8830				9.8		20.0			
Chloroform	0.5681 0.4697	0.5820	0.4989	0.4978	0.4867	Ave		0.5172			0.2000	8.9		20.0			
1,1,1-Trichloroethane	0.4252 0.3895	0.4789	0.4126	0.4097	0.4076	Ave		0.4206			0.1000	7.3		20.0			
Cyclohexane	0.4307 0.4106	0.4757	0.4230	0.4219	0.4251	Ave		0.4312			0.1000	5.3		20.0			
1,1-Dichloropropene	0.3811 0.3463	0.3932	0.3540	0.3560	0.3541	Ave		0.3641				5.1		20.0			
Carbon tetrachloride	0.4054 0.3635	0.4423	0.3881	0.3785	0.3812	Ave		0.3932			0.1000	7.0		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-303245-1 Analy Batch No.: 969539

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 04/15/2024 07:45 Calibration End Date: 04/15/2024 13:11 Calibration ID: 96703

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Benzene	1.4094 1.1721	1.4434	1.2200	1.1941	1.1744	Ave		1.2689			0.5000	9.7		20.0			
1,2-Dichloroethane	0.3919 0.3175	0.3802	0.3421	0.3414	0.3352	Ave		0.3514			0.1000	8.1		20.0			
Isobutyl alcohol	0.1798 0.2072	0.2133	0.1803	0.1831	0.1821	Ave		0.1910				7.9		20.0			
Isopropyl acetate	0.0849 0.0862	0.0936	0.0993	0.1040	0.1024	Ave		0.0951				8.6		20.0			
Tert-amyl methyl ether	0.8042 0.8115	0.9406	0.9593	0.9593	0.9359	Ave		0.9018				8.1		20.0			
n-Heptane	0.3521 0.3186	0.3588	0.3237	0.3194	0.3261	Ave		0.3331				5.3		20.0			
Trichloroethene	0.3019 0.2782	0.3046	0.2714	0.2786	0.2807	Ave		0.2859			0.2000	4.8		20.0			
n-Butanol	0.0544 0.1089	0.0893	0.0946	0.0942	0.1055	QuaF		0.1016	0.0000006						1.0000		0.9900
Ethyl acrylate	0.5693 0.5997	0.6383	0.6087	0.6354	0.6548	Ave		0.6177				5.0		20.0			
Methylcyclohexane	0.4600 0.5027	0.5236	0.4899	0.4997	0.5129	Ave		0.4981			0.1000	4.4		20.0			
1,2-Dichloropropane	0.2824 0.2555	0.2850	0.2619	0.2642	0.2662	Ave		0.2692			0.1000	4.4		20.0			
Dibromomethane	0.1868 0.1694	0.1951	0.1831	0.1826	0.1826	Ave		0.1833				4.5		20.0			
1,4-Dioxane	+++++ 0.8486	1.2066	1.1467	1.0780	1.0130	Ave		1.0586				13.0		20.0			
Methyl methacrylate	0.0664 0.0721	0.0728	0.0738	0.0791	0.0825	Ave		0.0744				7.6		20.0			
n-Propyl acetate	0.2674 0.2660	0.2948	0.3067	0.3081	0.3140	Ave		0.2929				7.2		20.0			
Dichlorobromomethane	0.3684 0.3572	0.3669	0.3481	0.3556	0.3659	Ave		0.3604			0.2000	2.2		20.0			
2-Nitropropane	0.0490 0.0500	0.0523	0.0551	0.0568	0.0593	Ave		0.0538				7.5		20.0			
2-Chloroethyl vinyl ether	0.0631 0.1165	0.0995	0.1106	0.1230	0.1285	Lin2	-0.058	0.1192							0.9960		0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-303245-1 Analy Batch No.: 969539

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 04/15/2024 07:45 Calibration End Date: 04/15/2024 13:11 Calibration ID: 96703

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Epichlorohydrin	0.2105 0.2456	0.2228	0.2271	0.2343	0.2362	Ave		0.2294				5.3		20.0			
cis-1,3-Dichloropropene	0.4418 0.5050	0.5012	0.4837	0.4938	0.5115	Ave		0.4895			0.2000	5.2		20.0			
4-Methyl-2-pentanone (MIBK)	1.9018 2.1804	2.0976	2.0515	2.1204	2.1326	Ave		2.0807			0.0500	4.7		20.0			
Toluene	1.4529 1.3185	1.4568	1.2744	1.2809	1.3091	Ave		1.3488			0.4000	6.2		20.0			
trans-1,3-Dichloropropene	0.3937 0.4312	0.4094	0.4000	0.4276	0.4426	Ave		0.4174			0.1000	4.6		20.0			
Ethyl methacrylate	0.2521 0.3305	0.2845	0.3119	0.3406	0.3575	Ave		0.3128				12.4		20.0			
1,1,2-Trichloroethane	0.2290 0.2184	0.2447	0.2346	0.2321	0.2321	Ave		0.2318			0.1000	3.7		20.0			
Tetrachloroethene	0.4078 0.3652	0.4089	0.3666	0.3665	0.3733	Ave		0.3814			0.2000	5.5		20.0			
1,3-Dichloropropane	0.4368 0.4347	0.4535	0.4347	0.4500	0.4526	Ave		0.4437				2.1		20.0			
2-Hexanone	1.2657 1.4701	1.3711	1.3738	1.4385	1.4540	Ave		1.3955			0.0500	5.4		20.0			
Chlorodibromomethane	0.3232 0.3596	0.3667	0.3513	0.3590	0.3689	Ave		0.3548			0.1000	4.7		20.0			
1,2-Dibromoethane	0.2874 0.2833	0.3083	0.2921	0.2980	0.2984	Ave		0.2946			0.1000	3.0		20.0			
n-Butyl acetate	0.3424 0.3157	0.3678	0.3731	0.3793	0.3775	Ave		0.3593				7.0		20.0			
Chlorobenzene	1.0136 0.9023	0.9958	0.8688	0.8831	0.9017	Ave		0.9275			0.5000	6.6		20.0			
1,1,1,2-Tetrachloroethane	0.3294 0.3556	0.3858	0.3471	0.3539	0.3618	Ave		0.3556				5.2		20.0			
Ethylbenzene	0.4681 0.4610	0.5047	0.4574	0.4722	0.4770	Ave		0.4734			0.1000	3.6		20.0			
m-Xylene & p-Xylene	0.5597 0.5804	0.6127	0.5761	0.5716	0.5923	Ave		0.5821			0.1000	3.2		20.0			
o-Xylene	0.5594 0.5809	0.6061	0.5766	0.5786	0.5983	Ave		0.5833			0.3000	2.9		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-303245-1 Analy Batch No.: 969539

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 04/15/2024 07:45 Calibration End Date: 04/15/2024 13:11 Calibration ID: 96703

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Styrene	0.7917 0.9668	0.9234	0.9283	0.9458	0.9779	Ave		0.9223			0.3000	7.3		20.0			
n-Butyl acrylate	0.1767 0.2145	0.2103	0.2337	0.2412	0.2427	Ave		0.2199				11.4		20.0			
Bromoform	0.2864 0.2645	0.2683	0.2663	0.2698	0.2793	Ave		0.2724			0.1000	3.1		20.0			
Amyl acetate (mixed isomers)	0.5613 0.6667	0.6065	0.6478	0.6937	0.7242	Ave		0.6500				9.1		20.0			
Isopropylbenzene	1.2642 1.4610	1.4242	1.3645	1.3835	1.4800	Ave		1.3962			0.1000	5.6		20.0			
Bromobenzene	0.7624 0.7472	0.7226	0.6499	0.6762	0.7126	Ave		0.7118				6.0		20.0			
1,1,2,2-Tetrachloroethane	0.6349 0.6683	0.6771	0.6698	0.6717	0.7029	Ave		0.6708			0.3000	3.2		20.0			
1,2,3-Trichloropropane	0.1545 0.1926	0.2084	0.1964	0.1987	0.2037	Ave		0.1924				10.1		20.0			
trans-1,4-Dichloro-2-butene	0.1390 0.1486	0.1499	0.1515	0.1571	0.1591	Ave		0.1509				4.7		20.0			
N-Propylbenzene	0.6780 0.7033	0.6966	0.6408	0.6666	0.7258	Ave		0.6852				4.4		20.0			
2-Chlorotoluene	0.6537 0.6666	0.6464	0.5919	0.6109	0.6525	Ave		0.6370				4.5		20.0			
4-Ethyltoluene	2.2788 2.6630	2.4156	2.2630	2.3454	2.6436	Ave		2.4349				7.3		20.0			
4-Chlorotoluene	1.9860 2.0980	2.0099	1.8269	1.8692	1.9965	Ave		1.9644				5.1		20.0			
1,3,5-Trimethylbenzene	1.7304 2.3347	2.0367	1.9660	2.0231	2.2638	Ave		2.0591				10.6		20.0			
Butyl Methacrylate	0.4597 0.7416	0.5578	0.6014	0.6569	0.7494	Ave		0.6278				17.8		20.0			
tert-Butylbenzene	1.4885 2.1188	1.6975	1.6441	1.7510	1.9943	Ave		1.7824				13.1		20.0			
1,2,4-Trimethylbenzene	1.8318 2.4455	2.0618	2.0306	2.1408	2.3778	Ave		2.1481				10.7		20.0			
sec-Butylbenzene	2.2704 2.8806	2.5342	2.5002	2.6870	3.0556	Ave		2.6547				10.6		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-303245-1 Analy Batch No.: 969539

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 04/15/2024 07:45 Calibration End Date: 04/15/2024 13:11 Calibration ID: 96703

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,3-Dichlorobenzene	1.3620 1.4028	1.4068	1.2814	1.2897	1.3530	Ave		1.3493			0.6000	4.0		20.0			
4-Isopropyltoluene	2.2550 2.6343	2.3780	2.2356	2.3719	2.6836	Ave		2.4264				7.8		20.0			
1,4-Dichlorobenzene	1.5603 1.3626	1.4471	1.3150	1.3052	1.3413	Ave		1.3886			0.5000	7.1		20.0			
1,2,3-Trimethylbenzene	2.1157 2.5045	2.2663	2.2264	2.3160	2.5807	Ave		2.3349				7.5		20.0			
Benzyl chloride	0.2489 0.2808	0.2327	0.2602	0.2758	0.3039	Ave		0.2670				9.5		20.0			
Indan	1.0654 1.1800	1.2146	1.1724	1.2156	1.2959	Ave		1.1906				6.3		20.0			
1,2-Dichlorobenzene	1.3457 1.3365	1.3917	1.2995	1.3054	1.3384	Ave		1.3362			0.4000	2.5		20.0			
p-Diethylbenzene	1.3889 1.5458	1.4659	1.4128	1.4478	1.5921	Ave		1.4756				5.3		20.0			
n-Butylbenzene	1.1493 1.3065	1.2672	1.1682	1.1840	1.2937	Ave		1.2282				5.6		20.0			
1,2,4,5-Tetramethylbenzene	1.9155 2.4511	1.9303	2.0511	2.2260	2.6042	Ave		2.1964				12.9		20.0			
1,2-Dibromo-3-Chloropropane	0.1609 0.1728	0.1734	0.1864	0.1885	0.1946	Ave		0.1794			0.0500	7.0		20.0			
1,3,5-Trichlorobenzene	1.2363 1.1513	1.1602	1.0802	1.0697	1.1761	Ave		1.1456				5.4		20.0			
1,2,4-Trichlorobenzene	1.1246 1.1086	1.0429	1.0180	0.9990	1.1152	Ave		1.0681			0.2000	5.1		20.0			
Hexachlorobutadiene	0.6064 0.6096	0.5606	0.4966	0.5310	0.5905	Ave		0.5658				8.0		20.0			
Naphthalene	2.3497 2.5398	2.2536	2.4106	2.5289	2.7041	Ave		2.4645				6.5		20.0			
1,2,3-Trichlorobenzene	1.1266 1.0792	1.0612	1.0080	1.0177	1.0889	Ave		1.0636				4.2		20.0			
Dibromofluoromethane (Surr)	0.3474 0.3292	0.3412	0.3461	0.3456	0.3453	Ave		0.3425				2.0		20.0			
1,2-Dichloroethane-d4 (Surr)	0.3227 0.3012	0.3168	0.3359	0.3267	0.3294	Ave		0.3221				3.7		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-303245-1 Analy Batch No.: 969539

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 04/15/2024 07:45 Calibration End Date: 04/15/2024 13:11 Calibration ID: 96703

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Toluene-d8 (Surr)	1.4000 1.4086	1.3728	1.4286	1.4245	1.4223	Ave		1.4095				1.5		20.0			
4-Bromofluorobenzene	0.7994 0.8833	0.7699	0.7872	0.8032	0.8413	Ave		0.8140				5.1		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-303245-1 | Analy Batch No.: 969539

SDG No.:

Instrument ID: CVOAMS2 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) Y

Calibration Start Date: 04/15/2024 07:45 | Calibration End Date: 04/15/2024 13:11 | Calibration ID: 96703

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-969539/16	B13392.D
Level 2	STD5 460-969539/17	B13393.D
Level 3	STD20 460-969539/18	B13394.D
Level 4	STD50 460-969539/19	B13395.D
Level 5	STD200 460-969539/7	B13383.D
Level 6	STD500 460-969539/8	B13384.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Dichlorodifluoromethane	FB	Ave	3723 2372399	21478	87660	227643	948096	1.00 500	5.00	20.0	50.0	200
Chlorodifluoromethane	FB	Ave	792 292812	3570	12109	31099	111961	1.00 500	5.00	20.0	50.0	200
Chloromethane	FB	Ave	3263 1647254	20048	66458	156444	644630	1.00 500	5.00	20.0	50.0	200
Butadiene	FB	Ave	1715 1303847	10266	46641	112867	507273	1.00 500	5.00	20.0	50.0	200
Vinyl chloride	FB	Ave	3323 1742129	15954	65781	162719	685514	1.00 500	5.00	20.0	50.0	200
Bromomethane	FB	Ave	2755 1366044	12844	52837	126687	539813	1.00 500	5.00	20.0	50.0	200
Chloroethane	FB	Ave	1765 937632	9329	37965	92464	384530	1.00 500	5.00	20.0	50.0	200
Dichlorofluoromethane	FB	QuaF	1436 2534901	10397	47859	144837	878119	1.00 500	5.00	20.0	50.0	200
Trichlorofluoromethane	FB	Ave	1931 1884398	11958	52365	140630	700557	1.00 500	5.00	20.0	50.0	200
Pentane	FB	Ave	7412 3614791	39452	134519	341490	1436406	2.00 1000	10.0	40.0	100	400
Ethyl ether	FB	Ave	3169 1186566	13416	45654	119610	462005	1.00 500	5.00	20.0	50.0	200
Ethanol	TBAd9	Ave	+++++ 311459	1554	14350	34330	133967	+++++ 20000	200	800	2000	8000
2-Methyl-1,3-butadiene	FB	Ave	2770 1291156	14662	54644	129786	517930	1.00 500	5.00	20.0	50.0	200
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	3877 1591749	18983	63947	161088	620615	1.00 500	5.00	20.0	50.0	200
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	5808 2421987	30264	93724	240612	925995	1.00 500	5.00	20.0	50.0	200
Acrolein	TBAd9	Ave	33542 250955	86275	128863	170568	212028	100 600	200	300	400	500

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-303245-1 | Analy Batch No.: 969539

SDG No.:

Instrument ID: CVOAMS2 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) Y

Calibration Start Date: 04/15/2024 07:45 | Calibration End Date: 04/15/2024 13:11 | Calibration ID: 96703

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,1-Dichloroethene	FB	Ave	3416 1680416	18180	62053	169103	654964	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	3328 1776966	18352	65418	180678	711369	1.00 500	5.00	20.0	50.0	200
Acetone	BUT	Ave	5970 2549008	19840	97599	247708	1069670	5.00 2500	25.0	100	250	1000
Iodomethane	FB	Ave	6790 3691014	38202	131910	350296	1378579	1.00 500	5.00	20.0	50.0	200
Carbon disulfide	FB	Ave	11705 6441742	68252	238202	611875	2425118	1.00 500	5.00	20.0	50.0	200
Isopropyl alcohol	TBAd9	Ave	1397 809878	7658	35241	88491	317260	10.0 5000	50.0	200	500	2000
3-Chloro-1-propene	FB	Ave	2563 2537886	20604	68572	193741	724015	1.00 500	5.00	20.0	50.0	200
Acetonitrile	TBAd9	Ave	805 708193	6589	30659	71105	308073	10.0 5000	50.0	200	500	2000
Methyl acetate	FB	Ave	6722 2382988	30562	105717	278248	1025209	2.00 1000	10.0	40.0	100	400
Methylene Chloride	FB	Ave	5075 2094882	23570	80477	203617	800962	1.00 500	5.00	20.0	50.0	200
2-Methyl-2-propanol	TBAd9	Ave	4192 2163343	23572	106847	258907	978826	10.0 5000	50.0	200	500	2000
Acrylonitrile	TBAd9	Ave	11888 5727071	63125	253270	641758	2469247	10.0 5000	50.0	200	500	2000
trans-1,2-Dichloroethene	FB	Ave	4098 1969594	22249	74881	191807	752459	1.00 500	5.00	20.0	50.0	200
MTBE	FB	Ave	10233 5044176	54015	205699	530324	2025948	1.00 500	5.00	20.0	50.0	200
Hexane	FB	Ave	4438 2502668	24967	88757	231778	941905	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethane	FB	Ave	6359 3177138	34058	115887	302304	1205190	1.00 500	5.00	20.0	50.0	200
Vinyl acetate	BUT	Ave	949 675856	6771	26919	67405	287153	2.00 1000	10.0	40.0	100	400
2-Chloro-1,3-butadiene	FB	Ave	2920 1688740	16477	61090	160562	668052	1.00 500	5.00	20.0	50.0	200
Isopropyl ether	FB	Ave	8957 4784051	47598	173327	457924	1888491	1.00 500	5.00	20.0	50.0	200
Tert-butyl ethyl ether	FB	Ave	3902 2213961	21705	81674	216894	880806	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-303245-1 | Analy Batch No.: 969539

SDG No.:

Instrument ID: CVOAMS2 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) Y

Calibration Start Date: 04/15/2024 07:45 | Calibration End Date: 04/15/2024 13:11 | Calibration ID: 96703

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
cis-1,2-Dichloroethene	FB	Ave	4232 2215971	23076	81884	210220	837945	1.00 500	5.00	20.0	50.0	200
2,2-Dichloropropane	FB	Ave	1444 753704	9177	29649	74573	296990	1.00 500	5.00	20.0	50.0	200
2-Butanone (MEK)	BUT	Ave	1701 1107181	10723	43032	113788	473750	5.00 2500	25.0	100	250	1000
Propionitrile	BUT	Ave	4360 2249575	25321	100923	250343	1001588	10.0 5000	50.0	200	500	2000
Ethyl acetate	BUT	Ave	4034 2872914	25306	98465	345035	1368388	2.00 1000	10.0	40.0	100	400
Methyl acrylate	FB	Ave	3116 1742921	17992	72573	189188	763657	1.00 500	5.00	20.0	50.0	200
Chlorobromomethane	FB	Ave	2143 1160728	11743	44268	114450	453145	1.00 500	5.00	20.0	50.0	200
Methacrylonitrile	FB	Ave	12287 6789231	71705	278978	728738	2951696	10.0 5000	50.0	200	500	2000
Tetrahydrofuran	BUT	Ave	1763 1092395	13046	49812	125463	496933	2.00 1000	10.0	40.0	100	400
Chloroform	FB	Ave	6895 3400524	36273	123061	320476	1289624	1.00 500	5.00	20.0	50.0	200
1,1,1-Trichloroethane	FB	Ave	5161 2820226	29845	101779	263734	1080004	1.00 500	5.00	20.0	50.0	200
Cyclohexane	FB	Ave	5228 2972629	29649	104355	271626	1126172	1.00 500	5.00	20.0	50.0	200
1,1-Dichloropropene	FB	Ave	4626 2507425	24504	87314	229166	938144	1.00 500	5.00	20.0	50.0	200
Carbon tetrachloride	FB	Ave	4921 2631779	27566	95732	243692	1010061	1.00 500	5.00	20.0	50.0	200
Benzene	CBNZd5	Ave	14477 7442373	76983	257024	675966	2761501	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane	FB	Ave	4757 2298450	23694	84401	219814	888240	1.00 500	5.00	20.0	50.0	200
Isobutyl alcohol	TBAd9	Ave	1754 1042147	12535	48349	119555	436545	25.0 12500	125	500	1250	5000
Isopropyl acetate	FB	Ave	1031 623924	5832	24499	66965	271304	1.00 500	5.00	20.0	50.0	200
Tert-amyl methyl ether	FB	Ave	9761 5875279	58621	236631	617580	2479547	1.00 500	5.00	20.0	50.0	200
n-Heptane	FB	Ave	4274 2306792	22363	79854	205657	864033	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-303245-1 | Analy Batch No.: 969539

SDG No.:

Instrument ID: CVOAMS2 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) Y

Calibration Start Date: 04/15/2024 07:45 | Calibration End Date: 04/15/2024 13:11 | Calibration ID: 96703

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Trichloroethene	FB	Ave	3664 2013935	18982	66961	179369	743729	1.00 500	5.00	20.0	50.0	200
n-Butanol	TBAd9	QuaF	531 547874	5251	25363	61546	252826	25.0 12500	125	500	1250	5000
Ethyl acrylate	FB	Ave	6910 4341711	39781	150143	409088	1734904	1.00 500	5.00	20.0	50.0	200
Methylcyclohexane	FB	Ave	5583 3639272	32630	120837	321733	1359036	1.00 500	5.00	20.0	50.0	200
1,2-Dichloropropane	FB	Ave	3428 1849759	17759	64594	170100	705281	1.00 500	5.00	20.0	50.0	200
Dibromomethane	FB	Ave	2267 1226333	12161	45167	117532	483848	1.00 500	5.00	20.0	50.0	200
1,4-Dioxane	DXE	Ave	+++++ 352421	3765	16138	38971	151490	+++++ 10000	100	400	1000	4000
Methyl methacrylate	FB	Ave	1612 1043409	9075	36417	101855	437014	2.00 1000	10.0	40.0	100	400
n-Propyl acetate	FB	Ave	3246 1925786	18375	75667	198357	831967	1.00 500	5.00	20.0	50.0	200
Dichlorobromomethane	FB	Ave	4471 2586067	22865	85872	228966	969464	1.00 500	5.00	20.0	50.0	200
2-Nitropropane	FB	Ave	1190 723847	6522	27195	73102	314213	2.00 1000	10.0	40.0	100	400
2-Chloroethyl vinyl ether	FB	Lin2	768 845184	6213	27352	79388	341320	1.00 501	5.01	20.0	50.1	200
Epichlorohydrin	BUT	Ave	4851 3188427	28284	124044	331772	1355288	20.0 10000	100	400	1000	4000
cis-1,3-Dichloropropene	CBNZd5	Ave	4538 3206260	26732	101906	279519	1202867	1.00 500	5.00	20.0	50.0	200
4-Methyl-2-pentanone (MIBK)	BUT	Ave	10958 7075540	66572	280125	750599	3059013	5.00 2500	25.0	100	250	1000
Toluene	CBNZd5	Ave	14924 8371679	77695	268487	725053	3078426	1.00 500	5.00	20.0	50.0	200
trans-1,3-Dichloropropene	CBNZd5	Ave	4044 2738097	21836	84266	242067	1040789	1.00 500	5.00	20.0	50.0	200
Ethyl methacrylate	FB	Ave	3060 2392935	17731	76933	219248	947150	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloroethane	CBNZd5	Ave	2352 1386674	13053	49415	131361	545739	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-303245-1 | Analy Batch No.: 969539

SDG No.:

Instrument ID: CVOAMS2 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) Y

Calibration Start Date: 04/15/2024 07:45 | Calibration End Date: 04/15/2024 13:11 | Calibration ID: 96703

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Tetrachloroethene	CBNZd5	Ave	4189 2319081	21806	77243	207490	877783	1.00 500	5.00	20.0	50.0	200
1,3-Dichloropropane	CBNZd5	Ave	4487 2760397	24185	91571	254725	1064205	1.00 500	5.00	20.0	50.0	200
2-Hexanone	BUT	Ave	7293 4770333	43517	187585	509206	2085723	5.00 2500	25.0	100	250	1000
Chlorodibromomethane	CBNZd5	Ave	3320 2283136	19557	74002	203214	867394	1.00 500	5.00	20.0	50.0	200
1,2-Dibromoethane	CBNZd5	Ave	2952 1798947	16442	61544	168668	701667	1.00 500	5.00	20.0	50.0	200
n-Butyl acetate	CBNZd5	Ave	3517 2004561	19618	78610	214718	887791	1.00 500	5.00	20.0	50.0	200
Chlorobenzene	CBNZd5	Ave	10411 5729459	53111	183045	499883	2120243	1.00 500	5.00	20.0	50.0	200
1,1,1,2-Tetrachloroethane	CBNZd5	Ave	3384 2258102	20577	73132	200334	850718	1.00 500	5.00	20.0	50.0	200
Ethylbenzene	CBNZd5	Ave	4808 2927319	26917	96369	267299	1121749	1.00 500	5.00	20.0	50.0	200
m-Xylene & p-Xylene	CBNZd5	Ave	5749 3685184	32676	121377	323562	1392886	1.00 500	5.00	20.0	50.0	200
o-Xylene	CBNZd5	Ave	5746 3688168	32328	121477	327507	1406845	1.00 500	5.00	20.0	50.0	200
Styrene	CBNZd5	Ave	8132 6138697	49249	195570	535394	2299427	1.00 500	5.00	20.0	50.0	200
n-Butyl acrylate	CBNZd5	Ave	1815 1362146	11217	49230	136522	570773	1.00 500	5.00	20.0	50.0	200
Bromoform	CBNZd5	Ave	2942 1679687	14307	56104	152700	656732	1.00 500	5.00	20.0	50.0	200
Amyl acetate (mixed isomers)	DCBd4	Ave	3674 2378214	21131	88668	245674	1017397	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-303245-1 | Analy Batch No.: 969539

SDG No.:

Instrument ID: CVOAMS2 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) Y

Calibration Start Date: 04/15/2024 07:45 | Calibration End Date: 04/15/2024 13:11 | Calibration ID: 96703

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Isopropylbenzene	CBNZd5	Ave	12986 9276817	75960	287459	783154	3480205	1.00 500	5.00	20.0	50.0	200
Bromobenzene	DCBd4	Ave	4990 2665363	25176	88957	239460	1001101	1.00 500	5.00	20.0	50.0	200
1,1,2,2-Tetrachloroethane	DCBd4	Ave	4156 2383847	23591	91681	237880	987444	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichloropropane	DCBd4	Ave	1011 686963	7261	26881	70374	286201	1.00 500	5.00	20.0	50.0	200
trans-1,4-Dichloro-2-butene	DCBd4	Ave	910 529980	5224	20735	55646	223463	1.00 500	5.00	20.0	50.0	200
N-Propylbenzene	DCBd4	Ave	4438 2508578	24270	87708	236086	1019603	1.00 500	5.00	20.0	50.0	200
2-Chlorotoluene	DCBd4	Ave	4279 2377558	22523	81021	216337	916712	1.00 500	5.00	20.0	50.0	200
4-Ethyltoluene	DCBd4	Ave	14916 9498541	84166	309742	830600	3713967	1.00 500	5.00	20.0	50.0	200
4-Chlorotoluene	DCBd4	Ave	12999 7483305	70029	250052	661969	2804876	1.00 500	5.00	20.0	50.0	200
1,3,5-Trimethylbenzene	DCBd4	Ave	11326 8327641	70963	269093	716459	3180337	1.00 500	5.00	20.0	50.0	200
Butyl Methacrylate	DCBd4	Ave	3009 2645169	19436	82309	232644	1052890	1.00 500	5.00	20.0	50.0	200
tert-Butylbenzene	DCBd4	Ave	9743 7557542	59144	225035	620079	2801739	1.00 500	5.00	20.0	50.0	200
1,2,4-Trimethylbenzene	DCBd4	Ave	11990 8722875	71837	277933	758148	3340594	1.00 500	5.00	20.0	50.0	200
sec-Butylbenzene	DCBd4	Ave	14861 10274856	88296	342212	951577	4292743	1.00 500	5.00	20.0	50.0	200
1,3-Dichlorobenzene	DCBd4	Ave	8915 5003839	49017	175396	456715	1900769	1.00 500	5.00	20.0	50.0	200
4-Isopropyltoluene	DCBd4	Ave	14760 9396191	82856	305994	839997	3770204	1.00 500	5.00	20.0	50.0	200
1,4-Dichlorobenzene	DCBd4	Ave	10213 4860157	50421	179988	462229	1884447	1.00 500	5.00	20.0	50.0	200
1,2,3-Trimethylbenzene	DCBd4	Ave	13848 8933457	78963	304737	820171	3625574	1.00 500	5.00	20.0	50.0	200
Benzyl chloride	DCBd4	Ave	1629 1001542	8106	35616	97678	426977	1.00 500	5.00	20.0	50.0	200
Indan	FB	Ave	12931 8542823	75697	289207	782589	3433398	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-303245-1 | Analy Batch No.: 969539

SDG No.:

Instrument ID: CVOAMS2 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) Y

Calibration Start Date: 04/15/2024 07:45 | Calibration End Date: 04/15/2024 13:11 | Calibration ID: 96703

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,2-Dichlorobenzene	DCBd4	Ave	8808 4767131	48491	177866	462300	1880370	1.00 500	5.00	20.0	50.0	200
p-Diethylbenzene	DCBd4	Ave	9091 5513724	51076	193375	512732	2236735	1.00 500	5.00	20.0	50.0	200
n-Butylbenzene	DCBd4	Ave	7523 4660217	44151	159893	419308	1817558	1.00 500	5.00	20.0	50.0	200
1,2,4,5-Tetramethylbenzene	DCBd4	Ave	12538 8742884	67256	280745	788295	3658601	1.00 500	5.00	20.0	50.0	200
1,2-Dibromo-3-Chloropropane	DCBd4	Ave	1053 616505	6043	25508	66769	273394	1.00 500	5.00	20.0	50.0	200
1,3,5-Trichlorobenzene	DCBd4	Ave	8092 4106587	40425	147847	378812	1652310	1.00 500	5.00	20.0	50.0	200
1,2,4-Trichlorobenzene	DCBd4	Ave	7361 3954286	36338	139332	353788	1566726	1.00 500	5.00	20.0	50.0	200
Hexachlorobutadiene	DCBd4	Ave	3969 2174508	19533	67972	188064	829589	1.00 500	5.00	20.0	50.0	200
Naphthalene	DCBd4	Ave	15380 9059353	78520	329940	895586	3799016	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichlorobenzene	DCBd4	Ave	7374 3849578	36974	137963	360421	1529759	1.00 500	5.00	20.0	50.0	200
Dibromofluoromethane (Surr)	FB	Ave	210825 238335	212614	213454	222493	228718	50.0 50.0	50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	195857 218080	197418	207124	210337	218158	50.0 50.0	50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZd5	Ave	719007 894368	732176	752450	806347	836126	50.0 50.0	50.0	50.0	50.0	50.0
4-Bromofluorobenzene	DCBd4	Ave	261607 315066	268242	269369	284446	295480	50.0 50.0	50.0	50.0	50.0	50.0

Curve Type Legend:

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD
QuaF = Quadratic ISTD forced zero

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20240415-174688.b\B13383.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 15-Apr-2024 07:45:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0174688-007
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260S_2*sub20

Method: \\chromfs\Edison\ChromData\CVOAMS2\20240415-174688.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Apr-2024 20:43:47 Calib Date: 15-Apr-2024 13:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20240415-174688.b\B13395.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1605

First Level Reviewer: N1JZ Date: 16-Apr-2024 03:21:55

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Dichlorodifluoromethane	85	0.953	0.953	0.000	98	948096	200.0	209.9	
4 Chlorodifluoromethane	67	0.965	0.965	0.000	96	111961	200.0	167.6	
5 Chloromethane	50	1.069	1.050	0.019	99	644630	200.0	185.5	M
6 Butadiene	54	1.124	1.124	0.000	92	507273	200.0	220.5	
7 Vinyl chloride	62	1.136	1.136	0.000	98	685514	200.0	200.5	
8 Bromomethane	94	1.325	1.313	0.012	99	539813	200.0	197.7	
9 Chloroethane	64	1.368	1.374	-0.006	99	384530	200.0	200.8	
10 Dichlorofluoromethane	67	1.508	1.502	0.006	99	878119	200.0	205.6	
11 Trichlorofluoromethane	101	1.551	1.550	0.001	98	700557	200.0	242.9	
12 Pentane	43	1.569	1.569	0.000	93	1436406	400.0	387.1	
13 Ethyl ether	59	1.703	1.703	0.000	95	462005	200.0	176.5	
14 Ethanol	46	1.709	1.715	-0.006	67	133967	8000.0	8929.7	
15 2-Methyl-1,3-butadiene	53	1.715	1.721	-0.006	94	517930	200.0	186.1	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.740	1.745	-0.005	93	620615	200.0	177.1	
17 1,1,1-Trifluoro-2,2-dichloroetha	83	1.788	1.788	0.000	93	925995	200.0	174.6	a
18 Acrolein	56	1.788	1.794	-0.006	43	212028	500.0	498.9	a
19 1,1-Dichloroethene	96	1.868	1.861	0.007	97	654964	200.0	189.3	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.886	1.880	0.006	98	711369	200.0	197.9	
21 Acetone	43	1.904	1.910	-0.006	88	1069670	1000.0	971.2	
22 Iodomethane	142	1.959	1.959	0.000	99	1378579	200.0	190.3	
23 Carbon disulfide	76	1.996	2.001	-0.005	98	2425118	200.0	190.0	
24 Isopropyl alcohol	45	2.038	2.038	0.000	69	317260	2000.0	1904.7	a
25 3-Chloro-1-propene	39	2.105	2.105	0.000	94	724015	200.0	188.0	
27 Acetonitrile	40	2.105	2.111	-0.006	86	308073	2000.0	2244.3	
26 Methyl acetate	43	2.130	2.136	-0.006	97	1025209	400.0	354.3	
28 Methylene Chloride	84	2.197	2.203	-0.006	85	800962	200.0	178.7	
* 29 TBA-d9 (IS)	65	2.294	2.294	0.000	0	479409	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.367	2.367	0.000	38	978826	2000.0	1988.5	a
31 Acrylonitrile	53	2.380	2.379	0.001	94	2469247	2000.0	1934.8	
32 trans-1,2-Dichloroethene	96	2.392	2.392	0.000	91	752459	200.0	184.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	2.416	2.416	0.000	96	2025948	200.0	190.0	
34 Hexane	57	2.611	2.611	0.000	89	941905	200.0	195.0	
35 1,1-Dichloroethane	63	2.715	2.715	0.000	99	1205190	200.0	188.0	
36 Vinyl acetate	86	2.776	2.776	0.000	99	287153	400.0	409.2	
37 2-Chloro-1,3-butadiene	88	2.794	2.788	0.006	88	668052	200.0	203.4	
38 Isopropyl ether	45	2.812	2.806	0.006	85	1888491	200.0	199.4	
39 Tert-butyl ethyl ether	87	3.117	3.111	0.006	90	880806	200.0	201.9	
* 40 2-Butanone-d5	46	3.178	3.184	-0.006	0	358609	250.0	250.0	a
41 cis-1,2-Dichloroethene	96	3.203	3.209	-0.006	99	837945	200.0	189.8	
42 2,2-Dichloropropane	79	3.221	3.221	0.000	88	296990	200.0	187.2	
43 2-Butanone (MEK)	72	3.239	3.239	0.000	97	473750	1000.0	1020.9	
44 Propionitrile	54	3.282	3.288	-0.006	95	1001588	2000.0	1907.6	
45 Ethyl acetate	43	3.300	3.300	0.000	99	1368388	400.0	454.9	
62 Methyl acrylate	55	3.325	3.324	0.001	99	763657	200.0	208.1	
46 Chlorobromomethane	128	3.416	3.410	0.006	85	453145	200.0	194.8	
47 Methacrylonitrile	67	3.416	3.416	0.000	87	2951696	2000.0	2063.8	
48 Tetrahydrofuran	42	3.465	3.471	-0.006	92	496933	400.0	392.3	
49 Chloroform	83	3.501	3.501	0.000	100	1289624	200.0	188.2	
$ 50 Dibromofluoromethane (Surr)	113	3.648	3.641	0.007	97	228718	50.0	50.4	
51 1,1,1-Trichloroethane	97	3.672	3.666	0.006	97	1080004	200.0	193.8	
52 Cyclohexane	84	3.721	3.721	0.000	86	1126172	200.0	197.2	
54 1,1-Dichloropropene	75	3.812	3.812	0.000	99	938144	200.0	194.5	
53 Carbon tetrachloride	117	3.824	3.824	0.000	98	1010061	200.0	193.9	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	3.959	3.952	0.007	0	218158	50.0	51.1	
56 Benzene	78	4.013	4.007	0.006	95	2761501	200.0	185.1	
58 Isobutyl alcohol	42	4.026	4.032	-0.006	48	436545	5000.0	4768.2	
57 1,2-Dichloroethane	62	4.032	4.032	0.000	98	888240	200.0	190.8	
73 Isopropyl acetate	61	4.160	4.160	0.000	96	271304	200.0	215.4	
59 Tert-amyl methyl ether	73	4.172	4.160	0.012	92	2479547	200.0	207.6	
* 60 Fluorobenzene	96	4.306	4.306	0.000	100	662376	50.0	50.0	a
61 n-Heptane	43	4.330	4.336	-0.006	87	864033	200.0	195.8	
63 Trichloroethene	95	4.696	4.696	0.000	95	743729	200.0	196.4	
64 n-Butanol	43	4.715	4.720	-0.005	84	252826	5000.0	5041.6	
66 Ethyl acrylate	55	4.885	4.891	-0.006	98	1734904	200.0	212.0	
65 Methylcyclohexane	83	4.910	4.903	0.007	95	1359036	200.0	205.9	
67 1,2-Dichloropropane	63	4.940	4.934	0.006	93	705281	200.0	197.8	
68 Dibromomethane	93	5.062	5.056	0.006	92	483848	200.0	199.3	
* 69 1,4-Dioxane-d8	96	5.056	5.056	0.000	0	37387	1000.0	1000.0	
70 1,4-Dioxane	88	5.123	5.135	-0.012	31	151490	4000.0	3827.8	
71 Methyl methacrylate	100	5.141	5.135	0.006	81	437014	400.0	443.1	
81 n-Propyl acetate	43	5.233	5.233	0.000	96	831967	200.0	214.4	
72 Dichlorobromomethane	83	5.275	5.269	0.006	99	969464	200.0	203.1	
74 2-Nitropropane	41	5.556	5.556	0.000	96	314213	400.0	441.2	
75 2-Chloroethyl vinyl ether	63	5.684	5.678	0.006	93	341320	200.5	216.7	
76 Epichlorohydrin	57	5.727	5.720	0.007	99	1355288	4000.0	4118.3	
77 cis-1,3-Dichloropropene	75	5.824	5.824	0.000	89	1202867	200.0	209.0	
78 4-Methyl-2-pentanone (MIBK)	43	6.068	6.068	0.000	93	3059013	1000.0	1024.9	
$ 79 Toluene-d8 (Surr)	98	6.153	6.147	0.006	99	836126	50.0	50.5	
80 Toluene	91	6.239	6.232	0.007	93	3078426	200.0	194.1	
82 trans-1,3-Dichloropropene	75	6.562	6.562	0.000	95	1040789	200.0	212.1	
84 Ethyl methacrylate	69	6.757	6.757	0.000	86	947150	200.0	228.5	a
83 1,1,2-Trichloroethane	83	6.793	6.787	0.006	95	545739	200.0	200.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Tetrachloroethene	166	6.934	6.933	0.001	97	877783	200.0	195.7	
86 1,3-Dichloropropane	76	6.982	6.982	0.000	90	1064205	200.0	204.0	
87 2-Hexanone	43	7.147	7.147	0.000	92	2085723	1000.0	1041.9	
88 Chlorodibromomethane	129	7.238	7.232	0.006	98	867394	200.0	208.0	
89 Ethylene Dibromide	107	7.330	7.324	0.006	96	701667	200.0	202.6	
90 n-Butyl acetate	43	7.330	7.330	0.000	97	887791	200.0	210.1	
* 91 Chlorobenzene-d5	117	7.830	7.830	0.000	83	587872	50.0	50.0	
92 Chlorobenzene	112	7.860	7.854	0.006	97	2120243	200.0	194.4	
93 1,1,1,2-Tetrachloroethane	131	7.958	7.952	0.006	96	850718	200.0	203.5	
94 Ethylbenzene	106	7.994	7.994	0.000	97	1121749	200.0	201.5	
95 m-Xylene & p-Xylene	106	8.110	8.110	0.000	0	1392886	200.0	203.5	
96 o-Xylene	106	8.458	8.458	0.000	95	1406845	200.0	205.1	
97 Styrene	104	8.476	8.470	0.006	97	2299427	200.0	212.0	
98 n-Butyl acrylate	73	8.494	8.494	0.000	98	570773	200.0	220.8	
99 Bromoform	173	8.610	8.610	0.000	99	656732	200.0	205.0	
101 Amyl acetate (mixed isomers)	43	8.702	8.695	0.007	93	1017397	200.0	222.8	
102 Isopropylbenzene	105	8.787	8.787	0.000	94	3480205	200.0	212.0	
$ 103 4-Bromofluorobenzene	174	8.897	8.896	0.001	97	295480	50.0	51.7	
104 Bromobenzene	156	9.000	9.000	0.000	92	1001101	200.0	200.2	
106 1,1,2,2-Tetrachloroethane	83	9.043	9.043	0.000	98	987444	200.0	209.6	
105 1,2,3-Trichloropropane	110	9.061	9.061	0.000	96	286201	200.0	211.8	
107 trans-1,4-Dichloro-2-butene	53	9.086	9.085	0.001	96	223463	200.0	210.9	
108 N-Propylbenzene	120	9.122	9.122	0.000	99	1019603	200.0	211.8	
109 2-Chlorotoluene	126	9.171	9.171	0.000	96	916712	200.0	204.9	
110 4-Ethyltoluene	105	9.220	9.213	0.007	100	3713967	200.0	217.1	
111 4-Chlorotoluene	91	9.262	9.256	0.006	97	2804876	200.0	203.3	
112 1,3,5-Trimethylbenzene	105	9.269	9.268	0.001	94	3180337	200.0	219.9	
100 Butyl Methacrylate	87	9.378	9.372	0.006	85	1052890	200.0	238.7	
113 tert-Butylbenzene	119	9.512	9.512	0.000	95	2801739	200.0	223.8	
114 1,2,4-Trimethylbenzene	105	9.549	9.549	0.000	97	3340594	200.0	221.4	
115 sec-Butylbenzene	105	9.683	9.677	0.006	99	4292743	200.0	230.2	
116 1,3-Dichlorobenzene	146	9.744	9.738	0.006	100	1900769	200.0	200.5	
119 4-Isopropyltoluene	119	9.799	9.793	0.006	99	3770204	200.0	221.2	
* 117 1,4-Dichlorobenzene-d4	152	9.793	9.793	0.000	94	351223	50.0	50.0	
118 1,4-Dichlorobenzene	146	9.811	9.805	0.006	97	1884447	200.0	193.2	
120 1,2,3-Trimethylbenzene	105	9.860	9.860	0.000	98	3625574	200.0	221.0	
121 Benzyl chloride	126	9.915	9.915	0.000	99	426977	200.0	227.6	
122 2,3-Dihydroindene	117	9.994	9.994	0.000	94	3433398	200.0	217.7	
124 p-Diethylbenzene	119	10.073	10.073	0.000	94	2236735	200.0	215.8	
123 1,2-Dichlorobenzene	146	10.073	10.073	0.000	92	1880370	200.0	200.3	
125 n-Butylbenzene	92	10.092	10.091	0.001	97	1817558	200.0	210.7	
127 1,2,4,5-Tetramethylbenzene	119	10.616	10.616	0.000	97	3658601	200.0	237.1	
126 1,2-Dibromo-3-Chloropropane	157	10.628	10.628	0.000	88	273394	200.0	216.9	
128 1,3,5-Trichlorobenzene	180	10.774	10.774	0.000	97	1652310	200.0	205.3	
129 1,2,4-Trichlorobenzene	180	11.189	11.189	0.000	93	1566726	200.0	208.8	
130 Hexachlorobutadiene	225	11.317	11.317	0.000	97	829589	200.0	208.7	
131 Naphthalene	128	11.354	11.353	0.001	99	3799016	200.0	219.5	
132 1,2,3-Trichlorobenzene	180	11.530	11.530	0.000	96	1529759	200.0	204.8	
S 133 1,2-Dichloroethene, Total	100				0		400.0	373.8	
S 134 1,3-Dichloropropene, Total	100				0		400.0	421.1	
S 135 Xylenes, Total	100				0		400.0	408.6	
S 136 Total BTEX	1				0		1000.0	989.4	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GAS Hi_00467	Amount Added:	2.00	Units: uL	
Ethanol mix_00088	Amount Added:	2.00	Units: uL	
MIX I Hi_00175	Amount Added:	2.00	Units: uL	
MIX 2 Hi_00148	Amount Added:	2.00	Units: uL	
7 Freons Hi_00013	Amount Added:	2.00	Units: uL	
ACROLEIN W_00167	Amount Added:	5.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00245	Amount Added:	1.00	Units: uL	Run Reagent

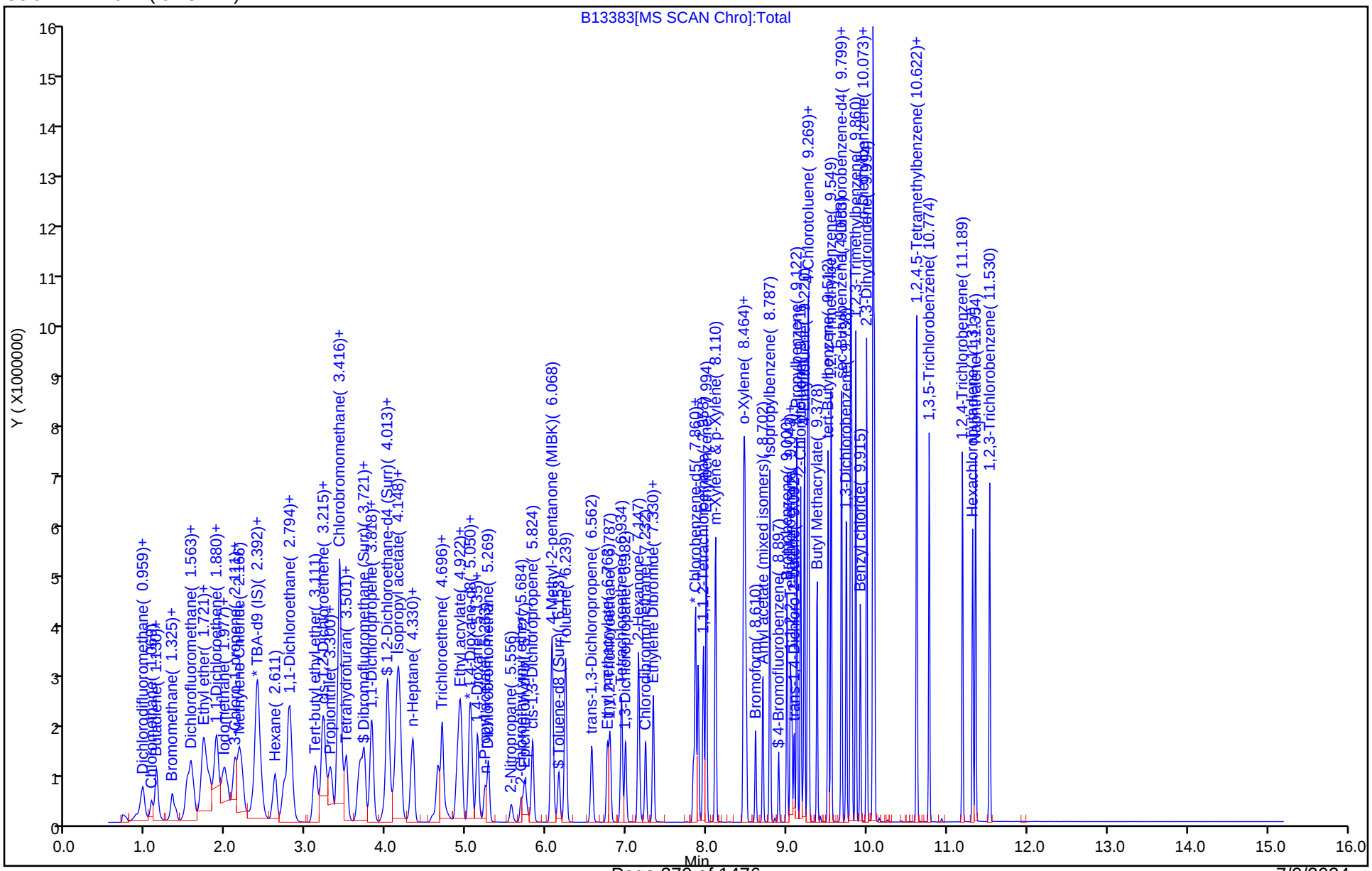
Report Date: 17-Apr-2024 20:43:48 Chrom Revision: 2.3 09-Apr-2024 17:43:44

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20240415-174688.b\B13383.D

Injection Date:	15-Apr-2024 07:45:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	STD200			Worklist Smp#:	7
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20240415-174688.b\B13384.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 15-Apr-2024 08:09:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0174688-008
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260S_2*sub20

Method: \\chromfs\Edison\ChromData\CVOAMS2\20240415-174688.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Apr-2024 20:43:59 Calib Date: 15-Apr-2024 13:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20240415-174688.b\B13395.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1605

First Level Reviewer: N1JZ Date: 16-Apr-2024 03:24:35

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Dichlorodifluoromethane	85	0.959	0.953	0.006	99	2372399	500.0	480.5	
4 Chlorodifluoromethane	67	0.965	0.965	0.000	97	292812	500.0	400.9	
5 Chloromethane	50	1.075	1.050	0.025	99	1647254	500.0	433.7	M
6 Butadiene	54	1.130	1.124	0.006	90	1303847	500.0	518.5	
7 Vinyl chloride	62	1.136	1.136	0.000	98	1742129	500.0	466.2	
8 Bromomethane	94	1.331	1.313	0.018	99	1366044	500.0	457.8	
9 Chloroethane	64	1.368	1.374	-0.006	99	937632	500.0	448.0	
10 Dichlorofluoromethane	67	1.520	1.502	0.018	99	2534901	500.0	499.3	
11 Trichlorofluoromethane	101	1.557	1.550	0.006	98	1884398	500.0	597.7	
12 Pentane	43	1.575	1.569	0.006	94	3614791	1000.0	891.3	
13 Ethyl ether	59	1.709	1.703	0.006	94	1186566	500.0	414.7	
14 Ethanol	46	1.715	1.715	0.000	80	311459	20000	24737	
15 2-Methyl-1,3-butadiene	53	1.715	1.721	-0.006	88	1291156	500.0	424.5	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.745	1.745	0.000	94	1591749	500.0	415.5	
17 1,1,1-Trifluoro-2,2-dichloroetha	83	1.788	1.788	0.000	94	2421987	500.0	417.8	a
18 Acrolein	56	1.800	1.794	0.006	51	250955	600.0	703.7	a
19 1,1-Dichloroethene	96	1.867	1.861	0.006	97	1680416	500.0	444.5	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.886	1.880	0.006	98	1776966	500.0	452.2	
21 Acetone	43	1.910	1.910	0.000	88	2549008	2500.0	2557.6	
22 Iodomethane	142	1.965	1.959	0.006	97	3691014	500.0	466.1	
23 Carbon disulfide	76	2.014	2.001	0.013	98	6441742	500.0	461.8	
24 Isopropyl alcohol	45	2.032	2.038	-0.006	96	809878	5000.0	5793.5	a
25 3-Chloro-1-propene	39	2.105	2.105	0.000	94	2537886	500.0	602.8	
27 Acetonitrile	40	2.111	2.111	0.000	85	708193	5000.0	6147.2	
26 Methyl acetate	43	2.136	2.136	0.000	97	2382988	1000.0	753.5	
28 Methylene Chloride	84	2.203	2.203	0.000	85	2094882	500.0	427.5	
* 29 TBA-d9 (IS)	65	2.300	2.294	0.006	0	402348	1000.0	1000.0	Ma
30 2-Methyl-2-propanol	59	2.361	2.367	-0.006	91	2163343	5000.0	5236.5	a
31 Acrylonitrile	53	2.386	2.379	0.007	94	5727071	5000.0	5347.0	
32 trans-1,2-Dichloroethene	96	2.398	2.392	0.006	92	1969594	500.0	440.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	2.422	2.416	0.006	97	5044176	500.0	432.9	
34 Hexane	57	2.611	2.611	0.000	89	2502668	500.0	474.1	
35 1,1-Dichloroethane	63	2.721	2.715	0.006	99	3177138	500.0	453.4	
36 Vinyl acetate	86	2.782	2.776	0.006	99	675856	1000.0	1064.4	
37 2-Chloro-1,3-butadiene	88	2.800	2.788	0.012	88	1688740	500.0	470.5	
38 Isopropyl ether	45	2.812	2.806	0.006	83	4784051	500.0	462.2	
39 Tert-butyl ethyl ether	87	3.111	3.111	0.000	90	2213961	500.0	464.3	
* 40 2-Butanone-d5	46	3.190	3.184	0.006	0	324500	250.0	250.0	a
41 cis-1,2-Dichloroethene	96	3.209	3.209	0.000	99	2215971	500.0	459.2	
42 2,2-Dichloropropane	79	3.221	3.221	0.000	93	753704	500.0	434.7	
43 2-Butanone (MEK)	72	3.245	3.239	0.006	97	1107181	2500.0	2636.6	
44 Propionitrile	54	3.300	3.288	0.012	94	2249575	5000.0	4734.9	
45 Ethyl acetate	43	3.306	3.300	0.006	99	2872914	1000.0	1055.5	
62 Methyl acrylate	55	3.331	3.324	0.007	99	1742921	500.0	434.4	a
46 Chlorobromomethane	128	3.422	3.410	0.012	80	1160728	500.0	456.5	
47 Methacrylonitrile	67	3.428	3.416	0.012	89	6789231	5000.0	4343.1	
48 Tetrahydrofuran	42	3.471	3.471	0.000	88	1092395	1000.0	953.1	
49 Chloroform	83	3.507	3.501	0.006	99	3400524	500.0	454.1	
$ 50 Dibromofluoromethane (Surr)	113	3.654	3.641	0.013	98	238335	50.0	48.1	
51 1,1,1-Trichloroethane	97	3.678	3.666	0.012	97	2820226	500.0	463.1	
52 Cyclohexane	84	3.727	3.721	0.006	86	2972629	500.0	476.1	
54 1,1-Dichloropropene	75	3.818	3.812	0.006	98	2507425	500.0	475.6	
53 Carbon tetrachloride	117	3.830	3.824	0.006	97	2631779	500.0	462.3	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	3.958	3.952	0.006	0	218080	50.0	46.8	
56 Benzene	78	4.013	4.007	0.006	95	7442373	500.0	461.9	
58 Isobutyl alcohol	42	4.032	4.032	0.000	89	1042147	12500	13563	
57 1,2-Dichloroethane	62	4.038	4.032	0.006	98	2298450	500.0	451.7	
73 Isopropyl acetate	61	4.160	4.160	0.000	95	623924	500.0	453.2	
59 Tert-amyl methyl ether	73	4.178	4.160	0.018	89	5875279	500.0	449.9	
* 60 Fluorobenzene	96	4.306	4.306	0.000	100	723994	50.0	50.0	a
61 n-Heptane	43	4.336	4.336	0.000	86	2306792	500.0	478.2	
63 Trichloroethene	95	4.696	4.696	0.000	96	2013935	500.0	486.5	
64 n-Butanol	43	4.733	4.720	0.013	84	547874	12500	12495	
66 Ethyl acrylate	55	4.891	4.891	0.000	98	4341711	500.0	485.4	
65 Methylcyclohexane	83	4.916	4.903	0.013	95	3639272	500.0	504.6	
67 1,2-Dichloropropane	63	4.946	4.934	0.012	93	1849759	500.0	474.6	
68 Dibromomethane	93	5.068	5.056	0.012	92	1226333	500.0	462.1	
* 69 1,4-Dioxane-d8	96	5.062	5.056	0.006	0	41532	1000.0	1000.0	
70 1,4-Dioxane	88	5.129	5.135	-0.006	84	352421	10000	8016.1	
71 Methyl methacrylate	100	5.141	5.135	0.006	84	1043409	1000.0	968.0	
81 n-Propyl acetate	43	5.233	5.233	0.000	96	1925786	500.0	454.1	
72 Dichlorobromomethane	83	5.275	5.269	0.006	98	2586067	500.0	495.6	
74 2-Nitropropane	41	5.562	5.556	0.006	96	723847	1000.0	930.0	
75 2-Chloroethyl vinyl ether	63	5.690	5.678	0.012	91	845184	501.2	490.3	
76 Epichlorohydrin	57	5.739	5.720	0.019	99	3188427	10000	10707	
77 cis-1,3-Dichloropropene	75	5.830	5.824	0.006	89	3206260	500.0	515.8	
78 4-Methyl-2-pentanone (MIBK)	43	6.074	6.068	0.006	93	7075540	2500.0	2619.8	
$ 79 Toluene-d8 (Surr)	98	6.159	6.147	0.012	99	894368	50.0	50.0	
80 Toluene	91	6.245	6.232	0.013	92	8371679	500.0	488.8	
82 trans-1,3-Dichloropropene	75	6.568	6.562	0.006	94	2738097	500.0	516.5	
84 Ethyl methacrylate	69	6.763	6.757	0.006	86	2392935	500.0	528.3	a
83 1,1,2-Trichloroethane	83	6.793	6.787	0.006	96	1386674	500.0	471.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Tetrachloroethene	166	6.940	6.933	0.007	97	2319081	500.0	478.8	
86 1,3-Dichloropropane	76	6.988	6.982	0.006	89	2760397	500.0	489.9	
87 2-Hexanone	43	7.153	7.147	0.006	92	4770333	2500.0	2633.5	
88 Chlorodibromomethane	129	7.238	7.232	0.006	98	2283136	500.0	506.8	
89 Ethylene Dibromide	107	7.336	7.324	0.012	92	1798947	500.0	480.9	
90 n-Butyl acetate	43	7.330	7.330	0.000	96	2004561	500.0	439.3	
* 91 Chlorobenzene-d5	117	7.836	7.830	0.006	82	634955	50.0	50.0	
92 Chlorobenzene	112	7.860	7.854	0.006	97	5729459	500.0	486.4	
93 1,1,1,2-Tetrachloroethane	131	7.958	7.952	0.006	96	2258102	500.0	500.0	
94 Ethylbenzene	106	7.994	7.994	0.000	98	2927319	500.0	486.9	
95 m-Xylene & p-Xylene	106	8.110	8.110	0.000	0	3685184	500.0	498.5	
96 o-Xylene	106	8.464	8.458	0.006	94	3688168	500.0	497.9	
97 Styrene	104	8.476	8.470	0.006	97	6138697	500.0	524.1	
98 n-Butyl acrylate	73	8.494	8.494	0.000	98	1362146	500.0	487.9	
99 Bromoform	173	8.610	8.610	0.000	99	1679687	500.0	485.5	
101 Amyl acetate (mixed isomers)	43	8.701	8.695	0.006	93	2378214	500.0	512.8	
102 Isopropylbenzene	105	8.793	8.787	0.006	94	9276817	500.0	523.2	
$ 103 4-Bromofluorobenzene	174	8.897	8.896	0.001	97	315066	50.0	54.3	
104 Bromobenzene	156	9.006	9.000	0.006	91	2665363	500.0	524.9	
106 1,1,2,2-Tetrachloroethane	83	9.043	9.043	0.000	99	2383847	500.0	498.2	
105 1,2,3-Trichloropropane	110	9.061	9.061	0.000	96	686963	500.0	500.6	
107 trans-1,4-Dichloro-2-butene	53	9.092	9.085	0.007	95	529980	500.0	492.4	
108 N-Propylbenzene	120	9.128	9.122	0.006	100	2508578	500.0	513.2	e
109 2-Chlorotoluene	126	9.177	9.171	0.006	96	2377558	500.0	523.2	a
110 4-Ethyltoluene	105	9.220	9.213	0.007	100	9498541	500.0	546.8	
111 4-Chlorotoluene	91	9.262	9.256	0.006	98	7483305	500.0	534.0	
112 1,3,5-Trimethylbenzene	105	9.275	9.268	0.006	93	8327641	500.0	566.9	
100 Butyl Methacrylate	87	9.378	9.372	0.006	85	2645169	500.0	590.6	
113 tert-Butylbenzene	119	9.518	9.512	0.006	95	7557542	500.0	594.4	
114 1,2,4-Trimethylbenzene	105	9.555	9.549	0.006	97	8722875	500.0	569.2	e
115 sec-Butylbenzene	105	9.683	9.677	0.006	98	10274856	500.0	542.6	e
116 1,3-Dichlorobenzene	146	9.744	9.738	0.006	99	5003839	500.0	519.8	
119 4-Isopropyltoluene	119	9.799	9.793	0.006	98	9396191	500.0	542.8	e
* 117 1,4-Dichlorobenzene-d4	152	9.793	9.793	0.000	87	356691	50.0	50.0	
118 1,4-Dichlorobenzene	146	9.811	9.805	0.006	97	4860157	500.0	490.6	
120 1,2,3-Trimethylbenzene	105	9.866	9.860	0.006	97	8933457	500.0	536.3	e
121 Benzyl chloride	126	9.921	9.915	0.006	99	1001542	500.0	525.7	
122 2,3-Dihydroindene	117	10.000	9.994	0.006	95	8542823	500.0	495.5	e
124 p-Diethylbenzene	119	10.079	10.073	0.006	93	5513724	500.0	523.8	
123 1,2-Dichlorobenzene	146	10.079	10.073	0.006	96	4767131	500.0	500.1	
125 n-Butylbenzene	92	10.098	10.091	0.007	98	4660217	500.0	531.9	
127 1,2,4,5-Tetramethylbenzene	119	10.622	10.616	0.006	98	8742884	500.0	558.0	e
126 1,2-Dibromo-3-Chloropropane	157	10.628	10.628	0.000	87	616505	500.0	481.6	
128 1,3,5-Trichlorobenzene	180	10.780	10.774	0.006	97	4106587	500.0	502.5	
129 1,2,4-Trichlorobenzene	180	11.195	11.189	0.006	93	3954286	500.0	519.0	
130 Hexachlorobutadiene	225	11.317	11.317	0.000	97	2174508	500.0	538.7	
131 Naphthalene	128	11.353	11.353	0.000	99	9059353	500.0	515.3	e
132 1,2,3-Trichlorobenzene	180	11.530	11.530	0.000	96	3849578	500.0	507.4	
S 133 1,2-Dichloroethene, Total	100				0		1000.0	899.8	
S 134 1,3-Dichloropropene, Total	100				0		1000.0	1032.3	
S 135 Xylenes, Total	100				0		1000.0	996.4	
S 136 Total BTEX	1				0		2500.0	2434.0	

QC Flag Legend

Processing Flags

e - Potential Peak Saturated

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GAS Hi_00467	Amount Added:	5.00	Units: uL	
Ethanol mix_00088	Amount Added:	5.00	Units: uL	
MIX I Hi_00175	Amount Added:	5.00	Units: uL	
MIX 2 Hi_00148	Amount Added:	5.00	Units: uL	
7 Freons Hi_00013	Amount Added:	5.00	Units: uL	
ACROLEIN W_00167	Amount Added:	6.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00245	Amount Added:	1.00	Units: uL	Run Reagent

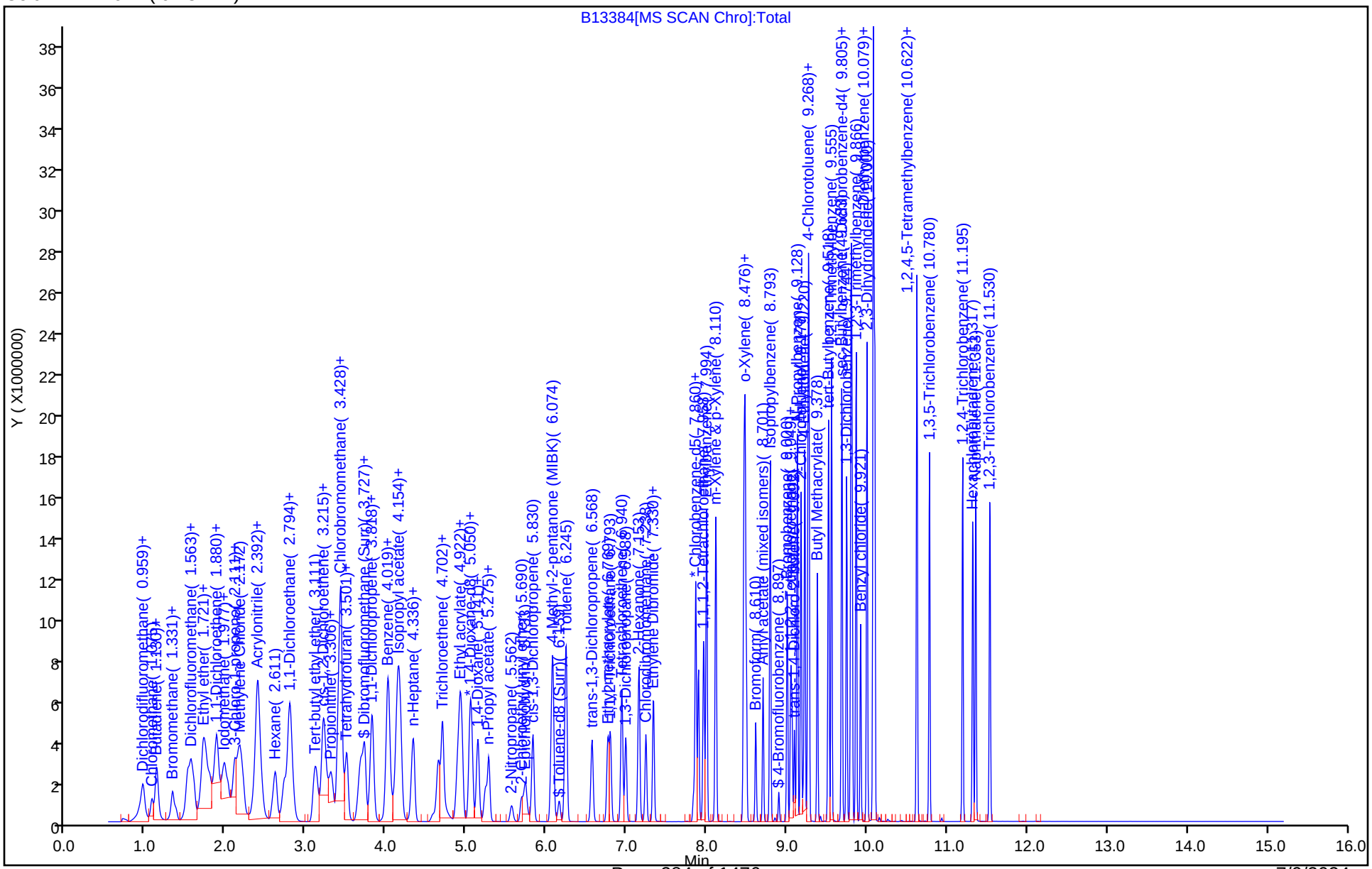
Report Date: 17-Apr-2024 20:44:00 Chrom Revision: 2.3 09-Apr-2024 17:43:44

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20240415-174688.b\B13384.D

Injection Date:	15-Apr-2024 08:09:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	STD500			Worklist Smp#:	8
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



7/9/2024
8:32:15 AM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20240415-174688.b\B13392.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 15-Apr-2024 11:57:30 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0174688-016
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260S_2*sub20

Method: \\chromfs\Edison\ChromData\CVOAMS2\20240415-174688.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Apr-2024 20:44:11 Calib Date: 15-Apr-2024 13:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20240415-174688.b\B13395.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1605

First Level Reviewer: N1JZ Date: 16-Apr-2024 03:20:01

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Dichlorodifluoromethane	85	0.965	0.953	0.012	59	3723	1.00	0.8996	
4 Chlorodifluoromethane	67	0.971	0.965	0.006	94	792	1.00	1.29	M
5 Chloromethane	50	1.038	1.050	-0.012	95	3263	1.00	1.02	M
6 Butadiene	54	1.106	1.124	-0.018	81	1715	1.00	0.8136	
7 Vinyl chloride	62	1.136	1.136	0.000	87	3323	1.00	1.06	
8 Bromomethane	94	1.313	1.313	0.000	96	2755	1.00	1.10	
9 Chloroethane	64	1.368	1.374	-0.006	5	1765	1.00	1.01	
10 Dichlorofluoromethane	67	1.496	1.502	-0.006	1	1436	1.00	0.3910	Ma
11 Trichlorofluoromethane	101	1.514	1.550	-0.036	1	1931	1.00	0.7307	M
12 Pentane	43	1.563	1.569	-0.006	93	7412	2.00	2.18	a
13 Ethyl ether	59	1.703	1.703	0.000	76	3169	1.00	1.32	
15 2-Methyl-1,3-butadiene	53	1.715	1.721	-0.006	89	2770	1.00	1.09	M
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.746	1.745	0.001	85	3877	1.00	1.21	M
17 1,1,1-Trifluoro-2,2-dichloroetha	83	1.794	1.788	0.006	55	5808	1.00	1.20	a
18 Acrolein	56	1.800	1.794	0.006	95	33542	100.0	97.0	
19 1,1-Dichloroethene	96	1.868	1.861	0.007	69	3416	1.00	1.08	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.880	1.880	0.000	70	3328	1.00	1.01	M
21 Acetone	43	1.898	1.910	-0.012	20	5970	5.00	6.75	M
22 Iodomethane	142	1.953	1.959	-0.006	74	6790	1.00	1.02	
23 Carbon disulfide	76	2.002	2.001	0.001	95	11705	1.00	1.00	a
24 Isopropyl alcohol	45	2.038	2.038	0.000	26	1397	10.0	10.3	a
25 3-Chloro-1-propene	39	2.105	2.105	0.000	62	2563	1.00	0.7263	
27 Acetonitrile	40	2.093	2.111	-0.018	73	805	10.0	7.21	M
26 Methyl acetate	43	2.148	2.136	0.012	26	6722	2.00	2.54	a
28 Methylene Chloride	84	2.191	2.203	-0.012	57	5075	1.00	1.24	
* 29 TBA-d9 (IS)	65	2.294	2.294	0.000	0	390183	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.367	2.367	0.000	31	4192	10.0	10.5	M
31 Acrylonitrile	53	2.386	2.379	0.007	59	11888	10.0	11.4	
32 trans-1,2-Dichloroethene	96	2.386	2.392	-0.006	70	4098	1.00	1.09	
33 Methyl tert-butyl ether	73	2.404	2.416	-0.012	93	10233	1.00	1.05	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 Hexane	57	2.624	2.611	0.013	84	4438	1.00	1.00	
35 1,1-Dichloroethane	63	2.721	2.715	0.006	96	6359	1.00	1.08	
36 Vinyl acetate	86	2.764	2.776	-0.012	99	949	2.00	1.68	M
37 2-Chloro-1,3-butadiene	88	2.788	2.788	0.000	87	2920	1.00	0.9705	
38 Isopropyl ether	45	2.806	2.806	0.000	81	8957	1.00	1.03	
39 Tert-butyl ethyl ether	87	3.111	3.111	0.000	42	3902	1.00	0.9762	a
* 40 2-Butanone-d5	46	3.184	3.184	0.000	0	288102	250.0	250.0	
41 cis-1,2-Dichloroethene	96	3.203	3.209	-0.006	92	4232	1.00	1.05	
42 2,2-Dichloropropane	79	3.221	3.221	0.000	40	1444	1.00	0.99	a
43 2-Butanone (MEK)	72	3.215	3.239	-0.024	45	1701	5.00	4.56	
44 Propionitrile	54	3.300	3.288	0.012	1	4360	10.0	10.3	
45 Ethyl acetate	43	3.300	3.300	0.000	59	4034	2.00	1.67	
62 Methyl acrylate	55	3.325	3.324	0.001	25	3116	1.00	0.9266	a
46 Chlorobromomethane	128	3.416	3.410	0.006	55	2143	1.00	1.01	
47 Methacrylonitrile	67	3.410	3.416	-0.006	86	12287	10.0	9.38	
48 Tetrahydrofuran	42	3.489	3.471	0.018	33	1763	2.00	1.73	M
49 Chloroform	83	3.501	3.501	0.000	97	6895	1.00	1.10	
$ 50 Dibromofluoromethane (Surr)	113	3.648	3.641	0.007	98	210825	50.0	50.7	
51 1,1,1-Trichloroethane	97	3.666	3.666	0.000	94	5161	1.00	1.01	
52 Cyclohexane	84	3.709	3.721	-0.012	88	5228	1.00	1.00	a
54 1,1-Dichloropropene	75	3.812	3.812	0.000	95	4626	1.00	1.05	
53 Carbon tetrachloride	117	3.831	3.824	0.007	95	4921	1.00	1.03	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	3.959	3.952	0.007	0	195857	50.0	50.1	
56 Benzene	78	4.007	4.007	0.000	91	14477	1.00	1.11	
58 Isobutyl alcohol	42	4.074	4.032	0.042	31	1754	25.0	23.5	a
57 1,2-Dichloroethane	62	4.026	4.032	-0.006	42	4757	1.00	1.12	
73 Isopropyl acetate	61	4.172	4.160	0.012	86	1031	1.00	0.8935	
59 Tert-amyl methyl ether	73	4.160	4.160	0.000	89	9761	1.00	0.8918	
* 60 Fluorobenzene	96	4.306	4.306	0.000	99	606877	50.0	50.0	
61 n-Heptane	43	4.337	4.336	0.001	81	4274	1.00	1.06	a
63 Trichloroethene	95	4.690	4.696	-0.006	94	3664	1.00	1.06	
64 n-Butanol	43	4.739	4.720	0.019	23	531	25.0	13.4	M
66 Ethyl acrylate	55	4.897	4.891	0.006	78	6910	1.00	0.9217	
65 Methylcyclohexane	83	4.910	4.903	0.007	91	5583	1.00	0.9234	
67 1,2-Dichloropropane	63	4.946	4.934	0.012	93	3428	1.00	1.05	
68 Dibromomethane	93	5.056	5.056	0.000	51	2267	1.00	1.02	
* 69 1,4-Dioxane-d8	96	5.056	5.056	0.000	0	26271	1000.0	1000.0	
71 Methyl methacrylate	100	5.135	5.135	0.000	86	1612	2.00	1.78	
81 n-Propyl acetate	43	5.227	5.233	-0.006	97	3246	1.00	0.9132	
72 Dichlorobromomethane	83	5.263	5.269	-0.006	96	4471	1.00	1.02	
74 2-Nitropropane	41	5.568	5.556	0.012	60	1190	2.00	1.82	
75 2-Chloroethyl vinyl ether	63	5.678	5.678	0.000	2	768	1.00	1.02	Ma
76 Epichlorohydrin	57	5.714	5.720	-0.006	96	4851	20.0	18.3	a
77 cis-1,3-Dichloropropene	75	5.830	5.824	0.006	91	4538	1.00	0.9025	
78 4-Methyl-2-pentanone (MIBK)	43	6.074	6.068	0.006	93	10958	5.00	4.57	M
$ 79 Toluene-d8 (Surr)	98	6.147	6.147	0.000	99	719007	50.0	49.7	
80 Toluene	91	6.233	6.232	0.001	95	14924	1.00	1.08	
82 trans-1,3-Dichloropropene	75	6.562	6.562	0.000	94	4044	1.00	0.9432	
84 Ethyl methacrylate	69	6.757	6.757	0.000	84	3060	1.00	0.8059	
83 1,1,2-Trichloroethane	83	6.781	6.787	-0.006	95	2352	1.00	0.9878	
85 Tetrachloroethene	166	6.928	6.933	-0.005	95	4189	1.00	1.07	
86 1,3-Dichloropropane	76	6.982	6.982	0.000	89	4487	1.00	0.9845	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
87 2-Hexanone	43	7.147	7.147	0.000	93	7293	5.00	4.53	
88 Chlorodibromomethane	129	7.232	7.232	0.000	95	3320	1.00	0.9111	
89 Ethylene Dibromide	107	7.330	7.324	0.006	94	2952	1.00	0.9756	
90 n-Butyl acetate	43	7.336	7.330	0.006	95	3517	1.00	0.9529	
* 91 Chlorobenzene-d5	117	7.830	7.830	0.000	84	513589	50.0	50.0	
92 Chlorobenzene	112	7.854	7.854	0.000	96	10411	1.00	1.09	
93 1,1,1,2-Tetrachloroethane	131	7.952	7.952	0.000	95	3384	1.00	0.9264	
94 Ethylbenzene	106	7.994	7.994	0.000	98	4808	1.00	0.9887	
95 m-Xylene & p-Xylene	106	8.104	8.110	-0.006	0	5749	1.00	0.9614	
96 o-Xylene	106	8.458	8.458	0.000	94	5746	1.00	0.9590	
97 Styrene	104	8.470	8.470	0.000	97	8132	1.00	0.8584	
98 n-Butyl acrylate	73	8.488	8.494	-0.006	96	1815	1.00	0.8037	
99 Bromoform	173	8.610	8.610	0.000	97	2942	1.00	1.05	
101 Amyl acetate (mixed isomers)	43	8.695	8.695	0.000	93	3674	1.00	0.8635	
102 Isopropylbenzene	105	8.787	8.787	0.000	95	12986	1.00	0.9055	
$ 103 4-Bromofluorobenzene	174	8.897	8.896	0.001	97	261607	50.0	49.1	
104 Bromobenzene	156	9.000	9.000	0.000	89	4990	1.00	1.07	
106 1,1,2,2-Tetrachloroethane	83	9.043	9.043	0.000	95	4156	1.00	0.9466	
105 1,2,3-Trichloropropane	110	9.061	9.061	0.000	92	1011	1.00	0.8029	
107 trans-1,4-Dichloro-2-butene	53	9.086	9.085	0.001	82	910	1.00	0.9215	
108 N-Propylbenzene	120	9.122	9.122	0.000	99	4438	1.00	0.9896	
109 2-Chlorotoluene	126	9.171	9.171	0.000	96	4279	1.00	1.03	
110 4-Ethyltoluene	105	9.214	9.213	0.001	99	14916	1.00	0.9359	
111 4-Chlorotoluene	91	9.256	9.256	0.000	97	12999	1.00	1.01	
112 1,3,5-Trimethylbenzene	105	9.269	9.268	0.001	94	11326	1.00	0.8403	
100 Butyl Methacrylate	87	9.378	9.372	0.006	89	3009	1.00	0.7322	
113 tert-Butylbenzene	119	9.512	9.512	0.000	96	9743	1.00	0.8351	
114 1,2,4-Trimethylbenzene	105	9.549	9.549	0.000	96	11990	1.00	0.8528	
115 sec-Butylbenzene	105	9.677	9.677	0.000	99	14861	1.00	0.8553	
116 1,3-Dichlorobenzene	146	9.738	9.738	0.000	95	8915	1.00	1.01	
119 4-Isopropyltoluene	119	9.793	9.793	0.000	83	14760	1.00	0.9294	
* 117 1,4-Dichlorobenzene-d4	152	9.793	9.793	0.000	93	327272	50.0	50.0	
118 1,4-Dichlorobenzene	146	9.805	9.805	0.000	92	10213	1.00	1.12	
120 1,2,3-Trimethylbenzene	105	9.854	9.860	-0.006	97	13848	1.00	0.9061	
121 Benzyl chloride	126	9.915	9.915	0.000	99	1629	1.00	0.9320	
122 2,3-Dihydroindene	117	9.994	9.994	0.000	95	12931	1.00	0.8948	a
124 p-Diethylbenzene	119	10.073	10.073	0.000	94	9091	1.00	0.9413	
123 1,2-Dichlorobenzene	146	10.073	10.073	0.000	96	8808	1.00	1.01	
125 n-Butylbenzene	92	10.085	10.091	-0.006	96	7523	1.00	0.9358	
127 1,2,4,5-Tetramethylbenzene	119	10.616	10.616	0.000	98	12538	1.00	0.8721	
126 1,2-Dibromo-3-Chloropropane	157	10.628	10.628	0.000	31	1053	1.00	0.8965	
128 1,3,5-Trichlorobenzene	180	10.774	10.774	0.000	97	8092	1.00	1.08	
129 1,2,4-Trichlorobenzene	180	11.189	11.189	0.000	93	7361	1.00	1.05	
130 Hexachlorobutadiene	225	11.317	11.317	0.000	95	3969	1.00	1.07	
131 Naphthalene	128	11.354	11.353	0.001	99	15380	1.00	0.9534	
132 1,2,3-Trichlorobenzene	180	11.530	11.530	0.000	97	7374	1.00	1.06	
S 133 1,2-Dichloroethene, Total	100				0		2.00	2.14	
S 134 1,3-Dichloropropene, Total	100				0		2.00	1.85	
S 135 Xylenes, Total	100				0		2.00	1.92	
S 136 Total BTEX	1				0		5.00	5.10	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

524FREONS_00018	Amount Added:	1.00	Units: uL	
8260MIX1COMB_00186	Amount Added:	1.00	Units: uL	
ACROLEIN W_00167	Amount Added:	10.00	Units: uL	
GASES- ALT_00001	Amount Added:	1.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00245	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 17-Apr-2024 20:44:12 Chrom Revision: 2.3 09-Apr-2024 17:43:44

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20240415-174688.b\B13392.D

Injection Date: 15-Apr-2024 11:57:30 Instrument ID: CVOAMS2 Operator ID:

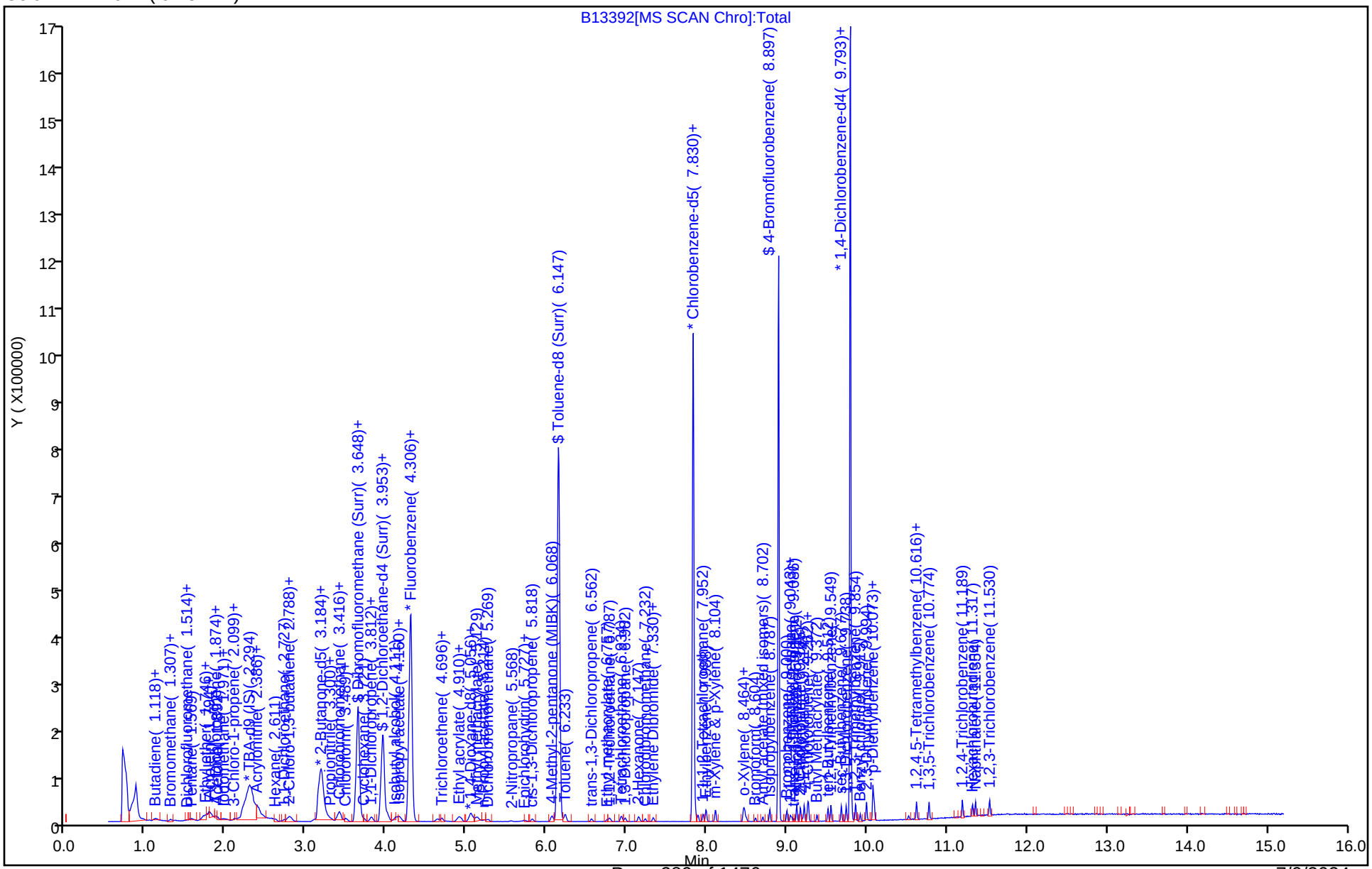
Lims ID: STD1 Worklist Smp#: 16

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 15

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



7/9/2024
8:32:15 AM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20240415-174688.b\B13393.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 15-Apr-2024 12:22:30 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0174688-017
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260S_2*sub20

Method: \\chromfs\Edison\ChromData\CVOAMS2\20240415-174688.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Apr-2024 20:44:23 Calib Date: 15-Apr-2024 13:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20240415-174688.b\B13395.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1605

First Level Reviewer: N1JZ Date: 16-Apr-2024 03:14:13

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Dichlorodifluoromethane	85	0.965	0.953	0.012	87	21478	5.00	5.05	
4 Chlorodifluoromethane	67	0.965	0.965	0.000	95	3570	5.00	5.68	
5 Chloromethane	50	1.044	1.050	-0.006	99	20048	5.00	6.13	
6 Butadiene	54	1.117	1.124	-0.007	91	10266	5.00	4.74	
7 Vinyl chloride	62	1.136	1.136	0.000	95	15954	5.00	4.96	
8 Bromomethane	94	1.306	1.313	-0.007	99	12844	5.00	5.00	
9 Chloroethane	64	1.367	1.374	-0.007	98	9329	5.00	5.18	
10 Dichlorofluoromethane	67	1.502	1.502	0.000	96	10397	5.00	2.75	
11 Trichlorofluoromethane	101	1.538	1.550	-0.012	97	11958	5.00	4.41	M
12 Pentane	43	1.575	1.569	0.006	94	39452	10.0	11.3	
13 Ethyl ether	59	1.709	1.703	0.006	52	13416	5.00	5.45	
14 Ethanol	46	1.697	1.715	-0.018	37	1554	200.0	105.6	M
15 2-Methyl-1,3-butadiene	53	1.727	1.721	0.006	80	14662	5.00	5.60	Ma
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.739	1.745	-0.006	83	18983	5.00	5.76	M
17 1,1,1-Trifluoro-2,2-dichloroetha	83	1.782	1.788	-0.006	63	30264	5.00	6.07	a
18 Acrolein	56	1.794	1.794	0.000	96	86275	200.0	207.0	
19 1,1-Dichloroethene	96	1.867	1.861	0.006	93	18180	5.00	5.59	a
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.886	1.880	0.006	97	18352	5.00	5.42	
21 Acetone	43	1.898	1.910	-0.012	39	19840	25.0	20.4	a
22 Iodomethane	142	1.959	1.959	0.000	98	38202	5.00	5.60	
23 Carbon disulfide	76	2.008	2.001	0.007	99	68252	5.00	5.68	
24 Isopropyl alcohol	45	2.026	2.038	-0.012	32	7658	50.0	46.9	Ma
25 3-Chloro-1-propene	39	2.105	2.105	0.000	95	20604	5.00	5.69	
27 Acetonitrile	40	2.111	2.111	0.000	76	6589	50.0	48.9	M
26 Methyl acetate	43	2.123	2.136	-0.013	97	30562	10.0	11.2	
28 Methylene Chloride	84	2.203	2.203	0.000	86	23570	5.00	5.59	
* 29 TBA-d9 (IS)	65	2.294	2.294	0.000	0	470166	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.343	2.367	-0.024	91	23572	50.0	48.8	
31 Acrylonitrile	53	2.379	2.379	0.000	99	63125	50.0	50.4	
32 trans-1,2-Dichloroethene	96	2.392	2.392	0.000	91	22249	5.00	5.78	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	2.416	2.416	0.000	97	54015	5.00	5.38	
34 Hexane	57	2.611	2.611	0.000	89	24967	5.00	5.49	
35 1,1-Dichloroethane	63	2.715	2.715	0.000	99	34058	5.00	5.65	
36 Vinyl acetate	86	2.788	2.776	0.012	99	6771	10.0	10.9	M
37 2-Chloro-1,3-butadiene	88	2.788	2.788	0.000	75	16477	5.00	5.33	
38 Isopropyl ether	45	2.812	2.806	0.006	86	47598	5.00	5.34	
39 Tert-butyl ethyl ether	87	3.111	3.111	0.000	94	21705	5.00	5.29	
* 40 2-Butanone-d5	46	3.184	3.184	0.000	0	317376	250.0	250.0	
41 cis-1,2-Dichloroethene	96	3.209	3.209	0.000	98	23076	5.00	5.55	
42 2,2-Dichloropropane	79	3.209	3.221	-0.012	91	9177	5.00	6.15	a
43 2-Butanone (MEK)	72	3.233	3.239	-0.006	90	10723	25.0	26.1	
44 Propionitrile	54	3.294	3.288	0.006	69	25321	50.0	54.5	
45 Ethyl acetate	43	3.300	3.300	0.000	97	25306	10.0	9.51	
62 Methyl acrylate	55	3.324	3.324	0.000	73	17992	5.00	5.21	a
46 Chlorobromomethane	128	3.410	3.410	0.000	56	11743	5.00	5.37	
47 Methacrylonitrile	67	3.416	3.416	0.000	85	71705	50.0	53.3	
48 Tetrahydrofuran	42	3.471	3.471	0.000	59	13046	10.0	11.6	
49 Chloroform	83	3.501	3.501	0.000	99	36273	5.00	5.63	
$ 50 Dibromofluoromethane (Surr)	113	3.647	3.641	0.006	98	212614	50.0	49.8	
51 1,1,1-Trichloroethane	97	3.660	3.666	-0.006	97	29845	5.00	5.69	
52 Cyclohexane	84	3.715	3.721	-0.006	87	29649	5.00	5.52	
54 1,1-Dichloropropene	75	3.812	3.812	0.000	96	24504	5.00	5.40	
53 Carbon tetrachloride	117	3.824	3.824	0.000	89	27566	5.00	5.62	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	3.952	3.952	0.000	0	197418	50.0	49.2	
56 Benzene	78	4.007	4.007	0.000	95	76983	5.00	5.69	
58 Isobutyl alcohol	42	4.044	4.032	0.012	41	12535	125.0	139.6	a
57 1,2-Dichloroethane	62	4.032	4.032	0.000	96	23694	5.00	5.41	
73 Isopropyl acetate	61	4.160	4.160	0.000	81	5832	5.00	4.92	
59 Tert-amyl methyl ether	73	4.166	4.160	0.006	84	58621	5.00	5.22	
* 60 Fluorobenzene	96	4.300	4.306	-0.006	99	623212	50.0	50.0	
61 n-Heptane	43	4.330	4.336	-0.006	87	22363	5.00	5.39	a
63 Trichloroethene	95	4.690	4.696	-0.006	95	18982	5.00	5.33	
64 n-Butanol	43	4.727	4.720	0.007	83	5251	125.0	109.8	
66 Ethyl acrylate	55	4.897	4.891	0.006	95	39781	5.00	5.17	
65 Methylcyclohexane	83	4.903	4.903	0.000	93	32630	5.00	5.26	
67 1,2-Dichloropropane	63	4.934	4.934	0.000	93	17759	5.00	5.29	
68 Dibromomethane	93	5.056	5.056	0.000	94	12161	5.00	5.32	
* 69 1,4-Dioxane-d8	96	5.062	5.056	0.006	0	31204	1000.0	1000.0	
70 1,4-Dioxane	88	5.111	5.135	-0.024	28	3765	100.0	114.0	
71 Methyl methacrylate	100	5.135	5.135	0.000	79	9075	10.0	9.78	
81 n-Propyl acetate	43	5.226	5.233	-0.007	96	18375	5.00	5.03	
72 Dichlorobromomethane	83	5.269	5.269	0.000	98	22865	5.00	5.09	
74 2-Nitropropane	41	5.550	5.556	-0.006	84	6522	10.0	9.73	
75 2-Chloroethyl vinyl ether	63	5.671	5.678	-0.007	89	6213	5.01	4.67	
76 Epichlorohydrin	57	5.726	5.720	0.006	98	28284	100.0	97.1	
77 cis-1,3-Dichloropropene	75	5.818	5.824	-0.006	89	26732	5.00	5.12	
78 4-Methyl-2-pentanone (MIBK)	43	6.068	6.068	0.000	94	66572	25.0	25.2	
$ 79 Toluene-d8 (Surr)	98	6.147	6.147	0.000	100	732176	50.0	48.7	
80 Toluene	91	6.232	6.232	0.000	92	77695	5.00	5.40	
82 trans-1,3-Dichloropropene	75	6.562	6.562	0.000	94	21836	5.00	4.90	
84 Ethyl methacrylate	69	6.757	6.757	0.000	87	17731	5.00	4.55	a
83 1,1,2-Trichloroethane	83	6.787	6.787	0.000	94	13053	5.00	5.28	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Tetrachloroethene	166	6.933	6.933	0.000	96	21806	5.00	5.36	
86 1,3-Dichloropropane	76	6.982	6.982	0.000	90	24185	5.00	5.11	
87 2-Hexanone	43	7.147	7.147	0.000	93	43517	25.0	24.6	
88 Chlorodibromomethane	129	7.232	7.232	0.000	97	19557	5.00	5.17	
89 Ethylene Dibromide	107	7.324	7.324	0.000	99	16442	5.00	5.23	
90 n-Butyl acetate	43	7.330	7.330	0.000	97	19618	5.00	5.12	
* 91 Chlorobenzene-d5	117	7.830	7.830	0.000	83	533343	50.0	50.0	
92 Chlorobenzene	112	7.854	7.854	0.000	97	53111	5.00	5.37	
93 1,1,1,2-Tetrachloroethane	131	7.952	7.952	0.000	95	20577	5.00	5.42	
94 Ethylbenzene	106	7.988	7.994	-0.006	97	26917	5.00	5.33	
95 m-Xylene & p-Xylene	106	8.110	8.110	0.000	0	32676	5.00	5.26	
96 o-Xylene	106	8.458	8.458	0.000	96	32328	5.00	5.20	
97 Styrene	104	8.470	8.470	0.000	97	49249	5.00	5.01	
98 n-Butyl acrylate	73	8.494	8.494	0.000	97	11217	5.00	4.78	
99 Bromoform	173	8.604	8.610	-0.006	98	14307	5.00	4.92	
101 Amyl acetate (mixed isomers)	43	8.701	8.695	0.006	93	21131	5.00	4.66	
102 Isopropylbenzene	105	8.787	8.787	0.000	95	75960	5.00	5.10	
$ 103 4-Bromofluorobenzene	174	8.896	8.896	0.000	97	268242	50.0	47.3	
104 Bromobenzene	156	9.000	9.000	0.000	91	25176	5.00	5.08	
106 1,1,2,2-Tetrachloroethane	83	9.043	9.043	0.000	97	23591	5.00	5.05	
105 1,2,3-Trichloropropane	110	9.061	9.061	0.000	95	7261	5.00	5.42	
107 trans-1,4-Dichloro-2-butene	53	9.085	9.085	0.000	90	5224	5.00	4.97	
108 N-Propylbenzene	120	9.122	9.122	0.000	100	24270	5.00	5.08	
109 2-Chlorotoluene	126	9.171	9.171	0.000	96	22523	5.00	5.07	
110 4-Ethyltoluene	105	9.213	9.213	0.000	99	84166	5.00	4.96	
111 4-Chlorotoluene	91	9.256	9.256	0.000	97	70029	5.00	5.12	
112 1,3,5-Trimethylbenzene	105	9.268	9.268	0.000	94	70963	5.00	4.95	
100 Butyl Methacrylate	87	9.372	9.372	0.000	87	19436	5.00	4.44	
113 tert-Butylbenzene	119	9.512	9.512	0.000	95	59144	5.00	4.76	
114 1,2,4-Trimethylbenzene	105	9.549	9.549	0.000	96	71837	5.00	4.80	
115 sec-Butylbenzene	105	9.677	9.677	0.000	99	88296	5.00	4.77	
116 1,3-Dichlorobenzene	146	9.738	9.738	0.000	97	49017	5.00	5.21	
119 4-Isopropyltoluene	119	9.793	9.793	0.000	98	82856	5.00	4.90	
* 117 1,4-Dichlorobenzene-d4	152	9.793	9.793	0.000	94	348420	50.0	50.0	
118 1,4-Dichlorobenzene	146	9.805	9.805	0.000	96	50421	5.00	5.21	
120 1,2,3-Trimethylbenzene	105	9.860	9.860	0.000	98	78963	5.00	4.85	
121 Benzyl chloride	126	9.915	9.915	0.000	99	8106	5.00	4.36	
122 2,3-Dihydroindene	117	9.994	9.994	0.000	94	75697	5.00	5.10	
124 p-Diethylbenzene	119	10.073	10.073	0.000	94	51076	5.00	4.97	
123 1,2-Dichlorobenzene	146	10.073	10.073	0.000	96	48491	5.00	5.21	
125 n-Butylbenzene	92	10.091	10.091	0.000	98	44151	5.00	5.16	
127 1,2,4,5-Tetramethylbenzene	119	10.616	10.616	0.000	97	67256	5.00	4.39	
126 1,2-Dibromo-3-Chloropropane	157	10.628	10.628	0.000	90	6043	5.00	4.83	
128 1,3,5-Trichlorobenzene	180	10.774	10.774	0.000	97	40425	5.00	5.06	
129 1,2,4-Trichlorobenzene	180	11.189	11.189	0.000	94	36338	5.00	4.88	
130 Hexachlorobutadiene	225	11.317	11.317	0.000	96	19533	5.00	4.95	
131 Naphthalene	128	11.353	11.353	0.000	99	78520	5.00	4.57	
132 1,2,3-Trichlorobenzene	180	11.530	11.530	0.000	97	36974	5.00	4.99	
S 133 1,2-Dichloroethene, Total	100				0		10.0	11.3	
S 134 1,3-Dichloropropene, Total	100				0		10.0	10.0	
S 135 Xylenes, Total	100				0		10.0	10.5	
S 136 Total BTEX	1				0		25.0	26.9	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

524FREONS_00018	Amount Added:	5.00	Units: uL	
8260MIX1COMB_00186	Amount Added:	5.00	Units: uL	
ACROLEIN W_00167	Amount Added:	20.00	Units: uL	
GASES- ALT_00001	Amount Added:	5.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00245	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 17-Apr-2024 20:44:24 Chrom Revision: 2.3 09-Apr-2024 17:43:44

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20240415-174688.b\B13393.D

Injection Date: 15-Apr-2024 12:22:30 Instrument ID: CVOAMS2 Operator ID:

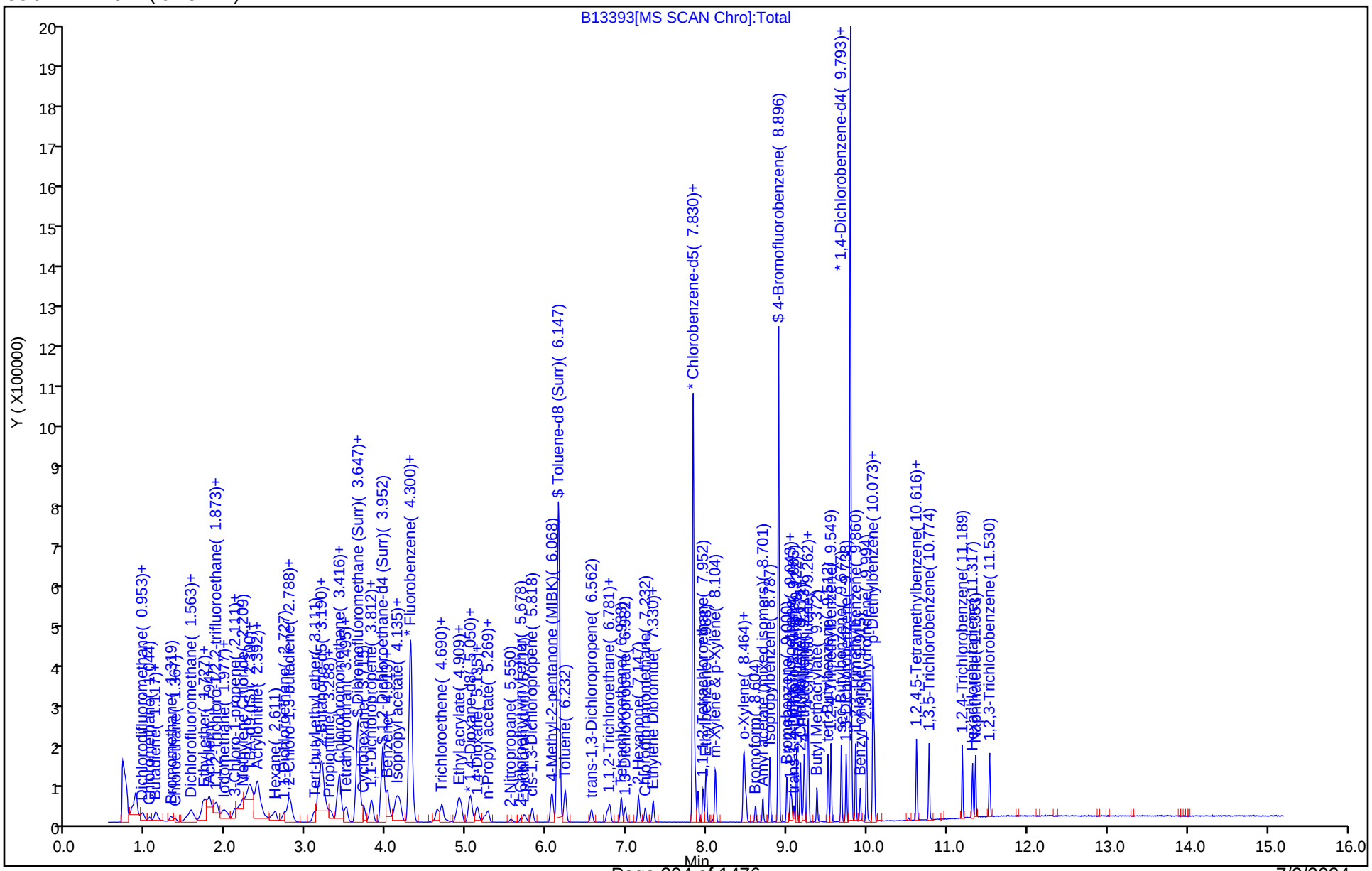
Lims ID: STD5 Worklist Smp#: 17

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 16

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



7/9/2024
8:32:15 AM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20240415-174688.b\B13394.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 15-Apr-2024 12:46:30 ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0174688-018
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260S_2*sub20

Method: \\chromfs\Edison\ChromData\CVOAMS2\20240415-174688.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Apr-2024 20:44:35 Calib Date: 15-Apr-2024 13:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20240415-174688.b\B13395.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1605

First Level Reviewer: N1JZ Date: 16-Apr-2024 03:08:46

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Dichlorodifluoromethane	85	0.953	0.953	0.000	98	87660	20.0	20.8	
4 Chlorodifluoromethane	67	0.965	0.965	0.000	95	12109	20.0	19.5	
5 Chloromethane	50	1.050	1.050	0.000	98	66458	20.0	20.5	M
6 Butadiene	54	1.124	1.124	0.000	94	46641	20.0	21.8	
7 Vinyl chloride	62	1.136	1.136	0.000	98	65781	20.0	20.7	
8 Bromomethane	94	1.313	1.313	0.000	99	52837	20.0	20.8	
9 Chloroethane	64	1.374	1.374	0.000	99	37965	20.0	21.3	
10 Dichlorofluoromethane	67	1.502	1.502	0.000	99	47859	20.0	12.8	
11 Trichlorofluoromethane	101	1.550	1.550	0.000	98	52365	20.0	19.5	
12 Pentane	43	1.569	1.569	0.000	95	134519	40.0	38.9	
13 Ethyl ether	59	1.703	1.703	0.000	95	45654	20.0	18.7	
14 Ethanol	46	1.715	1.715	0.000	60	14350	800.0	855.2	
15 2-Methyl-1,3-butadiene	53	1.721	1.721	0.000	93	54644	20.0	21.1	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.745	1.745	0.000	94	63947	20.0	19.6	
17 1,1,1-Trifluoro-2,2-dichloroetha	83	1.788	1.788	0.000	92	93724	20.0	19.0	a
18 Acrolein	56	1.794	1.794	0.000	96	128863	300.0	271.1	
19 1,1-Dichloroethene	96	1.861	1.861	0.000	97	62053	20.0	19.3	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.880	1.880	0.000	97	65418	20.0	19.5	
21 Acetone	43	1.910	1.910	0.000	88	97599	100.0	93.1	
22 Iodomethane	142	1.959	1.959	0.000	98	131910	20.0	19.6	
23 Carbon disulfide	76	2.001	2.001	0.000	99	238202	20.0	20.0	
24 Isopropyl alcohol	45	2.038	2.038	0.000	26	35241	200.0	189.2	Ma
25 3-Chloro-1-propene	39	2.105	2.105	0.000	94	68572	20.0	19.1	
27 Acetonitrile	40	2.111	2.111	0.000	79	30659	200.0	199.7	
26 Methyl acetate	43	2.136	2.136	0.000	97	105717	40.0	39.2	
28 Methylene Chloride	84	2.203	2.203	0.000	86	80477	20.0	19.3	
* 29 TBA-d9 (IS)	65	2.294	2.294	0.000	0	536176	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.367	2.367	0.000	91	106847	200.0	194.1	a
31 Acrylonitrile	53	2.379	2.379	0.000	94	253270	200.0	177.4	
32 trans-1,2-Dichloroethene	96	2.392	2.392	0.000	90	74881	20.0	19.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	2.416	2.416	0.000	96	205699	20.0	20.7	
34 Hexane	57	2.611	2.611	0.000	90	88757	20.0	19.7	
35 1,1-Dichloroethane	63	2.715	2.715	0.000	99	115887	20.0	19.4	
36 Vinyl acetate	86	2.776	2.776	0.000	99	26919	40.0	40.3	
37 2-Chloro-1,3-butadiene	88	2.788	2.788	0.000	87	61090	20.0	20.0	
38 Isopropyl ether	45	2.806	2.806	0.000	85	173327	20.0	19.7	
39 Tert-butyl ethyl ether	87	3.111	3.111	0.000	92	81674	20.0	20.1	
* 40 2-Butanone-d5	46	3.184	3.184	0.000	0	341371	250.0	250.0	
41 cis-1,2-Dichloroethene	96	3.209	3.209	0.000	99	81884	20.0	19.9	
42 2,2-Dichloropropane	79	3.221	3.221	0.000	94	29649	20.0	20.1	a
43 2-Butanone (MEK)	72	3.239	3.239	0.000	97	43032	100.0	97.4	
44 Propionitrile	54	3.288	3.288	0.000	95	100923	200.0	201.9	
45 Ethyl acetate	43	3.300	3.300	0.000	99	98465	40.0	34.4	
62 Methyl acrylate	55	3.324	3.324	0.000	98	72573	20.0	21.2	a
46 Chlorobromomethane	128	3.410	3.410	0.000	78	44268	20.0	20.4	
47 Methacrylonitrile	67	3.416	3.416	0.000	86	278978	200.0	209.5	
48 Tetrahydrofuran	42	3.471	3.471	0.000	71	49812	40.0	41.3	
49 Chloroform	83	3.501	3.501	0.000	99	123061	20.0	19.3	
$ 50 Dibromofluoromethane (Surr)	113	3.641	3.641	0.000	98	213454	50.0	50.5	
51 1,1,1-Trichloroethane	97	3.666	3.666	0.000	97	101779	20.0	19.6	
52 Cyclohexane	84	3.721	3.721	0.000	86	104355	20.0	19.6	
54 1,1-Dichloropropene	75	3.812	3.812	0.000	99	87314	20.0	19.4	
53 Carbon tetrachloride	117	3.824	3.824	0.000	97	95732	20.0	19.7	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	3.952	3.952	0.000	0	207124	50.0	52.1	
56 Benzene	78	4.007	4.007	0.000	95	257024	20.0	19.2	
58 Isobutyl alcohol	42	4.032	4.032	0.000	55	48349	500.0	472.2	
57 1,2-Dichloroethane	62	4.032	4.032	0.000	97	84401	20.0	19.5	
73 Isopropyl acetate	61	4.160	4.160	0.000	89	24499	20.0	20.9	
59 Tert-amyl methyl ether	73	4.160	4.160	0.000	87	236631	20.0	21.3	
* 60 Fluorobenzene	96	4.306	4.306	0.000	99	616702	50.0	50.0	
61 n-Heptane	43	4.336	4.336	0.000	87	79854	20.0	19.4	
63 Trichloroethene	95	4.696	4.696	0.000	96	66961	20.0	19.0	
64 n-Butanol	43	4.720	4.720	0.000	85	25363	500.0	464.1	
66 Ethyl acrylate	55	4.891	4.891	0.000	93	150143	20.0	19.7	
65 Methylcyclohexane	83	4.903	4.903	0.000	94	120837	20.0	19.7	
67 1,2-Dichloropropane	63	4.934	4.934	0.000	93	64594	20.0	19.5	
68 Dibromomethane	93	5.056	5.056	0.000	92	45167	20.0	20.0	
* 69 1,4-Dioxane-d8	96	5.056	5.056	0.000	0	35183	1000.0	1000.0	
70 1,4-Dioxane	88	5.135	5.135	0.000	28	16138	400.0	433.3	
71 Methyl methacrylate	100	5.135	5.135	0.000	81	36417	40.0	39.7	
81 n-Propyl acetate	43	5.233	5.233	0.000	97	75667	20.0	20.9	
72 Dichlorobromomethane	83	5.269	5.269	0.000	98	85872	20.0	19.3	
74 2-Nitropropane	41	5.556	5.556	0.000	98	27195	40.0	41.0	
75 2-Chloroethyl vinyl ether	63	5.678	5.678	0.000	92	27352	20.0	19.1	
76 Epichlorohydrin	57	5.720	5.720	0.000	99	124044	400.0	396.0	
77 cis-1,3-Dichloropropene	75	5.824	5.824	0.000	89	101906	20.0	19.8	
78 4-Methyl-2-pentanone (MIBK)	43	6.068	6.068	0.000	93	280125	100.0	98.6	
$ 79 Toluene-d8 (Surr)	98	6.147	6.147	0.000	99	752450	50.0	50.7	
80 Toluene	91	6.232	6.232	0.000	93	268487	20.0	18.9	
82 trans-1,3-Dichloropropene	75	6.562	6.562	0.000	95	84266	20.0	19.2	
84 Ethyl methacrylate	69	6.757	6.757	0.000	86	76933	20.0	19.9	a
83 1,1,2-Trichloroethane	83	6.787	6.787	0.000	95	49415	20.0	20.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Tetrachloroethene	166	6.933	6.933	0.000	96	77243	20.0	19.2	
86 1,3-Dichloropropane	76	6.982	6.982	0.000	89	91571	20.0	19.6	
87 2-Hexanone	43	7.147	7.147	0.000	93	187585	100.0	98.4	
88 Chlorodibromomethane	129	7.232	7.232	0.000	98	74002	20.0	19.8	
89 Ethylene Dibromide	107	7.324	7.324	0.000	99	61544	20.0	19.8	
90 n-Butyl acetate	43	7.330	7.330	0.000	96	78610	20.0	20.8	
* 91 Chlorobenzene-d5	117	7.830	7.830	0.000	83	526690	50.0	50.0	
92 Chlorobenzene	112	7.854	7.854	0.000	97	183045	20.0	18.7	
93 1,1,1,2-Tetrachloroethane	131	7.952	7.952	0.000	96	73132	20.0	19.5	
94 Ethylbenzene	106	7.994	7.994	0.000	97	96369	20.0	19.3	
95 m-Xylene & p-Xylene	106	8.110	8.110	0.000	0	121377	20.0	19.8	
96 o-Xylene	106	8.458	8.458	0.000	94	121477	20.0	19.8	
97 Styrene	104	8.470	8.470	0.000	97	195570	20.0	20.1	
98 n-Butyl acrylate	73	8.494	8.494	0.000	98	49230	20.0	21.3	
99 Bromoform	173	8.610	8.610	0.000	98	56104	20.0	19.6	
101 Amyl acetate (mixed isomers)	43	8.695	8.695	0.000	94	88668	20.0	19.9	
102 Isopropylbenzene	105	8.787	8.787	0.000	95	287459	20.0	19.5	
$ 103 4-Bromofluorobenzene	174	8.896	8.896	0.000	97	269369	50.0	48.4	
104 Bromobenzene	156	9.000	9.000	0.000	91	88957	20.0	18.3	
106 1,1,2,2-Tetrachloroethane	83	9.043	9.043	0.000	98	91681	20.0	20.0	
105 1,2,3-Trichloropropane	110	9.061	9.061	0.000	95	26881	20.0	20.4	
107 trans-1,4-Dichloro-2-butene	53	9.085	9.085	0.000	96	20735	20.0	20.1	
108 N-Propylbenzene	120	9.122	9.122	0.000	100	87708	20.0	18.7	
109 2-Chlorotoluene	126	9.171	9.171	0.000	97	81021	20.0	18.6	
110 4-Ethyltoluene	105	9.213	9.213	0.000	99	309742	20.0	18.6	
111 4-Chlorotoluene	91	9.256	9.256	0.000	97	250052	20.0	18.6	
112 1,3,5-Trimethylbenzene	105	9.268	9.268	0.000	95	269093	20.0	19.1	
100 Butyl Methacrylate	87	9.372	9.372	0.000	88	82309	20.0	19.2	
113 tert-Butylbenzene	119	9.512	9.512	0.000	95	225035	20.0	18.4	
114 1,2,4-Trimethylbenzene	105	9.549	9.549	0.000	97	277933	20.0	18.9	
115 sec-Butylbenzene	105	9.677	9.677	0.000	99	342212	20.0	18.8	
116 1,3-Dichlorobenzene	146	9.738	9.738	0.000	98	175396	20.0	19.0	
119 4-Isopropyltoluene	119	9.793	9.793	0.000	98	305994	20.0	18.4	
* 117 1,4-Dichlorobenzene-d4	152	9.793	9.793	0.000	94	342183	50.0	50.0	
118 1,4-Dichlorobenzene	146	9.805	9.805	0.000	96	179988	20.0	18.9	
120 1,2,3-Trimethylbenzene	105	9.860	9.860	0.000	97	304737	20.0	19.1	
121 Benzyl chloride	126	9.915	9.915	0.000	99	35616	20.0	19.5	
122 2,3-Dihydroindene	117	9.994	9.994	0.000	95	289207	20.0	19.7	
124 p-Diethylbenzene	119	10.073	10.073	0.000	94	193375	20.0	19.1	
123 1,2-Dichlorobenzene	146	10.073	10.073	0.000	94	177866	20.0	19.5	
125 n-Butylbenzene	92	10.091	10.091	0.000	97	159893	20.0	19.0	
127 1,2,4,5-Tetramethylbenzene	119	10.616	10.616	0.000	98	280745	20.0	18.7	
126 1,2-Dibromo-3-Chloropropane	157	10.628	10.628	0.000	90	25508	20.0	20.8	
128 1,3,5-Trichlorobenzene	180	10.774	10.774	0.000	97	147847	20.0	18.9	
129 1,2,4-Trichlorobenzene	180	11.189	11.189	0.000	94	139332	20.0	19.1	
130 Hexachlorobutadiene	225	11.317	11.317	0.000	97	67972	20.0	17.6	
131 Naphthalene	128	11.353	11.353	0.000	99	329940	20.0	19.6	
132 1,2,3-Trichlorobenzene	180	11.530	11.530	0.000	96	137963	20.0	19.0	
S 133 1,2-Dichloroethene, Total	100				0		40.0	39.6	
S 134 1,3-Dichloropropene, Total	100				0		40.0	38.9	
S 135 Xylenes, Total	100				0		40.0	39.6	
S 136 Total BTEX	1				0		100.0	97.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

524FREONS_00018	Amount Added:	2.00	Units: uL	
8260MIX1COMB_00186	Amount Added:	2.00	Units: uL	
ACROLEIN W_00167	Amount Added:	3.00	Units: uL	
GASES- ALT_00001	Amount Added:	2.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00245	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 17-Apr-2024 20:44:36 Chrom Revision: 2.3 09-Apr-2024 17:43:44

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20240415-174688.b\B13394.D

Injection Date: 15-Apr-2024 12:46:30 Instrument ID: CVOAMS2 Operator ID:

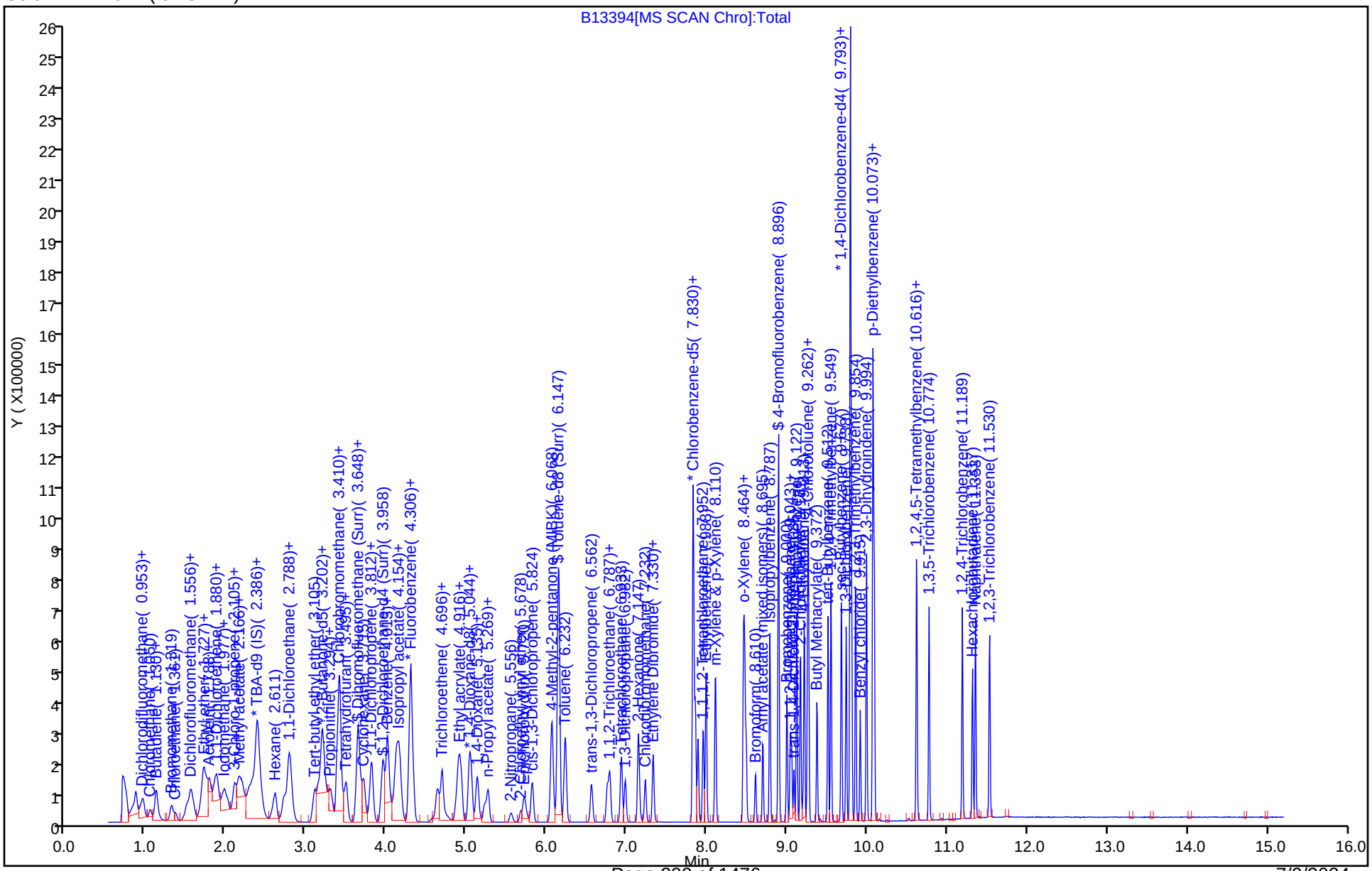
Lims ID: STD20 Worklist Smp#: 18

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 17

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



7/9/2024
8:32:15 AM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20240415-174688.b\B13395.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 15-Apr-2024 13:11:30 ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0174688-019
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260S_2*sub20

Method: \\chromfs\Edison\ChromData\CVOAMS2\20240415-174688.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Apr-2024 20:44:47 Calib Date: 15-Apr-2024 13:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20240415-174688.b\B13395.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1605

First Level Reviewer: N1JZ Date: 16-Apr-2024 03:11:03

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Dichlorodifluoromethane	85	0.959	0.953	0.006	97	227643	50.0	51.9	
4 Chlorodifluoromethane	67	0.971	0.965	0.006	94	31099	50.0	47.9	
5 Chloromethane	50	1.069	1.050	0.019	99	156444	50.0	46.3	M
6 Butadiene	54	1.130	1.124	0.006	93	112867	50.0	50.5	
7 Vinyl chloride	62	1.142	1.136	0.006	98	162719	50.0	49.0	
8 Bromomethane	94	1.331	1.313	0.018	99	126687	50.0	47.7	
9 Chloroethane	64	1.374	1.374	0.000	99	92464	50.0	49.7	
10 Dichlorofluoromethane	67	1.514	1.502	0.012	98	144837	50.0	36.8	
11 Trichlorofluoromethane	101	1.551	1.550	0.000	97	140630	50.0	50.2	
12 Pentane	43	1.569	1.569	0.000	95	341490	100.0	94.7	
13 Ethyl ether	59	1.709	1.703	0.006	95	119610	50.0	47.0	
14 Ethanol	46	1.715	1.715	0.000	68	34330	2000.0	2099.6	
15 2-Methyl-1,3-butadiene	53	1.715	1.721	-0.006	88	129786	50.0	48.0	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.746	1.745	0.001	94	161088	50.0	47.3	
17 1,1,1-Trifluoro-2,2-dichloroetha	83	1.794	1.788	0.006	90	240612	50.0	46.7	a
18 Acrolein	56	1.800	1.794	0.006	75	170568	400.0	368.3	
19 1,1-Dichloroethene	96	1.868	1.861	0.007	97	169103	50.0	50.3	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.892	1.880	0.012	99	180678	50.0	51.7	
21 Acetone	43	1.916	1.910	0.006	88	247708	250.0	227.8	
22 Iodomethane	142	1.965	1.959	0.006	98	350296	50.0	49.7	
23 Carbon disulfide	76	2.014	2.001	0.013	98	611875	50.0	49.3	
24 Isopropyl alcohol	45	2.044	2.038	0.006	25	88491	500.0	487.5	a
25 3-Chloro-1-propene	39	2.105	2.105	0.000	94	193741	50.0	51.8	
27 Acetonitrile	40	2.105	2.111	-0.006	79	71105	500.0	475.3	
26 Methyl acetate	43	2.136	2.136	0.000	97	278248	100.0	98.9	
28 Methylene Chloride	84	2.203	2.203	0.000	85	203617	50.0	46.7	
* 29 TBA-d9 (IS)	65	2.294	2.294	0.000	0	522495	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.355	2.367	-0.012	91	258907	500.0	482.6	a
31 Acrylonitrile	53	2.386	2.379	0.007	96	641758	500.0	461.4	
32 trans-1,2-Dichloroethene	96	2.392	2.392	0.000	91	191807	50.0	48.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	2.416	2.416	0.000	97	530324	50.0	51.2	
34 Hexane	57	2.617	2.611	0.006	89	231778	50.0	49.4	
35 1,1-Dichloroethane	63	2.721	2.715	0.006	99	302304	50.0	48.5	
36 Vinyl acetate	86	2.782	2.776	0.006	99	67405	100.0	97.3	
37 2-Chloro-1,3-butadiene	88	2.794	2.788	0.006	79	160562	50.0	50.3	
38 Isopropyl ether	45	2.812	2.806	0.006	84	457924	50.0	49.7	
39 Tert-butyl ethyl ether	87	3.111	3.111	0.000	90	216894	50.0	51.1	
* 40 2-Butanone-d5	46	3.184	3.184	0.000	0	353988	250.0	250.0	a
41 cis-1,2-Dichloroethene	96	3.209	3.209	0.000	99	210220	50.0	49.0	
42 2,2-Dichloropropane	79	3.221	3.221	0.000	83	74573	50.0	48.4	
43 2-Butanone (MEK)	72	3.239	3.239	0.000	96	113788	250.0	248.4	
44 Propionitrile	54	3.294	3.288	0.006	71	250343	500.0	483.0	
45 Ethyl acetate	43	3.300	3.300	0.000	99	345035	100.0	116.2	
62 Methyl acrylate	55	3.325	3.324	0.001	99	189188	50.0	53.0	a
46 Chlorobromomethane	128	3.416	3.410	0.006	54	114450	50.0	50.6	
47 Methacrylonitrile	67	3.416	3.416	0.000	87	728738	500.0	524.2	
48 Tetrahydrofuran	42	3.477	3.471	0.006	71	125463	100.0	100.3	
49 Chloroform	83	3.501	3.501	0.000	99	320476	50.0	48.1	
$ 50 Dibromofluoromethane (Surr)	113	3.648	3.641	0.007	98	222493	50.0	50.5	
51 1,1,1-Trichloroethane	97	3.672	3.666	0.006	97	263734	50.0	48.7	
52 Cyclohexane	84	3.721	3.721	0.000	86	271626	50.0	48.9	
54 1,1-Dichloropropene	75	3.812	3.812	0.000	98	229166	50.0	48.9	
53 Carbon tetrachloride	117	3.824	3.824	0.000	97	243692	50.0	48.1	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	3.959	3.952	0.007	0	210337	50.0	50.7	
56 Benzene	78	4.013	4.007	0.006	95	675966	50.0	47.1	
58 Isobutyl alcohol	42	4.020	4.032	-0.012	57	119555	1250.0	1198.2	
57 1,2-Dichloroethane	62	4.032	4.032	0.000	98	219814	50.0	48.6	
73 Isopropyl acetate	61	4.160	4.160	0.000	97	66965	50.0	54.7	
59 Tert-amyl methyl ether	73	4.166	4.160	0.006	90	617580	50.0	53.2	
* 60 Fluorobenzene	96	4.306	4.306	0.000	99	643801	50.0	50.0	
61 n-Heptane	43	4.330	4.336	-0.006	86	205657	50.0	47.9	
63 Trichloroethene	95	4.696	4.696	0.000	96	179369	50.0	48.7	
64 n-Butanol	43	4.715	4.720	-0.005	84	61546	1250.0	1151.2	
66 Ethyl acrylate	55	4.885	4.891	-0.006	98	409088	50.0	51.4	
65 Methylcyclohexane	83	4.910	4.903	0.007	95	321733	50.0	50.2	
67 1,2-Dichloropropane	63	4.934	4.934	0.000	93	170100	50.0	49.1	
68 Dibromomethane	93	5.062	5.056	0.006	92	117532	50.0	49.8	
* 69 1,4-Dioxane-d8	96	5.074	5.056	0.018	0	36152	1000.0	1000.0	
70 1,4-Dioxane	88	5.123	5.135	-0.012	80	38971	1000.0	1018.3	a
71 Methyl methacrylate	100	5.141	5.135	0.006	82	101855	100.0	106.3	
81 n-Propyl acetate	43	5.227	5.233	-0.006	96	198357	50.0	52.6	
72 Dichlorobromomethane	83	5.269	5.269	0.000	99	228966	50.0	49.3	
74 2-Nitropropane	41	5.562	5.556	0.006	98	73102	100.0	105.6	
75 2-Chloroethyl vinyl ether	63	5.678	5.678	0.000	94	79388	50.1	52.2	
76 Epichlorohydrin	57	5.720	5.720	0.000	99	331772	1000.0	1021.3	
77 cis-1,3-Dichloropropene	75	5.824	5.824	0.000	89	279519	50.0	50.4	
78 4-Methyl-2-pentanone (MIBK)	43	6.068	6.068	0.000	93	750599	250.0	254.8	
$ 79 Toluene-d8 (Surr)	98	6.153	6.147	0.006	99	806347	50.0	50.5	
80 Toluene	91	6.233	6.232	0.000	93	725053	50.0	47.5	
82 trans-1,3-Dichloropropene	75	6.562	6.562	0.000	95	242067	50.0	51.2	
84 Ethyl methacrylate	69	6.757	6.757	0.000	86	219248	50.0	54.4	a
83 1,1,2-Trichloroethane	83	6.787	6.787	0.000	94	131361	50.0	50.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Tetrachloroethene	166	6.934	6.933	0.001	97	207490	50.0	48.1	
86 1,3-Dichloropropane	76	6.982	6.982	0.000	89	254725	50.0	50.7	
87 2-Hexanone	43	7.147	7.147	0.000	92	509206	250.0	257.7	
88 Chlorodibromomethane	129	7.232	7.232	0.000	98	203214	50.0	50.6	
89 Ethylene Dibromide	107	7.330	7.324	0.006	97	168668	50.0	50.6	
90 n-Butyl acetate	43	7.330	7.330	0.000	96	214718	50.0	52.8	
* 91 Chlorobenzene-d5	117	7.830	7.830	0.000	84	566071	50.0	50.0	
92 Chlorobenzene	112	7.860	7.854	0.006	97	499883	50.0	47.6	
93 1,1,1,2-Tetrachloroethane	131	7.958	7.952	0.006	96	200334	50.0	49.8	
94 Ethylbenzene	106	7.988	7.994	-0.006	97	267299	50.0	49.9	
95 m-Xylene & p-Xylene	106	8.110	8.110	0.000	0	323562	50.0	49.1	
96 o-Xylene	106	8.458	8.458	0.000	94	327507	50.0	49.6	
97 Styrene	104	8.476	8.470	0.006	97	535394	50.0	51.3	
98 n-Butyl acrylate	73	8.494	8.494	0.000	98	136522	50.0	54.8	
99 Bromoform	173	8.610	8.610	0.000	99	152700	50.0	49.5	
101 Amyl acetate (mixed isomers)	43	8.695	8.695	0.000	93	245674	50.0	53.4	
102 Isopropylbenzene	105	8.787	8.787	0.000	95	783154	50.0	49.5	
$ 103 4-Bromofluorobenzene	174	8.897	8.896	0.001	97	284446	50.0	49.3	
104 Bromobenzene	156	9.000	9.000	0.000	91	239460	50.0	47.5	
106 1,1,2,2-Tetrachloroethane	83	9.043	9.043	0.000	98	237880	50.0	50.1	
105 1,2,3-Trichloropropane	110	9.061	9.061	0.000	96	70374	50.0	51.6	
107 trans-1,4-Dichloro-2-butene	53	9.086	9.085	0.001	96	55646	50.0	52.1	
108 N-Propylbenzene	120	9.122	9.122	0.000	100	236086	50.0	48.6	
109 2-Chlorotoluene	126	9.171	9.171	0.000	96	216337	50.0	47.9	
110 4-Ethyltoluene	105	9.214	9.213	0.001	99	830600	50.0	48.2	
111 4-Chlorotoluene	91	9.256	9.256	0.000	98	661969	50.0	47.6	
112 1,3,5-Trimethylbenzene	105	9.269	9.268	0.000	97	716459	50.0	49.1	
100 Butyl Methacrylate	87	9.372	9.372	0.000	87	232644	50.0	52.3	
113 tert-Butylbenzene	119	9.512	9.512	0.000	95	620079	50.0	49.1	
114 1,2,4-Trimethylbenzene	105	9.549	9.549	0.000	97	758148	50.0	49.8	
115 sec-Butylbenzene	105	9.677	9.677	0.000	99	951577	50.0	50.6	
116 1,3-Dichlorobenzene	146	9.738	9.738	0.000	98	456715	50.0	47.8	
119 4-Isopropyltoluene	119	9.793	9.793	0.000	98	839997	50.0	48.9	
* 117 1,4-Dichlorobenzene-d4	152	9.793	9.793	0.000	94	354138	50.0	50.0	
118 1,4-Dichlorobenzene	146	9.805	9.805	0.000	96	462229	50.0	47.0	
120 1,2,3-Trimethylbenzene	105	9.860	9.860	0.000	98	820171	50.0	49.6	
121 Benzyl chloride	126	9.915	9.915	0.000	99	97678	50.0	51.6	
122 2,3-Dihydroindene	117	9.994	9.994	0.000	94	782589	50.0	51.0	
124 p-Diethylbenzene	119	10.073	10.073	0.000	93	512732	50.0	49.1	
123 1,2-Dichlorobenzene	146	10.073	10.073	0.000	95	462300	50.0	48.8	
125 n-Butylbenzene	92	10.092	10.091	0.001	98	419308	50.0	48.2	
127 1,2,4,5-Tetramethylbenzene	119	10.616	10.616	0.000	98	788295	50.0	50.7	
126 1,2-Dibromo-3-Chloropropane	157	10.628	10.628	0.000	90	66769	50.0	52.5	
128 1,3,5-Trichlorobenzene	180	10.774	10.774	0.000	97	378812	50.0	46.7	
129 1,2,4-Trichlorobenzene	180	11.189	11.189	0.000	94	353788	50.0	46.8	
130 Hexachlorobutadiene	225	11.317	11.317	0.000	97	188064	50.0	46.9	
131 Naphthalene	128	11.353	11.353	0.000	99	895586	50.0	51.3	
132 1,2,3-Trichlorobenzene	180	11.530	11.530	0.000	96	360421	50.0	47.8	
S 133 1,2-Dichloroethene, Total	100				0		100.0	97.2	
S 134 1,3-Dichloropropene, Total	100				0		100.0	101.7	
S 135 Xylenes, Total	100				0		100.0	98.7	
S 136 Total BTEX	1				0		250.0	243.1	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

524FREONS_00018	Amount Added:	5.00	Units: uL	
8260MIX1COMB_00186	Amount Added:	5.00	Units: uL	
ACROLEIN W_00167	Amount Added:	4.00	Units: uL	
GASES- ALT_00001	Amount Added:	5.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00245	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 17-Apr-2024 20:44:48 Chrom Revision: 2.3 09-Apr-2024 17:43:44

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20240415-174688.b\B13395.D

Injection Date: 15-Apr-2024 13:11:30 Instrument ID: CVOAMS2 Operator ID:

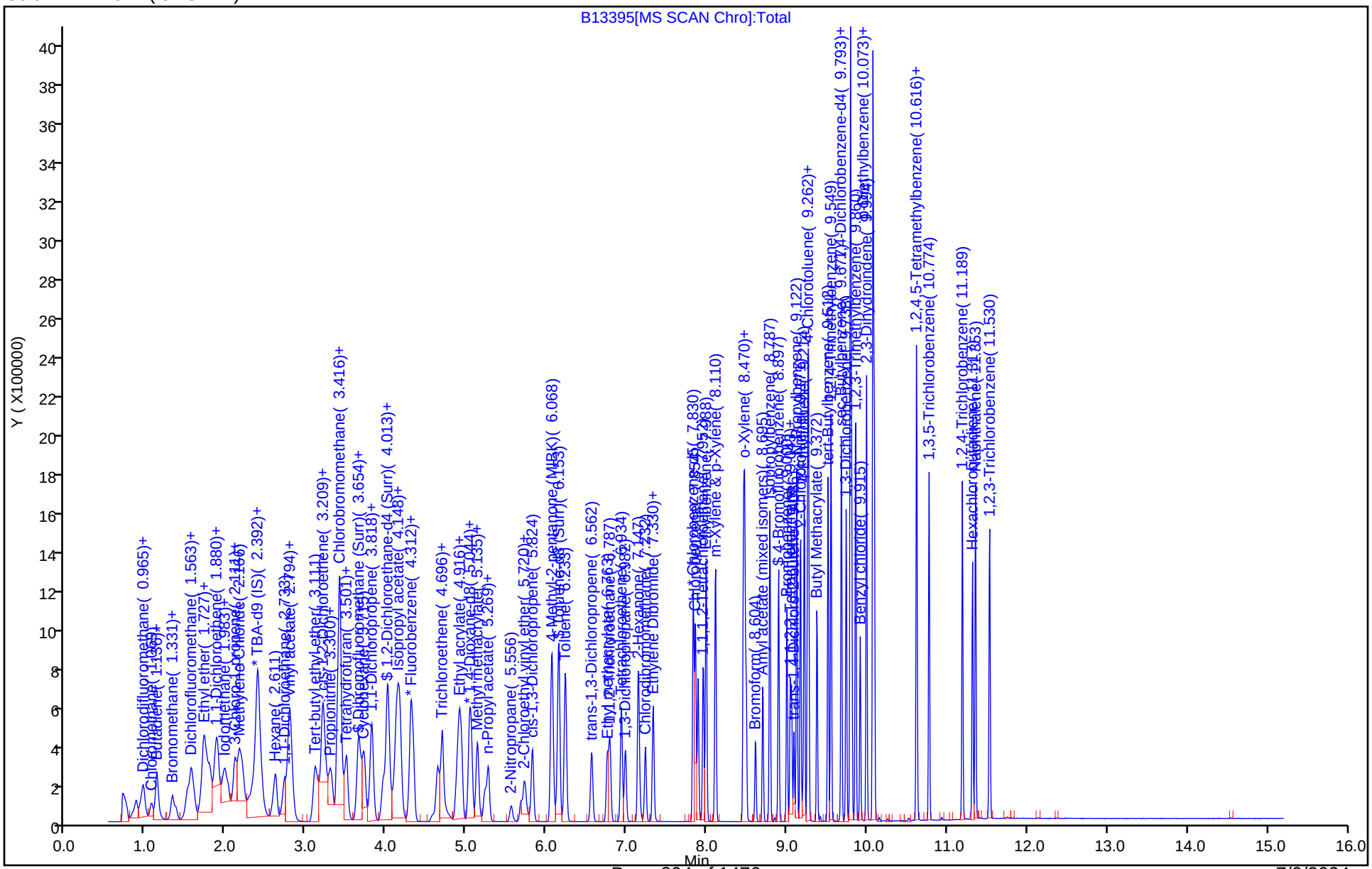
Lims ID: STD50 Worklist Smp#: 19

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 18

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



7/9/2024
8:32:15 AM

Calibration / Dichlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

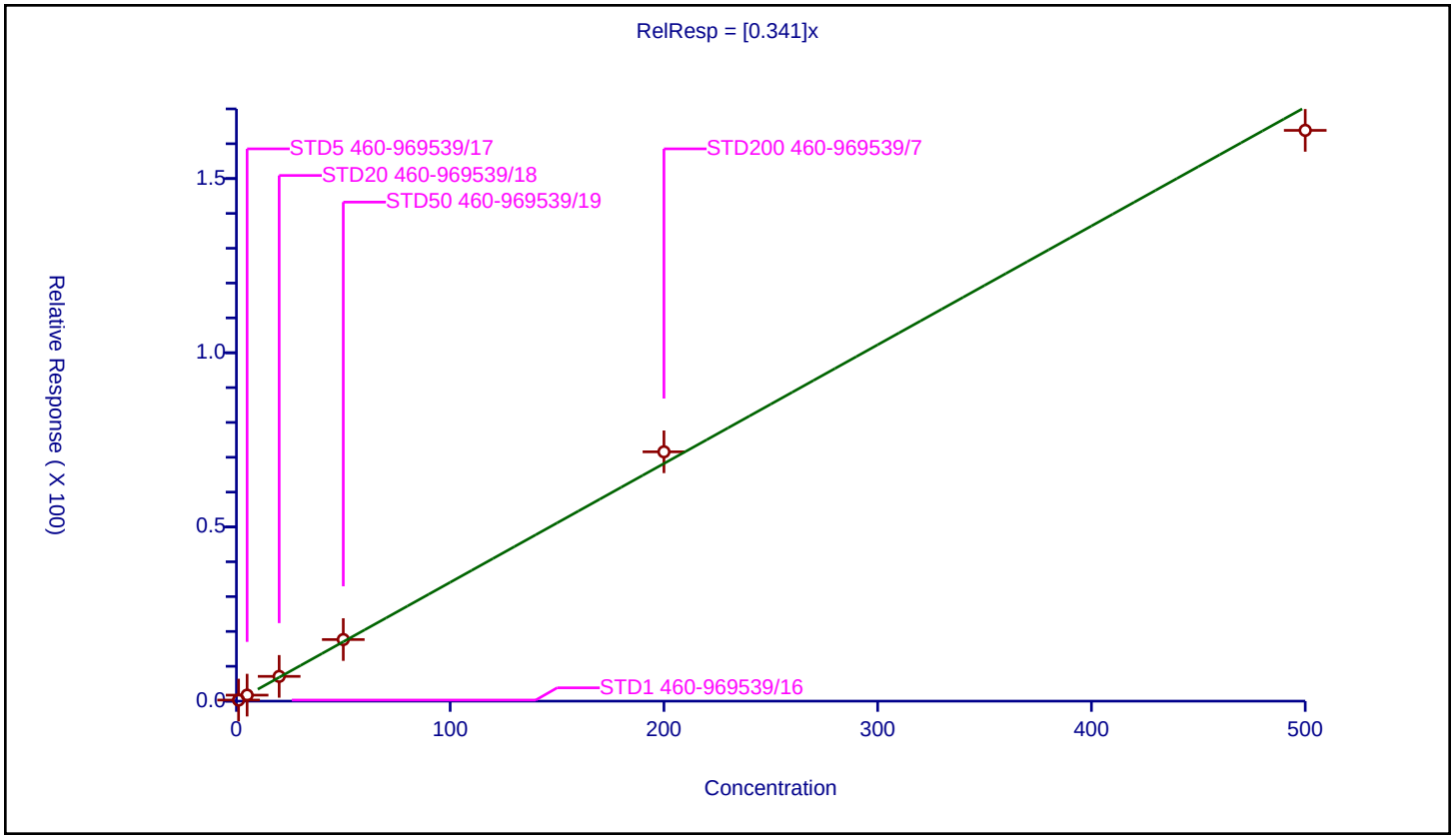
Curve Coefficients

Intercept:	0
Slope:	0.341

Error Coefficients

Relative Standard Deviation:	5.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	1.0	0.306734	50.0	606877.0	0.306734	Y
2	STD5 460-969539/17	5.0	1.72317	50.0	623212.0	0.344634	Y
3	STD20 460-969539/18	20.0	7.10716	50.0	616702.0	0.355358	Y
4	STD50 460-969539/19	50.0	17.679609	50.0	643801.0	0.353592	Y
5	STD200 460-969539/7	200.0	71.56781	50.0	662376.0	0.357839	Y
6	STD500 460-969539/8	500.0	163.841068	50.0	723994.0	0.327682	Y



7/9/2024
8:32:15 AM

Calibration / Chlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

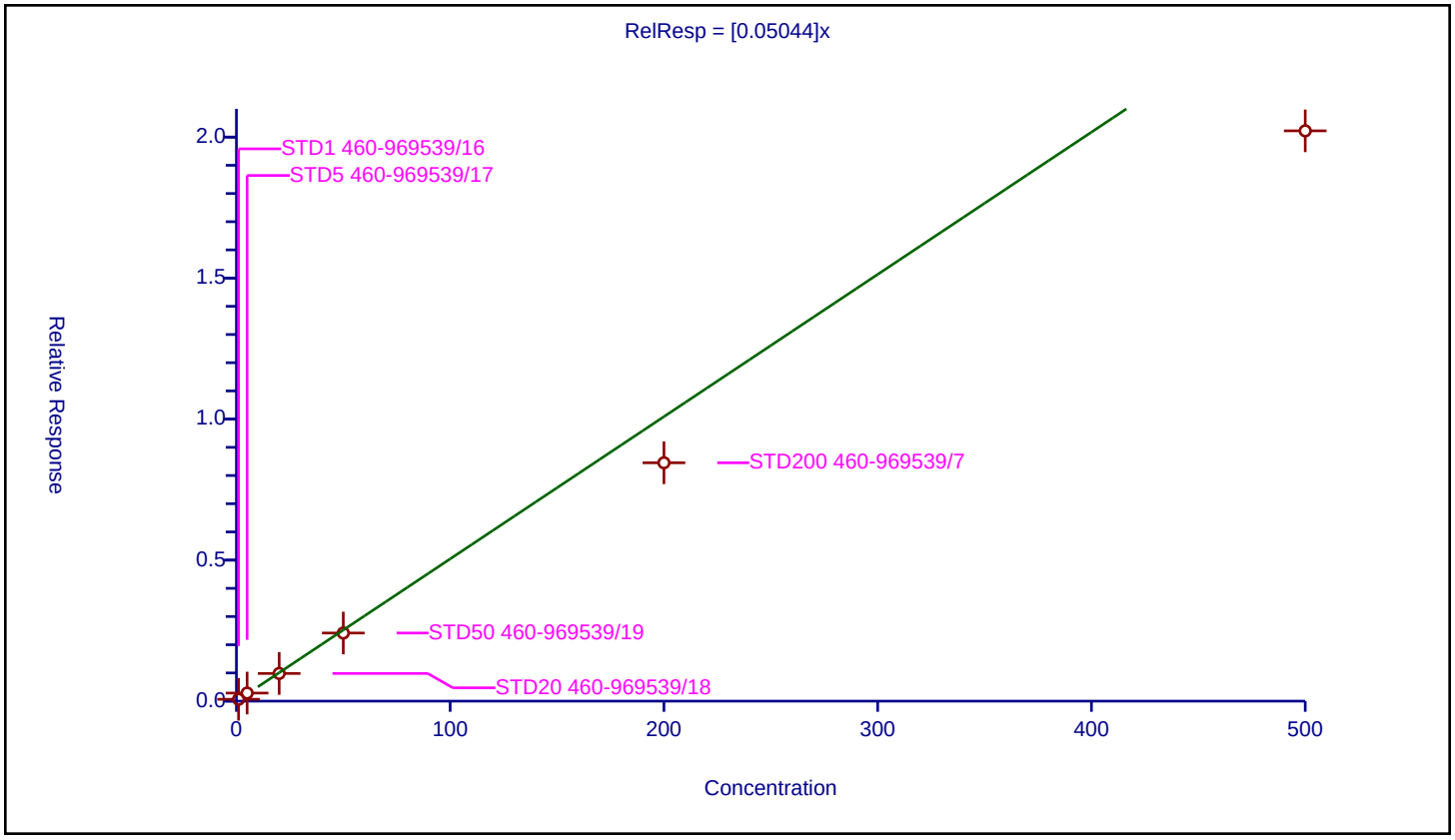
Curve Coefficients

Intercept:	0
Slope:	0.05044

Error Coefficients

Relative Standard Deviation:	18.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	1.0	0.065252	50.0	606877.0	0.065252	Y
2	STD5 460-969539/17	5.0	0.286419	50.0	623212.0	0.057284	Y
3	STD20 460-969539/18	20.0	0.981755	50.0	616702.0	0.049088	Y
4	STD50 460-969539/19	50.0	2.415265	50.0	643801.0	0.048305	Y
5	STD200 460-969539/7	200.0	8.451469	50.0	662376.0	0.042257	Y
6	STD500 460-969539/8	500.0	20.221991	50.0	723994.0	0.040444	Y



7/9/2024
8:32:15 AM

Calibration / Chloromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

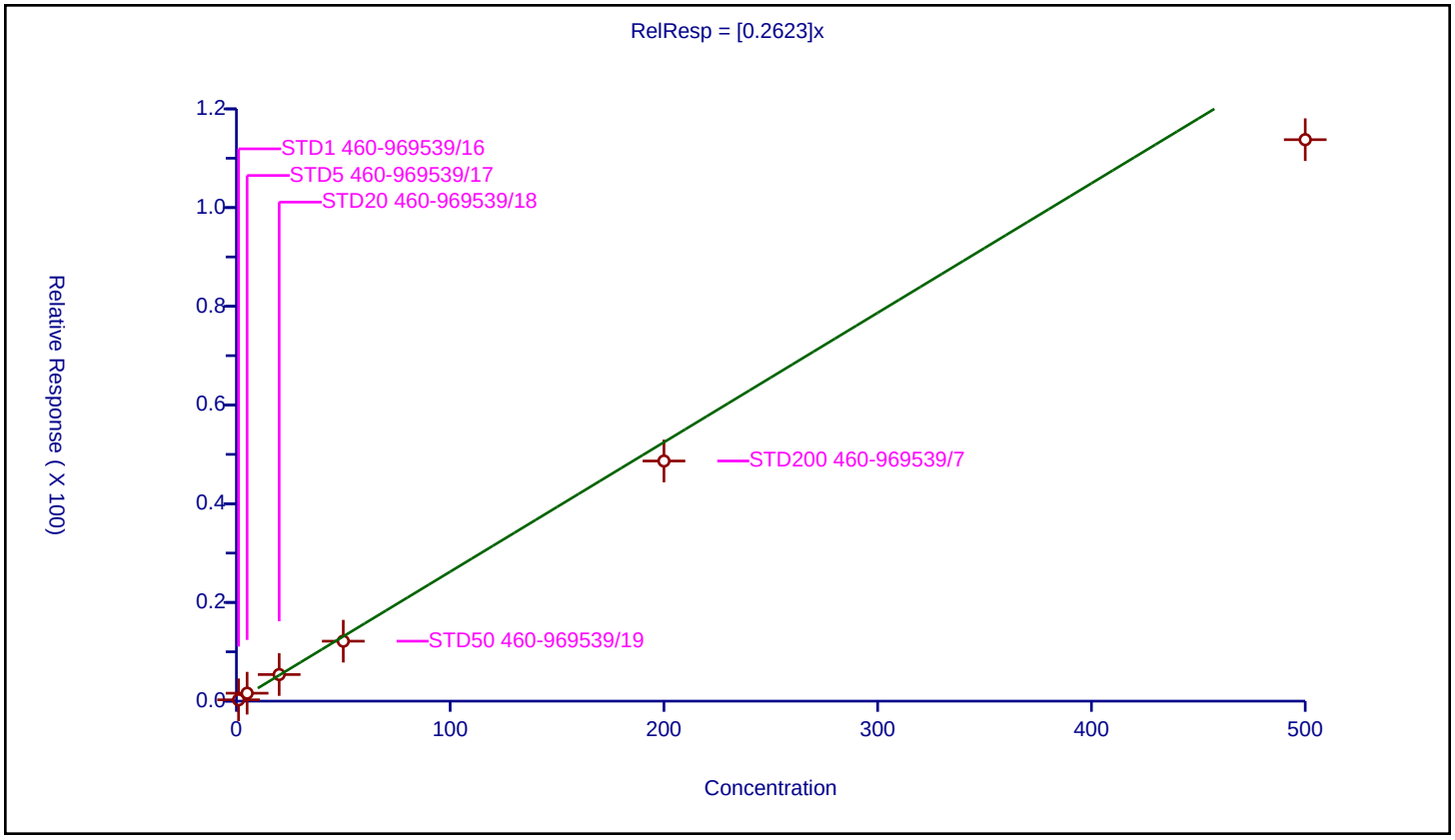
Curve Coefficients

Intercept:	0
Slope:	0.2623

Error Coefficients

Relative Standard Deviation:	12.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	1.0	0.268835	50.0	606877.0	0.268835	Y
2	STD5 460-969539/17	5.0	1.608441	50.0	623212.0	0.321688	Y
3	STD20 460-969539/18	20.0	5.388178	50.0	616702.0	0.269409	Y
4	STD50 460-969539/19	50.0	12.150028	50.0	643801.0	0.243001	Y
5	STD200 460-969539/7	200.0	48.660429	50.0	662376.0	0.243302	Y
6	STD500 460-969539/8	500.0	113.761578	50.0	723994.0	0.227523	Y



7/9/2024
8:32:15 AM

Calibration / Butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

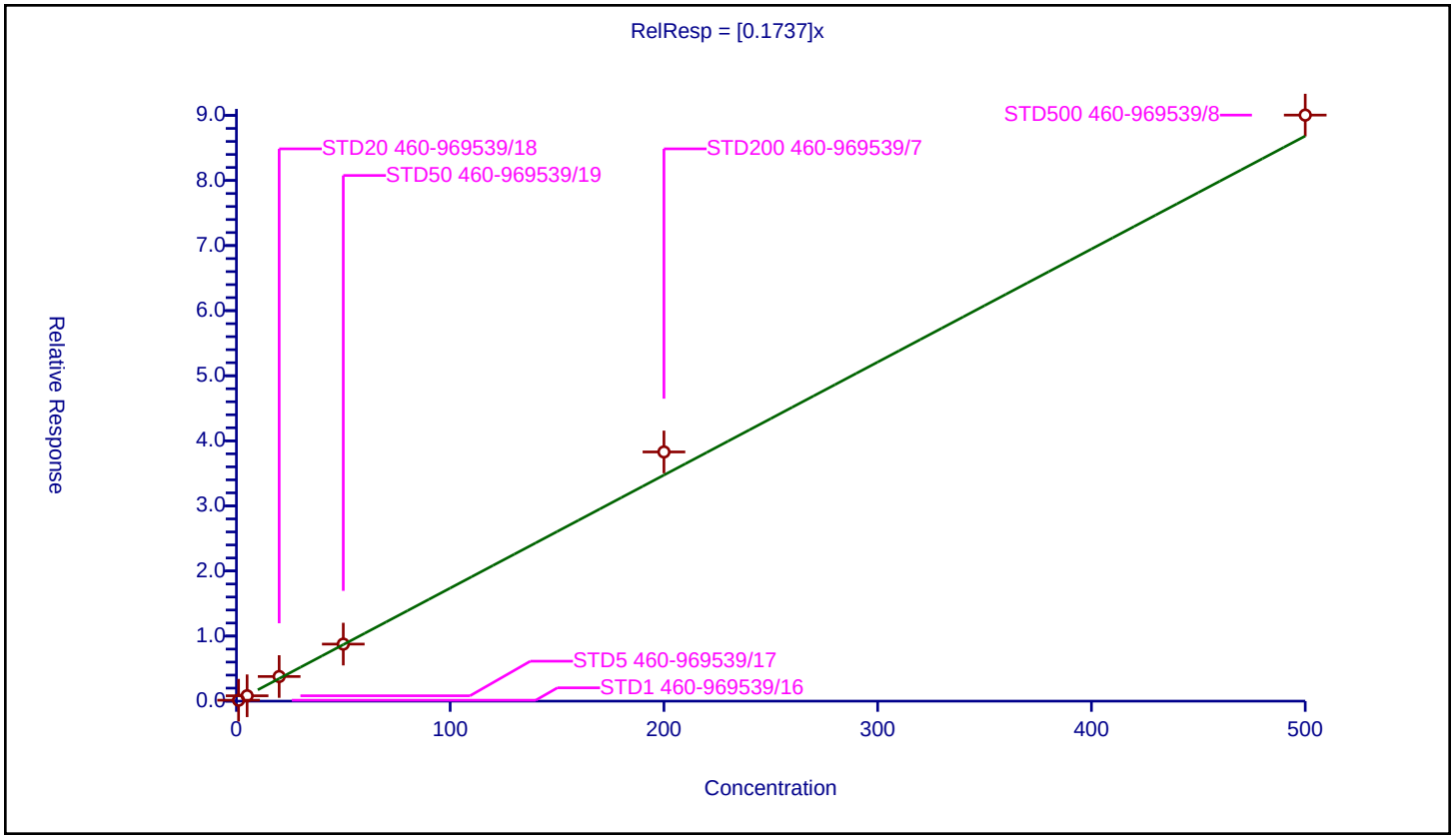
Curve Coefficients

Intercept:	0
Slope:	0.1737

Error Coefficients

Relative Standard Deviation:	10.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	1.0	0.141297	50.0	606877.0	0.141297	Y
2	STD5 460-969539/17	5.0	0.823636	50.0	623212.0	0.164727	Y
3	STD20 460-969539/18	20.0	3.781486	50.0	616702.0	0.189074	Y
4	STD50 460-969539/19	50.0	8.765674	50.0	643801.0	0.175313	Y
5	STD200 460-969539/7	200.0	38.291922	50.0	662376.0	0.19146	Y
6	STD500 460-969539/8	500.0	90.045429	50.0	723994.0	0.180091	Y



7/9/2024
8:32:15 AM

Calibration / Vinyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

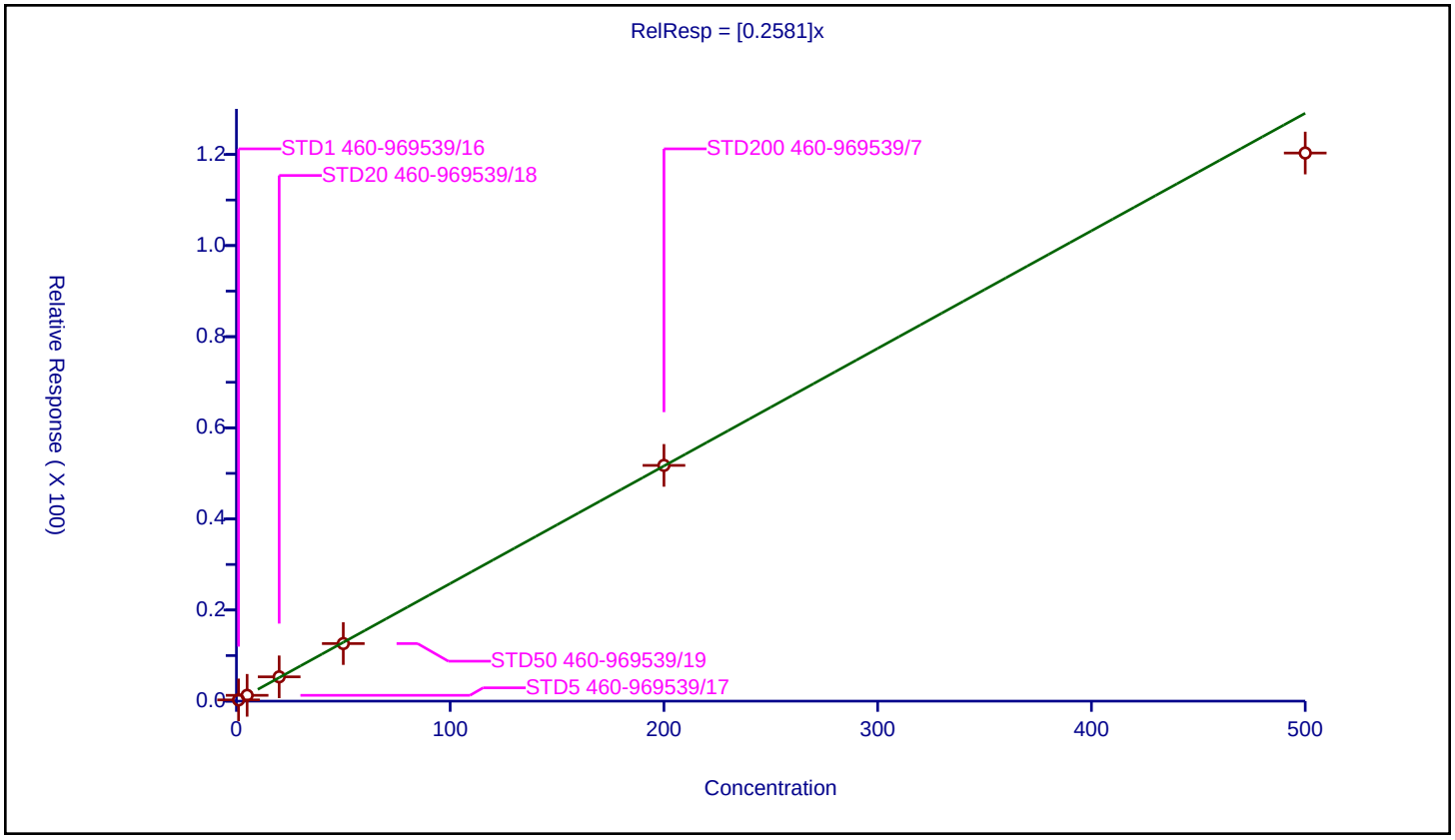
Curve Coefficients

Intercept:	0
Slope:	0.2581

Error Coefficients

Relative Standard Deviation:	4.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	1.0	0.273779	50.0	606877.0	0.273779	Y
2	STD5 460-969539/17	5.0	1.279982	50.0	623212.0	0.255996	Y
3	STD20 460-969539/18	20.0	5.333289	50.0	616702.0	0.266664	Y
4	STD50 460-969539/19	50.0	12.637368	50.0	643801.0	0.252747	Y
5	STD200 460-969539/7	200.0	51.746591	50.0	662376.0	0.258733	Y
6	STD500 460-969539/8	500.0	120.313773	50.0	723994.0	0.240628	Y



7/9/2024
8:32:15 AM

Calibration / Bromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

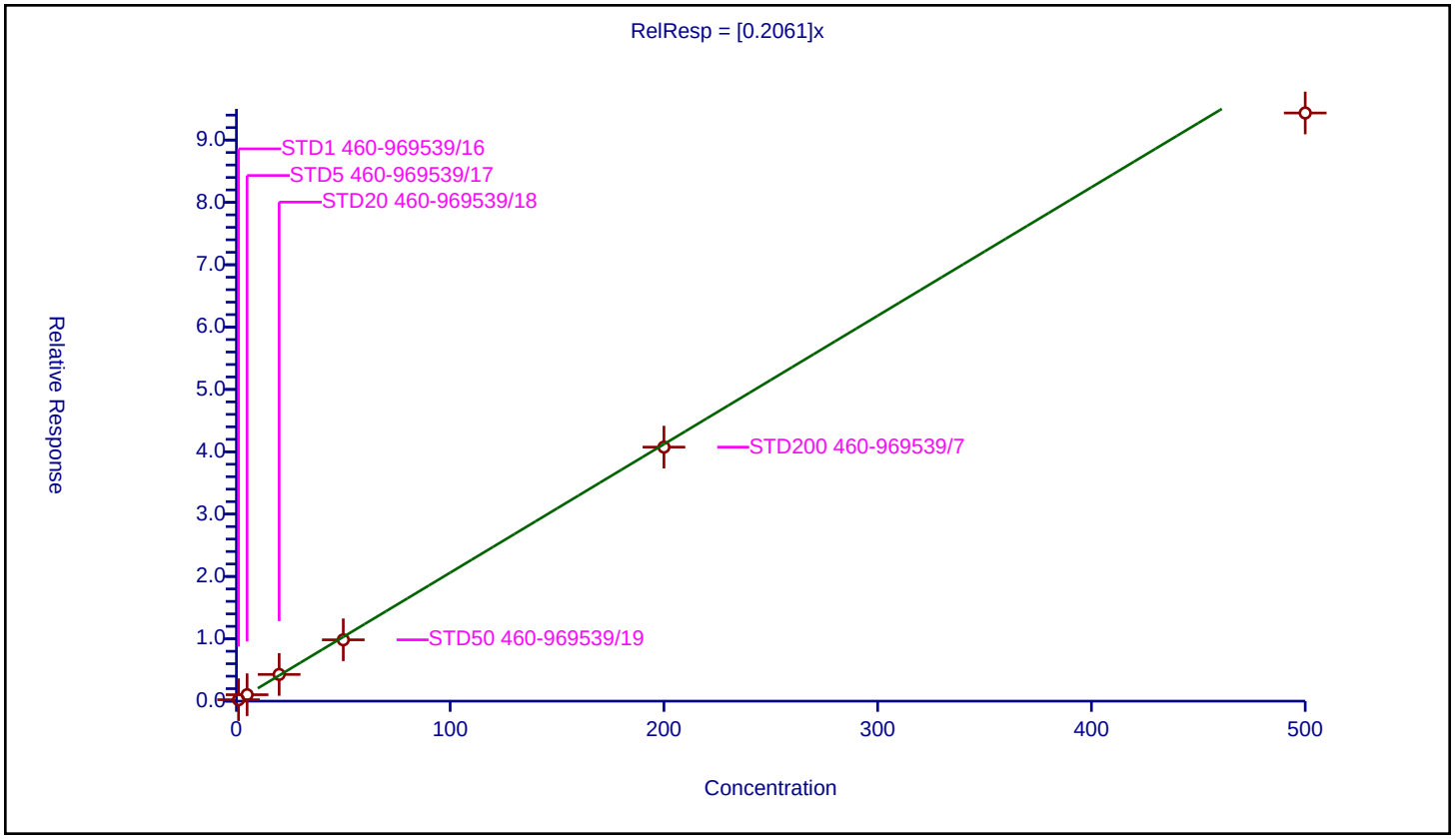
Curve Coefficients

Intercept:	0
Slope:	0.2061

Error Coefficients

Relative Standard Deviation:	6.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	1.0	0.226982	50.0	606877.0	0.226982	Y
2	STD5 460-969539/17	5.0	1.030468	50.0	623212.0	0.206094	Y
3	STD20 460-969539/18	20.0	4.283836	50.0	616702.0	0.214192	Y
4	STD50 460-969539/19	50.0	9.838988	50.0	643801.0	0.19678	Y
5	STD200 460-969539/7	200.0	40.748231	50.0	662376.0	0.203741	Y
6	STD500 460-969539/8	500.0	94.340837	50.0	723994.0	0.188682	Y



7/9/2024
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Calibration / Chloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

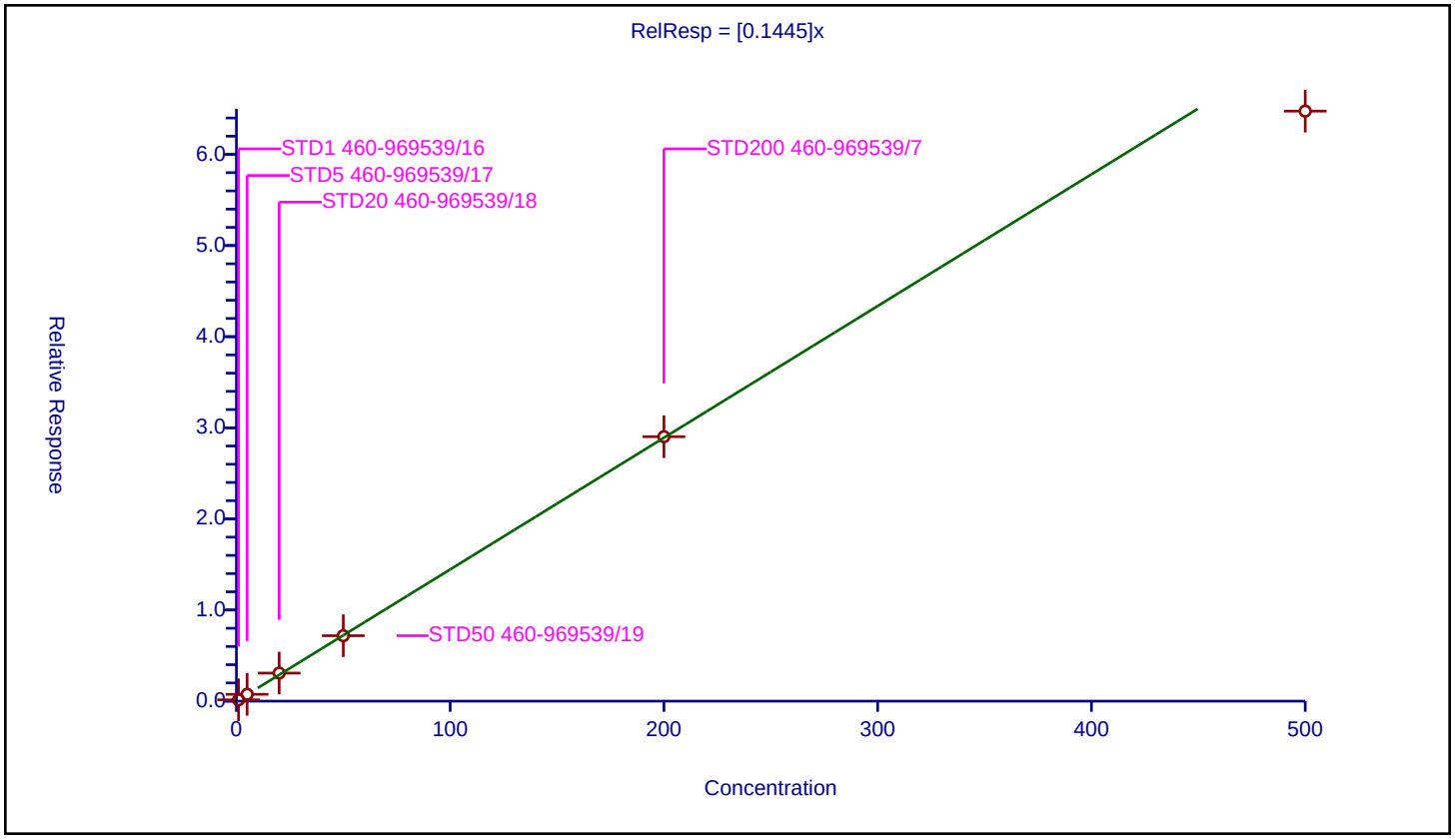
Curve Coefficients

Intercept:	0
Slope:	0.1445

Error Coefficients

Relative Standard Deviation:	5.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	1.0	0.145417	50.0	606877.0	0.145417	Y
2	STD5 460-969539/17	5.0	0.748461	50.0	623212.0	0.149692	Y
3	STD20 460-969539/18	20.0	3.078067	50.0	616702.0	0.153903	Y
4	STD50 460-969539/19	50.0	7.181101	50.0	643801.0	0.143622	Y
5	STD200 460-969539/7	200.0	29.026565	50.0	662376.0	0.145133	Y
6	STD500 460-969539/8	500.0	64.754128	50.0	723994.0	0.129508	Y



7/9/2024
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Calibration / Dichlorofluoromethane

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

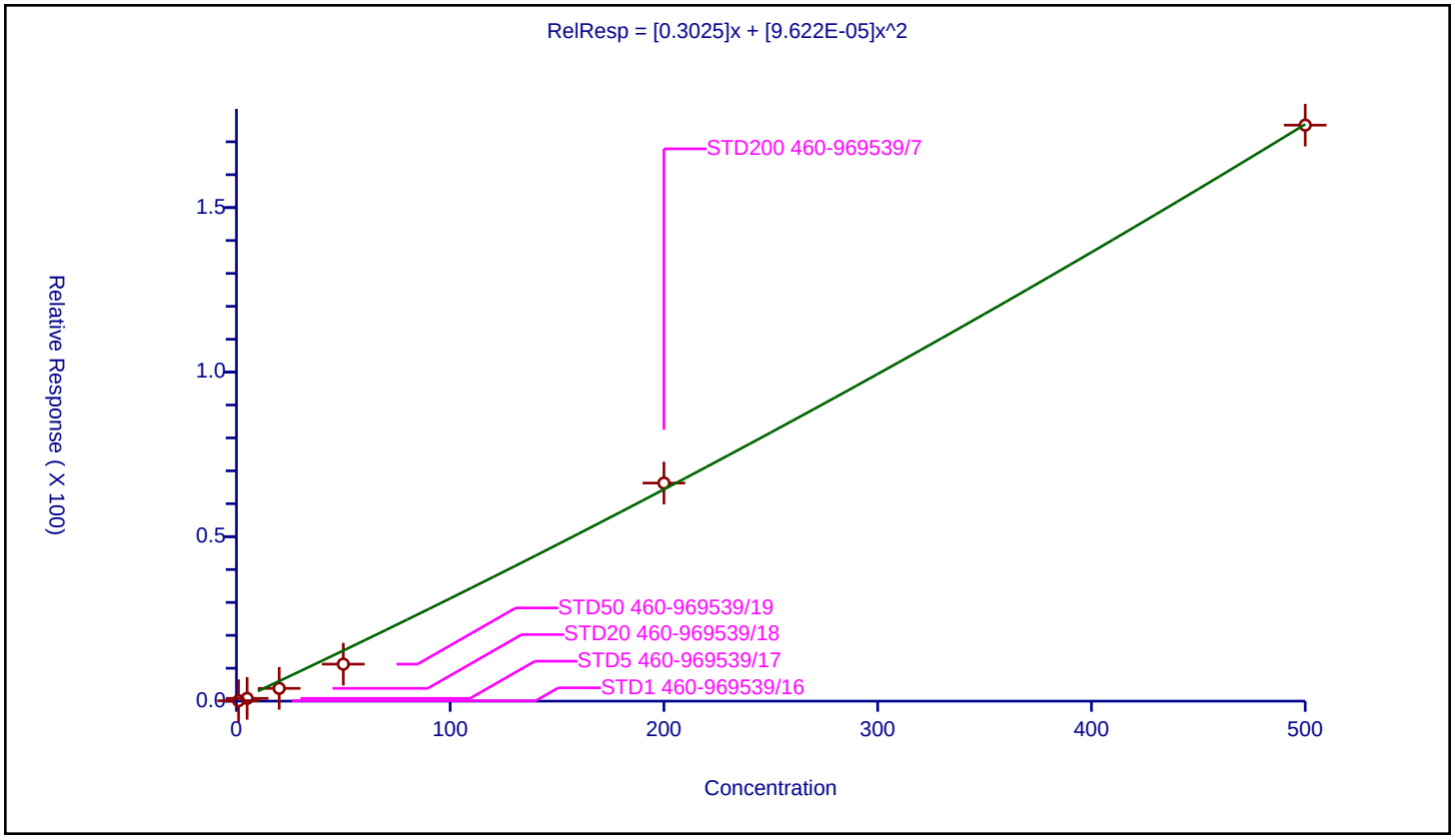
Curve Coefficients

Intercept:	0
Slope:	0.3025
Second Order:	9.622E-05

Error Coefficients

Relative Standard Deviation:	44.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	1.0	0.118311	50.0	606877.0	0.118311	Y
2	STD5 460-969539/17	5.0	0.834146	50.0	623212.0	0.166829	Y
3	STD20 460-969539/18	20.0	3.880237	50.0	616702.0	0.194012	Y
4	STD50 460-969539/19	50.0	11.248585	50.0	643801.0	0.224972	Y
5	STD200 460-969539/7	200.0	66.285539	50.0	662376.0	0.331428	Y
6	STD500 460-969539/8	500.0	175.063675	50.0	723994.0	0.350127	Y



7/9/2024
8:32:15 AM

Calibration / Trichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

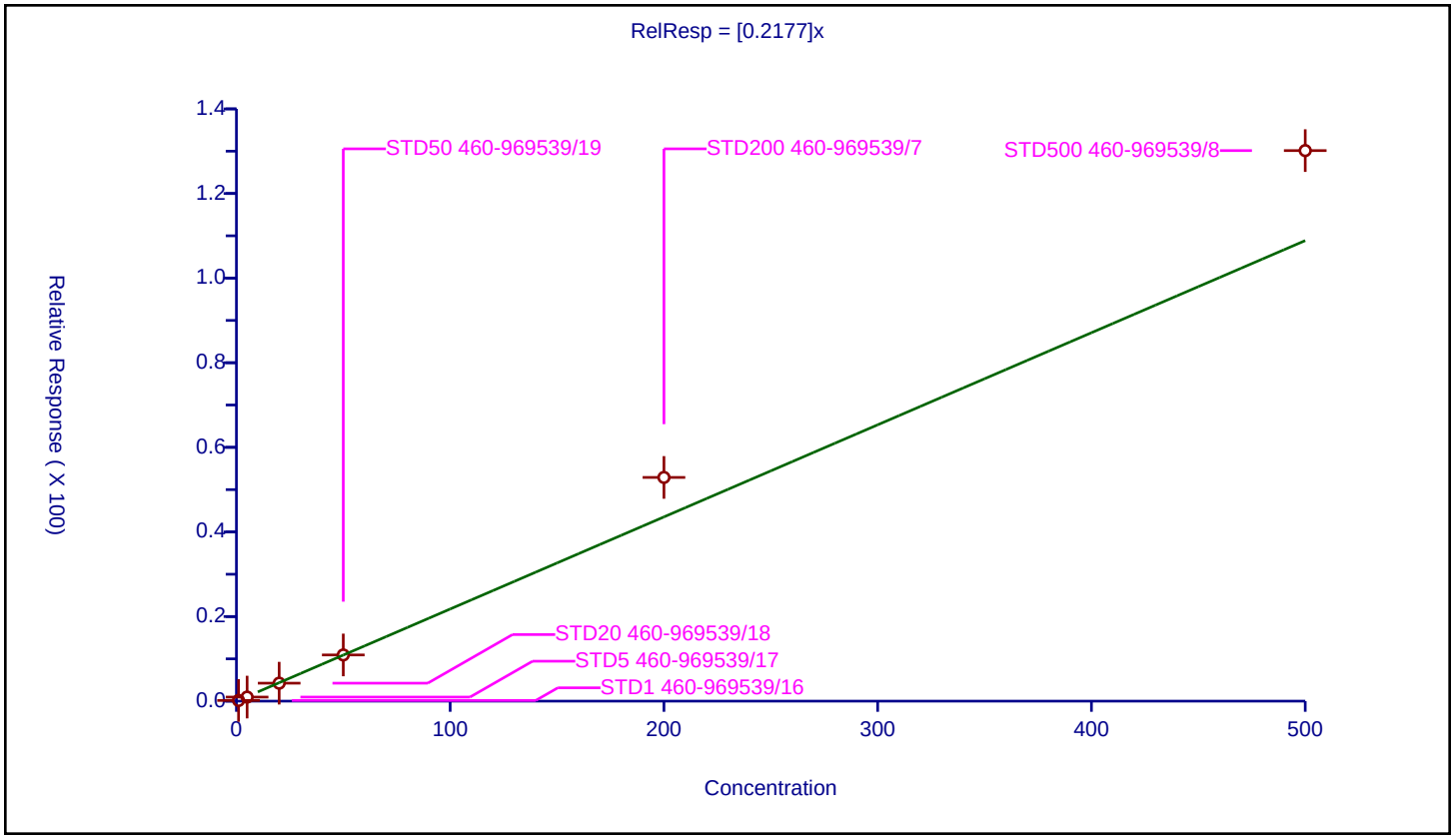
Curve Coefficients

Intercept:	0
Slope:	0.2177

Error Coefficients

Relative Standard Deviation:	18.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	1.0	0.159093	50.0	606877.0	0.159093	Y
2	STD5 460-969539/17	5.0	0.959385	50.0	623212.0	0.191877	Y
3	STD20 460-969539/18	20.0	4.245568	50.0	616702.0	0.212278	Y
4	STD50 460-969539/19	50.0	10.921853	50.0	643801.0	0.218437	Y
5	STD200 460-969539/7	200.0	52.882124	50.0	662376.0	0.264411	Y
6	STD500 460-969539/8	500.0	130.139062	50.0	723994.0	0.260278	Y



7/9/2024
8:32:15 AM

Calibration / Pentane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

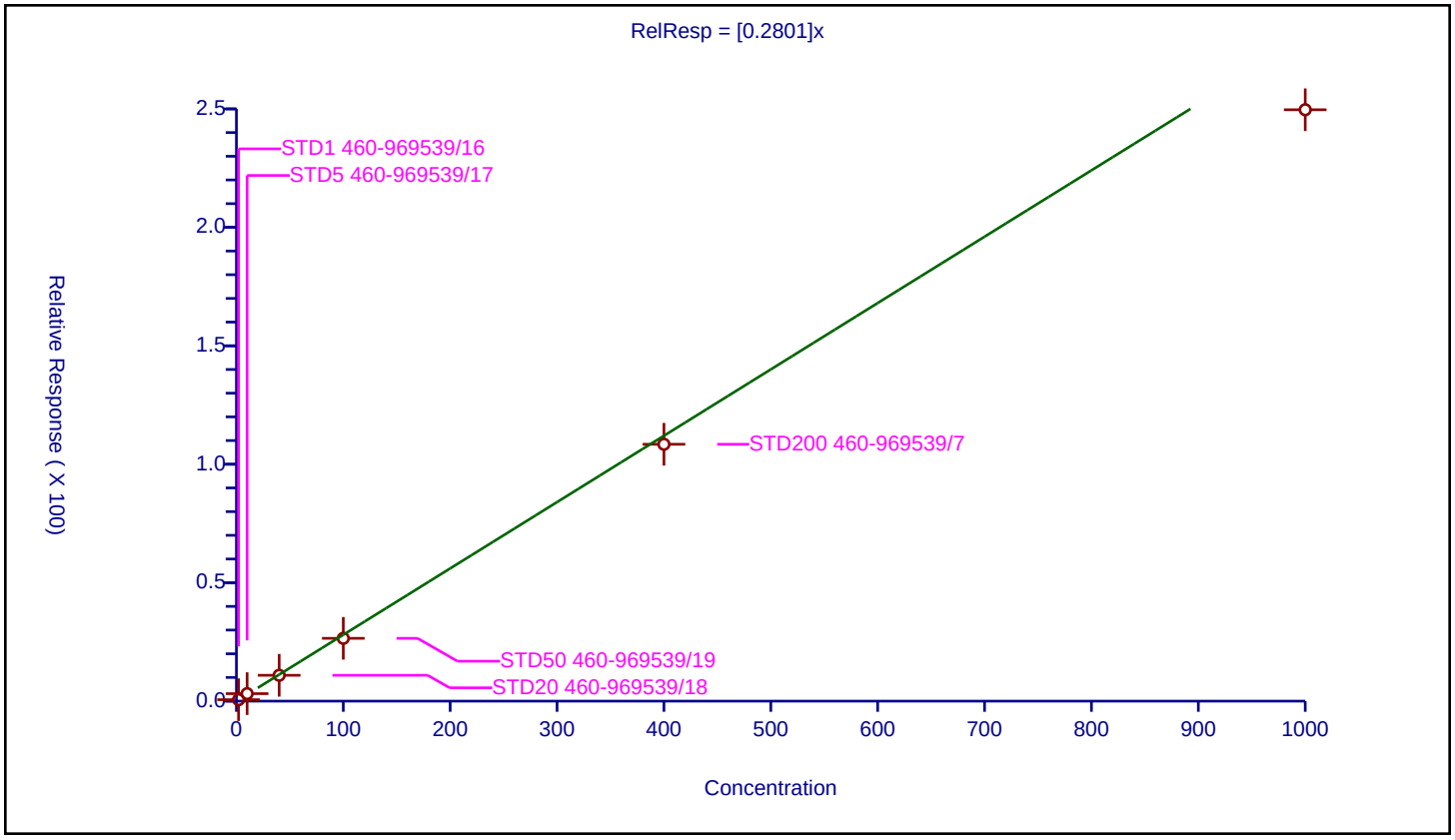
Curve Coefficients

Intercept:	0
Slope:	0.2801

Error Coefficients

Relative Standard Deviation:	9.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	2.0	0.610667	50.0	606877.0	0.305334	Y
2	STD5 460-969539/17	10.0	3.165215	50.0	623212.0	0.316522	Y
3	STD20 460-969539/18	40.0	10.906321	50.0	616702.0	0.272658	Y
4	STD50 460-969539/19	100.0	26.521394	50.0	643801.0	0.265214	Y
5	STD200 460-969539/7	400.0	108.428295	50.0	662376.0	0.271071	Y
6	STD500 460-969539/8	1000.0	249.642331	50.0	723994.0	0.249642	Y



7/9/2024
8:32:15 AM

Calibration / Ethanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

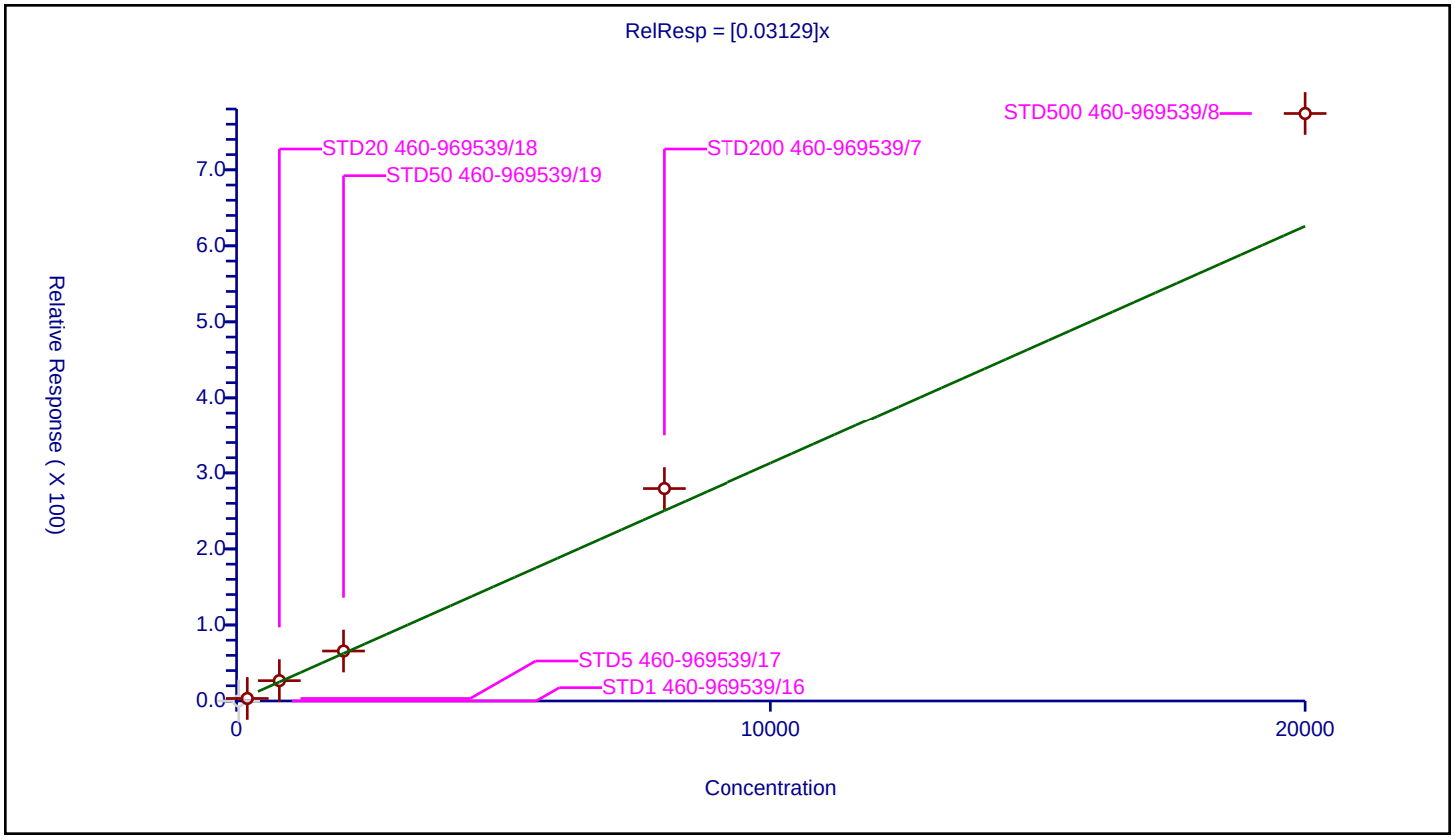
Curve Coefficients

Intercept:	0
Slope:	0.03129

Error Coefficients

Relative Standard Deviation:	27.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	40.0	0.0	1000.0	390183.0	0.0	N
2	STD5 460-969539/17	200.0	3.305216	1000.0	470166.0	0.016526	Y
3	STD20 460-969539/18	800.0	26.7636	1000.0	536176.0	0.033455	Y
4	STD50 460-969539/19	2000.0	65.703978	1000.0	522495.0	0.032852	Y
5	STD200 460-969539/7	8000.0	279.44198	1000.0	479409.0	0.03493	Y
6	STD500 460-969539/8	20000.0	774.103512	1000.0	402348.0	0.038705	Y



7/9/2024
8:32:15 AM

Calibration / Ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

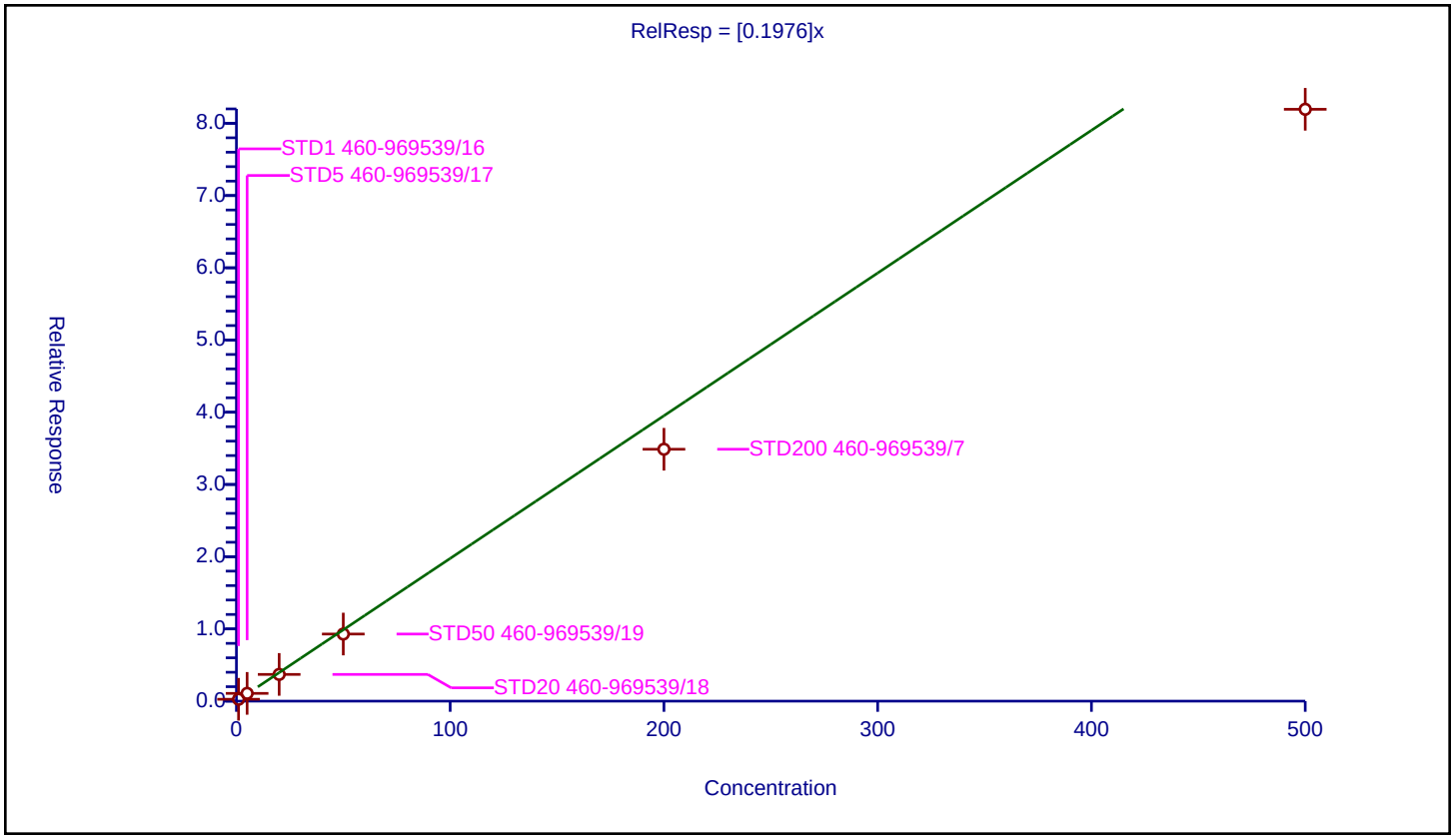
Curve Coefficients

Intercept:	0
Slope:	0.1976

Error Coefficients

Relative Standard Deviation:	18.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	1.0	0.261091	50.0	606877.0	0.261091	Y
2	STD5 460-969539/17	5.0	1.076359	50.0	623212.0	0.215272	Y
3	STD20 460-969539/18	20.0	3.701464	50.0	616702.0	0.185073	Y
4	STD50 460-969539/19	50.0	9.289361	50.0	643801.0	0.185787	Y
5	STD200 460-969539/7	200.0	34.874829	50.0	662376.0	0.174374	Y
6	STD500 460-969539/8	500.0	81.945845	50.0	723994.0	0.163892	Y



Calibration / 2-Methyl-1,3-butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

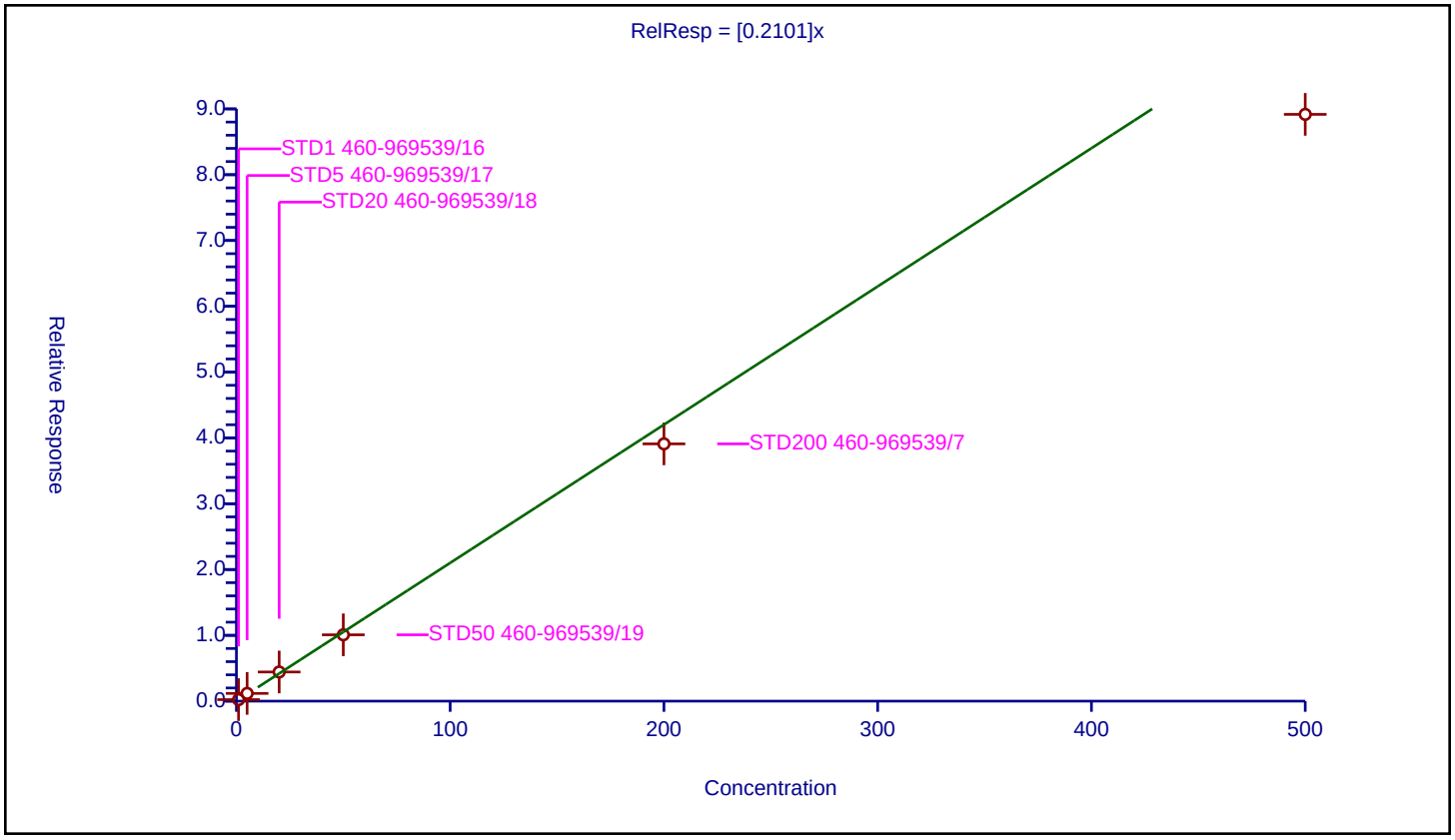
Curve Coefficients

Intercept:	0
Slope:	0.2101

Error Coefficients

Relative Standard Deviation:	10.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	1.0	0.228218	50.0	606877.0	0.228218	Y
2	STD5 460-969539/17	5.0	1.176325	50.0	623212.0	0.235265	Y
3	STD20 460-969539/18	20.0	4.430341	50.0	616702.0	0.221517	Y
4	STD50 460-969539/19	50.0	10.079667	50.0	643801.0	0.201593	Y
5	STD200 460-969539/7	200.0	39.096374	50.0	662376.0	0.195482	Y
6	STD500 460-969539/8	500.0	89.168971	50.0	723994.0	0.178338	Y



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Calibration / 1,2-Dichloro-1,1,2-trifluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

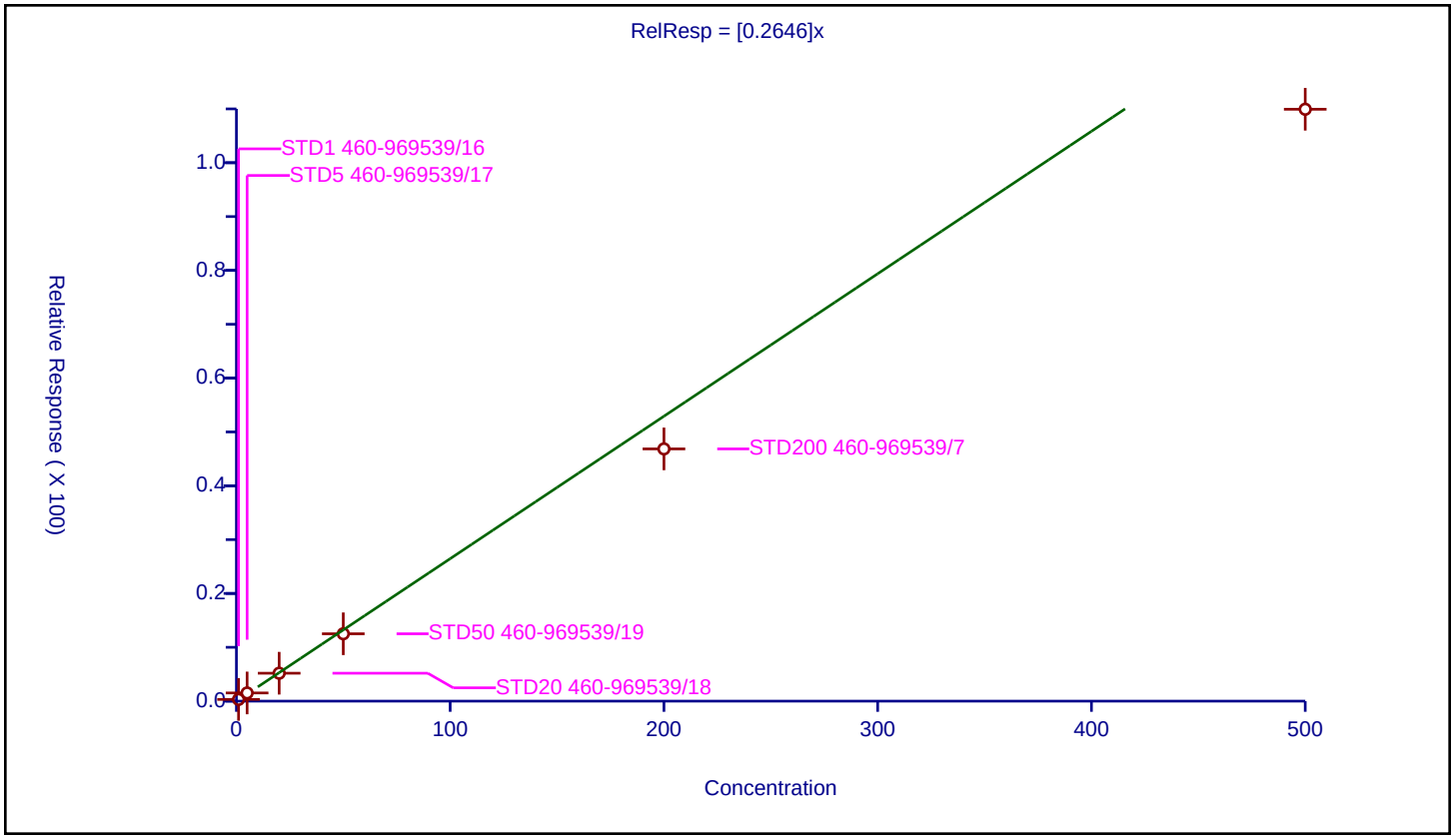
Curve Coefficients

Intercept:	0
Slope:	0.2646

Error Coefficients

Relative Standard Deviation:	14.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	1.0	0.319422	50.0	606877.0	0.319422	Y
2	STD5 460-969539/17	5.0	1.522997	50.0	623212.0	0.304599	Y
3	STD20 460-969539/18	20.0	5.184595	50.0	616702.0	0.25923	Y
4	STD50 460-969539/19	50.0	12.510698	50.0	643801.0	0.250214	Y
5	STD200 460-969539/7	200.0	46.847636	50.0	662376.0	0.234238	Y
6	STD500 460-969539/8	500.0	109.928328	50.0	723994.0	0.219857	Y



Calibration / 1,1,1-Trifluoro-2,2-dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

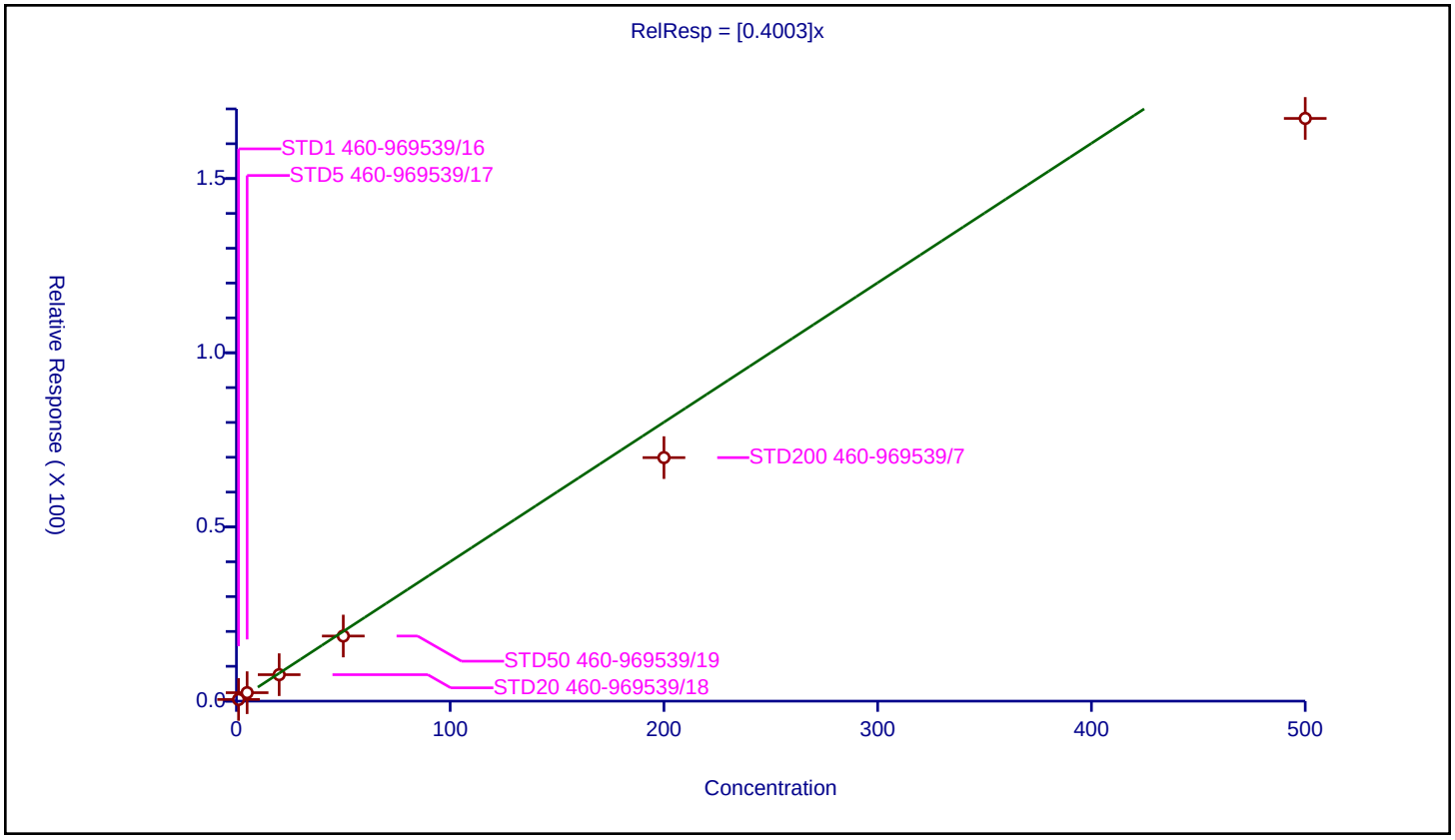
Curve Coefficients

Intercept:	0
Slope:	0.4003

Error Coefficients

Relative Standard Deviation:	16.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	1.0	0.478515	50.0	606877.0	0.478515	Y
2	STD5 460-969539/17	5.0	2.428066	50.0	623212.0	0.485613	Y
3	STD20 460-969539/18	20.0	7.598808	50.0	616702.0	0.37994	Y
4	STD50 460-969539/19	50.0	18.68683	50.0	643801.0	0.373737	Y
5	STD200 460-969539/7	200.0	69.899498	50.0	662376.0	0.349497	Y
6	STD500 460-969539/8	500.0	167.265682	50.0	723994.0	0.334531	Y



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Calibration / Acrolein

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

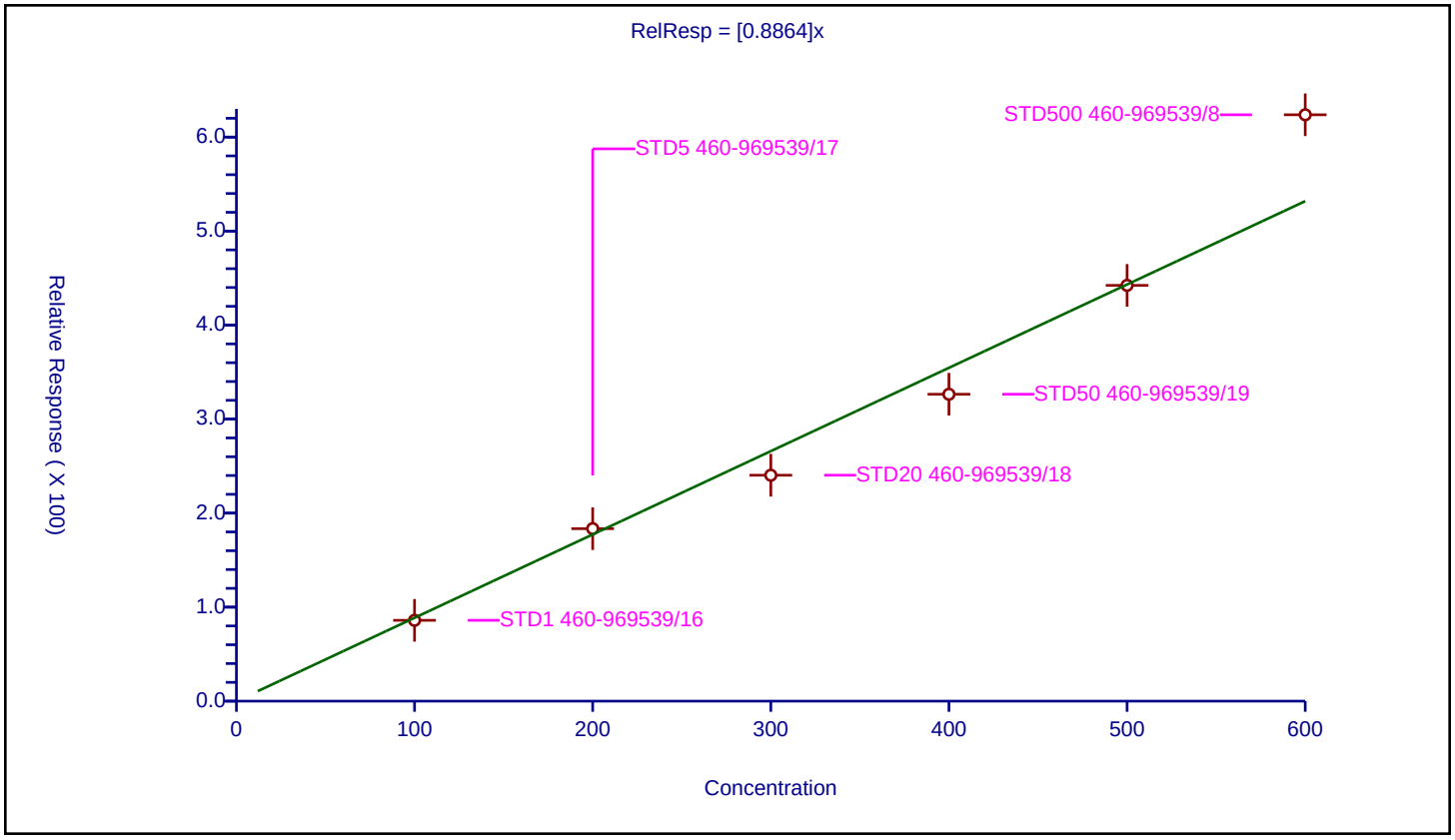
Curve Coefficients

Intercept:	0
Slope:	0.8864

Error Coefficients

Relative Standard Deviation:	9.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	100.0	85.964791	1000.0	390183.0	0.859648	Y
2	STD5 460-969539/17	200.0	183.499019	1000.0	470166.0	0.917495	Y
3	STD20 460-969539/18	300.0	240.337128	1000.0	536176.0	0.801124	Y
4	STD50 460-969539/19	400.0	326.449057	1000.0	522495.0	0.816123	Y
5	STD200 460-969539/7	500.0	442.269544	1000.0	479409.0	0.884539	Y
6	STD500 460-969539/8	600.0	623.726227	1000.0	402348.0	1.039544	Y



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Calibration / 1,1-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

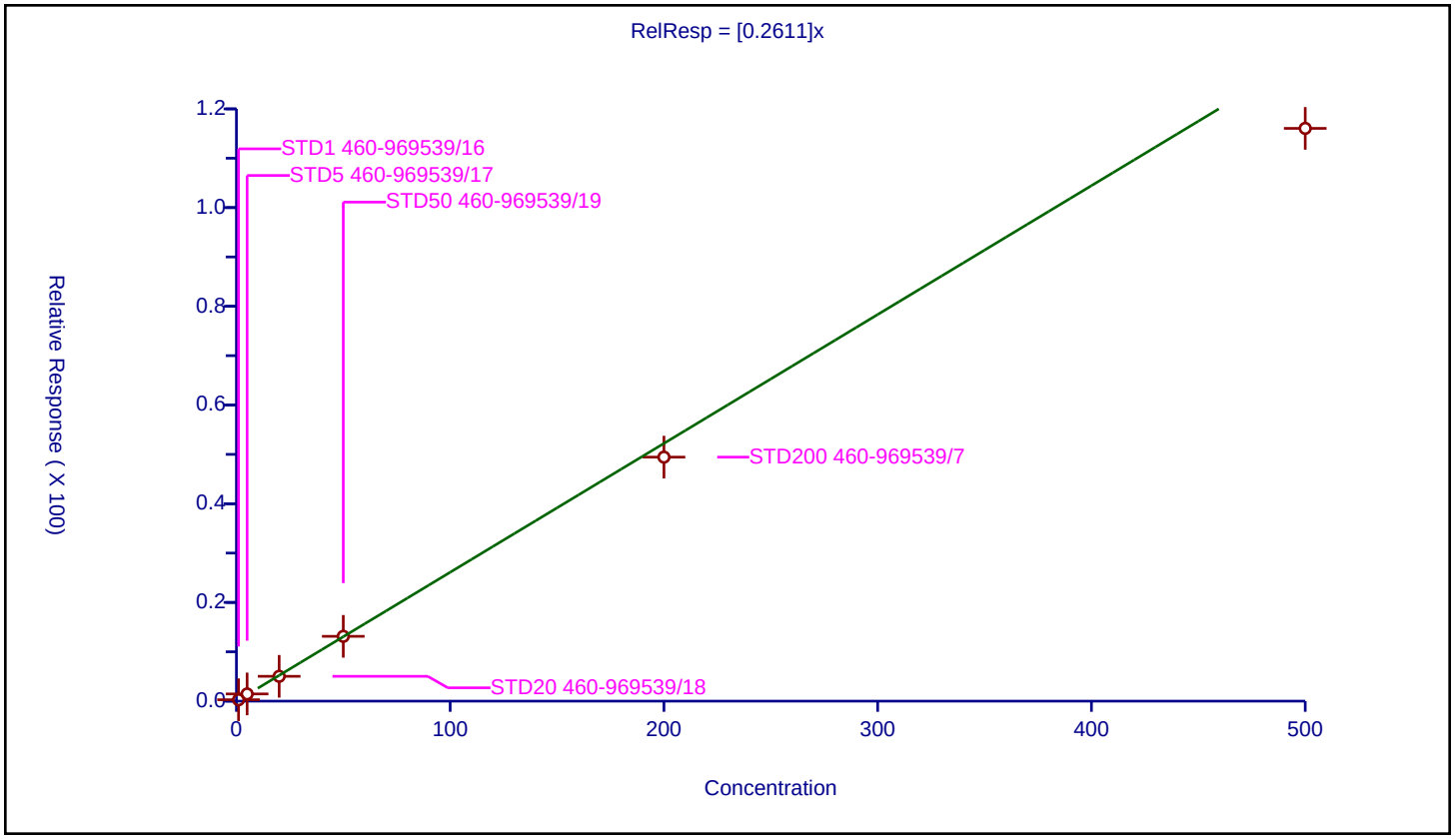
Curve Coefficients

Intercept:	0
Slope:	0.2611

Error Coefficients

Relative Standard Deviation:	8.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	1.0	0.281441	50.0	606877.0	0.281441	Y
2	STD5 460-969539/17	5.0	1.458573	50.0	623212.0	0.291715	Y
3	STD20 460-969539/18	20.0	5.031036	50.0	616702.0	0.251552	Y
4	STD50 460-969539/19	50.0	13.133173	50.0	643801.0	0.262663	Y
5	STD200 460-969539/7	200.0	49.440499	50.0	662376.0	0.247202	Y
6	STD500 460-969539/8	500.0	116.05179	50.0	723994.0	0.232104	Y



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Calibration / 1,1,2-Trichloro-1,2,2-trifluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

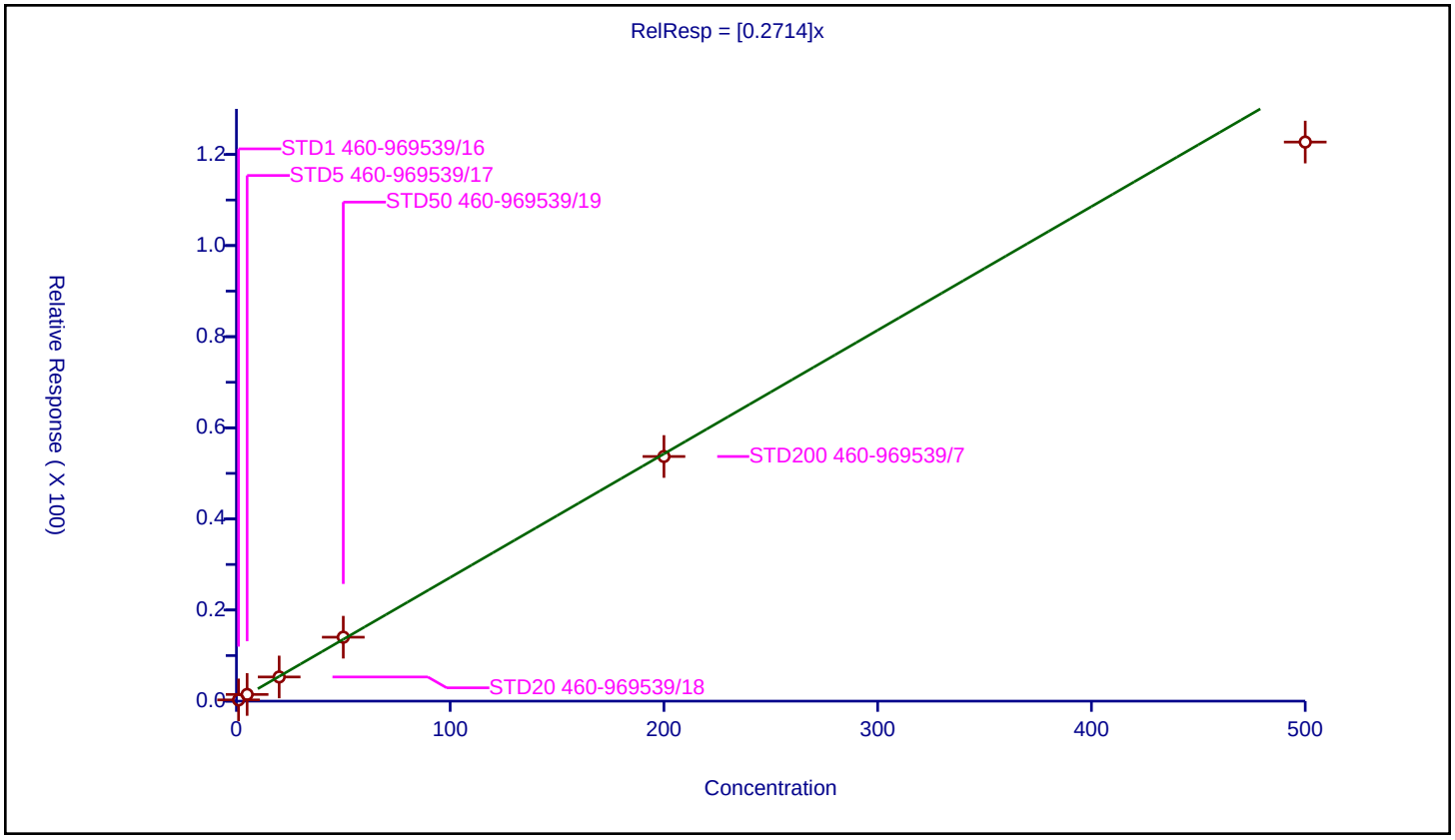
Curve Coefficients

Intercept:	0
Slope:	0.2714

Error Coefficients

Relative Standard Deviation:	6.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	1.0	0.274191	50.0	606877.0	0.274191	Y
2	STD5 460-969539/17	5.0	1.472372	50.0	623212.0	0.294474	Y
3	STD20 460-969539/18	20.0	5.303858	50.0	616702.0	0.265193	Y
4	STD50 460-969539/19	50.0	14.032131	50.0	643801.0	0.280643	Y
5	STD200 460-969539/7	200.0	53.698277	50.0	662376.0	0.268491	Y
6	STD500 460-969539/8	500.0	122.719663	50.0	723994.0	0.245439	Y



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Calibration / Acetone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

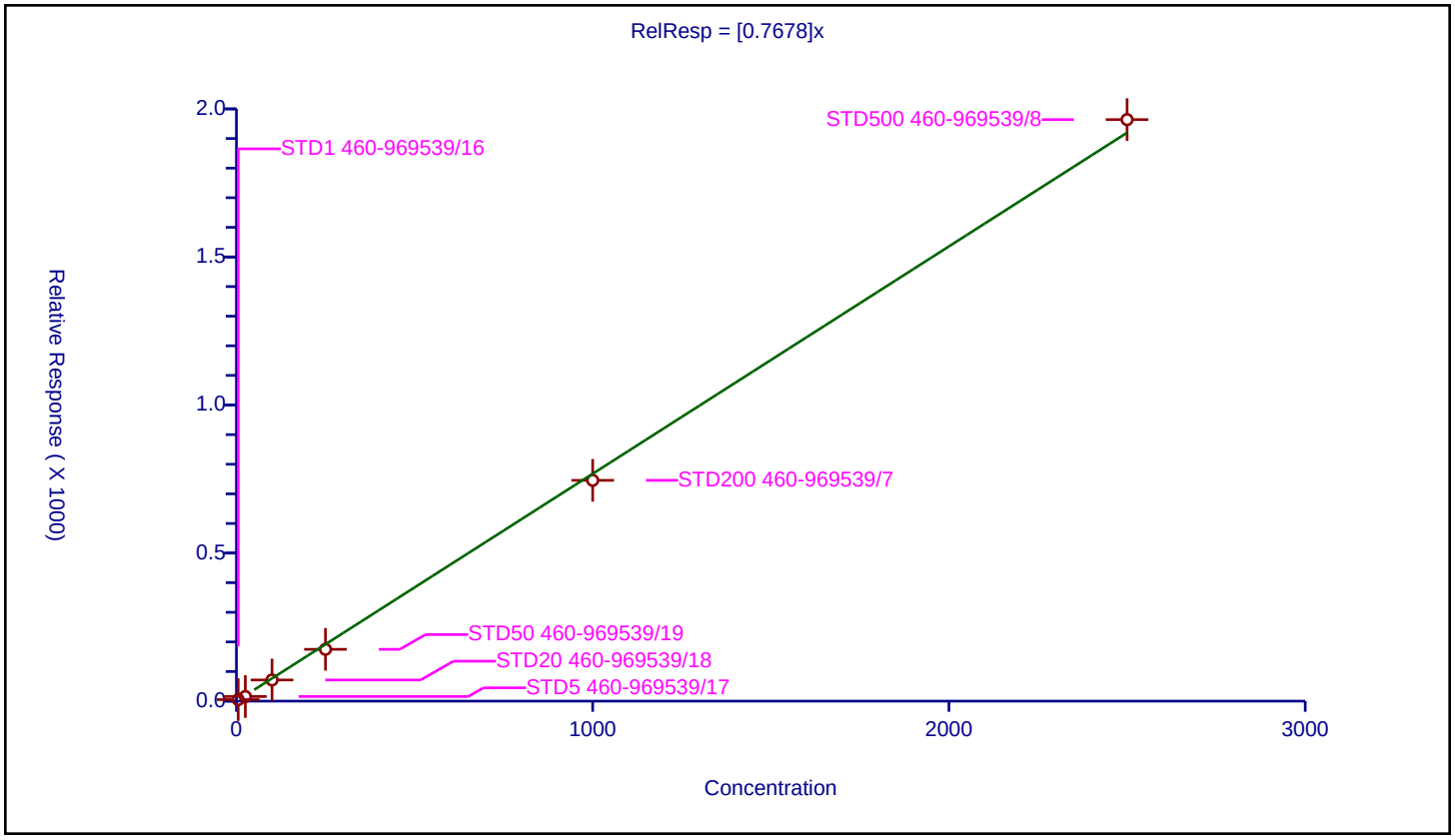
Curve Coefficients

Intercept:	0
Slope:	0.7678

Error Coefficients

Relative Standard Deviation:	18.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	5.0	5.180457	250.0	288102.0	1.036091	Y
2	STD5 460-969539/17	25.0	15.628151	250.0	317376.0	0.625126	Y
3	STD20 460-969539/18	100.0	71.475755	250.0	341371.0	0.714758	Y
4	STD50 460-969539/19	250.0	174.940958	250.0	353988.0	0.699764	Y
5	STD200 460-969539/7	1000.0	745.707721	250.0	358609.0	0.745708	Y
6	STD500 460-969539/8	2500.0	1963.79661	250.0	324500.0	0.785519	Y



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Calibration / Iodomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

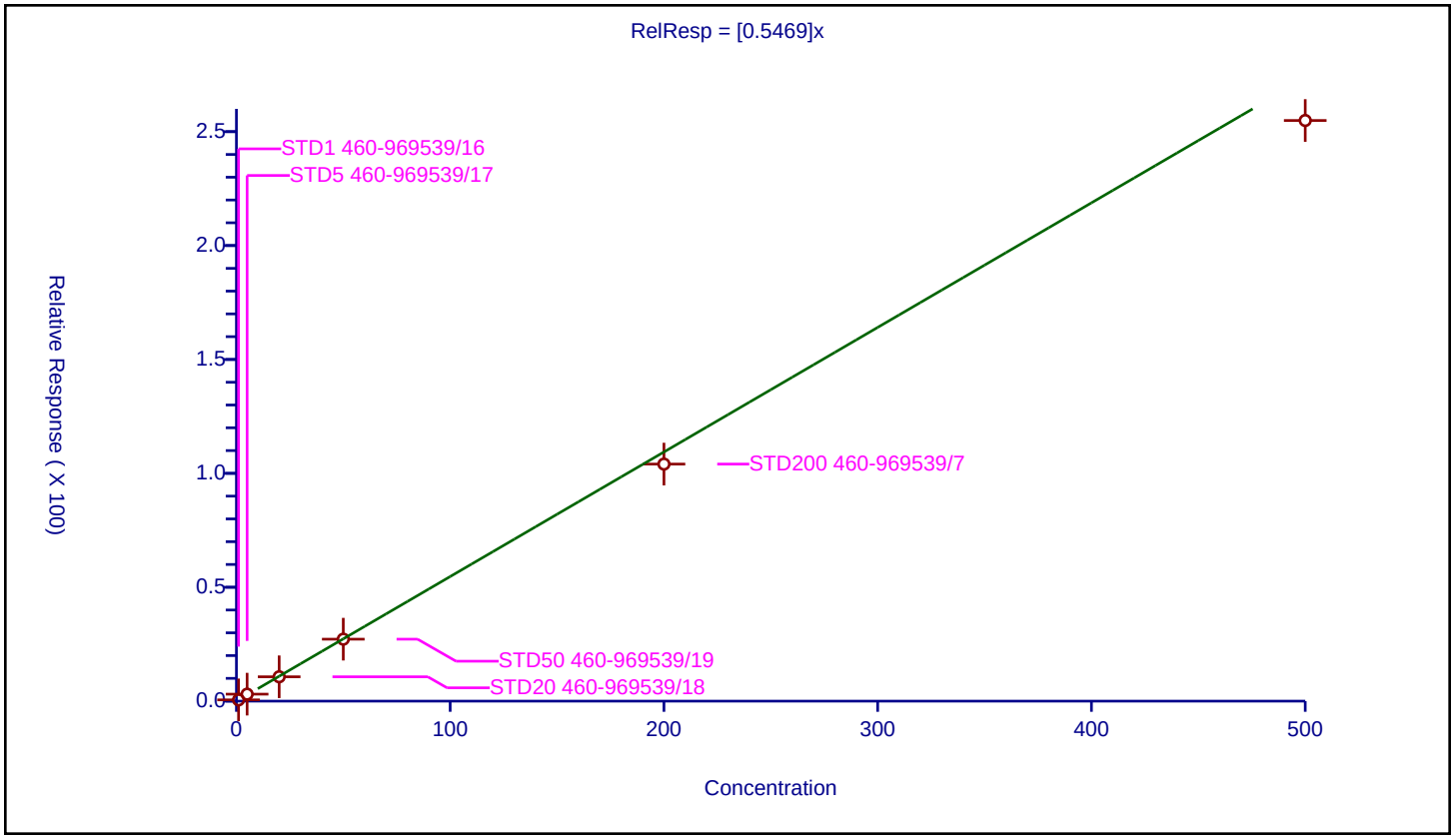
Curve Coefficients

Intercept:	0
Slope:	0.5469

Error Coefficients

Relative Standard Deviation:	6.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	1.0	0.559421	50.0	606877.0	0.559421	Y
2	STD5 460-969539/17	5.0	3.064928	50.0	623212.0	0.612986	Y
3	STD20 460-969539/18	20.0	10.694793	50.0	616702.0	0.53474	Y
4	STD50 460-969539/19	50.0	27.205301	50.0	643801.0	0.544106	Y
5	STD200 460-969539/7	200.0	104.063176	50.0	662376.0	0.520316	Y
6	STD500 460-969539/8	500.0	254.906394	50.0	723994.0	0.509813	Y



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Calibration / Carbon disulfide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

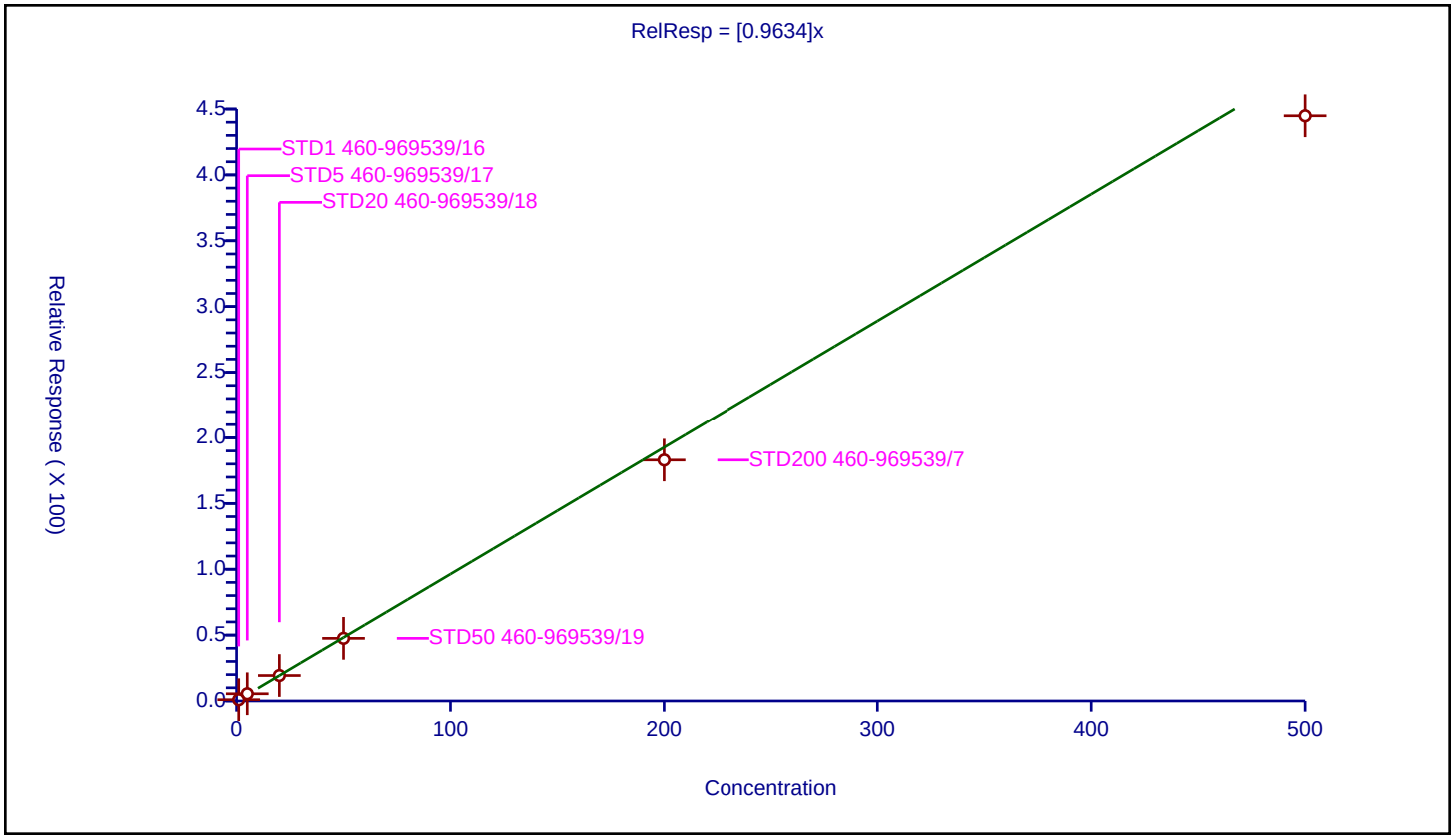
Curve Coefficients

Intercept:	0
Slope:	0.9634

Error Coefficients

Relative Standard Deviation:	7.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	1.0	0.964363	50.0	606877.0	0.964363	Y
2	STD5 460-969539/17	5.0	5.475825	50.0	623212.0	1.095165	Y
3	STD20 460-969539/18	20.0	19.312569	50.0	616702.0	0.965628	Y
4	STD50 460-969539/19	50.0	47.520507	50.0	643801.0	0.95041	Y
5	STD200 460-969539/7	200.0	183.062037	50.0	662376.0	0.91531	Y
6	STD500 460-969539/8	500.0	444.875372	50.0	723994.0	0.889751	Y



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Calibration / Isopropyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

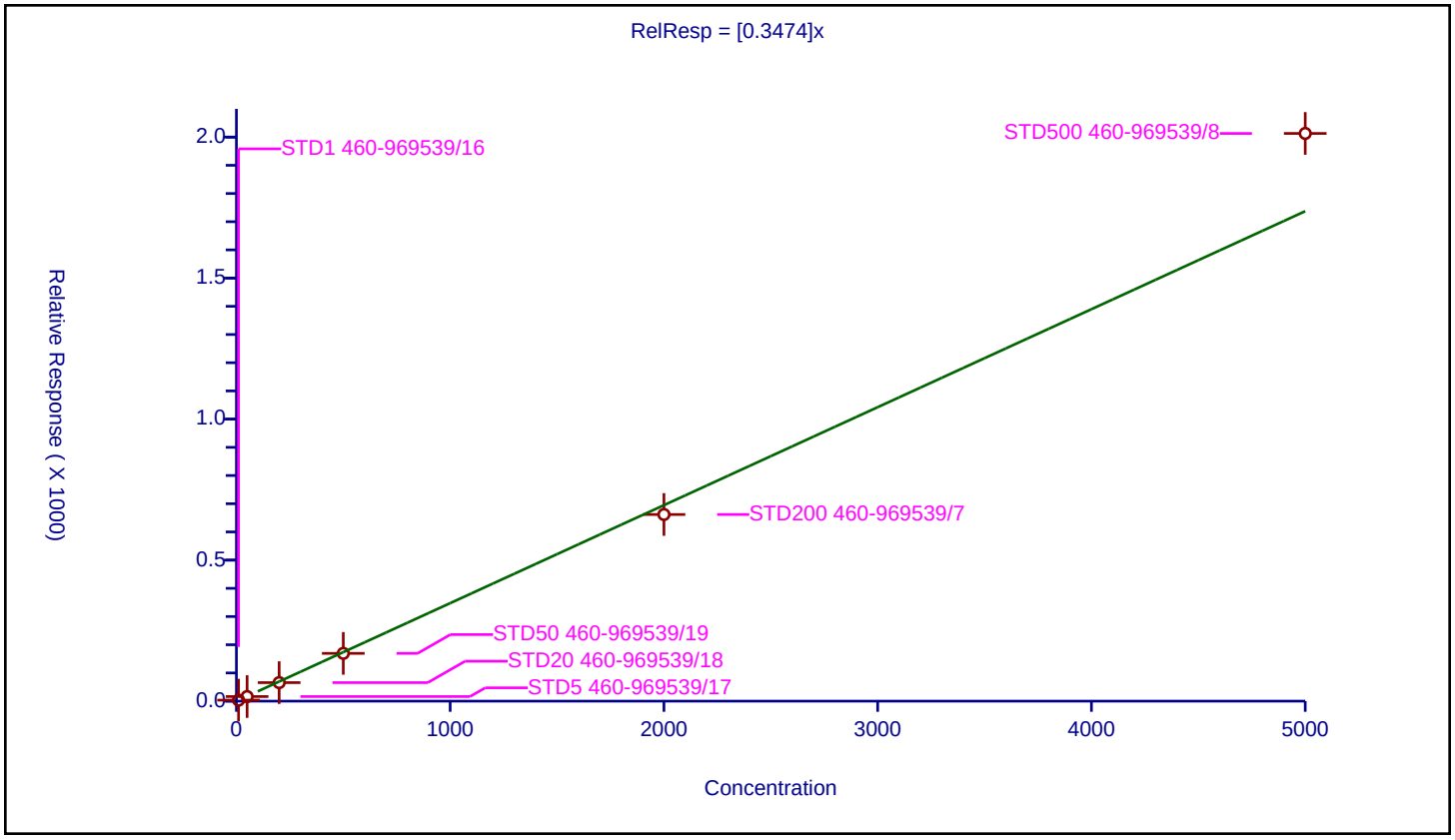
Curve Coefficients

Intercept:	0
Slope:	0.3474

Error Coefficients

Relative Standard Deviation:	8.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	10.0	3.580371	1000.0	390183.0	0.358037	Y
2	STD5 460-969539/17	50.0	16.287864	1000.0	470166.0	0.325757	Y
3	STD20 460-969539/18	200.0	65.726552	1000.0	536176.0	0.328633	Y
4	STD50 460-969539/19	500.0	169.362386	1000.0	522495.0	0.338725	Y
5	STD200 460-969539/7	2000.0	661.773142	1000.0	479409.0	0.330887	Y
6	STD500 460-969539/8	5000.0	2012.879398	1000.0	402348.0	0.402576	Y



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Calibration / Acetonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

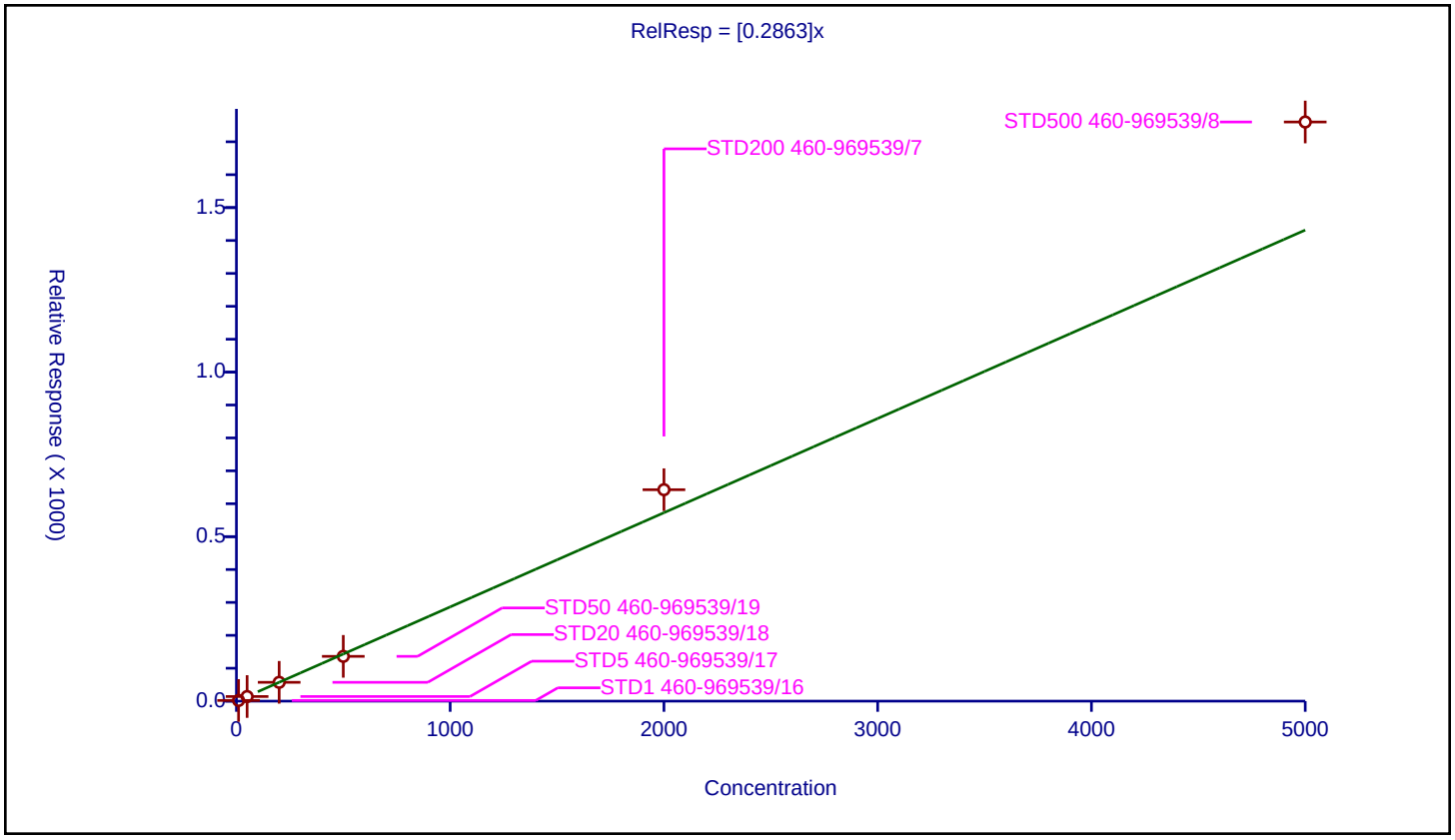
Curve Coefficients

Intercept:	0
Slope:	0.2863

Error Coefficients

Relative Standard Deviation:	17.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	10.0	2.063134	1000.0	390183.0	0.206313	Y
2	STD5 460-969539/17	50.0	14.014199	1000.0	470166.0	0.280284	Y
3	STD20 460-969539/18	200.0	57.180851	1000.0	536176.0	0.285904	Y
4	STD50 460-969539/19	500.0	136.087427	1000.0	522495.0	0.272175	Y
5	STD200 460-969539/7	2000.0	642.609964	1000.0	479409.0	0.321305	Y
6	STD500 460-969539/8	5000.0	1760.150417	1000.0	402348.0	0.35203	Y



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Calibration / 3-Chloro-1-propene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

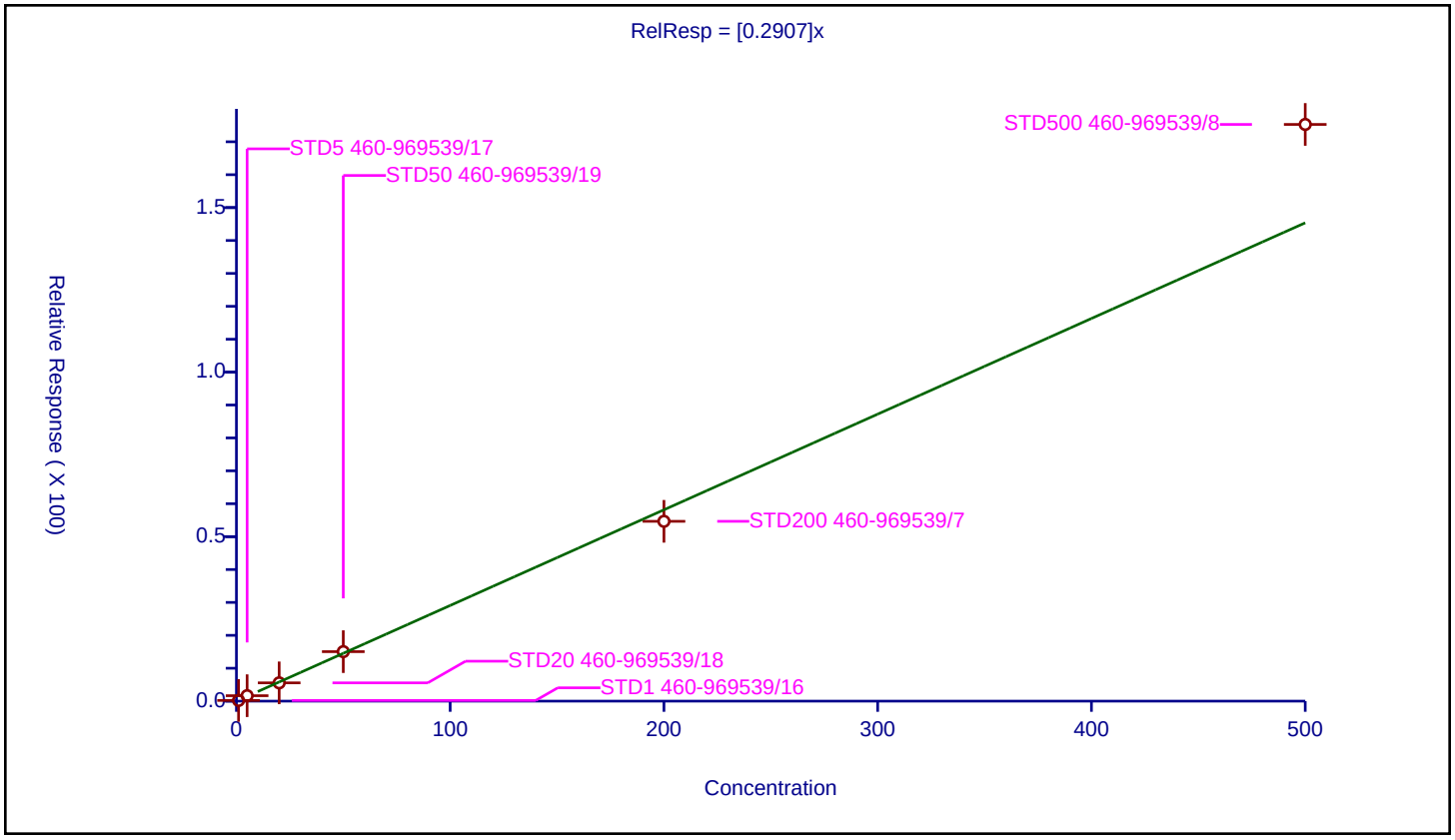
Curve Coefficients

Intercept:	0
Slope:	0.2907

Error Coefficients

Relative Standard Deviation:	16.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	1.0	0.211163	50.0	606877.0	0.211163	Y
2	STD5 460-969539/17	5.0	1.653049	50.0	623212.0	0.33061	Y
3	STD20 460-969539/18	20.0	5.559573	50.0	616702.0	0.277979	Y
4	STD50 460-969539/19	50.0	15.046653	50.0	643801.0	0.300933	Y
5	STD200 460-969539/7	200.0	54.652871	50.0	662376.0	0.273264	Y
6	STD500 460-969539/8	500.0	175.269823	50.0	723994.0	0.35054	Y



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Calibration / Methyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

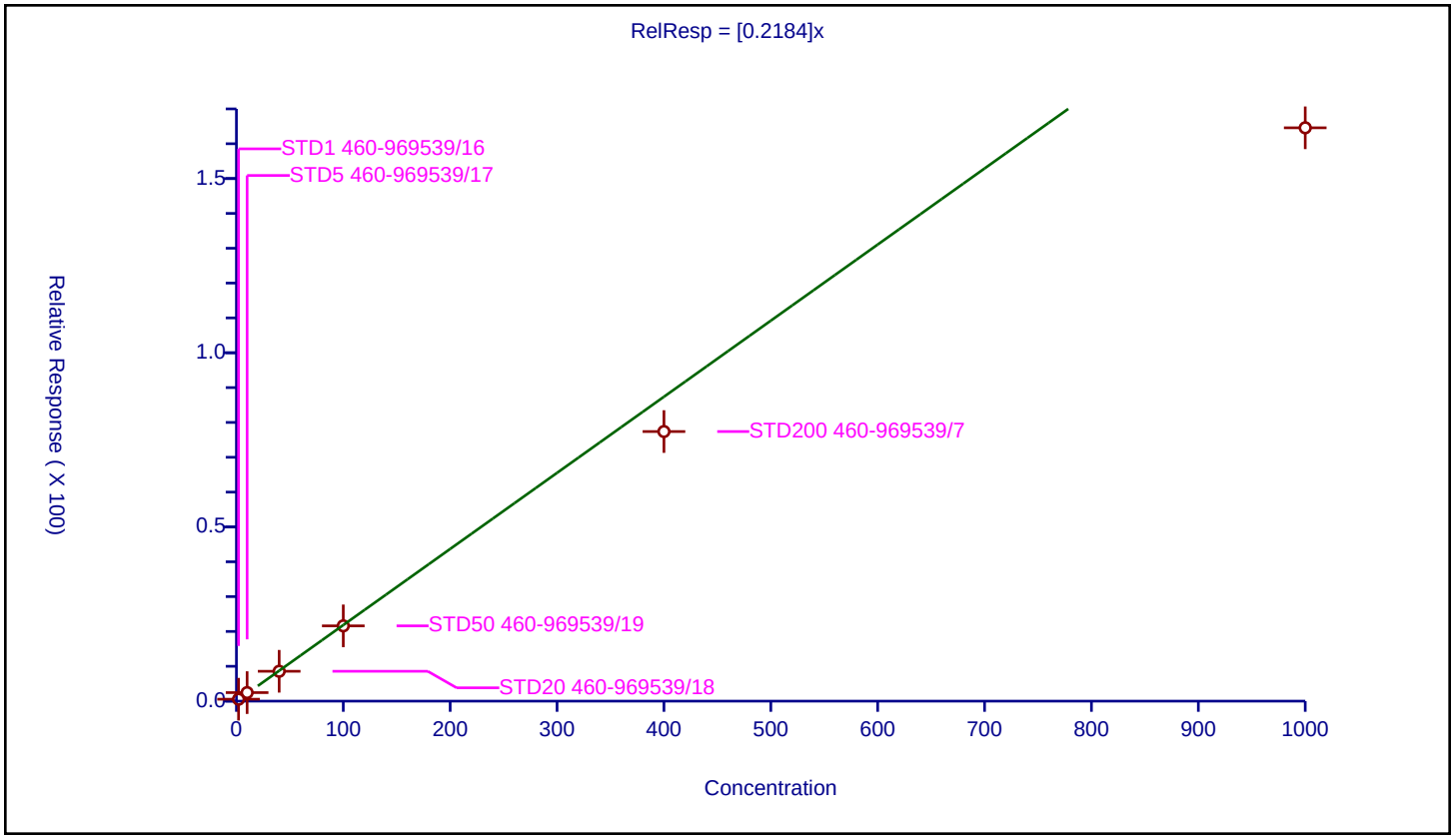
Curve Coefficients

Intercept:	0
Slope:	0.2184

Error Coefficients

Relative Standard Deviation:	17.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	2.0	0.553819	50.0	606877.0	0.276909	Y
2	STD5 460-969539/17	10.0	2.451975	50.0	623212.0	0.245197	Y
3	STD20 460-969539/18	40.0	8.571158	50.0	616702.0	0.214279	Y
4	STD50 460-969539/19	100.0	21.609783	50.0	643801.0	0.216098	Y
5	STD200 460-969539/7	400.0	77.388749	50.0	662376.0	0.193472	Y
6	STD500 460-969539/8	1000.0	164.572358	50.0	723994.0	0.164572	Y



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Calibration / Methylene Chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

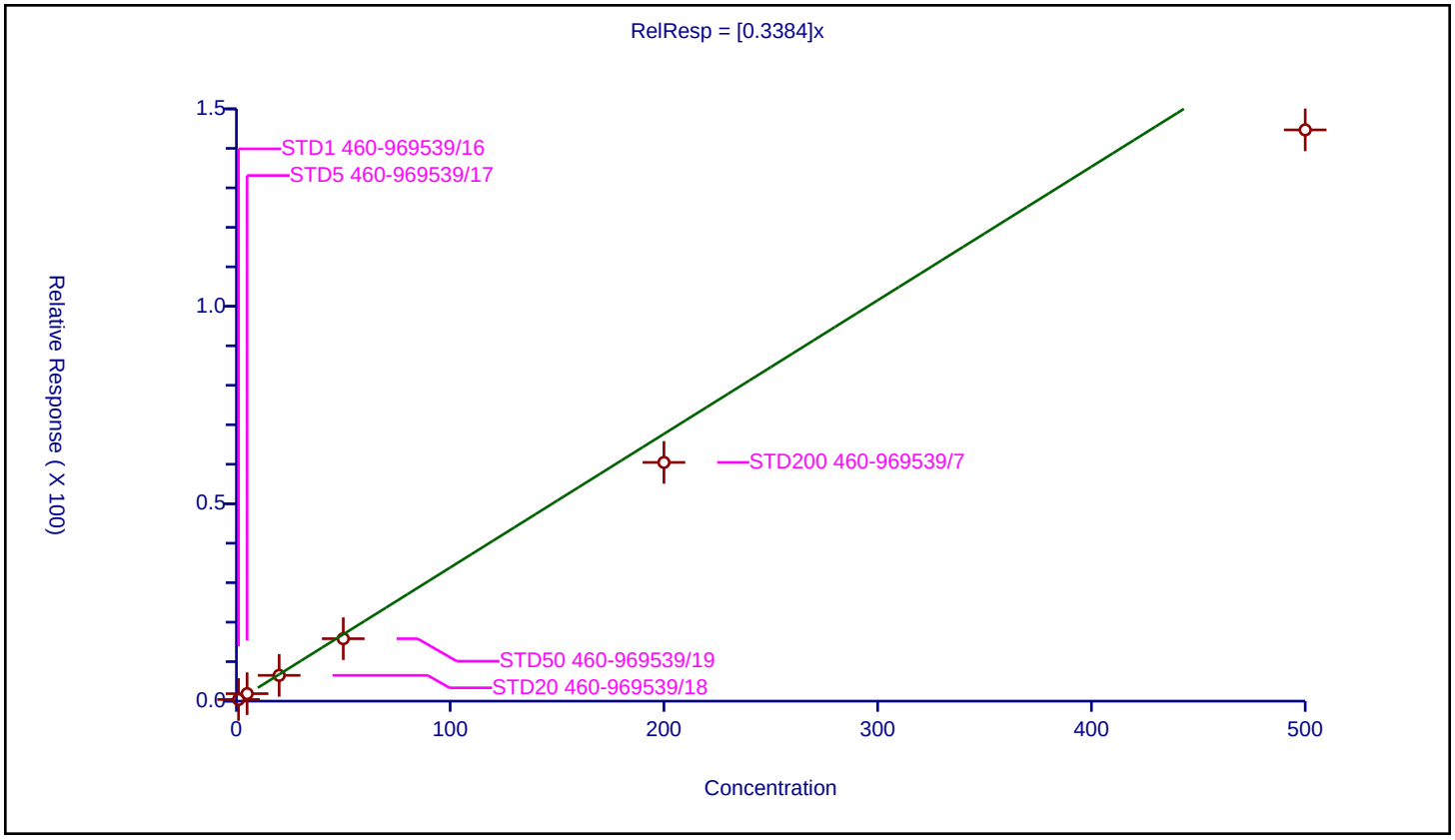
Curve Coefficients

Intercept:	0
Slope:	0.3384

Error Coefficients

Relative Standard Deviation:	14.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	1.0	0.418124	50.0	606877.0	0.418124	Y
2	STD5 460-969539/17	5.0	1.89101	50.0	623212.0	0.378202	Y
3	STD20 460-969539/18	20.0	6.524788	50.0	616702.0	0.326239	Y
4	STD50 460-969539/19	50.0	15.81366	50.0	643801.0	0.316273	Y
5	STD200 460-969539/7	200.0	60.461279	50.0	662376.0	0.302306	Y
6	STD500 460-969539/8	500.0	144.67537	50.0	723994.0	0.289351	Y



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Calibration / 2-Methyl-2-propanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

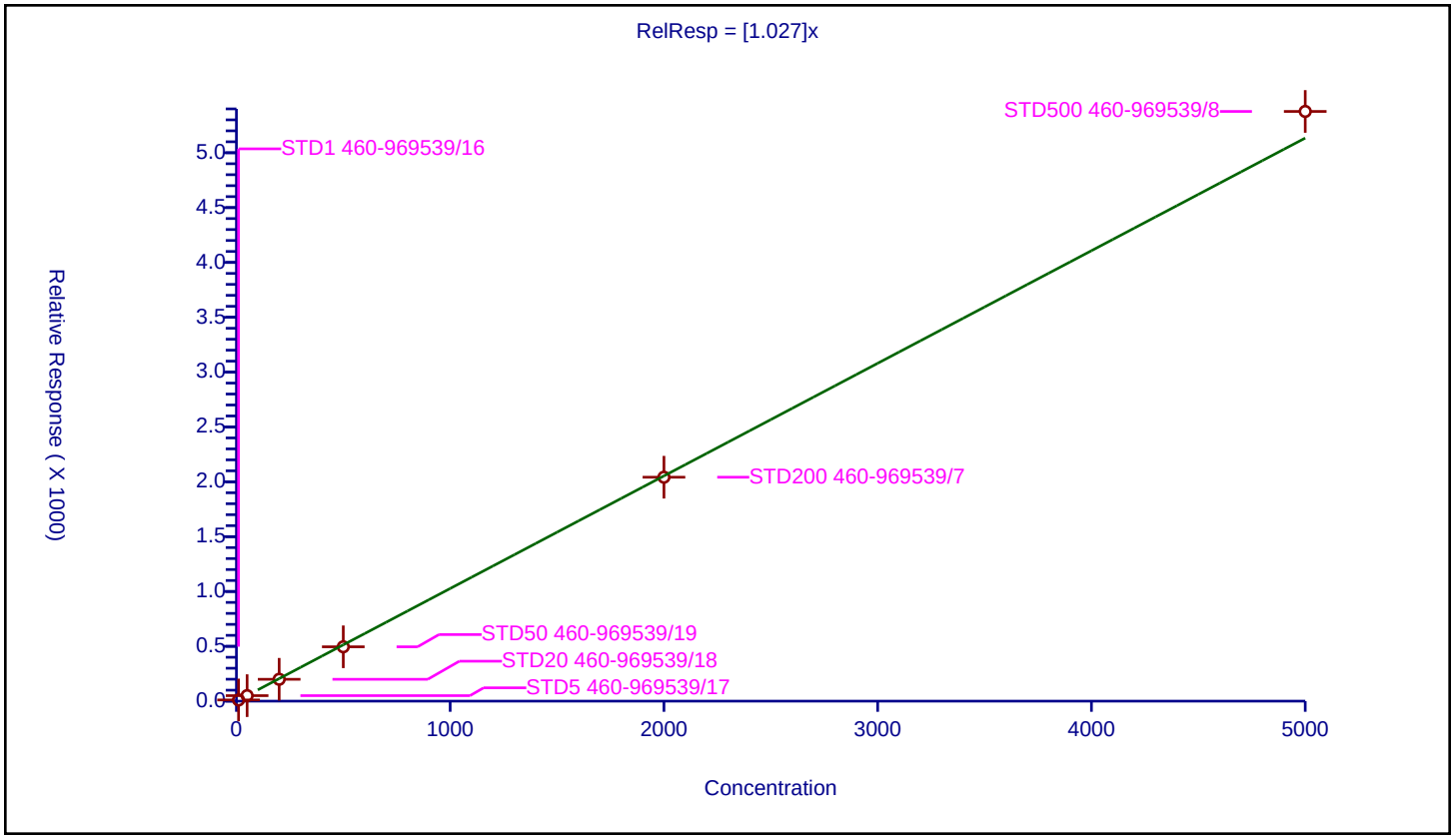
Curve Coefficients

Intercept:	0
Slope:	1.027

Error Coefficients

Relative Standard Deviation:	3.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	10.0	10.743677	1000.0	390183.0	1.074368	Y
2	STD5 460-969539/17	50.0	50.135484	1000.0	470166.0	1.00271	Y
3	STD20 460-969539/18	200.0	199.275984	1000.0	536176.0	0.99638	Y
4	STD50 460-969539/19	500.0	495.520531	1000.0	522495.0	0.991041	Y
5	STD200 460-969539/7	2000.0	2041.734719	1000.0	479409.0	1.020867	Y
6	STD500 460-969539/8	5000.0	5376.795709	1000.0	402348.0	1.075359	Y



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Calibration / Acrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

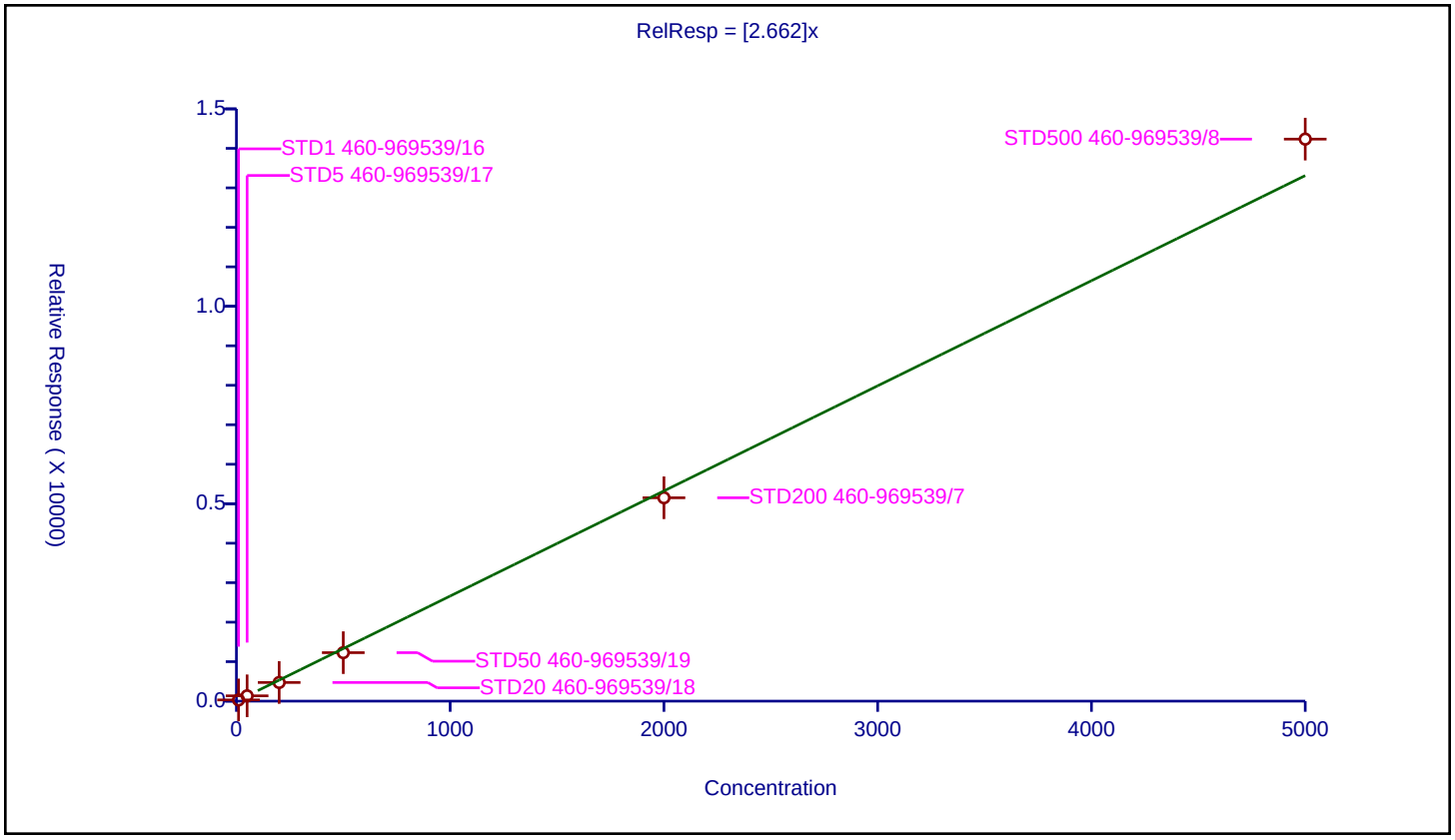
Curve Coefficients

Intercept:	0
Slope:	2.662

Error Coefficients

Relative Standard Deviation:	9.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	10.0	30.467755	1000.0	390183.0	3.046775	Y
2	STD5 460-969539/17	50.0	134.261091	1000.0	470166.0	2.685222	Y
3	STD20 460-969539/18	200.0	472.363552	1000.0	536176.0	2.361818	Y
4	STD50 460-969539/19	500.0	1228.25673	1000.0	522495.0	2.456513	Y
5	STD200 460-969539/7	2000.0	5150.606267	1000.0	479409.0	2.575303	Y
6	STD500 460-969539/8	5000.0	14234.123197	1000.0	402348.0	2.846825	Y



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Calibration / trans-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

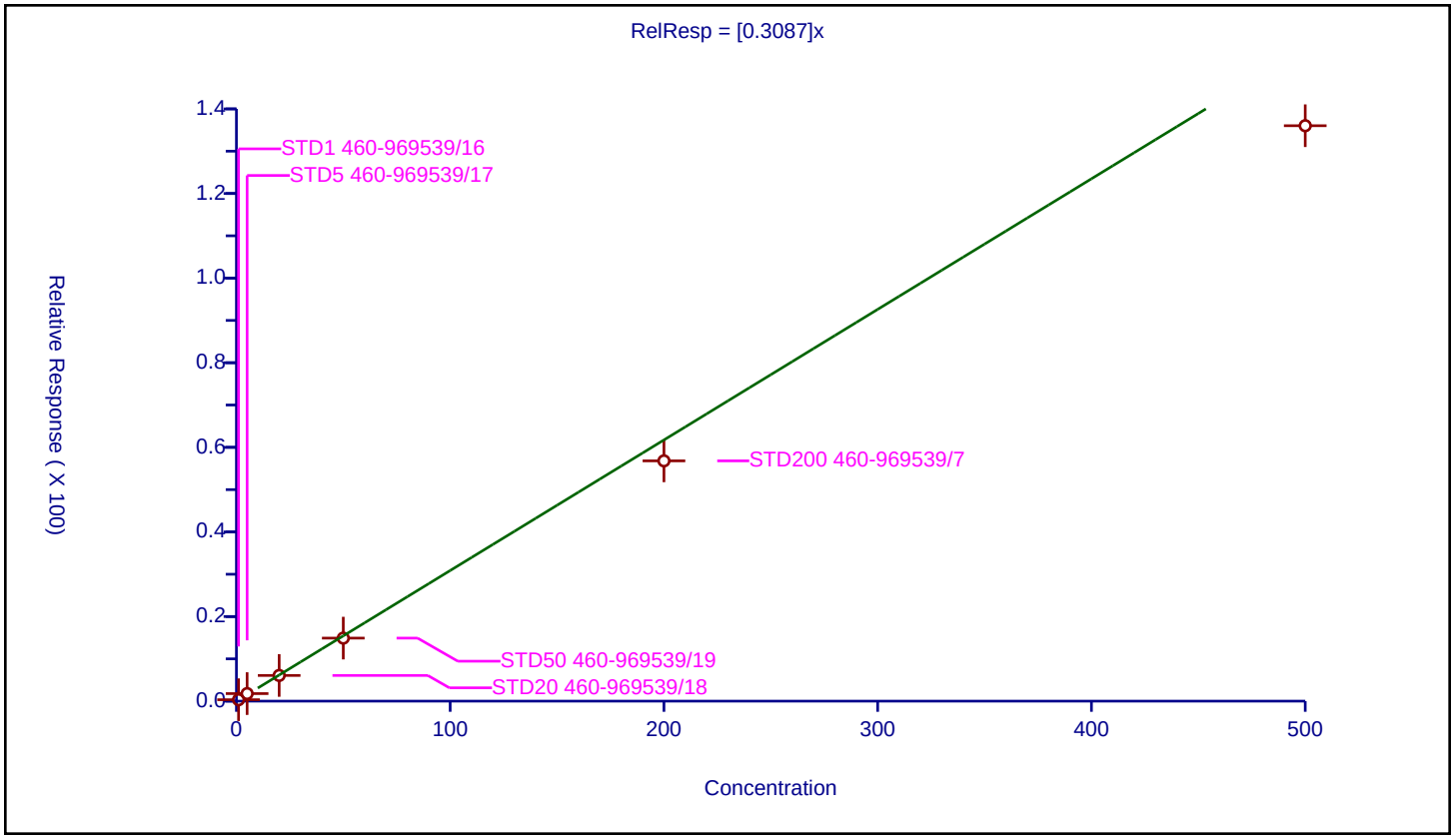
Curve Coefficients

Intercept:	0
Slope:	0.3087

Error Coefficients

Relative Standard Deviation:	10.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	1.0	0.33763	50.0	606877.0	0.33763	Y
2	STD5 460-969539/17	5.0	1.785027	50.0	623212.0	0.357005	Y
3	STD20 460-969539/18	20.0	6.071085	50.0	616702.0	0.303554	Y
4	STD50 460-969539/19	50.0	14.896451	50.0	643801.0	0.297929	Y
5	STD200 460-969539/7	200.0	56.79999	50.0	662376.0	0.284	Y
6	STD500 460-969539/8	500.0	136.022812	50.0	723994.0	0.272046	Y



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Calibration / Methyl tert-butyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

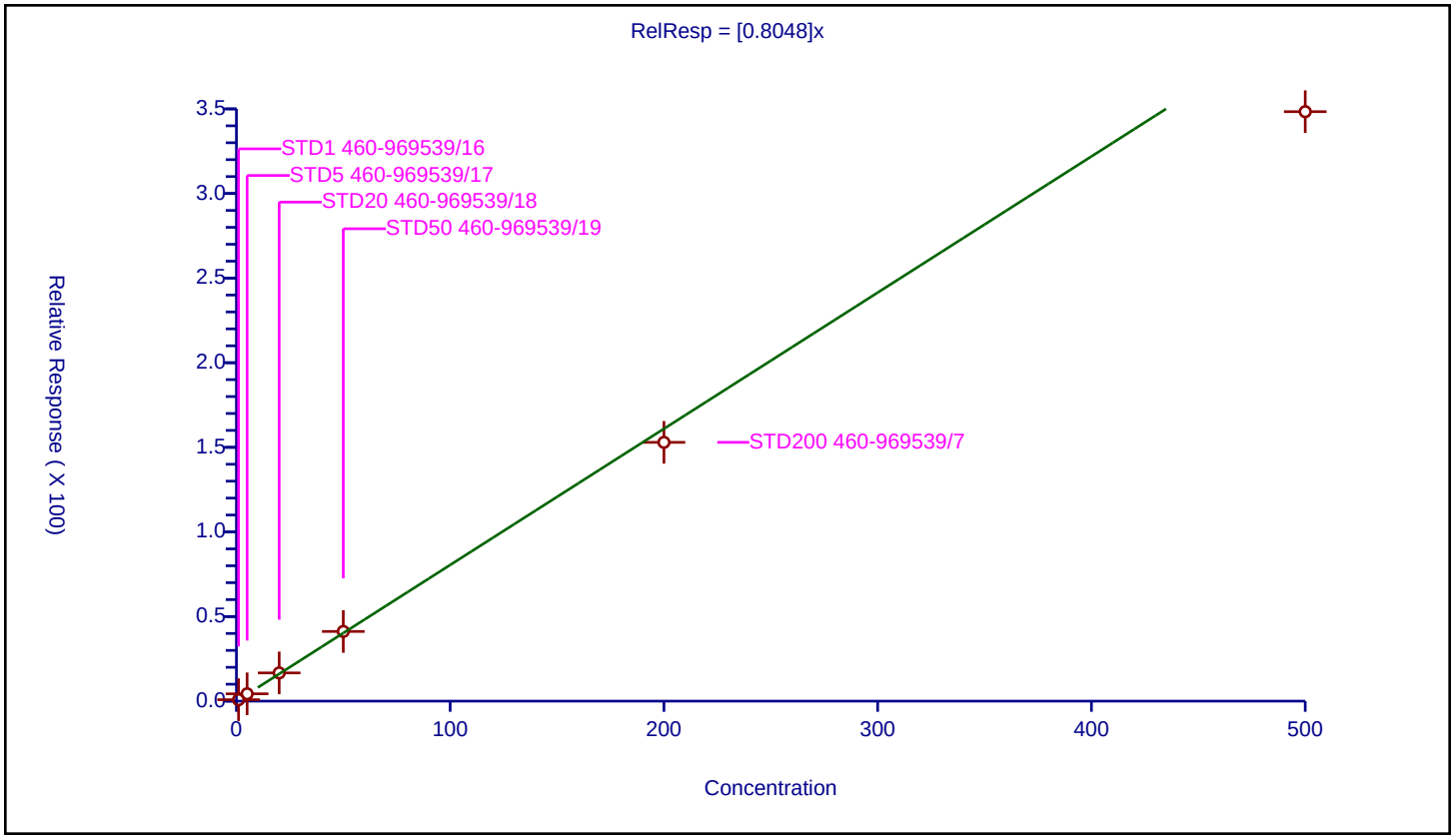
Curve Coefficients

Intercept:	0
Slope:	0.8048

Error Coefficients

Relative Standard Deviation:	7.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	1.0	0.843087	50.0	606877.0	0.843087	Y
2	STD5 460-969539/17	5.0	4.333598	50.0	623212.0	0.86672	Y
3	STD20 460-969539/18	20.0	16.677342	50.0	616702.0	0.833867	Y
4	STD50 460-969539/19	50.0	41.186951	50.0	643801.0	0.823739	Y
5	STD200 460-969539/7	200.0	152.93036	50.0	662376.0	0.764652	Y
6	STD500 460-969539/8	500.0	348.357583	50.0	723994.0	0.696715	Y



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Calibration / Hexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

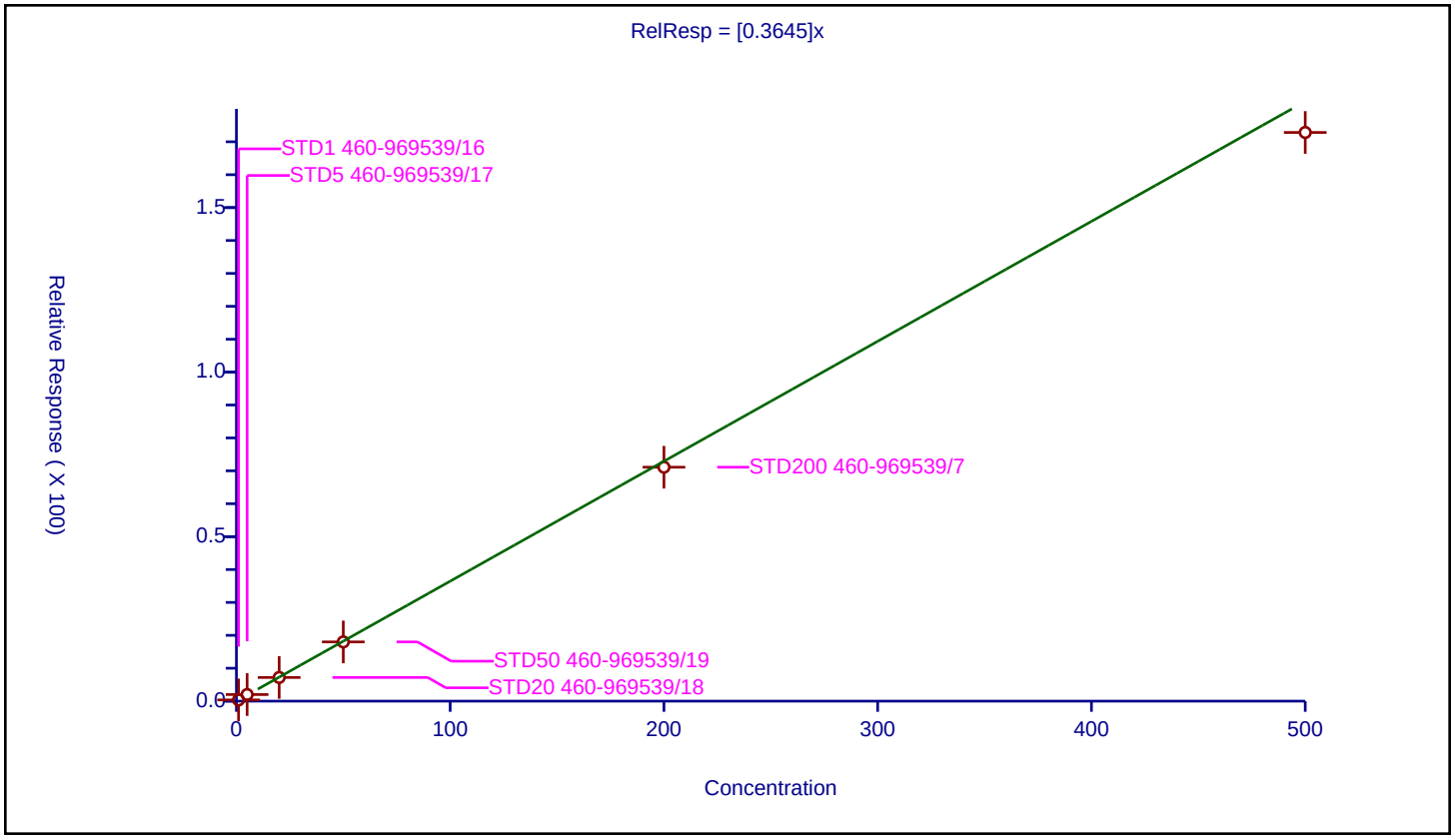
Curve Coefficients

Intercept:	0
Slope:	0.3645

Error Coefficients

Relative Standard Deviation:	5.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	1.0	0.365642	50.0	606877.0	0.365642	Y
2	STD5 460-969539/17	5.0	2.00309	50.0	623212.0	0.400618	Y
3	STD20 460-969539/18	20.0	7.196101	50.0	616702.0	0.359805	Y
4	STD50 460-969539/19	50.0	18.000749	50.0	643801.0	0.360015	Y
5	STD200 460-969539/7	200.0	71.100478	50.0	662376.0	0.355502	Y
6	STD500 460-969539/8	500.0	172.83762	50.0	723994.0	0.345675	Y



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Calibration / 1,1-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

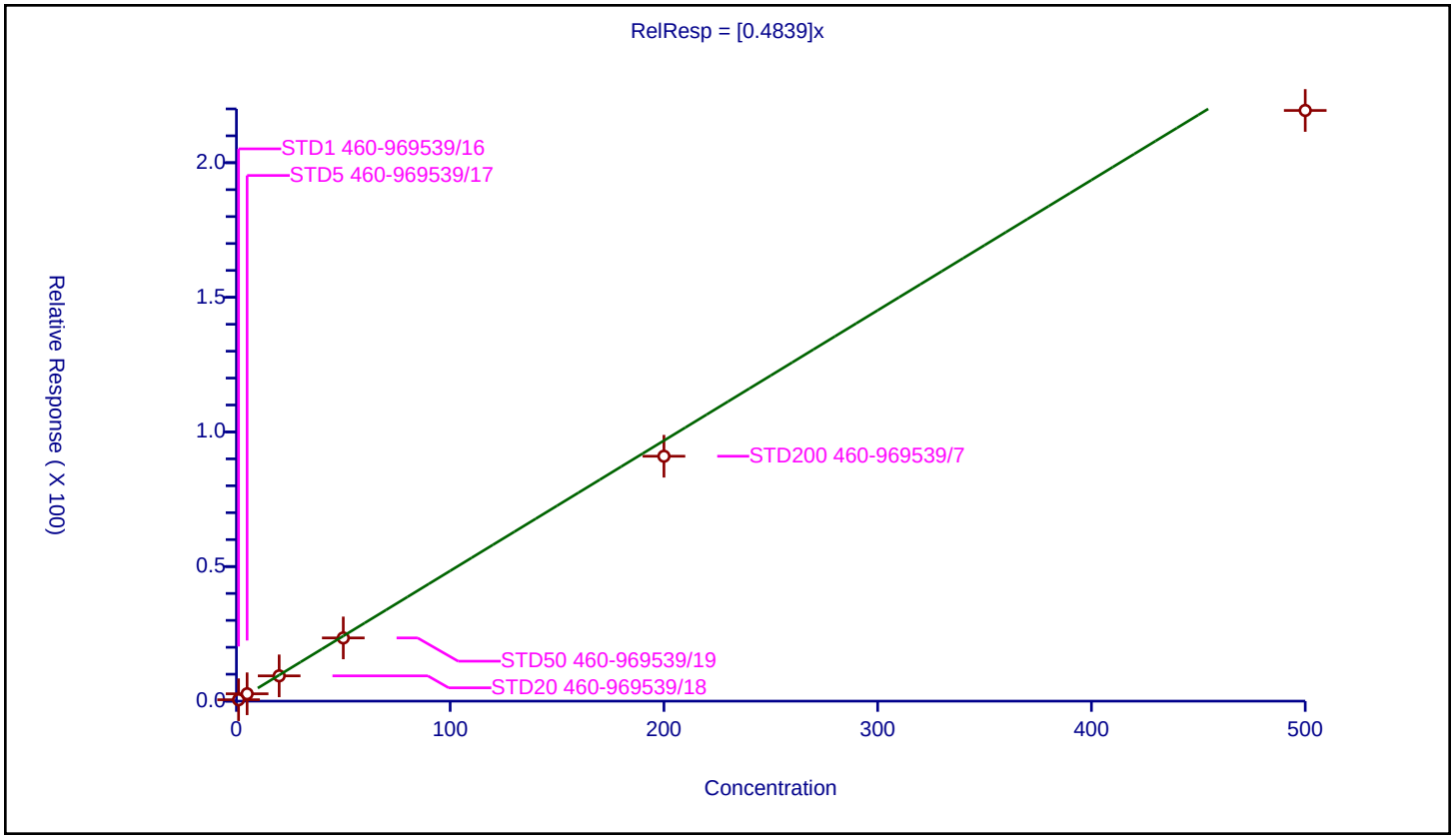
Curve Coefficients

Intercept:	0
Slope:	0.4839

Error Coefficients

Relative Standard Deviation:	8.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	1.0	0.523912	50.0	606877.0	0.523912	Y
2	STD5 460-969539/17	5.0	2.732457	50.0	623212.0	0.546491	Y
3	STD20 460-969539/18	20.0	9.395705	50.0	616702.0	0.469785	Y
4	STD50 460-969539/19	50.0	23.478062	50.0	643801.0	0.469561	Y
5	STD200 460-969539/7	200.0	90.974764	50.0	662376.0	0.454874	Y
6	STD500 460-969539/8	500.0	219.417426	50.0	723994.0	0.438835	Y



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Calibration / Vinyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

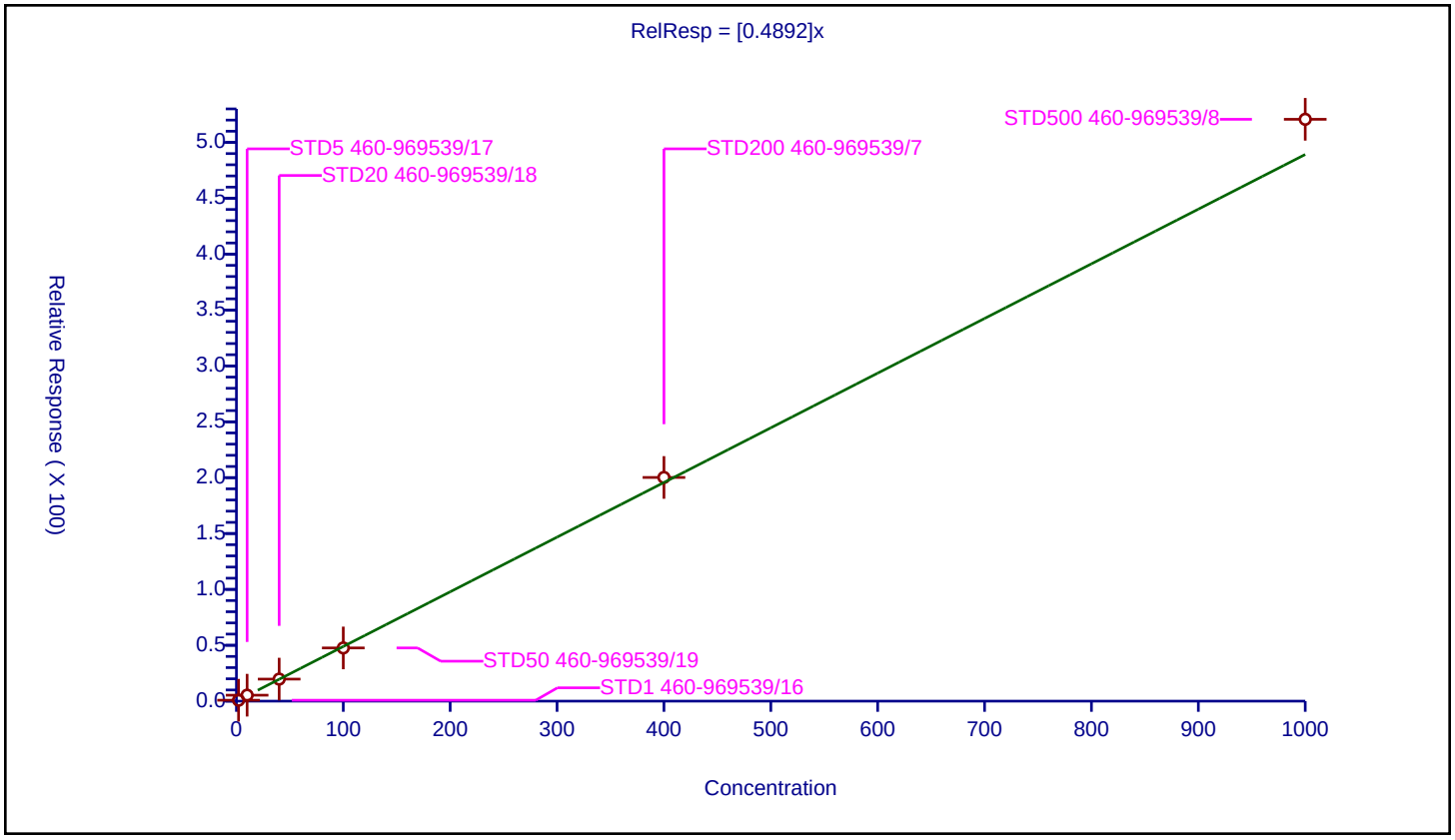
Curve Coefficients

Intercept:	0
Slope:	0.4892

Error Coefficients

Relative Standard Deviation:	8.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	2.0	0.823493	250.0	288102.0	0.411747	Y
2	STD5 460-969539/17	10.0	5.333579	250.0	317376.0	0.533358	Y
3	STD20 460-969539/18	40.0	19.713889	250.0	341371.0	0.492847	Y
4	STD50 460-969539/19	100.0	47.604015	250.0	353988.0	0.47604	Y
5	STD200 460-969539/7	400.0	200.185299	250.0	358609.0	0.500463	Y
6	STD500 460-969539/8	1000.0	520.690293	250.0	324500.0	0.52069	Y



Calibration / 2-Chloro-1,3-butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

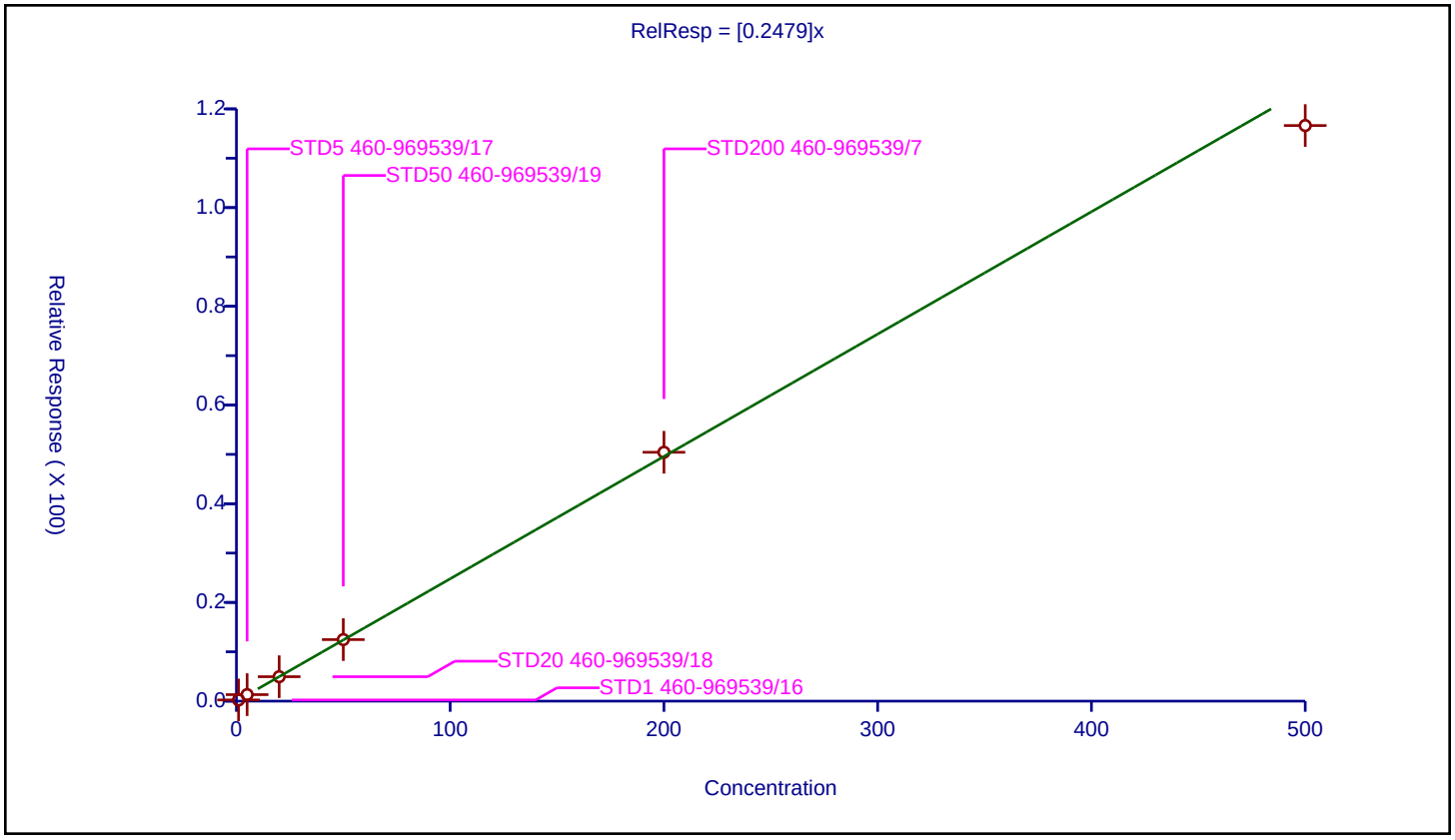
Curve Coefficients

Intercept:	0
Slope:	0.2479

Error Coefficients

Relative Standard Deviation:	4.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	1.0	0.240576	50.0	606877.0	0.240576	Y
2	STD5 460-969539/17	5.0	1.321942	50.0	623212.0	0.264388	Y
3	STD20 460-969539/18	20.0	4.952959	50.0	616702.0	0.247648	Y
4	STD50 460-969539/19	50.0	12.469847	50.0	643801.0	0.249397	Y
5	STD200 460-969539/7	200.0	50.428458	50.0	662376.0	0.252142	Y
6	STD500 460-969539/8	500.0	116.626657	50.0	723994.0	0.233253	Y



Calibration / Isopropyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

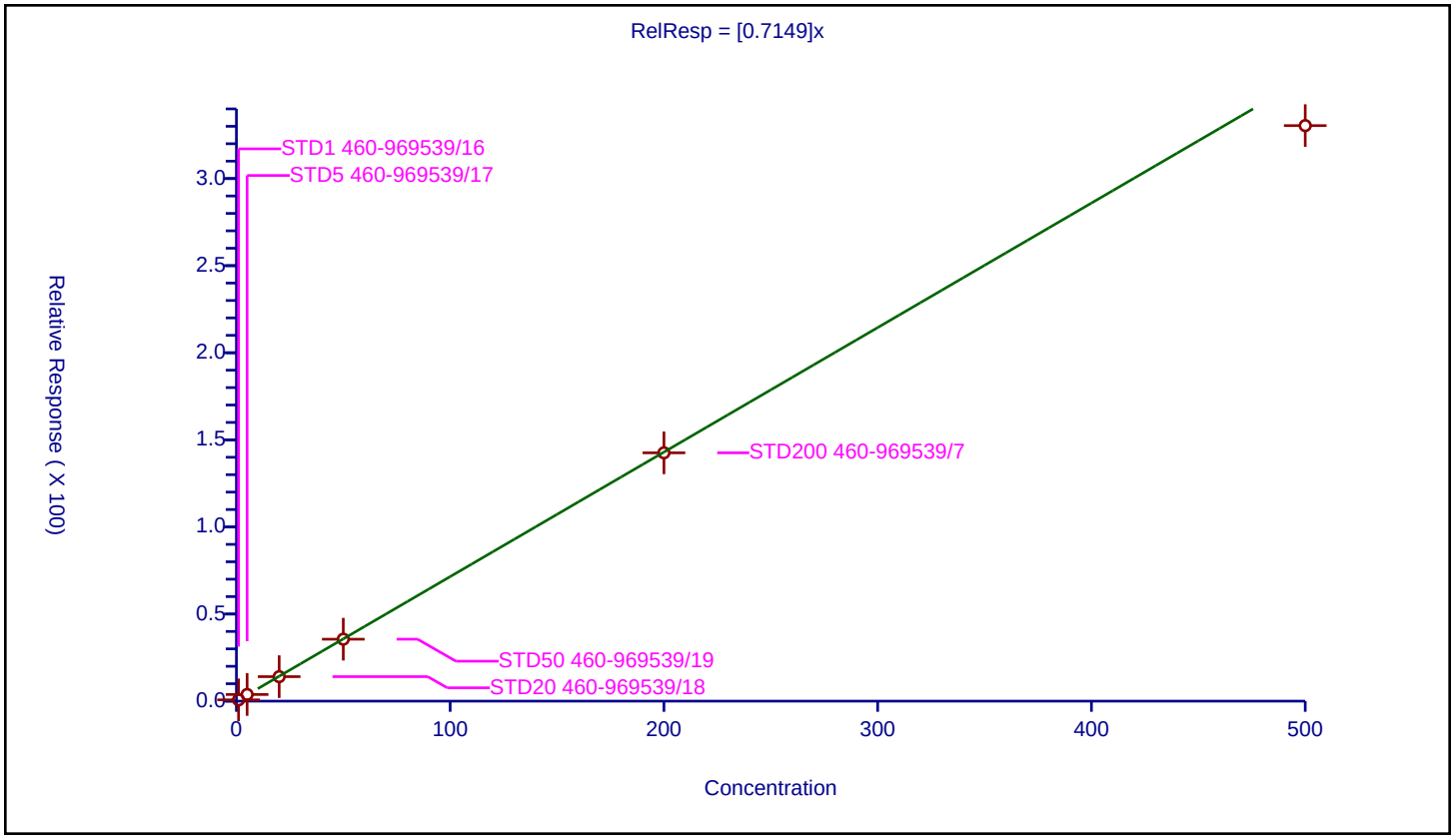
Curve Coefficients

Intercept:	0
Slope:	0.7149

Error Coefficients

Relative Standard Deviation:	4.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	1.0	0.737958	50.0	606877.0	0.737958	Y
2	STD5 460-969539/17	5.0	3.818765	50.0	623212.0	0.763753	Y
3	STD20 460-969539/18	20.0	14.052735	50.0	616702.0	0.702637	Y
4	STD50 460-969539/19	50.0	35.564095	50.0	643801.0	0.711282	Y
5	STD200 460-969539/7	200.0	142.554305	50.0	662376.0	0.712772	Y
6	STD500 460-969539/8	500.0	330.393	50.0	723994.0	0.660786	Y



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Calibration / Tert-butyl ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

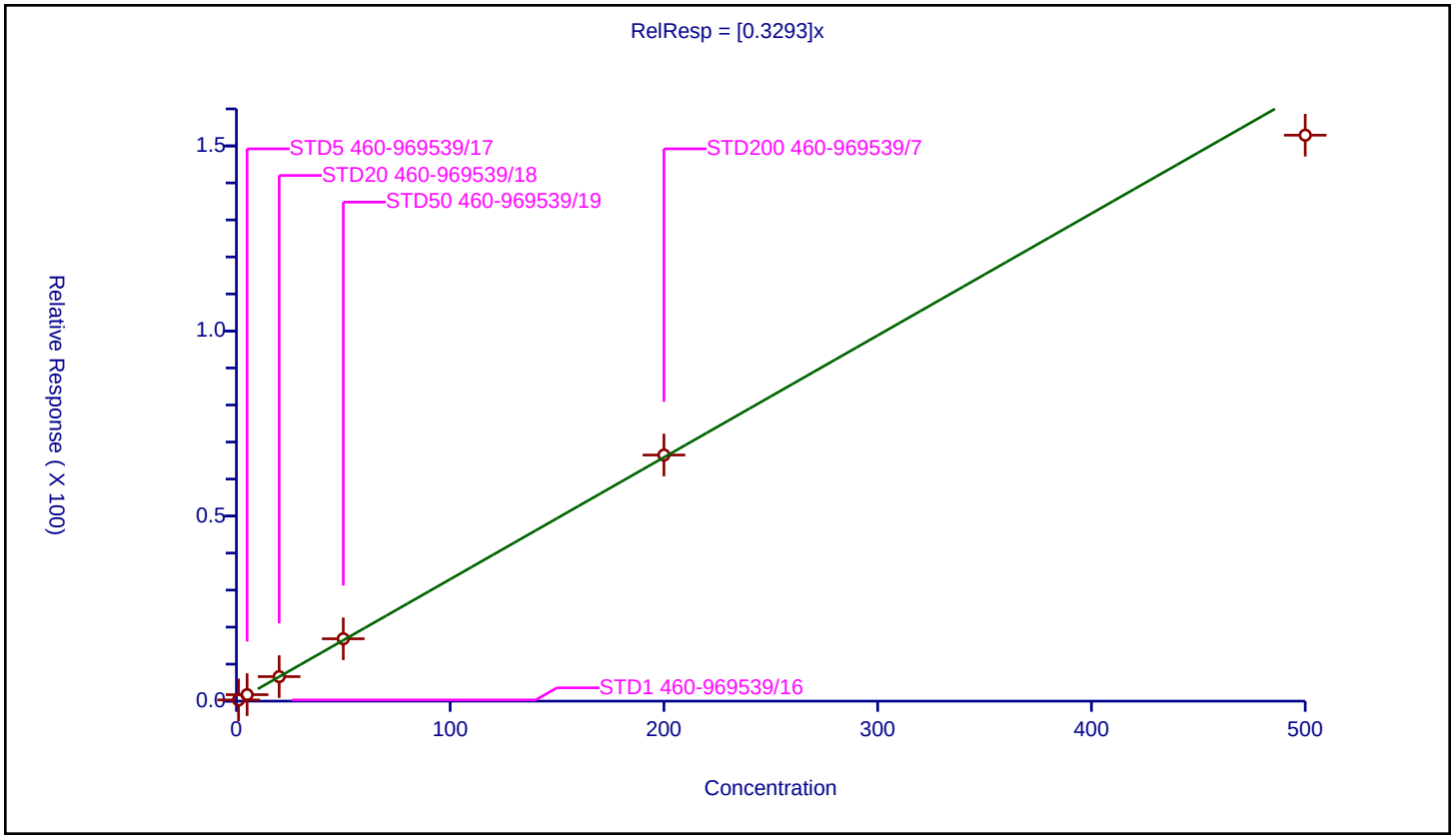
Curve Coefficients

Intercept:	0
Slope:	0.3293

Error Coefficients

Relative Standard Deviation:	4.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	1.0	0.321482	50.0	606877.0	0.321482	Y
2	STD5 460-969539/17	5.0	1.741382	50.0	623212.0	0.348276	Y
3	STD20 460-969539/18	20.0	6.621837	50.0	616702.0	0.331092	Y
4	STD50 460-969539/19	50.0	16.844801	50.0	643801.0	0.336896	Y
5	STD200 460-969539/7	200.0	66.488369	50.0	662376.0	0.332442	Y
6	STD500 460-969539/8	500.0	152.899126	50.0	723994.0	0.305798	Y



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Calibration / cis-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

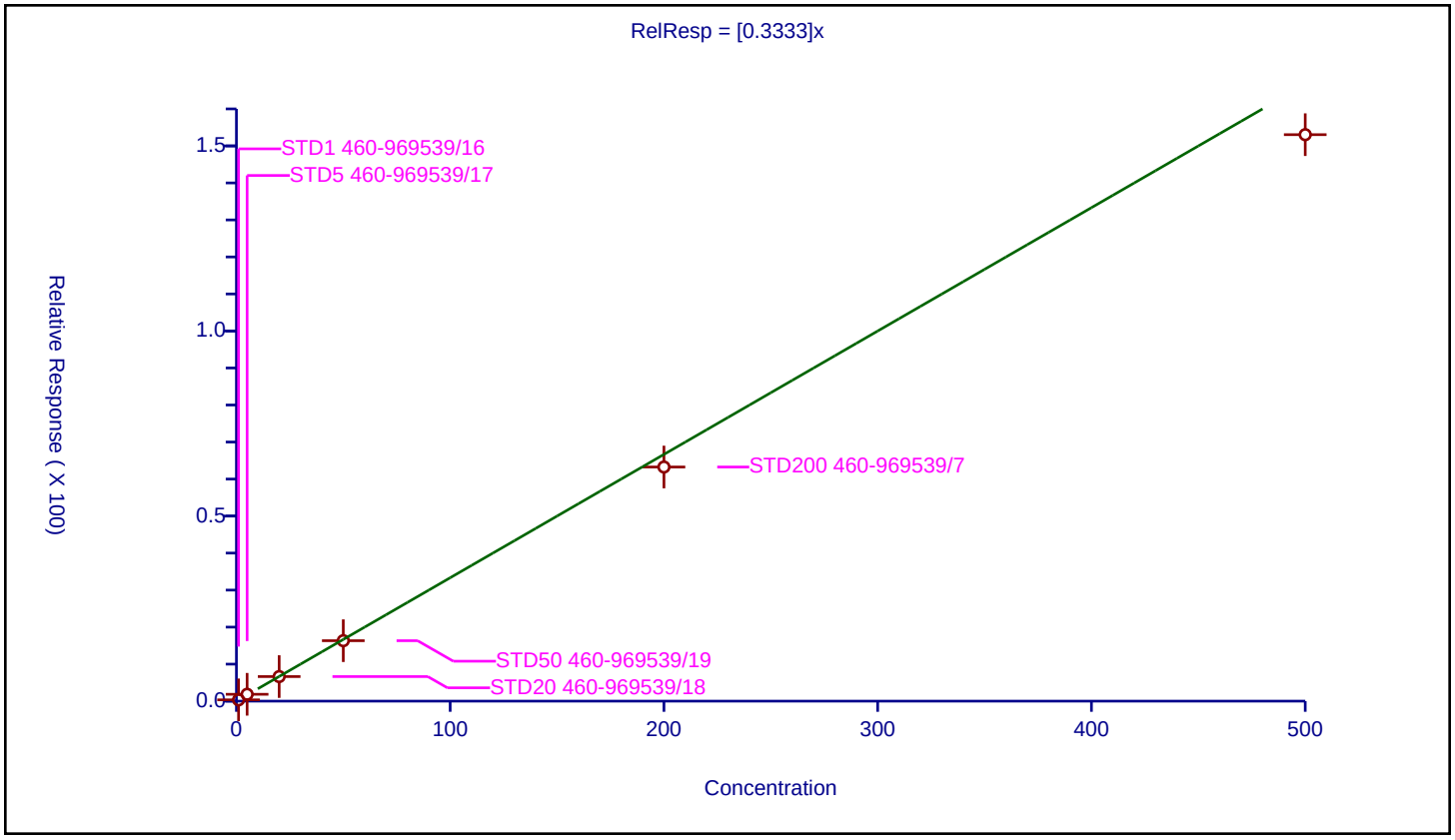
Curve Coefficients

Intercept:	0
Slope:	0.3333

Error Coefficients

Relative Standard Deviation:	6.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	1.0	0.34867	50.0	606877.0	0.34867	Y
2	STD5 460-969539/17	5.0	1.851376	50.0	623212.0	0.370275	Y
3	STD20 460-969539/18	20.0	6.638863	50.0	616702.0	0.331943	Y
4	STD50 460-969539/19	50.0	16.326474	50.0	643801.0	0.326529	Y
5	STD200 460-969539/7	200.0	63.252971	50.0	662376.0	0.316265	Y
6	STD500 460-969539/8	500.0	153.03794	50.0	723994.0	0.306076	Y



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Calibration / 2,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

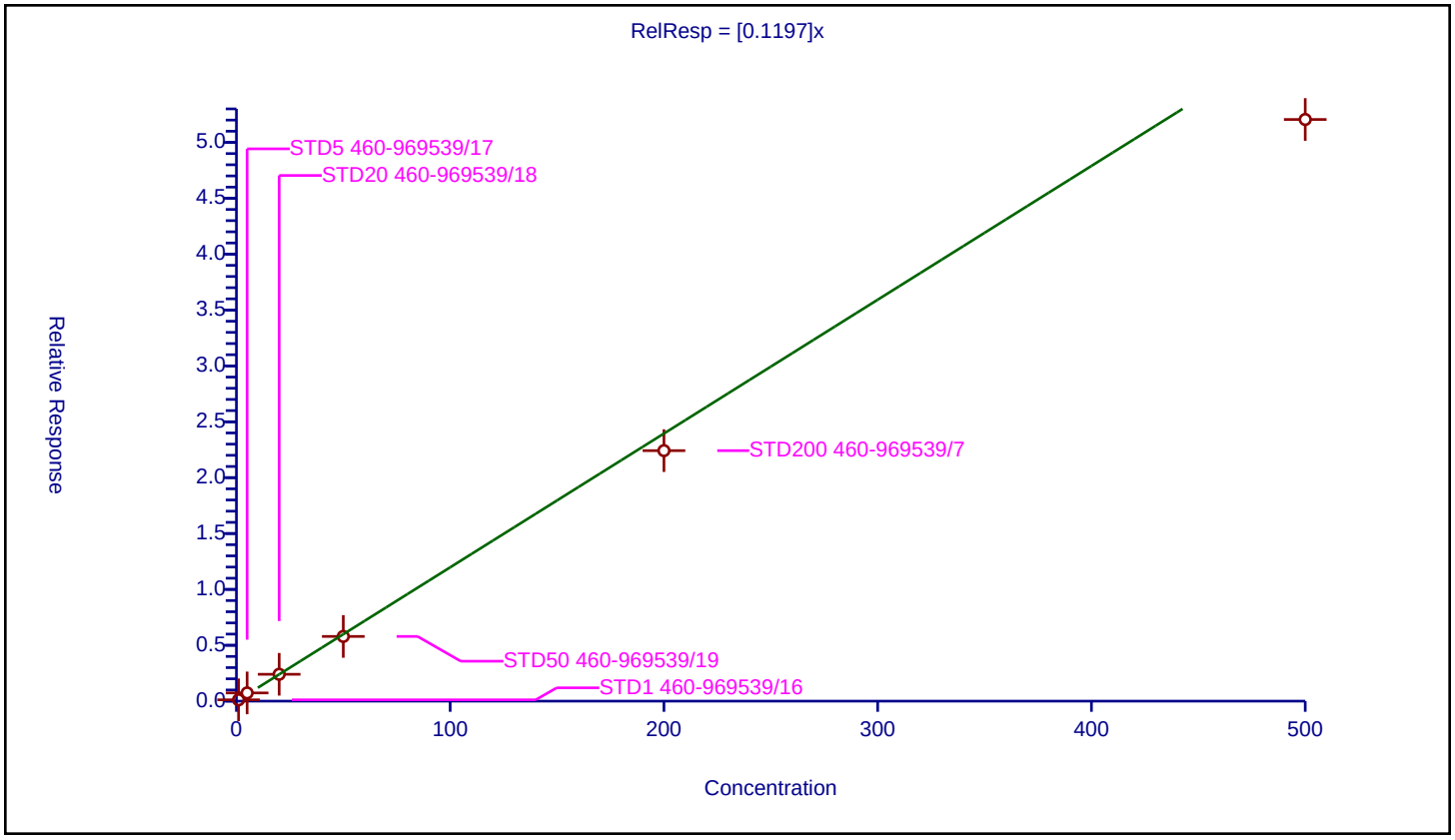
Curve Coefficients

Intercept:	0
Slope:	0.1197

Error Coefficients

Relative Standard Deviation:	12.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	1.0	0.11897	50.0	606877.0	0.11897	Y
2	STD5 460-969539/17	5.0	0.736266	50.0	623212.0	0.147253	Y
3	STD20 460-969539/18	20.0	2.403835	50.0	616702.0	0.120192	Y
4	STD50 460-969539/19	50.0	5.791619	50.0	643801.0	0.115832	Y
5	STD200 460-969539/7	200.0	22.418536	50.0	662376.0	0.112093	Y
6	STD500 460-969539/8	500.0	52.051813	50.0	723994.0	0.104104	Y



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Calibration / 2-Butanone (MEK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

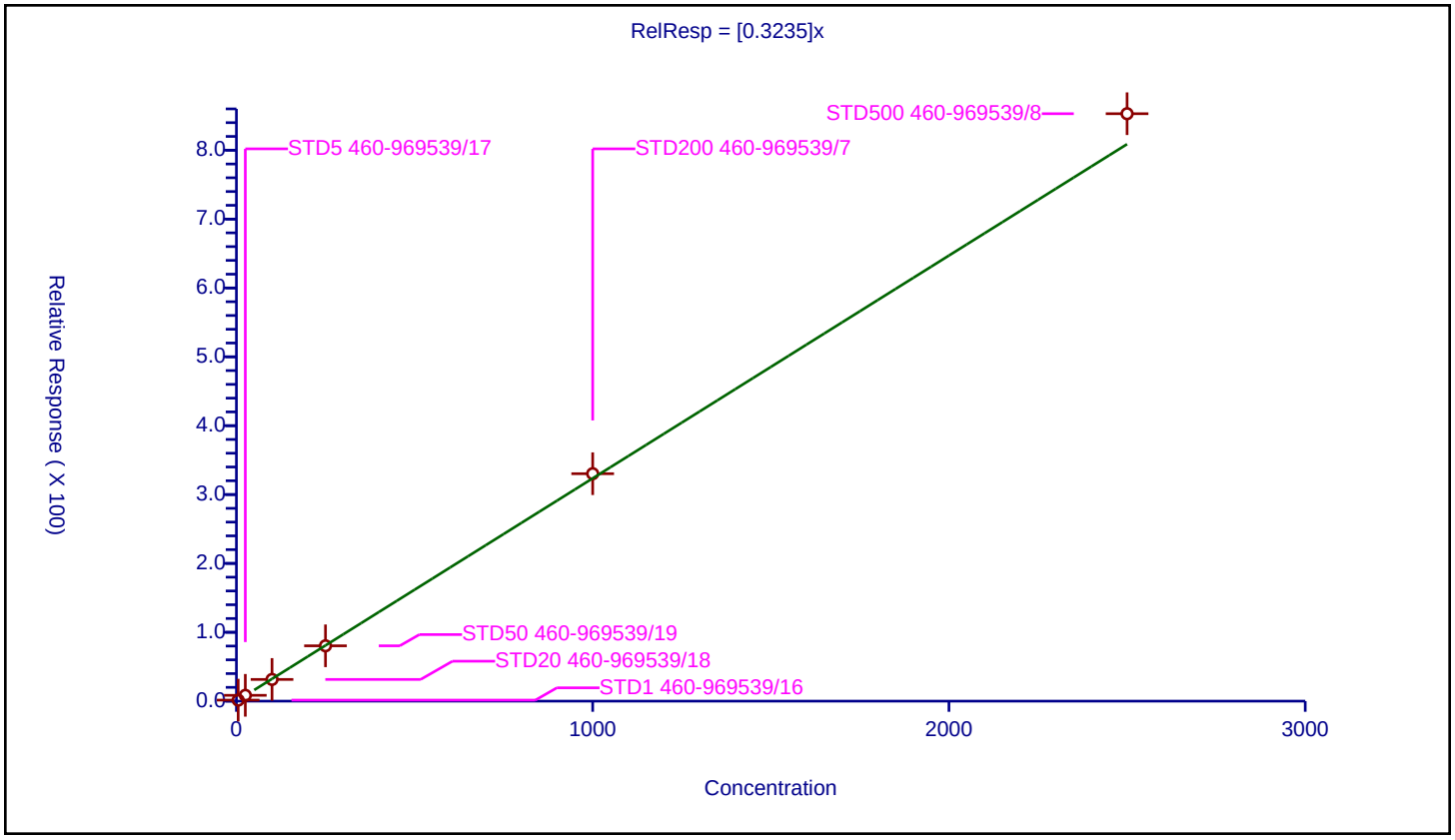
Curve Coefficients

Intercept:	0
Slope:	0.3235

Error Coefficients

Relative Standard Deviation:	5.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	5.0	1.47604	250.0	288102.0	0.295208	Y
2	STD5 460-969539/17	25.0	8.446606	250.0	317376.0	0.337864	Y
3	STD20 460-969539/18	100.0	31.5141	250.0	341371.0	0.315141	Y
4	STD50 460-969539/19	250.0	80.361481	250.0	353988.0	0.321446	Y
5	STD200 460-969539/7	1000.0	330.269179	250.0	358609.0	0.330269	Y
6	STD500 460-969539/8	2500.0	852.989985	250.0	324500.0	0.341196	Y



Calibration / Propionitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

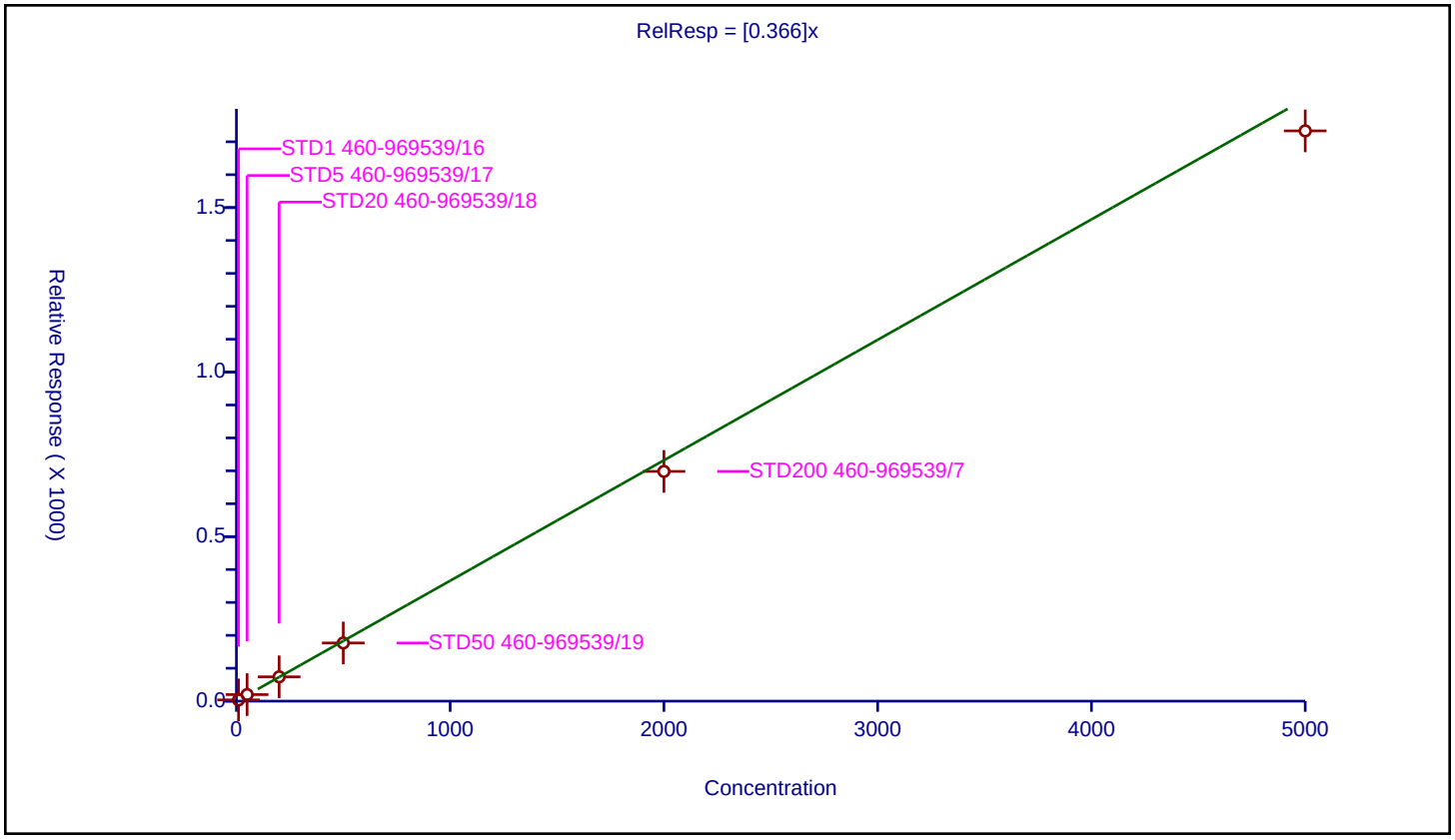
Curve Coefficients

Intercept:	0
Slope:	0.366

Error Coefficients

Relative Standard Deviation:	5.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	10.0	3.783382	250.0	288102.0	0.378338	Y
2	STD5 460-969539/17	50.0	19.945585	250.0	317376.0	0.398912	Y
3	STD20 460-969539/18	200.0	73.910057	250.0	341371.0	0.36955	Y
4	STD50 460-969539/19	500.0	176.801897	250.0	353988.0	0.353604	Y
5	STD200 460-969539/7	2000.0	698.245164	250.0	358609.0	0.349123	Y
6	STD500 460-969539/8	5000.0	1733.108629	250.0	324500.0	0.346622	Y



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Calibration / Ethyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

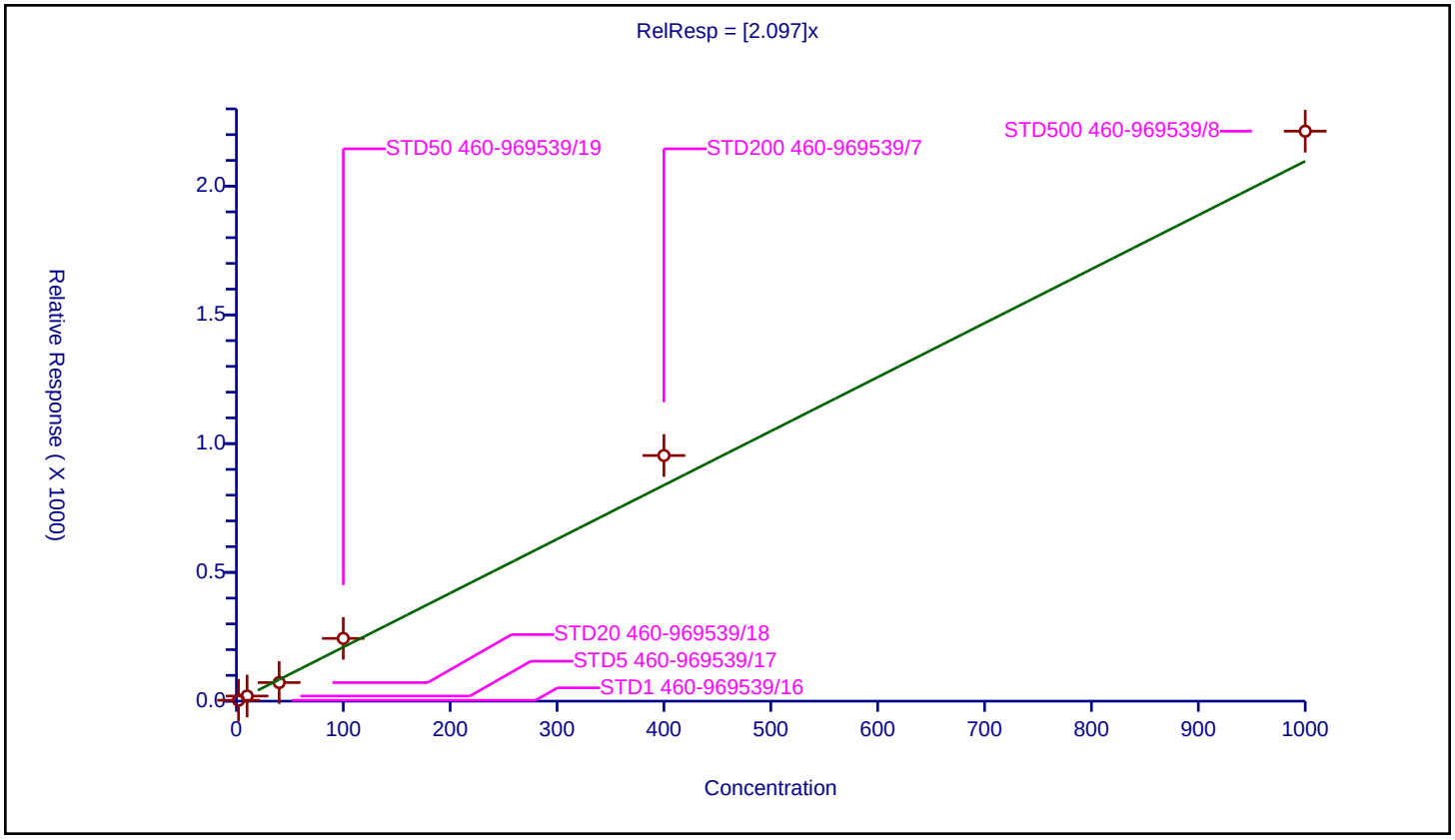
Curve Coefficients

Intercept:	0
Slope:	2.097

Error Coefficients

Relative Standard Deviation:	14.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	2.0	3.500496	250.0	288102.0	1.750248	Y
2	STD5 460-969539/17	10.0	19.933769	250.0	317376.0	1.993377	Y
3	STD20 460-969539/18	40.0	72.109962	250.0	341371.0	1.802749	Y
4	STD50 460-969539/19	100.0	243.677046	250.0	353988.0	2.43677	Y
5	STD200 460-969539/7	400.0	953.955422	250.0	358609.0	2.384889	Y
6	STD500 460-969539/8	1000.0	2213.338983	250.0	324500.0	2.213339	Y



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Calibration / Methyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

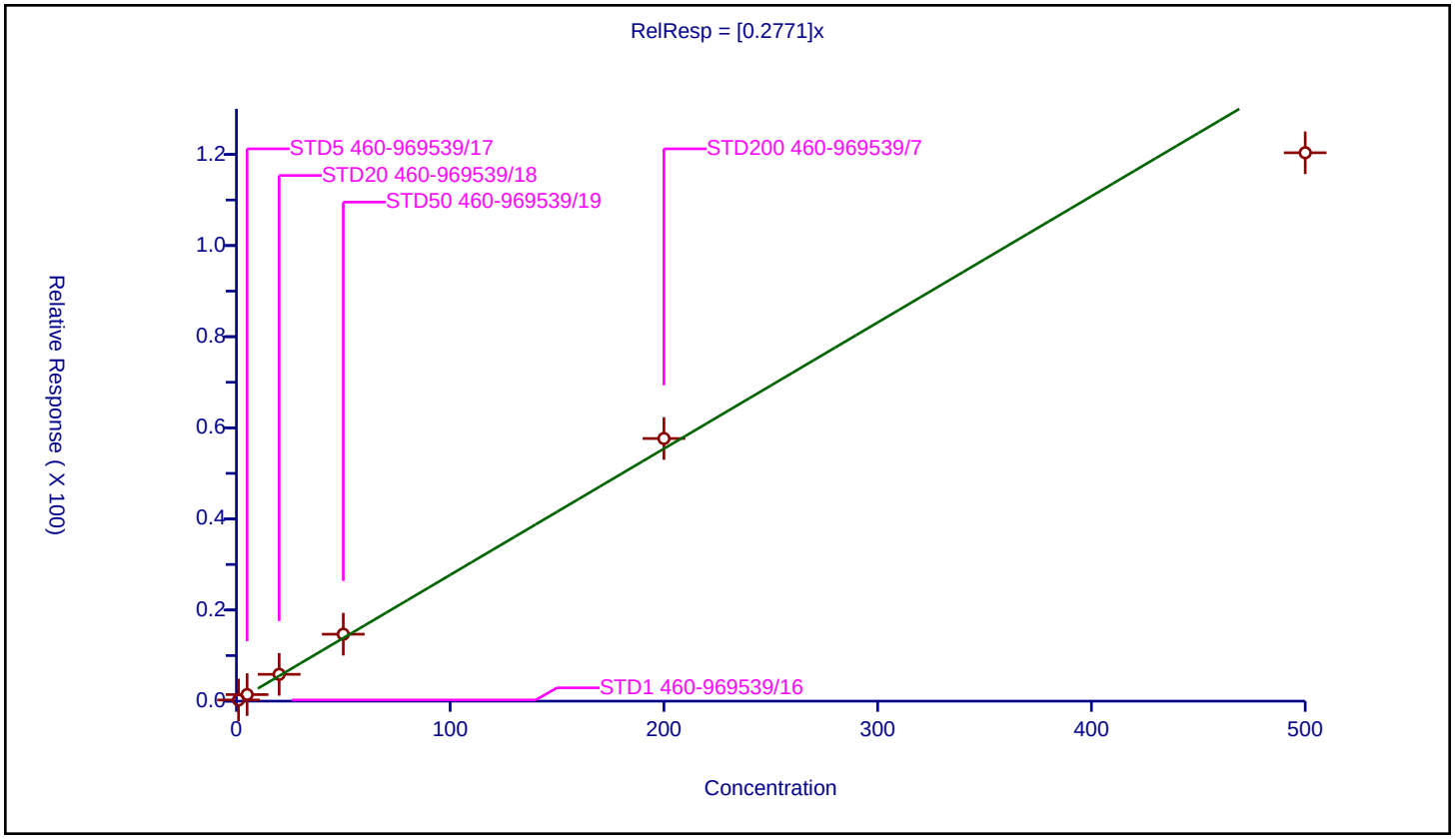
Curve Coefficients

Intercept:	0
Slope:	0.2771

Error Coefficients

Relative Standard Deviation:	8.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	1.0	0.256724	50.0	606877.0	0.256724	Y
2	STD5 460-969539/17	5.0	1.44349	50.0	623212.0	0.288698	Y
3	STD20 460-969539/18	20.0	5.88396	50.0	616702.0	0.294198	Y
4	STD50 460-969539/19	50.0	14.69305	50.0	643801.0	0.293861	Y
5	STD200 460-969539/7	200.0	57.64528	50.0	662376.0	0.288226	Y
6	STD500 460-969539/8	500.0	120.36847	50.0	723994.0	0.240737	Y



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Calibration / Chlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

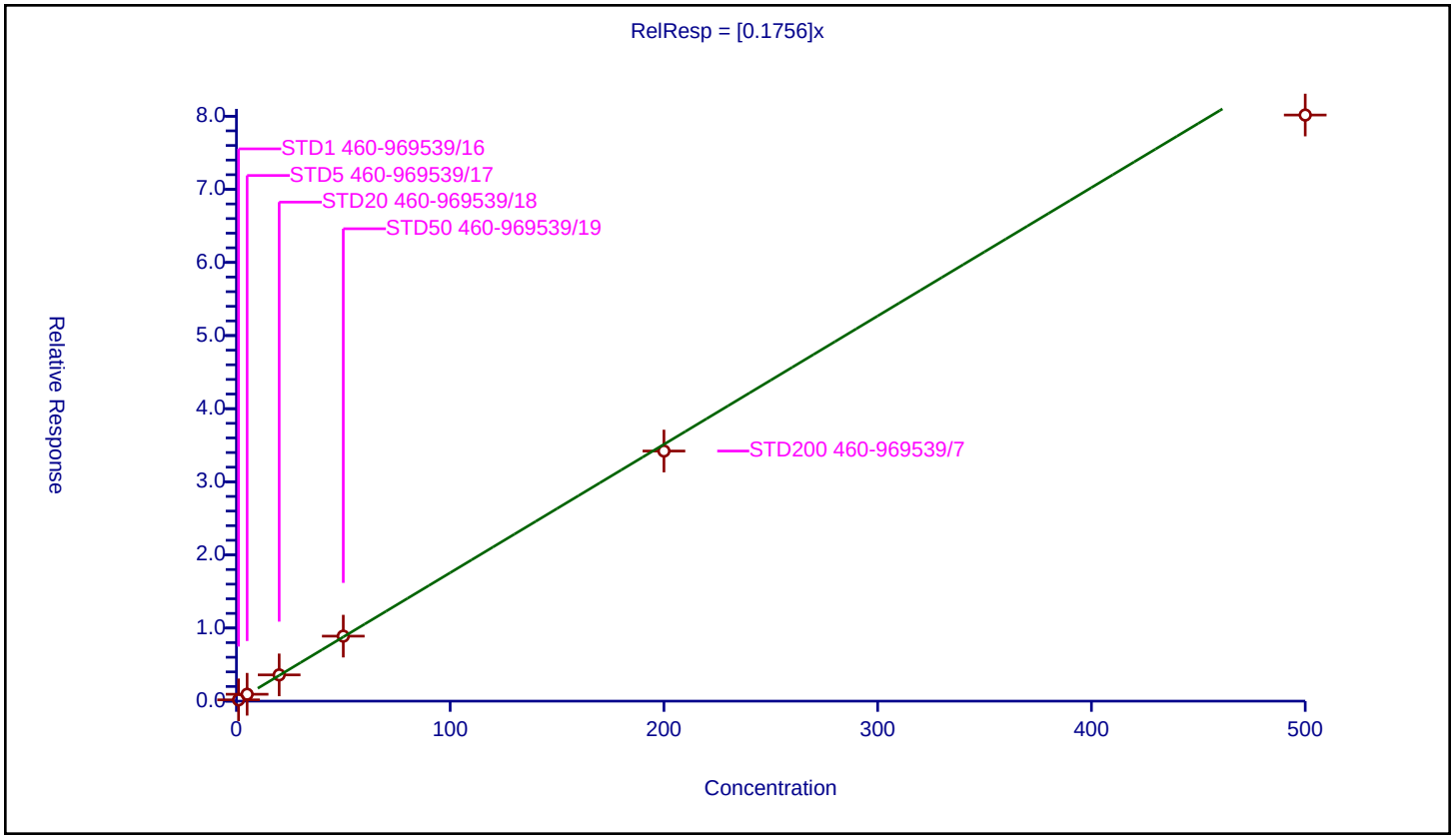
Curve Coefficients

Intercept:	0
Slope:	0.1756

Error Coefficients

Relative Standard Deviation:	5.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	1.0	0.17656	50.0	606877.0	0.17656	Y
2	STD5 460-969539/17	5.0	0.942135	50.0	623212.0	0.188427	Y
3	STD20 460-969539/18	20.0	3.589092	50.0	616702.0	0.179455	Y
4	STD50 460-969539/19	50.0	8.888616	50.0	643801.0	0.177772	Y
5	STD200 460-969539/7	200.0	34.206025	50.0	662376.0	0.17103	Y
6	STD500 460-969539/8	500.0	80.161438	50.0	723994.0	0.160323	Y



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Calibration / Methacrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

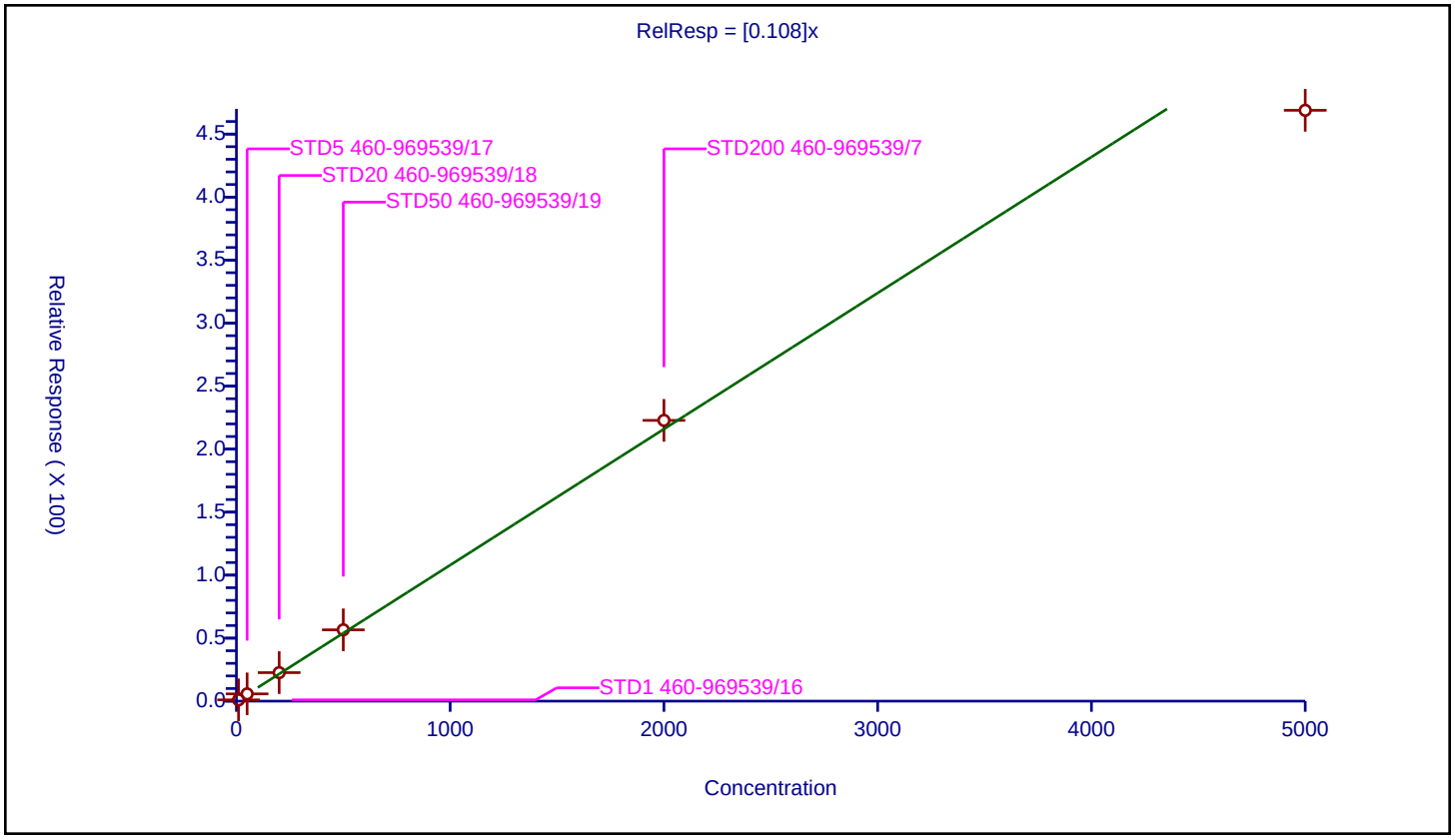
Curve Coefficients

Intercept:	0
Slope:	0.108

Error Coefficients

Relative Standard Deviation:	7.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	10.0	1.012314	50.0	606877.0	0.101231	Y
2	STD5 460-969539/17	50.0	5.752858	50.0	623212.0	0.115057	Y
3	STD20 460-969539/18	200.0	22.618542	50.0	616702.0	0.113093	Y
4	STD50 460-969539/19	500.0	56.596526	50.0	643801.0	0.113193	Y
5	STD200 460-969539/7	2000.0	222.811213	50.0	662376.0	0.111406	Y
6	STD500 460-969539/8	5000.0	468.87343	50.0	723994.0	0.093775	Y



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Calibration / Tetrahydrofuran

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

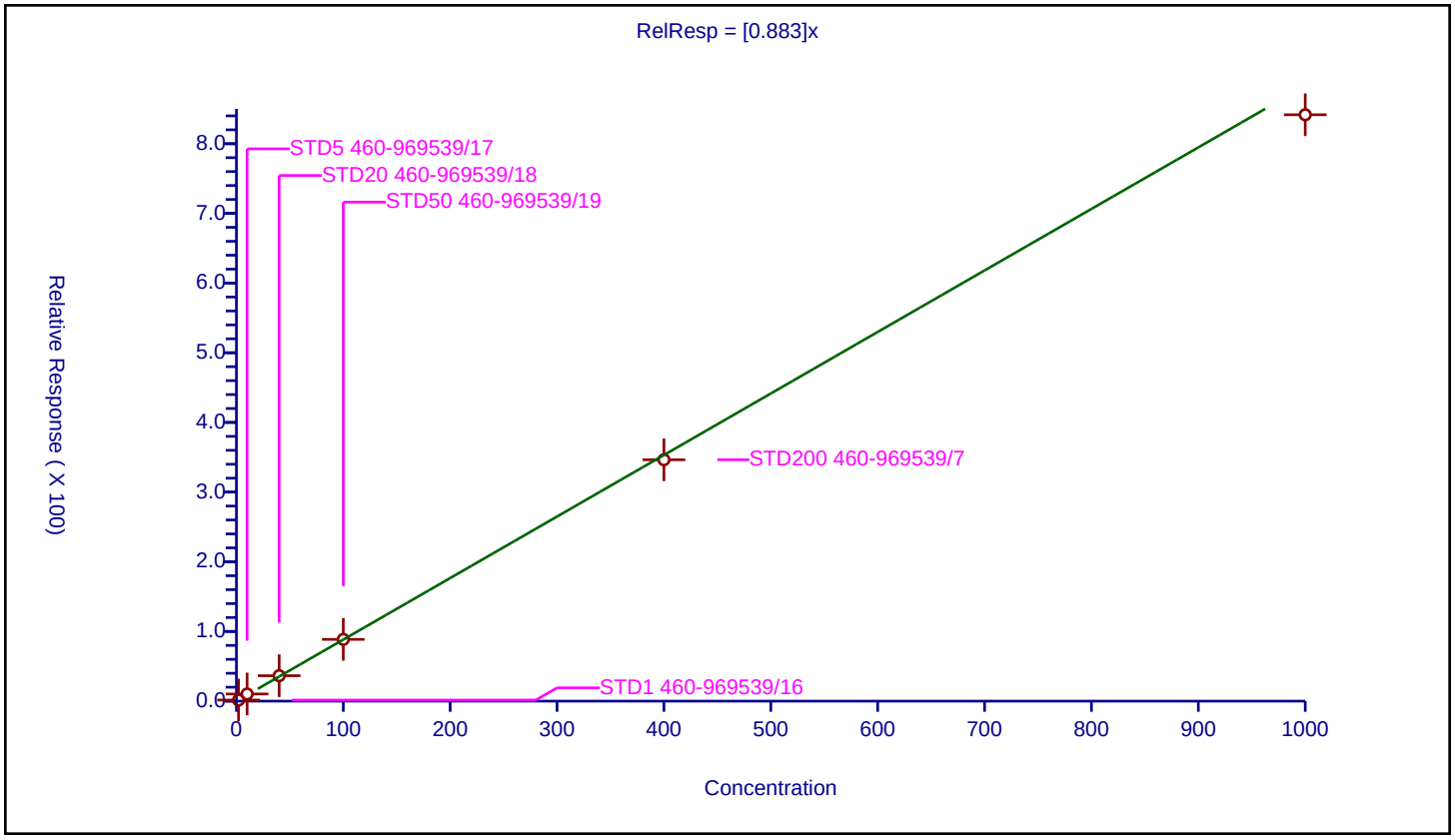
Curve Coefficients

Intercept:	0
Slope:	0.883

Error Coefficients

Relative Standard Deviation:	9.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	2.0	1.52984	250.0	288102.0	0.76492	Y
2	STD5 460-969539/17	10.0	10.276454	250.0	317376.0	1.027645	Y
3	STD20 460-969539/18	40.0	36.479373	250.0	341371.0	0.911984	Y
4	STD50 460-969539/19	100.0	88.606817	250.0	353988.0	0.886068	Y
5	STD200 460-969539/7	400.0	346.430932	250.0	358609.0	0.866077	Y
6	STD500 460-969539/8	1000.0	841.598613	250.0	324500.0	0.841599	Y



Calibration / Chloroform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

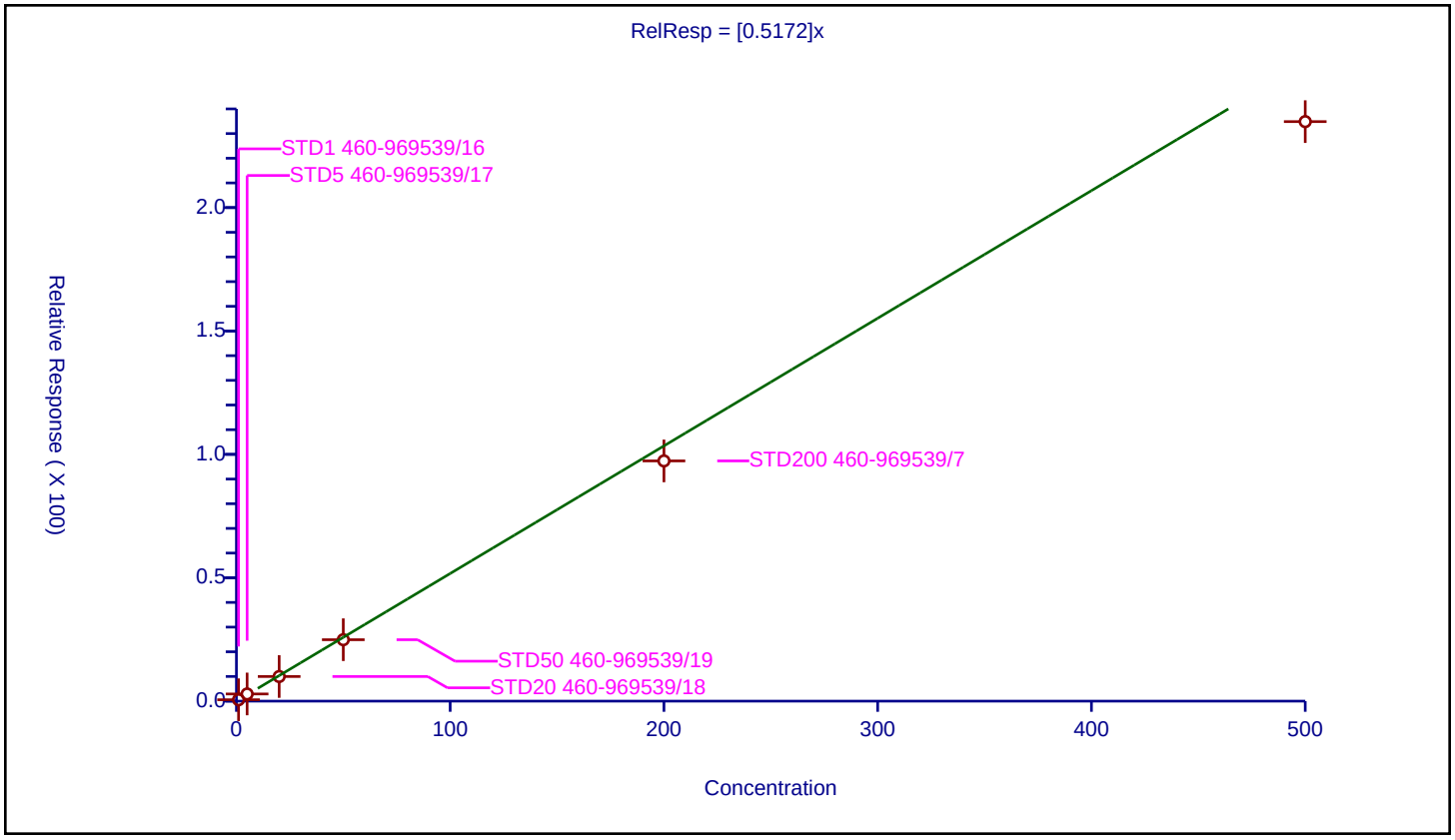
Curve Coefficients

Intercept:	0
Slope:	0.5172

Error Coefficients

Relative Standard Deviation:	8.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	1.0	0.568072	50.0	606877.0	0.568072	Y
2	STD5 460-969539/17	5.0	2.910165	50.0	623212.0	0.582033	Y
3	STD20 460-969539/18	20.0	9.977347	50.0	616702.0	0.498867	Y
4	STD50 460-969539/19	50.0	24.889368	50.0	643801.0	0.497787	Y
5	STD200 460-969539/7	200.0	97.348334	50.0	662376.0	0.486742	Y
6	STD500 460-969539/8	500.0	234.844764	50.0	723994.0	0.46969	Y



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Calibration / Dibromofluoromethane (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

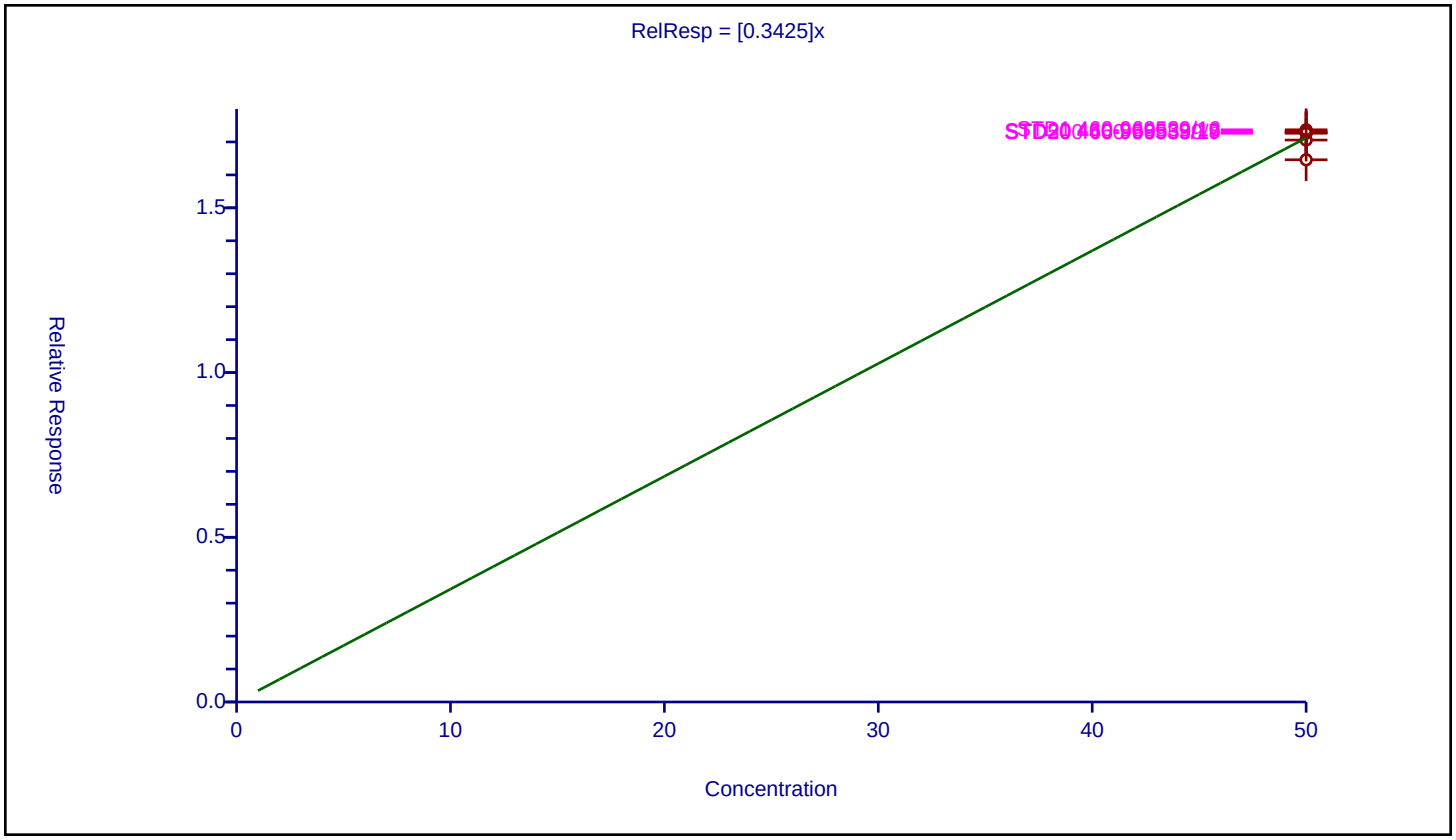
Curve Coefficients

Intercept:	0
Slope:	0.3425

Error Coefficients

Relative Standard Deviation:	2.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD200 460-969539/7	50.0	17.264967	50.0	662376.0	0.345299	Y
2	STD500 460-969539/8	50.0	16.459736	50.0	723994.0	0.329195	Y
3	STD1 460-969539/16	50.0	17.369665	50.0	606877.0	0.347393	Y
4	STD5 460-969539/17	50.0	17.057919	50.0	623212.0	0.341158	Y
5	STD20 460-969539/18	50.0	17.306089	50.0	616702.0	0.346122	Y
6	STD50 460-969539/19	50.0	17.279641	50.0	643801.0	0.345593	Y



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Calibration / 1,1,1-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

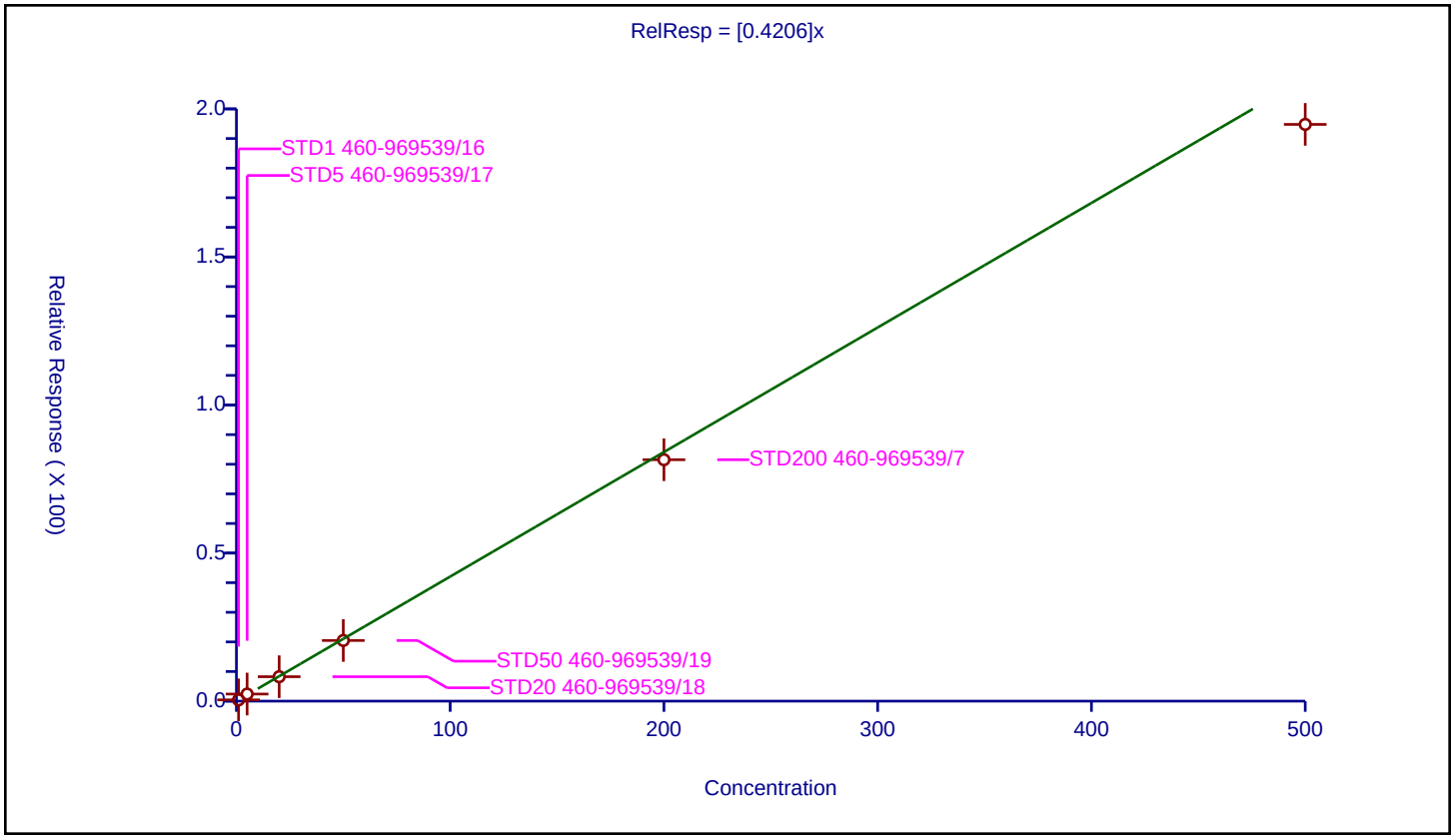
Curve Coefficients

Intercept:	0
Slope:	0.4206

Error Coefficients

Relative Standard Deviation:	7.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	1.0	0.42521	50.0	606877.0	0.42521	Y
2	STD5 460-969539/17	5.0	2.39445	50.0	623212.0	0.47889	Y
3	STD20 460-969539/18	20.0	8.251879	50.0	616702.0	0.412594	Y
4	STD50 460-969539/19	50.0	20.482571	50.0	643801.0	0.409651	Y
5	STD200 460-969539/7	200.0	81.524995	50.0	662376.0	0.407625	Y
6	STD500 460-969539/8	500.0	194.768603	50.0	723994.0	0.389537	Y



Calibration / Cyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

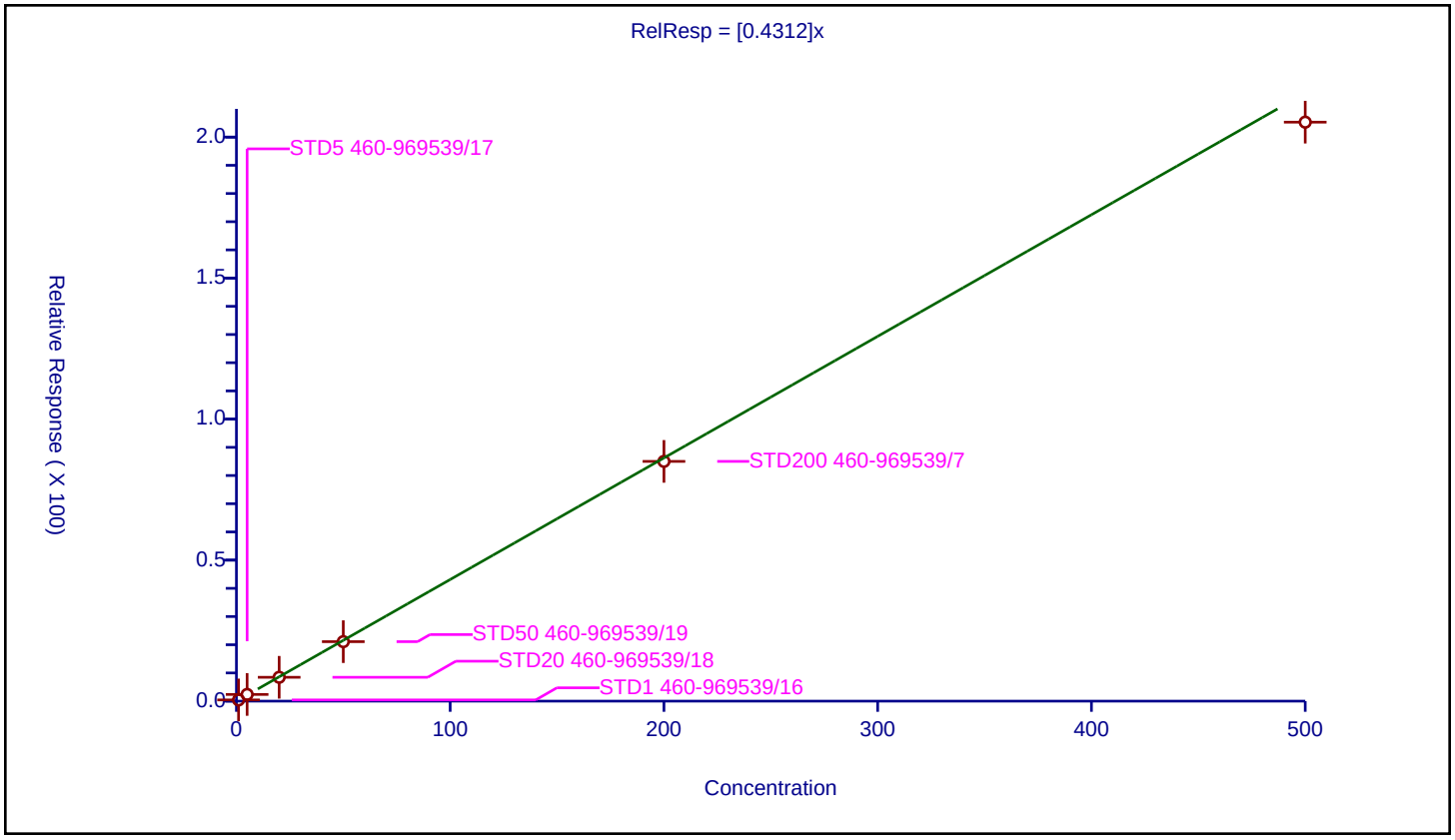
Curve Coefficients

Intercept:	0
Slope:	0.4312

Error Coefficients

Relative Standard Deviation:	5.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	1.0	0.43073	50.0	606877.0	0.43073	Y
2	STD5 460-969539/17	5.0	2.378725	50.0	623212.0	0.475745	Y
3	STD20 460-969539/18	20.0	8.460731	50.0	616702.0	0.423037	Y
4	STD50 460-969539/19	50.0	21.095494	50.0	643801.0	0.42191	Y
5	STD200 460-969539/7	200.0	85.010025	50.0	662376.0	0.42505	Y
6	STD500 460-969539/8	500.0	205.293759	50.0	723994.0	0.410588	Y



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Calibration / 1,1-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

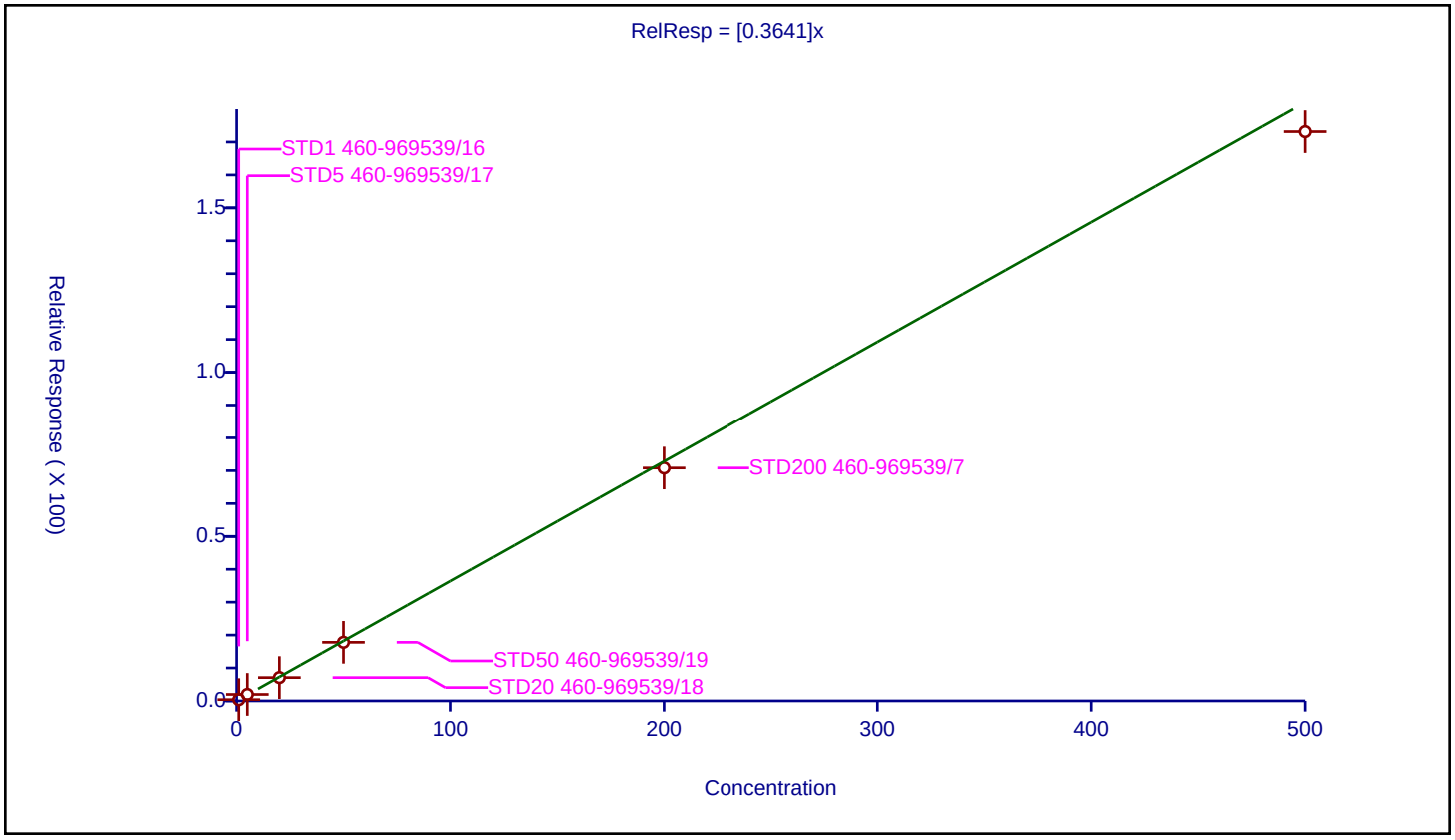
Curve Coefficients

Intercept:	0
Slope:	0.3641

Error Coefficients

Relative Standard Deviation:	5.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	1.0	0.381132	50.0	606877.0	0.381132	Y
2	STD5 460-969539/17	5.0	1.965944	50.0	623212.0	0.393189	Y
3	STD20 460-969539/18	20.0	7.079108	50.0	616702.0	0.353955	Y
4	STD50 460-969539/19	50.0	17.797891	50.0	643801.0	0.355958	Y
5	STD200 460-969539/7	200.0	70.816575	50.0	662376.0	0.354083	Y
6	STD500 460-969539/8	500.0	173.166145	50.0	723994.0	0.346332	Y



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Calibration / Carbon tetrachloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

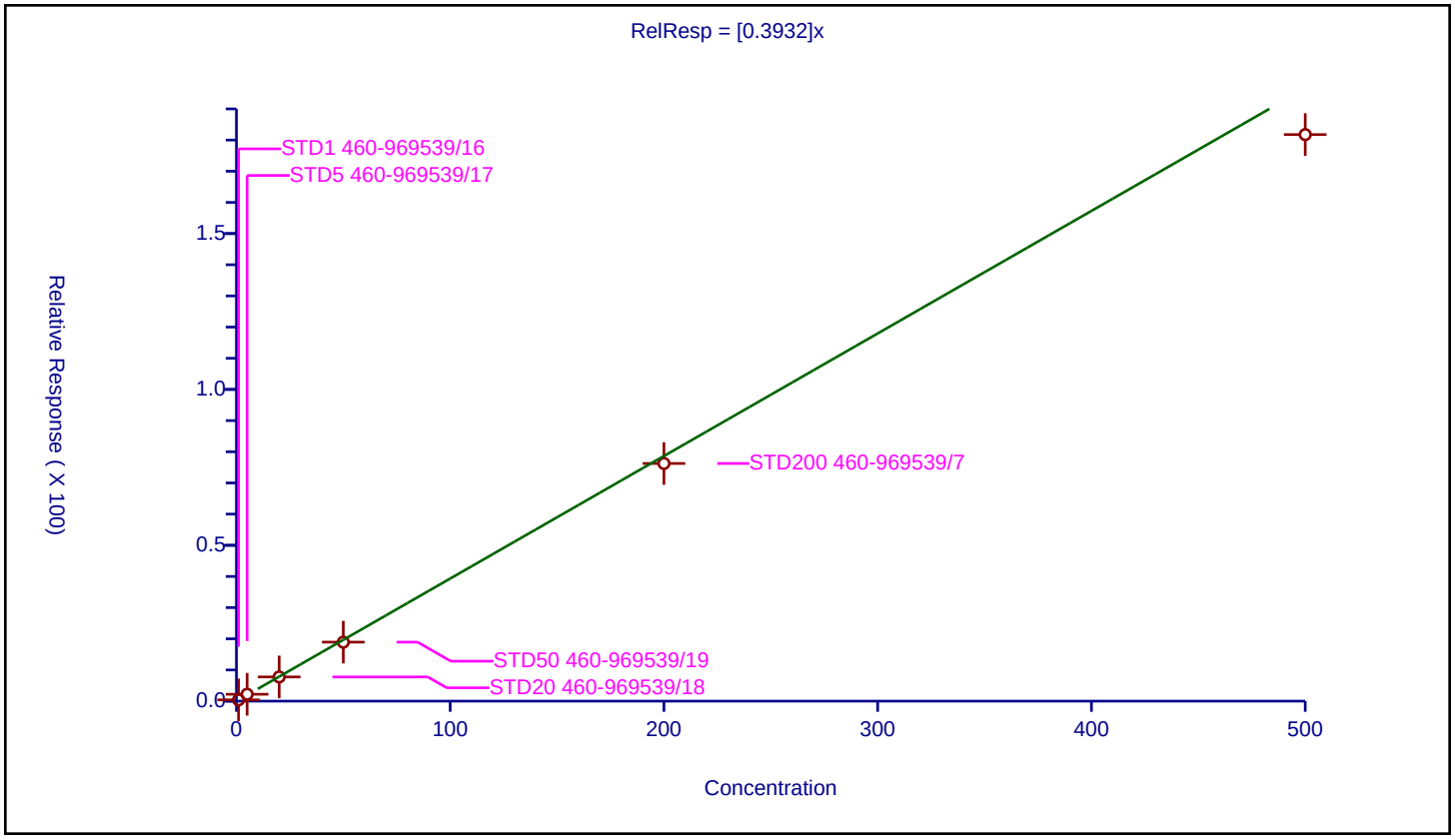
Curve Coefficients

Intercept:	0
Slope:	0.3932

Error Coefficients

Relative Standard Deviation:	7.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	1.0	0.405436	50.0	606877.0	0.405436	Y
2	STD5 460-969539/17	5.0	2.211607	50.0	623212.0	0.442321	Y
3	STD20 460-969539/18	20.0	7.761609	50.0	616702.0	0.38808	Y
4	STD50 460-969539/19	50.0	18.926035	50.0	643801.0	0.378521	Y
5	STD200 460-969539/7	200.0	76.24529	50.0	662376.0	0.381226	Y
6	STD500 460-969539/8	500.0	181.7542	50.0	723994.0	0.363508	Y



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Calibration / 1,2-Dichloroethane-d4 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

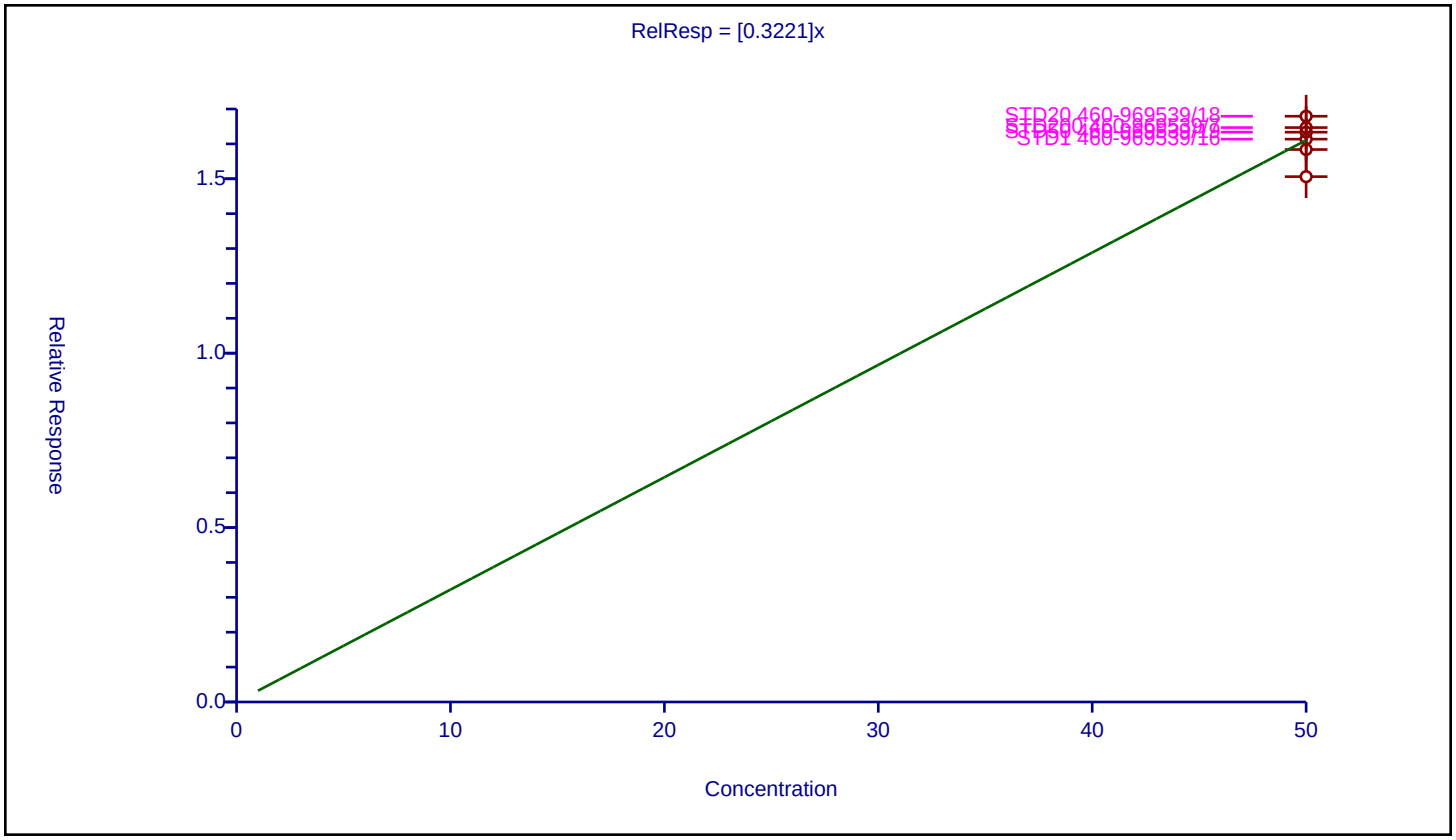
Curve Coefficients

Intercept:	0
Slope:	0.3221

Error Coefficients

Relative Standard Deviation:	3.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD200 460-969539/7	50.0	16.467837	50.0	662376.0	0.329357	Y
2	STD500 460-969539/8	50.0	15.060898	50.0	723994.0	0.301218	Y
3	STD1 460-969539/16	50.0	16.136466	50.0	606877.0	0.322729	Y
4	STD5 460-969539/17	50.0	15.838752	50.0	623212.0	0.316775	Y
5	STD20 460-969539/18	50.0	16.792876	50.0	616702.0	0.335858	Y
6	STD50 460-969539/19	50.0	16.33556	50.0	643801.0	0.326711	Y



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Calibration / Benzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

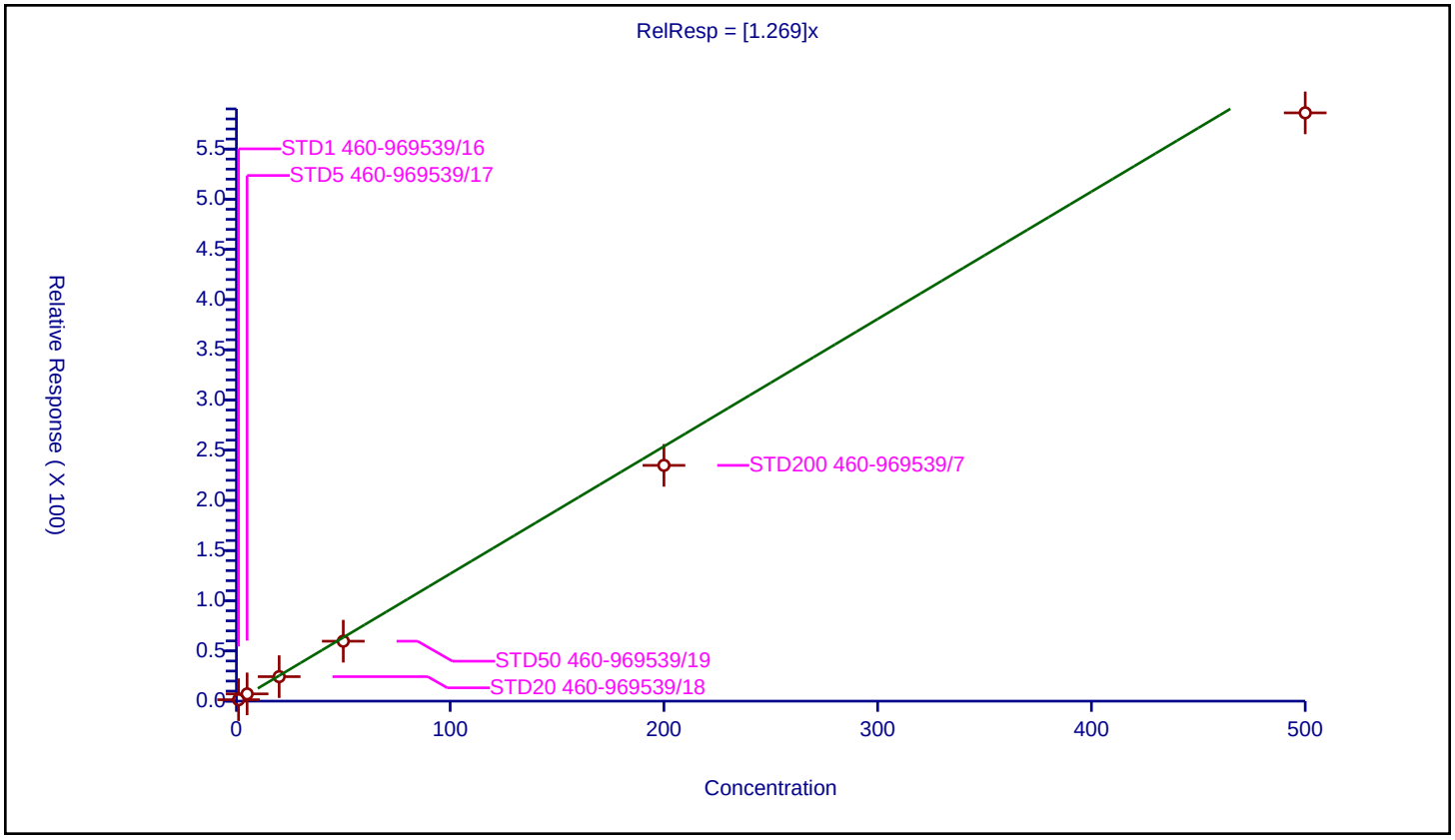
Curve Coefficients

Intercept:	0
Slope:	1.269

Error Coefficients

Relative Standard Deviation:	9.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	1.0	1.409395	50.0	513589.0	1.409395	Y
2	STD5 460-969539/17	5.0	7.217025	50.0	533343.0	1.443405	Y
3	STD20 460-969539/18	20.0	24.399932	50.0	526690.0	1.219997	Y
4	STD50 460-969539/19	50.0	59.706821	50.0	566071.0	1.194136	Y
5	STD200 460-969539/7	200.0	234.872642	50.0	587872.0	1.174363	Y
6	STD500 460-969539/8	500.0	586.055154	50.0	634955.0	1.17211	Y



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Calibration / Isobutyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

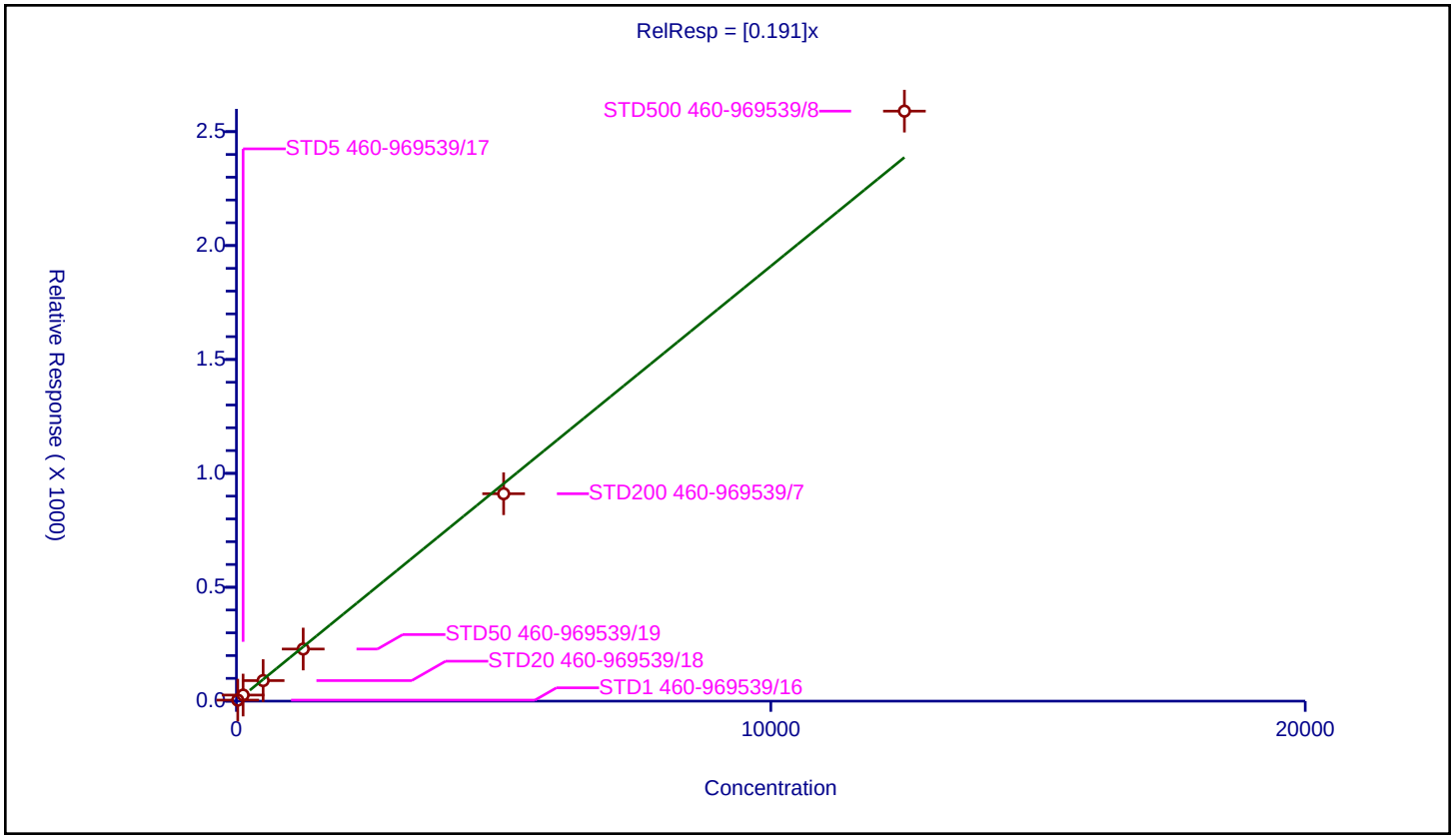
Curve Coefficients

Intercept:	0
Slope:	0.191

Error Coefficients

Relative Standard Deviation:	7.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	25.0	4.495327	1000.0	390183.0	0.179813	Y
2	STD5 460-969539/17	125.0	26.660796	1000.0	470166.0	0.213286	Y
3	STD20 460-969539/18	500.0	90.173749	1000.0	536176.0	0.180347	Y
4	STD50 460-969539/19	1250.0	228.815587	1000.0	522495.0	0.183052	Y
5	STD200 460-969539/7	5000.0	910.589914	1000.0	479409.0	0.182118	Y
6	STD500 460-969539/8	12500.0	2590.163242	1000.0	402348.0	0.207213	Y



Calibration / 1,2-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

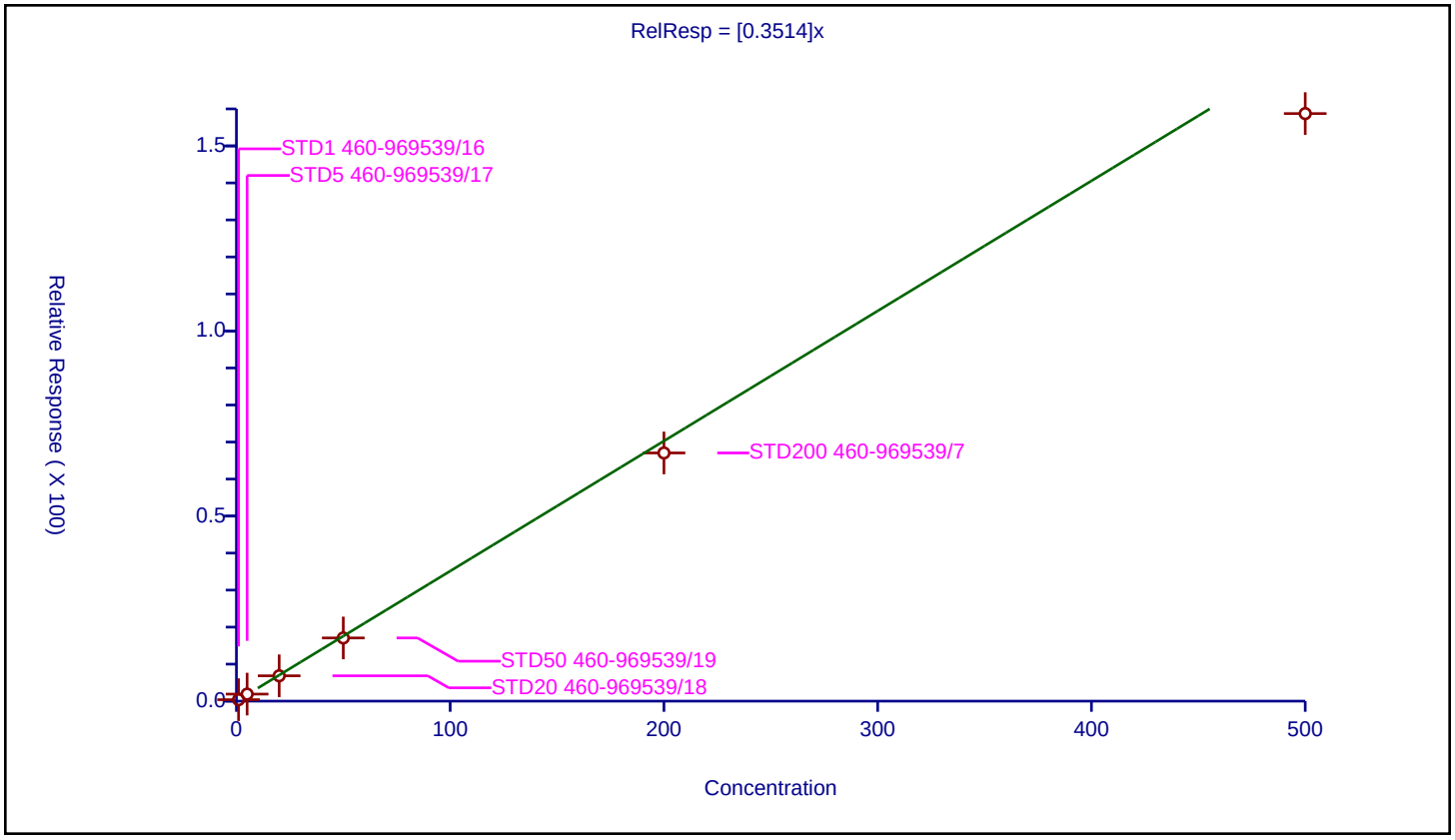
Curve Coefficients

Intercept:	0
Slope:	0.3514

Error Coefficients

Relative Standard Deviation:	8.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	1.0	0.391925	50.0	606877.0	0.391925	Y
2	STD5 460-969539/17	5.0	1.900958	50.0	623212.0	0.380192	Y
3	STD20 460-969539/18	20.0	6.842932	50.0	616702.0	0.342147	Y
4	STD50 460-969539/19	50.0	17.07158	50.0	643801.0	0.341432	Y
5	STD200 460-969539/7	200.0	67.049531	50.0	662376.0	0.335248	Y
6	STD500 460-969539/8	500.0	158.73405	50.0	723994.0	0.317468	Y



Calibration / Isopropyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

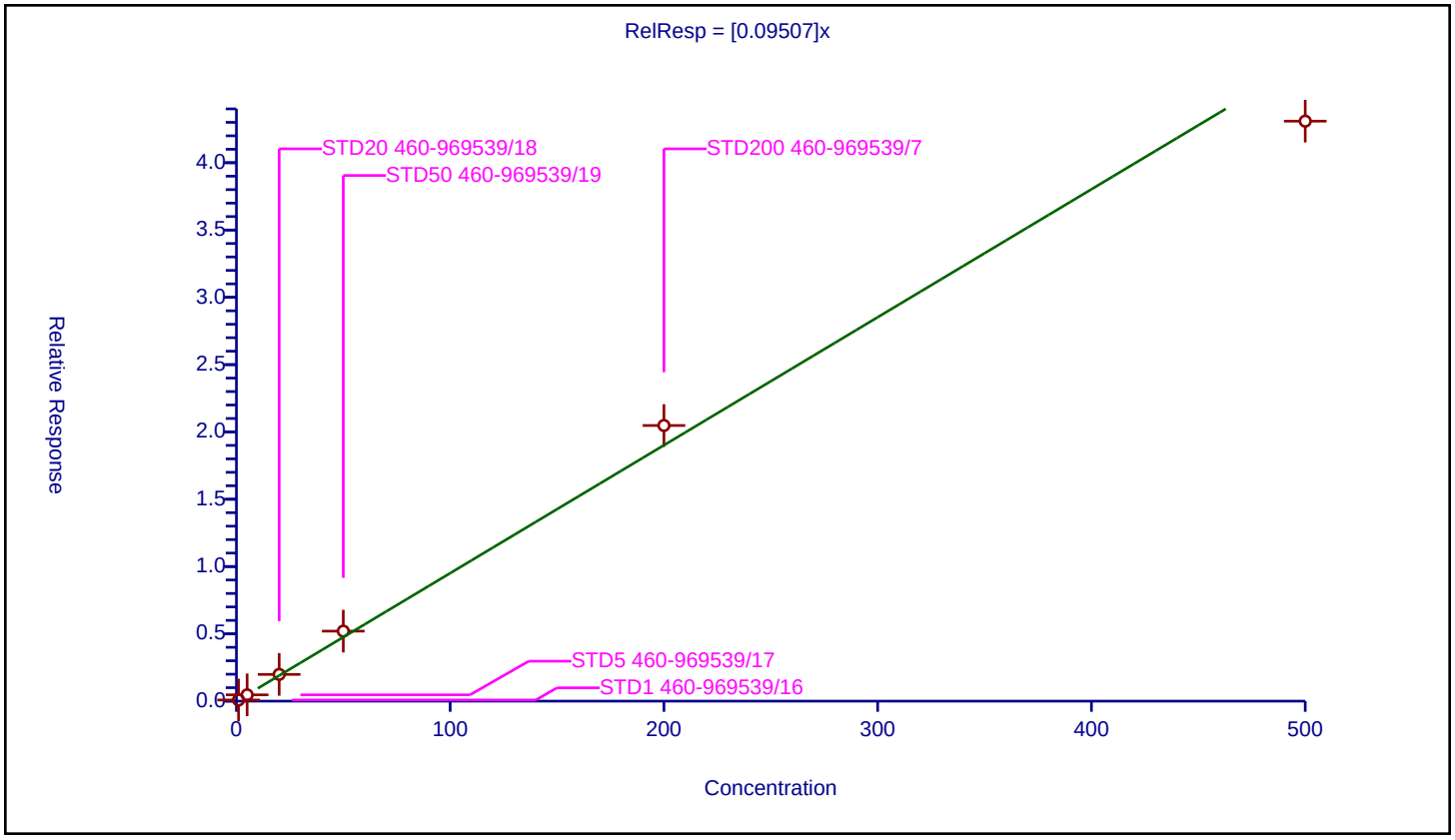
Curve Coefficients

Intercept:	0
Slope:	0.09507

Error Coefficients

Relative Standard Deviation:	8.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	1.0	0.084943	50.0	606877.0	0.084943	Y
2	STD5 460-969539/17	5.0	0.467899	50.0	623212.0	0.09358	Y
3	STD20 460-969539/18	20.0	1.986292	50.0	616702.0	0.099315	Y
4	STD50 460-969539/19	50.0	5.200753	50.0	643801.0	0.104015	Y
5	STD200 460-969539/7	200.0	20.479607	50.0	662376.0	0.102398	Y
6	STD500 460-969539/8	500.0	43.089031	50.0	723994.0	0.086178	Y



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Calibration / Tert-amyl methyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

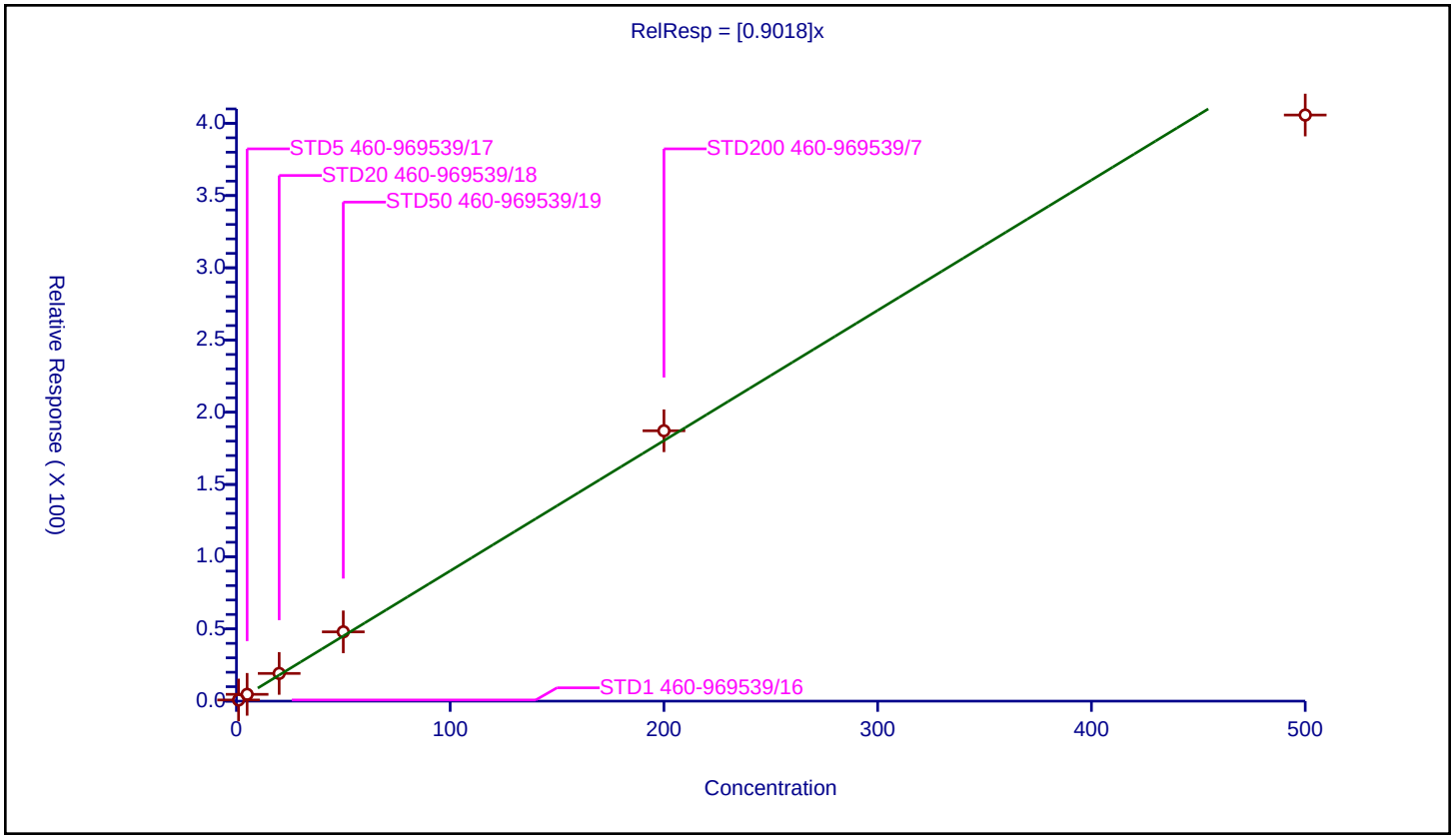
Curve Coefficients

Intercept:	0
Slope:	0.9018

Error Coefficients

Relative Standard Deviation:	8.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	1.0	0.804199	50.0	606877.0	0.804199	Y
2	STD5 460-969539/17	5.0	4.703135	50.0	623212.0	0.940627	Y
3	STD20 460-969539/18	20.0	19.185198	50.0	616702.0	0.95926	Y
4	STD50 460-969539/19	50.0	47.963579	50.0	643801.0	0.959272	Y
5	STD200 460-969539/7	200.0	187.170655	50.0	662376.0	0.935853	Y
6	STD500 460-969539/8	500.0	405.754675	50.0	723994.0	0.811509	Y



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Calibration / n-Heptane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

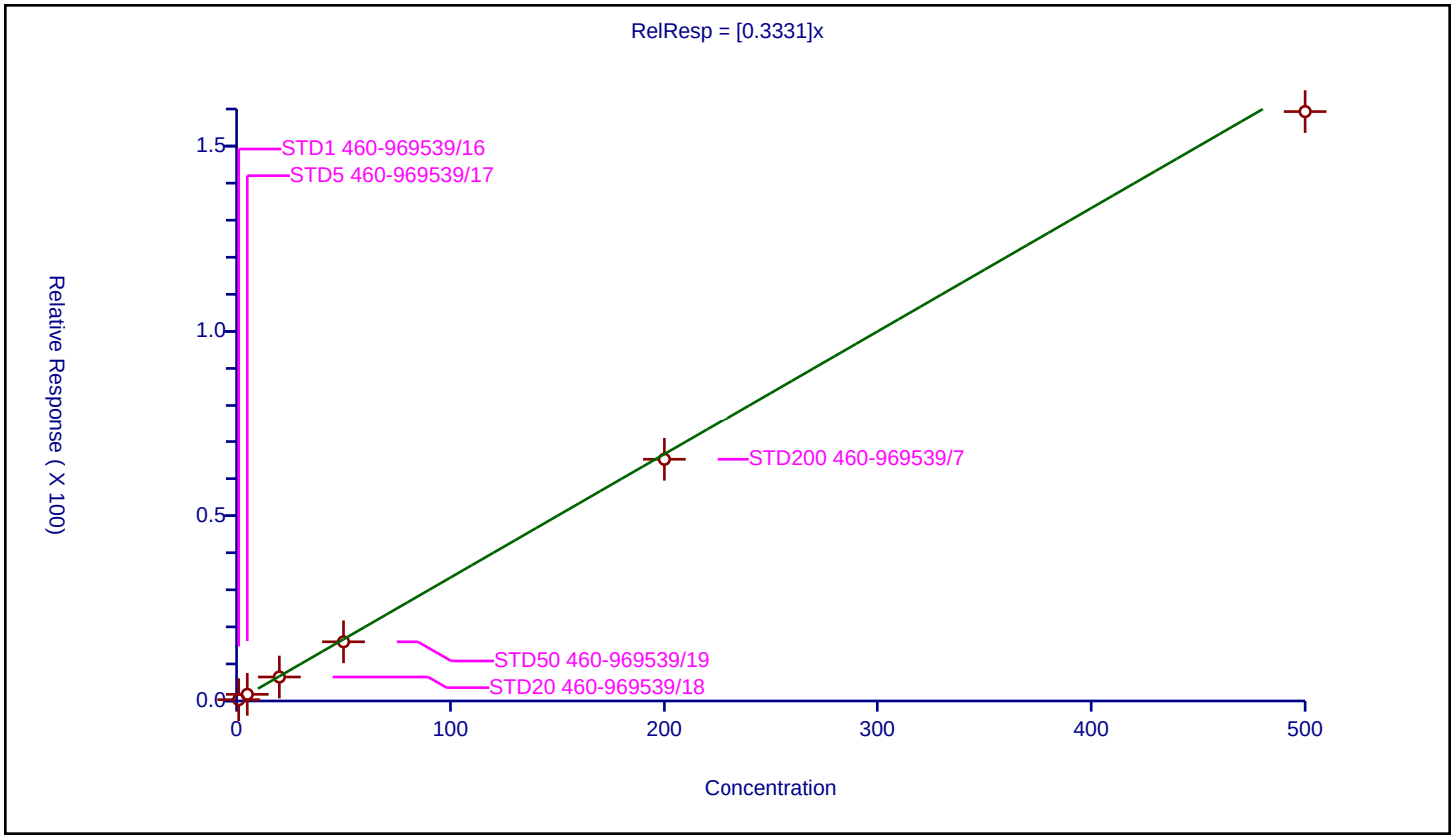
Curve Coefficients

Intercept:	0
Slope:	0.3331

Error Coefficients

Relative Standard Deviation:	5.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	1.0	0.352131	50.0	606877.0	0.352131	Y
2	STD5 460-969539/17	5.0	1.794173	50.0	623212.0	0.358835	Y
3	STD20 460-969539/18	20.0	6.474278	50.0	616702.0	0.323714	Y
4	STD50 460-969539/19	50.0	15.972094	50.0	643801.0	0.319442	Y
5	STD200 460-969539/7	200.0	65.222245	50.0	662376.0	0.326111	Y
6	STD500 460-969539/8	500.0	159.31016	50.0	723994.0	0.31862	Y



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Calibration / Trichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

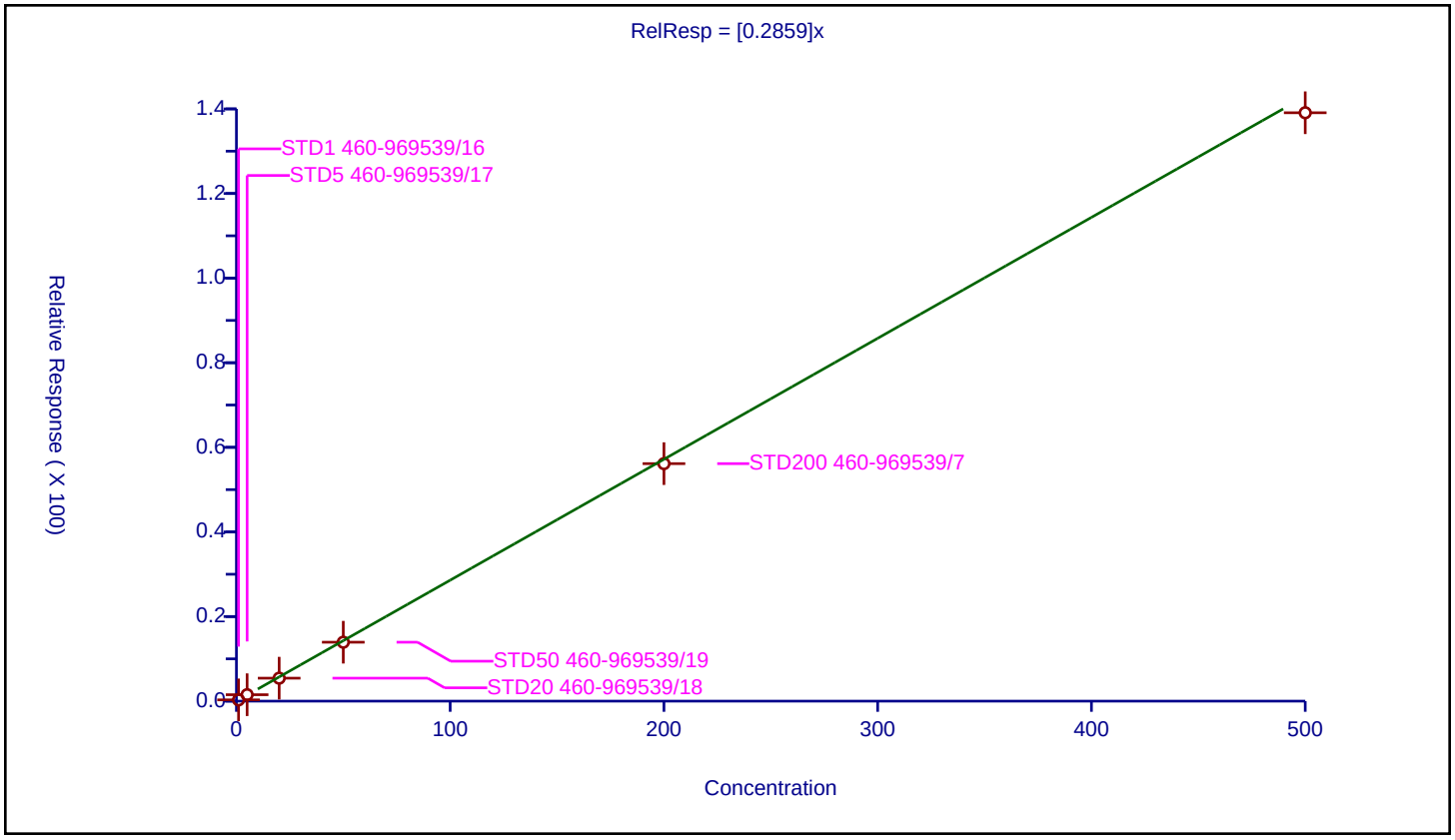
Curve Coefficients

Intercept:	0
Slope:	0.2859

Error Coefficients

Relative Standard Deviation:	4.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	1.0	0.301873	50.0	606877.0	0.301873	Y
2	STD5 460-969539/17	5.0	1.522917	50.0	623212.0	0.304583	Y
3	STD20 460-969539/18	20.0	5.428959	50.0	616702.0	0.271448	Y
4	STD50 460-969539/19	50.0	13.930469	50.0	643801.0	0.278609	Y
5	STD200 460-969539/7	200.0	56.140998	50.0	662376.0	0.280705	Y
6	STD500 460-969539/8	500.0	139.085061	50.0	723994.0	0.27817	Y



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Calibration / n-Butanol

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

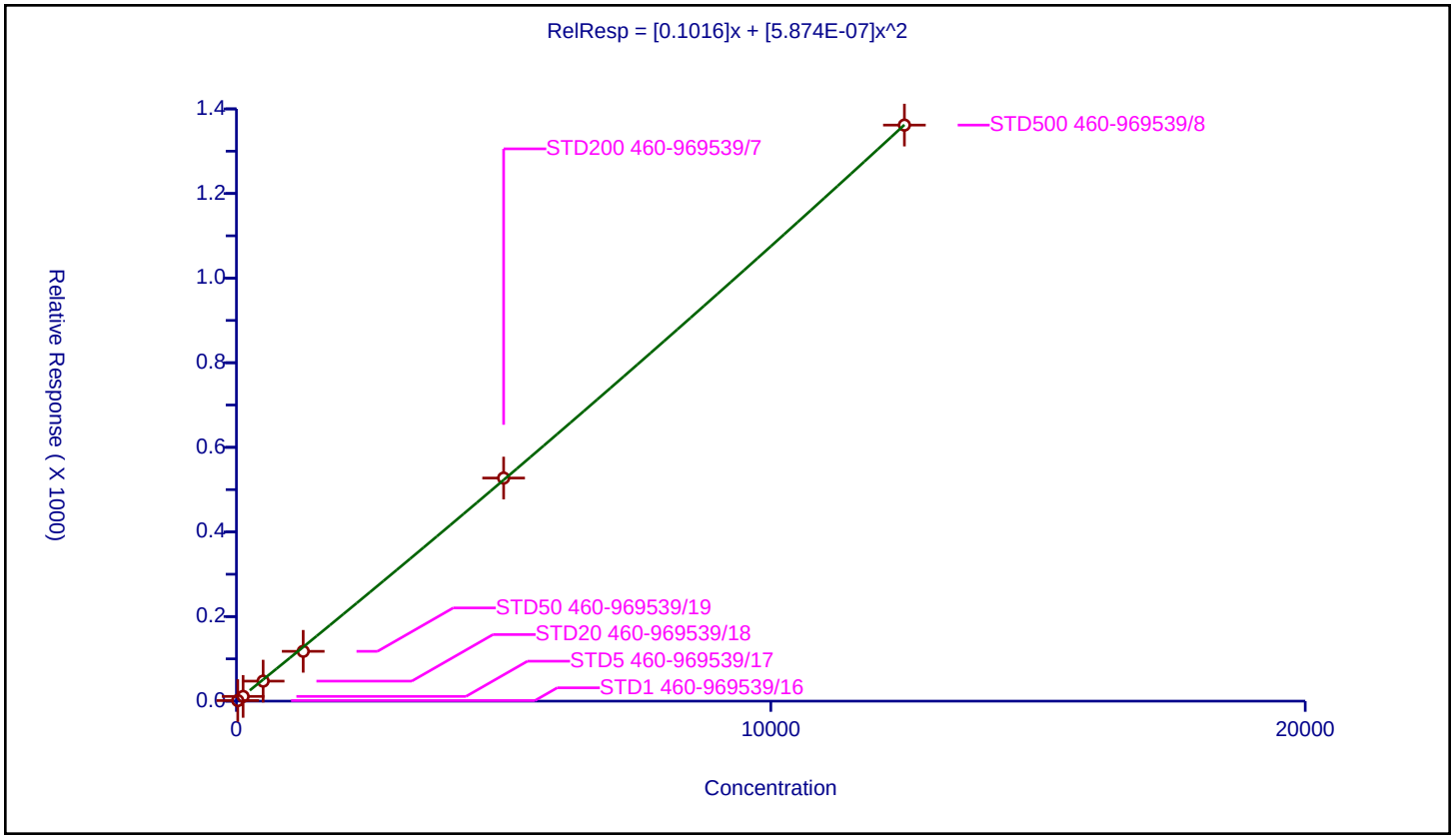
Curve Coefficients

Intercept:	0
Slope:	0.1016
Second Order:	5.874E-07

Error Coefficients

Relative Standard Deviation:	24.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	25.0	1.3609	1000.0	390183.0	0.054436	Y
2	STD5 460-969539/17	125.0	11.168396	1000.0	470166.0	0.089347	Y
3	STD20 460-969539/18	500.0	47.303497	1000.0	536176.0	0.094607	Y
4	STD50 460-969539/19	1250.0	117.792515	1000.0	522495.0	0.094234	Y
5	STD200 460-969539/7	5000.0	527.370158	1000.0	479409.0	0.105474	Y
6	STD500 460-969539/8	12500.0	1361.691869	1000.0	402348.0	0.108935	Y



Calibration / Ethyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

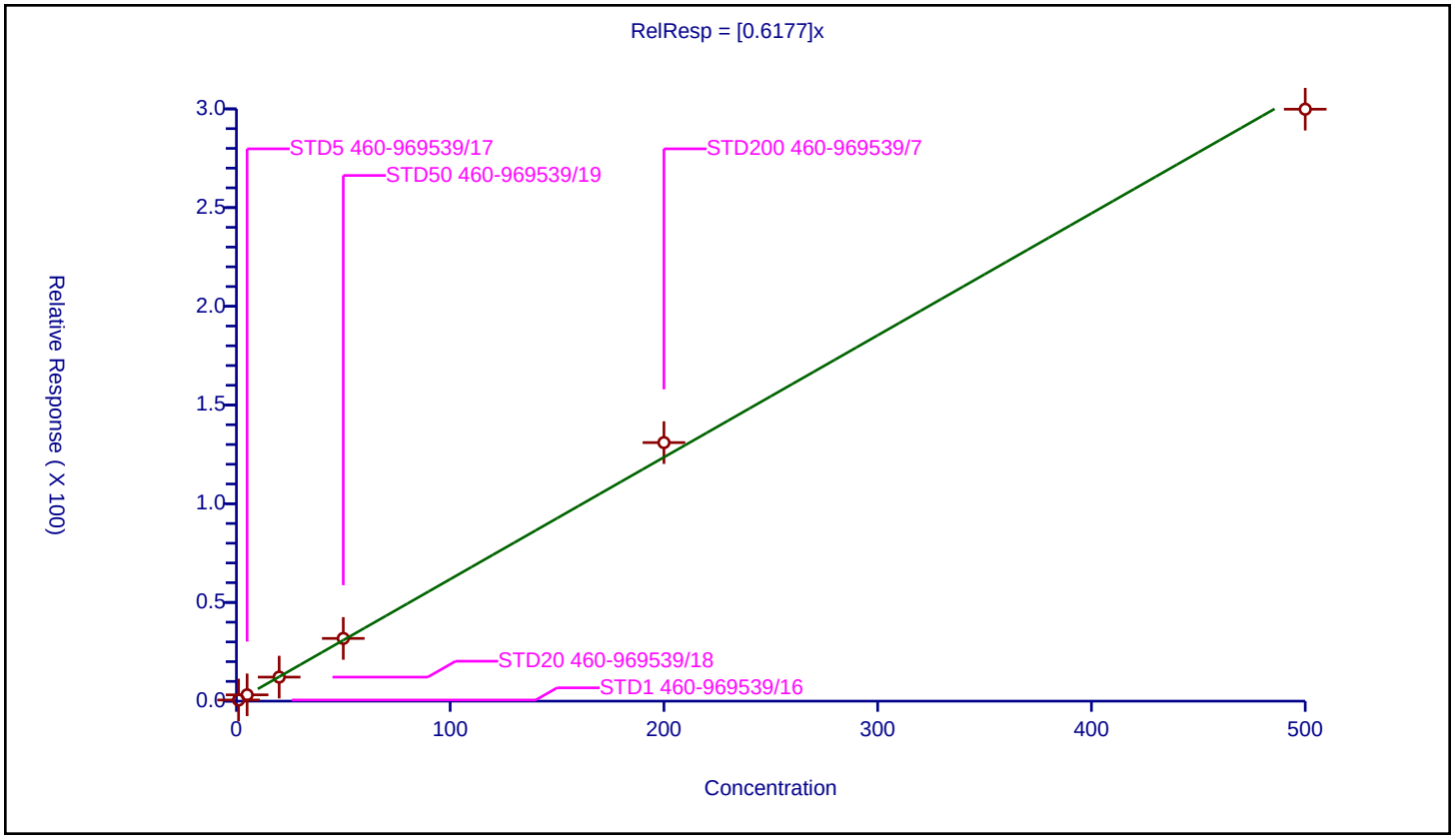
Curve Coefficients

Intercept:	0
Slope:	0.6177

Error Coefficients

Relative Standard Deviation:	5.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	1.0	0.569308	50.0	606877.0	0.569308	Y
2	STD5 460-969539/17	5.0	3.191611	50.0	623212.0	0.638322	Y
3	STD20 460-969539/18	20.0	12.173059	50.0	616702.0	0.608653	Y
4	STD50 460-969539/19	50.0	31.771308	50.0	643801.0	0.635426	Y
5	STD200 460-969539/7	200.0	130.960663	50.0	662376.0	0.654803	Y
6	STD500 460-969539/8	500.0	299.844405	50.0	723994.0	0.599689	Y



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Calibration / Methylcyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

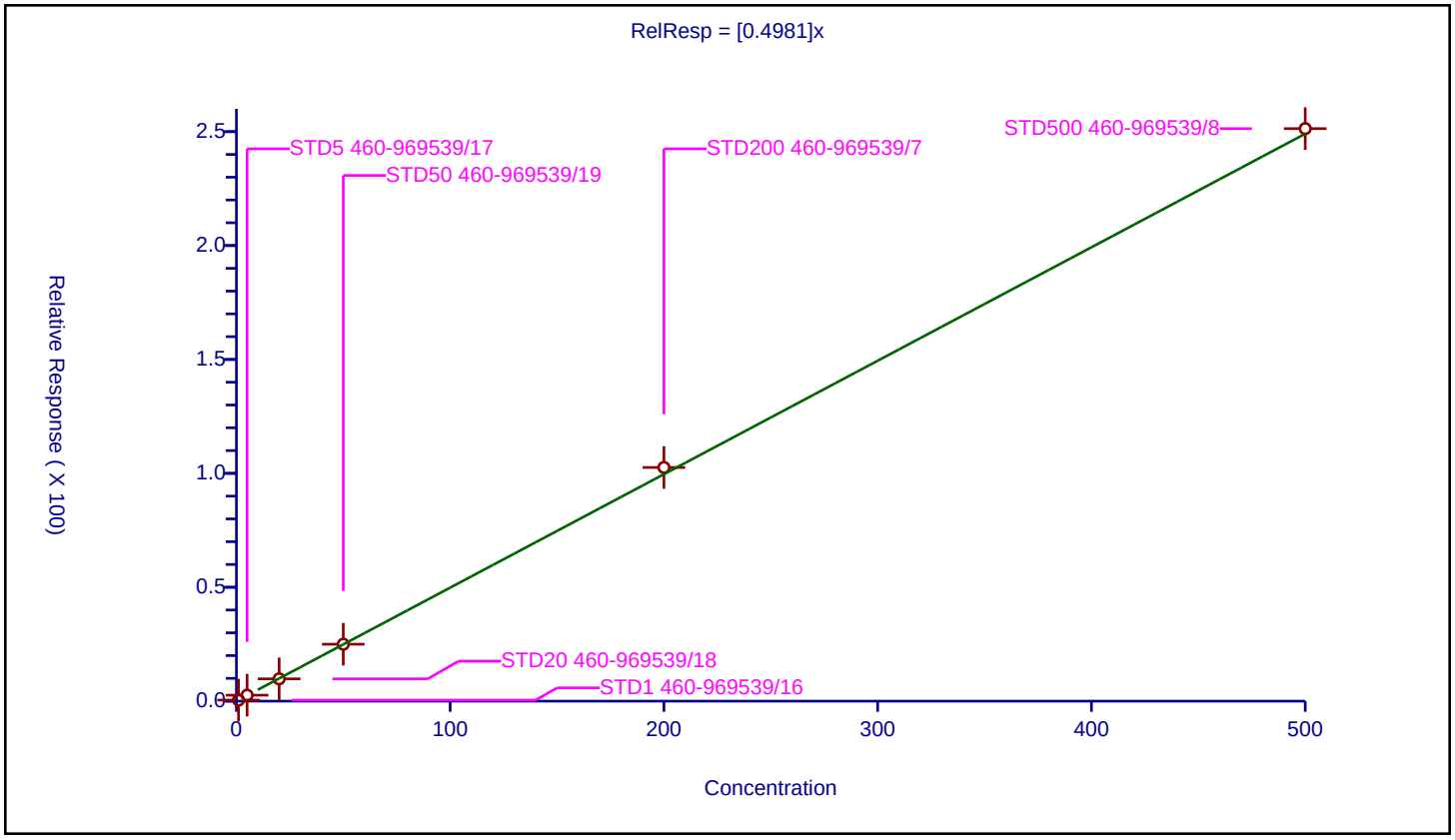
Curve Coefficients

Intercept:	0
Slope:	0.4981

Error Coefficients

Relative Standard Deviation:	4.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	1.0	0.459978	50.0	606877.0	0.459978	Y
2	STD5 460-969539/17	5.0	2.617889	50.0	623212.0	0.523578	Y
3	STD20 460-969539/18	20.0	9.797033	50.0	616702.0	0.489852	Y
4	STD50 460-969539/19	50.0	24.986991	50.0	643801.0	0.49974	Y
5	STD200 460-969539/7	200.0	102.587956	50.0	662376.0	0.51294	Y
6	STD500 460-969539/8	500.0	251.333022	50.0	723994.0	0.502666	Y



Calibration / 1,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

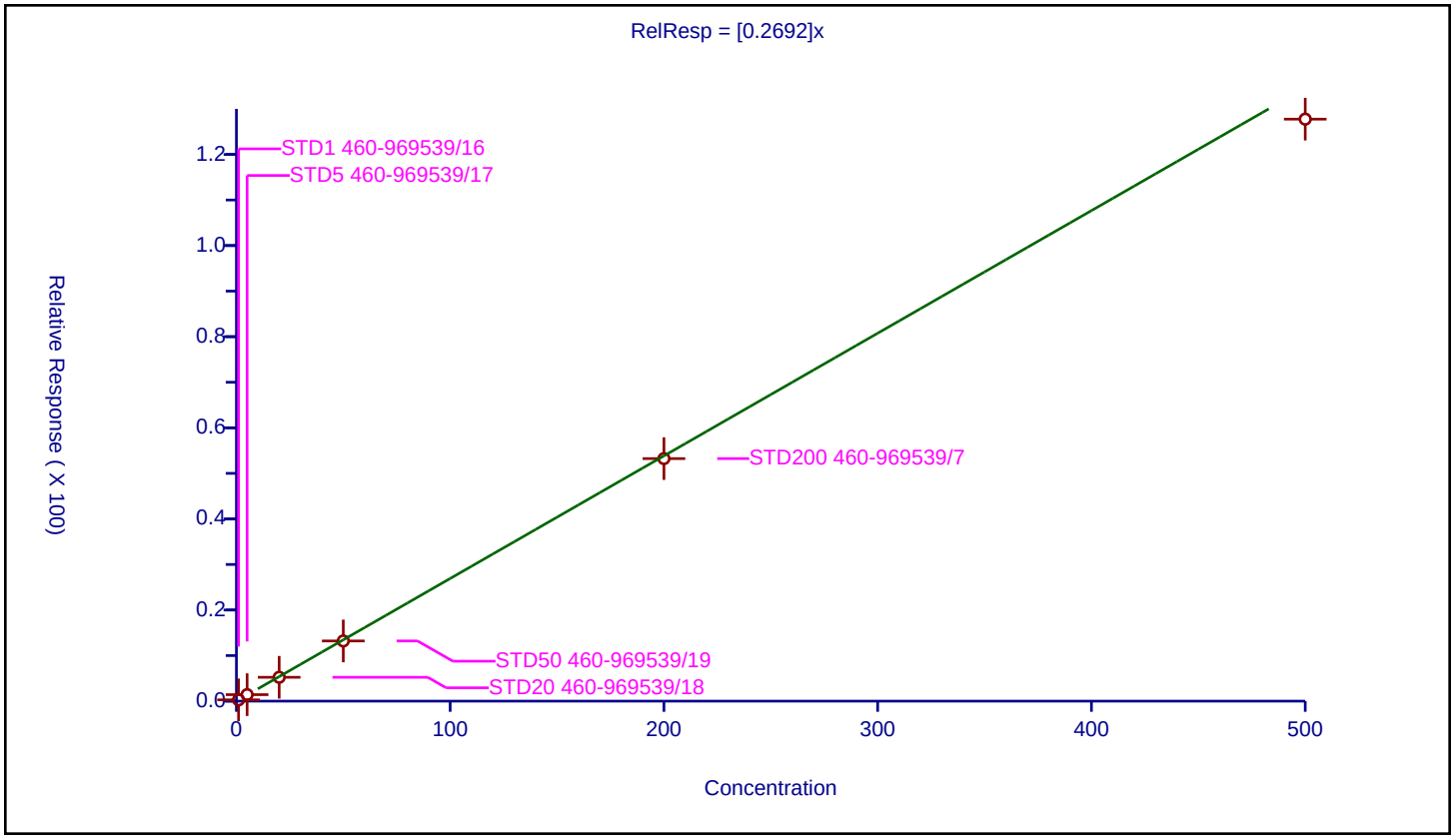
Curve Coefficients

Intercept:	0
Slope:	0.2692

Error Coefficients

Relative Standard Deviation:	4.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	1.0	0.28243	50.0	606877.0	0.28243	Y
2	STD5 460-969539/17	5.0	1.424796	50.0	623212.0	0.284959	Y
3	STD20 460-969539/18	20.0	5.237051	50.0	616702.0	0.261853	Y
4	STD50 460-969539/19	50.0	13.210604	50.0	643801.0	0.264212	Y
5	STD200 460-969539/7	200.0	53.238719	50.0	662376.0	0.266194	Y
6	STD500 460-969539/8	500.0	127.746846	50.0	723994.0	0.255494	Y



Calibration / Dibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

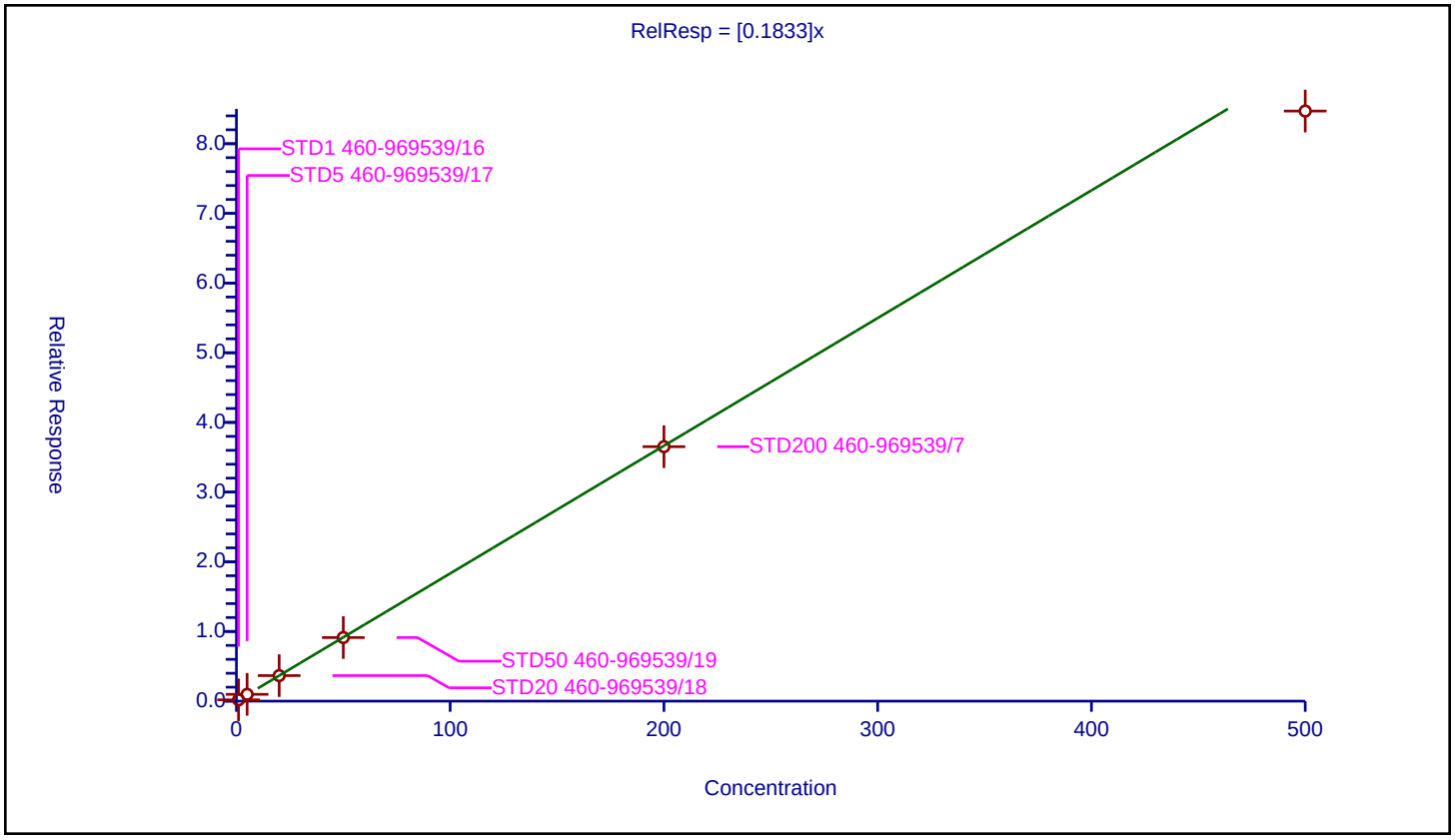
Curve Coefficients

Intercept:	0
Slope:	0.1833

Error Coefficients

Relative Standard Deviation:	4.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	1.0	0.186776	50.0	606877.0	0.186776	Y
2	STD5 460-969539/17	5.0	0.975671	50.0	623212.0	0.195134	Y
3	STD20 460-969539/18	20.0	3.661979	50.0	616702.0	0.183099	Y
4	STD50 460-969539/19	50.0	9.127976	50.0	643801.0	0.18256	Y
5	STD200 460-969539/7	200.0	36.523666	50.0	662376.0	0.182618	Y
6	STD500 460-969539/8	500.0	84.692207	50.0	723994.0	0.169384	Y



Calibration / 1,4-Dioxane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

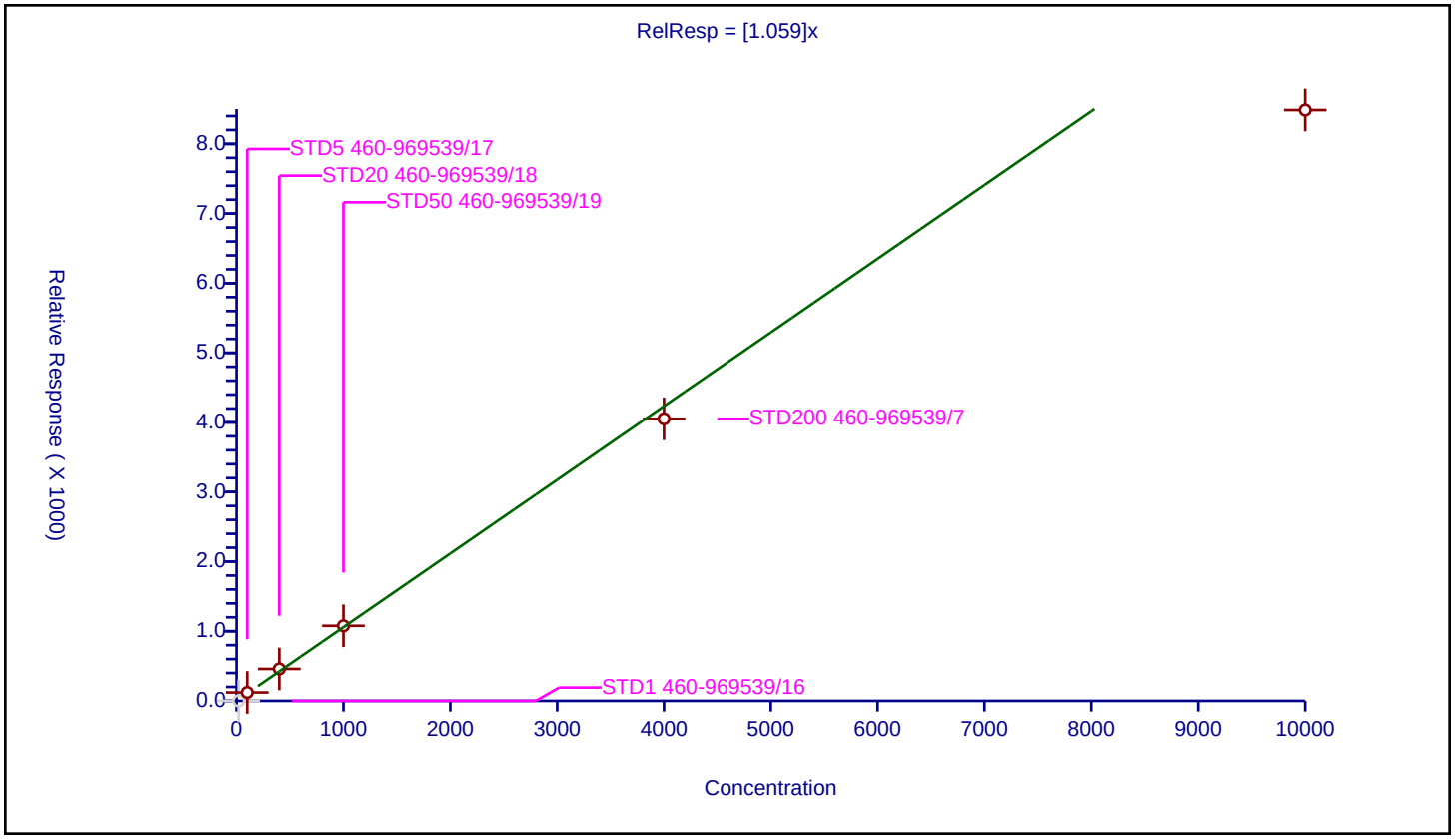
Curve Coefficients

Intercept:	0
Slope:	1.059

Error Coefficients

Relative Standard Deviation:	13.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	20.0	0.0	1000.0	26271.0	0.0	N
2	STD5 460-969539/17	100.0	120.657608	1000.0	31204.0	1.206576	Y
3	STD20 460-969539/18	400.0	458.687434	1000.0	35183.0	1.146719	Y
4	STD50 460-969539/19	1000.0	1077.976322	1000.0	36152.0	1.077976	Y
5	STD200 460-969539/7	4000.0	4051.943189	1000.0	37387.0	1.012986	Y
6	STD500 460-969539/8	10000.0	8485.52923	1000.0	41532.0	0.848553	Y



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Calibration / Methyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

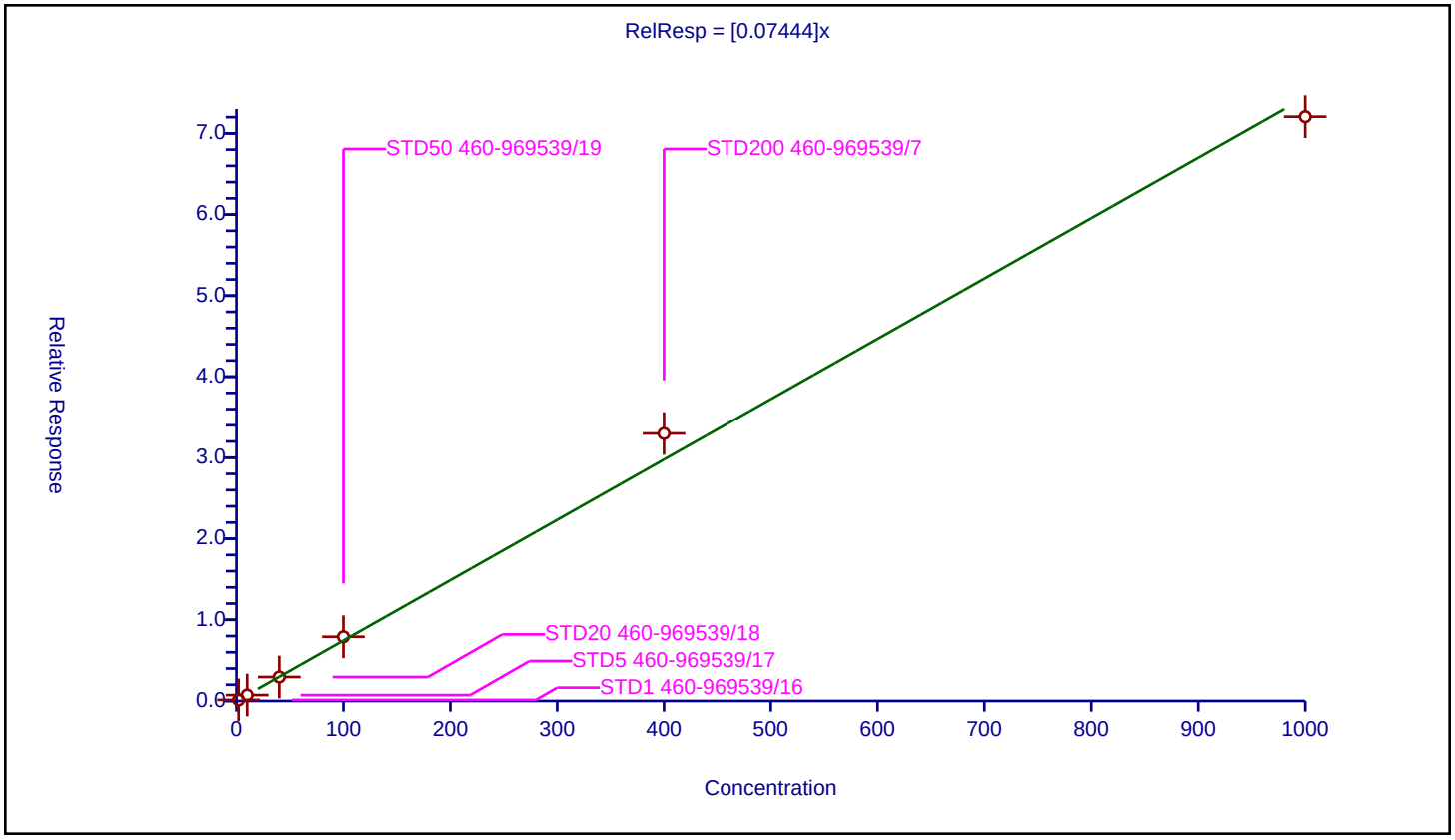
Curve Coefficients

Intercept:	0
Slope:	0.07444

Error Coefficients

Relative Standard Deviation:	7.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	2.0	0.132811	50.0	606877.0	0.066406	Y
2	STD5 460-969539/17	10.0	0.728083	50.0	623212.0	0.072808	Y
3	STD20 460-969539/18	40.0	2.952561	50.0	616702.0	0.073814	Y
4	STD50 460-969539/19	100.0	7.910441	50.0	643801.0	0.079104	Y
5	STD200 460-969539/7	400.0	32.988363	50.0	662376.0	0.082471	Y
6	STD500 460-969539/8	1000.0	72.05923	50.0	723994.0	0.072059	Y



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Calibration / n-Propyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

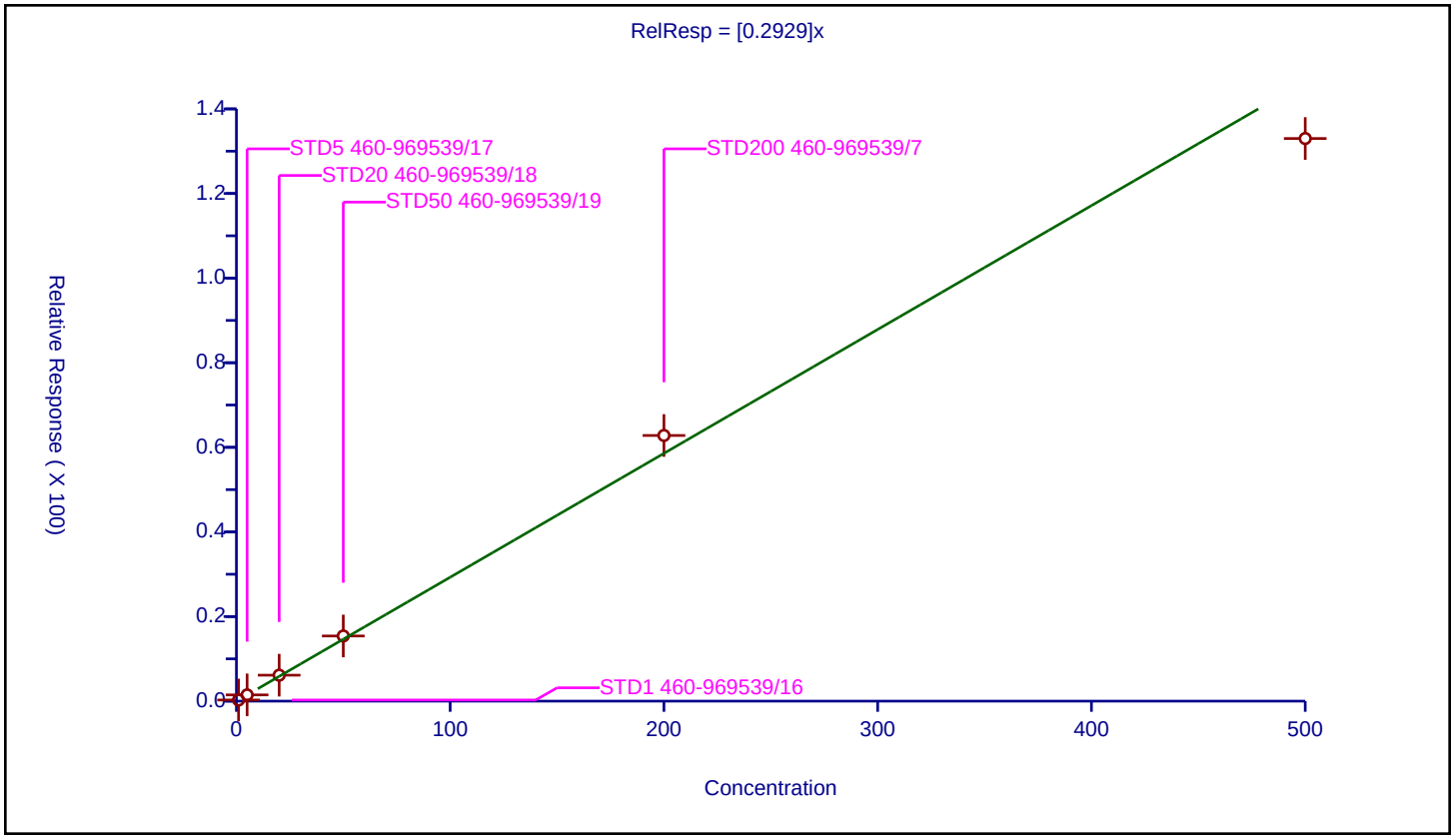
Curve Coefficients

Intercept:	0
Slope:	0.2929

Error Coefficients

Relative Standard Deviation:	7.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	1.0	0.267435	50.0	606877.0	0.267435	Y
2	STD5 460-969539/17	5.0	1.474217	50.0	623212.0	0.294843	Y
3	STD20 460-969539/18	20.0	6.134811	50.0	616702.0	0.306741	Y
4	STD50 460-969539/19	50.0	15.405148	50.0	643801.0	0.308103	Y
5	STD200 460-969539/7	200.0	62.801717	50.0	662376.0	0.314009	Y
6	STD500 460-969539/8	500.0	132.997373	50.0	723994.0	0.265995	Y



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Calibration / Dichlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

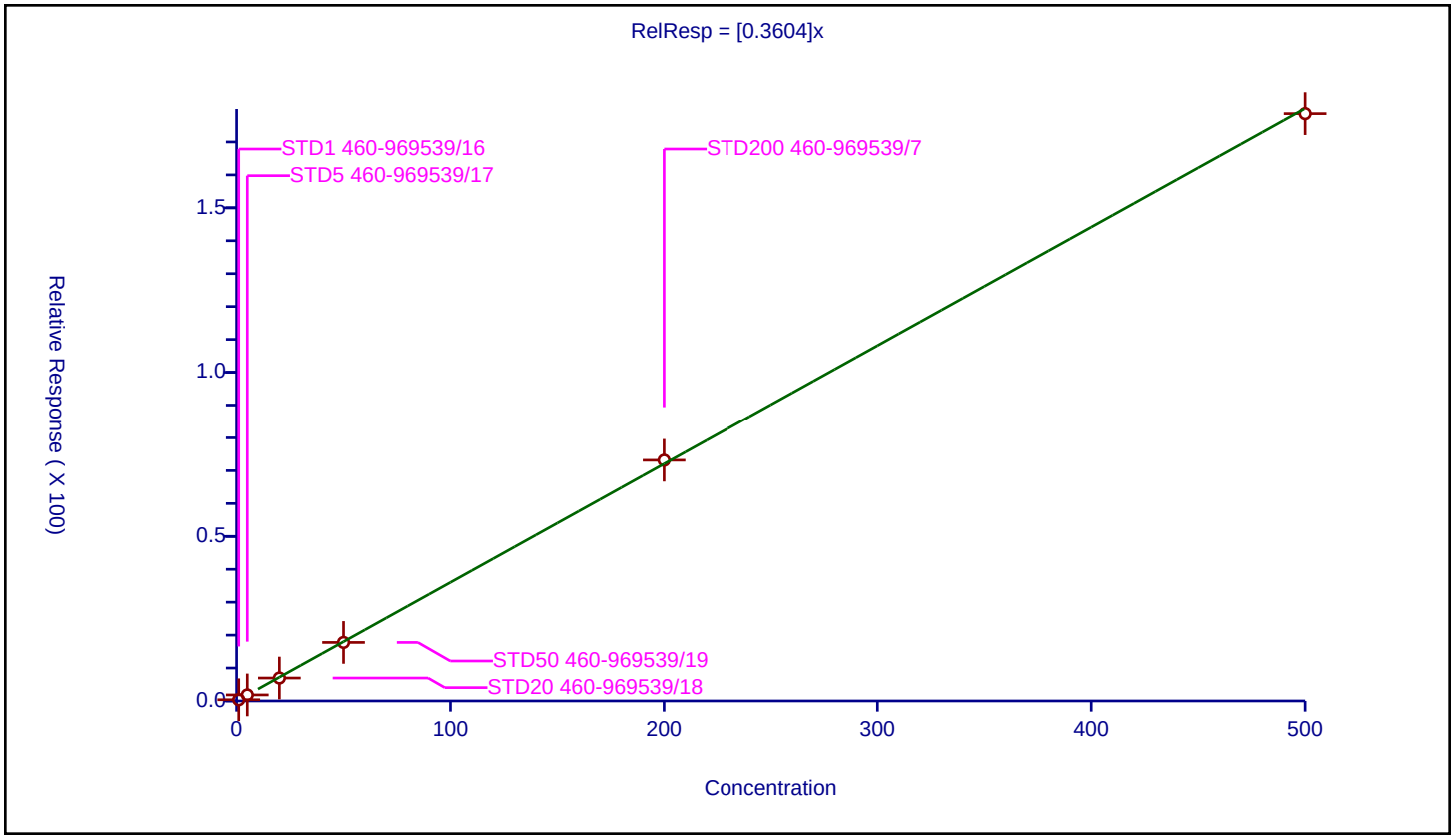
Curve Coefficients

Intercept:	0
Slope:	0.3604

Error Coefficients

Relative Standard Deviation:	2.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	1.0	0.368361	50.0	606877.0	0.368361	Y
2	STD5 460-969539/17	5.0	1.834448	50.0	623212.0	0.36689	Y
3	STD20 460-969539/18	20.0	6.962196	50.0	616702.0	0.34811	Y
4	STD50 460-969539/19	50.0	17.782358	50.0	643801.0	0.355647	Y
5	STD200 460-969539/7	200.0	73.180792	50.0	662376.0	0.365904	Y
6	STD500 460-969539/8	500.0	178.597267	50.0	723994.0	0.357195	Y



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Calibration / 2-Nitropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

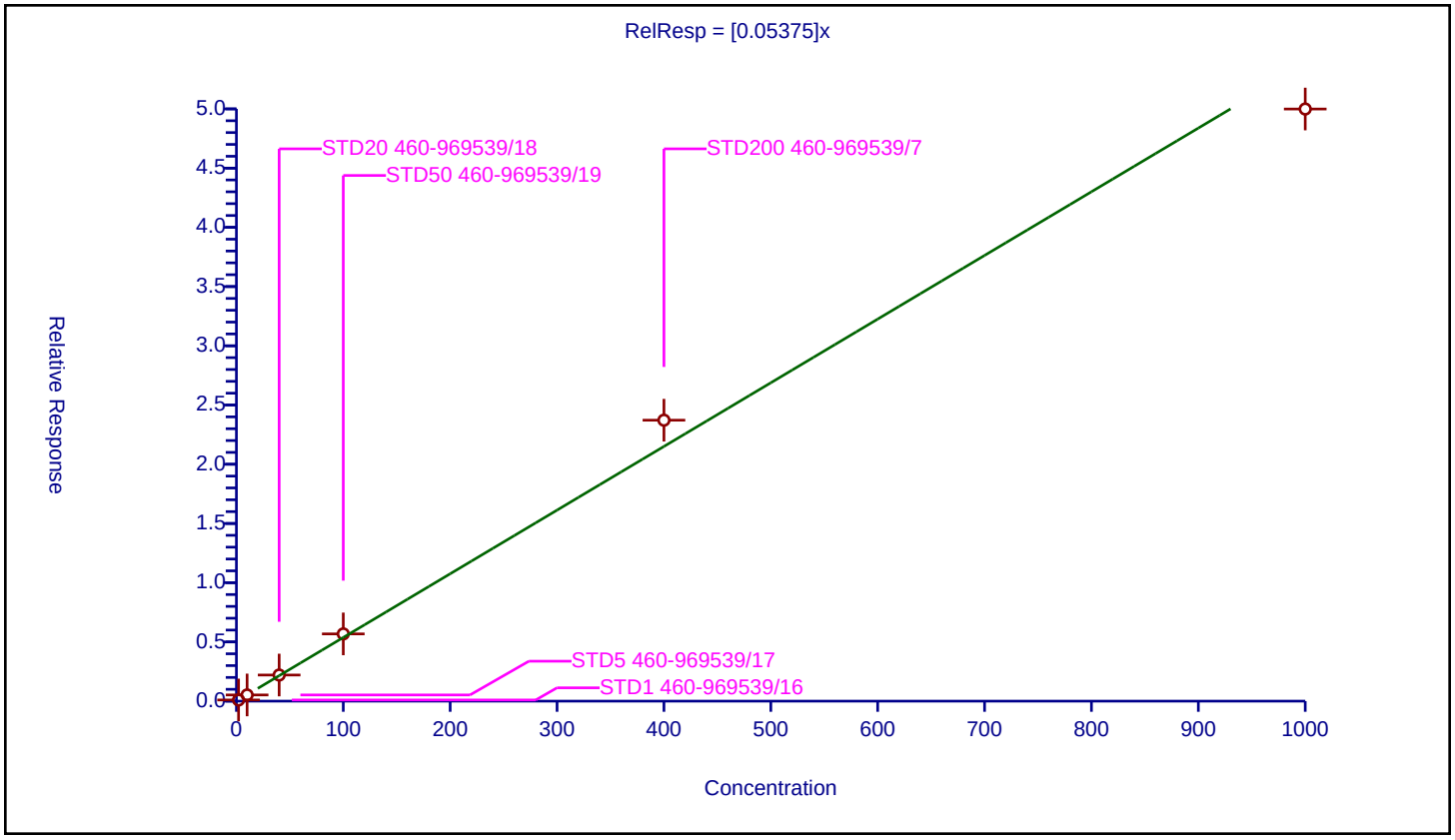
Curve Coefficients

Intercept:	0
Slope:	0.05375

Error Coefficients

Relative Standard Deviation:	7.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	2.0	0.098043	50.0	606877.0	0.049021	Y
2	STD5 460-969539/17	10.0	0.523257	50.0	623212.0	0.052326	Y
3	STD20 460-969539/18	40.0	2.204874	50.0	616702.0	0.055122	Y
4	STD50 460-969539/19	100.0	5.677375	50.0	643801.0	0.056774	Y
5	STD200 460-969539/7	400.0	23.718628	50.0	662376.0	0.059297	Y
6	STD500 460-969539/8	1000.0	49.989848	50.0	723994.0	0.04999	Y



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Calibration / 2-Chloroethyl vinyl ether

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

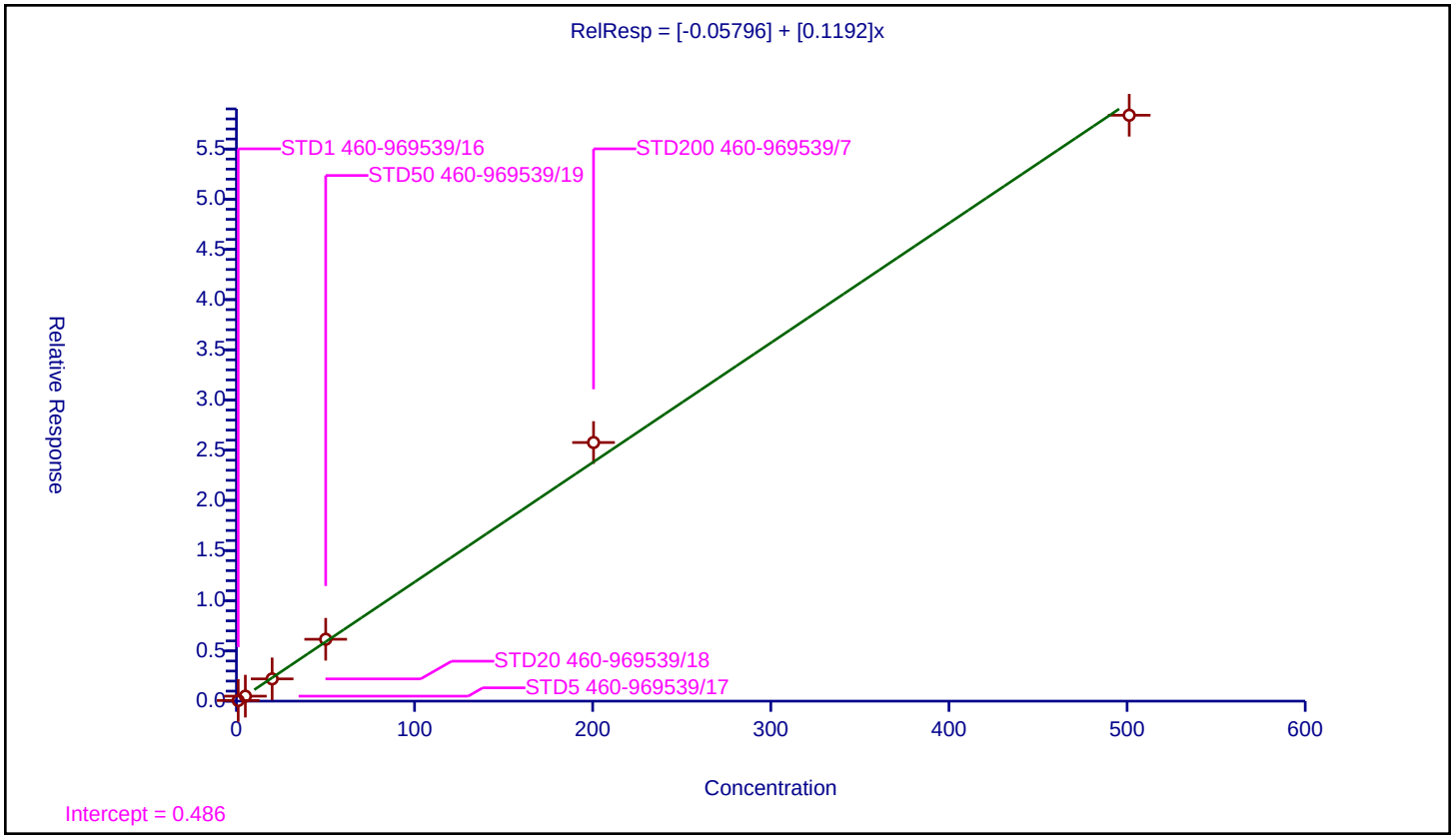
Curve Coefficients

Intercept:	-0.05796
Slope:	0.1192

Error Coefficients

Relative Standard Deviation:	6.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	1.0024	0.063275	50.0	606877.0	0.063123	Y
2	STD5 460-969539/17	5.012	0.498466	50.0	623212.0	0.099455	Y
3	STD20 460-969539/18	20.048	2.217603	50.0	616702.0	0.110615	Y
4	STD50 460-969539/19	50.12	6.16557	50.0	643801.0	0.123016	Y
5	STD200 460-969539/7	200.48	25.764822	50.0	662376.0	0.128516	Y
6	STD500 460-969539/8	501.2	58.369544	50.0	723994.0	0.11646	Y



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Calibration / Epichlorohydrin

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

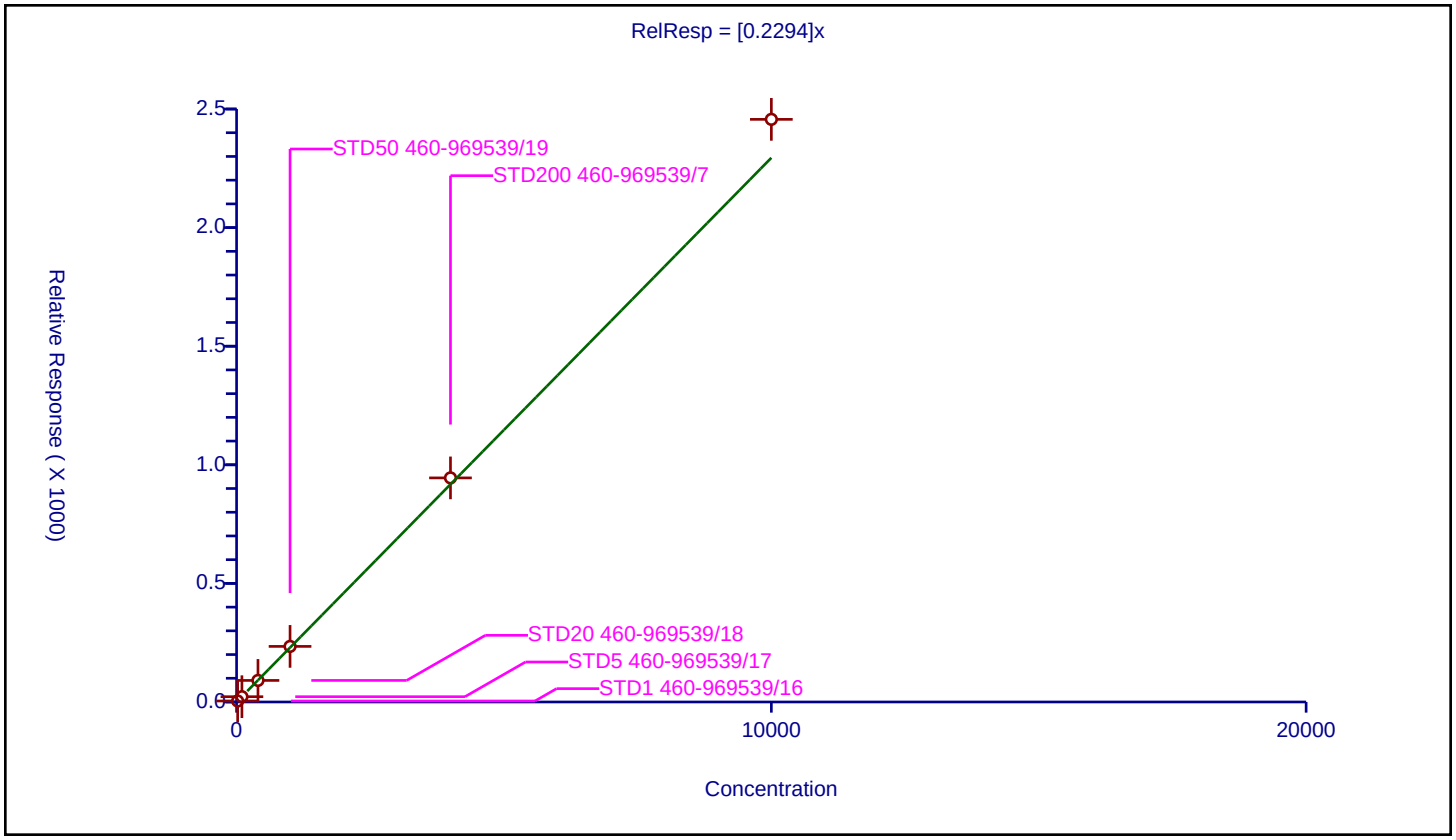
Curve Coefficients

Intercept:	0
Slope:	0.2294

Error Coefficients

Relative Standard Deviation:	5.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	20.000035	4.209447	250.0	288102.0	0.210472	Y
2	STD5 460-969539/17	100.000173	22.279567	250.0	317376.0	0.222795	Y
3	STD20 460-969539/18	400.000692	90.842514	250.0	341371.0	0.227106	Y
4	STD50 460-969539/19	1000.00173	234.310203	250.0	353988.0	0.23431	Y
5	STD200 460-969539/7	4000.00692	944.822913	250.0	358609.0	0.236205	Y
6	STD500 460-969539/8	10000.0173	2456.415254	250.0	324500.0	0.245641	Y



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Calibration / cis-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

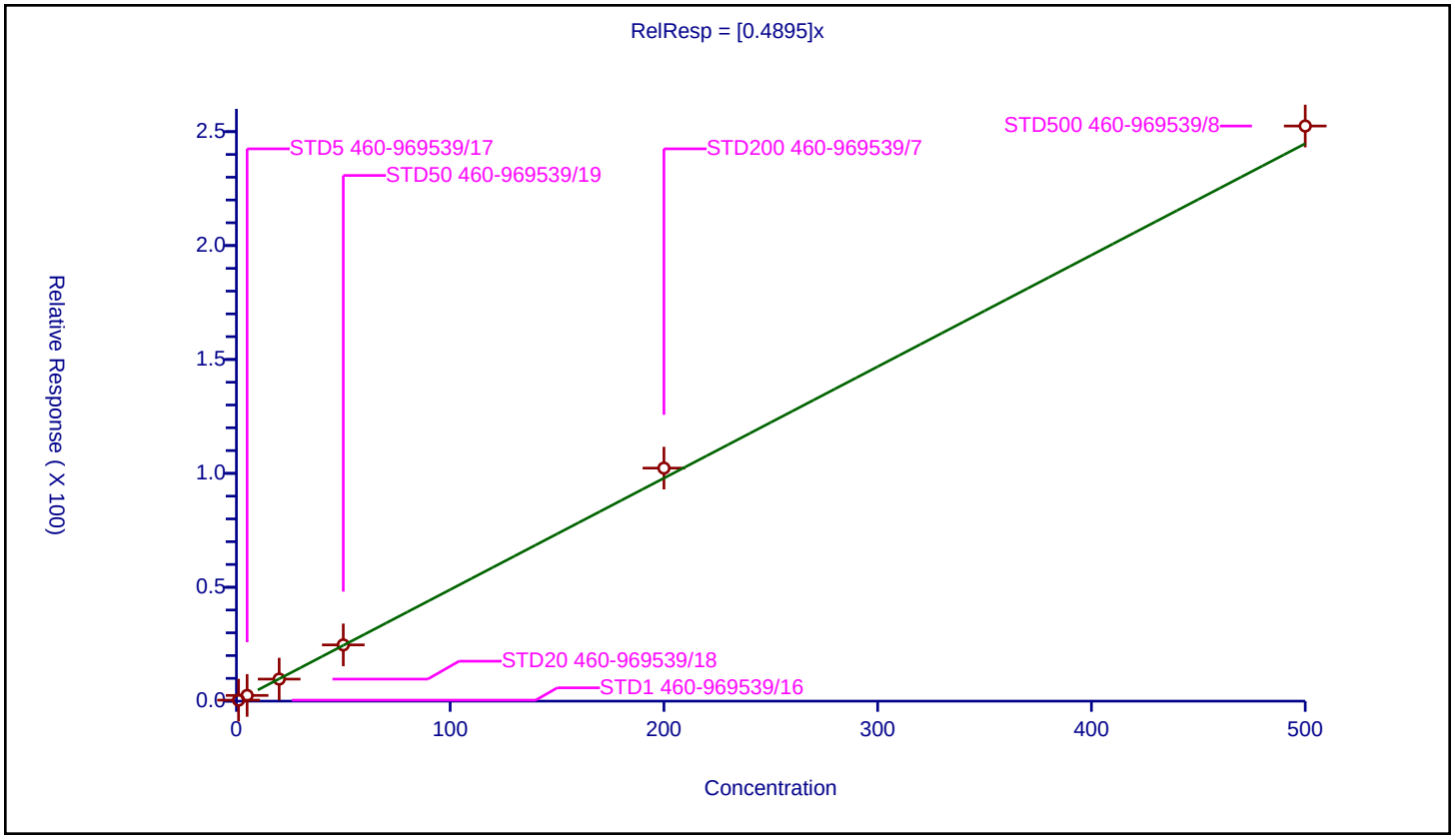
Curve Coefficients

Intercept:	0
Slope:	0.4895

Error Coefficients

Relative Standard Deviation:	5.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	1.0	0.441793	50.0	513589.0	0.441793	Y
2	STD5 460-969539/17	5.0	2.50608	50.0	533343.0	0.501216	Y
3	STD20 460-969539/18	20.0	9.674192	50.0	526690.0	0.48371	Y
4	STD50 460-969539/19	50.0	24.689394	50.0	566071.0	0.493788	Y
5	STD200 460-969539/7	200.0	102.30688	50.0	587872.0	0.511534	Y
6	STD500 460-969539/8	500.0	252.47931	50.0	634955.0	0.504959	Y



Calibration / 4-Methyl-2-pentanone (MIBK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

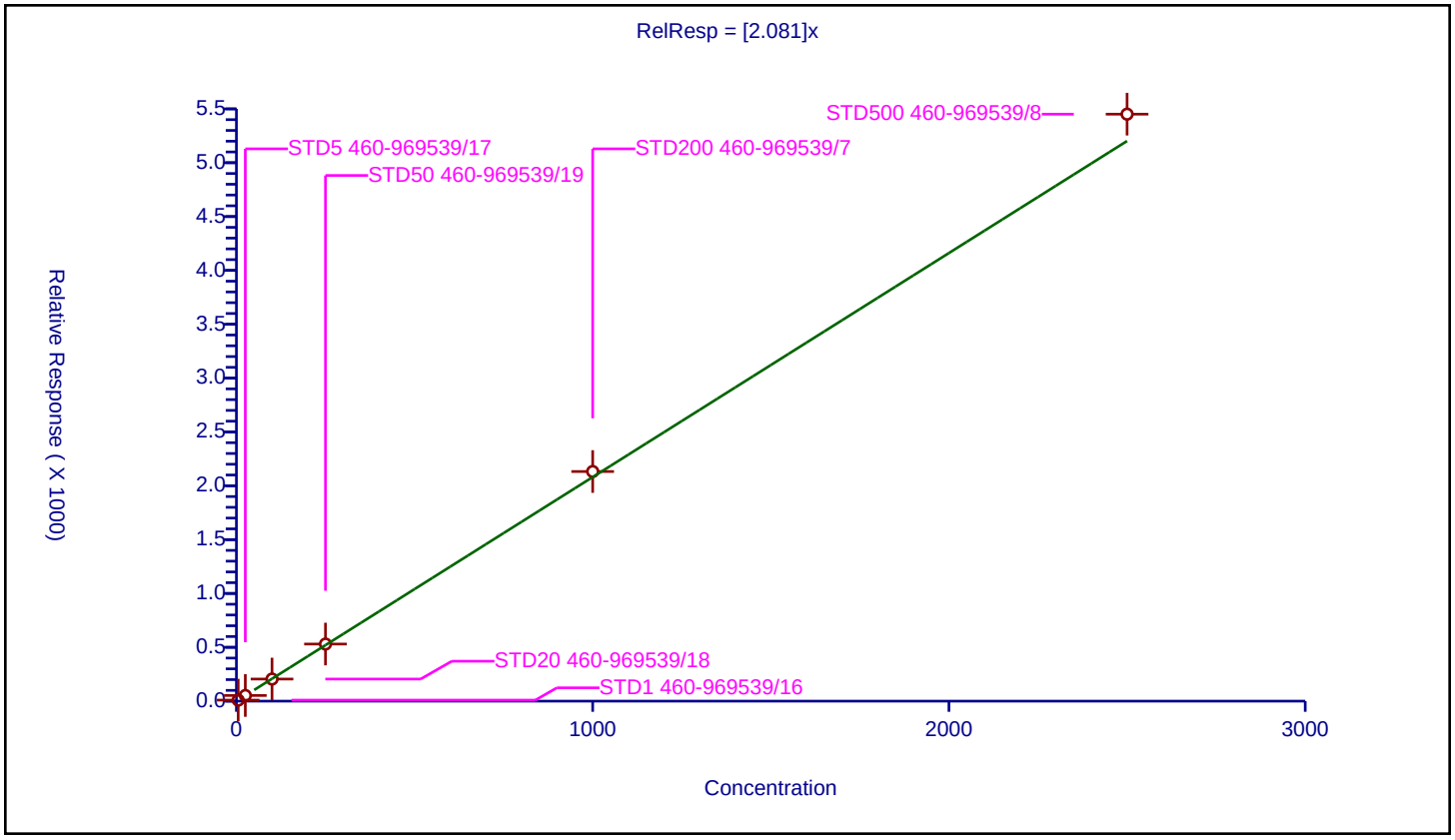
Curve Coefficients

Intercept:	0
Slope:	2.081

Error Coefficients

Relative Standard Deviation:	4.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	5.0	9.508785	250.0	288102.0	1.901757	Y
2	STD5 460-969539/17	25.0	52.439378	250.0	317376.0	2.097575	Y
3	STD20 460-969539/18	100.0	205.147039	250.0	341371.0	2.05147	Y
4	STD50 460-969539/19	250.0	530.102009	250.0	353988.0	2.120408	Y
5	STD200 460-969539/7	1000.0	2132.554537	250.0	358609.0	2.132555	Y
6	STD500 460-969539/8	2500.0	5451.109399	250.0	324500.0	2.180444	Y



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Calibration / Toluene-d8 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

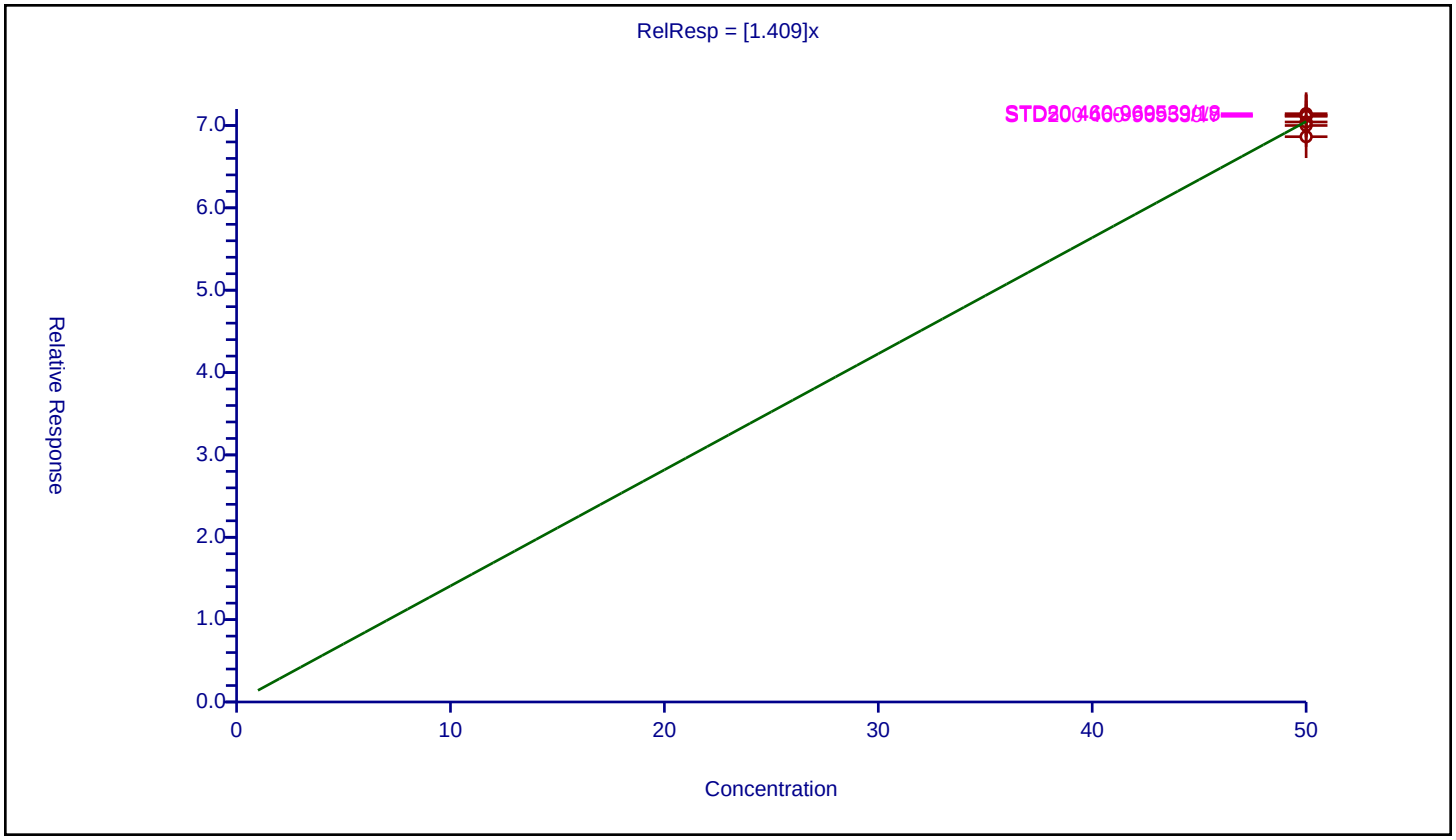
Curve Coefficients

Intercept:	0
Slope:	1.409

Error Coefficients

Relative Standard Deviation:	1.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD200 460-969539/7	50.0	71.11463	50.0	587872.0	1.422293	Y
2	STD500 460-969539/8	50.0	70.427668	50.0	634955.0	1.408553	Y
3	STD1 460-969539/16	50.0	69.998287	50.0	513589.0	1.399966	Y
4	STD5 460-969539/17	50.0	68.640256	50.0	533343.0	1.372805	Y
5	STD20 460-969539/18	50.0	71.431962	50.0	526690.0	1.428639	Y
6	STD50 460-969539/19	50.0	71.223133	50.0	566071.0	1.424463	Y



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Calibration / Toluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

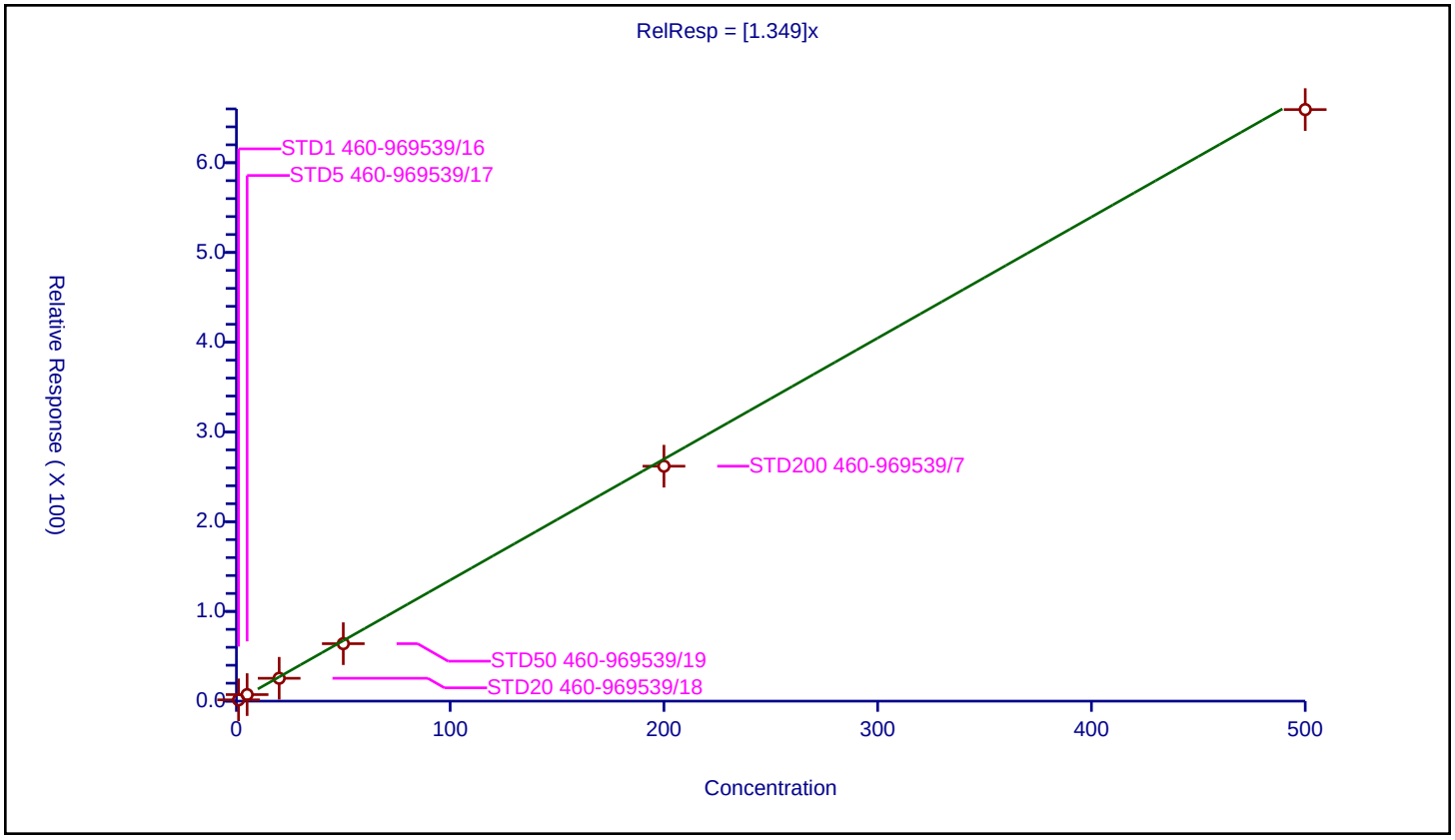
Curve Coefficients

Intercept:	0
Slope:	1.349

Error Coefficients

Relative Standard Deviation:	6.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	1.0	1.452913	50.0	513589.0	1.452913	Y
2	STD5 460-969539/17	5.0	7.283774	50.0	533343.0	1.456755	Y
3	STD20 460-969539/18	20.0	25.488143	50.0	526690.0	1.274407	Y
4	STD50 460-969539/19	50.0	64.042585	50.0	566071.0	1.280852	Y
5	STD200 460-969539/7	200.0	261.827915	50.0	587872.0	1.30914	Y
6	STD500 460-969539/8	500.0	659.23404	50.0	634955.0	1.318468	Y



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Calibration / trans-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

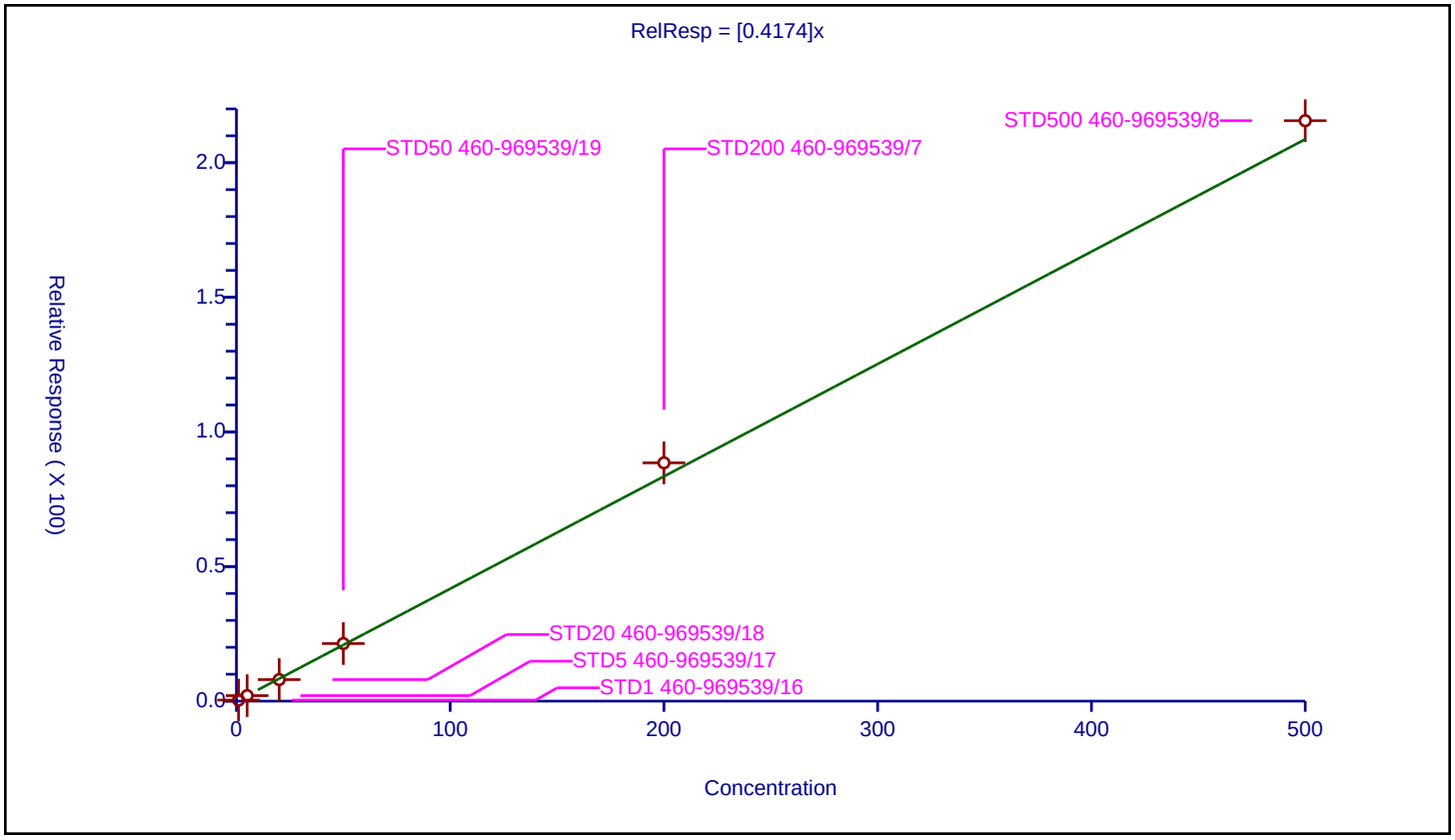
Curve Coefficients

Intercept:	0
Slope:	0.4174

Error Coefficients

Relative Standard Deviation:	4.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	1.0	0.3937	50.0	513589.0	0.3937	Y
2	STD5 460-969539/17	5.0	2.047088	50.0	533343.0	0.409418	Y
3	STD20 460-969539/18	20.0	7.999582	50.0	526690.0	0.399979	Y
4	STD50 460-969539/19	50.0	21.381328	50.0	566071.0	0.427627	Y
5	STD200 460-969539/7	200.0	88.521736	50.0	587872.0	0.442609	Y
6	STD500 460-969539/8	500.0	215.613469	50.0	634955.0	0.431227	Y



Calibration / Ethyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

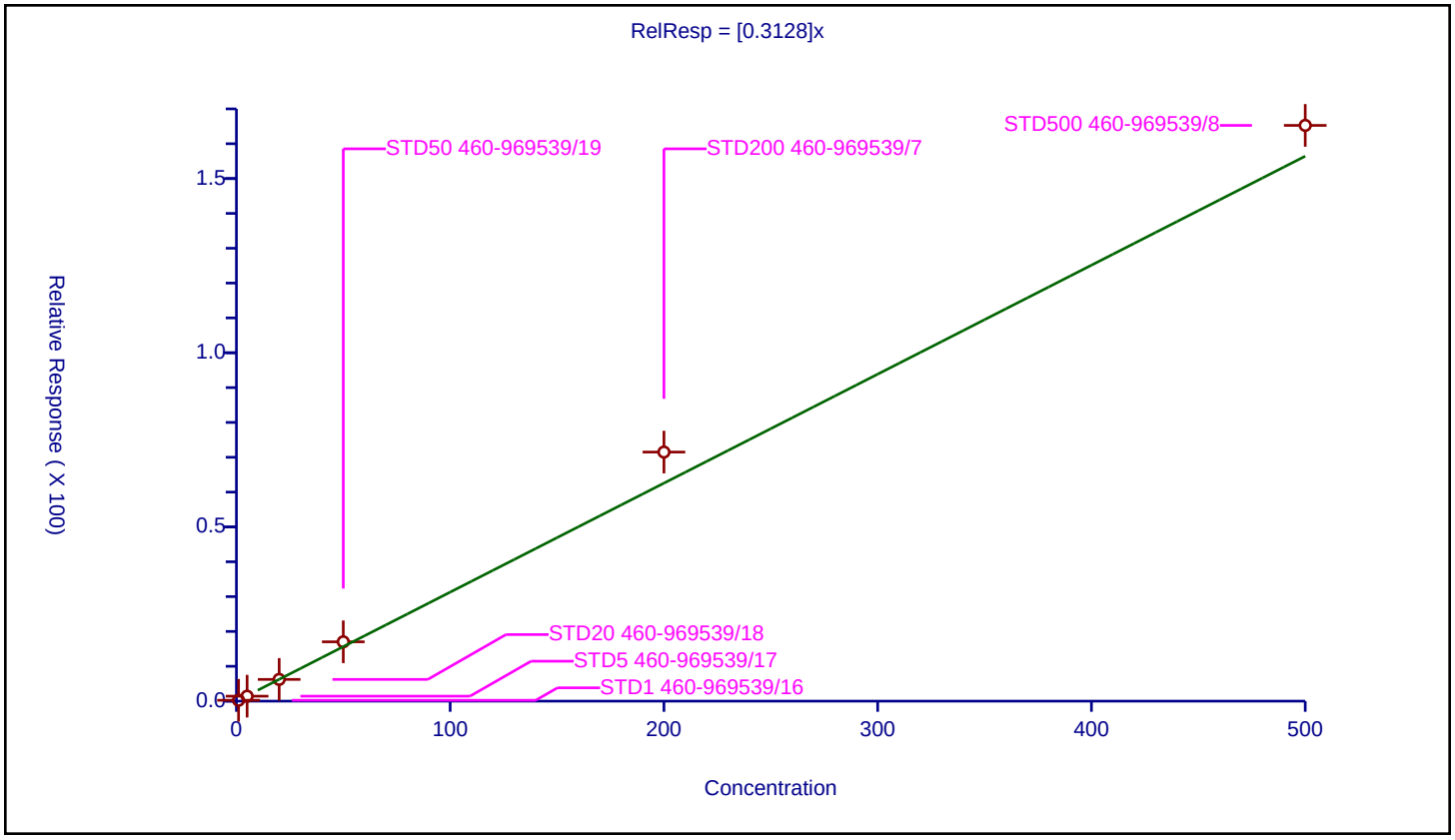
Curve Coefficients

Intercept:	0
Slope:	0.3128

Error Coefficients

Relative Standard Deviation:	12.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	1.0	0.25211	50.0	606877.0	0.25211	Y
2	STD5 460-969539/17	5.0	1.42255	50.0	623212.0	0.28451	Y
3	STD20 460-969539/18	20.0	6.237453	50.0	616702.0	0.311873	Y
4	STD50 460-969539/19	50.0	17.027622	50.0	643801.0	0.340552	Y
5	STD200 460-969539/7	200.0	71.496401	50.0	662376.0	0.357482	Y
6	STD500 460-969539/8	500.0	165.259312	50.0	723994.0	0.330519	Y



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Calibration / 1,1,2-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

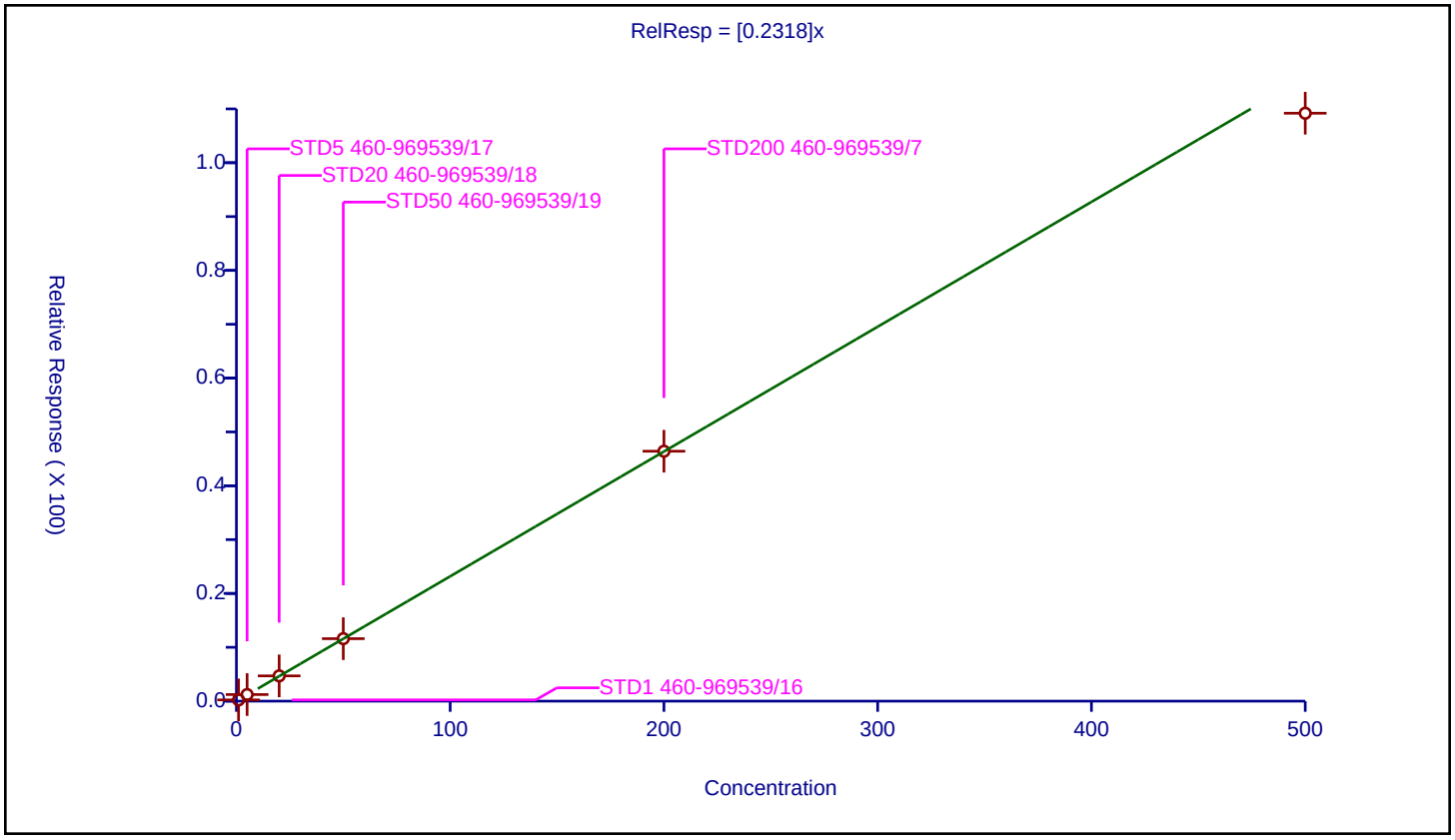
Curve Coefficients

Intercept:	0
Slope:	0.2318

Error Coefficients

Relative Standard Deviation:	3.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	1.0	0.228977	50.0	513589.0	0.228977	Y
2	STD5 460-969539/17	5.0	1.223697	50.0	533343.0	0.244739	Y
3	STD20 460-969539/18	20.0	4.69109	50.0	526690.0	0.234554	Y
4	STD50 460-969539/19	50.0	11.602873	50.0	566071.0	0.232057	Y
5	STD200 460-969539/7	200.0	46.416482	50.0	587872.0	0.232082	Y
6	STD500 460-969539/8	500.0	109.194667	50.0	634955.0	0.218389	Y



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Calibration / Tetrachloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

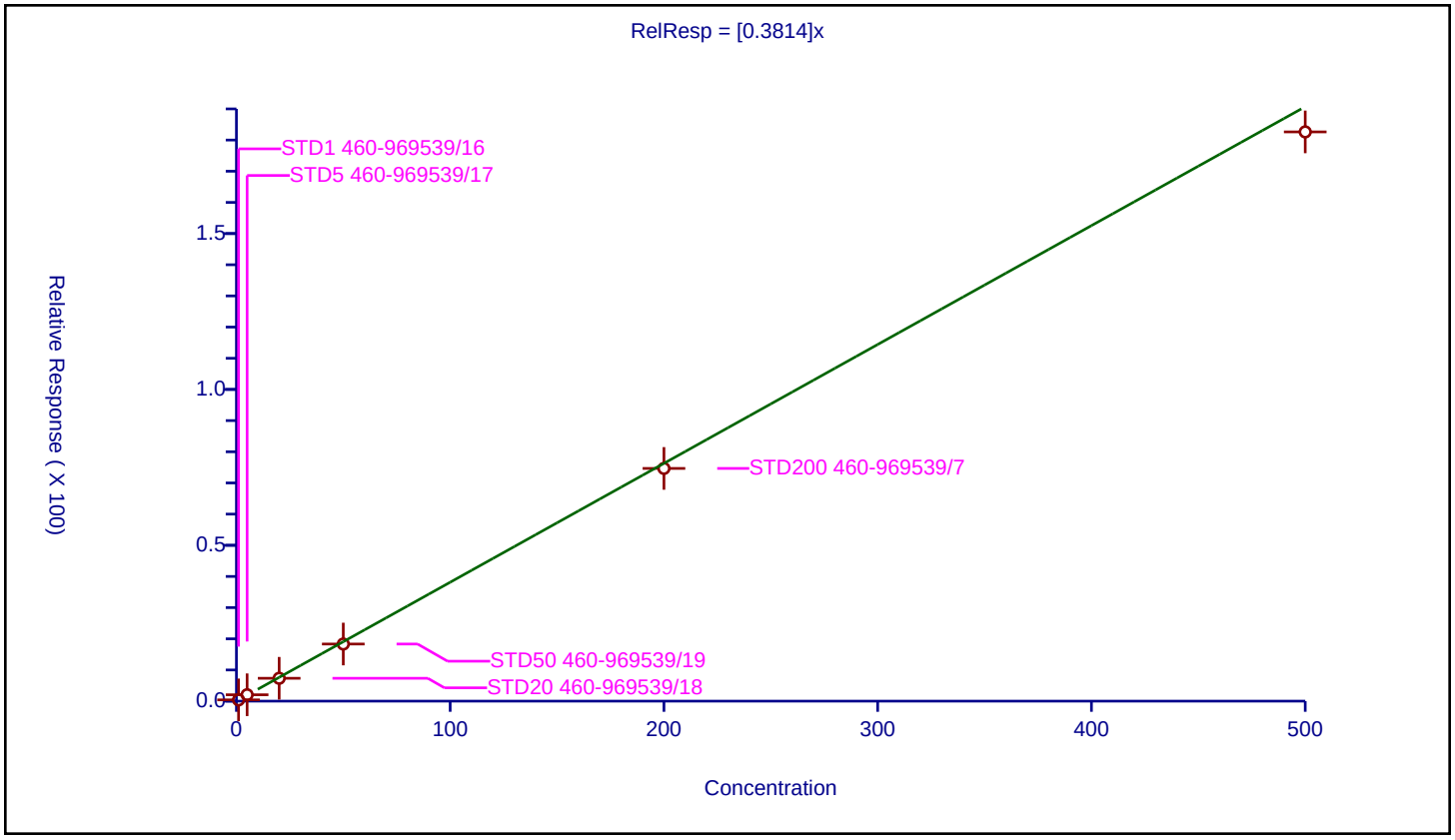
Curve Coefficients

Intercept:	0
Slope:	0.3814

Error Coefficients

Relative Standard Deviation:	5.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	1.0	0.407816	50.0	513589.0	0.407816	Y
2	STD5 460-969539/17	5.0	2.044275	50.0	533343.0	0.408855	Y
3	STD20 460-969539/18	20.0	7.332871	50.0	526690.0	0.366644	Y
4	STD50 460-969539/19	50.0	18.327206	50.0	566071.0	0.366544	Y
5	STD200 460-969539/7	200.0	74.657664	50.0	587872.0	0.373288	Y
6	STD500 460-969539/8	500.0	182.617745	50.0	634955.0	0.365235	Y



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Calibration / 1,3-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

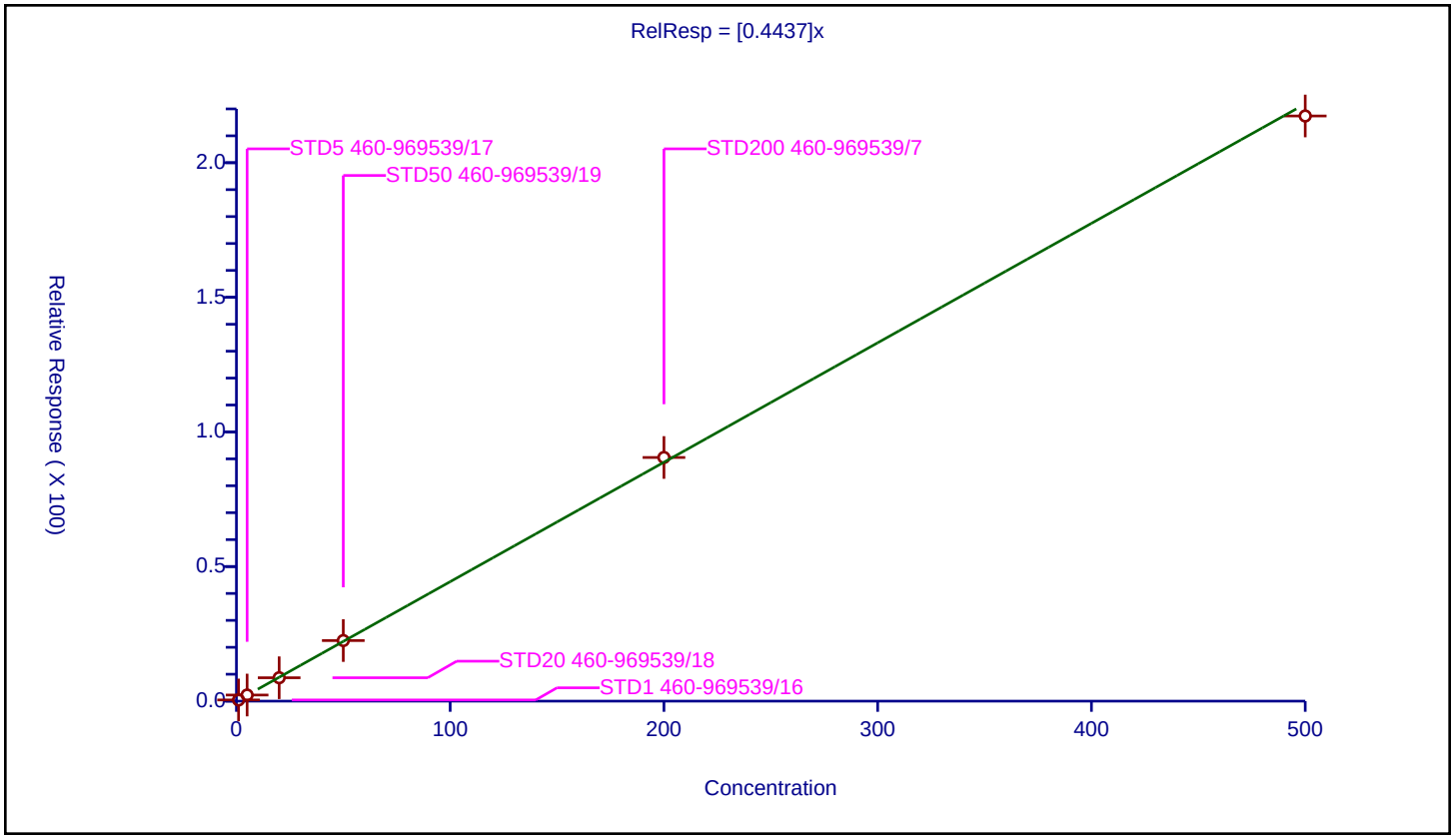
Curve Coefficients

Intercept:	0
Slope:	0.4437

Error Coefficients

Relative Standard Deviation:	2.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	1.0	0.436828	50.0	513589.0	0.436828	Y
2	STD5 460-969539/17	5.0	2.267303	50.0	533343.0	0.453461	Y
3	STD20 460-969539/18	20.0	8.693064	50.0	526690.0	0.434653	Y
4	STD50 460-969539/19	50.0	22.499386	50.0	566071.0	0.449988	Y
5	STD200 460-969539/7	200.0	90.513326	50.0	587872.0	0.452567	Y
6	STD500 460-969539/8	500.0	217.369499	50.0	634955.0	0.434739	Y



Calibration / 2-Hexanone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

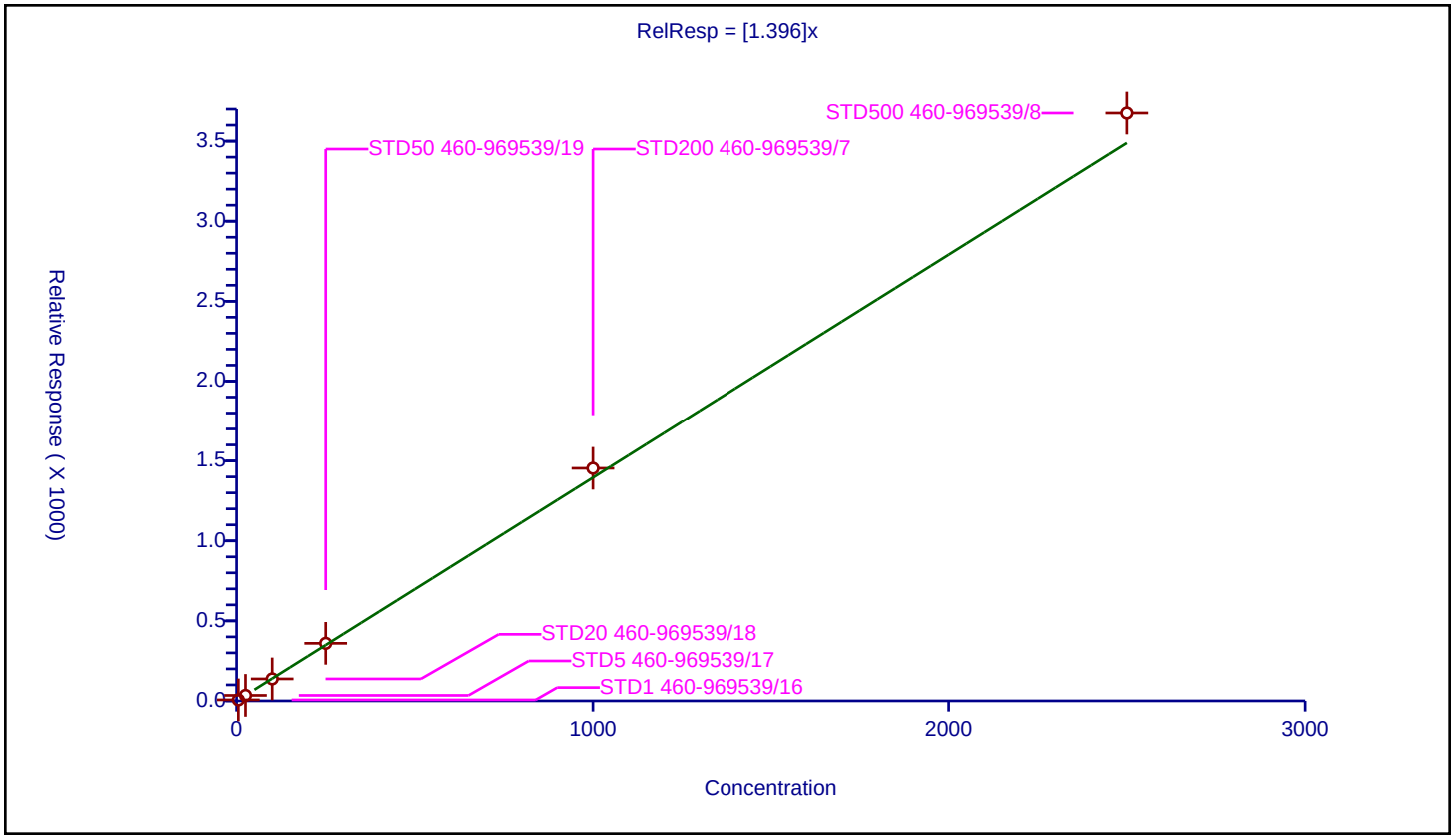
Curve Coefficients

Intercept:	0
Slope:	1.396

Error Coefficients

Relative Standard Deviation:	5.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	5.0	6.328488	250.0	288102.0	1.265698	Y
2	STD5 460-969539/17	25.0	34.278742	250.0	317376.0	1.37115	Y
3	STD20 460-969539/18	100.0	137.376198	250.0	341371.0	1.373762	Y
4	STD50 460-969539/19	250.0	359.620948	250.0	353988.0	1.438484	Y
5	STD200 460-969539/7	1000.0	1454.036987	250.0	358609.0	1.454037	Y
6	STD500 460-969539/8	2500.0	3675.140986	250.0	324500.0	1.470056	Y



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Calibration / Chlorodibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

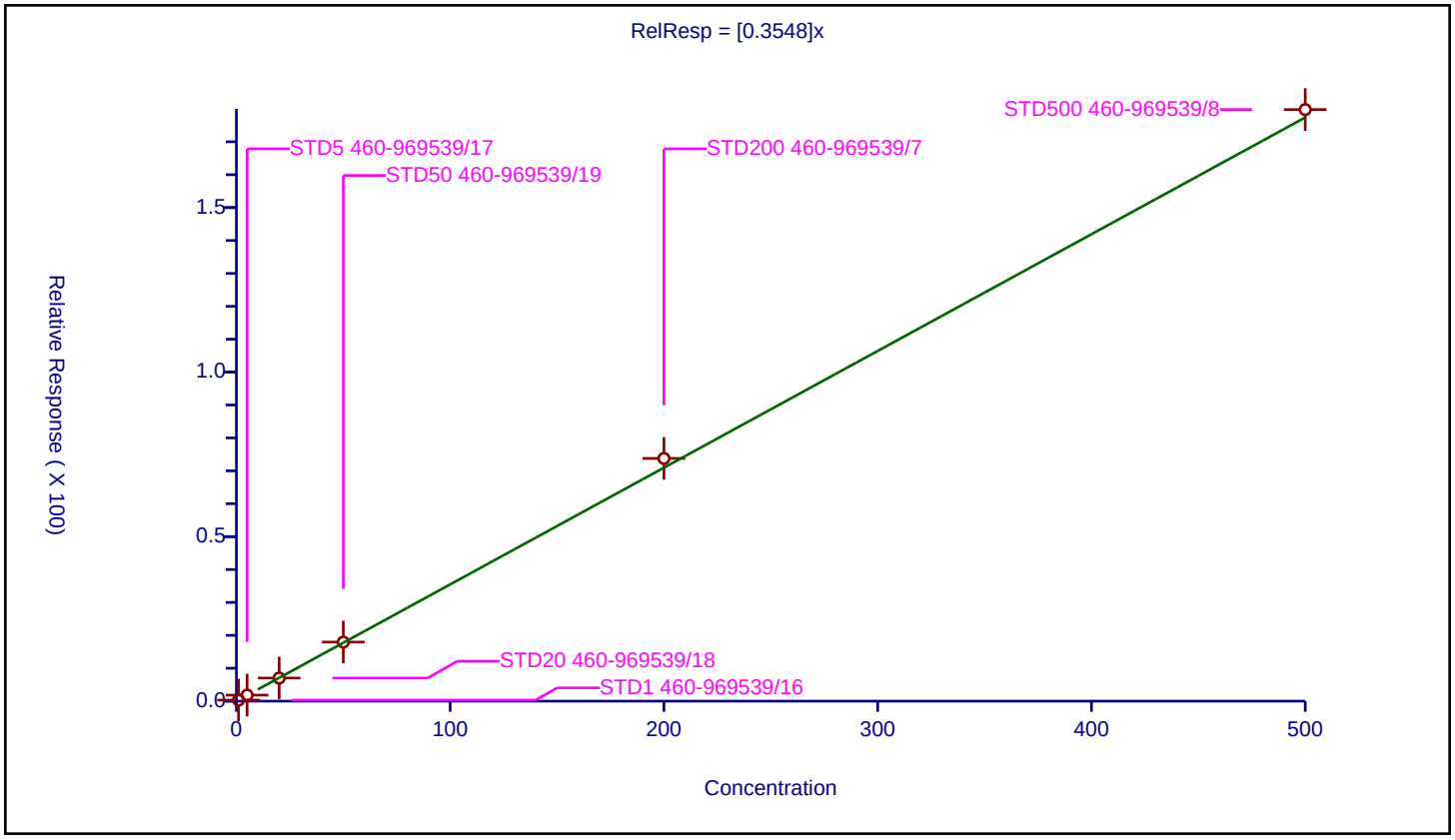
Curve Coefficients

Intercept:	0
Slope:	0.3548

Error Coefficients

Relative Standard Deviation:	4.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	1.0	0.323216	50.0	513589.0	0.323216	Y
2	STD5 460-969539/17	5.0	1.833436	50.0	533343.0	0.366687	Y
3	STD20 460-969539/18	20.0	7.025195	50.0	526690.0	0.35126	Y
4	STD50 460-969539/19	50.0	17.949515	50.0	566071.0	0.35899	Y
5	STD200 460-969539/7	200.0	73.774053	50.0	587872.0	0.36887	Y
6	STD500 460-969539/8	500.0	179.787229	50.0	634955.0	0.359574	Y



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Calibration / Ethylene Dibromide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

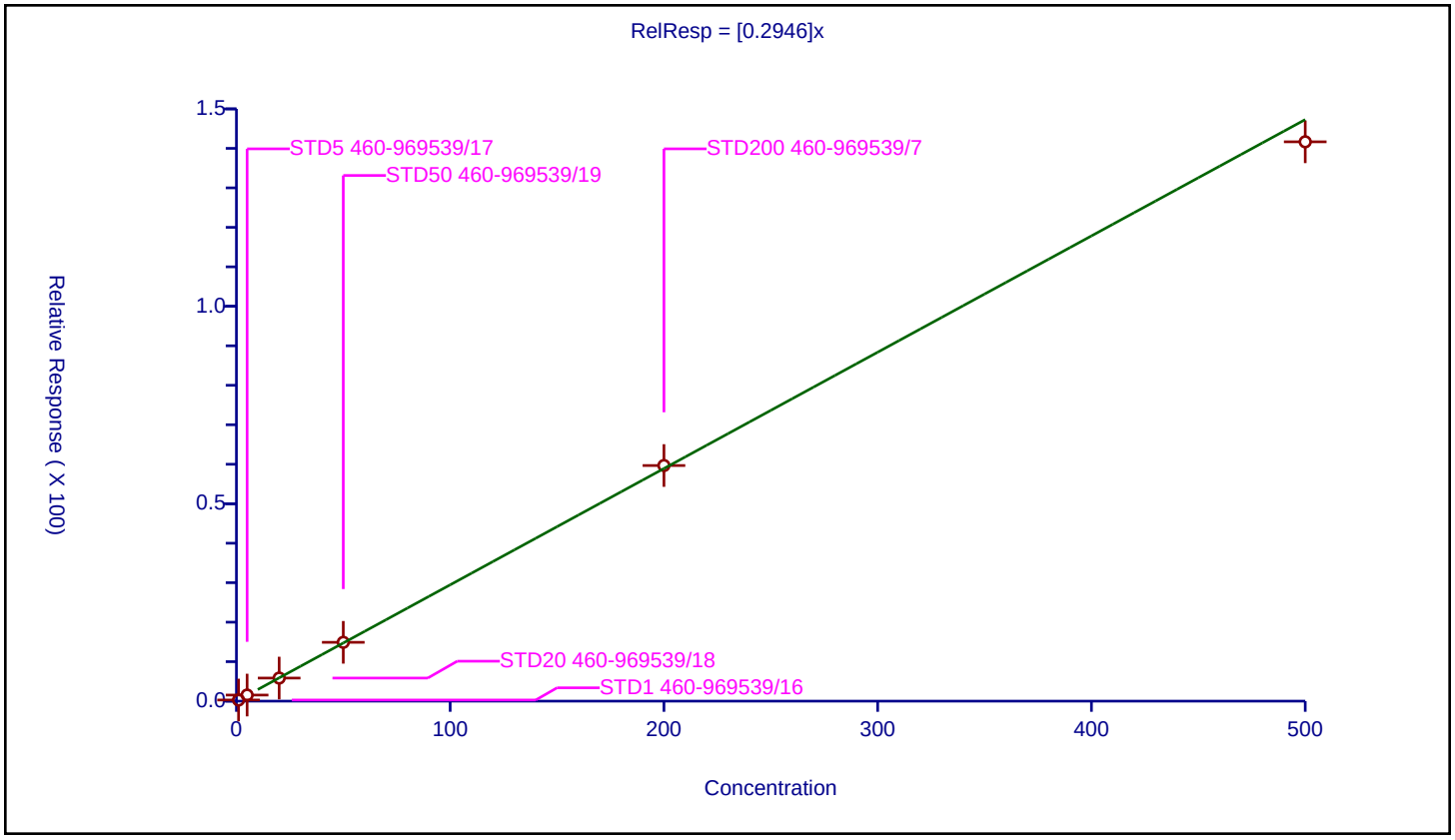
Curve Coefficients

Intercept:	0
Slope:	0.2946

Error Coefficients

Relative Standard Deviation:	3.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	1.0	0.287389	50.0	513589.0	0.287389	Y
2	STD5 460-969539/17	5.0	1.54141	50.0	533343.0	0.308282	Y
3	STD20 460-969539/18	20.0	5.842526	50.0	526690.0	0.292126	Y
4	STD50 460-969539/19	50.0	14.898131	50.0	566071.0	0.297963	Y
5	STD200 460-969539/7	200.0	59.678552	50.0	587872.0	0.298393	Y
6	STD500 460-969539/8	500.0	141.659409	50.0	634955.0	0.283319	Y



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Calibration / n-Butyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

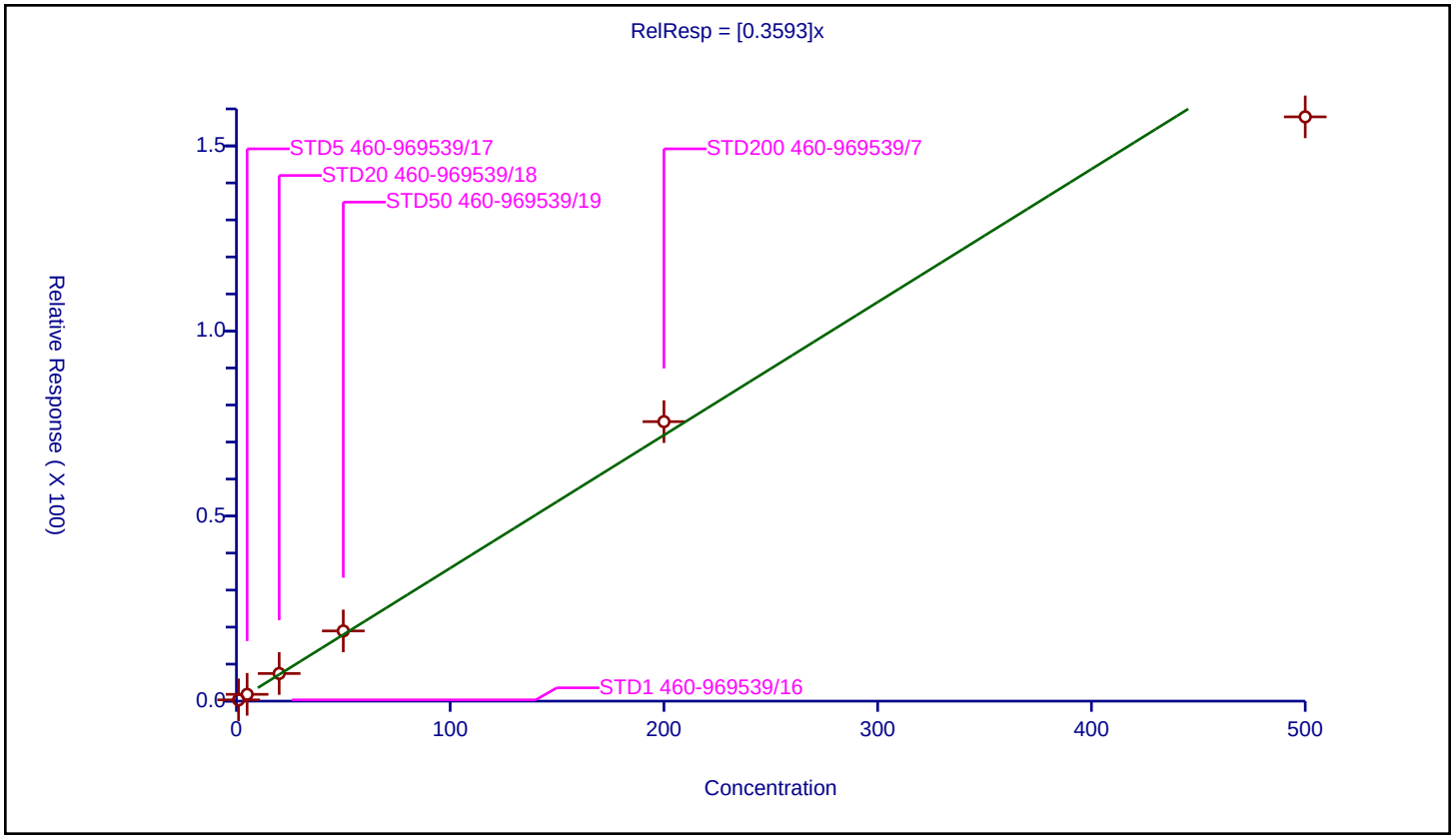
Curve Coefficients

Intercept:	0
Slope:	0.3593

Error Coefficients

Relative Standard Deviation:	7.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	1.0	0.342394	50.0	513589.0	0.342394	Y
2	STD5 460-969539/17	5.0	1.839154	50.0	533343.0	0.367831	Y
3	STD20 460-969539/18	20.0	7.462644	50.0	526690.0	0.373132	Y
4	STD50 460-969539/19	50.0	18.965642	50.0	566071.0	0.379313	Y
5	STD200 460-969539/7	200.0	75.508869	50.0	587872.0	0.377544	Y
6	STD500 460-969539/8	500.0	157.850635	50.0	634955.0	0.315701	Y



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Calibration / Chlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

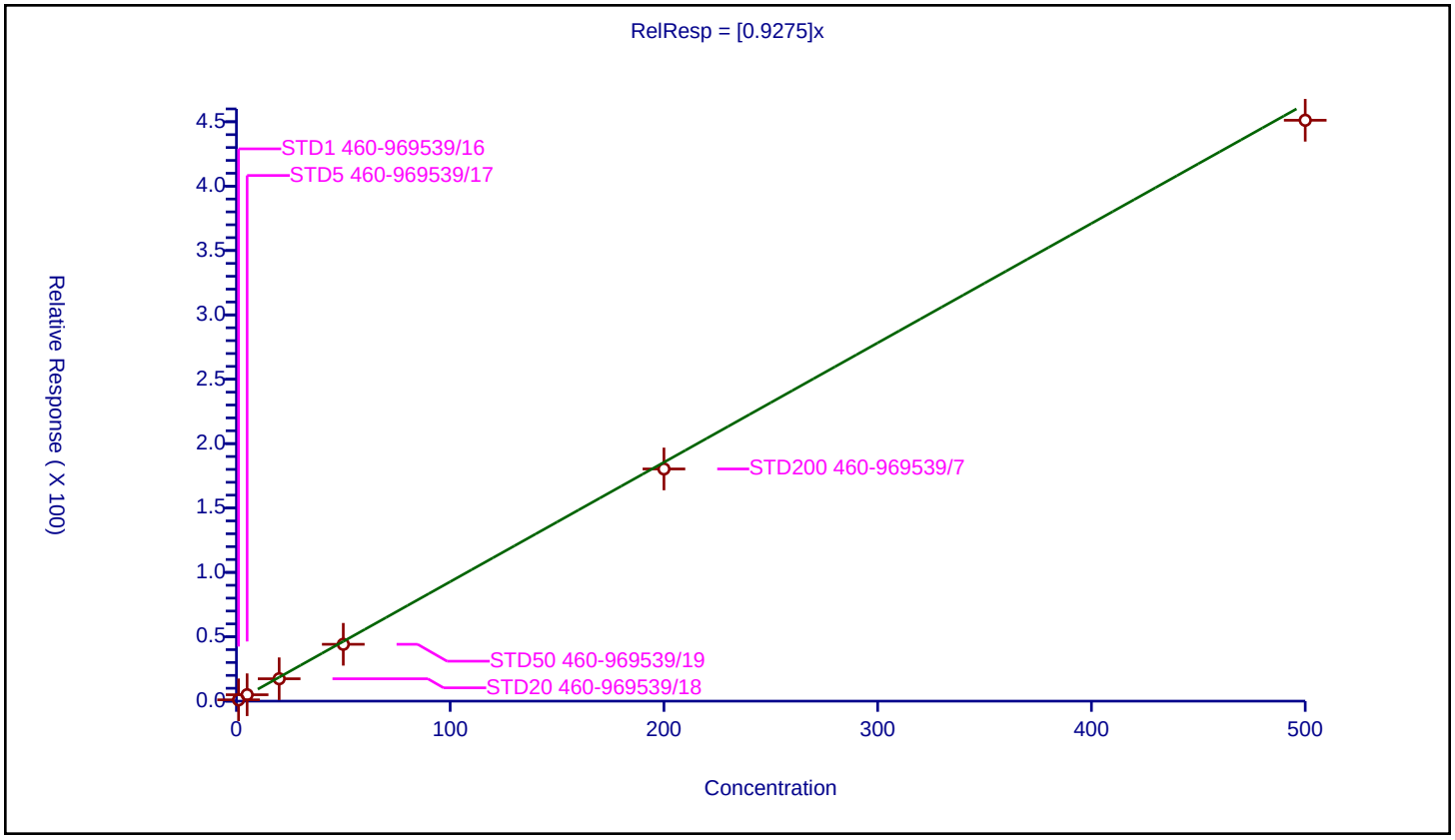
Curve Coefficients

Intercept:	0
Slope:	0.9275

Error Coefficients

Relative Standard Deviation:	6.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	1.0	1.013554	50.0	513589.0	1.013554	Y
2	STD5 460-969539/17	5.0	4.979066	50.0	533343.0	0.995813	Y
3	STD20 460-969539/18	20.0	17.37692	50.0	526690.0	0.868846	Y
4	STD50 460-969539/19	50.0	44.153737	50.0	566071.0	0.883075	Y
5	STD200 460-969539/7	200.0	180.332028	50.0	587872.0	0.90166	Y
6	STD500 460-969539/8	500.0	451.170477	50.0	634955.0	0.902341	Y



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Calibration / 1,1,1,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

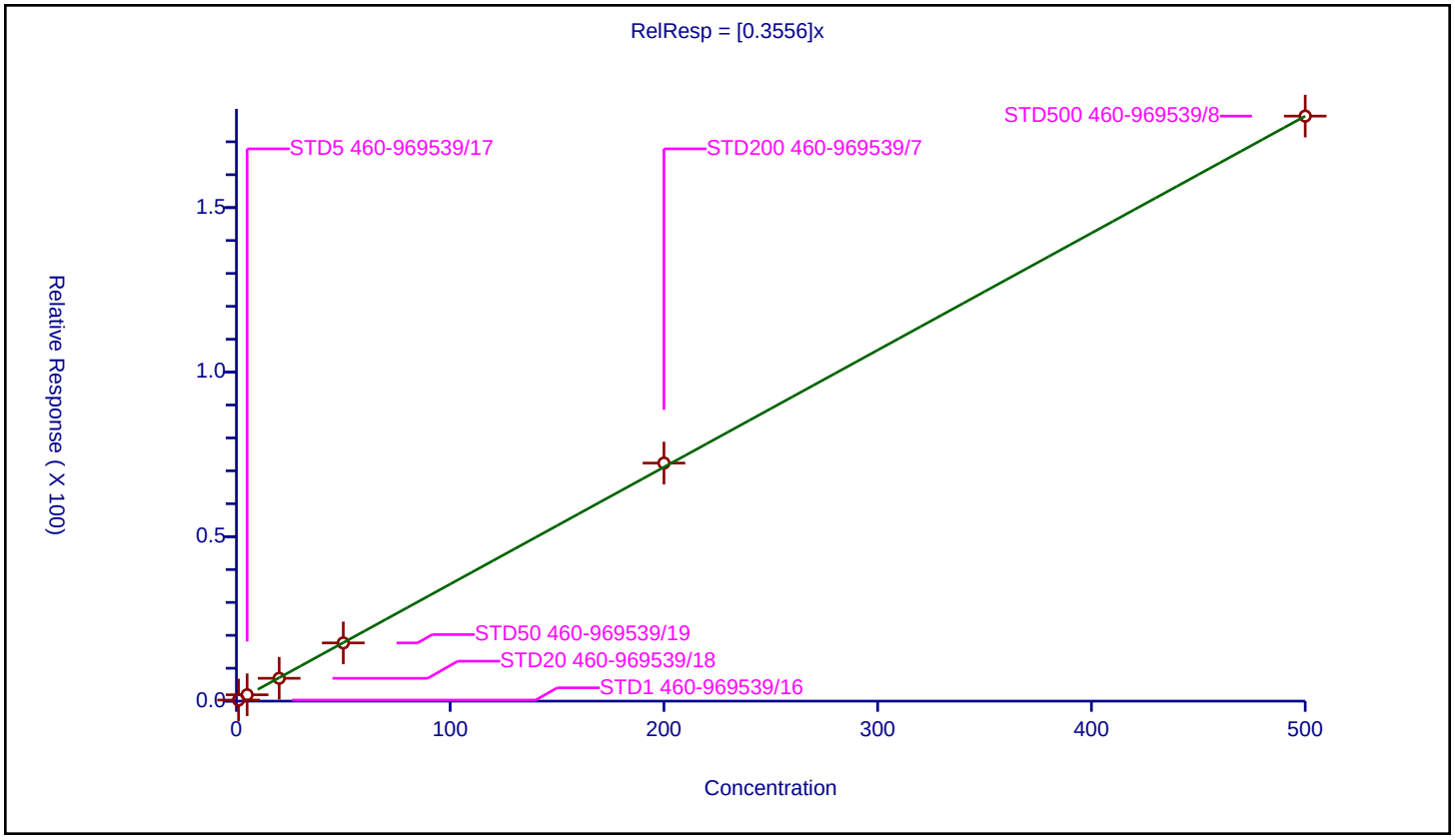
Curve Coefficients

Intercept:	0
Slope:	0.3556

Error Coefficients

Relative Standard Deviation:	5.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	1.0	0.329446	50.0	513589.0	0.329446	Y
2	STD5 460-969539/17	5.0	1.929059	50.0	533343.0	0.385812	Y
3	STD20 460-969539/18	20.0	6.942604	50.0	526690.0	0.34713	Y
4	STD50 460-969539/19	50.0	17.69513	50.0	566071.0	0.353903	Y
5	STD200 460-969539/7	200.0	72.355717	50.0	587872.0	0.361779	Y
6	STD500 460-969539/8	500.0	177.815908	50.0	634955.0	0.355632	Y



Calibration / Ethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

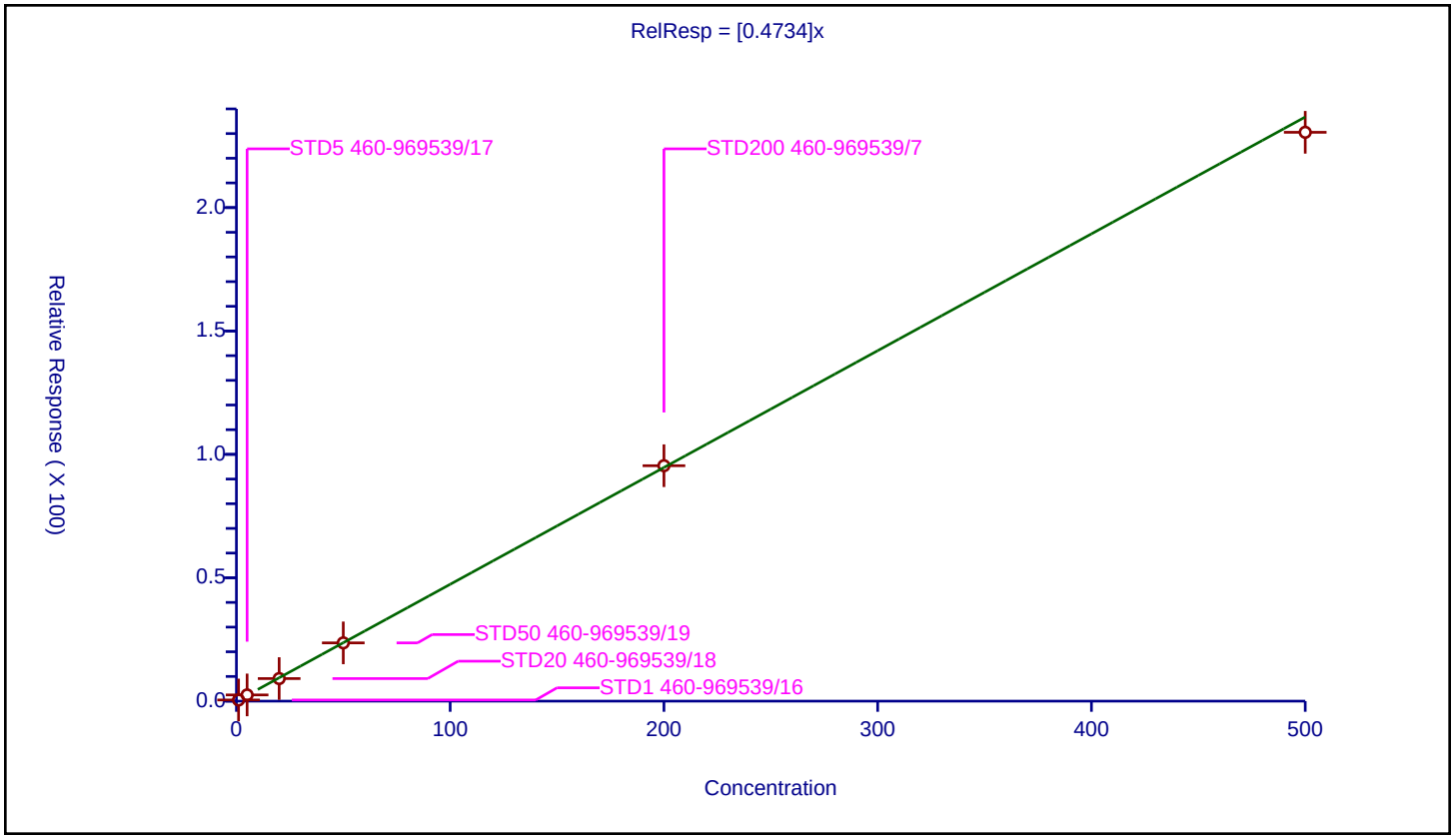
Curve Coefficients

Intercept:	0
Slope:	0.4734

Error Coefficients

Relative Standard Deviation:	3.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	1.0	0.468079	50.0	513589.0	0.468079	Y
2	STD5 460-969539/17	5.0	2.523423	50.0	533343.0	0.504685	Y
3	STD20 460-969539/18	20.0	9.14855	50.0	526690.0	0.457428	Y
4	STD50 460-969539/19	50.0	23.610024	50.0	566071.0	0.4722	Y
5	STD200 460-969539/7	200.0	95.407589	50.0	587872.0	0.477038	Y
6	STD500 460-969539/8	500.0	230.513895	50.0	634955.0	0.461028	Y



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Calibration / m-Xylene & p-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

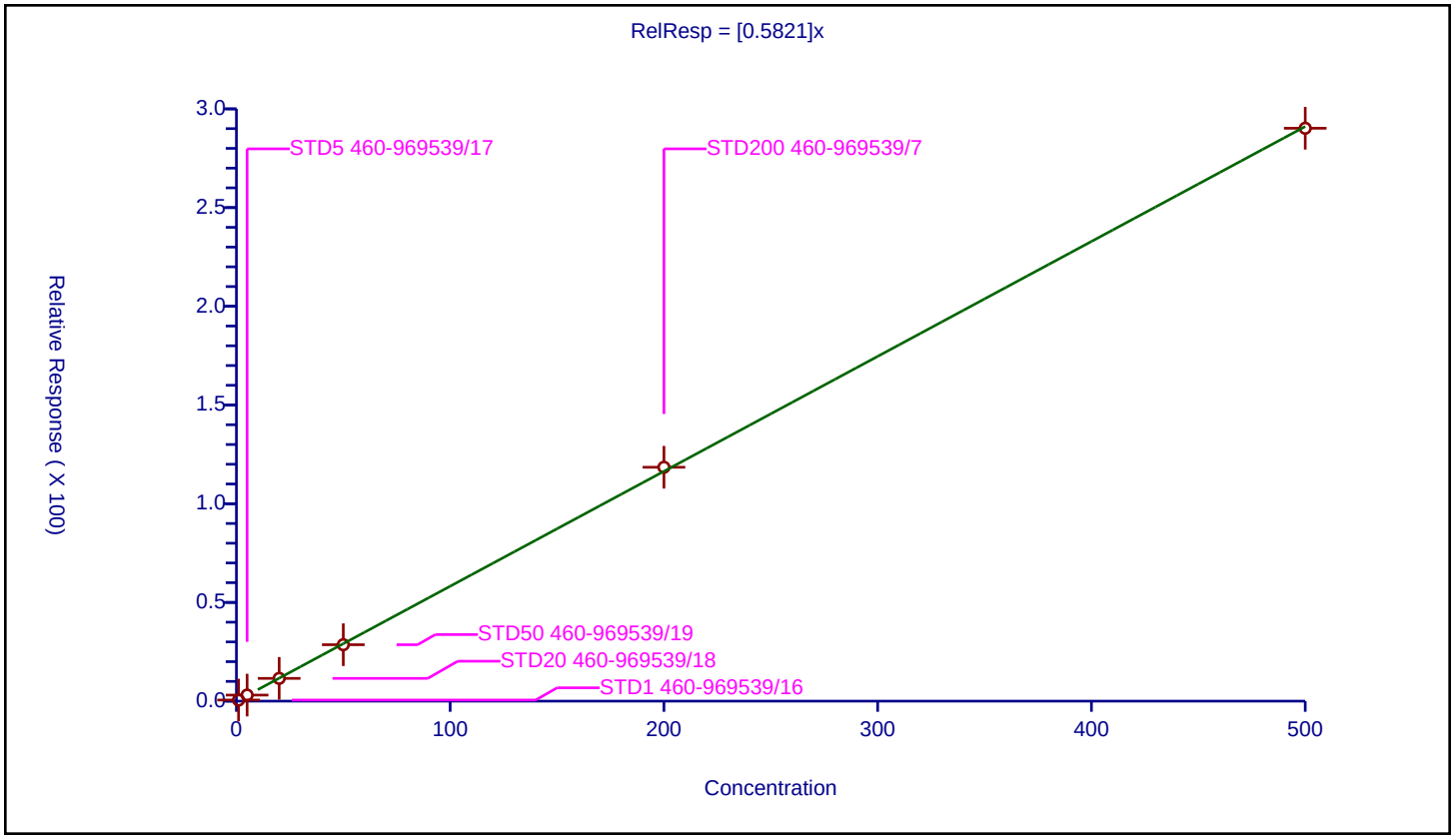
Curve Coefficients

Intercept:	0
Slope:	0.5821

Error Coefficients

Relative Standard Deviation:	3.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	1.0	0.559689	50.0	513589.0	0.559689	Y
2	STD5 460-969539/17	5.0	3.063319	50.0	533343.0	0.612664	Y
3	STD20 460-969539/18	20.0	11.522622	50.0	526690.0	0.576131	Y
4	STD50 460-969539/19	50.0	28.57963	50.0	566071.0	0.571593	Y
5	STD200 460-969539/7	200.0	118.468476	50.0	587872.0	0.592342	Y
6	STD500 460-969539/8	500.0	290.192533	50.0	634955.0	0.580385	Y



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Calibration / o-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

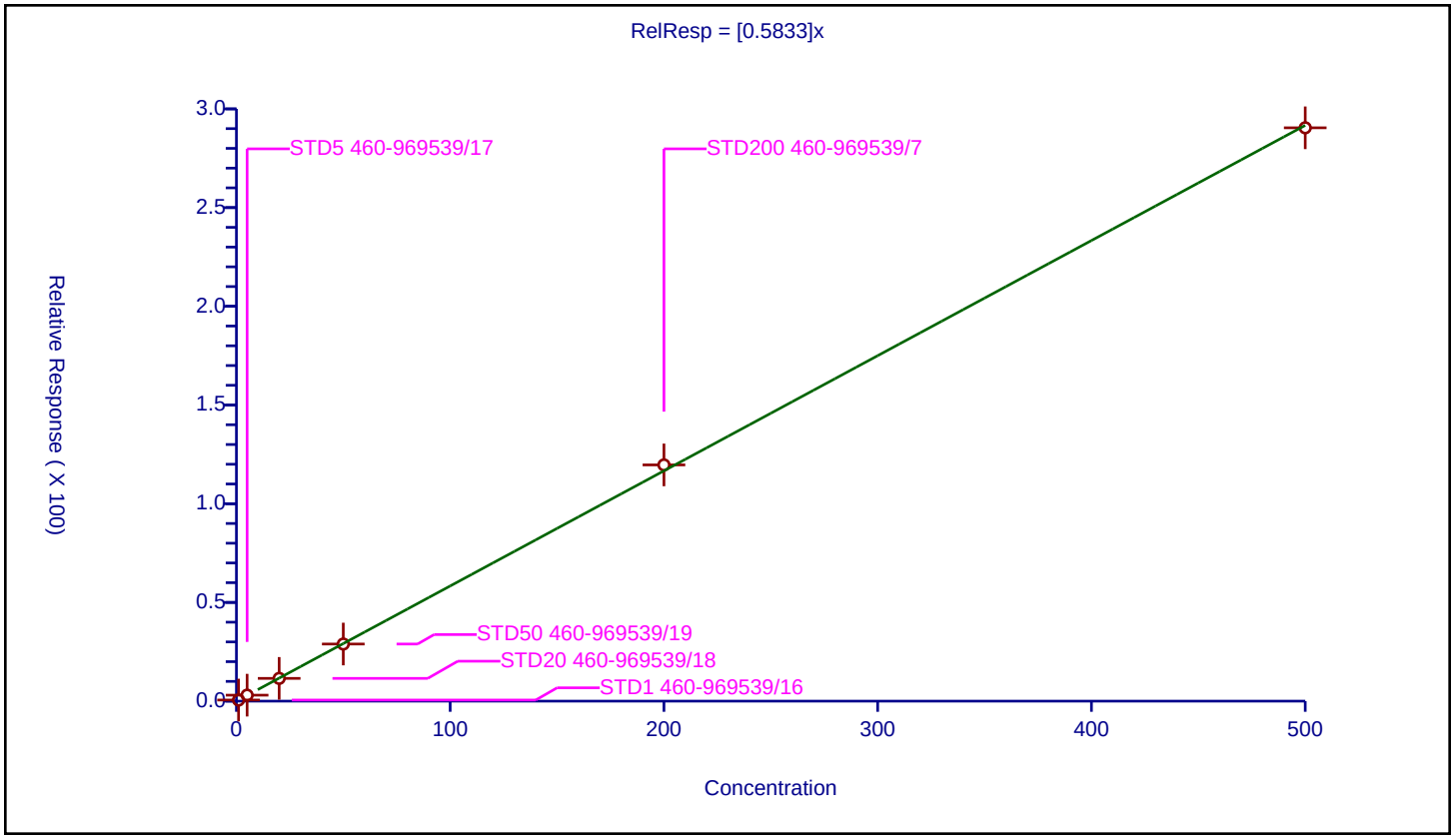
Curve Coefficients

Intercept:	0
Slope:	0.5833

Error Coefficients

Relative Standard Deviation:	2.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	1.0	0.559397	50.0	513589.0	0.559397	Y
2	STD5 460-969539/17	5.0	3.030695	50.0	533343.0	0.606139	Y
3	STD20 460-969539/18	20.0	11.532116	50.0	526690.0	0.576606	Y
4	STD50 460-969539/19	50.0	28.928085	50.0	566071.0	0.578562	Y
5	STD200 460-969539/7	200.0	119.655724	50.0	587872.0	0.598279	Y
6	STD500 460-969539/8	500.0	290.427511	50.0	634955.0	0.580855	Y



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Calibration / Styrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

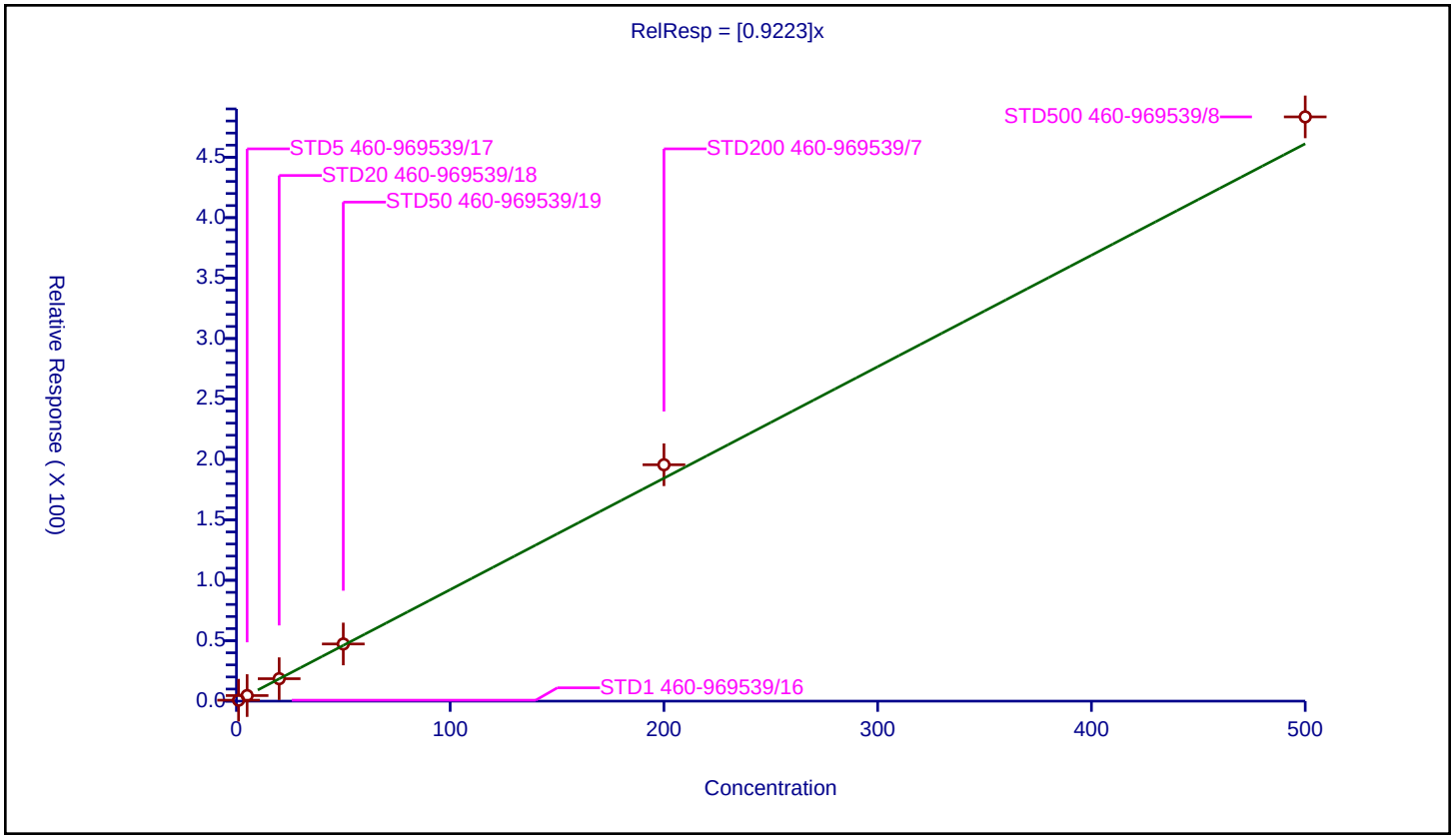
Curve Coefficients

Intercept:	0
Slope:	0.9223

Error Coefficients

Relative Standard Deviation:	7.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	1.0	0.791684	50.0	513589.0	0.791684	Y
2	STD5 460-969539/17	5.0	4.61701	50.0	533343.0	0.923402	Y
3	STD20 460-969539/18	20.0	18.56595	50.0	526690.0	0.928297	Y
4	STD50 460-969539/19	50.0	47.290358	50.0	566071.0	0.945807	Y
5	STD200 460-969539/7	200.0	195.57208	50.0	587872.0	0.97786	Y
6	STD500 460-969539/8	500.0	483.396225	50.0	634955.0	0.966792	Y



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Calibration / n-Butyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

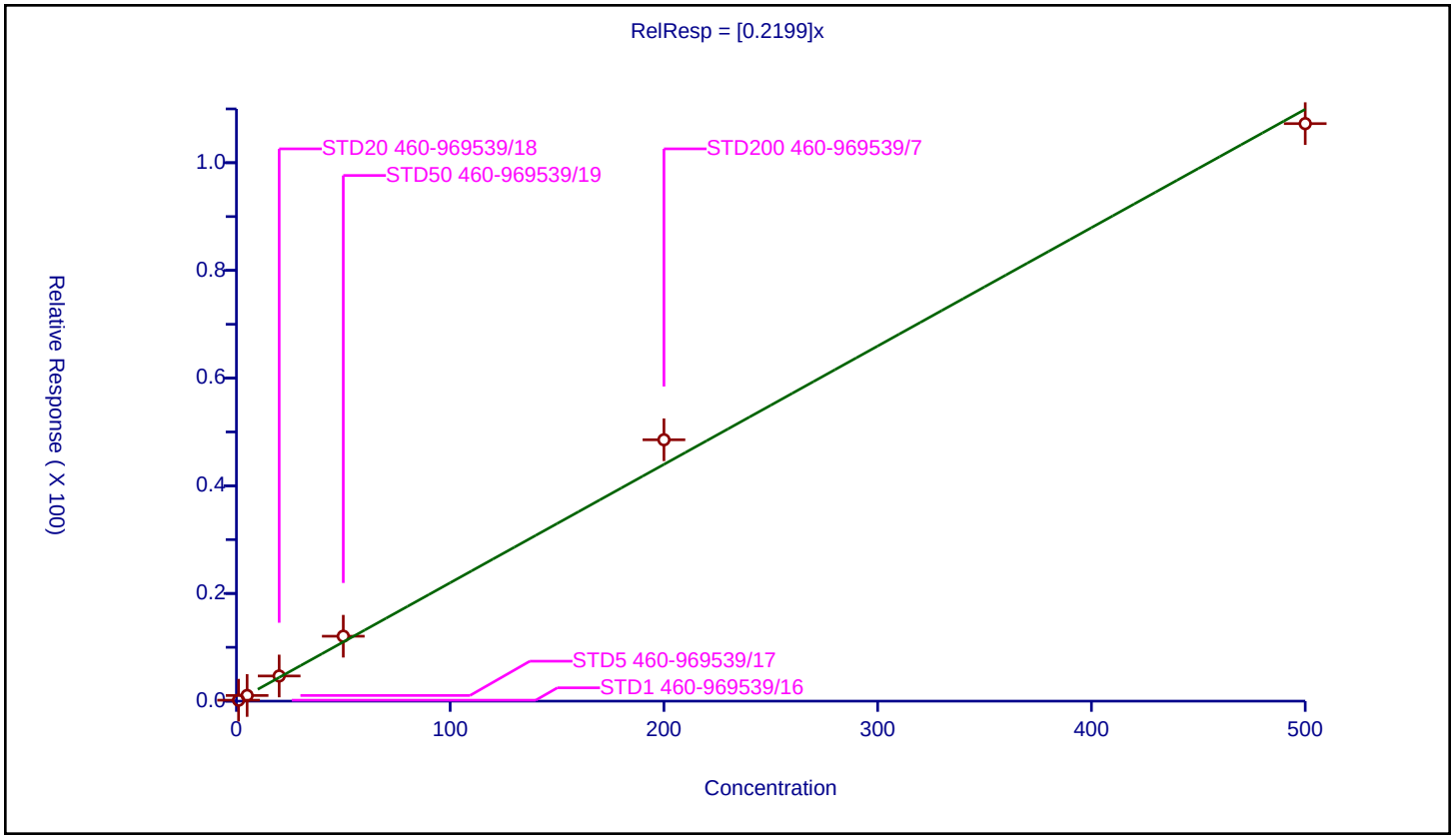
Curve Coefficients

Intercept:	0
Slope:	0.2199

Error Coefficients

Relative Standard Deviation:	11.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	1.0	0.176698	50.0	513589.0	0.176698	Y
2	STD5 460-969539/17	5.0	1.051575	50.0	533343.0	0.210315	Y
3	STD20 460-969539/18	20.0	4.673527	50.0	526690.0	0.233676	Y
4	STD50 460-969539/19	50.0	12.058735	50.0	566071.0	0.241175	Y
5	STD200 460-969539/7	200.0	48.545687	50.0	587872.0	0.242728	Y
6	STD500 460-969539/8	500.0	107.263192	50.0	634955.0	0.214526	Y



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Calibration / Bromoform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

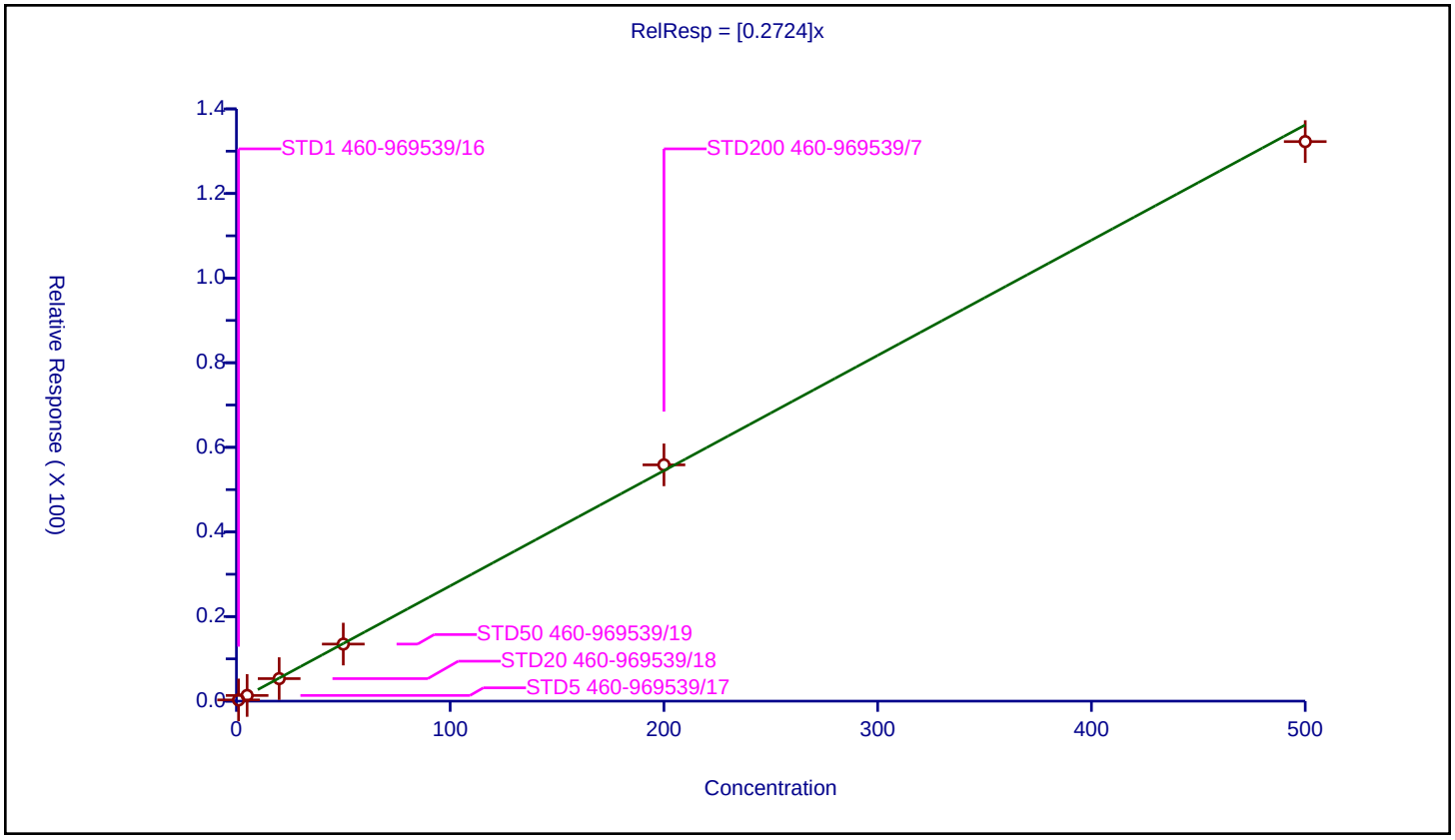
Curve Coefficients

Intercept:	0
Slope:	0.2724

Error Coefficients

Relative Standard Deviation:	3.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	1.0	0.286416	50.0	513589.0	0.286416	Y
2	STD5 460-969539/17	5.0	1.341257	50.0	533343.0	0.268251	Y
3	STD20 460-969539/18	20.0	5.326093	50.0	526690.0	0.266305	Y
4	STD50 460-969539/19	50.0	13.487707	50.0	566071.0	0.269754	Y
5	STD200 460-969539/7	200.0	55.856717	50.0	587872.0	0.279284	Y
6	STD500 460-969539/8	500.0	132.268192	50.0	634955.0	0.264536	Y



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Calibration / Amyl acetate (mixed isomers)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

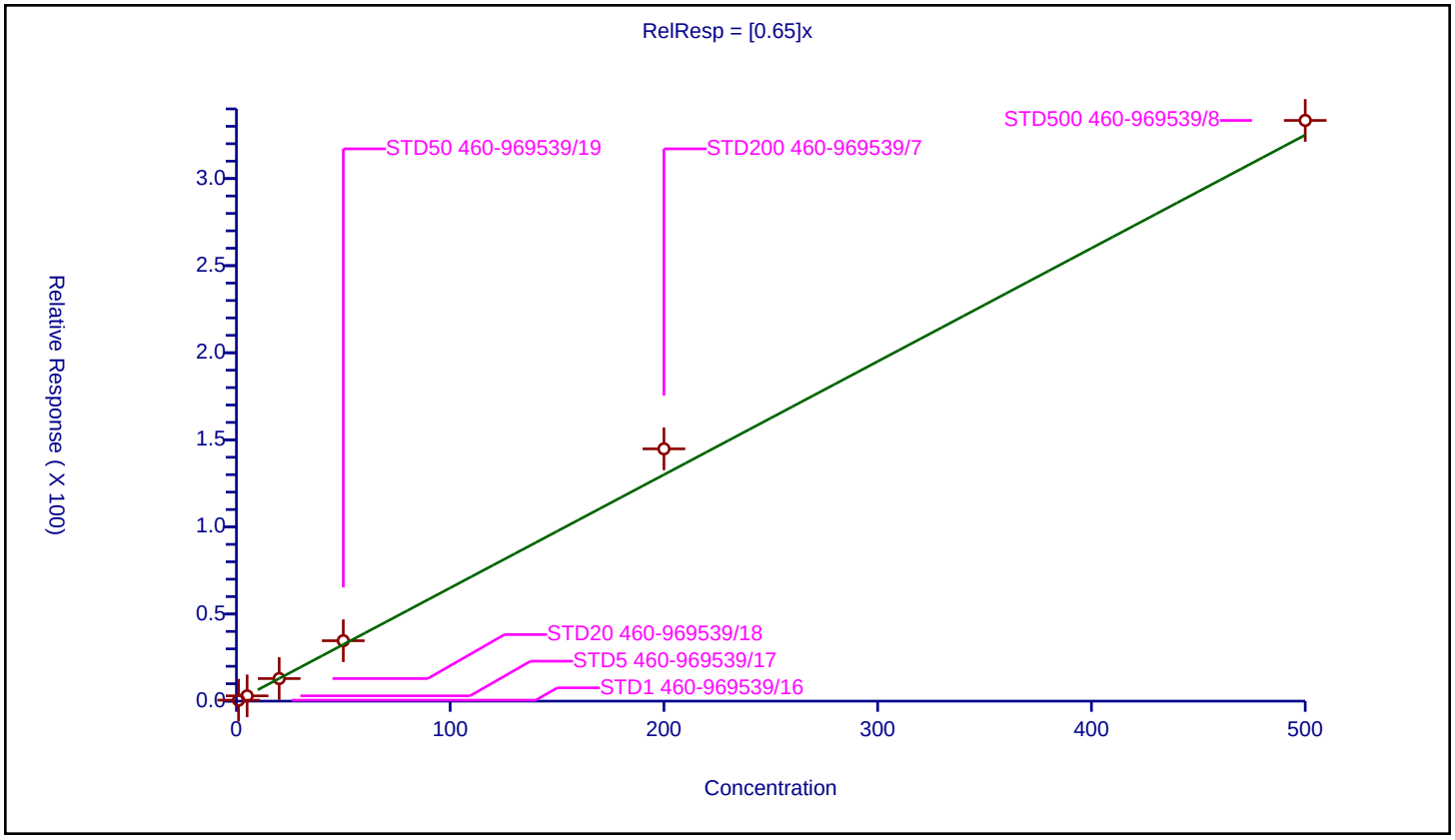
Curve Coefficients

Intercept:	0
Slope:	0.65

Error Coefficients

Relative Standard Deviation:	9.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	1.0	0.561307	50.0	327272.0	0.561307	Y
2	STD5 460-969539/17	5.0	3.032403	50.0	348420.0	0.606481	Y
3	STD20 460-969539/18	20.0	12.956225	50.0	342183.0	0.647811	Y
4	STD50 460-969539/19	50.0	34.686196	50.0	354138.0	0.693724	Y
5	STD200 460-969539/7	200.0	144.836329	50.0	351223.0	0.724182	Y
6	STD500 460-969539/8	500.0	333.371742	50.0	356691.0	0.666743	Y



Calibration / Isopropylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

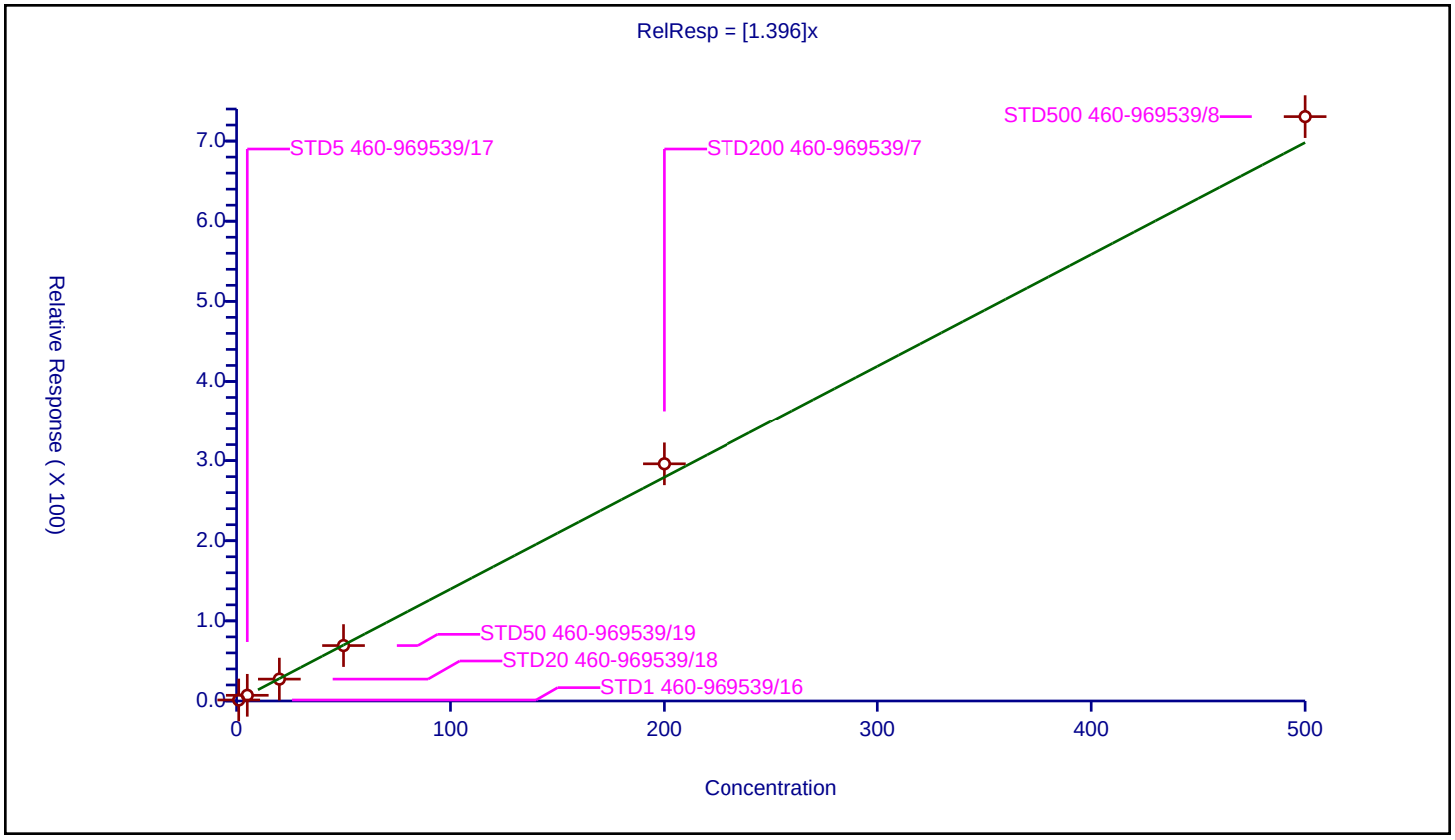
Curve Coefficients

Intercept:	0
Slope:	1.396

Error Coefficients

Relative Standard Deviation:	5.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	1.0	1.26424	50.0	513589.0	1.26424	Y
2	STD5 460-969539/17	5.0	7.121121	50.0	533343.0	1.424224	Y
3	STD20 460-969539/18	20.0	27.289202	50.0	526690.0	1.36446	Y
4	STD50 460-969539/19	50.0	69.174538	50.0	566071.0	1.383491	Y
5	STD200 460-969539/7	200.0	296.000235	50.0	587872.0	1.480001	Y
6	STD500 460-969539/8	500.0	730.5098	50.0	634955.0	1.46102	Y



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Calibration / 4-Bromofluorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

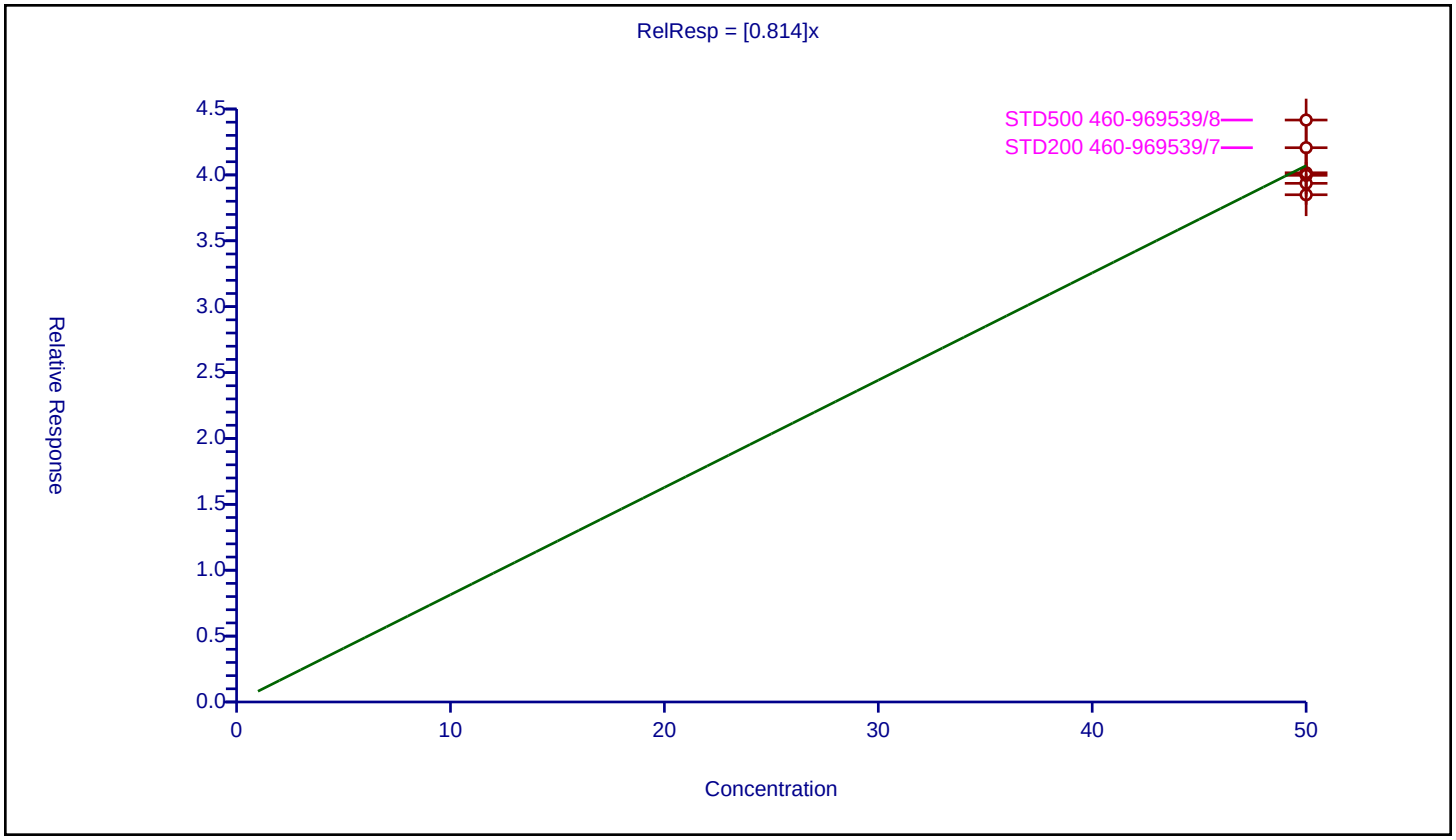
Curve Coefficients

Intercept:	0
Slope:	0.814

Error Coefficients

Relative Standard Deviation:	5.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD200 460-969539/7	50.0	42.064443	50.0	351223.0	0.841289	Y
2	STD500 460-969539/8	50.0	44.165118	50.0	356691.0	0.883302	Y
3	STD1 460-969539/16	50.0	39.967825	50.0	327272.0	0.799356	Y
4	STD5 460-969539/17	50.0	38.494059	50.0	348420.0	0.769881	Y
5	STD20 460-969539/18	50.0	39.360371	50.0	342183.0	0.787207	Y
6	STD50 460-969539/19	50.0	40.160333	50.0	354138.0	0.803207	Y



Calibration / Bromobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

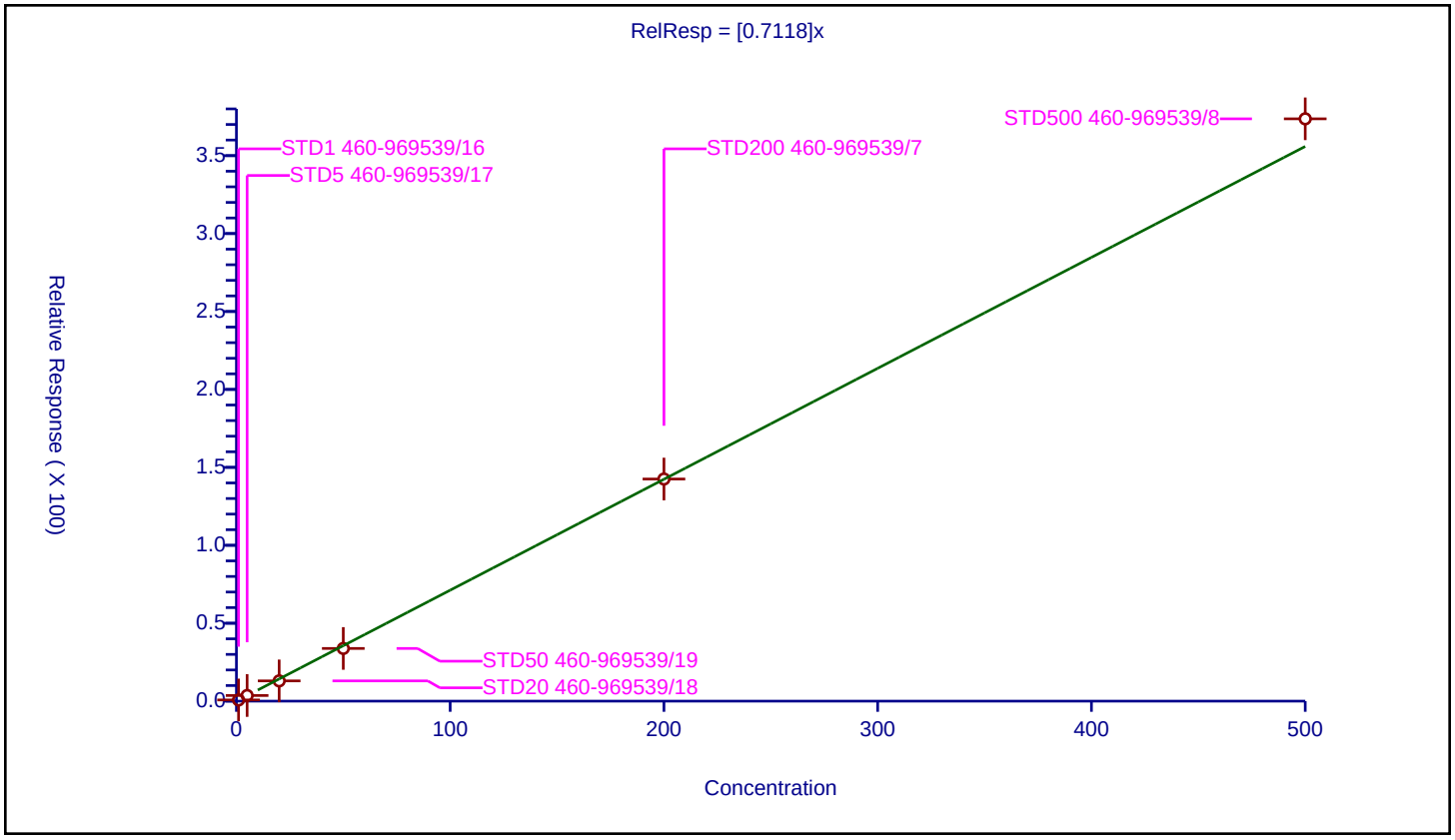
Curve Coefficients

Intercept:	0
Slope:	0.7118

Error Coefficients

Relative Standard Deviation:	6.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	1.0	0.762363	50.0	327272.0	0.762363	Y
2	STD5 460-969539/17	5.0	3.612881	50.0	348420.0	0.722576	Y
3	STD20 460-969539/18	20.0	12.998454	50.0	342183.0	0.649923	Y
4	STD50 460-969539/19	50.0	33.808854	50.0	354138.0	0.676177	Y
5	STD200 460-969539/7	200.0	142.516435	50.0	351223.0	0.712582	Y
6	STD500 460-969539/8	500.0	373.623528	50.0	356691.0	0.747247	Y



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Calibration / 1,1,2,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

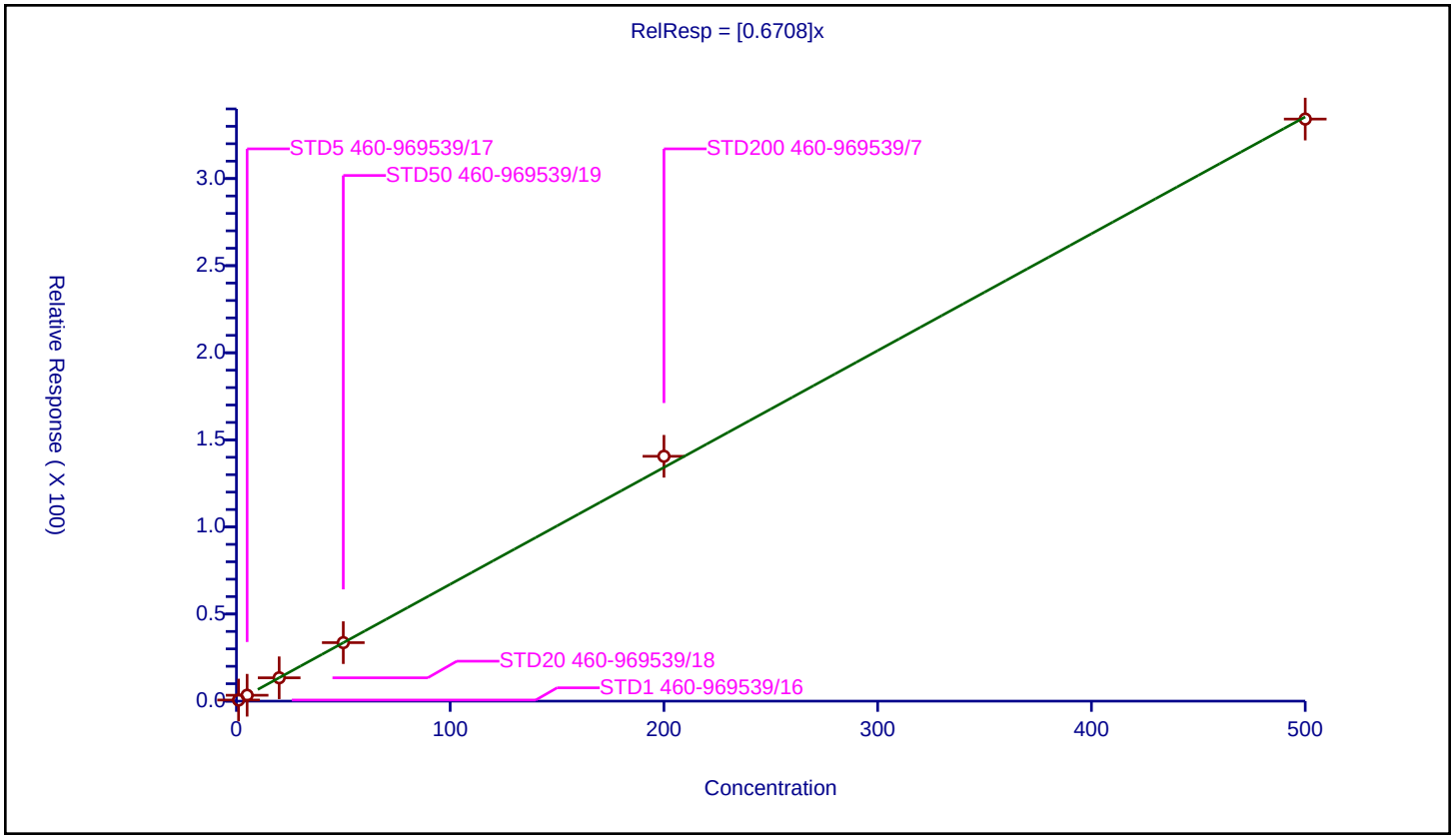
Curve Coefficients

Intercept:	0
Slope:	0.6708

Error Coefficients

Relative Standard Deviation:	3.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	1.0	0.634946	50.0	327272.0	0.634946	Y
2	STD5 460-969539/17	5.0	3.385426	50.0	348420.0	0.677085	Y
3	STD20 460-969539/18	20.0	13.396487	50.0	342183.0	0.669824	Y
4	STD50 460-969539/19	50.0	33.585777	50.0	354138.0	0.671716	Y
5	STD200 460-969539/7	200.0	140.572229	50.0	351223.0	0.702861	Y
6	STD500 460-969539/8	500.0	334.161361	50.0	356691.0	0.668323	Y



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Calibration / 1,2,3-Trichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

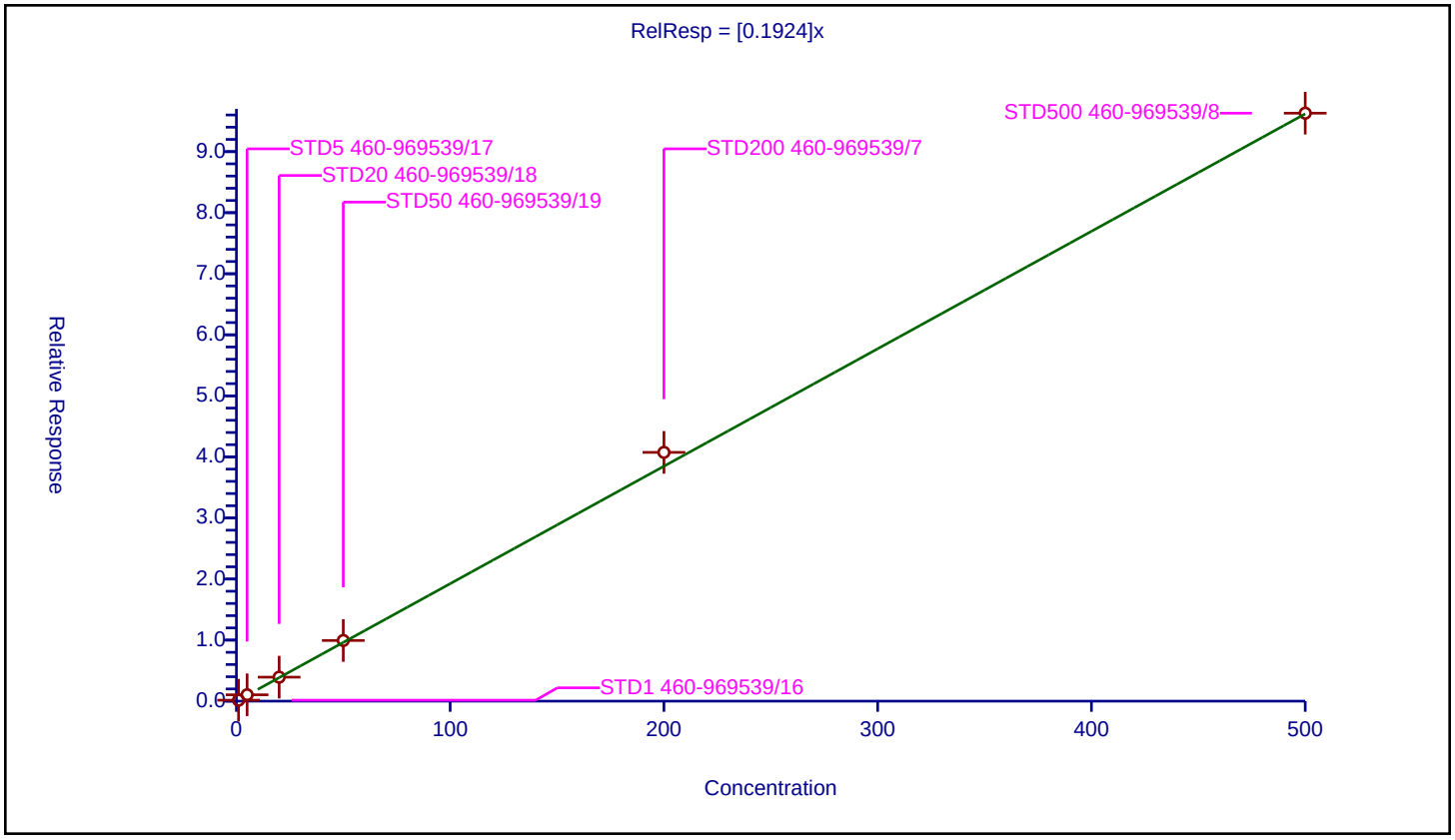
Curve Coefficients

Intercept:	0
Slope:	0.1924

Error Coefficients

Relative Standard Deviation:	10.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	1.0	0.154459	50.0	327272.0	0.154459	Y
2	STD5 460-969539/17	5.0	1.04199	50.0	348420.0	0.208398	Y
3	STD20 460-969539/18	20.0	3.927869	50.0	342183.0	0.196393	Y
4	STD50 460-969539/19	50.0	9.935957	50.0	354138.0	0.198719	Y
5	STD200 460-969539/7	200.0	40.743488	50.0	351223.0	0.203717	Y
6	STD500 460-969539/8	500.0	96.296655	50.0	356691.0	0.192593	Y



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Calibration / trans-1,4-Dichloro-2-butene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

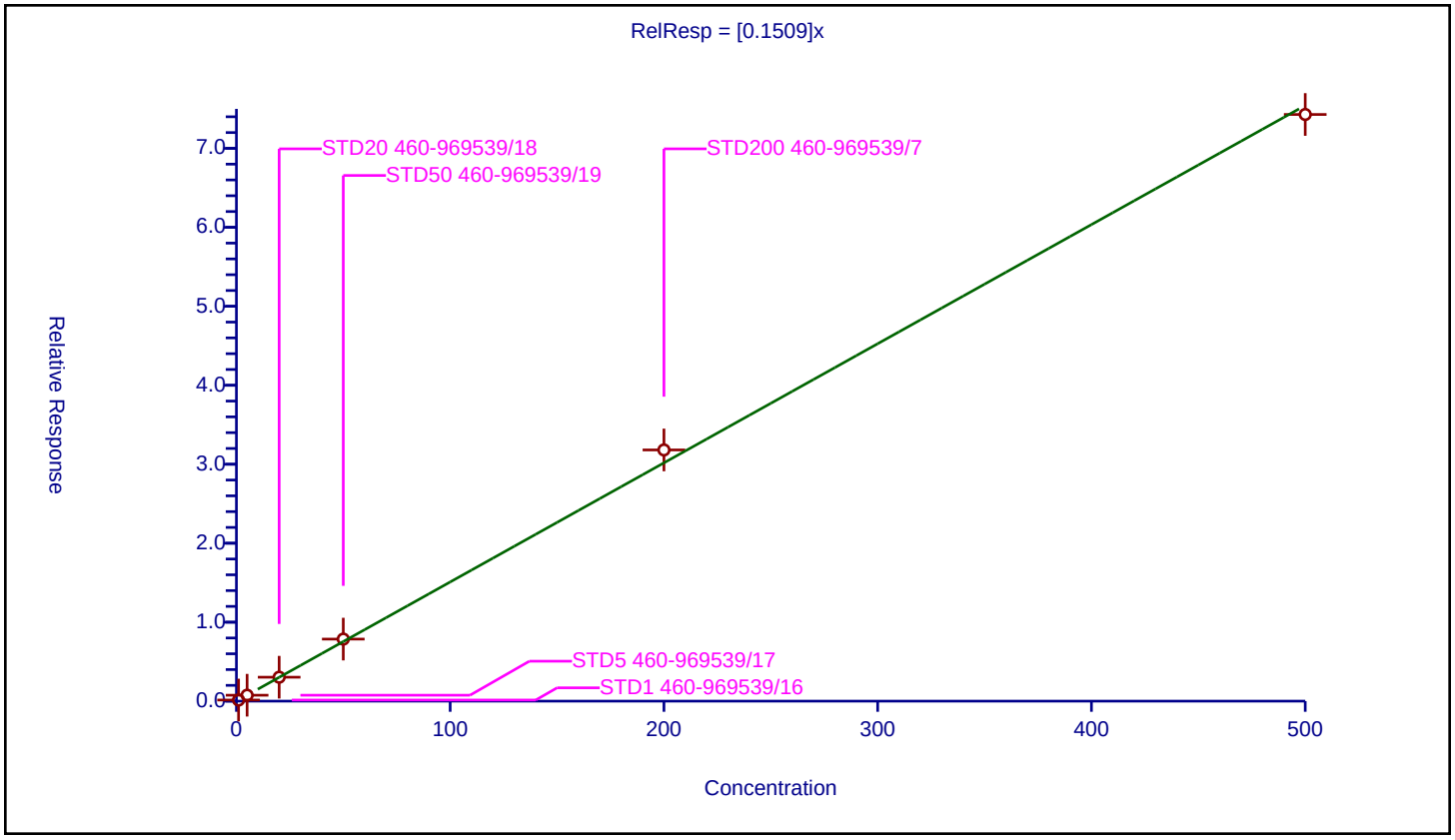
Curve Coefficients

Intercept:	0
Slope:	0.1509

Error Coefficients

Relative Standard Deviation:	4.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	1.0	0.139028	50.0	327272.0	0.139028	Y
2	STD5 460-969539/17	5.0	0.74967	50.0	348420.0	0.149934	Y
3	STD20 460-969539/18	20.0	3.029812	50.0	342183.0	0.151491	Y
4	STD50 460-969539/19	50.0	7.856542	50.0	354138.0	0.157131	Y
5	STD200 460-969539/7	200.0	31.812125	50.0	351223.0	0.159061	Y
6	STD500 460-969539/8	500.0	74.291193	50.0	356691.0	0.148582	Y



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Calibration / N-Propylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

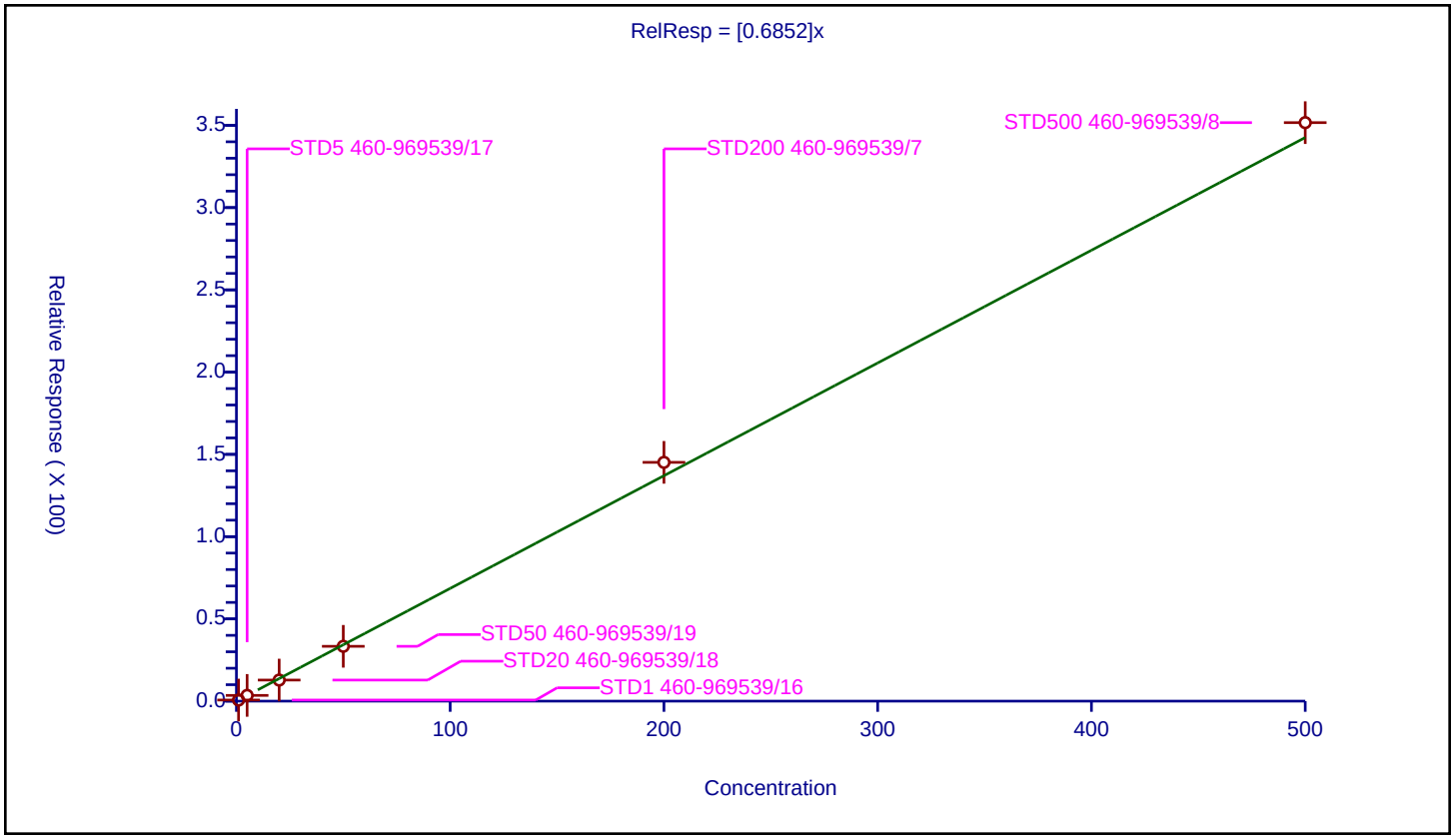
Curve Coefficients

Intercept:	0
Slope:	0.6852

Error Coefficients

Relative Standard Deviation:	4.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	1.0	0.678029	50.0	327272.0	0.678029	Y
2	STD5 460-969539/17	5.0	3.482866	50.0	348420.0	0.696573	Y
3	STD20 460-969539/18	20.0	12.815949	50.0	342183.0	0.640797	Y
4	STD50 460-969539/19	50.0	33.332486	50.0	354138.0	0.66665	Y
5	STD200 460-969539/7	200.0	145.150375	50.0	351223.0	0.725752	Y
6	STD500 460-969539/8	500.0	351.645822	50.0	356691.0	0.703292	Y



Calibration / 2-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

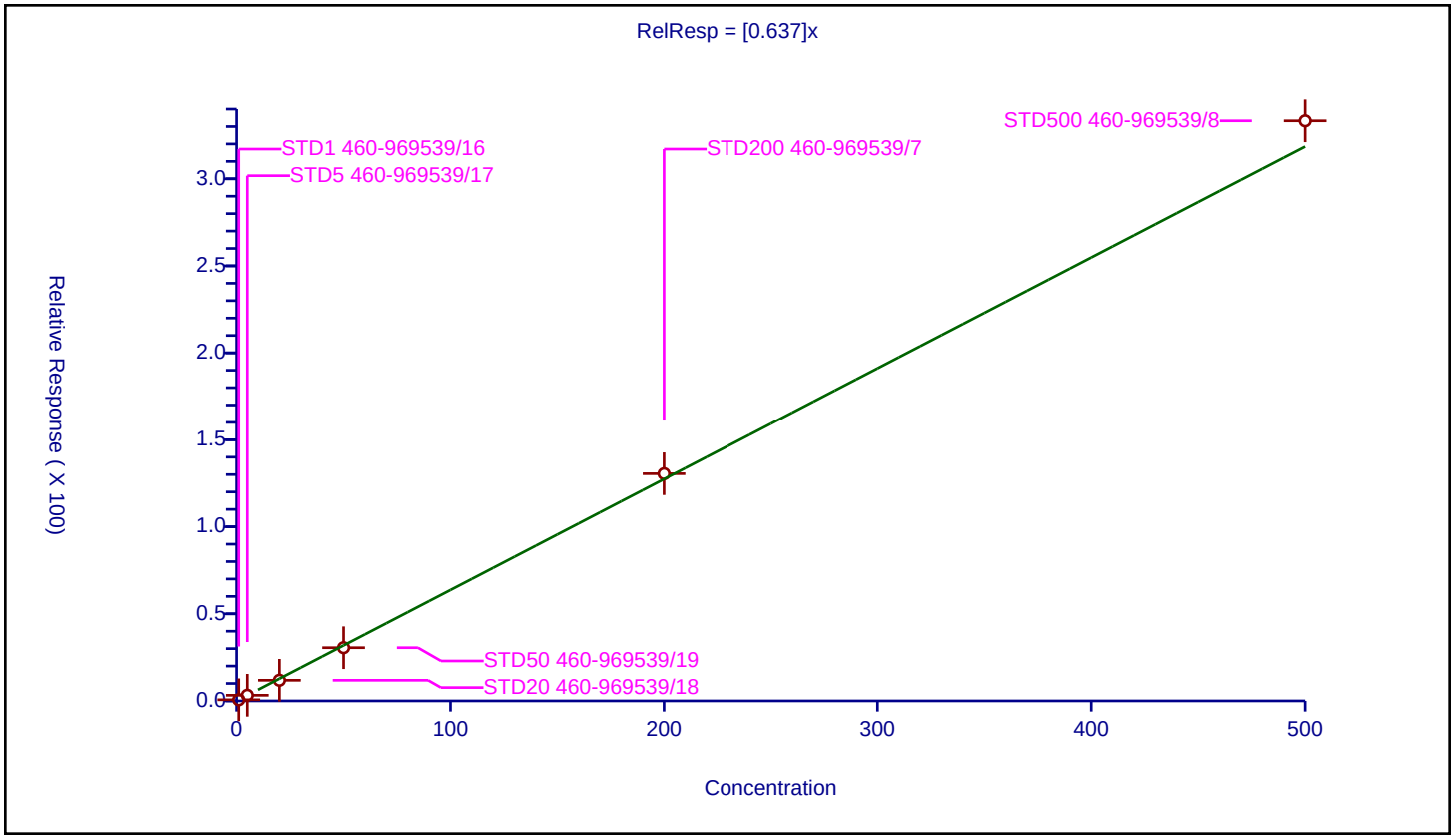
Curve Coefficients

Intercept:	0
Slope:	0.637

Error Coefficients

Relative Standard Deviation:	4.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	1.0	0.653738	50.0	327272.0	0.653738	Y
2	STD5 460-969539/17	5.0	3.232162	50.0	348420.0	0.646432	Y
3	STD20 460-969539/18	20.0	11.838841	50.0	342183.0	0.591942	Y
4	STD50 460-969539/19	50.0	30.544166	50.0	354138.0	0.610883	Y
5	STD200 460-969539/7	200.0	130.502843	50.0	351223.0	0.652514	Y
6	STD500 460-969539/8	500.0	333.279786	50.0	356691.0	0.66656	Y



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Calibration / 4-Ethyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

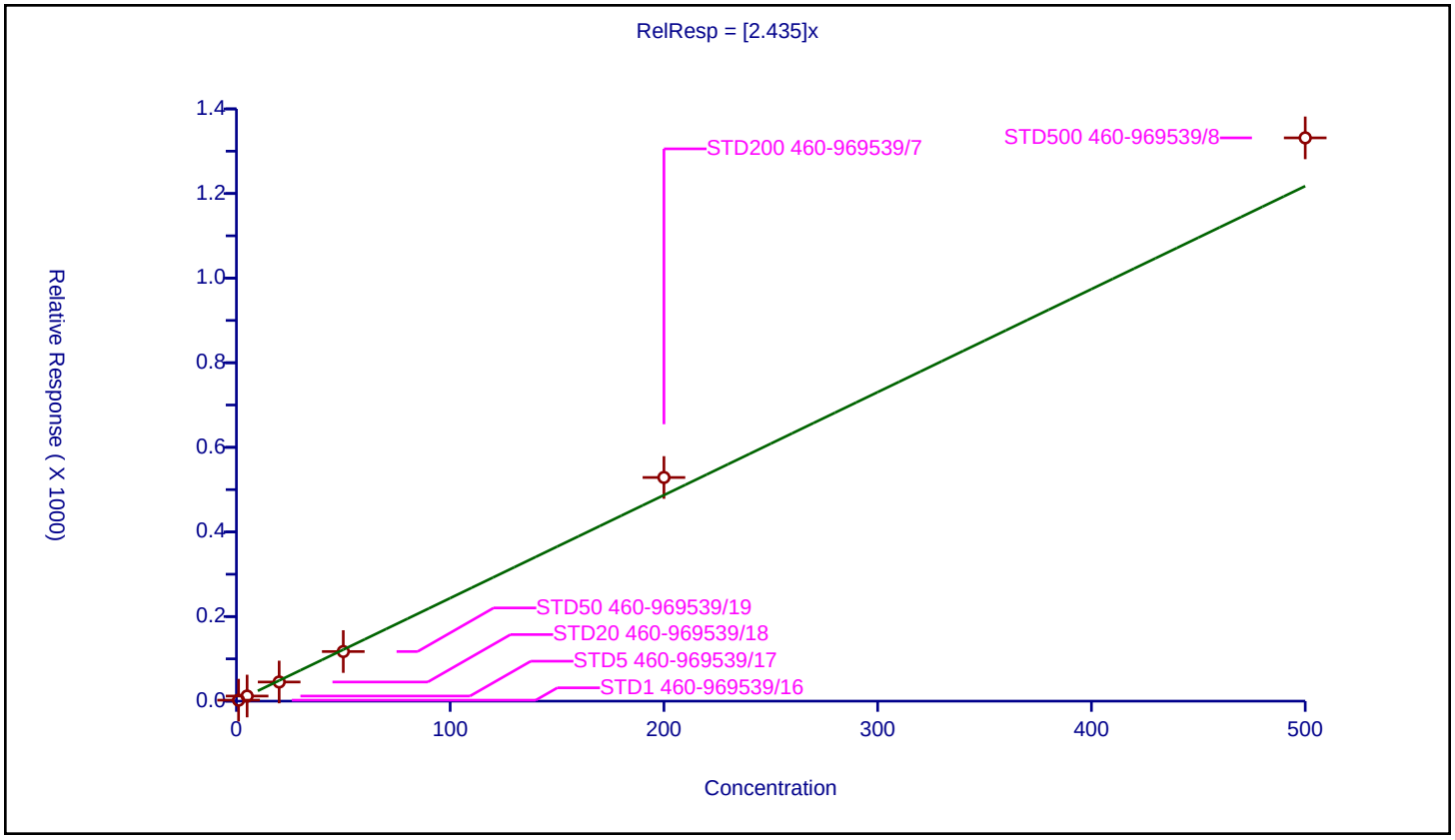
Curve Coefficients

Intercept:	0
Slope:	2.435

Error Coefficients

Relative Standard Deviation:	7.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	1.0	2.278838	50.0	327272.0	2.278838	Y
2	STD5 460-969539/17	5.0	12.078239	50.0	348420.0	2.415648	Y
3	STD20 460-969539/18	20.0	45.2597	50.0	342183.0	2.262985	Y
4	STD50 460-969539/19	50.0	117.270668	50.0	354138.0	2.345413	Y
5	STD200 460-969539/7	200.0	528.719218	50.0	351223.0	2.643596	Y
6	STD500 460-969539/8	500.0	1331.480329	50.0	356691.0	2.662961	Y



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Calibration / 4-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

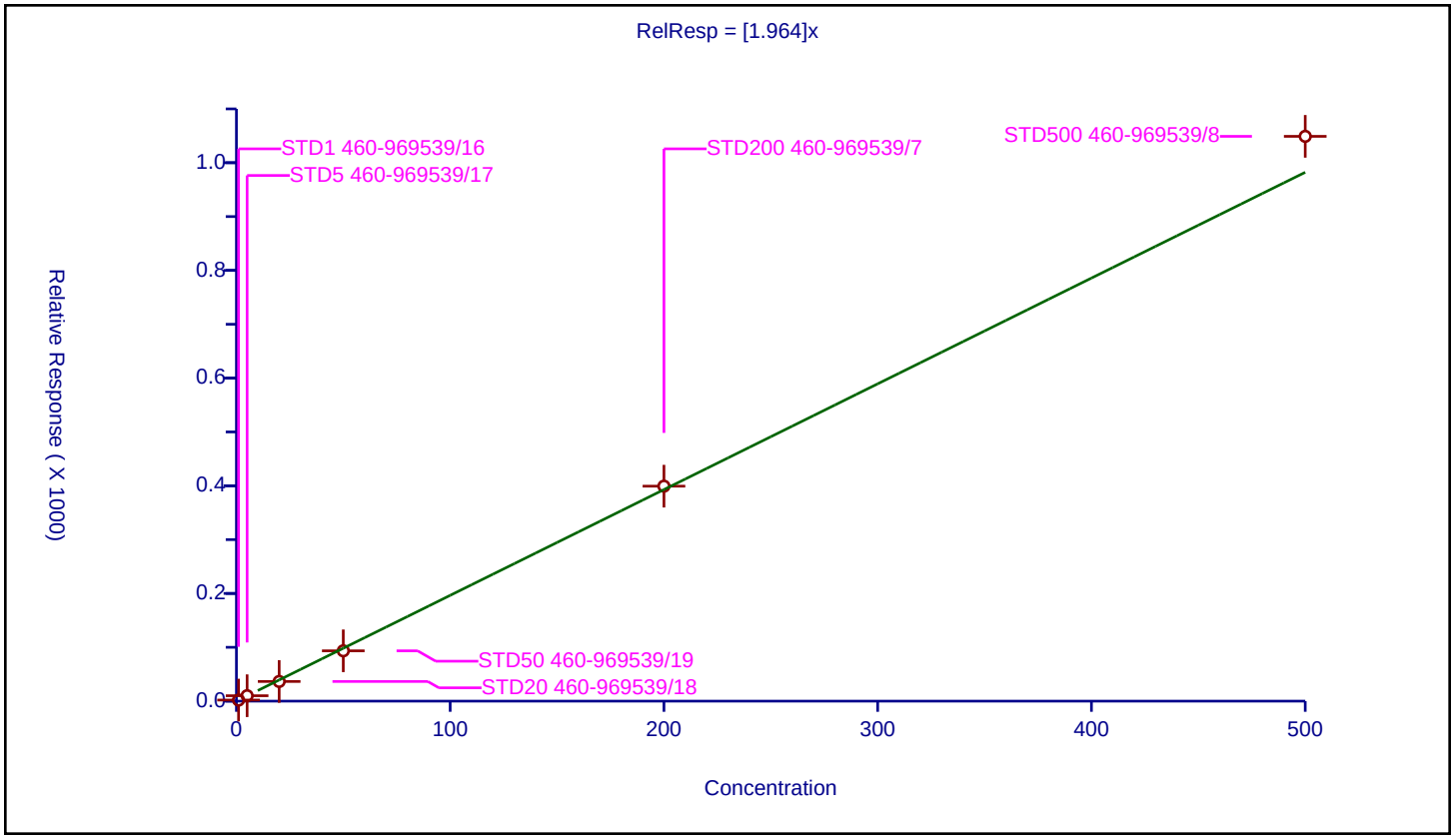
Curve Coefficients

Intercept:	0
Slope:	1.964

Error Coefficients

Relative Standard Deviation:	5.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	1.0	1.985963	50.0	327272.0	1.985963	Y
2	STD5 460-969539/17	5.0	10.049509	50.0	348420.0	2.009902	Y
3	STD20 460-969539/18	20.0	36.537759	50.0	342183.0	1.826888	Y
4	STD50 460-969539/19	50.0	93.462012	50.0	354138.0	1.86924	Y
5	STD200 460-969539/7	200.0	399.301299	50.0	351223.0	1.996506	Y
6	STD500 460-969539/8	500.0	1048.989882	50.0	356691.0	2.09798	Y



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Calibration / 1,3,5-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

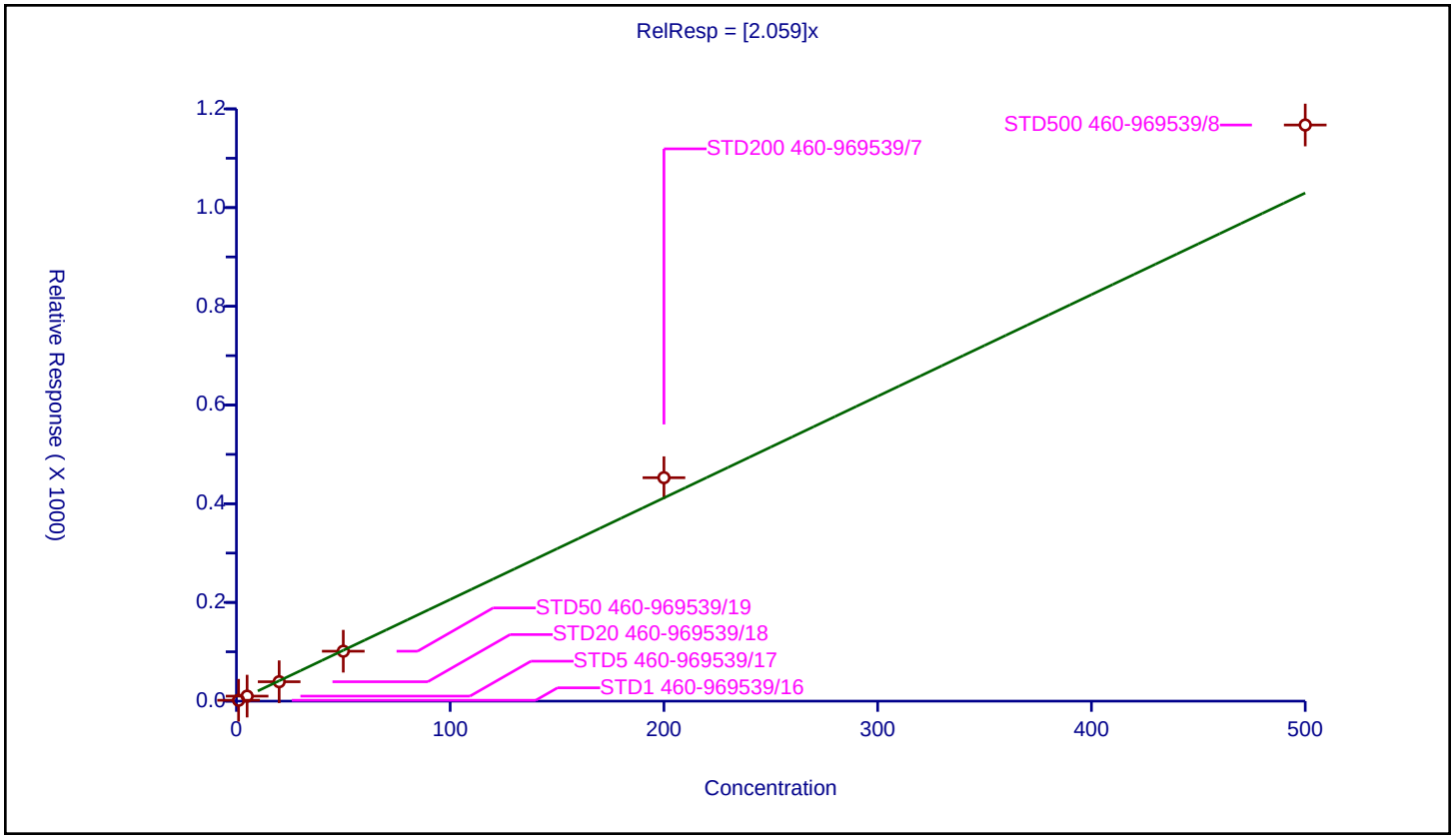
Curve Coefficients

Intercept:	0
Slope:	2.059

Error Coefficients

Relative Standard Deviation:	10.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	1.0	1.730365	50.0	327272.0	1.730365	Y
2	STD5 460-969539/17	5.0	10.183543	50.0	348420.0	2.036709	Y
3	STD20 460-969539/18	20.0	39.320042	50.0	342183.0	1.966002	Y
4	STD50 460-969539/19	50.0	101.155341	50.0	354138.0	2.023107	Y
5	STD200 460-969539/7	200.0	452.751813	50.0	351223.0	2.263759	Y
6	STD500 460-969539/8	500.0	1167.346667	50.0	356691.0	2.334693	Y



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Calibration / Butyl Methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

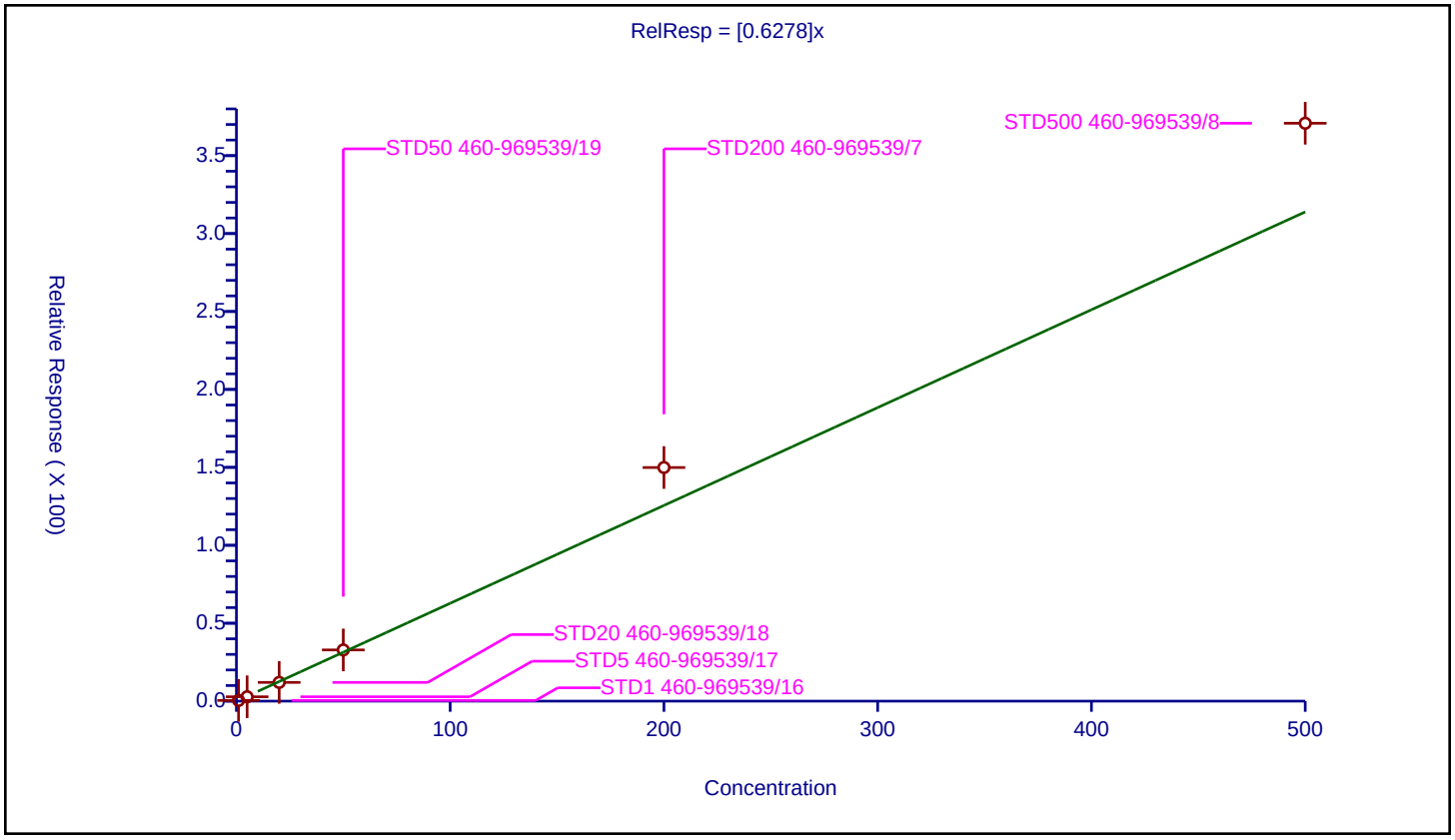
Curve Coefficients

Intercept:	0
Slope:	0.6278

Error Coefficients

Relative Standard Deviation:	17.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	1.0	0.459709	50.0	327272.0	0.459709	Y
2	STD5 460-969539/17	5.0	2.789163	50.0	348420.0	0.557833	Y
3	STD20 460-969539/18	20.0	12.027044	50.0	342183.0	0.601352	Y
4	STD50 460-969539/19	50.0	32.846517	50.0	354138.0	0.65693	Y
5	STD200 460-969539/7	200.0	149.889102	50.0	351223.0	0.749446	Y
6	STD500 460-969539/8	500.0	370.792787	50.0	356691.0	0.741586	Y



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Calibration / tert-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

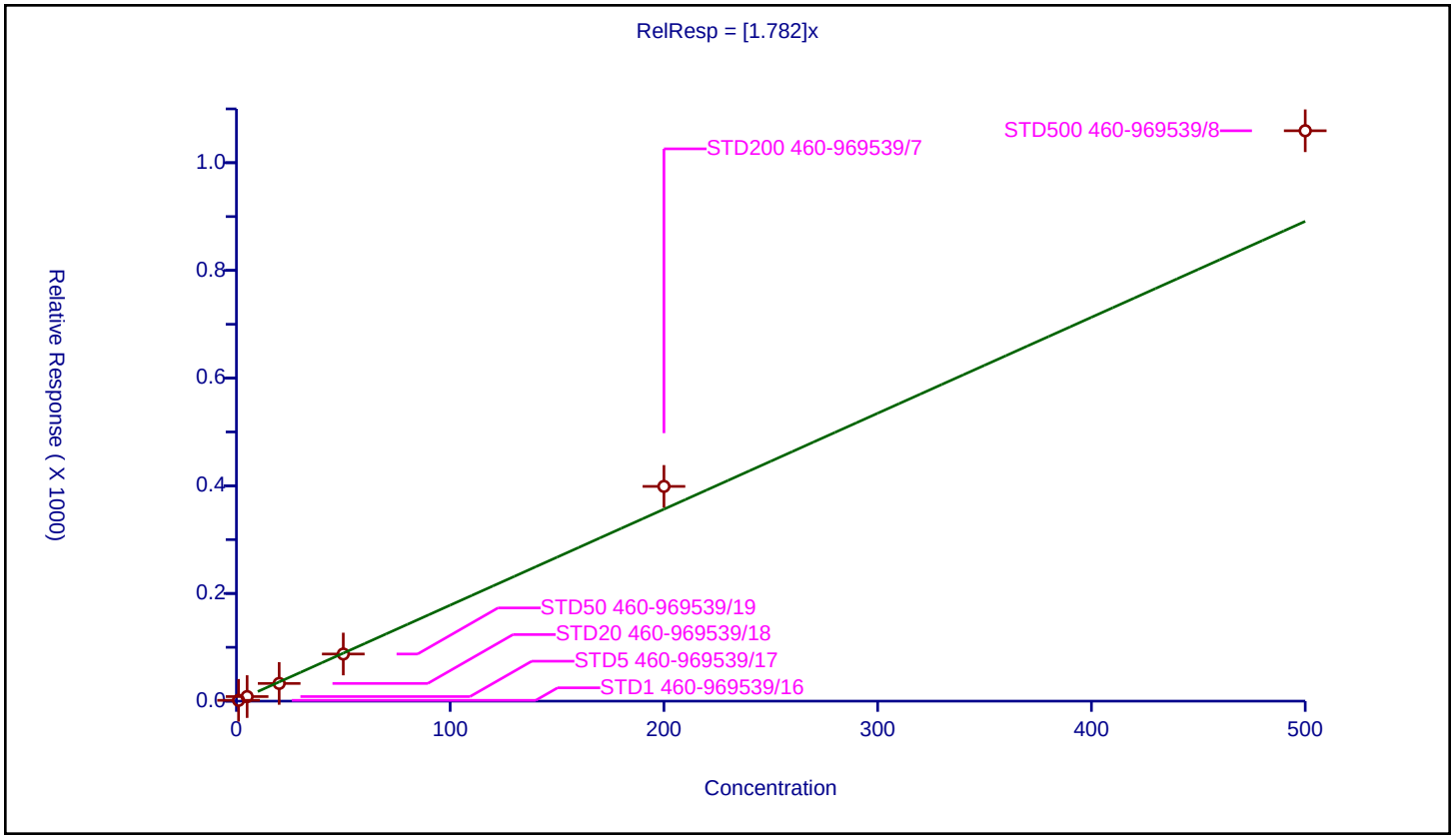
Curve Coefficients

Intercept:	0
Slope:	1.782

Error Coefficients

Relative Standard Deviation:	13.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	1.0	1.488517	50.0	327272.0	1.488517	Y
2	STD5 460-969539/17	5.0	8.487458	50.0	348420.0	1.697492	Y
3	STD20 460-969539/18	20.0	32.882259	50.0	342183.0	1.644113	Y
4	STD50 460-969539/19	50.0	87.547651	50.0	354138.0	1.750953	Y
5	STD200 460-969539/7	200.0	398.854716	50.0	351223.0	1.994274	Y
6	STD500 460-969539/8	500.0	1059.396228	50.0	356691.0	2.118792	Y



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Calibration / 1,2,4-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

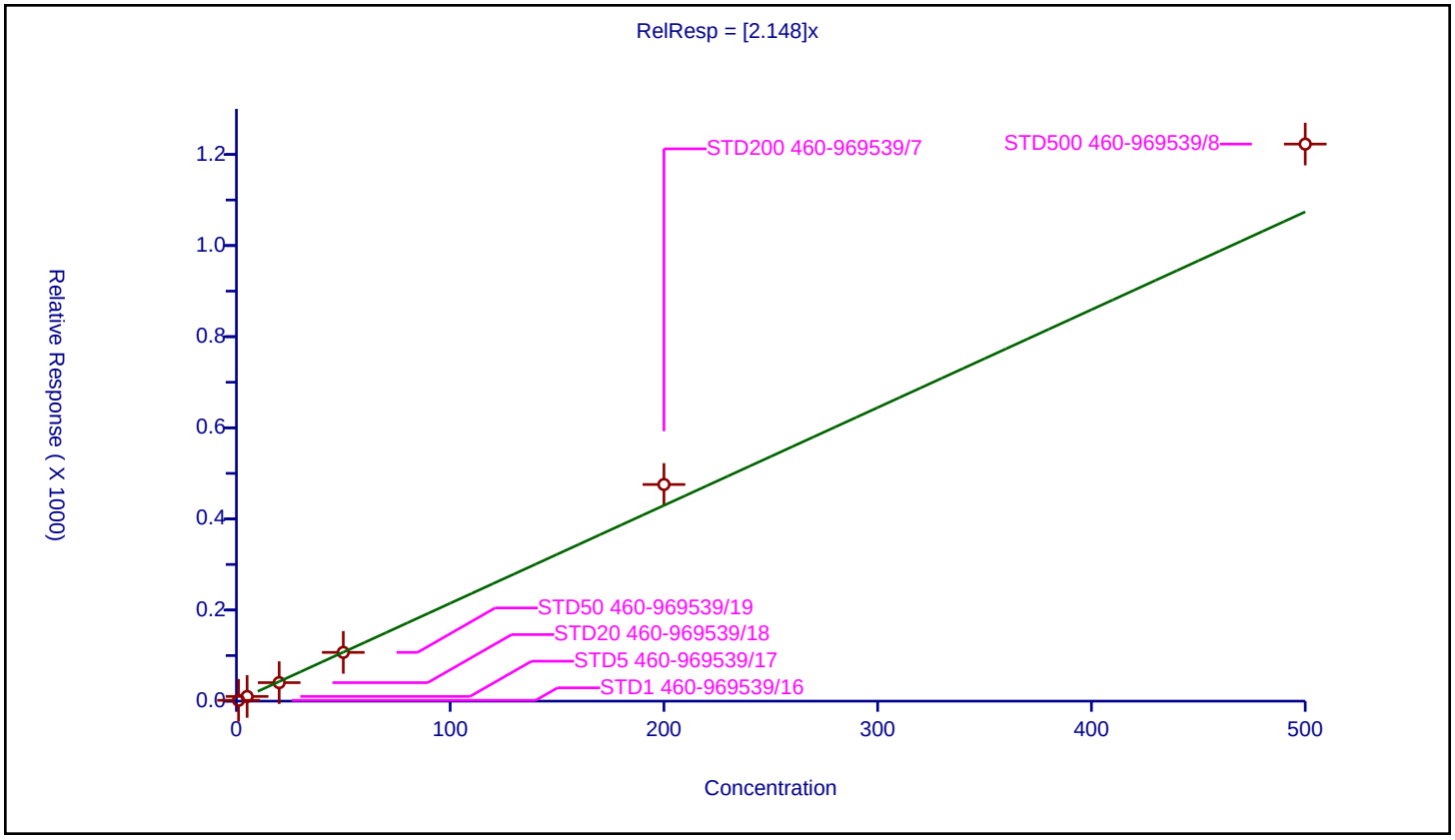
Curve Coefficients

Intercept:	0
Slope:	2.148

Error Coefficients

Relative Standard Deviation:	10.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	1.0	1.83181	50.0	327272.0	1.83181	Y
2	STD5 460-969539/17	5.0	10.308966	50.0	348420.0	2.061793	Y
3	STD20 460-969539/18	20.0	40.611749	50.0	342183.0	2.030587	Y
4	STD50 460-969539/19	50.0	107.041323	50.0	354138.0	2.140826	Y
5	STD200 460-969539/7	200.0	475.565951	50.0	351223.0	2.37783	Y
6	STD500 460-969539/8	500.0	1222.749523	50.0	356691.0	2.445499	Y



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Calibration / sec-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

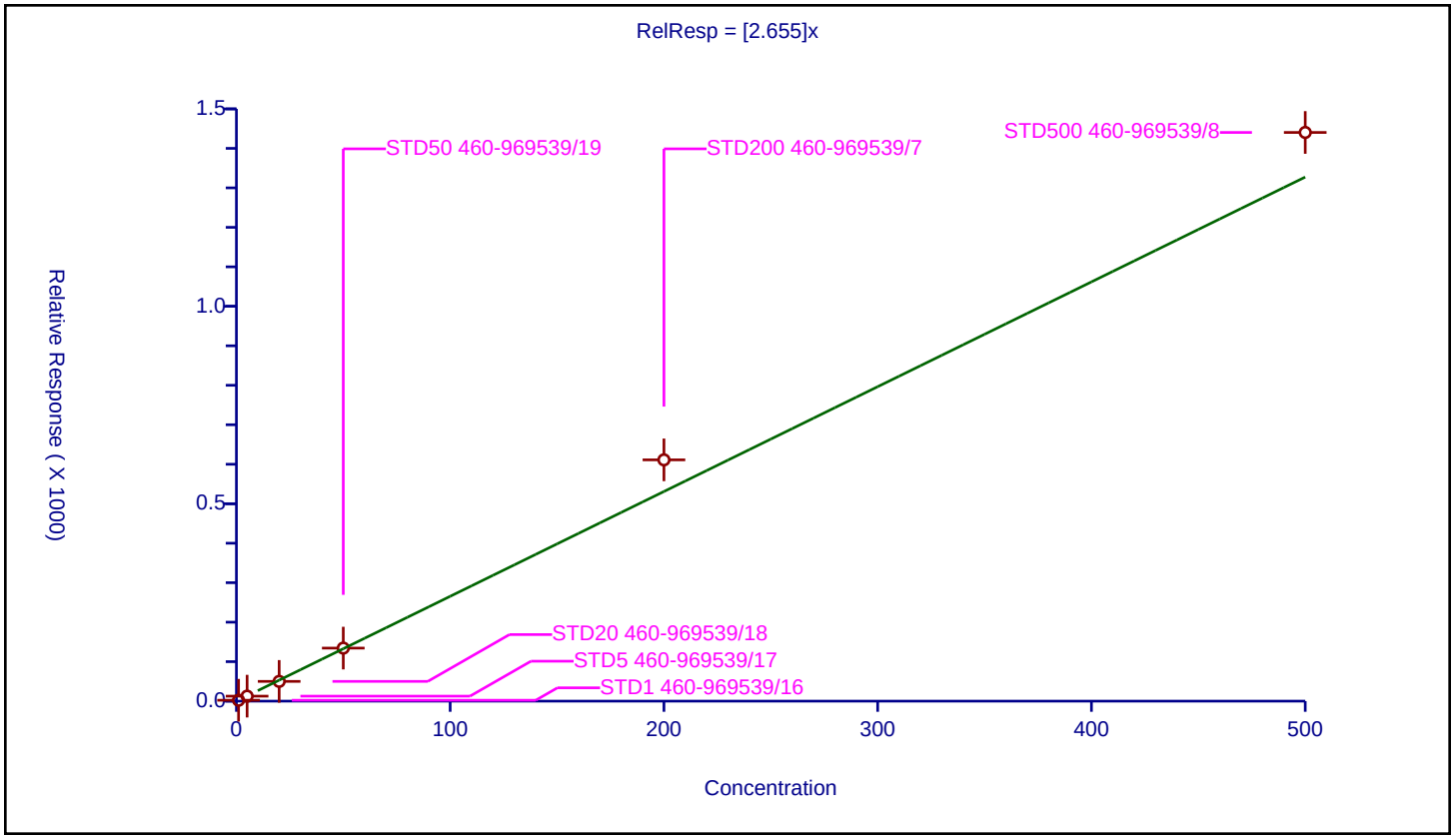
Curve Coefficients

Intercept:	0
Slope:	2.655

Error Coefficients

Relative Standard Deviation:	10.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	1.0	2.270436	50.0	327272.0	2.270436	Y
2	STD5 460-969539/17	5.0	12.670914	50.0	348420.0	2.534183	Y
3	STD20 460-969539/18	20.0	50.004237	50.0	342183.0	2.500212	Y
4	STD50 460-969539/19	50.0	134.351157	50.0	354138.0	2.687023	Y
5	STD200 460-969539/7	200.0	611.113594	50.0	351223.0	3.055568	Y
6	STD500 460-969539/8	500.0	1440.30211	50.0	356691.0	2.880604	Y



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Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

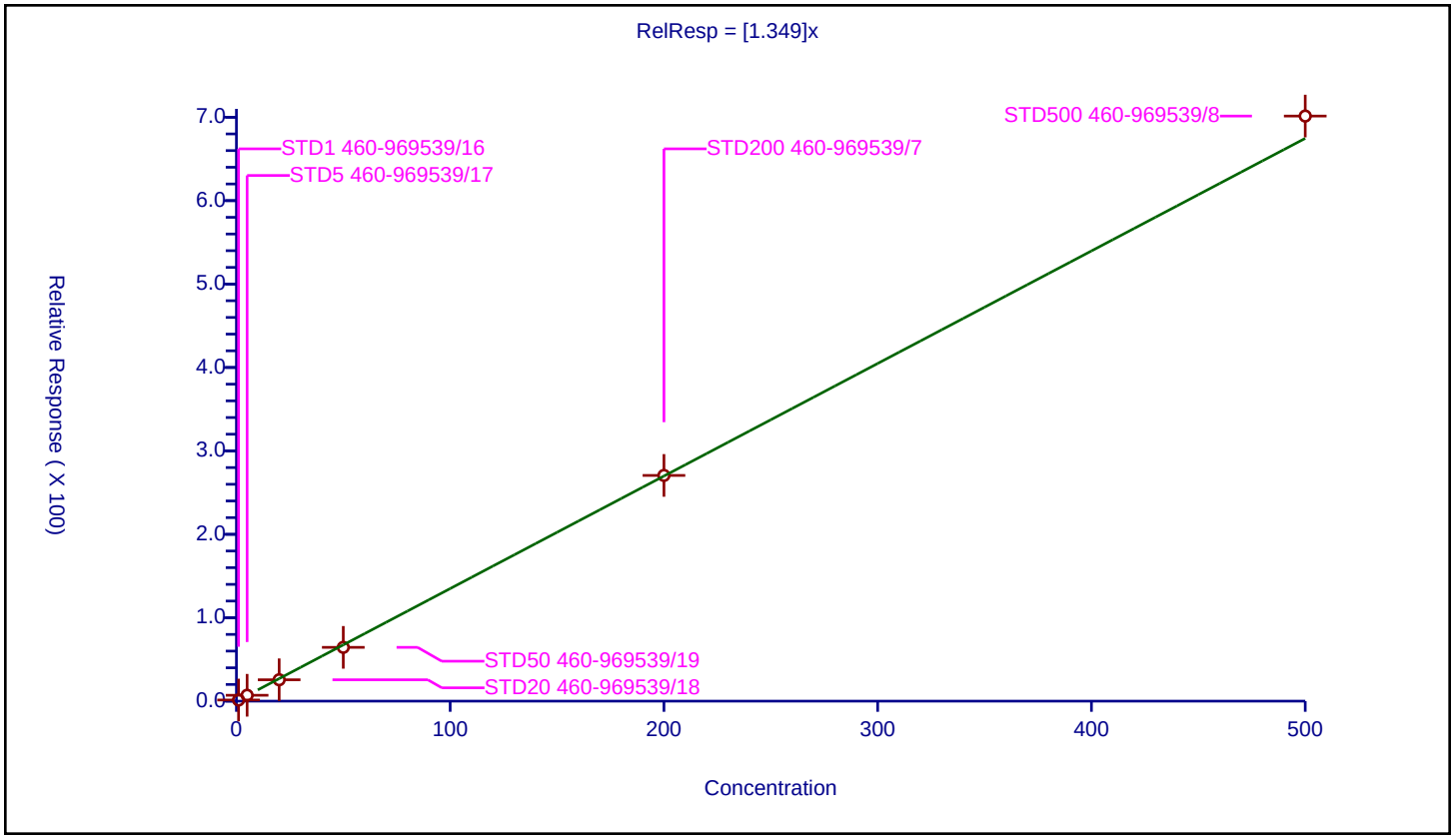
Curve Coefficients

Intercept:	0
Slope:	1.349

Error Coefficients

Relative Standard Deviation:	4.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	1.0	1.362017	50.0	327272.0	1.362017	Y
2	STD5 460-969539/17	5.0	7.034183	50.0	348420.0	1.406837	Y
3	STD20 460-969539/18	20.0	25.628976	50.0	342183.0	1.281449	Y
4	STD50 460-969539/19	50.0	64.482631	50.0	354138.0	1.289653	Y
5	STD200 460-969539/7	200.0	270.5929	50.0	351223.0	1.352964	Y
6	STD500 460-969539/8	500.0	701.424903	50.0	356691.0	1.40285	Y



Calibration / 4-Isopropyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

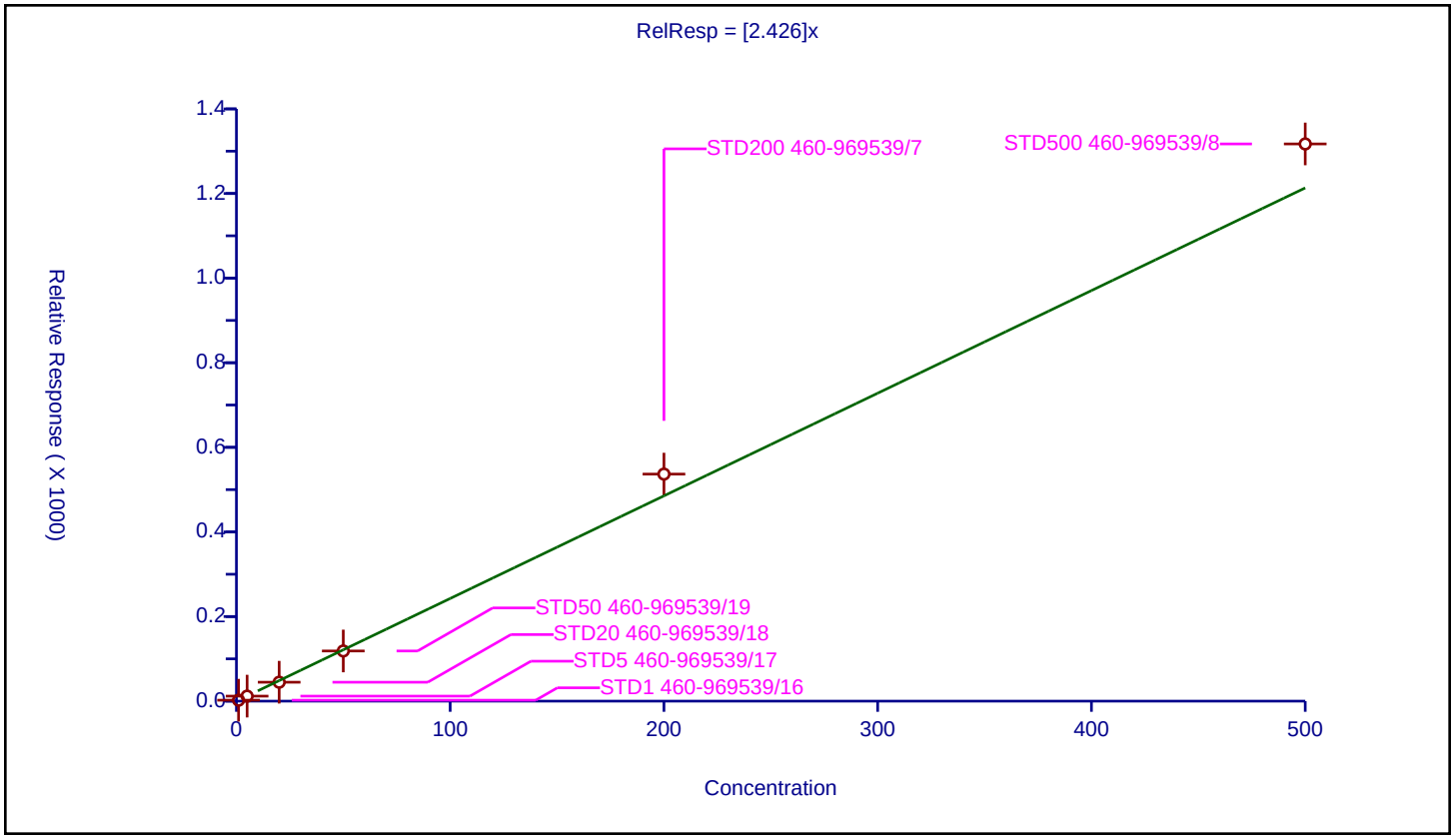
Curve Coefficients

Intercept:	0
Slope:	2.426

Error Coefficients

Relative Standard Deviation:	7.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	1.0	2.255005	50.0	327272.0	2.255005	Y
2	STD5 460-969539/17	5.0	11.890247	50.0	348420.0	2.378049	Y
3	STD20 460-969539/18	20.0	44.71204	50.0	342183.0	2.235602	Y
4	STD50 460-969539/19	50.0	118.597411	50.0	354138.0	2.371948	Y
5	STD200 460-969539/7	200.0	536.725101	50.0	351223.0	2.683626	Y
6	STD500 460-969539/8	500.0	1317.133177	50.0	356691.0	2.634266	Y



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Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

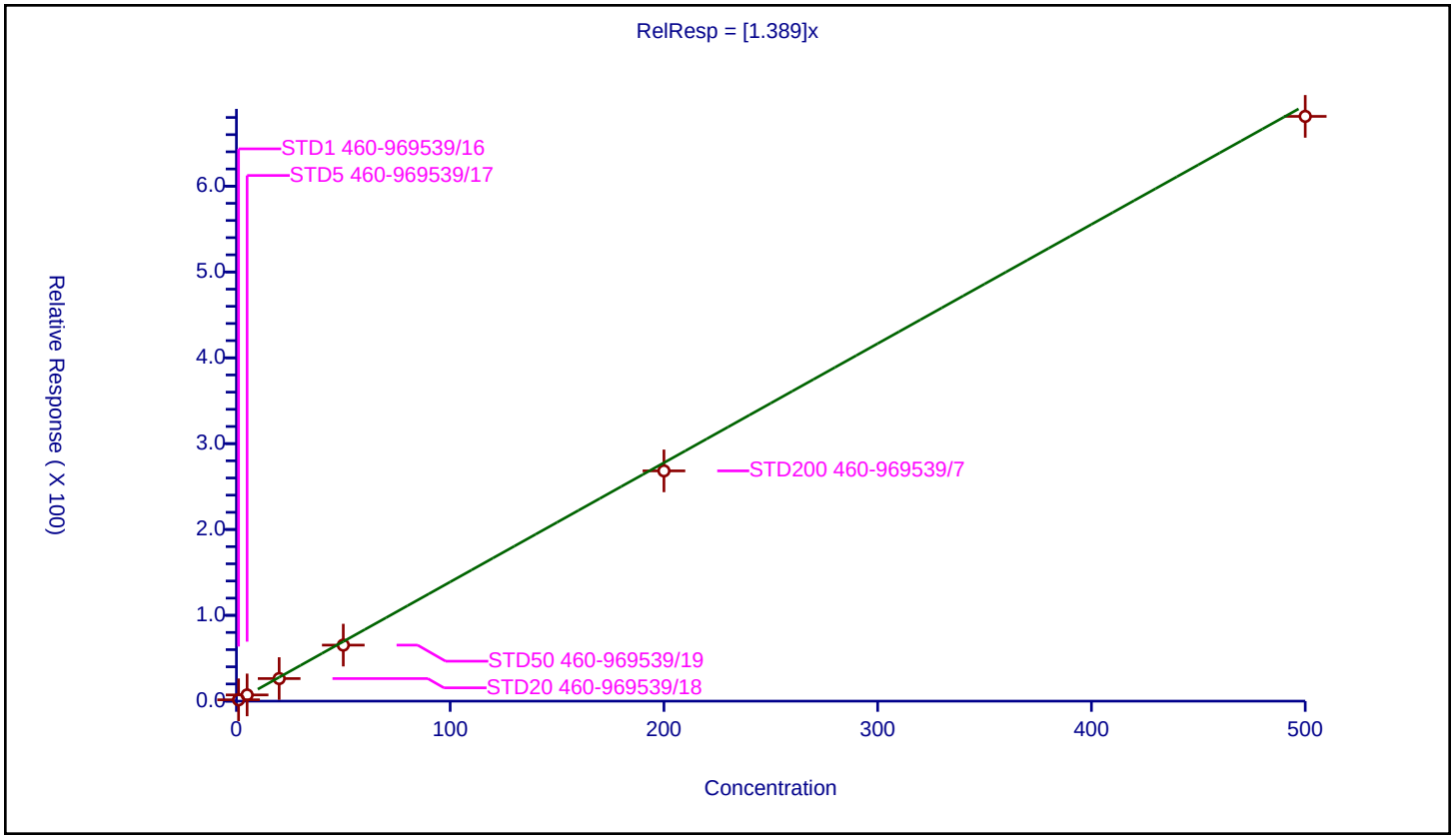
Curve Coefficients

Intercept:	0
Slope:	1.389

Error Coefficients

Relative Standard Deviation:	7.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	1.0	1.560323	50.0	327272.0	1.560323	Y
2	STD5 460-969539/17	5.0	7.235664	50.0	348420.0	1.447133	Y
3	STD20 460-969539/18	20.0	26.299962	50.0	342183.0	1.314998	Y
4	STD50 460-969539/19	50.0	65.261141	50.0	354138.0	1.305223	Y
5	STD200 460-969539/7	200.0	268.269305	50.0	351223.0	1.341347	Y
6	STD500 460-969539/8	500.0	681.28394	50.0	356691.0	1.362568	Y



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Calibration / 1,2,3-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

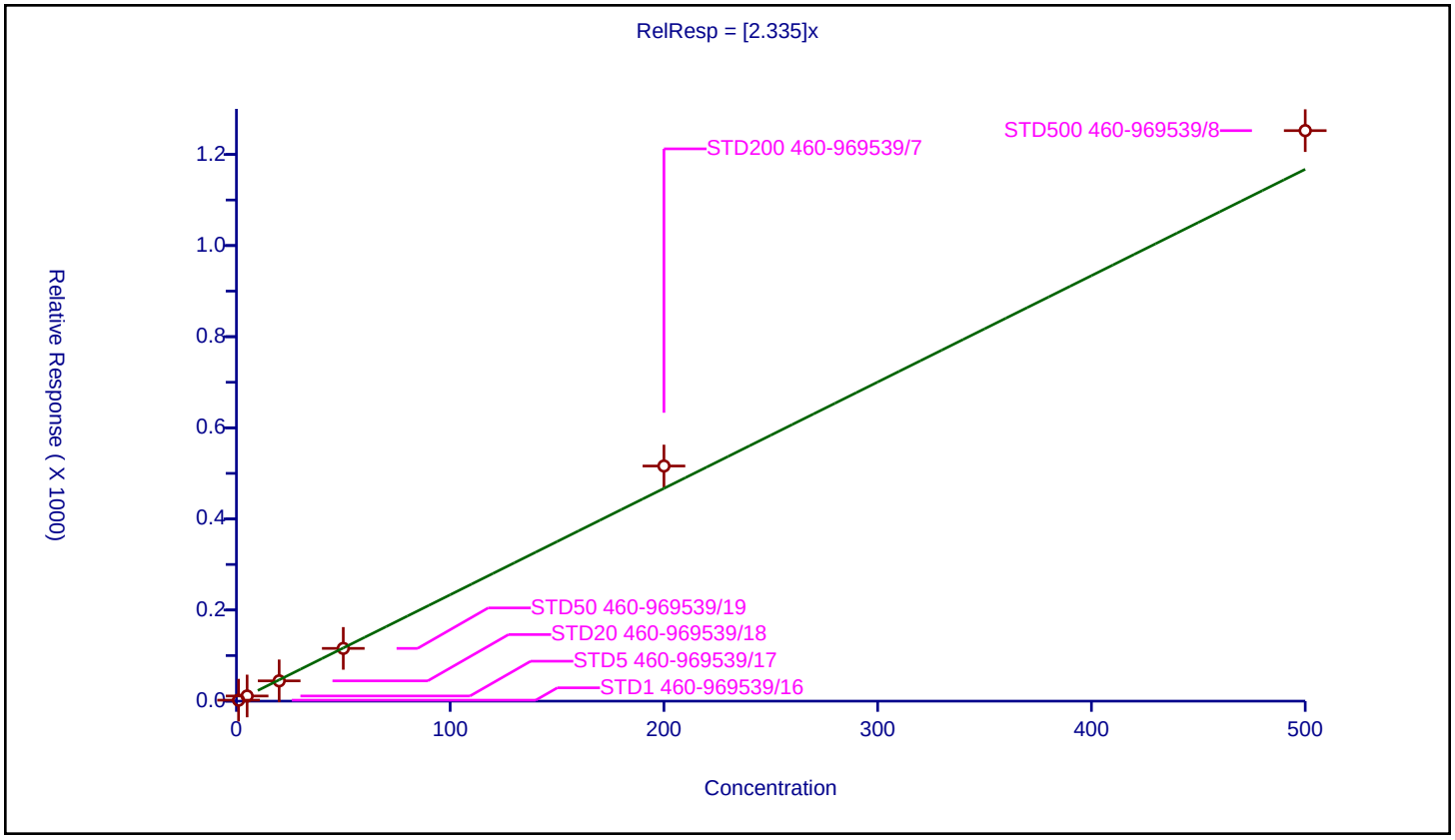
Curve Coefficients

Intercept:	0
Slope:	2.335

Error Coefficients

Relative Standard Deviation:	7.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	1.0	2.115671	50.0	327272.0	2.115671	Y
2	STD5 460-969539/17	5.0	11.331583	50.0	348420.0	2.266317	Y
3	STD20 460-969539/18	20.0	44.528366	50.0	342183.0	2.226418	Y
4	STD50 460-969539/19	50.0	115.79822	50.0	354138.0	2.315964	Y
5	STD200 460-969539/7	200.0	516.135618	50.0	351223.0	2.580678	Y
6	STD500 460-969539/8	500.0	1252.26835	50.0	356691.0	2.504537	Y



Calibration / Benzyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

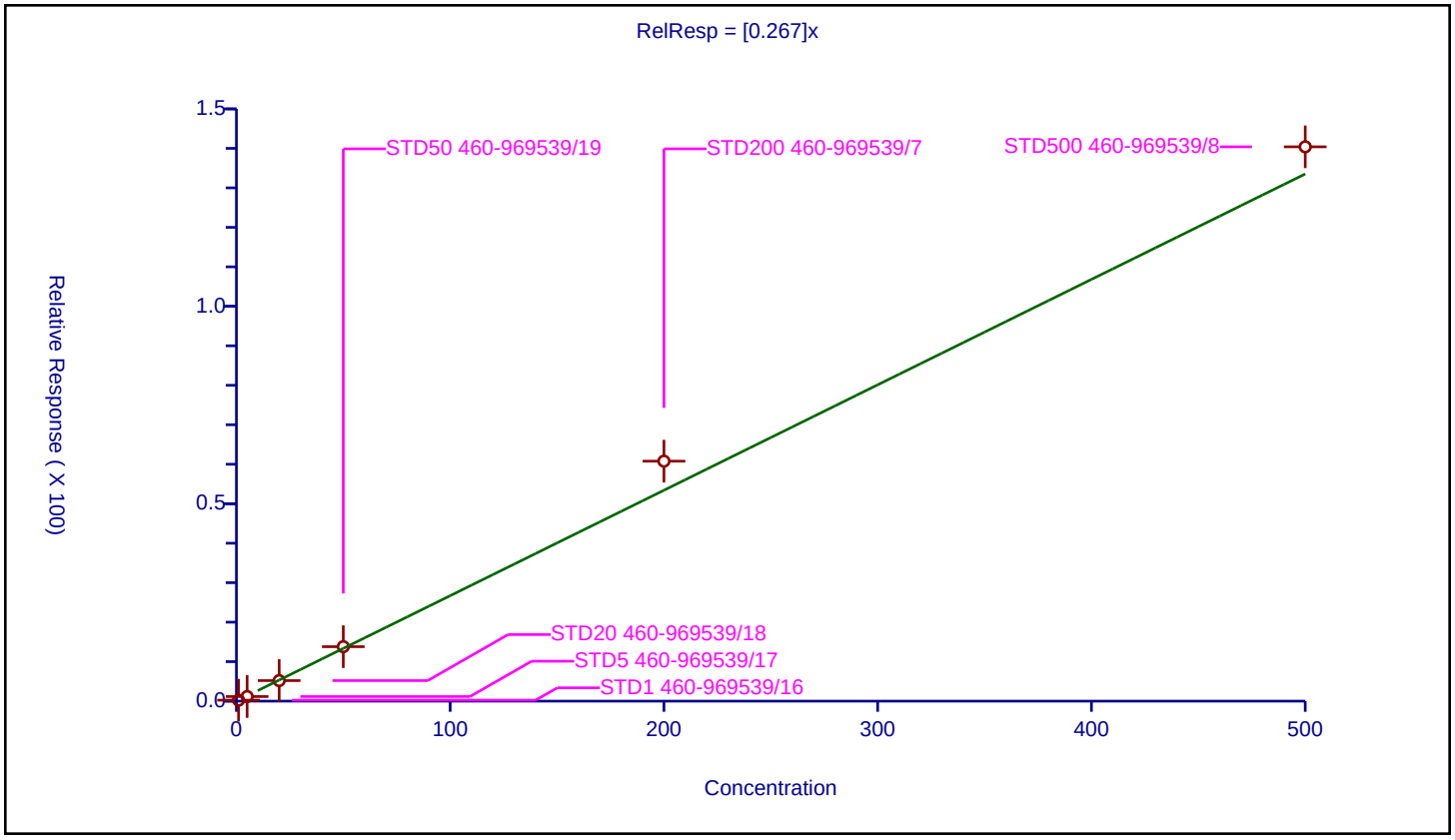
Curve Coefficients

Intercept:	0
Slope:	0.267

Error Coefficients

Relative Standard Deviation:	9.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	1.0	0.248876	50.0	327272.0	0.248876	Y
2	STD5 460-969539/17	5.0	1.163251	50.0	348420.0	0.23265	Y
3	STD20 460-969539/18	20.0	5.204233	50.0	342183.0	0.260212	Y
4	STD50 460-969539/19	50.0	13.790952	50.0	354138.0	0.275819	Y
5	STD200 460-969539/7	200.0	60.784317	50.0	351223.0	0.303922	Y
6	STD500 460-969539/8	500.0	140.393506	50.0	356691.0	0.280787	Y



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Calibration / 2,3-Dihydroindene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

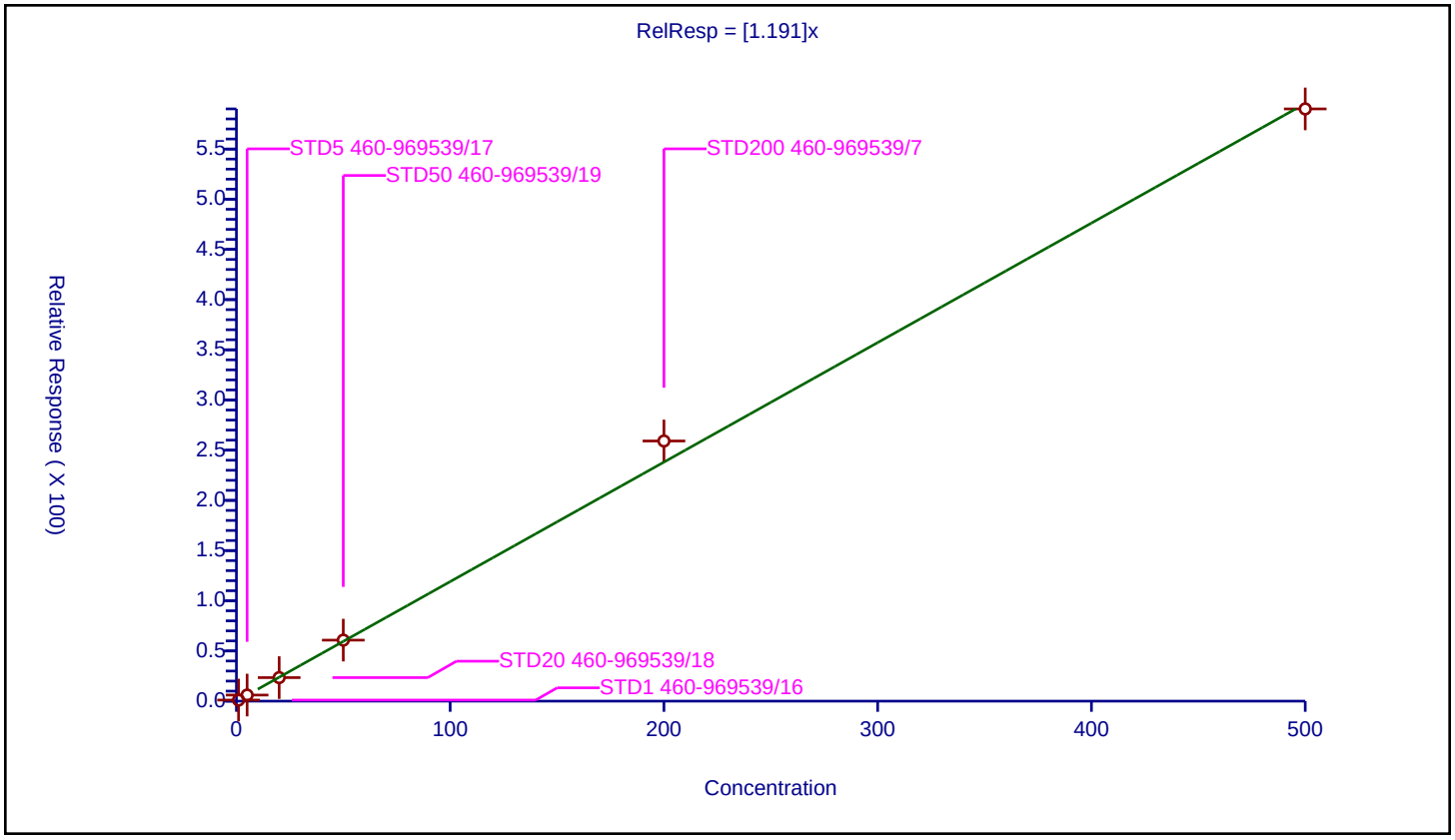
Curve Coefficients

Intercept:	0
Slope:	1.191

Error Coefficients

Relative Standard Deviation:	6.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	1.0	1.065372	50.0	606877.0	1.065372	Y
2	STD5 460-969539/17	5.0	6.073134	50.0	623212.0	1.214627	Y
3	STD20 460-969539/18	20.0	23.447873	50.0	616702.0	1.172394	Y
4	STD50 460-969539/19	50.0	60.778797	50.0	643801.0	1.215576	Y
5	STD200 460-969539/7	200.0	259.172887	50.0	662376.0	1.295864	Y
6	STD500 460-969539/8	500.0	589.978853	50.0	723994.0	1.179958	Y



Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

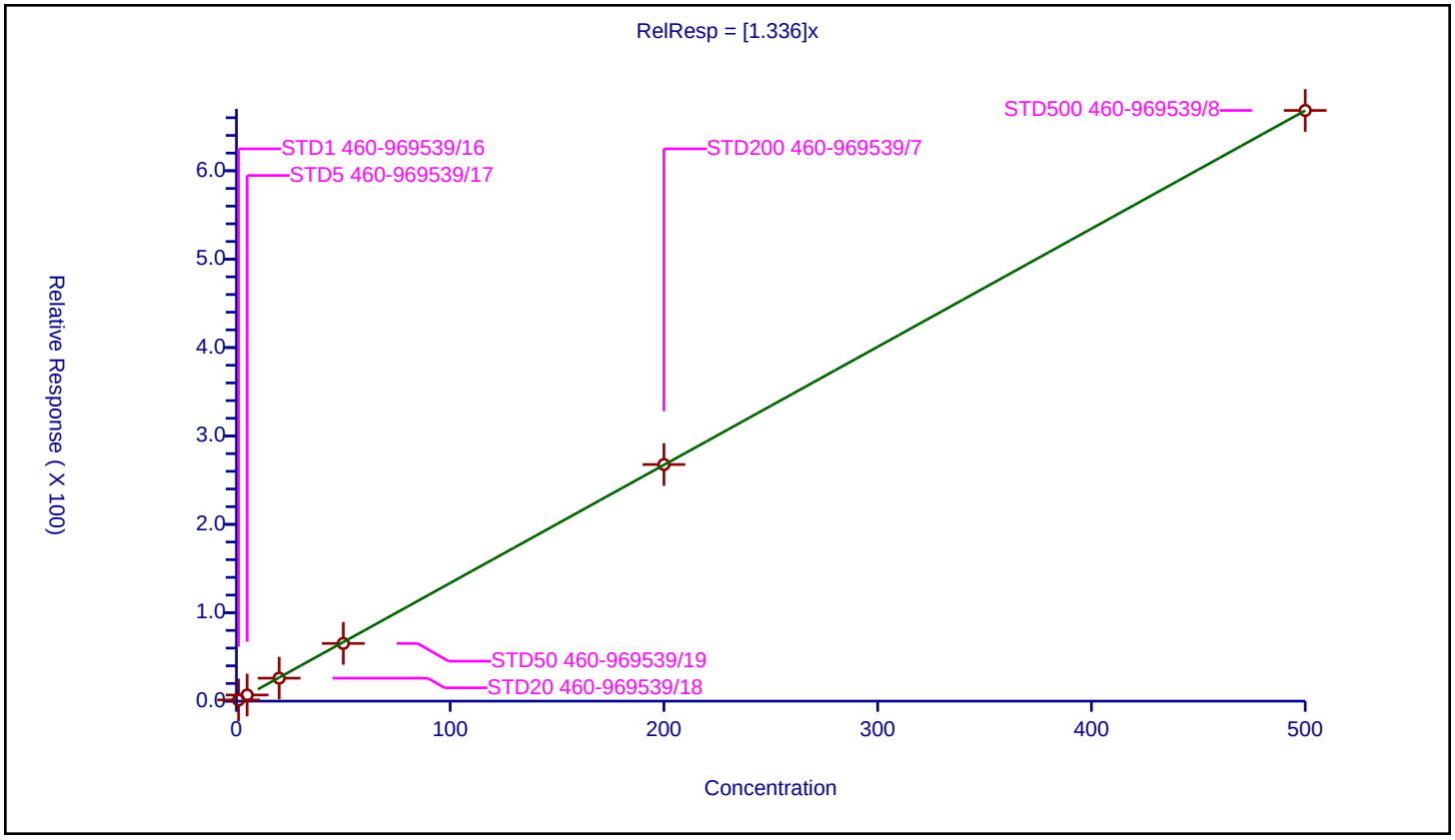
Curve Coefficients

Intercept:	0
Slope:	1.336

Error Coefficients

Relative Standard Deviation:	2.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	1.0	1.34567	50.0	327272.0	1.34567	Y
2	STD5 460-969539/17	5.0	6.958699	50.0	348420.0	1.39174	Y
3	STD20 460-969539/18	20.0	25.989894	50.0	342183.0	1.299495	Y
4	STD50 460-969539/19	50.0	65.271165	50.0	354138.0	1.305423	Y
5	STD200 460-969539/7	200.0	267.688904	50.0	351223.0	1.338445	Y
6	STD500 460-969539/8	500.0	668.243802	50.0	356691.0	1.336488	Y



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Calibration / p-Diethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

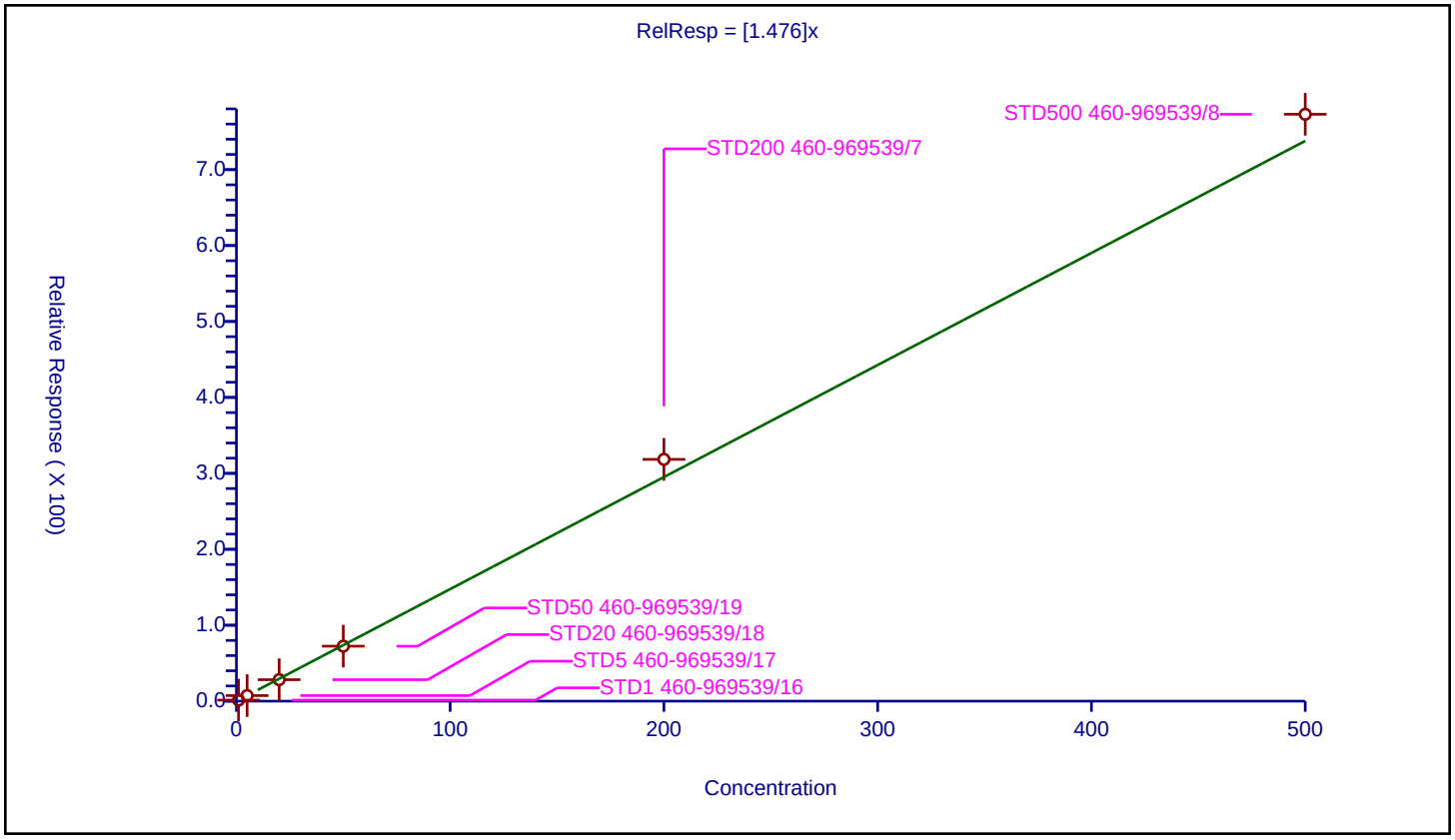
Curve Coefficients

Intercept:	0
Slope:	1.476

Error Coefficients

Relative Standard Deviation:	5.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	1.0	1.388906	50.0	327272.0	1.388906	Y
2	STD5 460-969539/17	5.0	7.32966	50.0	348420.0	1.465932	Y
3	STD20 460-969539/18	20.0	28.256079	50.0	342183.0	1.412804	Y
4	STD50 460-969539/19	50.0	72.391554	50.0	354138.0	1.447831	Y
5	STD200 460-969539/7	200.0	318.420918	50.0	351223.0	1.592105	Y
6	STD500 460-969539/8	500.0	772.899232	50.0	356691.0	1.545798	Y



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Calibration / n-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

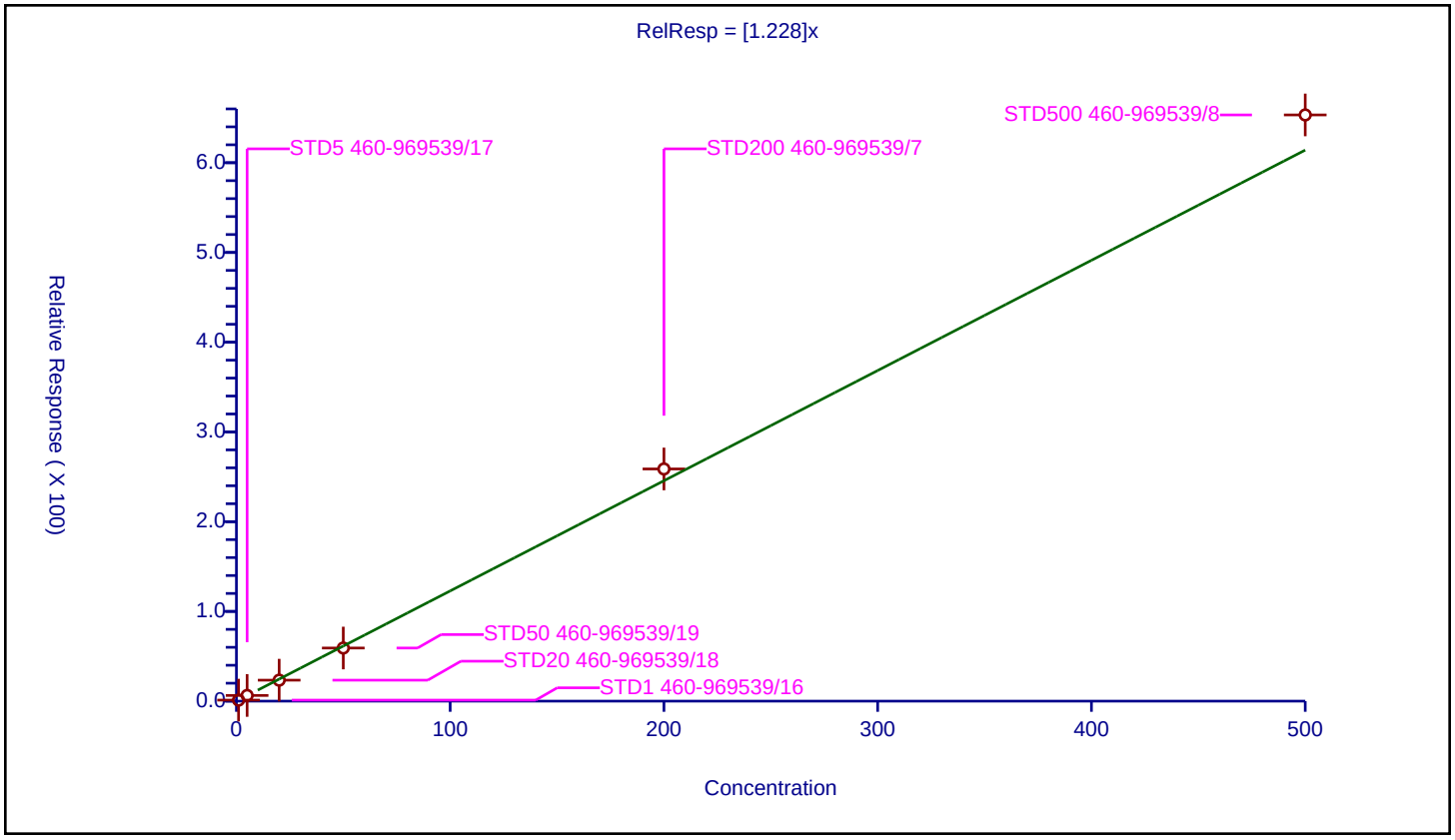
Curve Coefficients

Intercept:	0
Slope:	1.228

Error Coefficients

Relative Standard Deviation:	5.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	1.0	1.14935	50.0	327272.0	1.14935	Y
2	STD5 460-969539/17	5.0	6.335888	50.0	348420.0	1.267178	Y
3	STD20 460-969539/18	20.0	23.363668	50.0	342183.0	1.168183	Y
4	STD50 460-969539/19	50.0	59.201215	50.0	354138.0	1.184024	Y
5	STD200 460-969539/7	200.0	258.747007	50.0	351223.0	1.293735	Y
6	STD500 460-969539/8	500.0	653.256881	50.0	356691.0	1.306514	Y



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Calibration / 1,2,4,5-Tetramethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

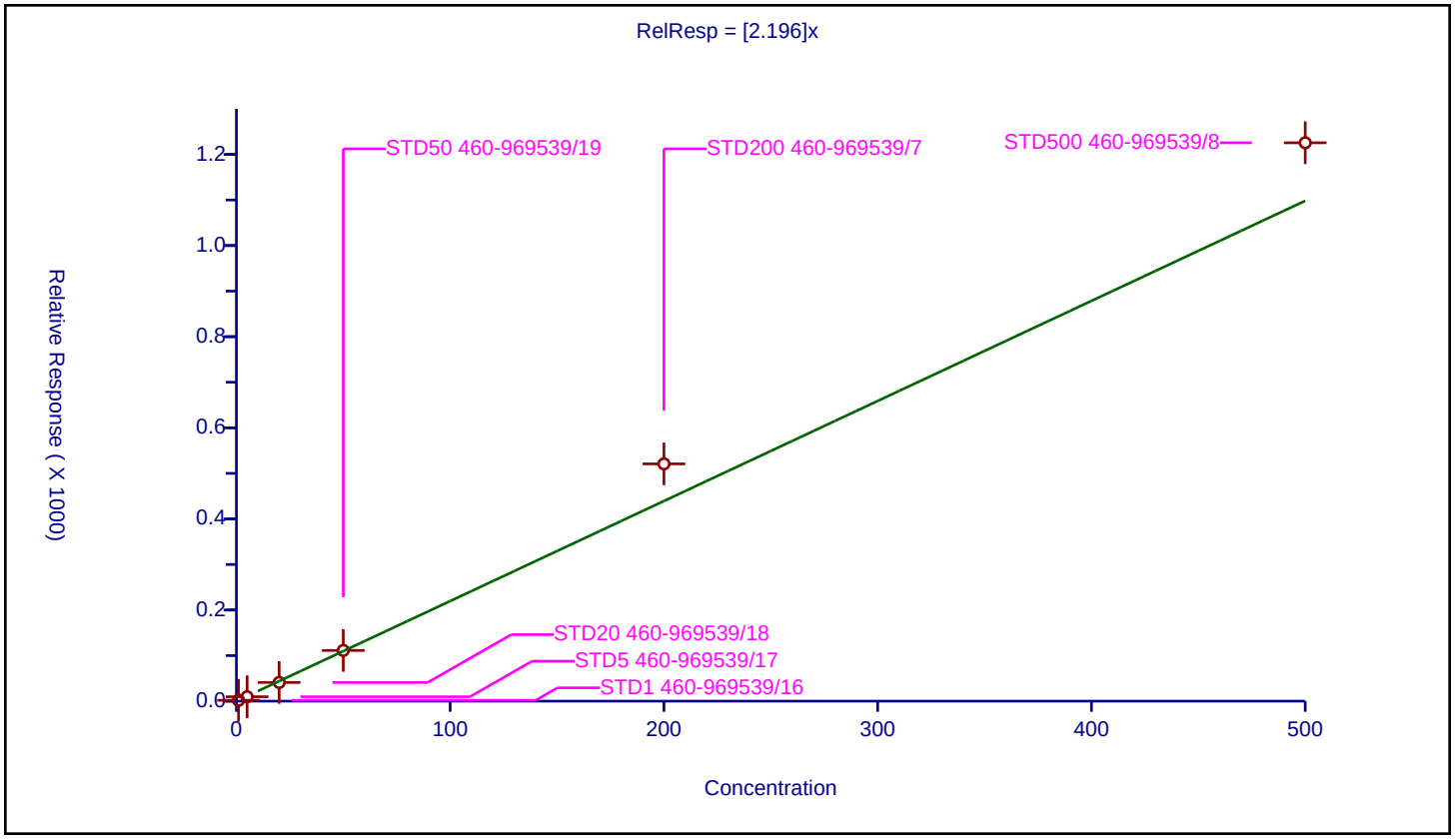
Curve Coefficients

Intercept:	0
Slope:	2.196

Error Coefficients

Relative Standard Deviation:	12.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	1.0	1.915532	50.0	327272.0	1.915532	Y
2	STD5 460-969539/17	5.0	9.65157	50.0	348420.0	1.930314	Y
3	STD20 460-969539/18	20.0	41.02264	50.0	342183.0	2.051132	Y
4	STD50 460-969539/19	50.0	111.297714	50.0	354138.0	2.225954	Y
5	STD200 460-969539/7	200.0	520.837331	50.0	351223.0	2.604187	Y
6	STD500 460-969539/8	500.0	1225.554331	50.0	356691.0	2.451109	Y



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Calibration / 1,2-Dibromo-3-Chloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

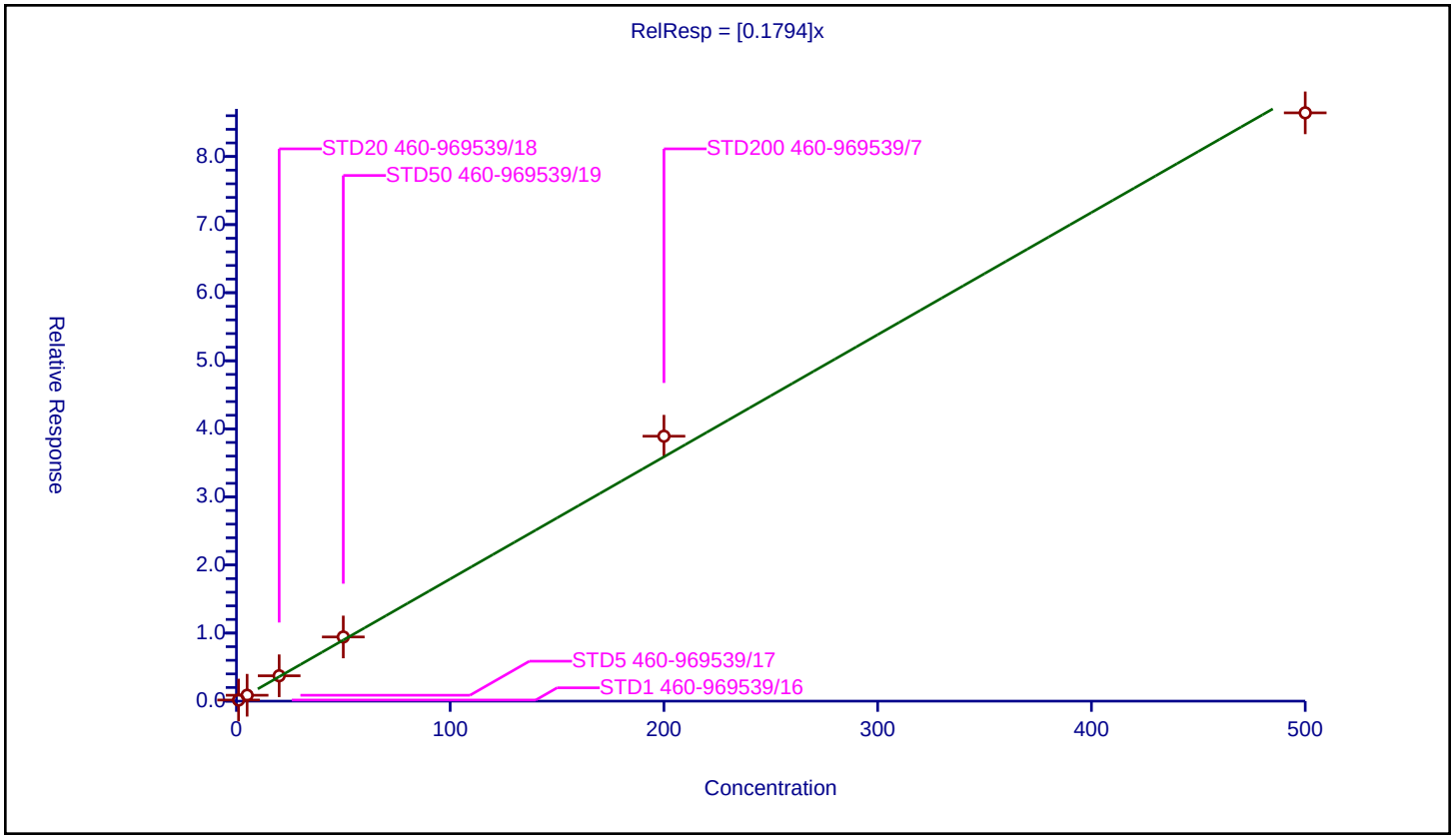
Curve Coefficients

Intercept:	0
Slope:	0.1794

Error Coefficients

Relative Standard Deviation:	7.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	1.0	0.160875	50.0	327272.0	0.160875	Y
2	STD5 460-969539/17	5.0	0.867201	50.0	348420.0	0.17344	Y
3	STD20 460-969539/18	20.0	3.727245	50.0	342183.0	0.186362	Y
4	STD50 460-969539/19	50.0	9.426975	50.0	354138.0	0.188539	Y
5	STD200 460-969539/7	200.0	38.920287	50.0	351223.0	0.194601	Y
6	STD500 460-969539/8	500.0	86.420039	50.0	356691.0	0.17284	Y



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Calibration / 1,3,5-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

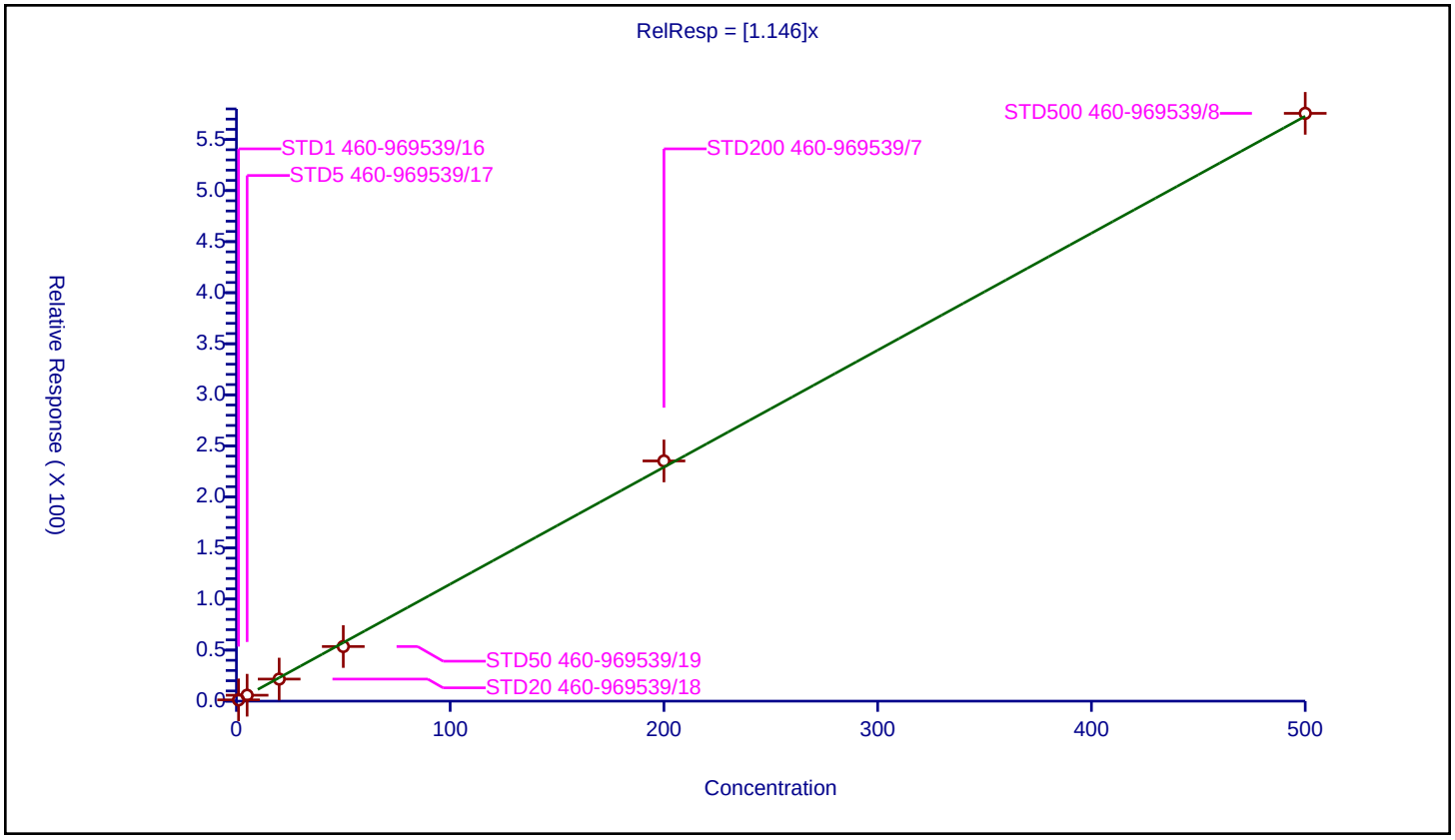
Curve Coefficients

Intercept:	0
Slope:	1.146

Error Coefficients

Relative Standard Deviation:	5.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	1.0	1.236281	50.0	327272.0	1.236281	Y
2	STD5 460-969539/17	5.0	5.801188	50.0	348420.0	1.160238	Y
3	STD20 460-969539/18	20.0	21.603499	50.0	342183.0	1.080175	Y
4	STD50 460-969539/19	50.0	53.48367	50.0	354138.0	1.069673	Y
5	STD200 460-969539/7	200.0	235.222352	50.0	351223.0	1.176112	Y
6	STD500 460-969539/8	500.0	575.650493	50.0	356691.0	1.151301	Y



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Calibration / 1,2,4-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

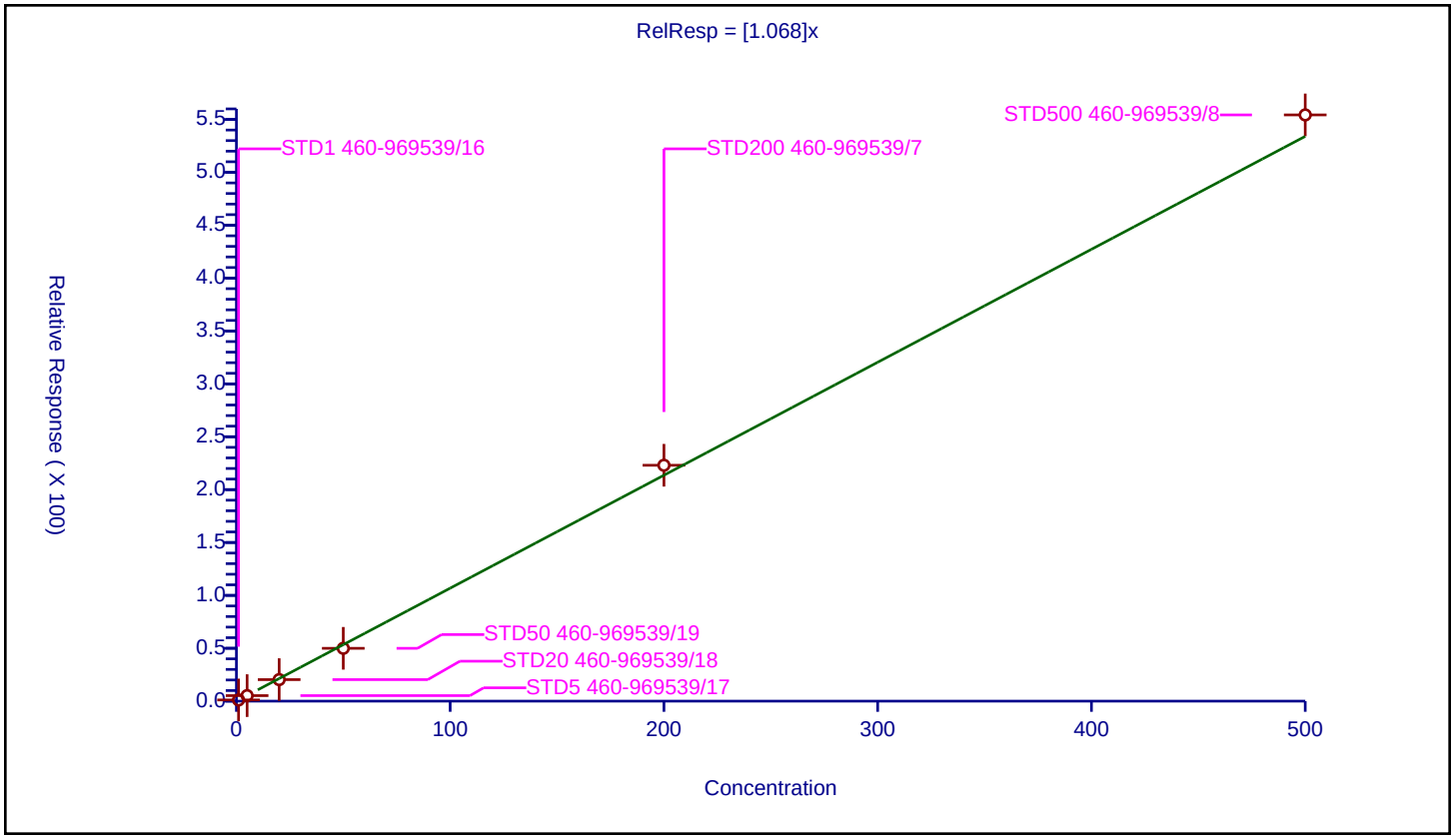
Curve Coefficients

Intercept:	0
Slope:	1.068

Error Coefficients

Relative Standard Deviation:	5.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	1.0	1.1246	50.0	327272.0	1.1246	Y
2	STD5 460-969539/17	5.0	5.214683	50.0	348420.0	1.042937	Y
3	STD20 460-969539/18	20.0	20.359281	50.0	342183.0	1.017964	Y
4	STD50 460-969539/19	50.0	49.950584	50.0	354138.0	0.999012	Y
5	STD200 460-969539/7	200.0	223.038639	50.0	351223.0	1.115193	Y
6	STD500 460-969539/8	500.0	554.301342	50.0	356691.0	1.108603	Y



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Calibration / Hexachlorobutadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

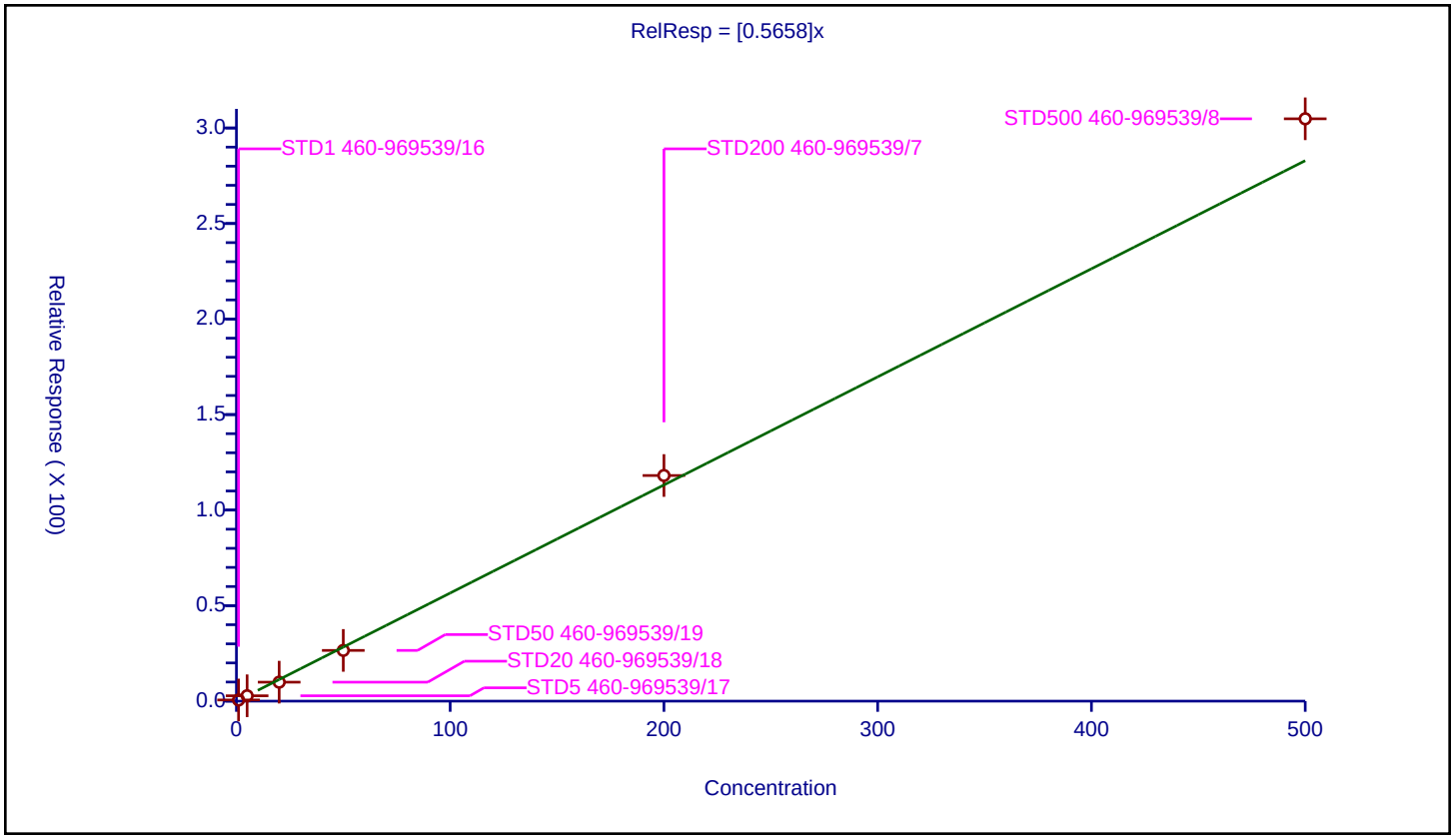
Curve Coefficients

Intercept:	0
Slope:	0.5658

Error Coefficients

Relative Standard Deviation:	8.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	1.0	0.606376	50.0	327272.0	0.606376	Y
2	STD5 460-969539/17	5.0	2.803082	50.0	348420.0	0.560616	Y
3	STD20 460-969539/18	20.0	9.932112	50.0	342183.0	0.496606	Y
4	STD50 460-969539/19	50.0	26.552361	50.0	354138.0	0.531047	Y
5	STD200 460-969539/7	200.0	118.100039	50.0	351223.0	0.5905	Y
6	STD500 460-969539/8	500.0	304.816774	50.0	356691.0	0.609634	Y



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Calibration / Naphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

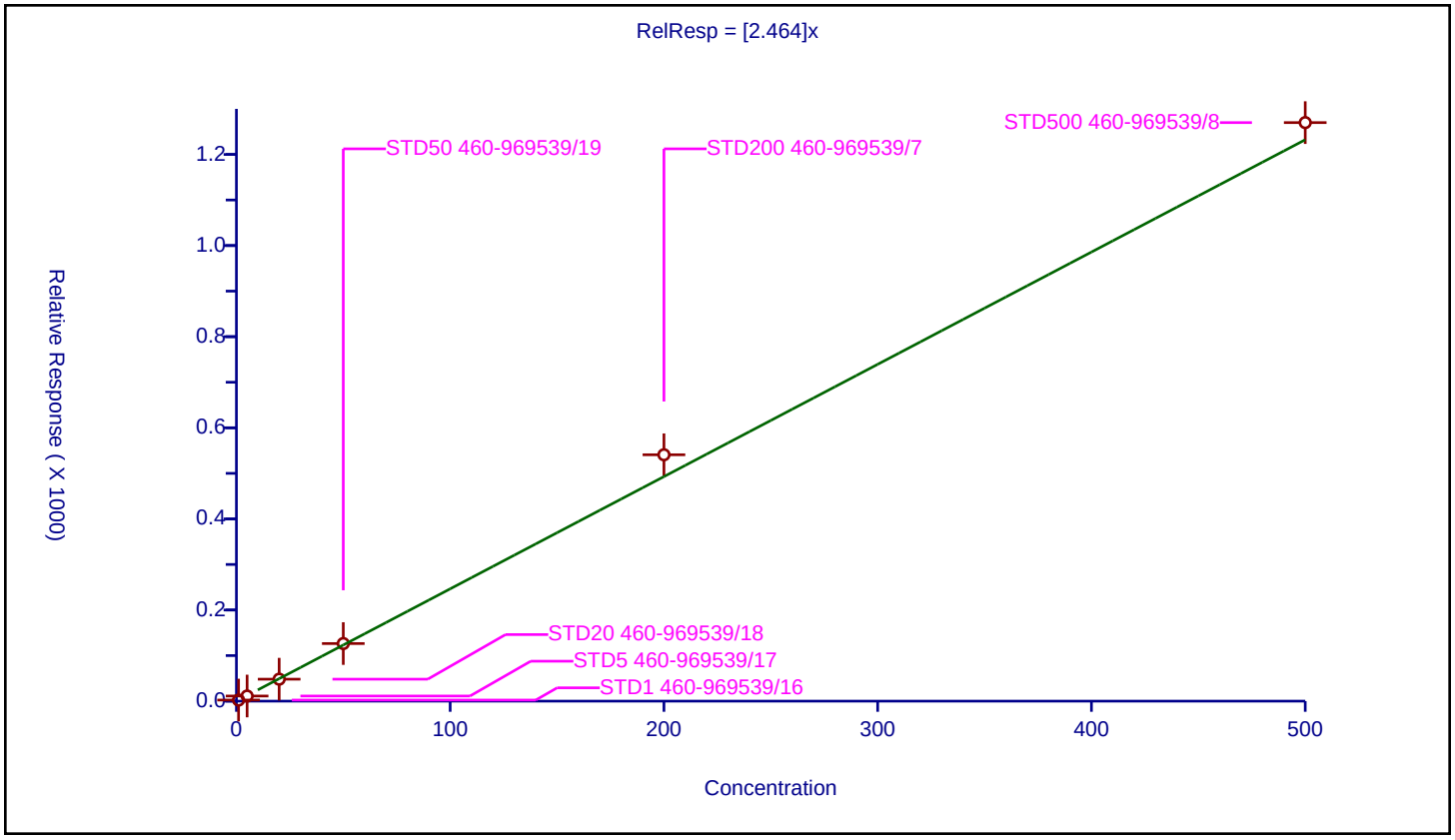
Curve Coefficients

Intercept:	0
Slope:	2.464

Error Coefficients

Relative Standard Deviation:	6.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	1.0	2.349727	50.0	327272.0	2.349727	Y
2	STD5 460-969539/17	5.0	11.26801	50.0	348420.0	2.253602	Y
3	STD20 460-969539/18	20.0	48.211045	50.0	342183.0	2.410552	Y
4	STD50 460-969539/19	50.0	126.445905	50.0	354138.0	2.528918	Y
5	STD200 460-969539/7	200.0	540.826768	50.0	351223.0	2.704134	Y
6	STD500 460-969539/8	500.0	1269.916118	50.0	356691.0	2.539832	Y



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Calibration / 1,2,3-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

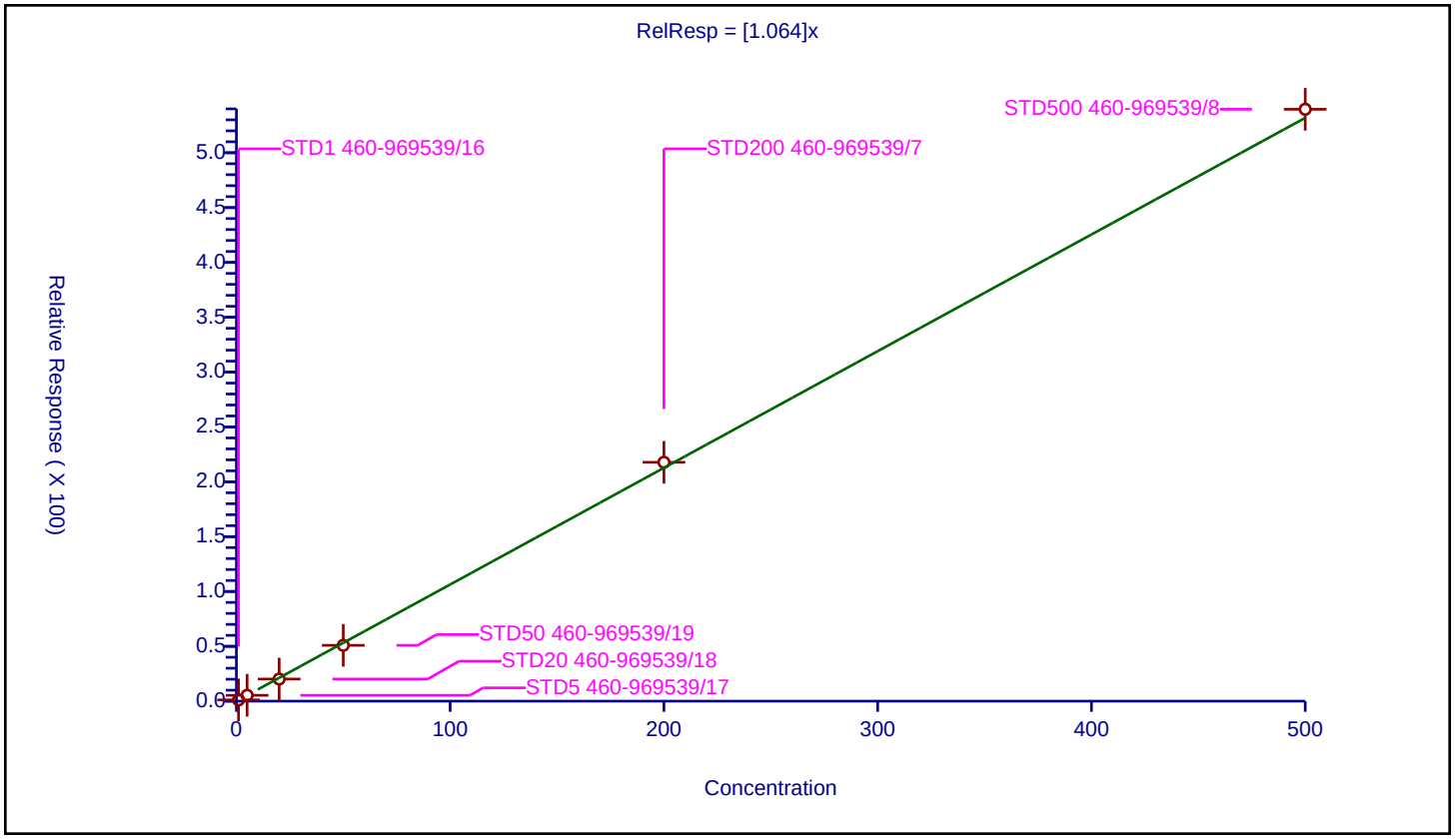
Curve Coefficients

Intercept:	0
Slope:	1.064

Error Coefficients

Relative Standard Deviation:	4.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969539/16	1.0	1.126586	50.0	327272.0	1.126586	Y
2	STD5 460-969539/17	5.0	5.305953	50.0	348420.0	1.061191	Y
3	STD20 460-969539/18	20.0	20.159242	50.0	342183.0	1.007962	Y
4	STD50 460-969539/19	50.0	50.887084	50.0	354138.0	1.017742	Y
5	STD200 460-969539/7	200.0	217.776028	50.0	351223.0	1.08888	Y
6	STD500 460-969539/8	500.0	539.623652	50.0	356691.0	1.079247	Y



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Lab Sample ID: ICV 460-972799/28 Calibration Date: 05/03/2024 16:40

Instrument ID: CVOAMS13 Calib Start Date: 05/03/2024 06:36

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 05/03/2024 14:48

Lab File ID: P27140.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	Ave	0.0795	0.0865		21.8	20.0	8.8	30.0
Dichlorodifluoromethane	QuaF		0.2137	0.1000	12.4	20.0	-37.9*	30.0
Chlorodifluoromethane	Ave	0.4951	0.4156		16.8	20.0	-16.1	30.0
Chloromethane	Ave	0.3993	0.2958	0.1000	14.8	20.0	-25.9	30.0
Vinyl chloride	Ave	0.2943	0.2337	0.1000	15.9	20.0	-20.6	30.0
Butadiene	Ave	0.2618	0.1982		15.1	20.0	-24.3	30.0
Bromomethane	Ave	8.636	6.897	0.1000	16.0	20.0	-20.1	30.0
Chloroethane	Ave	0.1629	0.1562	0.1000	19.2	20.0	-4.1	30.0
Pentane	Ave	1.928	1.732		35.9	40.0	-10.2	30.0
Trichlorofluoromethane	Ave	0.3306	0.2976	0.1000	18.0	20.0	-10.0	30.0
Dichlorofluoromethane	Ave	0.4786	0.4089		17.1	20.0	-14.6	30.0
2-Methyl-1,3-butadiene	Ave	0.3471	0.3067		17.7	20.0	-11.6	30.0
Ethyl ether	Ave	0.2135	0.2053		19.2	20.0	-3.8	30.0
Ethanol	Ave	0.0563	0.0428		608	800	-24.0	30.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.0944	0.0855		18.1	20.0	-9.5	30.0
1,1-Dichloroethene	Ave	0.2068	0.2042	0.1000	19.8	20.0	-1.2	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.1987	0.2165	0.1000	21.8	20.0	9.0	30.0
Carbon disulfide	Ave	0.7400	0.7335	0.1000	19.8	20.0	-0.9	30.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.3286	0.3186		19.4	20.0	-3.0	30.0
Iodomethane	Ave	0.3742	0.4076		21.8	20.0	8.9	30.0
Cyclopentene	Ave	0.5032	0.4305		17.1	20.0	-14.5	30.0
Acrolein	Ave	1.837	1.093		23.5	39.5	-40.5*	30.0
3-Chloro-1-propene	Ave	0.1407	0.1367		19.4	20.0	-2.8	30.0
Isopropyl alcohol	Ave	0.5593	0.4024		144	200	-28.1	30.0
Methylene Chloride	Ave	0.2760	0.2561	0.1000	18.6	20.0	-7.2	30.0
Acetone	Ave	0.5463	0.5129	0.0500	93.9	100	-6.1	30.0
Methyl acetate	Ave	1.611	1.546	0.1000	38.4	40.0	-4.1	30.0
trans-1,2-Dichloroethene	Ave	0.2414	0.2292	0.1000	19.0	20.0	-5.1	30.0
Hexane	Ave	0.0542	0.0561		20.7	20.0	3.4	30.0
MTBE	Ave	0.7370	0.7310	0.1000	19.8	20.0	-0.8	30.0
2-Methyl-2-propanol	Ave	0.9765	0.8533		175	200	-12.6	30.0
Acetonitrile	Ave	1.342	1.216		181	200	-9.4	30.0
Isopropyl ether	Ave	0.8266	0.7709		18.7	20.0	-6.7	30.0
2-Chloro-1,3-butadiene	Ave	0.2178	0.2070		19.0	20.0	-4.9	30.0
1,1-Dichloroethane	Ave	0.4576	0.4389	0.2000	19.2	20.0	-4.1	30.0
Acrylonitrile	Ave	0.0927	0.0835		180	200	-9.9	30.0
Tert-butyl ethyl ether	Ave	0.8162	0.7816		19.2	20.0	-4.2	30.0
Vinyl acetate	Ave	0.5837	0.6047		41.4	40.0	3.6	30.0
cis-1,2-Dichloroethene	Ave	0.2621	0.2548	0.1000	19.4	20.0	-2.8	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Lab Sample ID: ICV 460-972799/28 Calibration Date: 05/03/2024 16:40

Instrument ID: CVOAMS13 Calib Start Date: 05/03/2024 06:36

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 05/03/2024 14:48

Lab File ID: P27140.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,2-Dichloropropane	Ave	0.0750	0.0690		18.4	20.0	-8.1	30.0
Chlorobromomethane	Ave	0.1276	0.1234		19.3	20.0	-3.3	30.0
Cyclohexane	Ave	0.4004	0.4059	0.1000	20.3	20.0	1.4	30.0
Chloroform	Ave	0.4240	0.4018	0.2000	19.0	20.0	-5.2	30.0
Ethyl acetate	Ave	0.2654	0.2721		41.0	40.0	2.5	30.0
Methyl acrylate	Ave	0.2306	0.2146		18.6	20.0	-6.9	30.0
Carbon tetrachloride	Ave	0.2879	0.2772	0.1000	19.3	20.0	-3.7	30.0
Tetrahydrofuran	Ave	0.8342	0.8297		39.8	40.0	-0.5	30.0
1,1,1-Trichloroethane	Ave	0.3590	0.3459	0.1000	19.3	20.0	-3.6	30.0
2-Butanone (MEK)	Ave	0.2875	0.2830	0.0500	98.4	100	-1.6	30.0
1,1-Dichloropropene	Ave	0.1230	0.1140		18.5	20.0	-7.3	30.0
Isooctane	Ave	0.5473	0.5622		20.5	20.0	2.7	30.0
n-Heptane	Ave	0.1390	0.1452		20.9	20.0	4.5	30.0
Benzene	Ave	1.329	1.265	0.5000	19.0	20.0	-4.8	30.0
Propionitrile	Ave	1.497	1.336		178	200	-10.8	30.0
Methacrylonitrile	Ave	0.1050	0.1018		194	200	-3.1	30.0
Tert-amyl methyl ether	Ave	0.7523	0.7351		19.5	20.0	-2.3	30.0
1,2-Dichloroethane	Ave	0.3443	0.3460	0.1000	20.1	20.0	0.5	30.0
Isobutyl alcohol	Ave	0.4061	0.3637		448	500	-10.4	30.0
Isopropyl acetate	Ave	0.4694	0.4470		19.0	20.0	-4.8	30.0
Methylcyclohexane	Ave	0.3703	0.3834	0.1000	20.7	20.0	3.5	30.0
Trichloroethene	Ave	0.2563	0.2487	0.2000	19.4	20.0	-3.0	30.0
n-Butanol	Ave	0.2706	0.2021		373	500	-25.3	30.0
Dibromomethane	Ave	0.1590	0.1593		20.0	20.0	0.2	30.0
1,2-Dichloropropane	Ave	0.2687	0.2578	0.1000	19.2	20.0	-4.1	30.0
Ethyl acrylate	Ave	0.3315	0.3258		19.7	20.0	-1.7	30.0
Dichlorobromomethane	Ave	0.3185	0.3180	0.2000	20.0	20.0	-0.2	30.0
Methyl methacrylate	Ave	0.0692	0.0695		40.2	40.0	0.5	30.0
1,4-Dioxane	Ave	0.9734	0.7448		306	400	-23.5	30.0
n-Propyl acetate	Ave	0.3485	0.3257		18.7	20.0	-6.6	30.0
2-Chloroethyl vinyl ether	Ave	0.1751	0.1684		19.2	20.0	-3.9	30.0
cis-1,3-Dichloropropene	Ave	0.5734	0.5139	0.2000	17.9	20.0	-10.4	30.0
Toluene	Ave	1.425	1.337	0.4000	18.8	20.0	-6.2	30.0
Epichlorohydrin	Ave	0.2573	0.2366		18.4	20.0	-8.0	30.0
2-Nitropropane	Ave	0.0672	0.0633		37.7	40.0	-5.8	30.0
Tetrachloroethene	Ave	0.3273	0.3197	0.2000	19.5	20.0	-2.3	30.0
4-Methyl-2-pentanone (MIBK)	Ave	2.151	2.172	0.0500	101	100	1.0	30.0
trans-1,3-Dichloropropene	Ave	0.5240	0.5278	0.1000	20.1	20.0	0.7	30.0
1,1,2-Trichloroethane	Ave	0.2499	0.2475	0.1000	19.8	20.0	-0.9	30.0
Ethyl methacrylate	Ave	0.3464	0.3304		19.1	20.0	-4.6	30.0
Chlorodibromomethane	Ave	0.3119	0.3045	0.1000	19.5	20.0	-2.4	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Lab Sample ID: ICV 460-972799/28 Calibration Date: 05/03/2024 16:40

Instrument ID: CVOAMS13 Calib Start Date: 05/03/2024 06:36

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 05/03/2024 14:48

Lab File ID: P27140.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,3-Dichloropropane	Ave	0.5365	0.5184		19.3	20.0	-3.4	30.0
1,2-Dibromoethane	Ave	0.3059	0.3000	0.1000	19.6	20.0	-1.9	30.0
n-Butyl acetate	Ave	0.4721	0.4609		19.5	20.0	-2.4	30.0
2-Hexanone	Ave	1.494	1.511	0.0500	101	100	1.1	30.0
Chlorobenzene	Ave	0.9160	0.8847	0.5000	19.3	20.0	-3.4	30.0
Ethylbenzene	Ave	0.4845	0.4667	0.1000	19.3	20.0	-3.7	30.0
1,1,1,2-Tetrachloroethane	Ave	0.3012	0.2960		19.7	20.0	-1.7	30.0
m-Xylene & p-Xylene	Ave	0.5957	0.5781	0.1000	19.4	20.0	-3.0	30.0
o-Xylene	Ave	0.5754	0.5541	0.3000	19.3	20.0	-3.7	30.0
Bromoform	Ave	0.2050	0.2011	0.1000	19.6	20.0	-1.9	30.0
Styrene	Ave	0.9746	0.9588	0.3000	19.7	20.0	-1.6	30.0
n-Butyl acrylate	Ave	0.2416	0.2367		19.6	20.0	-2.0	30.0
Isopropylbenzene	Ave	1.335	1.426	0.1000	21.4	20.0	6.8	30.0
Amyl acetate (mixed isomers)	Ave	1.002	0.9448		18.9	20.0	-5.7	30.0
Bromobenzene	Ave	0.6926	0.6607		19.1	20.0	-4.6	30.0
N-Propylbenzene	Ave	2.974	2.865		19.3	20.0	-3.7	30.0
1,1,2,2-Tetrachloroethane	Ave	0.6648	0.6354	0.3000	19.1	20.0	-4.4	30.0
2-Chlorotoluene	Ave	2.125	1.985		18.7	20.0	-6.6	30.0
4-Ethyltoluene	Ave	2.561	2.389		18.7	20.0	-6.7	30.0
1,2,3-Trichloropropane	Ave	0.2041	0.1950		19.1	20.0	-4.5	30.0
1,3,5-Trimethylbenzene	Ave	2.141	2.085		19.5	20.0	-2.6	30.0
trans-1,4-Dichloro-2-butene	Ave	0.2243	0.2224		19.8	20.0	-0.8	30.0
4-Chlorotoluene	Ave	1.973	1.882		19.1	20.0	-4.6	30.0
tert-Butylbenzene	Ave	1.762	1.700		19.3	20.0	-3.5	30.0
Butyl Methacrylate	Ave	0.7903	0.7646		19.3	20.0	-3.3	30.0
1,2,4-Trimethylbenzene	Ave	2.265	2.193		19.4	20.0	-3.2	30.0
sec-Butylbenzene	Ave	2.504	2.415		19.3	20.0	-3.6	30.0
1,3-Dichlorobenzene	Ave	1.258	1.249	0.6000	19.9	20.0	-0.7	30.0
4-Isopropyltoluene	Ave	2.191	2.103		19.2	20.0	-4.0	30.0
1,4-Dichlorobenzene	Ave	1.294	1.284	0.5000	19.8	20.0	-0.8	30.0
1,2,3-Trimethylbenzene	Ave	2.404	2.227		18.5	20.0	-7.3	30.0
Indan	Ave	2.268	2.210		19.5	20.0	-2.6	30.0
Benzyl chloride	Ave	0.2875	0.2809		19.5	20.0	-2.3	30.0
p-Diethylbenzene	Ave	1.302	1.239		19.0	20.0	-4.8	30.0
n-Butylbenzene	Ave	1.906	1.846		19.4	20.0	-3.1	30.0
1,2-Dichlorobenzene	Ave	1.224	1.209	0.4000	19.7	20.0	-1.3	30.0
1,2,4,5-Tetramethylbenzene	Ave	2.035	2.026		19.9	20.0	-0.4	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.1355	0.1286	0.0500	19.0	20.0	-5.1	30.0
1,3,5-Trichlorobenzene	Ave	0.7973	0.8049		20.2	20.0	1.0	30.0
1,2,4-Trichlorobenzene	Ave	0.7334	0.7903	0.2000	21.6	20.0	7.8	30.0
Hexachlorobutadiene	Ave	0.2514	0.2623		20.9	20.0	4.3	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Lab Sample ID: ICV 460-972799/28 Calibration Date: 05/03/2024 16:40

Instrument ID: CVOAMS13 Calib Start Date: 05/03/2024 06:36

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 05/03/2024 14:48

Lab File ID: P27140.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Naphthalene	Ave	2.067	2.126		20.6	20.0	2.8	30.0
1,2,3-Trichlorobenzene	Ave	0.6598	0.7109		21.5	20.0	7.7	30.0
Dibromofluoromethane (Surr)	Ave	0.1787	0.1805		50.5	50.0	1.0	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2161	0.2153		49.8	50.0	-0.4	30.0
Toluene-d8 (Surr)	Ave	1.042	1.035		49.7	50.0	-0.7	30.0
4-Bromofluorobenzene	Ave	0.4179	0.4310		51.6	50.0	3.1	30.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20240503-175422.b\P27140.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 03-May-2024 16:40:30 ALS Bottle#: 27 Worklist Smp#: 28
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ICV
Misc. Info.: 460-0175422-028
Operator ID: Instrument ID: CVOAMS13
Sublist: chrom-8260W_13*sub74

Method: \\chromfs\Edison\ChromData\CVOAMS13\20240503-175422.b\8260W_13.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 05-May-2024 12:51:51 Calib Date: 03-May-2024 14:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20240503-175422.b\P27135.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1683

First Level Reviewer: RD6L Date: 04-May-2024 10:51:34

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
173 Chlorotrifluoroethene	116	1.045	1.045	0.000	87	21783	20.0	21.8	
3 Dichlorodifluoromethane	85	1.052	1.052	0.000	100	53841	20.0	12.4	
168 Chlorodifluoromethane	51	1.095	1.095	0.000	97	104715	20.0	16.8	
7 Vinyl chloride	62	1.210	1.210	0.000	99	58884	20.0	15.9	
6 Chloromethane	50	1.210	1.210	0.000	99	74526	20.0	14.8	
175 Butadiene	54	1.217	1.217	0.000	98	49926	20.0	15.1	
9 Bromomethane	94	1.389	1.389	0.000	98	36859	20.0	16.0	
10 Chloroethane	64	1.461	1.454	0.007	100	39368	20.0	19.2	
11 Pentane	72	1.532	1.525	0.007	97	18512	40.0	35.9	
12 Trichlorofluoromethane	101	1.532	1.532	0.000	61	74981	20.0	18.0	
177 Dichlorofluoromethane	67	1.568	1.568	0.000	99	103019	20.0	17.1	
14 2-Methyl-1,3-butadiene	67	1.704	1.697	0.007	98	77282	20.0	17.7	
15 Ethyl ether	59	1.711	1.711	0.000	95	51737	20.0	19.2	
16 Ethanol	46	1.797	1.805	-0.007	99	9150	800.0	608.1	
170 1,2-Dichloro-1,1,2-trifluoroetha	69	1.819	1.819	0.000	95	21540	20.0	18.1	
17 1,1-Dichloroethene	96	1.826	1.819	0.007	98	51454	20.0	19.8	
19 Carbon disulfide	76	1.848	1.840	0.008	100	184811	20.0	19.8	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.848	1.847	0.001	89	54560	20.0	21.8	
174 1,1,1-Trifluoro-2,2-dichloroetha	83	1.855	1.855	0.000	96	80283	20.0	19.4	
22 Iodomethane	142	1.912	1.912	0.000	98	102705	20.0	21.8	
169 Cyclopentene	67	1.998	1.998	0.000	97	108458	20.0	17.1	
24 Acrolein	56	2.019	2.019	0.000	95	11541	39.5	23.5	
164 3-Chloro-1-propene	76	2.105	2.098	0.007	46	34440	20.0	19.4	
26 Isopropyl alcohol	45	2.120	2.127	-0.007	97	21505	200.0	143.9	
27 Methylene Chloride	84	2.170	2.170	0.000	94	64533	20.0	18.6	
28 Acetone	43	2.191	2.191	0.000	87	67696	100.0	93.9	
29 trans-1,2-Dichloroethene	96	2.270	2.270	0.000	99	57760	20.0	19.0	
30 Methyl acetate	74	2.270	2.270	0.000	99	16523	40.0	38.4	
31 Hexane	86	2.327	2.320	0.007	94	14127	20.0	20.7	
32 Methyl tert-butyl ether	73	2.335	2.335	0.000	85	184192	20.0	19.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 33 TBA-d9 (IS)	65	2.349	2.356	-0.007	100	267214	1000.0	1000.0	
34 2-Methyl-2-propanol	59	2.399	2.399	0.000	98	45602	200.0	174.8	
35 Acetonitrile	41	2.485	2.485	0.000	98	64987	200.0	181.2	
36 Isopropyl ether	45	2.585	2.585	0.000	95	194237	20.0	18.7	
37 2-Chloro-1,3-butadiene	88	2.650	2.650	0.000	92	52166	20.0	19.0	
38 1,1-Dichloroethane	63	2.664	2.664	0.000	100	110579	20.0	19.2	
39 Acrylonitrile	53	2.693	2.693	0.000	92	210468	200.0	180.2	
41 Vinyl acetate	43	2.836	2.836	0.000	99	304734	40.0	41.4	
40 Tert-butyl ethyl ether	59	2.836	2.836	0.000	56	196924	20.0	19.2	
42 cis-1,2-Dichloroethene	96	3.044	3.044	0.000	96	64211	20.0	19.4	
43 2,2-Dichloropropane	97	3.123	3.123	0.001	98	17379	20.0	18.4	
45 Chlorobromomethane	128	3.187	3.187	0.000	92	31082	20.0	19.3	
44 Cyclohexane	56	3.201	3.194	0.007	91	102263	20.0	20.3	
46 Chloroform	83	3.252	3.251	0.001	98	101235	20.0	19.0	
48 Ethyl acetate	70	3.345	3.345	0.000	99	14365	40.0	41.0	
49 Methyl acrylate	55	3.345	3.345	0.000	98	54058	20.0	18.6	
47 Carbon tetrachloride	117	3.359	3.352	0.007	99	69832	20.0	19.3	
50 Tetrahydrofuran	42	3.366	3.366	0.000	89	43804	40.0	39.8	
$ 51 Dibromofluoromethane (Surr)	113	3.388	3.388	0.000	97	113703	50.0	50.5	
52 1,1,1-Trichloroethane	97	3.402	3.402	0.000	98	87156	20.0	19.3	
* 53 2-Butanone-d5	46	3.438	3.438	0.000	99	329987	250.0	250.0	
54 2-Butanone (MEK)	72	3.481	3.481	0.000	100	37349	100.0	98.4	
55 1,1-Dichloropropene	110	3.502	3.502	0.000	97	28714	20.0	18.5	
56 Isooctane	57	3.603	3.602	0.000	98	141639	20.0	20.5	
57 n-Heptane	57	3.696	3.696	0.000	78	36590	20.0	20.9	
58 Benzene	78	3.703	3.703	0.000	96	249504	20.0	19.0	
59 Propionitrile	54	3.703	3.710	-0.007	96	71395	200.0	178.5	
60 Methacrylonitrile	67	3.724	3.731	-0.007	92	256394	200.0	193.9	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.810	3.810	0.000	0	135606	50.0	49.8	
62 Tert-amyl methyl ether	73	3.817	3.810	0.007	98	185220	20.0	19.5	
63 1,2-Dichloroethane	62	3.868	3.867	0.001	98	87186	20.0	20.1	
64 Isobutyl alcohol	43	3.925	3.925	0.000	97	48598	500.0	447.9	
* 66 Fluorobenzene	96	4.061	4.061	0.000	99	629891	50.0	50.0	
67 Isopropyl acetate	43	4.111	4.111	0.000	99	112633	20.0	19.0	
68 Methylcyclohexane	83	4.211	4.211	0.000	96	96611	20.0	20.7	
69 Trichloroethene	130	4.219	4.218	0.001	97	62671	20.0	19.4	
72 n-Butanol	56	4.584	4.577	0.007	89	27001	500.0	373.4	
71 Dibromomethane	93	4.598	4.598	0.000	97	40146	20.0	20.0	
73 1,2-Dichloropropane	63	4.698	4.698	0.000	89	64945	20.0	19.2	
74 Ethyl acrylate	55	4.756	4.756	0.000	98	82084	20.0	19.7	
75 Dichlorobromomethane	83	4.777	4.777	0.000	99	80114	20.0	20.0	
* 76 1,4-Dioxane-d8	96	4.956	4.956	0.000	70	35001	1000.0	1000.0	
77 Methyl methacrylate	100	4.963	4.963	0.000	90	35026	40.0	40.2	
78 1,4-Dioxane	88	4.985	4.985	0.000	93	10428	400.0	306.1	
79 n-Propyl acetate	43	5.121	5.121	0.000	99	82052	20.0	18.7	
80 2-Chloroethyl vinyl ether	63	5.400	5.400	0.000	96	42418	20.0	19.2	
81 cis-1,3-Dichloropropene	75	5.436	5.436	0.000	95	101362	20.0	17.9	
S 176 1,3-Dichloropropene, Total	1				0		40.0	38.1	
$ 82 Toluene-d8 (Surr)	98	5.644	5.644	0.000	99	510351	50.0	49.7	
83 Toluene	91	5.701	5.701	0.000	93	263686	20.0	18.8	
84 Epichlorohydrin	57	5.723	5.716	0.007	96	6247	20.0	18.4	a
85 2-Nitropropane	41	5.945	5.945	0.000	99	31889	40.0	37.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 Tetrachloroethene	166	6.153	6.152	0.001	98	63047	20.0	19.5	
87 4-Methyl-2-pentanone (MIBK)	43	6.167	6.167	0.000	97	286720	100.0	101.0	
88 trans-1,3-Dichloropropene	75	6.203	6.203	0.000	99	104090	20.0	20.1	
89 1,1,2-Trichloroethane	83	6.389	6.389	0.000	95	48821	20.0	19.8	
90 Ethyl methacrylate	69	6.453	6.453	0.000	89	83248	20.0	19.1	
91 Chlorodibromomethane	129	6.597	6.597	0.000	98	60058	20.0	19.5	
92 1,3-Dichloropropane	76	6.711	6.711	0.000	95	102236	20.0	19.3	
93 Ethylene Dibromide	107	6.855	6.854	0.001	98	59178	20.0	19.6	
94 n-Butyl acetate	43	7.177	7.177	0.000	98	90905	20.0	19.5	
95 2-Hexanone	43	7.241	7.241	0.000	96	199391	100.0	101.1	
* 96 Chlorobenzene-d5	117	7.557	7.556	0.000	88	493077	50.0	50.0	
97 Chlorobenzene	112	7.578	7.578	0.000	94	174489	20.0	19.3	
98 Ethylbenzene	106	7.657	7.664	-0.007	98	92052	20.0	19.3	
99 1,1,1,2-Tetrachloroethane	131	7.693	7.693	0.000	96	58381	20.0	19.7	
100 m-Xylene & p-Xylene	106	7.872	7.872	0.000	0	114011	20.0	19.4	
101 o-Xylene	106	8.473	8.473	0.000	94	109276	20.0	19.3	
102 Bromoform	173	8.545	8.545	0.000	96	39655	20.0	19.6	
103 Styrene	104	8.559	8.559	0.000	95	189097	20.0	19.7	
104 n-Butyl acrylate	73	8.867	8.867	0.000	97	46676	20.0	19.6	
105 Isopropylbenzene	105	8.968	8.968	0.000	96	281274	20.0	21.4	
106 Amyl acetate (mixed isomers)	43	9.283	9.283	0.000	90	108809	20.0	18.9	
$ 107 4-Bromofluorobenzene	174	9.347	9.347	0.000	88	212502	50.0	51.6	
108 Bromobenzene	156	9.462	9.462	0.000	98	76085	20.0	19.1	
109 N-Propylbenzene	91	9.605	9.605	0.000	99	329913	20.0	19.3	
110 1,1,2,2-Tetrachloroethane	83	9.741	9.741	0.000	98	73172	20.0	19.1	
111 2-Chlorotoluene	91	9.791	9.791	0.000	96	228567	20.0	18.7	
172 4-Ethyltoluene	105	9.799	9.798	0.001	98	275181	20.0	18.7	
113 1,2,3-Trichloropropane	110	9.884	9.892	-0.008	98	22452	20.0	19.1	
114 1,3,5-Trimethylbenzene	105	9.949	9.956	-0.007	93	240128	20.0	19.5	
115 trans-1,4-Dichloro-2-butene	53	9.999	9.999	0.000	92	25613	20.0	19.8	
116 4-Chlorotoluene	91	10.056	10.056	0.000	98	216770	20.0	19.1	
117 tert-Butylbenzene	119	10.429	10.429	0.000	94	195763	20.0	19.3	
119 Butyl Methacrylate	87	10.536	10.536	0.000	93	88051	20.0	19.3	
118 1,2,4-Trimethylbenzene	105	10.558	10.558	0.000	98	252575	20.0	19.4	
120 sec-Butylbenzene	105	10.730	10.730	0.000	99	278081	20.0	19.3	
121 1,3-Dichlorobenzene	146	10.995	10.995	0.000	96	143886	20.0	19.9	
122 4-Isopropyltoluene	119	11.002	11.002	0.000	98	242191	20.0	19.2	
* 123 1,4-Dichlorobenzene-d4	152	11.124	11.131	-0.007	96	287912	50.0	50.0	
124 1,4-Dichlorobenzene	146	11.152	11.152	0.000	97	147920	20.0	19.8	
125 1,2,3-Trimethylbenzene	105	11.245	11.245	0.000	99	256510	20.0	18.5	
165 2,3-Dihydroindene	117	11.410	11.410	0.000	0	254461	20.0	19.5	
127 Benzyl chloride	126	11.546	11.546	0.000	97	32345	20.0	19.5	
167 p-Diethylbenzene	119	11.561	11.561	0.000	93	142695	20.0	19.0	
129 n-Butylbenzene	91	11.632	11.632	0.000	98	212647	20.0	19.4	
130 1,2-Dichlorobenzene	146	11.733	11.732	0.001	96	139204	20.0	19.7	
166 1,2,4,5-Tetramethylbenzene	119	12.542	12.542	0.000	97	233324	20.0	19.9	
132 1,2-Dibromo-3-Chloropropane	157	12.685	12.685	0.000	95	14805	20.0	19.0	
133 1,3,5-Trichlorobenzene	180	12.735	12.735	0.000	97	92700	20.0	20.2	
134 1,2,4-Trichlorobenzene	180	13.366	13.366	0.000	94	91020	20.0	21.6	
135 Hexachlorobutadiene	225	13.380	13.380	0.000	94	30203	20.0	20.9	
136 Naphthalene	128	13.645	13.645	0.000	99	244864	20.0	20.6	
137 1,2,3-Trichlorobenzene	180	13.803	13.803	0.000	96	81873	20.0	21.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 138 1,2-Dichloroethene, Total	100				0		40.0	38.4	
S 140 Xylenes, Total	100				0		40.0	38.7	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

GAS C SP_00565	Amount Added:	20.00	Units: uL	
8260 SP_00179	Amount Added:	20.00	Units: uL	
7 Freons SS_00013	Amount Added:	20.00	Units: uL	
ACROLEIN SP_00164	Amount Added:	4.00	Units: uL	
8260ISNEW_00155	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00246	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 05-May-2024 13:11:07 Chrom Revision: 2.3 26-Apr-2024 12:18:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20240503-175422.b\P27140.D

Injection Date: 03-May-2024 16:40:30 Instrument ID: CVOAMS13 Operator ID:

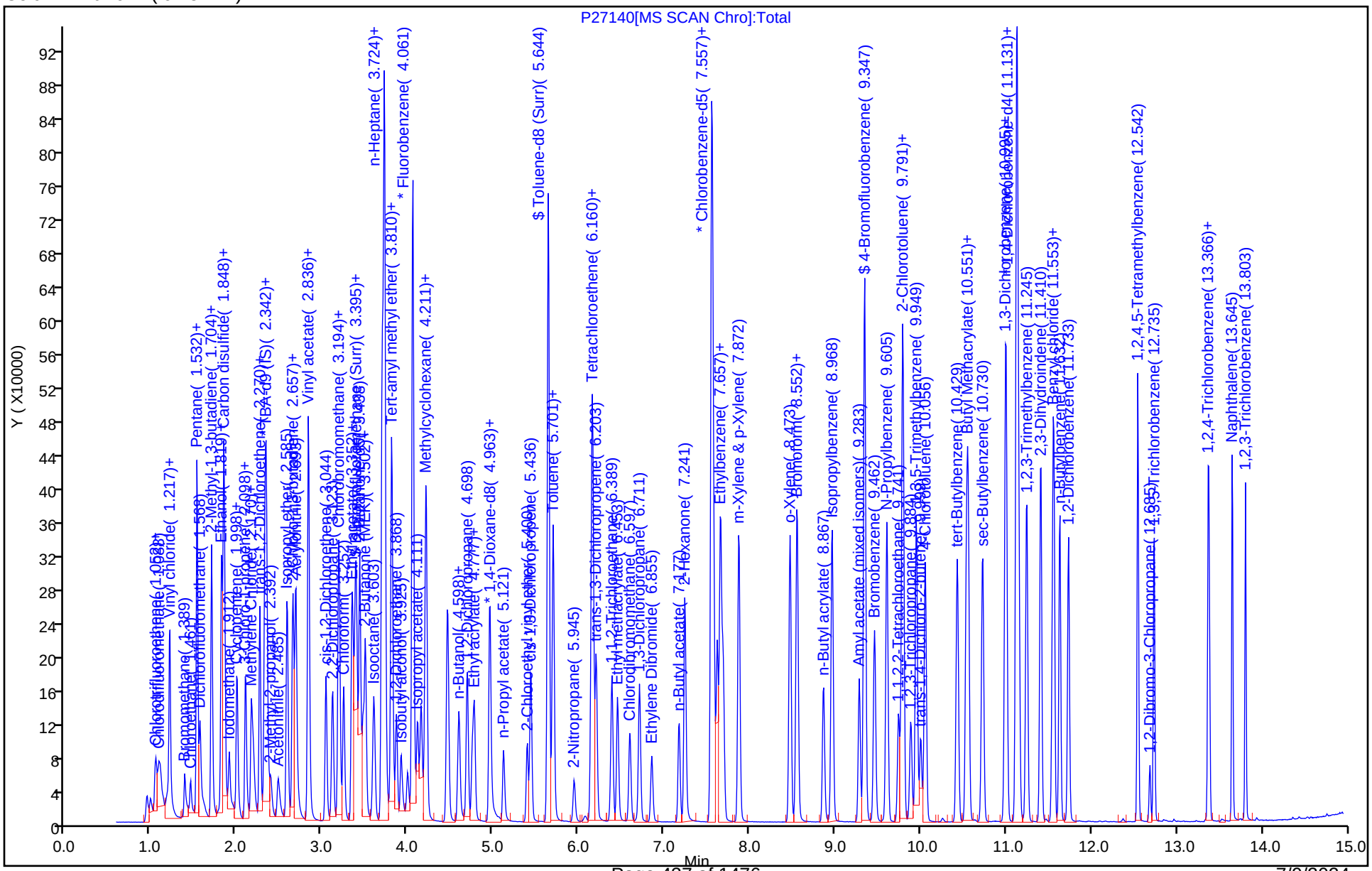
Lims ID: ICV Worklist Smp#: 28

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 27

Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



7/9/2024
8:32:15 AM

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Lab Sample ID: CCVIS 460-973363/2 Calibration Date: 05/07/2024 08:43

Instrument ID: CVOAMS13 Calib Start Date: 05/03/2024 06:36

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 05/03/2024 14:48

Lab File ID: P27268.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	Ave	0.0795	0.0708		17.8	20.0	-10.9	20.0
Dichlorodifluoromethane	QuaF		0.2788	0.1000	16.2	20.0	-19.1	20.0
Chlorodifluoromethane	Ave	0.4951	0.5142		20.8	20.0	3.8	20.0
Chloromethane	Ave	0.3993	0.3712	0.1000	18.6	20.0	-7.1	20.0
Vinyl chloride	Ave	0.2943	0.2779	0.1000	18.9	20.0	-5.6	20.0
Butadiene	Ave	0.2618	0.2396		18.3	20.0	-8.5	20.0
Bromomethane	Ave	8.636	8.995	0.1000	20.8	20.0	4.2	50.0
Chloroethane	Ave	0.1629	0.1819	0.1000	22.3	20.0	11.6	50.0
Pentane	Ave	1.928	2.643		54.8	40.0	37.1*	20.0
Trichlorofluoromethane	Ave	0.3306	0.3475	0.1000	21.0	20.0	5.1	20.0
Dichlorofluoromethane	Ave	0.4786	0.4798		20.1	20.0	0.3	20.0
2-Methyl-1,3-butadiene	Ave	0.3471	0.3676		21.2	20.0	5.9	20.0
Ethyl ether	Ave	0.2135	0.2088		19.6	20.0	-2.2	20.0
Ethanol	Ave	0.0563	0.0656		932	800	16.4	50.0
1,1-Dichloroethene	Ave	0.2068	0.2076	0.1000	20.1	20.0	0.4	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.0944	0.0956		20.3	20.0	1.3	20.0
Carbon disulfide	Ave	0.7400	0.7616	0.1000	20.6	20.0	2.9	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.1987	0.2181	0.1000	22.0	20.0	9.8	20.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.3286	0.3237		19.7	20.0	-1.5	20.0
Iodomethane	Ave	0.3742	0.2419		12.9	20.0	-35.4*	20.0
Cyclopentene	Ave	0.5032	0.4957		19.7	20.0	-1.5	20.0
Acrolein	Ave	1.837	1.624		35.4	40.0	-11.6	50.0
3-Chloro-1-propene	Ave	0.1407	0.1406		20.0	20.0	-0.0	20.0
Isopropyl alcohol	Ave	0.5593	0.5342		191	200	-4.5	50.0
Methylene Chloride	Ave	0.2760	0.2606	0.1000	18.9	20.0	-5.6	20.0
Acetone	Ave	0.5463	0.5239	0.0500	95.9	100	-4.1	50.0
Methyl acetate	Ave	1.611	1.530	0.1000	38.0	40.0	-5.0	20.0
trans-1,2-Dichloroethene	Ave	0.2414	0.2413	0.1000	20.0	20.0	-0.0	20.0
Hexane	Ave	0.0542	0.0593		21.9	20.0	9.4	20.0
MTBE	Ave	0.7370	0.7224	0.1000	19.6	20.0	-2.0	20.0
2-Methyl-2-propanol	Ave	0.9765	0.9732		199	200	-0.3	50.0
Acetonitrile	Ave	1.342	1.498		223	200	11.6	20.0
Isopropyl ether	Ave	0.8266	0.8297		20.1	20.0	0.4	20.0
2-Chloro-1,3-butadiene	Ave	0.2178	0.2117		19.4	20.0	-2.8	20.0
1,1-Dichloroethane	Ave	0.4576	0.4603	0.2000	20.1	20.0	0.6	20.0
Acrylonitrile	Ave	0.0927	0.0856		185	200	-7.7	20.0
Tert-butyl ethyl ether	Ave	0.8162	0.8069		19.8	20.0	-1.1	20.0
Vinyl acetate	Ave	0.5837	0.6175		42.3	40.0	5.8	20.0
cis-1,2-Dichloroethene	Ave	0.2621	0.2571	0.1000	19.6	20.0	-1.9	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Lab Sample ID: CCVIS 460-973363/2 Calibration Date: 05/07/2024 08:43

Instrument ID: CVOAMS13 Calib Start Date: 05/03/2024 06:36

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 05/03/2024 14:48

Lab File ID: P27268.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,2-Dichloropropane	Ave	0.0750	0.0775		20.7	20.0	3.3	20.0
Chlorobromomethane	Ave	0.1276	0.1280		20.1	20.0	0.3	20.0
Cyclohexane	Ave	0.4004	0.4042	0.1000	20.2	20.0	1.0	50.0
Chloroform	Ave	0.4240	0.4238	0.2000	20.0	20.0	-0.0	20.0
Ethyl acetate	Ave	0.2654	0.2707		40.8	40.0	2.0	20.0
Methyl acrylate	Ave	0.2306	0.2216		19.2	20.0	-3.9	20.0
Carbon tetrachloride	Ave	0.2879	0.2913	0.1000	20.2	20.0	1.2	20.0
Tetrahydrofuran	Ave	0.8342	0.8437		40.5	40.0	1.1	20.0
1,1,1-Trichloroethane	Ave	0.3590	0.3618	0.1000	20.2	20.0	0.8	20.0
2-Butanone (MEK)	Ave	0.2875	0.2856	0.0500	99.3	100	-0.7	50.0
1,1-Dichloropropene	Ave	0.1230	0.1210		19.7	20.0	-1.6	20.0
Isooctane	Ave	0.5473	0.5853		21.4	20.0	6.9	20.0
n-Heptane	Ave	0.1390	0.1462		21.0	20.0	5.2	20.0
Benzene	Ave	1.329	1.330	0.5000	20.0	20.0	0.0	20.0
Propionitrile	Ave	1.497	1.485		198	200	-0.8	20.0
Methacrylonitrile	Ave	0.1050	0.0998		190	200	-4.9	20.0
Tert-amyl methyl ether	Ave	0.7523	0.7421		19.7	20.0	-1.3	20.0
1,2-Dichloroethane	Ave	0.3443	0.3465	0.1000	20.1	20.0	0.6	20.0
Isobutyl alcohol	Ave	0.4061	0.4193		516	500	3.3	50.0
Isopropyl acetate	Ave	0.4694	0.4551		19.4	20.0	-3.0	20.0
Methylcyclohexane	Ave	0.3703	0.3824	0.1000	20.7	20.0	3.3	50.0
Trichloroethene	Ave	0.2563	0.2582	0.2000	20.1	20.0	0.7	20.0
n-Butanol	Ave	0.2706	0.2766		511	500	2.2	50.0
Dibromomethane	Ave	0.1590	0.1586		20.0	20.0	-0.2	20.0
1,2-Dichloropropane	Ave	0.2687	0.2677	0.1000	19.9	20.0	-0.3	20.0
Ethyl acrylate	Ave	0.3315	0.3084		18.6	20.0	-7.0	20.0
Dichlorobromomethane	Ave	0.3185	0.3237	0.2000	20.3	20.0	1.6	20.0
Methyl methacrylate	Ave	0.0692	0.0661		38.2	40.0	-4.5	20.0
1,4-Dioxane	Ave	0.9734	1.017		418	400	4.5	50.0
n-Propyl acetate	Ave	0.3485	0.3253		18.7	20.0	-6.7	20.0
2-Chloroethyl vinyl ether	Ave	0.1751	0.1719		19.7	20.0	-1.9	20.0
cis-1,3-Dichloropropene	Ave	0.5734	0.5736	0.2000	20.0	20.0	0.0	50.0
Toluene	Ave	1.425	1.409	0.4000	19.8	20.0	-1.2	20.0
Epichlorohydrin	Ave	0.2573	0.2513		391	400	-2.3	20.0
2-Nitropropane	Ave	0.0672	0.0696		41.4	40.0	3.6	20.0
Tetrachloroethene	Ave	0.3273	0.3283	0.2000	20.1	20.0	0.3	20.0
4-Methyl-2-pentanone (MIBK)	Ave	2.151	2.197	0.0500	102	100	2.2	50.0
trans-1,3-Dichloropropene	Ave	0.5240	0.5255	0.1000	20.1	20.0	0.3	50.0
1,1,2-Trichloroethane	Ave	0.2499	0.2458	0.1000	19.7	20.0	-1.6	20.0
Ethyl methacrylate	Ave	0.3464	0.3246		18.7	20.0	-6.3	20.0
Chlorodibromomethane	Ave	0.3119	0.3168	0.1000	20.3	20.0	1.6	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Lab Sample ID: CCVIS 460-973363/2 Calibration Date: 05/07/2024 08:43

Instrument ID: CVOAMS13 Calib Start Date: 05/03/2024 06:36

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 05/03/2024 14:48

Lab File ID: P27268.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,3-Dichloropropane	Ave	0.5365	0.5228		19.5	20.0	-2.6	20.0
1,2-Dibromoethane	Ave	0.3059	0.3023	0.1000	19.8	20.0	-1.2	20.0
n-Butyl acetate	Ave	0.4721	0.4339		18.4	20.0	-8.1	20.0
2-Hexanone	Ave	1.494	1.521	0.0500	102	100	1.8	50.0
Chlorobenzene	Ave	0.9160	0.9124	0.5000	19.9	20.0	-0.4	20.0
Ethylbenzene	Ave	0.4845	0.4779	0.1000	19.7	20.0	-1.4	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3012	0.3053		20.3	20.0	1.4	20.0
m-Xylene & p-Xylene	Ave	0.5957	0.5812	0.1000	19.5	20.0	-2.4	20.0
o-Xylene	Ave	0.5754	0.5626	0.3000	19.6	20.0	-2.2	20.0
Bromoform	Ave	0.2050	0.2029	0.1000	19.8	20.0	-1.0	20.0
Styrene	Ave	0.9746	0.9637	0.3000	19.8	20.0	-1.1	20.0
n-Butyl acrylate	Ave	0.2416	0.2272		18.8	20.0	-6.0	20.0
Isopropylbenzene	Ave	1.335	1.326	0.1000	19.9	20.0	-0.7	20.0
Amyl acetate (mixed isomers)	Ave	1.002	0.9343		18.6	20.0	-6.8	20.0
Bromobenzene	Ave	0.6926	0.6819		19.7	20.0	-1.6	20.0
N-Propylbenzene	Ave	2.974	2.940		19.8	20.0	-1.1	20.0
1,1,2,2-Tetrachloroethane	Ave	0.6648	0.6357	0.3000	19.1	20.0	-4.4	20.0
2-Chlorotoluene	Ave	2.125	2.068		19.5	20.0	-2.7	20.0
4-Ethyltoluene	Ave	2.561	2.553		19.9	20.0	-0.3	20.0
1,2,3-Trichloropropane	Ave	0.2041	0.2009		19.7	20.0	-1.6	20.0
1,3,5-Trimethylbenzene	Ave	2.141	2.132		19.9	20.0	-0.4	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2243	0.2205		19.7	20.0	-1.7	20.0
4-Chlorotoluene	Ave	1.973	1.915		19.4	20.0	-3.0	20.0
tert-Butylbenzene	Ave	1.762	1.736		19.7	20.0	-1.5	20.0
Butyl Methacrylate	Ave	0.7903	0.7764		19.6	20.0	-1.8	20.0
1,2,4-Trimethylbenzene	Ave	2.265	2.268		20.0	20.0	0.1	20.0
sec-Butylbenzene	Ave	2.504	2.489		19.9	20.0	-0.6	20.0
1,3-Dichlorobenzene	Ave	1.258	1.252	0.6000	19.9	20.0	-0.4	20.0
4-Isopropyltoluene	Ave	2.191	2.221		20.3	20.0	1.3	20.0
1,4-Dichlorobenzene	Ave	1.294	1.300	0.5000	20.1	20.0	0.5	20.0
1,2,3-Trimethylbenzene	Ave	2.404	2.394		19.9	20.0	-0.4	20.0
Indan	Ave	2.268	2.299		20.3	20.0	1.4	20.0
Benzyl chloride	Ave	0.2875	0.2889		20.1	20.0	0.5	50.0
p-Diethylbenzene	Ave	1.302	1.340		20.6	20.0	2.9	20.0
n-Butylbenzene	Ave	1.906	1.930		20.2	20.0	1.2	20.0
1,2-Dichlorobenzene	Ave	1.224	1.218	0.4000	19.9	20.0	-0.5	20.0
1,2,4,5-Tetramethylbenzene	Ave	2.035	2.114		20.8	20.0	3.9	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1355	0.1309	0.0500	19.3	20.0	-3.4	50.0
1,3,5-Trichlorobenzene	Ave	0.7973	0.8405		21.1	20.0	5.4	20.0
1,2,4-Trichlorobenzene	Ave	0.7334	0.7598	0.2000	20.7	20.0	3.6	20.0
Hexachlorobutadiene	Ave	0.2514	0.2648		21.1	20.0	5.3	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Lab Sample ID: CCVIS 460-973363/2 Calibration Date: 05/07/2024 08:43

Instrument ID: CVOAMS13 Calib Start Date: 05/03/2024 06:36

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 05/03/2024 14:48

Lab File ID: P27268.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Naphthalene	Ave	2.067	2.015		19.5	20.0	-2.5	50.0
1,2,3-Trichlorobenzene	Ave	0.6598	0.6815		20.7	20.0	3.3	20.0
Dibromofluoromethane (Surr)	Ave	0.1787	0.1650		46.2	50.0	-7.7	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2161	0.1916		44.3	50.0	-11.3	20.0
Toluene-d8 (Surr)	Ave	1.042	0.9508		45.6	50.0	-8.7	20.0
4-Bromofluorobenzene	Ave	0.4179	0.4121		49.3	50.0	-1.4	20.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20240507-175557.b\P27268.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 07-May-2024 08:43:30 ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0175557-002
Operator ID: Instrument ID: CVOAMS13
Sublist: chrom-8260W_13*sub74

Method: \\chromfs\Edison\ChromData\CVOAMS13\20240507-175557.b\8260W_13.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 07-May-2024 12:35:24 Calib Date: 03-May-2024 14:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20240503-175422.b\P27135.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1687

First Level Reviewer: RD6L Date: 07-May-2024 09:26:37

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
173 Chlorotrifluoroethene	116	1.038	1.038	0.000	92	16416	20.0	17.8	
3 Dichlorodifluoromethane	85	1.053	1.053	0.000	99	64650	20.0	16.2	
168 Chlorodifluoromethane	51	1.088	1.088	0.000	98	119246	20.0	20.8	a
7 Vinyl chloride	62	1.210	1.210	0.000	99	64451	20.0	18.9	
6 Chloromethane	50	1.210	1.210	0.000	99	86080	20.0	18.6	
175 Butadiene	54	1.217	1.217	0.000	98	55573	20.0	18.3	
9 Bromomethane	94	1.389	1.389	0.000	98	39347	20.0	20.8	
10 Chloroethane	64	1.461	1.461	0.000	100	42188	20.0	22.3	
11 Pentane	72	1.532	1.532	0.000	97	23125	40.0	54.8	
12 Trichlorofluoromethane	101	1.532	1.532	0.000	58	80596	20.0	21.0	
177 Dichlorofluoromethane	67	1.568	1.568	0.000	99	111281	20.0	20.1	
14 2-Methyl-1,3-butadiene	67	1.704	1.704	0.000	98	85257	20.0	21.2	
15 Ethyl ether	59	1.704	1.704	0.000	95	48424	20.0	19.6	
16 Ethanol	46	1.797	1.797	0.000	100	11474	800.0	931.6	
170 1,2-Dichloro-1,1,2-trifluoroetha	69	1.819	1.819	0.000	98	22181	20.0	20.3	
17 1,1-Dichloroethene	96	1.819	1.819	0.000	97	48157	20.0	20.1	
19 Carbon disulfide	76	1.840	1.840	0.000	100	176642	20.0	20.6	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.848	1.848	0.000	94	50591	20.0	22.0	
174 1,1,1-Trifluoro-2,2-dichloroetha	83	1.855	1.855	0.000	95	75080	20.0	19.7	
22 Iodomethane	142	1.912	1.912	0.000	99	56096	20.0	12.9	
169 Cyclopentene	67	1.998	1.998	0.000	96	114958	20.0	19.7	
24 Acrolein	56	2.020	2.020	0.000	95	14207	40.0	35.4	
164 3-Chloro-1-propene	76	2.098	2.098	0.000	46	32618	20.0	20.0	
26 Isopropyl alcohol	45	2.120	2.120	0.000	97	23370	200.0	191.0	
27 Methylene Chloride	84	2.170	2.170	0.000	94	60433	20.0	18.9	
28 Acetone	43	2.191	2.191	0.000	86	60100	100.0	95.9	
29 trans-1,2-Dichloroethene	96	2.270	2.270	0.000	99	55961	20.0	20.0	
30 Methyl acetate	74	2.270	2.270	0.000	100	13386	40.0	38.0	
31 Hexane	86	2.328	2.328	0.000	91	13758	20.0	21.9	
32 Methyl tert-butyl ether	73	2.335	2.335	0.000	86	167554	20.0	19.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 33 TBA-d9 (IS)	65	2.349	2.349	0.000	100	218722	1000.0	1000.0	
34 2-Methyl-2-propanol	59	2.399	2.399	0.000	98	42573	200.0	199.3	
35 Acetonitrile	41	2.485	2.485	0.000	98	65520	200.0	223.2	
36 Isopropyl ether	45	2.585	2.585	0.000	95	192437	20.0	20.1	
37 2-Chloro-1,3-butadiene	88	2.650	2.650	0.000	93	49096	20.0	19.4	
38 1,1-Dichloroethane	63	2.664	2.664	0.000	100	106758	20.0	20.1	
39 Acrylonitrile	53	2.693	2.693	0.000	92	198444	200.0	184.5	
41 Vinyl acetate	43	2.836	2.836	0.000	99	286416	40.0	42.3	
40 Tert-butyl ethyl ether	59	2.836	2.836	0.000	56	187136	20.0	19.8	
42 cis-1,2-Dichloroethene	96	3.044	3.044	0.000	96	59625	20.0	19.6	
43 2,2-Dichloropropane	97	3.123	3.123	0.000	98	17974	20.0	20.7	
45 Chlorobromomethane	128	3.187	3.187	0.000	93	29676	20.0	20.1	
44 Cyclohexane	56	3.194	3.194	0.000	92	93742	20.0	20.2	
46 Chloroform	83	3.252	3.252	0.000	98	98281	20.0	20.0	
48 Ethyl acetate	70	3.345	3.345	0.000	99	12421	40.0	40.8	
49 Methyl acrylate	55	3.345	3.345	0.000	98	51391	20.0	19.2	
47 Carbon tetrachloride	117	3.352	3.352	0.000	98	67568	20.0	20.2	
50 Tetrahydrofuran	42	3.366	3.366	0.000	89	38718	40.0	40.5	
$ 51 Dibromofluoromethane (Surr)	113	3.388	3.388	0.000	97	95656	50.0	46.2	
52 1,1,1-Trichloroethane	97	3.402	3.402	0.000	98	83914	20.0	20.2	
* 53 2-Butanone-d5	46	3.438	3.438	0.000	99	286812	250.0	250.0	
54 2-Butanone (MEK)	72	3.474	3.474	0.000	100	32761	100.0	99.3	
55 1,1-Dichloropropene	110	3.502	3.502	0.000	97	28063	20.0	19.7	
56 Isooctane	57	3.603	3.603	0.000	98	135755	20.0	21.4	
57 n-Heptane	57	3.696	3.696	0.000	89	33911	20.0	21.0	
58 Benzene	78	3.703	3.703	0.000	97	239324	20.0	20.0	
59 Propionitrile	54	3.703	3.703	0.000	96	64942	200.0	198.3	
60 Methacrylonitrile	67	3.724	3.724	0.000	92	231567	200.0	190.2	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.810	3.810	0.000	0	111099	50.0	44.3	
62 Tert-amyl methyl ether	73	3.810	3.810	0.000	99	172120	20.0	19.7	
63 1,2-Dichloroethane	62	3.868	3.868	0.000	98	80357	20.0	20.1	
64 Isobutyl alcohol	43	3.918	3.918	0.000	98	45858	500.0	516.3	
* 66 Fluorobenzene	96	4.061	4.061	0.000	99	579816	50.0	50.0	
67 Isopropyl acetate	43	4.111	4.111	0.000	98	105560	20.0	19.4	
68 Methylcyclohexane	83	4.211	4.211	0.000	96	88688	20.0	20.7	
69 Trichloroethene	130	4.219	4.219	0.000	96	59874	20.0	20.1	
72 n-Butanol	56	4.584	4.584	0.000	89	30248	500.0	511.1	
71 Dibromomethane	93	4.598	4.598	0.000	97	36791	20.0	20.0	
73 1,2-Dichloropropane	63	4.699	4.699	0.000	89	62098	20.0	19.9	
74 Ethyl acrylate	55	4.756	4.756	0.000	98	71521	20.0	18.6	
75 Dichlorobromomethane	83	4.777	4.777	0.000	99	75068	20.0	20.3	
* 76 1,4-Dioxane-d8	96	4.956	4.956	0.000	71	31876	1000.0	1000.0	
77 Methyl methacrylate	100	4.964	4.964	0.000	90	30643	40.0	38.2	
78 1,4-Dioxane	88	4.985	4.985	0.000	92	12966	400.0	417.9	
79 n-Propyl acetate	43	5.121	5.121	0.000	98	75453	20.0	18.7	
80 2-Chloroethyl vinyl ether	63	5.400	5.400	0.000	96	39963	20.0	19.7	
81 cis-1,3-Dichloropropene	75	5.443	5.443	0.000	95	103190	20.0	20.0	
S 176 1,3-Dichloropropene, Total	1				0		40.0	40.1	
$ 82 Toluene-d8 (Surr)	98	5.644	5.644	0.000	99	427596	50.0	45.6	
83 Toluene	91	5.701	5.701	0.000	93	253380	20.0	19.8	
84 Epichlorohydrin	57	5.716	5.716	0.000	99	115323	400.0	390.7	
85 2-Nitropropane	41	5.945	5.945	0.000	98	32270	40.0	41.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 Tetrachloroethene	166	6.153	6.153	0.000	98	59066	20.0	20.1	
87 4-Methyl-2-pentanone (MIBK)	43	6.167	6.167	0.000	97	252105	100.0	102.2	
88 trans-1,3-Dichloropropene	75	6.203	6.203	0.000	98	94537	20.0	20.1	
89 1,1,2-Trichloroethane	83	6.389	6.389	0.000	94	44217	20.0	19.7	
90 Ethyl methacrylate	69	6.453	6.453	0.000	89	75288	20.0	18.7	
91 Chlorodibromomethane	129	6.597	6.597	0.000	98	56982	20.0	20.3	
92 1,3-Dichloropropane	76	6.711	6.711	0.000	95	94052	20.0	19.5	
93 Ethylene Dibromide	107	6.855	6.855	0.000	98	54390	20.0	19.8	
94 n-Butyl acetate	43	7.177	7.177	0.000	98	78059	20.0	18.4	
95 2-Hexanone	43	7.241	7.241	0.000	97	174506	100.0	101.8	
* 96 Chlorobenzene-d5	117	7.557	7.557	0.000	88	449731	50.0	50.0	
97 Chlorobenzene	112	7.578	7.578	0.000	96	164129	20.0	19.9	
98 Ethylbenzene	106	7.657	7.657	0.000	98	85962	20.0	19.7	
99 1,1,1,2-Tetrachloroethane	131	7.693	7.693	0.000	95	54923	20.0	20.3	
100 m-Xylene & p-Xylene	106	7.872	7.872	0.000	0	104560	20.0	19.5	
101 o-Xylene	106	8.473	8.473	0.000	94	101199	20.0	19.6	
102 Bromoform	173	8.545	8.545	0.000	95	36503	20.0	19.8	
103 Styrene	104	8.559	8.559	0.000	95	173356	20.0	19.8	
104 n-Butyl acrylate	73	8.867	8.867	0.000	96	40871	20.0	18.8	
105 Isopropylbenzene	105	8.968	8.968	0.000	96	238471	20.0	19.9	
106 Amyl acetate (mixed isomers)	43	9.283	9.283	0.000	90	97190	20.0	18.6	
$ 107 4-Bromofluorobenzene	174	9.347	9.347	0.000	88	185345	50.0	49.3	
108 Bromobenzene	156	9.462	9.462	0.000	98	70932	20.0	19.7	
109 N-Propylbenzene	91	9.605	9.605	0.000	99	305776	20.0	19.8	
110 1,1,2,2-Tetrachloroethane	83	9.741	9.741	0.000	98	66123	20.0	19.1	
111 2-Chlorotoluene	91	9.791	9.791	0.000	96	215164	20.0	19.5	
172 4-Ethyltoluene	105	9.799	9.799	0.000	98	265522	20.0	19.9	
113 1,2,3-Trichloropropane	110	9.885	9.885	0.000	98	20898	20.0	19.7	
114 1,3,5-Trimethylbenzene	105	9.949	9.949	0.000	93	221774	20.0	19.9	
115 trans-1,4-Dichloro-2-butene	53	10.006	10.006	0.000	90	22936	20.0	19.7	
116 4-Chlorotoluene	91	10.056	10.056	0.000	98	199159	20.0	19.4	
117 tert-Butylbenzene	119	10.429	10.429	0.000	94	180557	20.0	19.7	
119 Butyl Methacrylate	87	10.536	10.536	0.000	95	80767	20.0	19.6	
118 1,2,4-Trimethylbenzene	105	10.558	10.558	0.000	98	235914	20.0	20.0	
120 sec-Butylbenzene	105	10.730	10.730	0.000	99	258916	20.0	19.9	
121 1,3-Dichlorobenzene	146	10.995	10.995	0.000	95	130247	20.0	19.9	
122 4-Isopropyltoluene	119	11.002	11.002	0.000	98	231017	20.0	20.3	
* 123 1,4-Dichlorobenzene-d4	152	11.131	11.131	0.000	96	260056	50.0	50.0	
124 1,4-Dichlorobenzene	146	11.152	11.152	0.000	95	135250	20.0	20.1	
125 1,2,3-Trimethylbenzene	105	11.246	11.246	0.000	99	249060	20.0	19.9	
165 2,3-Dihydroindene	117	11.410	11.410	0.000	0	239169	20.0	20.3	
127 Benzyl chloride	126	11.546	11.546	0.000	97	30052	20.0	20.1	
167 p-Diethylbenzene	119	11.561	11.561	0.000	94	139424	20.0	20.6	
129 n-Butylbenzene	91	11.632	11.632	0.000	98	200757	20.0	20.2	
130 1,2-Dichlorobenzene	146	11.733	11.733	0.000	95	126686	20.0	19.9	
166 1,2,4,5-Tetramethylbenzene	119	12.542	12.542	0.000	97	219943	20.0	20.8	
132 1,2-Dibromo-3-Chloropropane	157	12.685	12.685	0.000	95	13621	20.0	19.3	
133 1,3,5-Trichlorobenzene	180	12.735	12.735	0.000	97	87434	20.0	21.1	
134 1,2,4-Trichlorobenzene	180	13.366	13.366	0.000	94	79032	20.0	20.7	
135 Hexachlorobutadiene	225	13.380	13.380	0.000	93	27547	20.0	21.1	
136 Naphthalene	128	13.645	13.645	0.000	99	209650	20.0	19.5	
137 1,2,3-Trichlorobenzene	180	13.803	13.803	0.000	96	70889	20.0	20.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 138 1,2-Dichloroethene, Total	100				0		40.0	39.6	
S 140 Xylenes, Total	100				0		40.0	39.1	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

ACROLEIN W_00168	Amount Added:	4.00	Units: uL	
GASES Li_00582	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00187	Amount Added:	20.00	Units: uL	
524FREONS_00018	Amount Added:	20.00	Units: uL	
8260ISNEW_00155	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00246	Amount Added:	1.00	Units: uL	Run Reagent

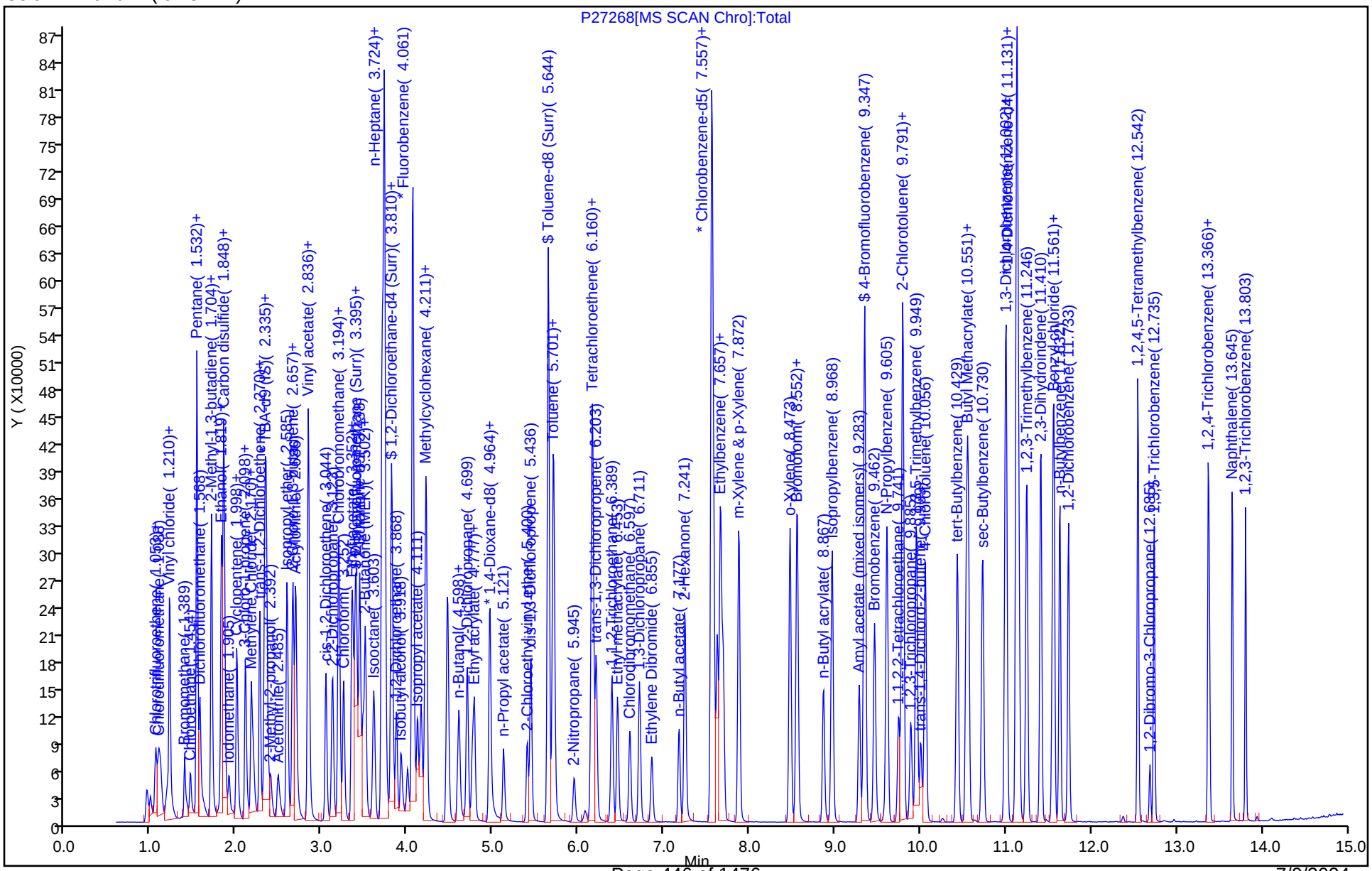
Report Date: 07-May-2024 12:35:26 Chrom Revision: 2.3 26-Apr-2024 12:18:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20240507-175557.b\P27268.D

Injection Date:	07-May-2024 08:43:30	Instrument ID:	CVOAMS13	Operator ID:	
Lims ID:	CCVIS			Worklist Smp#:	2
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	8260W_13	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Lab Sample ID: ICV 460-969539/22 Calibration Date: 04/15/2024 14:25

Instrument ID: CVOAMS2 Calib Start Date: 04/15/2024 07:45

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/15/2024 13:11

Lab File ID: B13398.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.3410	0.2784	0.1000	16.3	20.0	-18.3	30.0
Chlorodifluoromethane	Ave	0.0504	0.0376		14.9	20.0	-25.4	30.0
Chloromethane	Ave	0.2623	0.2363	0.1000	18.0	20.0	-9.9	30.0
Butadiene	Ave	0.1737	0.1583		18.2	20.0	-8.9	30.0
Vinyl chloride	Ave	0.2581	0.2472	0.1000	19.2	20.0	-4.2	30.0
Bromomethane	Ave	0.2061	0.2015	0.1000	19.6	20.0	-2.2	30.0
Chloroethane	Ave	0.1445	0.1432	0.1000	19.8	20.0	-0.9	30.0
Dichlorofluoromethane	QuaF		0.1680		11.1	20.0	-44.7*	30.0
Trichlorofluoromethane	Ave	0.2177	0.1834	0.1000	16.8	20.0	-15.8	30.0
Pentane	Ave	0.2801	0.2215		31.6	40.0	-20.9	30.0
Ethyl ether	Ave	0.1976	0.1784		18.1	20.0	-9.7	30.0
Ethanol	Ave	0.0313	0.0264		675	800	-15.7	30.0
2-Methyl-1,3-butadiene	Ave	0.2101	0.2000		19.0	20.0	-4.8	30.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.2646	0.2305		17.4	20.0	-12.9	30.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.4003	0.3459		17.3	20.0	-13.6	30.0
Acrolein	Ave	0.8864	0.5922		198	296	-33.2*	30.0
1,1-Dichloroethene	Ave	0.2611	0.2363	0.1000	18.1	20.0	-9.5	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2714	0.2488	0.1000	18.3	20.0	-8.3	30.0
Acetone	Ave	0.7678	0.6760	0.0500	88.0	100	-12.0	30.0
Iodomethane	Ave	0.5469	0.5122		18.7	20.0	-6.4	30.0
Carbon disulfide	Ave	0.9634	0.8958	0.1000	18.6	20.0	-7.0	30.0
Isopropyl alcohol	Ave	0.3474	0.2768		159	200	-20.3	30.0
3-Chloro-1-propene	Ave	0.2907	0.2575		17.7	20.0	-11.4	30.0
Acetonitrile	Ave	0.2863	0.2420		169	200	-15.5	30.0
Methyl acetate	Ave	0.2184	0.2237	0.1000	41.0	40.0	2.4	30.0
Methylene Chloride	Ave	0.3384	0.3131	0.1000	18.5	20.0	-7.5	30.0
2-Methyl-2-propanol	Ave	1.027	0.9687		189	200	-5.7	30.0
Acrylonitrile	Ave	2.662	2.347		176	200	-11.8	30.0
trans-1,2-Dichloroethene	Ave	0.3087	0.2884	0.1000	18.7	20.0	-6.6	30.0
MTBE	Ave	0.8048	0.7752	0.1000	19.3	20.0	-3.7	30.0
Hexane	Ave	0.3645	0.3442		18.9	20.0	-5.6	30.0
1,1-Dichloroethane	Ave	0.4839	0.4637	0.2000	19.2	20.0	-4.2	30.0
Vinyl acetate	Ave	0.4892	0.4546		37.2	40.0	-7.1	30.0
2-Chloro-1,3-butadiene	Ave	0.2479	0.2389		19.3	20.0	-3.6	30.0
Isopropyl ether	Ave	0.7149	0.6632		18.6	20.0	-7.2	30.0
Tert-butyl ethyl ether	Ave	0.3293	0.3176		19.3	20.0	-3.6	30.0
cis-1,2-Dichloroethene	Ave	0.3333	0.3158	0.1000	19.0	20.0	-5.2	30.0
2,2-Dichloropropane	Ave	0.1197	0.1067		17.8	20.0	-10.9	30.0
2-Butanone (MEK)	Ave	0.3235	0.3026	0.0500	93.5	100	-6.5	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Lab Sample ID: ICV 460-969539/22 Calibration Date: 04/15/2024 14:25

Instrument ID: CVOAMS2 Calib Start Date: 04/15/2024 07:45

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/15/2024 13:11

Lab File ID: B13398.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propionitrile	Ave	0.3660	0.3399		186	200	-7.1	30.0
Ethyl acetate	Ave	2.097	1.966		37.5	40.0	-6.2	30.0
Methyl acrylate	Ave	0.2771	0.2964		21.4	20.0	7.0	30.0
Methacrylonitrile	Ave	0.1080	0.1098		203	200	1.7	30.0
Chlorobromomethane	Ave	0.1756	0.1649		18.8	20.0	-6.1	30.0
Tetrahydrofuran	Ave	0.8830	0.8407		38.1	40.0	-4.8	30.0
Chloroform	Ave	0.5172	0.4778	0.2000	18.5	20.0	-7.6	30.0
1,1,1-Trichloroethane	Ave	0.4206	0.3987	0.1000	19.0	20.0	-5.2	30.0
Cyclohexane	Ave	0.4312	0.3952	0.1000	18.3	20.0	-8.3	30.0
1,1-Dichloropropene	Ave	0.3641	0.3336		18.3	20.0	-8.4	30.0
Carbon tetrachloride	Ave	0.3932	0.3621	0.1000	18.4	20.0	-7.9	30.0
Benzene	Ave	1.269	1.186	0.5000	18.7	20.0	-6.5	30.0
Isobutyl alcohol	Ave	0.1910	0.1551		406	500	-18.8	30.0
1,2-Dichloroethane	Ave	0.3514	0.3221	0.1000	18.3	20.0	-8.3	30.0
Isopropyl acetate	Ave	0.0951	0.0958		20.2	20.0	0.8	30.0
Tert-amyl methyl ether	Ave	0.9018	0.9121		20.2	20.0	1.1	30.0
n-Heptane	Ave	0.3331	0.3213		19.3	20.0	-3.6	30.0
Trichloroethene	Ave	0.2859	0.2649	0.2000	18.5	20.0	-7.3	30.0
n-Butanol	QuaF		0.0897		440	500	-12.0	30.0
Ethyl acrylate	Ave	0.6177	0.5971		19.3	20.0	-3.3	30.0
Methylcyclohexane	Ave	0.4981	0.4641	0.1000	18.6	20.0	-6.8	30.0
1,2-Dichloropropane	Ave	0.2692	0.2536	0.1000	18.8	20.0	-5.8	30.0
Dibromomethane	Ave	0.1833	0.1778		19.4	20.0	-3.0	30.0
1,4-Dioxane	Ave	1.059	1.049		396	400	-0.9	30.0
Methyl methacrylate	Ave	0.0744	0.0776		41.7	40.0	4.2	30.0
n-Propyl acetate	Ave	0.2929	0.2918		19.9	20.0	-0.4	30.0
Dichlorobromomethane	Ave	0.3604	0.3442	0.2000	19.1	20.0	-4.5	30.0
2-Nitropropane	Ave	0.0538	0.0532		39.6	40.0	-1.1	30.0
2-Chloroethyl vinyl ether	Lin2		0.0936		16.2	20.0	-19.0	30.0
Epichlorohydrin	Ave	0.2294	0.2185		19.1	20.0	-4.7	30.0
cis-1,3-Dichloropropene	Ave	0.4895	0.4229	0.2000	17.3	20.0	-13.6	30.0
4-Methyl-2-pentanone (MIBK)	Ave	2.081	1.952	0.0500	93.8	100	-6.2	30.0
Toluene	Ave	1.349	1.220	0.4000	18.1	20.0	-9.5	30.0
trans-1,3-Dichloropropene	Ave	0.4174	0.3958	0.1000	19.0	20.0	-5.2	30.0
Ethyl methacrylate	Ave	0.3128	0.2936		18.8	20.0	-6.2	30.0
1,1,2-Trichloroethane	Ave	0.2318	0.2253	0.1000	19.4	20.0	-2.8	30.0
Tetrachloroethene	Ave	0.3814	0.3489	0.2000	18.3	20.0	-8.5	30.0
1,3-Dichloropropane	Ave	0.4437	0.4293		19.4	20.0	-3.2	30.0
2-Hexanone	Ave	1.396	1.338	0.0500	95.9	100	-4.1	30.0
Chlorodibromomethane	Ave	0.3548	0.3337	0.1000	18.8	20.0	-5.9	30.0
1,2-Dibromoethane	Ave	0.2946	0.2853	0.1000	19.4	20.0	-3.2	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Lab Sample ID: ICV 460-969539/22 Calibration Date: 04/15/2024 14:25

Instrument ID: CVOAMS2 Calib Start Date: 04/15/2024 07:45

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/15/2024 13:11

Lab File ID: B13398.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
n-Butyl acetate	Ave	0.3593	0.3597		20.0	20.0	0.1	30.0
Chlorobenzene	Ave	0.9275	0.8543	0.5000	18.4	20.0	-7.9	30.0
1,1,1,2-Tetrachloroethane	Ave	0.3556	0.3348		18.8	20.0	-5.9	30.0
Ethylbenzene	Ave	0.4734	0.4430	0.1000	18.7	20.0	-6.4	30.0
m-Xylene & p-Xylene	Ave	0.5821	0.5497	0.1000	18.9	20.0	-5.6	30.0
o-Xylene	Ave	0.5833	0.5546	0.3000	19.0	20.0	-4.9	30.0
Styrene	Ave	0.9223	0.9017	0.3000	19.6	20.0	-2.2	30.0
n-Butyl acrylate	Ave	0.2199	0.2180		19.8	20.0	-0.8	30.0
Bromoform	Ave	0.2724	0.2559	0.1000	18.8	20.0	-6.1	30.0
Amyl acetate (mixed isomers)	Ave	0.6500	0.6101		18.8	20.0	-6.1	30.0
Isopropylbenzene	Ave	1.396	1.456	0.1000	20.9	20.0	4.3	30.0
Bromobenzene	Ave	0.7118	0.6538		18.4	20.0	-8.1	30.0
1,1,2,2-Tetrachloroethane	Ave	0.6708	0.6595	0.3000	19.7	20.0	-1.7	30.0
1,2,3-Trichloropropane	Ave	0.1924	0.1940		20.2	20.0	0.8	30.0
trans-1,4-Dichloro-2-butene	Ave	0.1509	0.1477		19.6	20.0	-2.1	30.0
N-Propylbenzene	Ave	0.6852	0.6497		19.0	20.0	-5.2	30.0
2-Chlorotoluene	Ave	0.6370	0.5935		18.6	20.0	-6.8	30.0
4-Ethyltoluene	Ave	2.435	2.209		18.1	20.0	-9.3	30.0
4-Chlorotoluene	Ave	1.964	1.784		18.2	20.0	-9.2	30.0
1,3,5-Trimethylbenzene	Ave	2.059	1.934		18.8	20.0	-6.1	30.0
Butyl Methacrylate	Ave	0.6278	0.5541		17.7	20.0	-11.7	30.0
tert-Butylbenzene	Ave	1.782	1.623		18.2	20.0	-9.0	30.0
1,2,4-Trimethylbenzene	Ave	2.148	2.015		18.8	20.0	-6.2	30.0
sec-Butylbenzene	Ave	2.655	2.492		18.8	20.0	-6.1	30.0
1,3-Dichlorobenzene	Ave	1.349	1.251	0.6000	18.5	20.0	-7.3	30.0
4-Isopropyltoluene	Ave	2.426	2.155		17.8	20.0	-11.2	30.0
1,4-Dichlorobenzene	Ave	1.389	1.285	0.5000	18.5	20.0	-7.5	30.0
1,2,3-Trimethylbenzene	Ave	2.335	2.061		17.7	20.0	-11.7	30.0
Benzyl chloride	Ave	0.2670	0.2078		15.6	20.0	-22.2	30.0
Indan	Ave	1.191	1.116		18.8	20.0	-6.2	30.0
1,2-Dichlorobenzene	Ave	1.336	1.260	0.4000	18.9	20.0	-5.7	30.0
p-Diethylbenzene	Ave	1.476	1.363		18.5	20.0	-7.6	30.0
n-Butylbenzene	Ave	1.228	1.143		18.6	20.0	-6.9	30.0
1,2,4,5-Tetramethylbenzene	Ave	2.196	1.983		18.1	20.0	-9.7	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.1794	0.1732	0.0500	19.3	20.0	-3.5	30.0
1,3,5-Trichlorobenzene	Ave	1.146	1.037		18.1	20.0	-9.5	30.0
1,2,4-Trichlorobenzene	Ave	1.068	0.9943	0.2000	18.6	20.0	-6.9	30.0
Hexachlorobutadiene	Ave	0.5658	0.5032		17.8	20.0	-11.1	30.0
Naphthalene	Ave	2.464	2.392		19.4	20.0	-2.9	30.0
1,2,3-Trichlorobenzene	Ave	1.064	0.9731		18.3	20.0	-8.5	30.0
Dibromofluoromethane (Surr)	Ave	0.3425	0.3470		50.7	50.0	1.3	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Lab Sample ID: ICV 460-969539/22 Calibration Date: 04/15/2024 14:25

Instrument ID: CVOAMS2 Calib Start Date: 04/15/2024 07:45

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/15/2024 13:11

Lab File ID: B13398.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dichloroethane-d4 (Surr)	Ave	0.3221	0.3293		51.1	50.0	2.2	30.0
Toluene-d8 (Surr)	Ave	1.409	1.439		51.0	50.0	2.1	30.0
4-Bromofluorobenzene	Ave	0.8140	0.8041		49.4	50.0	-1.2	30.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20240415-174688.b\B13398.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 15-Apr-2024 14:25:30 ALS Bottle#: 21 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ICV
Misc. Info.: 460-0174688-022
Operator ID: Instrument ID: CVOAMS2
Sublist:

Method: \\chromfs\Edison\ChromData\CVOAMS2\20240415-174688.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Apr-2024 20:47:11 Calib Date: 15-Apr-2024 13:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20240415-174688.b\B13395.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1605

First Level Reviewer: N1JZ Date: 16-Apr-2024 03:40:44

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Dichlorodifluoromethane	85	0.971	0.953	0.018	96	67536	20.0	16.3	
4 Chlorodifluoromethane	67	0.977	0.965	0.012	95	9121	20.0	14.9	
5 Chloromethane	50	1.057	1.050	0.007	98	57301	20.0	18.0	
6 Butadiene	54	1.136	1.124	0.012	95	38388	20.0	18.2	
7 Vinyl chloride	62	1.142	1.136	0.006	97	59948	20.0	19.2	
8 Bromomethane	94	1.325	1.313	0.012	99	48867	20.0	19.6	
9 Chloroethane	64	1.374	1.374	0.000	99	34735	20.0	19.8	
10 Dichlorofluoromethane	67	1.508	1.502	0.006	99	40745	20.0	11.1	
11 Trichlorofluoromethane	101	1.551	1.550	0.000	99	44475	20.0	16.8	
12 Pentane	43	1.581	1.569	0.012	94	107454	40.0	31.6	
13 Ethyl ether	59	1.709	1.703	0.006	97	43260	20.0	18.1	
14 Ethanol	46	1.715	1.715	0.000	62	11186	800.0	674.6	
15 2-Methyl-1,3-butadiene	53	1.727	1.721	0.006	88	48498	20.0	19.0	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.752	1.745	0.007	95	55896	20.0	17.4	
17 1,1,1-Trifluoro-2,2-dichloroetha	83	1.794	1.788	0.006	93	83892	20.0	17.3	a
18 Acrolein	56	1.807	1.794	0.013	96	92951	296.3	197.9	
19 1,1-Dichloroethene	96	1.874	1.861	0.013	97	57322	20.0	18.1	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.898	1.880	0.018	97	60336	20.0	18.3	
21 Acetone	43	1.916	1.910	0.006	88	94593	100.0	88.0	
22 Iodomethane	142	1.971	1.959	0.012	97	124221	20.0	18.7	
23 Carbon disulfide	76	2.008	2.001	0.007	99	217261	20.0	18.6	
24 Isopropyl alcohol	45	2.050	2.038	0.012	40	29332	200.0	159.3	a
25 3-Chloro-1-propene	39	2.111	2.105	0.006	93	62466	20.0	17.7	
27 Acetonitrile	40	2.117	2.111	0.006	79	25650	200.0	169.1	
26 Methyl acetate	43	2.136	2.136	0.000	98	108507	40.0	41.0	
28 Methylene Chloride	84	2.197	2.203	-0.006	87	75932	20.0	18.5	
* 29 TBA-d9 (IS)	65	2.288	2.294	-0.006	0	529853	1000.0	1000.0	
30 2-Methyl-2-propanol	59	2.367	2.367	0.000	97	102656	200.0	188.7	a
31 Acrylonitrile	53	2.392	2.379	0.013	96	248699	200.0	176.3	
32 trans-1,2-Dichloroethene	96	2.398	2.392	0.006	93	69938	20.0	18.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	2.422	2.416	0.006	97	188027	20.0	19.3	
34 Hexane	57	2.611	2.611	0.000	89	83476	20.0	18.9	
35 1,1-Dichloroethane	63	2.727	2.715	0.012	99	112462	20.0	19.2	
36 Vinyl acetate	86	2.782	2.776	0.006	99	25444	40.0	37.2	
37 2-Chloro-1,3-butadiene	88	2.794	2.788	0.006	90	57947	20.0	19.3	
38 Isopropyl ether	45	2.812	2.806	0.006	84	160851	20.0	18.6	
39 Tert-butyl ethyl ether	87	3.111	3.111	0.000	94	77025	20.0	19.3	
* 40 2-Butanone-d5	46	3.184	3.184	0.000	0	349844	250.0	250.0	
41 cis-1,2-Dichloroethene	96	3.203	3.209	-0.006	98	76595	20.0	19.0	
42 2,2-Dichloropropane	79	3.221	3.221	0.000	89	25879	20.0	17.8	a
43 2-Butanone (MEK)	72	3.239	3.239	0.000	97	42347	100.0	93.5	
44 Propionitrile	54	3.294	3.288	0.006	95	95131	200.0	185.7	
45 Ethyl acetate	43	3.306	3.300	0.006	99	110052	40.0	37.5	
62 Methyl acrylate	55	3.325	3.324	0.001	99	71896	20.0	21.4	
46 Chlorobromomethane	128	3.422	3.410	0.012	55	39996	20.0	18.8	
47 Methacrylonitrile	67	3.416	3.416	0.000	86	266341	200.0	203.4	
48 Tetrahydrofuran	42	3.471	3.471	0.000	68	47057	40.0	38.1	
49 Chloroform	83	3.501	3.501	0.000	99	115890	20.0	18.5	
$ 50 Dibromofluoromethane (Surr)	113	3.648	3.641	0.007	98	210426	50.0	50.7	
51 1,1,1-Trichloroethane	97	3.666	3.666	0.000	97	96696	20.0	19.0	
52 Cyclohexane	84	3.721	3.721	0.000	86	95861	20.0	18.3	
54 1,1-Dichloropropene	75	3.812	3.812	0.000	98	80911	20.0	18.3	
53 Carbon tetrachloride	117	3.824	3.824	0.000	97	87820	20.0	18.4	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	3.959	3.952	0.007	0	199681	50.0	51.1	
56 Benzene	78	4.013	4.007	0.006	96	247534	20.0	18.7	
58 Isobutyl alcohol	42	4.026	4.032	-0.006	44	41077	500.0	406.0	
57 1,2-Dichloroethane	62	4.038	4.032	0.006	97	78119	20.0	18.3	
73 Isopropyl acetate	61	4.154	4.160	-0.006	96	23241	20.0	20.2	
59 Tert-amyl methyl ether	73	4.172	4.160	0.012	92	221234	20.0	20.2	
* 60 Fluorobenzene	96	4.306	4.306	0.000	99	606357	50.0	50.0	
61 n-Heptane	43	4.337	4.336	0.001	87	77921	20.0	19.3	
63 Trichloroethene	95	4.696	4.696	0.000	95	64252	20.0	18.5	
64 n-Butanol	43	4.721	4.720	0.001	85	23752	500.0	439.9	
66 Ethyl acrylate	55	4.891	4.891	0.000	99	144825	20.0	19.3	
65 Methylcyclohexane	83	4.910	4.903	0.007	93	112563	20.0	18.6	
67 1,2-Dichloropropane	63	4.940	4.934	0.006	92	61520	20.0	18.8	
68 Dibromomethane	93	5.062	5.056	0.006	93	43115	20.0	19.4	
* 69 1,4-Dioxane-d8	96	5.062	5.056	0.006	0	35136	1000.0	1000.0	
70 1,4-Dioxane	88	5.117	5.135	-0.018	94	14741	400.0	396.3	
71 Methyl methacrylate	100	5.135	5.135	0.000	82	37637	40.0	41.7	
81 n-Propyl acetate	43	5.227	5.233	-0.006	96	70776	20.0	19.9	
72 Dichlorobromomethane	83	5.275	5.269	0.006	99	83481	20.0	19.1	
74 2-Nitropropane	41	5.556	5.556	0.000	98	25791	40.0	39.6	
75 2-Chloroethyl vinyl ether	63	5.678	5.678	0.000	91	22703	20.0	16.2	
76 Epichlorohydrin	57	5.727	5.720	0.007	56	6116	20.0	19.1	Ma
77 cis-1,3-Dichloropropene	75	5.824	5.824	0.000	89	88255	20.0	17.3	
78 4-Methyl-2-pentanone (MIBK)	43	6.068	6.068	0.000	94	273202	100.0	93.8	
$ 79 Toluene-d8 (Surr)	98	6.147	6.147	0.000	99	750508	50.0	51.0	
80 Toluene	91	6.239	6.232	0.007	93	254646	20.0	18.1	
82 trans-1,3-Dichloropropene	75	6.562	6.562	0.000	95	82596	20.0	19.0	
84 Ethyl methacrylate	69	6.757	6.757	0.000	87	71210	20.0	18.8	a
83 1,1,2-Trichloroethane	83	6.787	6.787	0.000	95	47019	20.0	19.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Tetrachloroethene	166	6.934	6.933	0.001	97	72811	20.0	18.3	
86 1,3-Dichloropropane	76	6.982	6.982	0.000	90	89593	20.0	19.4	
87 2-Hexanone	43	7.147	7.147	0.000	92	187210	100.0	95.9	
88 Chlorodibromomethane	129	7.232	7.232	0.000	98	69635	20.0	18.8	
89 Ethylene Dibromide	107	7.324	7.324	0.000	97	59528	20.0	19.4	
90 n-Butyl acetate	43	7.330	7.330	0.000	96	75054	20.0	20.0	
* 91 Chlorobenzene-d5	117	7.830	7.830	0.000	83	521693	50.0	50.0	
92 Chlorobenzene	112	7.860	7.854	0.006	97	178270	20.0	18.4	
93 1,1,1,2-Tetrachloroethane	131	7.952	7.952	0.000	96	69861	20.0	18.8	
94 Ethylbenzene	106	7.988	7.994	-0.006	98	92439	20.0	18.7	
95 m-Xylene & p-Xylene	106	8.110	8.110	0.000	0	114711	20.0	18.9	
96 o-Xylene	106	8.458	8.458	0.000	95	115734	20.0	19.0	
97 Styrene	104	8.476	8.470	0.006	97	188174	20.0	19.6	
98 n-Butyl acrylate	73	8.488	8.494	-0.006	98	45494	20.0	19.8	
99 Bromoform	173	8.604	8.610	-0.006	98	53396	20.0	18.8	
101 Amyl acetate (mixed isomers)	43	8.695	8.695	0.000	93	81393	20.0	18.8	
102 Isopropylbenzene	105	8.787	8.787	0.000	95	303792	20.0	20.9	
$ 103 4-Bromofluorobenzene	174	8.897	8.896	0.001	97	268190	50.0	49.4	
104 Bromobenzene	156	9.000	9.000	0.000	91	87223	20.0	18.4	
106 1,1,2,2-Tetrachloroethane	83	9.043	9.043	0.000	98	87983	20.0	19.7	
105 1,2,3-Trichloropropane	110	9.061	9.061	0.000	96	25878	20.0	20.2	
107 trans-1,4-Dichloro-2-butene	53	9.086	9.085	0.001	93	19703	20.0	19.6	
108 N-Propylbenzene	120	9.122	9.122	0.000	100	86673	20.0	19.0	
109 2-Chlorotoluene	126	9.171	9.171	0.000	96	79179	20.0	18.6	
110 4-Ethyltoluene	105	9.214	9.213	0.001	99	294744	20.0	18.1	
111 4-Chlorotoluene	91	9.256	9.256	0.000	97	238047	20.0	18.2	
112 1,3,5-Trimethylbenzene	105	9.269	9.268	0.000	94	258044	20.0	18.8	
100 Butyl Methacrylate	87	9.372	9.372	0.000	88	73923	20.0	17.7	
113 tert-Butylbenzene	119	9.512	9.512	0.000	95	216482	20.0	18.2	
114 1,2,4-Trimethylbenzene	105	9.549	9.549	0.000	96	268858	20.0	18.8	
115 sec-Butylbenzene	105	9.677	9.677	0.000	99	332402	20.0	18.8	
116 1,3-Dichlorobenzene	146	9.738	9.738	0.000	97	166869	20.0	18.5	
119 4-Isopropyltoluene	119	9.793	9.793	0.000	98	287464	20.0	17.8	
* 117 1,4-Dichlorobenzene-d4	152	9.793	9.793	0.000	94	333514	50.0	50.0	
118 1,4-Dichlorobenzene	146	9.811	9.805	0.006	96	171391	20.0	18.5	
120 1,2,3-Trimethylbenzene	105	9.860	9.860	0.000	98	274909	20.0	17.7	
121 Benzyl chloride	126	9.915	9.915	0.000	99	27718	20.0	15.6	
122 2,3-Dihydroindene	117	9.994	9.994	0.000	95	270793	20.0	18.8	
124 p-Diethylbenzene	119	10.073	10.073	0.000	94	181872	20.0	18.5	
123 1,2-Dichlorobenzene	146	10.073	10.073	0.000	94	168038	20.0	18.9	
125 n-Butylbenzene	92	10.092	10.091	0.001	98	152473	20.0	18.6	
127 1,2,4,5-Tetramethylbenzene	119	10.616	10.616	0.000	98	264537	20.0	18.1	
126 1,2-Dibromo-3-Chloropropane	157	10.628	10.628	0.000	88	23110	20.0	19.3	
128 1,3,5-Trichlorobenzene	180	10.774	10.774	0.000	97	138279	20.0	18.1	
129 1,2,4-Trichlorobenzene	180	11.189	11.189	0.000	93	132646	20.0	18.6	
130 Hexachlorobutadiene	225	11.317	11.317	0.000	97	67135	20.0	17.8	
131 Naphthalene	128	11.353	11.353	0.000	99	319106	20.0	19.4	
132 1,2,3-Trichlorobenzene	180	11.530	11.530	0.000	96	129819	20.0	18.3	
S 133 1,2-Dichloroethene, Total	100				0		40.0	37.6	
S 134 1,3-Dichloropropene, Total	100				0		40.0	36.2	
S 135 Xylenes, Total	100				0		40.0	37.9	
S 136 Total BTEX	1				0		100.0	93.4	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN SP_00164	Amount Added:	3.00	Units: uL	
8260 SP_00179	Amount Added:	2.00	Units: uL	
GAS C SP_00563	Amount Added:	2.00	Units: uL	
7 Freons SS_00013	Amount Added:	2.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00245	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 17-Apr-2024 20:47:13 Chrom Revision: 2.3 09-Apr-2024 17:43:44

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20240415-174688.b\B13398.D

Injection Date: 15-Apr-2024 14:25:30 Instrument ID: CVOAMS2 Operator ID:

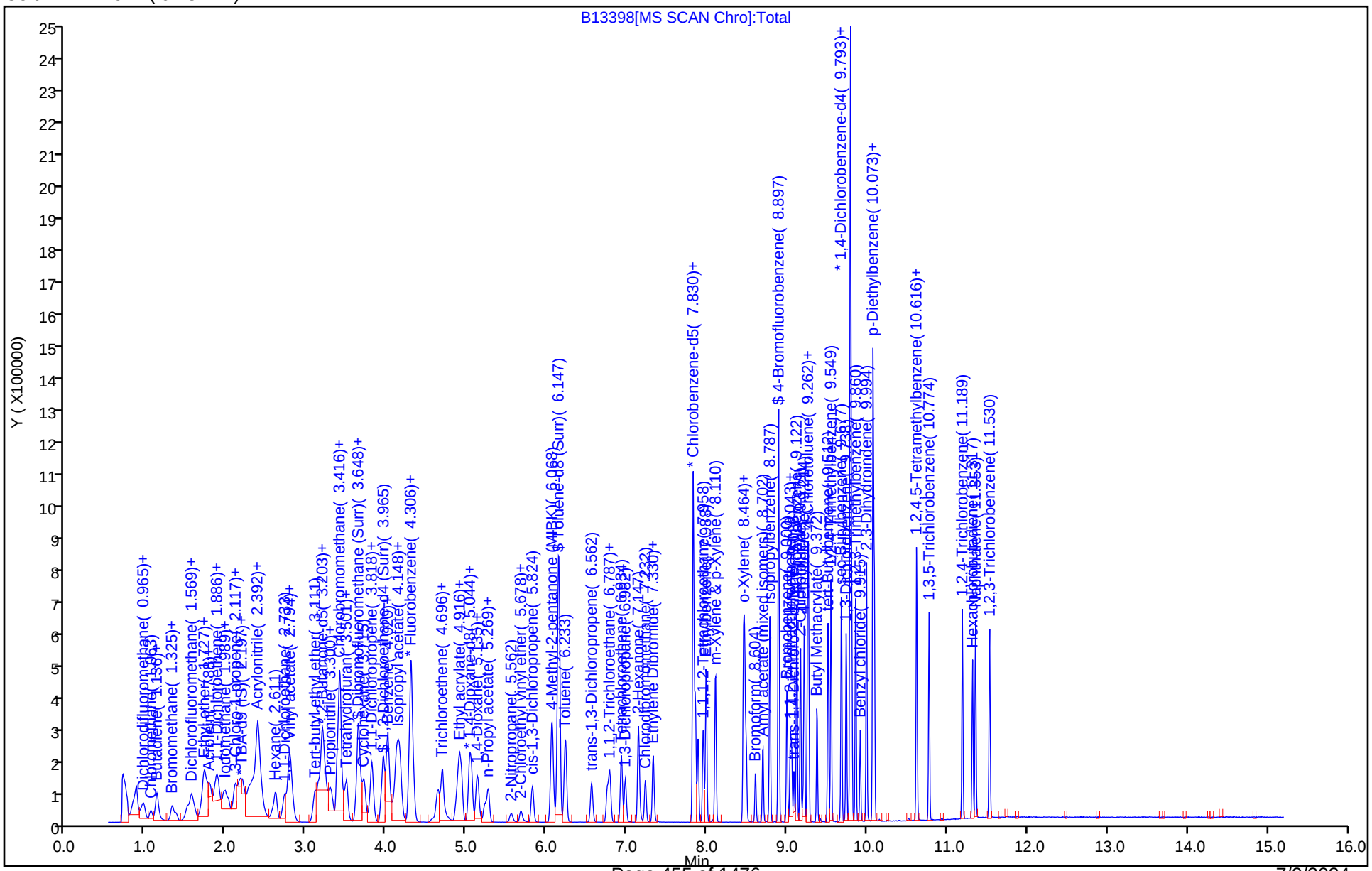
Lims ID: ICV Worklist Smp#: 22

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 21

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Lab Sample ID: CCVIS 460-973337/2 Calibration Date: 05/07/2024 04:20

Instrument ID: CVOAMS2 Calib Start Date: 04/15/2024 07:45

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/15/2024 13:11

Lab File ID: B13888.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.3410	0.3057	0.1000	17.9	20.0	-10.4	20.0
Chlorodifluoromethane	Ave	0.0504	0.0523		20.8	20.0	3.8	20.0
Chloromethane	Ave	0.2623	0.2141	0.1000	16.3	20.0	-18.4	20.0
Butadiene	Ave	0.1737	0.1736		20.0	20.0	-0.0	20.0
Vinyl chloride	Ave	0.2581	0.2524	0.1000	19.6	20.0	-2.2	20.0
Bromomethane	Ave	0.2061	0.2316	0.1000	22.5	20.0	12.4	50.0
Chloroethane	Ave	0.1445	0.1618	0.1000	22.4	20.0	11.9	50.0
Dichlorofluoromethane	QuaF		0.1184		7.81	20.0	-61.0*	20.0
Trichlorofluoromethane	Ave	0.2177	0.1965	0.1000	18.0	20.0	-9.8	20.0
Pentane	Ave	0.2801	0.3146		44.9	40.0	12.3	20.0
Ethyl ether	Ave	0.1976	0.1944		19.7	20.0	-1.6	20.0
2-Methyl-1,3-butadiene	Ave	0.2101	0.2395		22.8	20.0	14.0	20.0
Ethanol	Ave	0.0313	0.0319		814	800	1.8	50.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.2646	0.3206		24.2	20.0	21.2*	20.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.4003	0.4491		22.4	20.0	12.2	20.0
Acrolein	Ave	0.8864	0.9214		312	300	3.9	50.0
1,1-Dichloroethene	Ave	0.2611	0.2899	0.1000	22.2	20.0	11.0	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2714	0.3130	0.1000	23.1	20.0	15.3	20.0
Acetone	Ave	0.7678	0.8022	0.0500	104	100	4.5	50.0
Iodomethane	Ave	0.5469	0.5906		21.6	20.0	8.0	20.0
Carbon disulfide	Ave	0.9634	0.8811	0.1000	18.3	20.0	-8.6	50.0
Isopropyl alcohol	Ave	0.3474	0.3218		185	200	-7.4	50.0
3-Chloro-1-propene	Ave	0.2907	0.2624		18.1	20.0	-9.7	20.0
Acetonitrile	Ave	0.2863	0.3320		232	200	16.0	20.0
Methyl acetate	Ave	0.2184	0.1692	0.1000	31.0	40.0	-22.5*	20.0
Methylene Chloride	Ave	0.3384	0.3089	0.1000	18.3	20.0	-8.7	20.0
2-Methyl-2-propanol	Ave	1.027	1.104		215	200	7.5	50.0
Acrylonitrile	Ave	2.662	2.337		176	200	-12.2	20.0
trans-1,2-Dichloroethene	Ave	0.3087	0.3077	0.1000	19.9	20.0	-0.3	20.0
MTBE	Ave	0.8048	0.7728	0.1000	19.2	20.0	-4.0	20.0
Hexane	Ave	0.3645	0.3144		17.2	20.0	-13.8	20.0
1,1-Dichloroethane	Ave	0.4839	0.4239	0.2000	17.5	20.0	-12.4	20.0
Vinyl acetate	Ave	0.4892	0.6633		54.2	40.0	35.6*	20.0
2-Chloro-1,3-butadiene	Ave	0.2479	0.2451		19.8	20.0	-1.1	20.0
Isopropyl ether	Ave	0.7149	0.5621		15.7	20.0	-21.4*	20.0
Tert-butyl ethyl ether	Ave	0.3293	0.3213		19.5	20.0	-2.4	20.0
cis-1,2-Dichloroethene	Ave	0.3333	0.3198	0.1000	19.2	20.0	-4.1	20.0
2,2-Dichloropropane	Ave	0.1197	0.1306		21.8	20.0	9.1	20.0
2-Butanone (MEK)	Ave	0.3235	0.3565	0.0500	110	100	10.2	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Lab Sample ID: CCVIS 460-973337/2 Calibration Date: 05/07/2024 04:20

Instrument ID: CVOAMS2 Calib Start Date: 04/15/2024 07:45

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/15/2024 13:11

Lab File ID: B13888.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propionitrile	Ave	0.3660	0.3707		203	200	1.3	20.0
Ethyl acetate	Ave	2.097	2.595		49.5	40.0	23.8*	20.0
Methyl acrylate	Ave	0.2771	0.2289		16.5	20.0	-17.4	20.0
Chlorobromomethane	Ave	0.1756	0.1786		20.3	20.0	1.7	20.0
Methacrylonitrile	Ave	0.1080	0.0905		168	200	-16.2	20.0
Tetrahydrofuran	Ave	0.8830	0.8726		39.5	40.0	-1.2	20.0
Chloroform	Ave	0.5172	0.5007	0.2000	19.4	20.0	-3.2	20.0
1,1,1-Trichloroethane	Ave	0.4206	0.4579	0.1000	21.8	20.0	8.9	20.0
Cyclohexane	Ave	0.4312	0.3990	0.1000	18.5	20.0	-7.5	50.0
1,1-Dichloropropene	Ave	0.3641	0.3457		19.0	20.0	-5.1	20.0
Carbon tetrachloride	Ave	0.3932	0.4316	0.1000	22.0	20.0	9.8	20.0
Benzene	Ave	1.269	1.157	0.5000	18.2	20.0	-8.8	20.0
Isobutyl alcohol	Ave	0.1910	0.1568		411	500	-17.9	50.0
1,2-Dichloroethane	Ave	0.3514	0.3396	0.1000	19.3	20.0	-3.4	20.0
Isopropyl acetate	Ave	0.0951	0.0797		16.8	20.0	-16.2	20.0
Tert-amyl methyl ether	Ave	0.9018	0.8470		18.8	20.0	-6.1	20.0
n-Heptane	Ave	0.3331	0.2477		14.9	20.0	-25.7*	20.0
Trichloroethene	Ave	0.2859	0.2818	0.2000	19.7	20.0	-1.4	20.0
n-Butanol	QuaF		0.0877		430	500	-14.0	50.0
Ethyl acrylate	Ave	0.6177	0.5118		16.6	20.0	-17.2	20.0
Methylcyclohexane	Ave	0.4981	0.4664	0.1000	18.7	20.0	-6.4	50.0
1,2-Dichloropropane	Ave	0.2692	0.2089	0.1000	15.5	20.0	-22.4*	20.0
Dibromomethane	Ave	0.1833	0.1728		18.9	20.0	-5.7	20.0
1,4-Dioxane	Ave	1.059	1.135		429	400	7.2	50.0
Methyl methacrylate	Ave	0.0744	0.0715		38.4	40.0	-4.0	20.0
n-Propyl acetate	Ave	0.2929	0.2189		15.0	20.0	-25.2*	20.0
Dichlorobromomethane	Ave	0.3604	0.3425	0.2000	19.0	20.0	-5.0	20.0
2-Nitropropane	Ave	0.0538	0.0541		40.3	40.0	0.7	20.0
2-Chloroethyl vinyl ether	Lin2		0.1028		17.8	20.0	-11.3	20.0
Epichlorohydrin	Ave	0.2294	0.2701		471	400	17.7	20.0
cis-1,3-Dichloropropene	Ave	0.4895	0.4508	0.2000	18.4	20.0	-7.9	50.0
4-Methyl-2-pentanone (MIBK)	Ave	2.081	2.215	0.0500	106	100	6.4	50.0
Toluene	Ave	1.349	1.306	0.4000	19.4	20.0	-3.1	20.0
trans-1,3-Dichloropropene	Ave	0.4174	0.4070	0.1000	19.5	20.0	-2.5	50.0
Ethyl methacrylate	Ave	0.3128	0.2752		17.6	20.0	-12.0	20.0
1,1,2-Trichloroethane	Ave	0.2318	0.2065	0.1000	17.8	20.0	-10.9	20.0
Tetrachloroethene	Ave	0.3814	0.4327	0.2000	22.7	20.0	13.5	20.0
1,3-Dichloropropane	Ave	0.4437	0.4014		18.1	20.0	-9.5	20.0
2-Hexanone	Ave	1.396	1.453	0.0500	104	100	4.1	50.0
Chlorodibromomethane	Ave	0.3548	0.3743	0.1000	21.1	20.0	5.5	50.0
1,2-Dibromoethane	Ave	0.2946	0.2988	0.1000	20.3	20.0	1.4	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Lab Sample ID: CCVIS 460-973337/2 Calibration Date: 05/07/2024 04:20

Instrument ID: CVOAMS2 Calib Start Date: 04/15/2024 07:45

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/15/2024 13:11

Lab File ID: B13888.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
n-Butyl acetate	Ave	0.3593	0.2836		15.8	20.0	-21.1*	20.0
Chlorobenzene	Ave	0.9275	0.9158	0.5000	19.7	20.0	-1.3	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3556	0.3940		22.2	20.0	10.8	20.0
Ethylbenzene	Ave	0.4734	0.4870	0.1000	20.6	20.0	2.9	20.0
m-Xylene & p-Xylene	Ave	0.5821	0.6081	0.1000	20.9	20.0	4.5	20.0
o-Xylene	Ave	0.5833	0.6286	0.3000	21.6	20.0	7.8	20.0
Styrene	Ave	0.9223	1.038	0.3000	22.5	20.0	12.6	20.0
n-Butyl acrylate	Ave	0.2199	0.2351		21.4	20.0	6.9	20.0
Bromoform	Ave	0.2724	0.3014	0.1000	22.1	20.0	10.6	20.0
Amyl acetate (mixed isomers)	Ave	0.6500	0.5620		17.3	20.0	-13.5	20.0
Isopropylbenzene	Ave	1.396	1.561	0.1000	22.4	20.0	11.8	20.0
Bromobenzene	Ave	0.7118	0.7238		20.3	20.0	1.7	20.0
1,1,2,2-Tetrachloroethane	Ave	0.6708	0.5762	0.3000	17.2	20.0	-14.1	20.0
1,2,3-Trichloropropane	Ave	0.1924	0.2023		21.0	20.0	5.2	20.0
trans-1,4-Dichloro-2-butene	Ave	0.1509	0.1450		19.2	20.0	-3.9	20.0
N-Propylbenzene	Ave	0.6852	0.6986		20.4	20.0	2.0	20.0
2-Chlorotoluene	Ave	0.6370	0.6213		19.5	20.0	-2.5	20.0
4-Ethyltoluene	Ave	2.435	2.515		20.7	20.0	3.3	20.0
4-Chlorotoluene	Ave	1.964	1.936		19.7	20.0	-1.4	20.0
1,3,5-Trimethylbenzene	Ave	2.059	2.131		20.7	20.0	3.5	20.0
Butyl Methacrylate	Ave	0.6278	0.6166		19.6	20.0	-1.8	20.0
tert-Butylbenzene	Ave	1.782	1.835		20.6	20.0	3.0	20.0
1,2,4-Trimethylbenzene	Ave	2.148	2.247		20.9	20.0	4.6	20.0
sec-Butylbenzene	Ave	2.655	2.690		20.3	20.0	1.3	20.0
1,3-Dichlorobenzene	Ave	1.349	1.386	0.6000	20.5	20.0	2.7	20.0
4-Isopropyltoluene	Ave	2.426	2.494		20.6	20.0	2.8	20.0
1,4-Dichlorobenzene	Ave	1.389	1.391	0.5000	20.0	20.0	0.2	20.0
1,2,3-Trimethylbenzene	Ave	2.335	2.336		20.0	20.0	0.0	20.0
Benzyl chloride	Ave	0.2670	0.2862		21.4	20.0	7.2	50.0
Indan	Ave	1.191	1.293		21.7	20.0	8.6	20.0
1,2-Dichlorobenzene	Ave	1.336	1.369	0.4000	20.5	20.0	2.5	20.0
p-Diethylbenzene	Ave	1.476	1.573		21.3	20.0	6.6	20.0
n-Butylbenzene	Ave	1.228	1.240		20.2	20.0	0.9	20.0
1,2,4,5-Tetramethylbenzene	Ave	2.196	2.367		21.6	20.0	7.8	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1794	0.1863	0.0500	20.8	20.0	3.8	50.0
1,3,5-Trichlorobenzene	Ave	1.146	1.231		21.5	20.0	7.5	20.0
1,2,4-Trichlorobenzene	Ave	1.068	1.174	0.2000	22.0	20.0	9.9	20.0
Hexachlorobutadiene	Ave	0.5658	0.5929		21.0	20.0	4.8	20.0
Naphthalene	Ave	2.464	2.462		20.0	20.0	-0.0	50.0
1,2,3-Trichlorobenzene	Ave	1.064	1.141		21.5	20.0	7.3	20.0
Dibromofluoromethane (Surr)	Ave	0.3425	0.3291		48.0	50.0	-3.9	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Lab Sample ID: CCVIS 460-973337/2 Calibration Date: 05/07/2024 04:20

Instrument ID: CVOAMS2 Calib Start Date: 04/15/2024 07:45

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 04/15/2024 13:11

Lab File ID: B13888.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dichloroethane-d4 (Surr)	Ave	0.3221	0.3126		48.5	50.0	-2.9	20.0
Toluene-d8 (Surr)	Ave	1.409	1.323		46.9	50.0	-6.1	20.0
4-Bromofluorobenzene	Ave	0.8140	0.8115		49.8	50.0	-0.3	20.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20240507-175545.b\B13888.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 07-May-2024 04:20:30 ALS Bottle#: 2 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0175545-002
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260S_2*sub20

Method: \\chromfs\Edison\ChromData\CVOAMS2\20240507-175545.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 07-May-2024 20:22:12 Calib Date: 15-Apr-2024 13:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20240415-174688.b\B13395.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1678

First Level Reviewer: C1JX Date: 07-May-2024 17:18:58

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Dichlorodifluoromethane	85	0.953	0.959	-0.006	95	96615	20.0	17.9	
4 Chlorodifluoromethane	67	0.959	0.965	-0.006	93	16543	20.0	20.8	
5 Chloromethane	50	1.045	1.044	0.000	99	67680	20.0	16.3	
6 Butadiene	54	1.118	1.118	0.000	94	54863	20.0	20.0	
7 Vinyl chloride	62	1.136	1.130	0.006	98	79773	20.0	19.6	
8 Bromomethane	94	1.313	1.307	0.006	99	73197	20.0	22.5	
9 Chloroethane	64	1.368	1.368	0.000	98	51139	20.0	22.4	
10 Dichlorofluoromethane	67	1.496	1.489	0.007	98	37433	20.0	7.81	
11 Trichlorofluoromethane	101	1.514	1.514	0.000	97	62104	20.0	18.0	M
12 Pentane	43	1.569	1.569	0.000	93	198851	40.0	44.9	
14 Ethanol	46	1.721	1.685	0.036	58	12548	800.0	814.3	M
13 Ethyl ether	59	1.709	1.703	0.006	93	61442	20.0	19.7	
15 2-Methyl-1,3-butadiene	53	1.721	1.721	0.000	91	75710	20.0	22.8	M
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.739	1.739	0.000	87	101327	20.0	24.2	
17 1,1,1-Trifluoro-2,2-dichloroetha	83	1.776	1.782	-0.006	93	141956	20.0	22.4	a
18 Acrolein	56	1.800	1.788	0.012	97	136107	300.0	311.8	
24 Isopropyl alcohol	45	2.050	1.843	0.207	25	31694	200.0	185.3	Ma
19 1,1-Dichloroethene	96	1.861	1.861	0.000	96	91641	20.0	22.2	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.886	1.880	0.006	95	98920	20.0	23.1	
21 Acetone	43	1.910	1.910	0.000	88	96978	100.0	104.5	M
22 Iodomethane	142	1.959	1.959	0.000	98	186677	20.0	21.6	
23 Carbon disulfide	76	2.002	2.002	0.000	99	278481	20.0	18.3	
25 3-Chloro-1-propene	39	2.105	2.099	0.006	92	82951	20.0	18.1	
27 Acetonitrile	40	2.105	2.105	0.000	74	32697	200.0	231.9	Ma
26 Methyl acetate	43	2.130	2.130	0.000	95	106944	40.0	31.0	
28 Methylene Chloride	84	2.203	2.203	0.000	80	97625	20.0	18.3	
30 2-Methyl-2-propanol	59	2.349	2.264	0.085	40	108732	200.0	215.1	a
* 29 TBA-d9 (IS)	65	2.288	2.288	0.000	0	492414	1000.0	1000.0	
31 Acrylonitrile	53	2.380	2.380	0.000	93	230164	200.0	175.6	
32 trans-1,2-Dichloroethene	96	2.398	2.392	0.006	91	97254	20.0	19.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	2.416	2.422	-0.006	95	244256	20.0	19.2	
34 Hexane	57	2.611	2.617	-0.006	87	99376	20.0	17.2	
35 1,1-Dichloroethane	63	2.715	2.721	-0.006	99	133971	20.0	17.5	
36 Vinyl acetate	86	2.770	2.776	-0.006	99	32074	40.0	54.2	
37 2-Chloro-1,3-butadiene	88	2.794	2.788	0.006	89	77474	20.0	19.8	
38 Isopropyl ether	45	2.806	2.812	-0.006	83	177656	20.0	15.7	
39 Tert-butyl ethyl ether	87	3.105	3.117	-0.012	91	101558	20.0	19.5	
* 40 2-Butanone-d5	46	3.184	3.184	0.000	0	302212	250.0	250.0	
41 cis-1,2-Dichloroethene	96	3.203	3.203	0.000	97	101078	20.0	19.2	
42 2,2-Dichloropropane	79	3.221	3.215	0.006	91	41284	20.0	21.8	a
43 2-Butanone (MEK)	72	3.233	3.245	-0.012	90	43093	100.0	110.2	
44 Propionitrile	54	3.282	3.288	-0.006	95	89631	200.0	202.6	
45 Ethyl acetate	43	3.300	3.306	-0.006	98	125480	40.0	49.5	
62 Methyl acrylate	55	3.318	3.325	-0.006	98	72336	20.0	16.5	
46 Chlorobromomethane	128	3.416	3.410	0.006	72	56458	20.0	20.3	
47 Methacrylonitrile	67	3.416	3.416	0.000	87	285966	200.0	167.6	
48 Tetrahydrofuran	42	3.471	3.465	0.006	66	42193	40.0	39.5	
49 Chloroform	83	3.495	3.501	-0.006	99	158264	20.0	19.4	
$ 50 Dibromofluoromethane (Surr)	113	3.648	3.648	0.000	98	260040	50.0	48.0	
51 1,1,1-Trichloroethane	97	3.666	3.660	0.006	96	144742	20.0	21.8	
52 Cyclohexane	84	3.715	3.721	-0.006	83	126108	20.0	18.5	
54 1,1-Dichloropropene	75	3.812	3.812	0.000	97	109273	20.0	19.0	
53 Carbon tetrachloride	117	3.818	3.824	-0.006	98	136422	20.0	22.0	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	3.952	3.959	-0.007	0	247053	50.0	48.5	
56 Benzene	78	4.007	4.007	0.000	95	303726	20.0	18.2	
58 Isobutyl alcohol	42	4.020	4.032	-0.012	38	38608	500.0	410.6	
57 1,2-Dichloroethane	62	4.032	4.038	-0.006	99	107344	20.0	19.3	
73 Isopropyl acetate	61	4.154	4.160	-0.006	84	25196	20.0	16.8	
59 Tert-amyl methyl ether	73	4.166	4.166	0.000	90	267731	20.0	18.8	
* 60 Fluorobenzene	96	4.306	4.306	0.000	99	790194	50.0	50.0	
61 n-Heptane	43	4.330	4.337	-0.006	80	78279	20.0	14.9	
63 Trichloroethene	95	4.690	4.696	-0.006	95	89069	20.0	19.7	
64 n-Butanol	43	4.715	4.708	0.007	84	21581	500.0	430.1	
66 Ethyl acrylate	55	4.891	4.891	0.000	92	161756	20.0	16.6	
65 Methylcyclohexane	83	4.904	4.903	0.001	93	147423	20.0	18.7	
67 1,2-Dichloropropane	63	4.934	4.934	0.000	88	66018	20.0	15.5	
* 69 1,4-Dioxane-d8	96	5.056	5.056	0.000	0	35609	1000.0	1000.0	
68 Dibromomethane	93	5.062	5.062	0.000	88	54621	20.0	18.9	
70 1,4-Dioxane	88	5.129	5.123	0.006	28	16167	400.0	428.9	
71 Methyl methacrylate	100	5.141	5.141	0.000	76	45181	40.0	38.4	
81 n-Propyl acetate	43	5.227	5.227	0.000	95	69202	20.0	15.0	
72 Dichlorobromomethane	83	5.269	5.269	0.000	98	108247	20.0	19.0	
74 2-Nitropropane	41	5.562	5.556	0.006	99	34206	40.0	40.3	
75 2-Chloroethyl vinyl ether	63	5.672	5.678	-0.006	88	32566	20.0	17.8	
76 Epichlorohydrin	57	5.727	5.720	0.006	98	130612	400.0	471.0	
77 cis-1,3-Dichloropropene	75	5.824	5.818	0.006	90	118341	20.0	18.4	
78 4-Methyl-2-pentanone (MIBK)	43	6.062	6.062	0.000	91	267719	100.0	106.4	
$ 79 Toluene-d8 (Surr)	98	6.147	6.153	-0.006	99	868231	50.0	46.9	
80 Toluene	91	6.233	6.232	0.000	93	342897	20.0	19.4	
82 trans-1,3-Dichloropropene	75	6.562	6.556	0.006	94	106843	20.0	19.5	
83 1,1,2-Trichloroethane	83	6.787	6.787	0.000	93	54209	20.0	17.8	
84 Ethyl methacrylate	69	6.757	6.848	-0.091	84	86996	20.0	17.6	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Tetrachloroethene	166	6.934	6.934	0.000	96	113584	20.0	22.7	
86 1,3-Dichloropropane	76	6.982	6.982	0.000	89	105369	20.0	18.1	
87 2-Hexanone	43	7.147	7.147	0.000	89	175667	100.0	104.1	
88 Chlorodibromomethane	129	7.232	7.232	0.000	97	98252	20.0	21.1	
89 Ethylene Dibromide	107	7.324	7.324	0.000	99	78425	20.0	20.3	
90 n-Butyl acetate	43	7.330	7.330	0.000	94	74449	20.0	15.8	
* 91 Chlorobenzene-d5	117	7.830	7.830	0.000	83	656251	50.0	50.0	
92 Chlorobenzene	112	7.854	7.854	0.000	97	240410	20.0	19.7	
93 1,1,1,2-Tetrachloroethane	131	7.952	7.952	0.000	92	103433	20.0	22.2	
94 Ethylbenzene	106	7.988	7.988	0.000	98	127838	20.0	20.6	
95 m-Xylene & p-Xylene	106	8.104	8.104	0.000	0	159619	20.0	20.9	
96 o-Xylene	106	8.458	8.458	0.000	94	165009	20.0	21.6	
97 Styrene	104	8.470	8.470	0.000	96	272491	20.0	22.5	
98 n-Butyl acrylate	73	8.488	8.494	-0.006	98	61702	20.0	21.4	
99 Bromoform	173	8.604	8.604	0.000	99	79127	20.0	22.1	
101 Amyl acetate (mixed isomers)	43	8.695	8.695	0.000	93	101429	20.0	17.3	
102 Isopropylbenzene	105	8.787	8.787	0.000	95	409689	20.0	22.4	
$ 103 4-Bromofluorobenzene	174	8.897	8.897	0.000	97	366153	50.0	49.8	
104 Bromobenzene	156	9.000	9.000	0.000	86	130640	20.0	20.3	
106 1,1,2,2-Tetrachloroethane	83	9.037	9.037	0.000	96	103993	20.0	17.2	
105 1,2,3-Trichloropropane	110	9.055	9.055	0.000	95	36517	20.0	21.0	
107 trans-1,4-Dichloro-2-butene	53	9.086	9.086	0.000	96	26162	20.0	19.2	
108 N-Propylbenzene	120	9.122	9.122	0.000	100	126090	20.0	20.4	
109 2-Chlorotoluene	126	9.171	9.165	0.006	96	112142	20.0	19.5	
110 4-Ethyltoluene	105	9.214	9.214	0.000	99	453867	20.0	20.7	
111 4-Chlorotoluene	91	9.256	9.256	0.000	97	349421	20.0	19.7	
112 1,3,5-Trimethylbenzene	105	9.269	9.268	0.000	93	384605	20.0	20.7	
100 Butyl Methacrylate	87	9.372	9.372	0.000	85	111295	20.0	19.6	
113 tert-Butylbenzene	119	9.512	9.512	0.000	94	331210	20.0	20.6	
114 1,2,4-Trimethylbenzene	105	9.549	9.549	0.000	97	405624	20.0	20.9	
115 sec-Butylbenzene	105	9.677	9.677	0.000	99	485450	20.0	20.3	
116 1,3-Dichlorobenzene	146	9.738	9.738	0.000	98	250084	20.0	20.5	
* 117 1,4-Dichlorobenzene-d4	152	9.787	9.793	-0.006	95	451216	50.0	50.0	
119 4-Isopropyltoluene	119	9.793	9.793	0.000	98	450084	20.0	20.6	
118 1,4-Dichlorobenzene	146	9.805	9.805	0.000	96	251060	20.0	20.0	
120 1,2,3-Trimethylbenzene	105	9.854	9.854	0.000	98	421595	20.0	20.0	
121 Benzyl chloride	126	9.915	9.915	0.000	99	51652	20.0	21.4	
122 2,3-Dihydroindene	117	9.994	9.994	0.000	94	408629	20.0	21.7	
124 p-Diethylbenzene	119	10.073	10.073	0.000	94	283891	20.0	21.3	
123 1,2-Dichlorobenzene	146	10.073	10.073	0.000	98	247127	20.0	20.5	
125 n-Butylbenzene	92	10.085	10.091	-0.006	98	223742	20.0	20.2	
127 1,2,4,5-Tetramethylbenzene	119	10.616	10.616	0.000	97	427189	20.0	21.6	
126 1,2-Dibromo-3-Chloropropane	157	10.622	10.628	-0.006	88	33618	20.0	20.8	
128 1,3,5-Trichlorobenzene	180	10.774	10.774	0.000	97	222231	20.0	21.5	
129 1,2,4-Trichlorobenzene	180	11.189	11.189	0.000	94	211907	20.0	22.0	
130 Hexachlorobutadiene	225	11.317	11.317	0.000	97	107016	20.0	21.0	
131 Naphthalene	128	11.353	11.353	0.000	99	444398	20.0	20.0	
132 1,2,3-Trichlorobenzene	180	11.524	11.530	-0.006	97	205918	20.0	21.5	
S 133 1,2-Dichloroethene, Total	100				0		40.0	39.1	
S 134 1,3-Dichloropropene, Total	100				0		40.0	37.9	
S 135 Xylenes, Total	100				0		40.0	42.4	
S 136 Total BTEX	1				0		100.0	100.6	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

524FREONS_00018	Amount Added:	2.00	Units: uL	
8260MIX1COMB_00186	Amount Added:	2.00	Units: uL	
ACROLEIN W_00168	Amount Added:	3.00	Units: uL	
GASES Li_00582	Amount Added:	2.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00246	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 07-May-2024 20:22:13 Chrom Revision: 2.3 26-Apr-2024 12:18:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20240507-175545.b\B13888.D

Injection Date: 07-May-2024 04:20:30 Instrument ID: CVOAMS2 Operator ID:

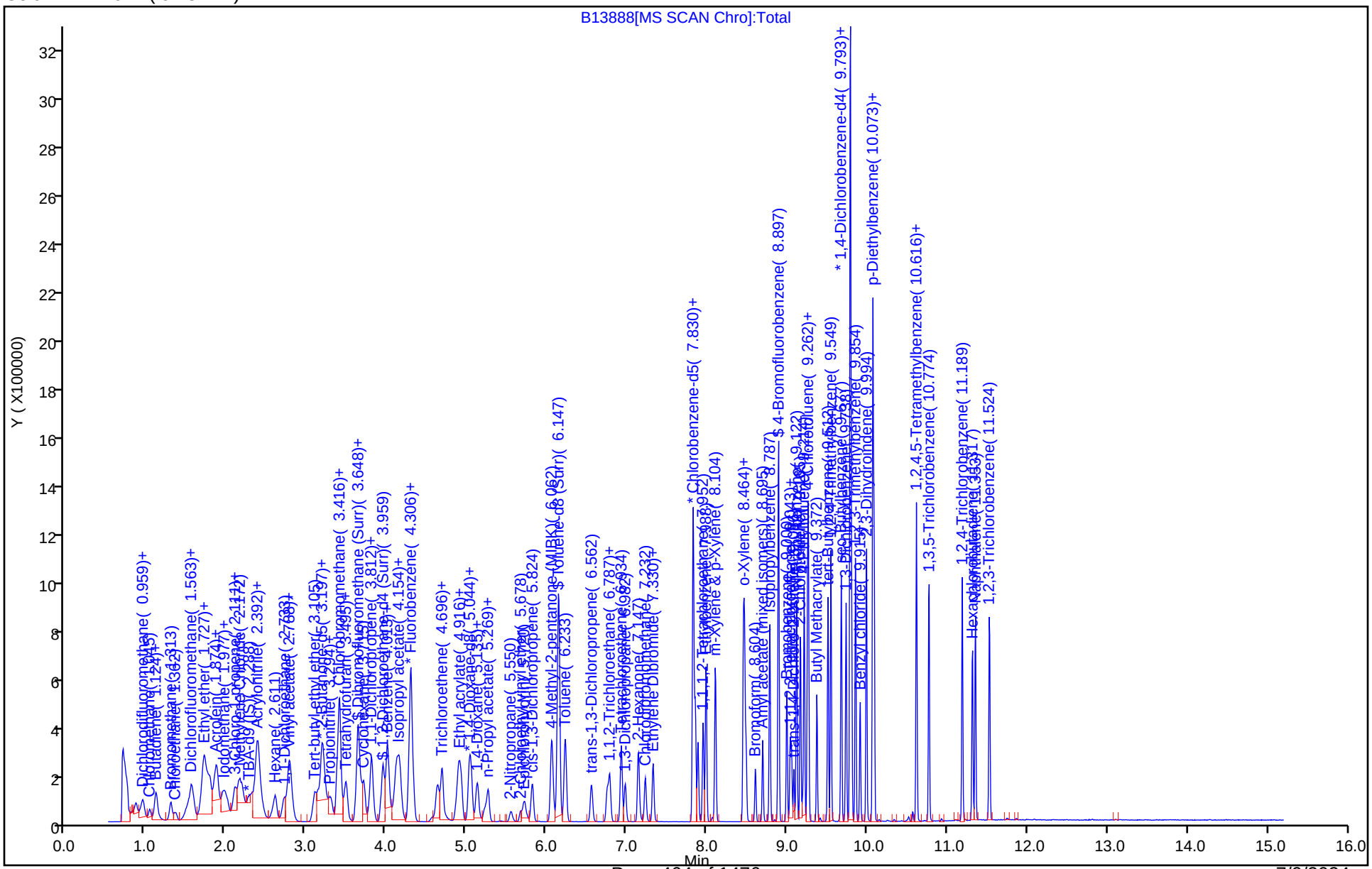
Lims ID: CCVIS Worklist Smp#: 2

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



7/9/2024
8:32:15 AM

Eurofins Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS13\20240503-175422.b\P27113.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	03-May-2024 05:45:30	ALS Bottle#:	99	Worklist Smp#:	1
Injection Vol:	5.0 mL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	460-0175422-001				
Operator ID:		Instrument ID:	CVOAMS13		
Method:	\\chromfs\Edison\ChromData\CVOAMS13\20240503-175422.b\8260W_13.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	03-May-2024 17:53:32	Calib Date:	03-May-2024 14:48:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS13\20240503-175422.b\P27135.D				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1604				
First Level Reviewer: HVW2		Date:	03-May-2024 05:59:07		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

$ 143 BFB

QC Flag Legend

Processing Flags

Reagents:

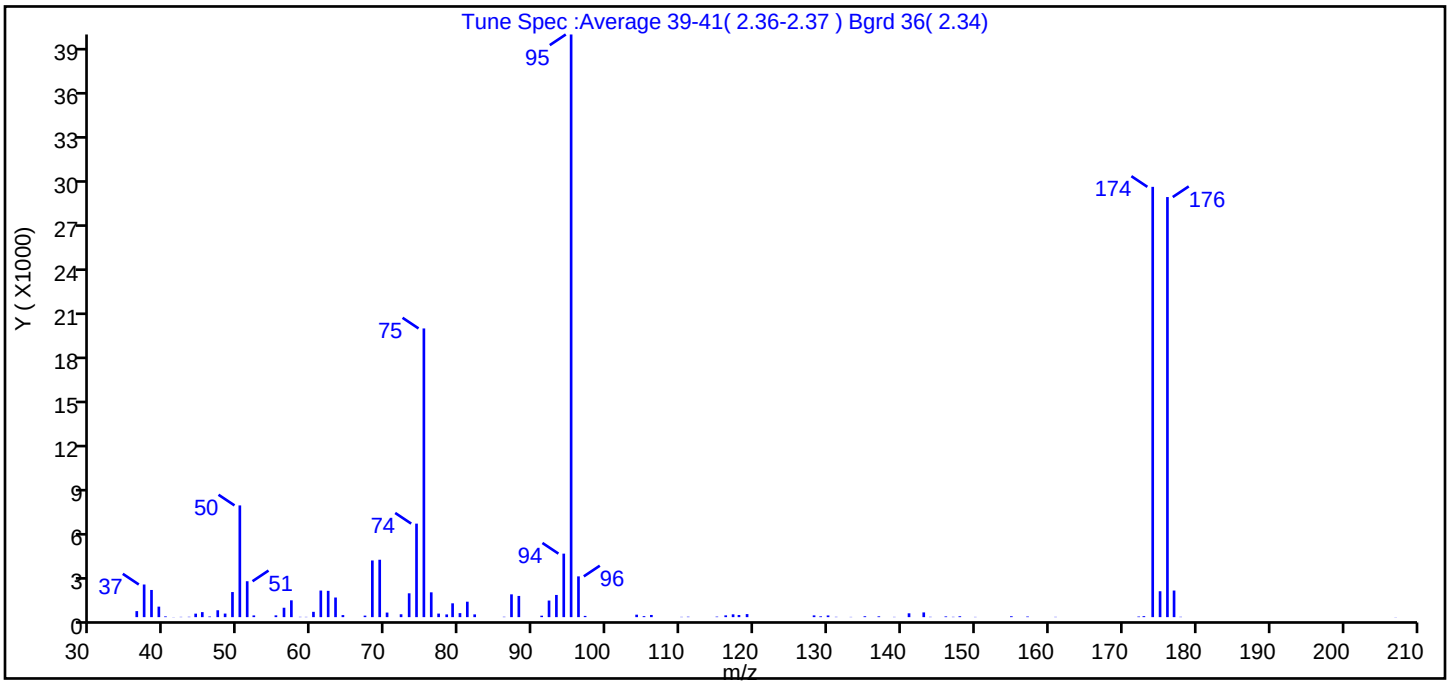
BFB_00035 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20240503-175422.b\P27113.D
Injection Date: 03-May-2024 05:45:30 Instrument ID: CVOAMS13
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Tune Method: BFB Method 8260D

$ 143 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	50 to 200% of m/z 174	100.0 (135.4)
96	5 to 9% of m/z 95	7.0
173	<2% of m/z 174	0.2 (0.2)
174	50 to 200% of m/z 95	73.8
175	5 to 9% of m/z 174	4.4 (6.0)
176	95 to 105% of m/z 174	72.1 (97.6)
177	5 to 10% of m/z 176	4.6 (6.3)

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20240503-175422.b\P27113.D\8260W_13.rslt\spectra.d
Injection Date: 03-May-2024 05:45:30
Spectrum: Tune Spec :Average 39-41(2.36-2.37) Bgrd 36(2.34)
Base Peak: 95.10
Minimum % Base Peak: 0
Number of Points: 88

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	412	60.00	363	88.00	1447	133.00	16
37.00	2228	61.00	1815	91.00	99	135.00	61
38.00	1855	62.00	1796	92.00	1133	137.00	55
39.00	717	63.00	1340	93.00	1515	139.00	18
40.00	51	64.00	140	94.00	4335	141.00	262
41.00	10	67.00	104	95.00	39768	143.00	323
42.00	19	68.00	3868	96.00	2783	144.00	22
43.00	24	69.00	3918	97.00	85	146.00	50
44.00	239	70.00	312	104.00	169	147.00	22
45.00	343	72.00	196	105.00	68	148.00	60
46.00	41	73.00	1627	106.00	149	150.00	17
47.00	470	74.00	6383	110.00	19	155.00	60
48.00	244	75.00	19704	111.00	29	157.00	42
49.00	1712	76.00	1694	115.00	36	161.00	19
50.00	7626	77.00	243	116.00	121	172.00	41
51.00	2451	78.00	186	117.00	192	173.00	67
52.00	117	79.00	944	118.00	147	174.00	29368
55.00	122	80.00	274	119.00	208	175.00	1768
56.00	642	81.00	1054	128.00	120	176.00	28672
57.00	1148	82.00	188	129.00	56	177.00	1816
58.00	20	86.00	25	130.00	115	178.00	23
59.00	18	87.00	1556	131.00	22	207.00	10

Eurofins Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20240415-174688.b\B13377.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	15-Apr-2024 04:48:30	ALS Bottle#:	99	Worklist Smp#:	1
Injection Vol:	5.0 mL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	460-0174688-001				
Operator ID:		Instrument ID:	CVOAMS2		
Method:	\\chromfs\Edison\ChromData\CVOAMS2\20240415-174688.b\8260S_2.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	17-Apr-2024 20:47:11	Calib Date:	15-Apr-2024 13:11:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS2\20240415-174688.b\B13395.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS SCAN		
Process Host:	CTX1605				
First Level Reviewer: N1JZ		Date:	15-Apr-2024 04:57:16		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

$ 137 BFB

QC Flag Legend

Processing Flags

Reagents:

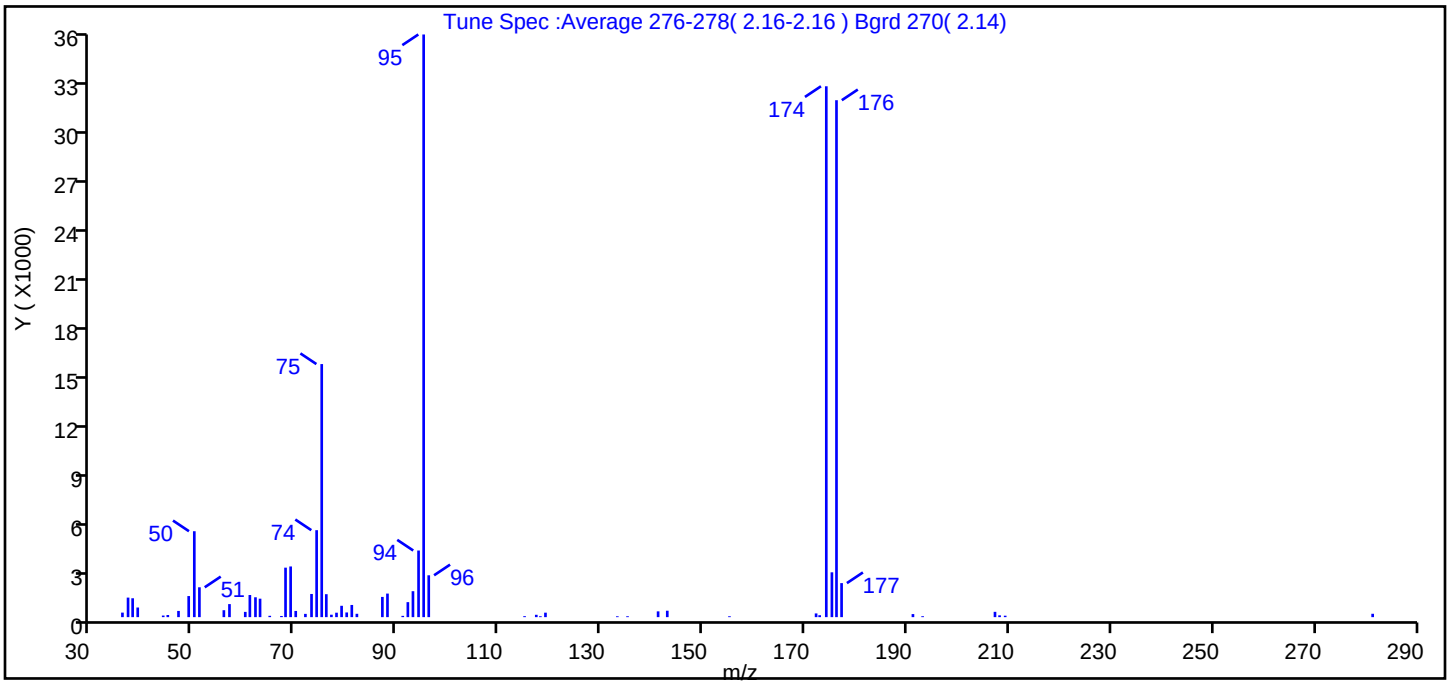
BFB_00035 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20240415-174688.b\B13377.D
Injection Date: 15-Apr-2024 04:48:30 Instrument ID: CVOAMS2
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Tune Method: BFB Method 8260D

$ 137 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	50 to 200% of m/z 174	100.0 (109.8)
96	5 to 9% of m/z 95	7.2
173	<2% of m/z 174	0.3 (0.4)
174	50 to 200% of m/z 95	91.1
175	5 to 9% of m/z 174	7.7 (8.4)
176	95 to 105% of m/z 174	88.7 (97.4)
177	5 to 10% of m/z 176	5.8 (6.6)

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20240415-174688.b\B13377.D\8260S_2.rslt\spectra.d
Injection Date: 15-Apr-2024 04:48:30
Spectrum: Tune Spec :Average 276-278(2.16-2.16) Bgrd 270(2.14)
Base Peak: 95.10
Minimum % Base Peak: 0
Number of Points: 61

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	276	65.00	82	87.00	1231	155.00	53
37.00	1189	67.00	71	88.00	1434	172.00	226
38.00	1149	68.00	3011	91.00	78	173.00	117
39.00	586	69.00	3084	92.00	913	174.00	32304
44.00	97	70.00	377	93.00	1579	175.00	2728
45.00	130	72.00	199	94.00	4054	176.00	31456
47.00	378	73.00	1410	95.00	35456	177.00	2071
49.00	1283	74.00	5292	96.00	2547	191.00	187
50.00	5228	75.00	15400	115.00	59	193.00	56
51.00	1817	76.00	1397	117.00	143	207.00	323
56.00	422	77.00	148	118.00	54	208.00	110
57.00	794	78.00	270	119.00	272	209.00	88
60.00	320	79.00	691	133.00	52	281.00	205
61.00	1347	80.00	285	135.00	54		
62.00	1209	81.00	741	141.00	352		
63.00	1123	82.00	204	143.00	391		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-303245-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-973337/7

Matrix: Solid | Lab File ID: B13893.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/07/2024 06:38

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 973337 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	0.00026	U	0.0010	0.00026
100-41-4	Ethylbenzene	0.00020	U	0.0010	0.00020
108-88-3	Toluene	0.00023	U	0.0010	0.00023
1330-20-7	Xylenes, Total	0.00017	U	0.0020	0.00017
1634-04-4	MTBE	0.00051	U	0.0010	0.00051
106-93-4	1,2-Dibromoethane	0.00018	U	0.0010	0.00018
91-20-3	Naphthalene	0.00041	U	0.0015	0.00041
95-63-6	1,2,4-Trimethylbenzene	0.00025	U	0.0010	0.00025
108-67-8	1,3,5-Trimethylbenzene	0.00031	U	0.0010	0.00031
98-82-8	Isopropylbenzene	0.00029	U	0.0010	0.00029
107-06-2	1,2-Dichloroethane	0.00030	U	0.0010	0.00030

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		72-138
460-00-4	4-Bromofluorobenzene	101		63-139
2037-26-5	Toluene-d8 (Surr)	95		71-126
1868-53-7	Dibromofluoromethane (Surr)	98		54-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20240507-175545.b\B13893.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 07-May-2024 06:38:30 ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0175545-007
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20240507-175545.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 07-May-2024 16:29:41 Calib Date: 15-Apr-2024 13:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20240415-174688.b\B13395.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1622

First Level Reviewer: C1JX Date: 07-May-2024 16:30:05

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	2.288	2.288	0.000	0	456635	1000.0	1000.0	
* 40 2-Butanone-d5	46	3.178	3.184	-0.006	0	272049	250.0	250.0	
$ 50 Dibromofluoromethane (Surr)	113	3.641	3.648	-0.007	98	235827	50.0	49.1	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	3.952	3.959	-0.007	0	226217	50.0	50.0	
* 60 Fluorobenzene	96	4.300	4.306	-0.006	99	701605	50.0	50.0	
* 69 1,4-Dioxane-d8	96	5.062	5.056	0.006	0	31974	1000.0	1000.0	
$ 79 Toluene-d8 (Surr)	98	6.147	6.153	-0.006	99	787849	50.0	47.7	
* 91 Chlorobenzene-d5	117	7.830	7.830	0.000	83	585452	50.0	50.0	
$ 103 4-Bromofluorobenzene	174	8.897	8.897	-0.001	97	319520	50.0	50.3	
* 117 1,4-Dichlorobenzene-d4	152	9.793	9.793	0.000	93	390038	50.0	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00246 Amount Added: 1.00 Units: uL Run Reagent

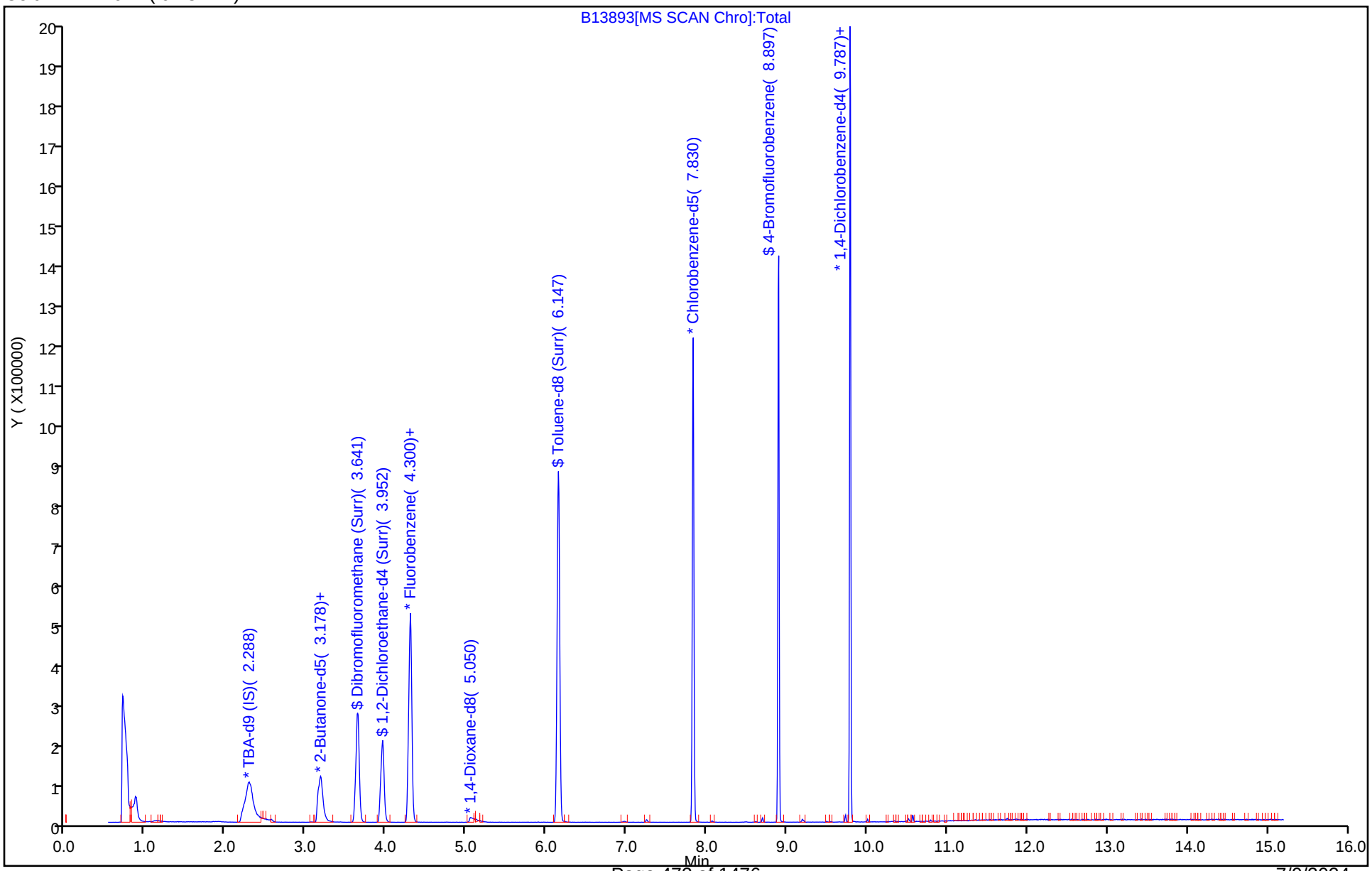
Report Date: 07-May-2024 16:30:06 Chrom Revision: 2.3 26-Apr-2024 12:18:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20240507-175545.b\B13893.D

Injection Date:	07-May-2024 06:38:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	MB			Worklist Smp#:	7
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



7/9/2024
8:32:15 AM

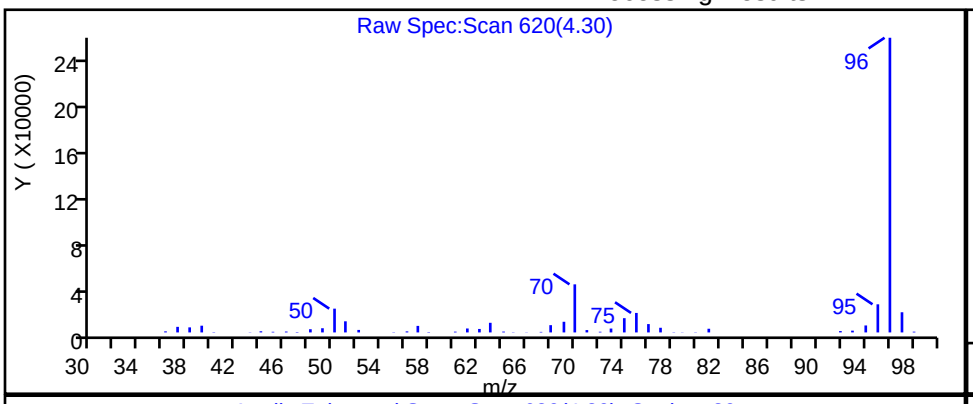
User Disabled Compound Report

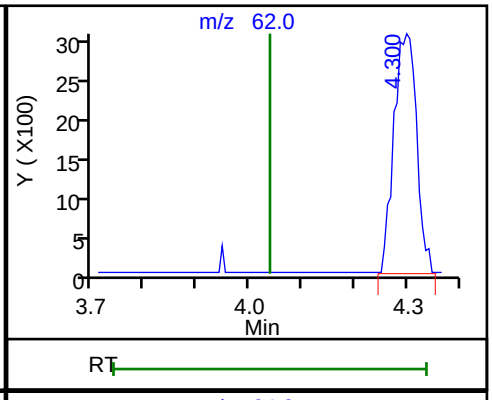
Eurofins Edison

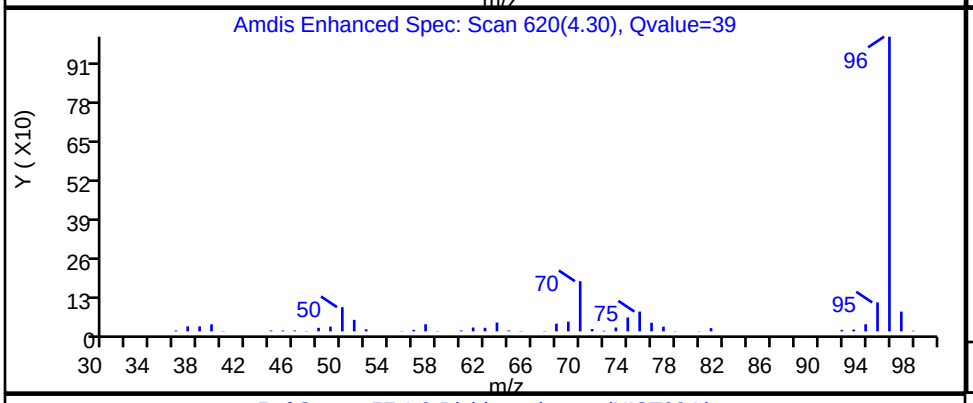
Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20240507-175545.b\B13893.D				
Injection Date:	07-May-2024 06:38:30	Instrument ID:	CVOAMS2		
Lims ID:	MB				
Client ID:					
Operator ID:		ALS Bottle#:	7	Worklist Smp#:	7
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

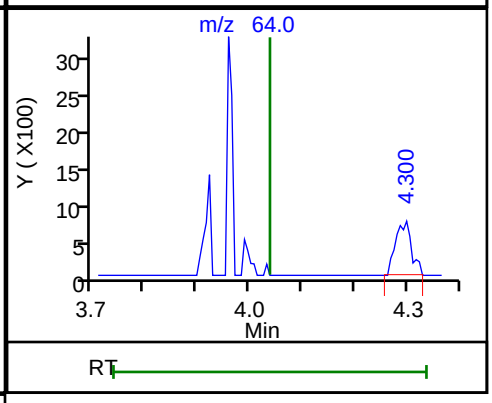
57 1,2-Dichloroethane, CAS: 107-06-2

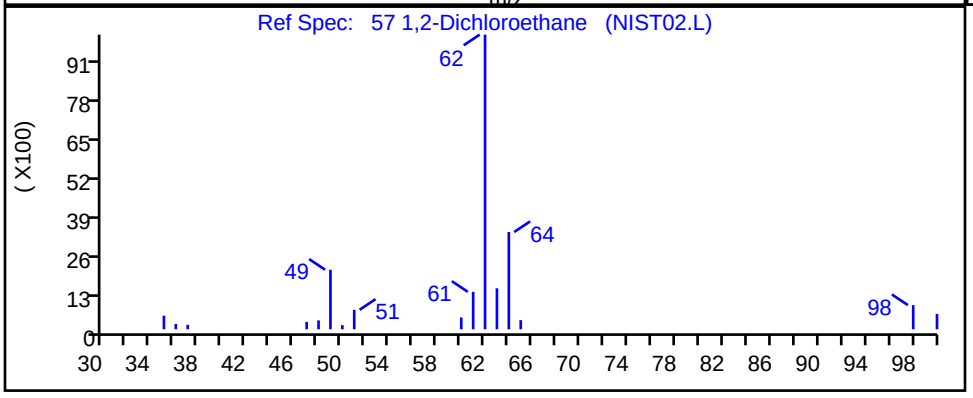
Processing Results











RT	Mass	Response	Amount
4.30	62.00	9221	1.870043
4.30	64.00	1565	

Reviewer: N1JZ, 07-May-2024 07:30:23 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-303245-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-973363/9

Matrix: Water | Lab File ID: P27275.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/07/2024 11:21

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 973363 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	0.20	U	1.0	0.20
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
108-88-3	Toluene	0.38	U	1.0	0.38
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65
1634-04-4	MTBE	0.22	U	1.0	0.22
106-93-4	1,2-Dibromoethane	0.50	U	1.0	0.50
91-20-3	Naphthalene	0.88	U	1.0	0.88
95-63-6	1,2,4-Trimethylbenzene	0.37	U	1.0	0.37
108-67-8	1,3,5-Trimethylbenzene	0.33	U	1.0	0.33
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		70-128
460-00-4	4-Bromofluorobenzene	103		76-120
2037-26-5	Toluene-d8 (Surr)	95		80-120
1868-53-7	Dibromofluoromethane (Surr)	96		77-132

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20240507-175557.b\P27275.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 07-May-2024 11:21:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0175557-009
Operator ID: Instrument ID: CVOAMS13

Method: \\chromfs\Edison\ChromData\CVOAMS13\20240507-175557.b\8260W_13.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 07-May-2024 12:35:24 Calib Date: 03-May-2024 14:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20240503-175422.b\P27135.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1687

First Level Reviewer: NN6A Date: 07-May-2024 12:43:34

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
27 Methylene Chloride	84	2.170	2.170	0.000	97	1148		0.3704	
* 33 TBA-d9 (IS)	65	2.349	2.349	0.000	100	226384	1000.0	1000.0	
$ 51 Dibromofluoromethane (Surr)	113	3.388	3.388	0.000	97	96027	50.0	47.9	
* 53 2-Butanone-d5	46	3.438	3.438	0.000	99	282409	250.0	250.0	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.810	3.810	0.000	0	114038	50.0	47.0	
* 66 Fluorobenzene	96	4.061	4.061	0.000	98	561407	50.0	50.0	
* 76 1,4-Dioxane-d8	96	4.956	4.956	0.000	63	32106	1000.0	1000.0	
$ 82 Toluene-d8 (Surr)	98	5.644	5.644	0.000	99	436584	50.0	47.4	
* 96 Chlorobenzene-d5	117	7.556	7.557	-0.001	87	441673	50.0	50.0	
$ 107 4-Bromofluorobenzene	174	9.347	9.347	0.000	88	190691	50.0	51.7	
* 123 1,4-Dichlorobenzene-d4	152	11.131	11.131	0.000	96	257802	50.0	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00155 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00246 Amount Added: 1.00 Units: uL Run Reagent

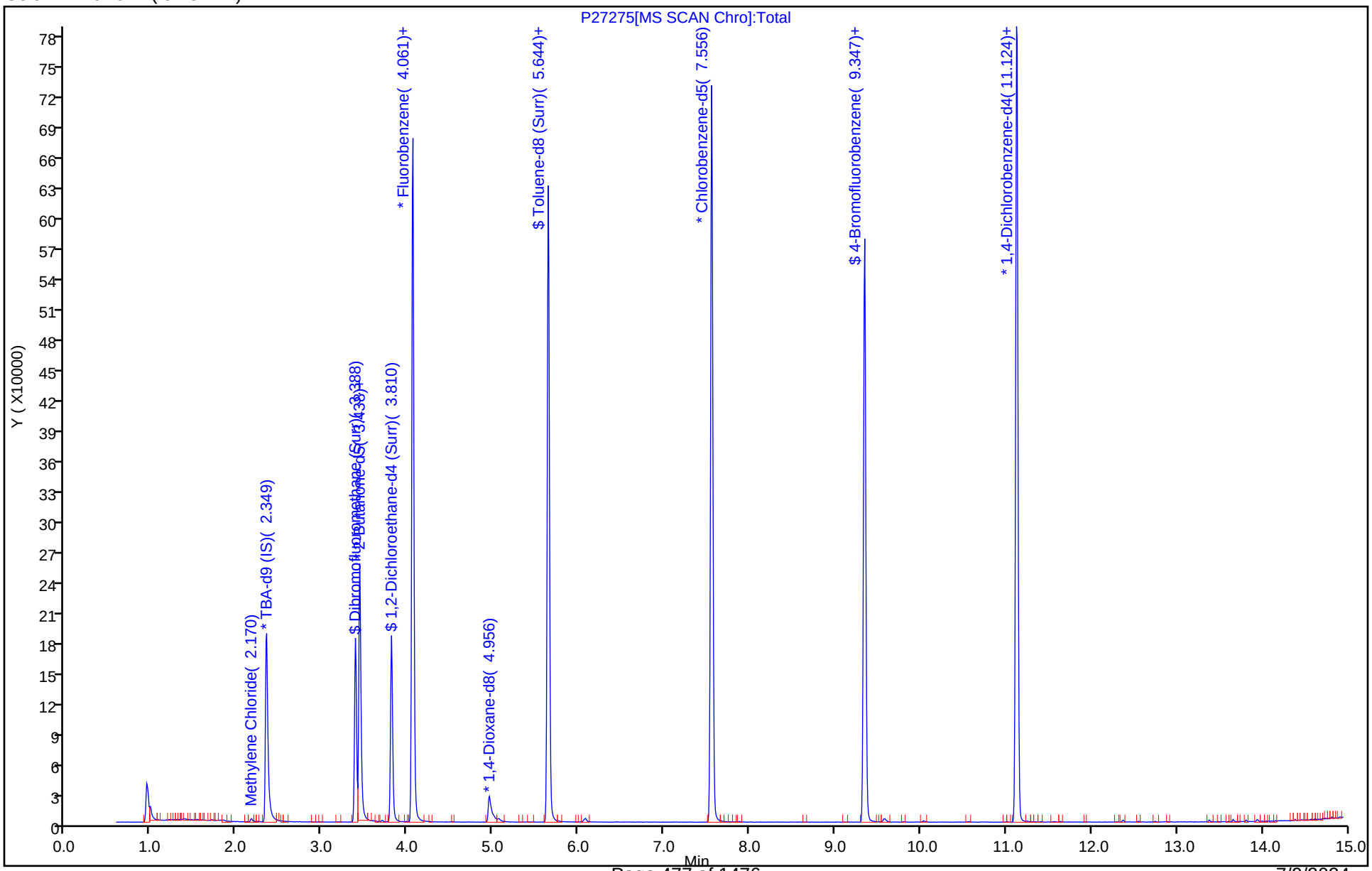
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Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20240507-175557.b\P27275.D

Injection Date:	07-May-2024 11:21:30	Instrument ID:	CVOAMS13	Operator ID:	
Lims ID:	MB			Worklist Smp#:	9
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8260W_13	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



7/9/2024
8:32:15 AM

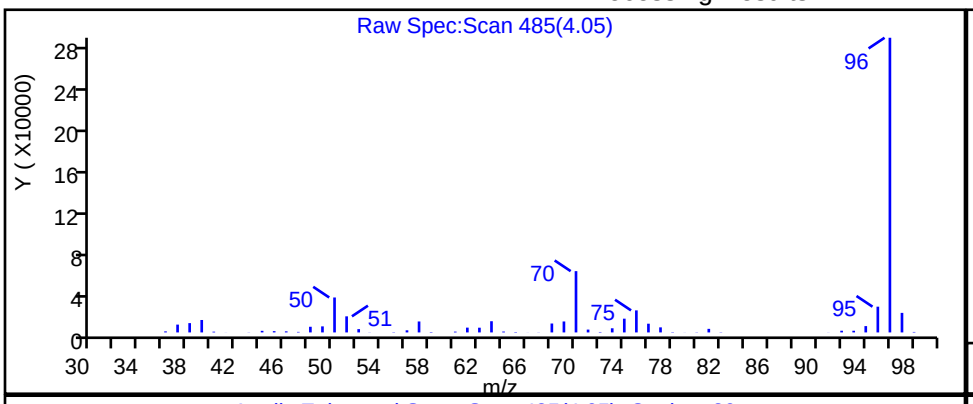
User Disabled Compound Report

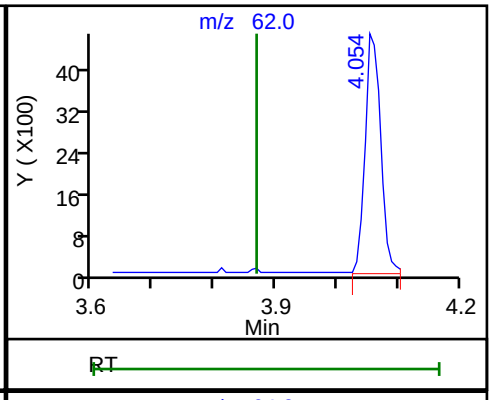
Eurofins Edison

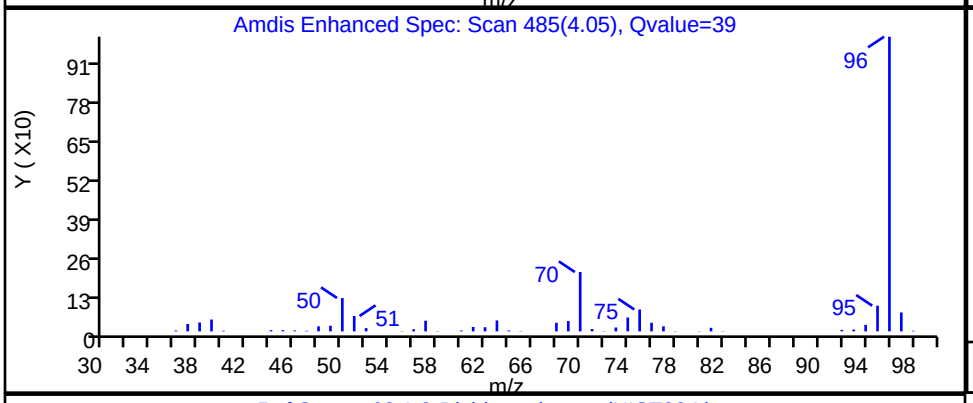
Data File:	\\chromfs\Edison\ChromData\CVOAMS13\20240507-175557.b\P27275.D				
Injection Date:	07-May-2024 11:21:30	Instrument ID:	CVOAMS13		
Lims ID:	MB				
Client ID:					
Operator ID:		ALS Bottle#:	8	Worklist Smp#:	9
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260W_13	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

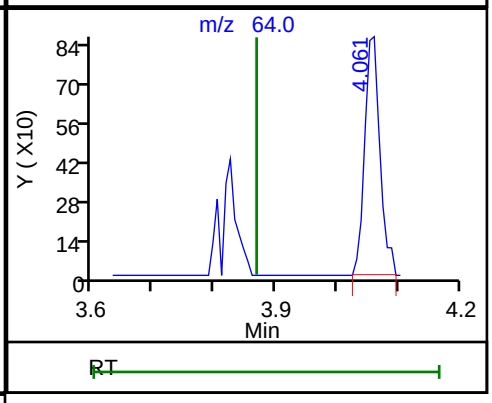
63 1,2-Dichloroethane, CAS: 107-06-2

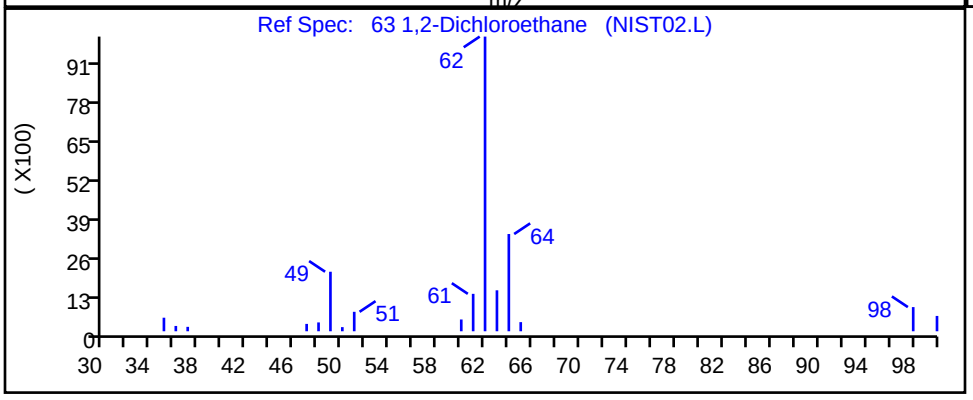
Processing Results











RT	Mass	Response	Amount
4.05	62.00	8188	2.117854
4.06	64.00	1522	

Reviewer: RD6L, 07-May-2024 11:41:35 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-303245-1

SDG No.:

Client Sample ID: | Lab Sample ID: LB3 460-973023/1-A

Matrix: Solid | Lab File ID: B13897.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 05/07/2024 08:18

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 973337 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	0.00026	U	0.0010	0.00026
100-41-4	Ethylbenzene	0.00020	U	0.0010	0.00020
108-88-3	Toluene	0.00023	U	0.0010	0.00023
1330-20-7	Xylenes, Total	0.00017	U	0.0020	0.00017
1634-04-4	MTBE	0.00051	U	0.0010	0.00051
106-93-4	1,2-Dibromoethane	0.00018	U	0.0010	0.00018
91-20-3	Naphthalene	0.00041	U	0.0015	0.00041
95-63-6	1,2,4-Trimethylbenzene	0.00025	U	0.0010	0.00025
108-67-8	1,3,5-Trimethylbenzene	0.00031	U	0.0010	0.00031
98-82-8	Isopropylbenzene	0.00029	U	0.0010	0.00029
107-06-2	1,2-Dichloroethane	0.00030	U	0.0010	0.00030

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		72-138
460-00-4	4-Bromofluorobenzene	99		63-139
2037-26-5	Toluene-d8 (Surr)	95		71-126
1868-53-7	Dibromofluoromethane (Surr)	100		54-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20240507-175545.b\B13897.D
Lims ID: LB3 460-973023/1-A
Client ID:
Sample Type: LB3
Inject. Date: 07-May-2024 08:18:30 ALS Bottle#: 11 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LB3 460-973023/1-A
Misc. Info.: 460-0175545-011
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20240507-175545.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 07-May-2024 16:33:37 Calib Date: 15-Apr-2024 13:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20240415-174688.b\B13395.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1622

First Level Reviewer: C1JX Date: 07-May-2024 16:34:32

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	2.288	2.288	0.000	0	374025	1000.0	1000.0	
* 40 2-Butanone-d5	46	3.172	3.184	-0.012	0	221589	250.0	250.0	
$ 50 Dibromofluoromethane (Surr)	113	3.636	3.648	-0.012	98	220721	50.0	50.1	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	3.953	3.959	-0.006	0	208225	50.0	50.2	
* 60 Fluorobenzene	96	4.300	4.306	-0.006	99	643231	50.0	50.0	
* 69 1,4-Dioxane-d8	96	5.056	5.056	0.000	0	26297	1000.0	1000.0	
$ 79 Toluene-d8 (Surr)	98	6.147	6.153	-0.006	99	720632	50.0	47.7	
* 91 Chlorobenzene-d5	117	7.830	7.830	0.000	83	535610	50.0	50.0	
$ 103 4-Bromofluorobenzene	174	8.897	8.897	0.000	97	292988	50.0	49.3	
* 117 1,4-Dichlorobenzene-d4	152	9.787	9.793	-0.006	93	365376	50.0	50.0	

Reagents:

8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00246 Amount Added: 1.00 Units: uL Run Reagent

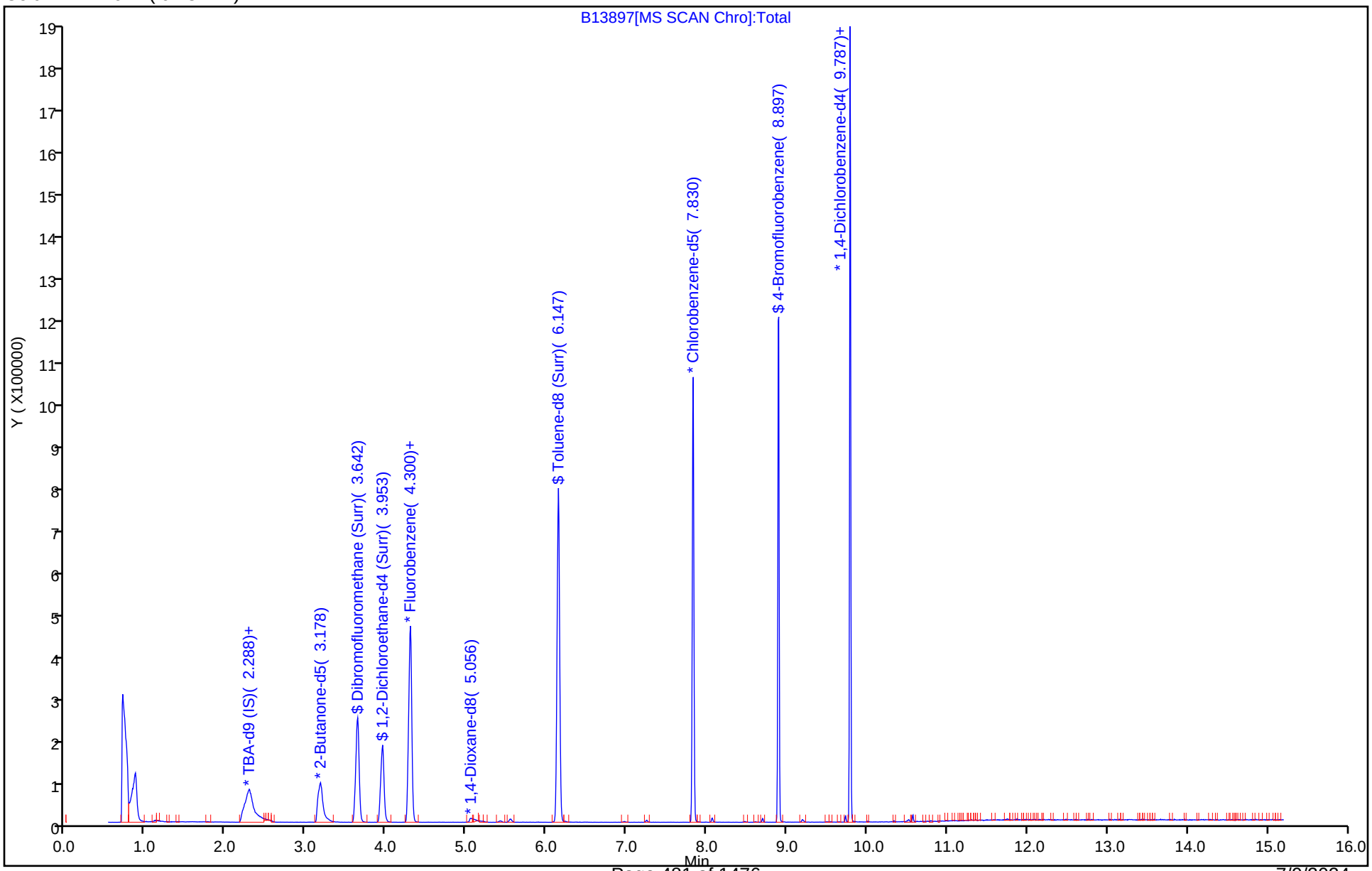
Report Date: 07-May-2024 16:34:32 Chrom Revision: 2.3 26-Apr-2024 12:18:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20240507-175545.b\B13897.D

Injection Date:	07-May-2024 08:18:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	LB3 460-973023/1-A			Worklist Smp#:	11
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



7/9/2024
8:32:15 AM

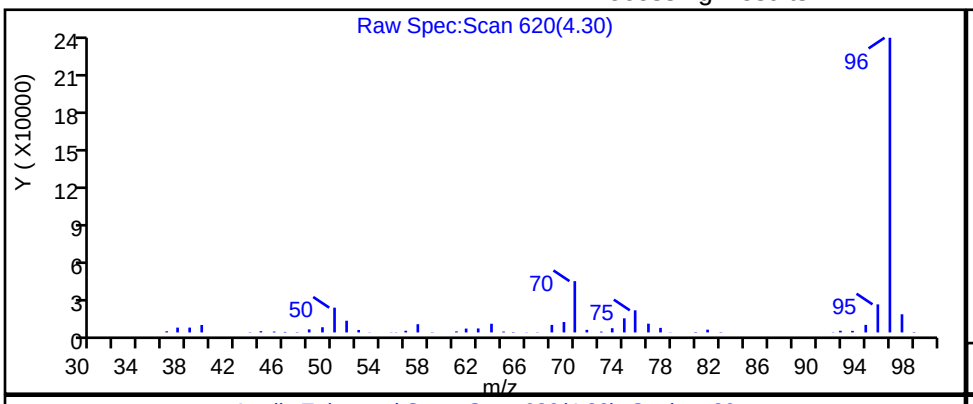
User Disabled Compound Report

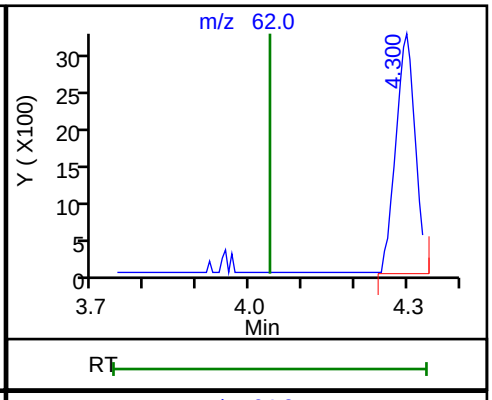
Eurofins Edison

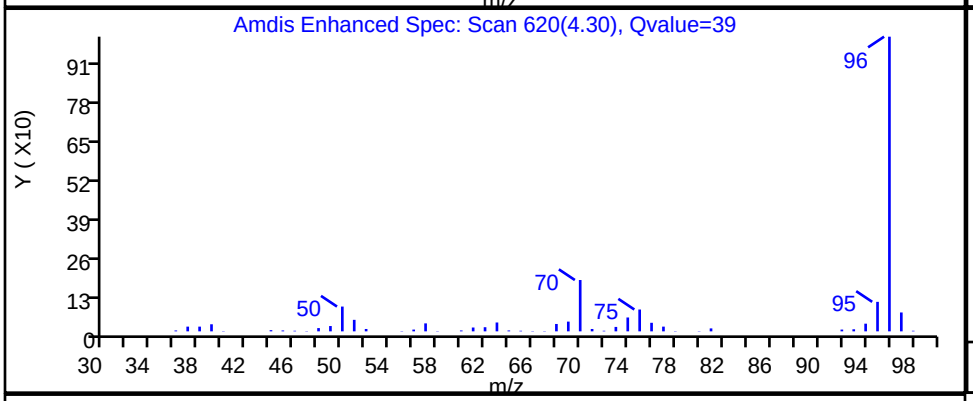
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20240507-175545.b\B13897.D
Injection Date: 07-May-2024 08:18:30 Instrument ID: CVOAMS2
Lims ID: LB3 460-973023/1-A
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

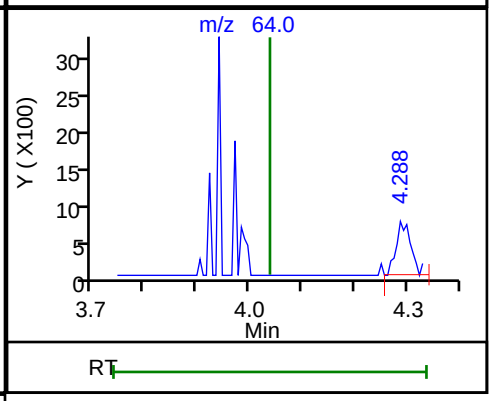
57 1,2-Dichloroethane, CAS: 107-06-2

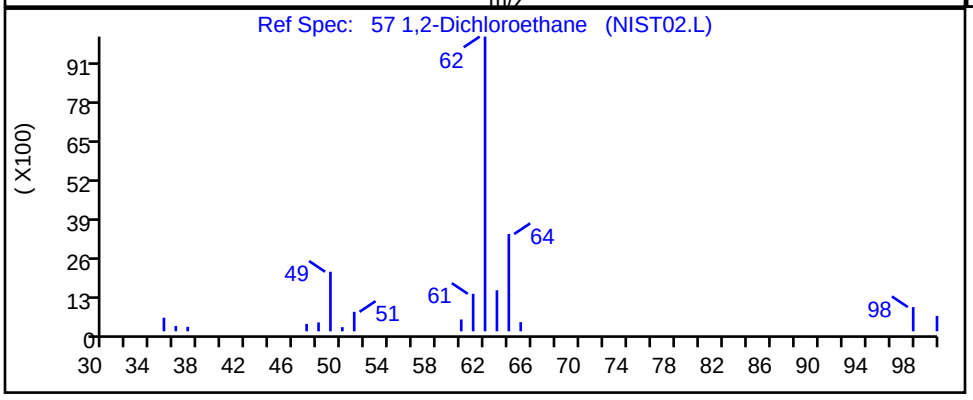
Processing Results











RT	Mass	Response	Amount
4.30	62.00	8134	1.799299
4.29	64.00	1433	

Reviewer: C1JX, 07-May-2024 15:36:30 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-303245-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-973337/3

Matrix: Solid | Lab File ID: B13889.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/07/2024 04:46

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 973337 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	0.0179		0.0010	0.00026
100-41-4	Ethylbenzene	0.0202		0.0010	0.00020
108-88-3	Toluene	0.0191		0.0010	0.00023
1330-20-7	Xylenes, Total	0.0412		0.0020	0.00017
1634-04-4	MTBE	0.0195		0.0010	0.00051
106-93-4	1,2-Dibromoethane	0.0205		0.0010	0.00018
91-20-3	Naphthalene	0.0213		0.0015	0.00041
95-63-6	1,2,4-Trimethylbenzene	0.0204		0.0010	0.00025
108-67-8	1,3,5-Trimethylbenzene	0.0203		0.0010	0.00031
98-82-8	Isopropylbenzene	0.0215		0.0010	0.00029
107-06-2	1,2-Dichloroethane	0.0199		0.0010	0.00030

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		72-138
460-00-4	4-Bromofluorobenzene	101		63-139
2037-26-5	Toluene-d8 (Surr)	96		71-126
1868-53-7	Dibromofluoromethane (Surr)	98		54-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20240507-175545.b\B13889.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 07-May-2024 04:46:30 ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0175545-003
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20240507-175545.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 07-May-2024 20:23:22 Calib Date: 15-Apr-2024 13:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20240415-174688.b\B13395.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1678

First Level Reviewer: C1JX Date: 07-May-2024 16:29:41

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Dichlorodifluoromethane	85	0.947	0.959	-0.012	94	97412	20.0	18.7	
4 Chlorodifluoromethane	67	0.959	0.965	-0.006	93	16582	20.0	21.5	
5 Chloromethane	50	1.038	1.044	-0.006	99	70643	20.0	17.6	
6 Butadiene	54	1.105	1.118	-0.013	93	57580	20.0	21.7	
7 Vinyl chloride	62	1.118	1.130	-0.012	98	88011	20.0	22.3	
8 Bromomethane	94	1.301	1.307	-0.006	99	82471	20.0	26.2	
9 Chloroethane	64	1.361	1.368	-0.007	99	56525	20.0	25.6	
10 Dichlorofluoromethane	67	1.483	1.489	-0.006	79	36796	20.0	7.94	
11 Trichlorofluoromethane	101	1.508	1.514	-0.006	97	62229	20.0	18.7	
12 Pentane	43	1.557	1.569	-0.012	91	176360	40.0	41.2	
14 Ethanol	46	1.715	1.685	0.030	39	10950	800.0	672.4	M
13 Ethyl ether	59	1.697	1.703	-0.006	56	56219	20.0	18.6	
15 2-Methyl-1,3-butadiene	53	1.709	1.721	-0.012	93	74696	20.0	23.3	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.739	1.739	0.000	92	94535	20.0	23.4	
17 1,1,1-Trifluoro-2,2-dichloroetha	83	1.770	1.782	-0.012	90	130640	20.0	21.3	a
18 Acrolein	56	1.788	1.788	0.000	98	135016	300.0	292.7	
24 Isopropyl alcohol	45	2.008	1.843	0.165	27	32194	200.0	178.1	M
19 1,1-Dichloroethene	96	1.855	1.861	-0.006	96	88672	20.0	22.2	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.874	1.880	-0.006	96	99486	20.0	24.0	
21 Acetone	43	1.892	1.910	-0.018	70	100899	100.0	105.3	
22 Iodomethane	142	1.953	1.959	-0.006	98	188098	20.0	22.5	
23 Carbon disulfide	76	1.989	2.002	-0.013	99	267922	20.0	18.2	
25 3-Chloro-1-propene	39	2.099	2.099	0.000	92	80790	20.0	18.2	
27 Acetonitrile	40	2.105	2.105	0.000	76	29383	200.0	197.2	Ma
26 Methyl acetate	43	2.124	2.130	-0.006	95	103486	40.0	31.0	
28 Methylene Chloride	84	2.191	2.203	-0.012	79	93560	20.0	18.1	
30 2-Methyl-2-propanol	59	2.355	2.264	0.091	67	109586	200.0	205.1	a
* 29 TBA-d9 (IS)	65	2.288	2.288	0.000	0	520372	1000.0	1000.0	
31 Acrylonitrile	53	2.373	2.380	-0.007	94	247252	200.0	178.5	
32 trans-1,2-Dichloroethene	96	2.392	2.392	0.000	89	90951	20.0	19.3	
33 Methyl tert-butyl ether	73	2.404	2.422	-0.018	96	239624	20.0	19.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 Hexane	57	2.605	2.617	-0.012	88	92797	20.0	16.7	
35 1,1-Dichloroethane	63	2.715	2.721	-0.006	99	130327	20.0	17.6	
36 Vinyl acetate	86	2.770	2.776	-0.006	98	32229	40.0	52.8	
37 2-Chloro-1,3-butadiene	88	2.782	2.788	-0.006	89	73306	20.0	19.3	
38 Isopropyl ether	45	2.806	2.812	-0.006	83	171782	20.0	15.7	
39 Tert-butyl ethyl ether	87	3.105	3.117	-0.012	91	100161	20.0	19.9	
* 40 2-Butanone-d5	46	3.178	3.184	-0.006	0	311968	250.0	250.0	a
41 cis-1,2-Dichloroethene	96	3.196	3.203	-0.007	98	95907	20.0	18.8	
42 2,2-Dichloropropane	79	3.215	3.215	0.000	90	39894	20.0	21.8	a
43 2-Butanone (MEK)	72	3.227	3.245	-0.018	90	47180	100.0	116.9	
44 Propionitrile	54	3.276	3.288	-0.012	96	97672	200.0	213.8	
45 Ethyl acetate	43	3.300	3.306	-0.006	99	96431	40.0	36.9	M
62 Methyl acrylate	55	3.306	3.325	-0.018	98	71183	20.0	16.8	a
46 Chlorobromomethane	128	3.410	3.410	0.000	72	55932	20.0	20.8	
47 Methacrylonitrile	67	3.410	3.416	-0.006	85	295362	200.0	179.0	
48 Tetrahydrofuran	42	3.465	3.465	0.000	69	43907	40.0	39.8	
49 Chloroform	83	3.489	3.501	-0.012	99	154057	20.0	19.5	
$ 50 Dibromofluoromethane (Surr)	113	3.642	3.648	-0.006	99	255598	50.0	48.8	
51 1,1,1-Trichloroethane	97	3.660	3.660	0.000	97	140121	20.0	21.8	
52 Cyclohexane	84	3.709	3.721	-0.012	83	124125	20.0	18.8	
54 1,1-Dichloropropene	75	3.806	3.812	-0.006	97	102293	20.0	18.4	
53 Carbon tetrachloride	117	3.812	3.824	-0.012	97	132919	20.0	22.1	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	3.952	3.959	-0.007	0	244085	50.0	49.6	
56 Benzene	78	4.001	4.007	-0.006	94	291030	20.0	17.9	
58 Isobutyl alcohol	42	4.007	4.032	-0.025	38	38031	500.0	382.7	
57 1,2-Dichloroethane	62	4.032	4.038	-0.006	98	106721	20.0	19.9	
73 Isopropyl acetate	61	4.154	4.160	-0.006	87	26222	20.0	18.0	
59 Tert-amyl methyl ether	73	4.160	4.166	-0.006	86	272265	20.0	19.8	
* 60 Fluorobenzene	96	4.300	4.306	-0.006	99	764340	50.0	50.0	
61 n-Heptane	43	4.330	4.337	-0.006	81	79482	20.0	15.6	
63 Trichloroethene	95	4.690	4.696	-0.006	94	84514	20.0	19.3	
64 n-Butanol	43	4.727	4.708	0.019	86	22789	500.0	429.8	
66 Ethyl acrylate	55	4.891	4.891	0.000	99	162684	20.0	17.2	
65 Methylcyclohexane	83	4.903	4.903	0.000	93	145907	20.0	19.2	
67 1,2-Dichloropropane	63	4.934	4.934	0.000	89	64347	20.0	15.6	
* 69 1,4-Dioxane-d8	96	5.062	5.056	0.006	0	36956	1000.0	1000.0	
68 Dibromomethane	93	5.056	5.062	-0.006	88	53184	20.0	19.0	
70 1,4-Dioxane	88	5.111	5.123	-0.012	74	16341	400.0	417.7	
71 Methyl methacrylate	100	5.135	5.141	-0.006	77	44916	40.0	39.5	
81 n-Propyl acetate	43	5.233	5.227	0.006	94	70068	20.0	15.7	
72 Dichlorobromomethane	83	5.269	5.269	0.000	98	106475	20.0	19.3	
74 2-Nitropropane	41	5.556	5.556	0.000	98	34896	40.0	42.5	
75 2-Chloroethyl vinyl ether	63	5.678	5.678	0.000	89	34505	20.0	19.4	
76 Epichlorohydrin	57	5.714	5.720	-0.006	98	134874	400.0	471.1	
77 cis-1,3-Dichloropropene	75	5.818	5.818	0.000	90	114997	20.0	18.4	
78 4-Methyl-2-pentanone (MIBK)	43	6.062	6.062	0.000	90	270415	100.0	104.1	
$ 79 Toluene-d8 (Surr)	98	6.147	6.153	-0.006	99	862182	50.0	47.8	
80 Toluene	91	6.232	6.232	0.000	93	329051	20.0	19.1	
82 trans-1,3-Dichloropropene	75	6.556	6.556	0.000	94	101347	20.0	19.0	
83 1,1,2-Trichloroethane	83	6.781	6.787	-0.006	94	55488	20.0	18.7	
84 Ethyl methacrylate	69	6.757	6.848	-0.091	84	90736	20.0	19.0	a
85 Tetrachloroethene	166	6.934	6.934	0.000	97	108112	20.0	22.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 1,3-Dichloropropane	76	6.982	6.982	0.000	89	103826	20.0	18.3	
87 2-Hexanone	43	7.141	7.147	-0.006	90	184752	100.0	106.1	
88 Chlorodibromomethane	129	7.232	7.232	0.000	98	96642	20.0	21.3	
89 Ethylene Dibromide	107	7.324	7.324	0.000	98	77079	20.0	20.5	
90 n-Butyl acetate	43	7.330	7.330	0.000	95	78167	20.0	17.0	
* 91 Chlorobenzene-d5	117	7.830	7.830	0.000	82	639212	50.0	50.0	
92 Chlorobenzene	112	7.854	7.854	0.000	98	229567	20.0	19.4	
93 1,1,1,2-Tetrachloroethane	131	7.952	7.952	0.000	94	99304	20.0	21.8	
94 Ethylbenzene	106	7.988	7.988	0.000	97	122293	20.0	20.2	
95 m-Xylene & p-Xylene	106	8.104	8.104	0.000	0	154396	20.0	20.7	
96 o-Xylene	106	8.458	8.458	0.000	94	152532	20.0	20.5	
97 Styrene	104	8.470	8.470	0.000	96	248734	20.0	21.1	
98 n-Butyl acrylate	73	8.488	8.494	-0.006	99	57924	20.0	20.6	
99 Bromoform	173	8.604	8.604	0.000	99	78630	20.0	22.6	
101 Amyl acetate (mixed isomers)	43	8.695	8.695	0.000	92	95285	20.0	17.2	
102 Isopropylbenzene	105	8.787	8.787	0.000	95	383622	20.0	21.5	
$ 103 4-Bromofluorobenzene	174	8.897	8.897	0.000	97	351188	50.0	50.5	
104 Bromobenzene	156	9.000	9.000	0.000	85	123151	20.0	20.3	
106 1,1,2,2-Tetrachloroethane	83	9.037	9.037	0.000	96	100481	20.0	17.5	
105 1,2,3-Trichloropropane	110	9.055	9.055	0.000	94	33480	20.0	20.4	
107 trans-1,4-Dichloro-2-butene	53	9.086	9.086	0.000	94	24855	20.0	19.3	
108 N-Propylbenzene	120	9.122	9.122	0.000	100	116067	20.0	19.8	
109 2-Chlorotoluene	126	9.171	9.165	0.006	96	105983	20.0	19.5	
110 4-Ethyltoluene	105	9.214	9.214	0.000	99	416476	20.0	20.0	
111 4-Chlorotoluene	91	9.256	9.256	0.000	98	326865	20.0	19.5	
112 1,3,5-Trimethylbenzene	105	9.268	9.268	0.000	93	357380	20.0	20.3	
100 Butyl Methacrylate	87	9.372	9.372	0.000	85	104840	20.0	19.6	
113 tert-Butylbenzene	119	9.512	9.512	0.000	94	304621	20.0	20.0	
114 1,2,4-Trimethylbenzene	105	9.549	9.549	0.000	97	373679	20.0	20.4	
115 sec-Butylbenzene	105	9.677	9.677	0.000	99	455428	20.0	20.1	
116 1,3-Dichlorobenzene	146	9.738	9.738	0.000	98	236383	20.0	20.5	
* 117 1,4-Dichlorobenzene-d4	152	9.787	9.793	-0.006	94	426818	50.0	50.0	
119 4-Isopropyltoluene	119	9.793	9.793	0.000	98	416089	20.0	20.1	
118 1,4-Dichlorobenzene	146	9.805	9.805	0.000	96	239235	20.0	20.2	
120 1,2,3-Trimethylbenzene	105	9.854	9.854	0.000	98	392632	20.0	19.7	
121 Benzyl chloride	126	9.915	9.915	0.000	99	50493	20.0	22.2	
122 2,3-Dihydroindene	117	9.994	9.994	0.000	95	381926	20.0	21.0	
124 p-Diethylbenzene	119	10.073	10.073	0.000	94	266691	20.0	21.2	
123 1,2-Dichlorobenzene	146	10.073	10.073	0.000	96	235514	20.0	20.6	
125 n-Butylbenzene	92	10.085	10.091	-0.006	97	207681	20.0	19.8	
127 1,2,4,5-Tetramethylbenzene	119	10.616	10.616	0.000	97	408854	20.0	21.8	
126 1,2-Dibromo-3-Chloropropane	157	10.622	10.628	-0.006	87	35090	20.0	22.9	
128 1,3,5-Trichlorobenzene	180	10.774	10.774	0.000	97	216592	20.0	22.1	
129 1,2,4-Trichlorobenzene	180	11.189	11.189	0.000	94	205839	20.0	22.6	
130 Hexachlorobutadiene	225	11.317	11.317	0.000	97	105923	20.0	21.9	
131 Naphthalene	128	11.353	11.353	0.000	99	447318	20.0	21.3	
132 1,2,3-Trichlorobenzene	180	11.530	11.530	0.000	95	203375	20.0	22.4	
S 133 1,2-Dichloroethene, Total	100				0		40.0	38.1	
S 134 1,3-Dichloropropene, Total	100				0		40.0	37.4	
S 135 Xylenes, Total	100				0		40.0	41.2	
S 136 Total BTEX	1				0		100.0	98.4	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

524FREONS_00018	Amount Added:	2.00	Units: uL	
8260MIX1COMB_00186	Amount Added:	2.00	Units: uL	
ACROLEIN W_00168	Amount Added:	3.00	Units: uL	
GASES Li_00582	Amount Added:	2.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00246	Amount Added:	1.00	Units: uL	Run Reagent

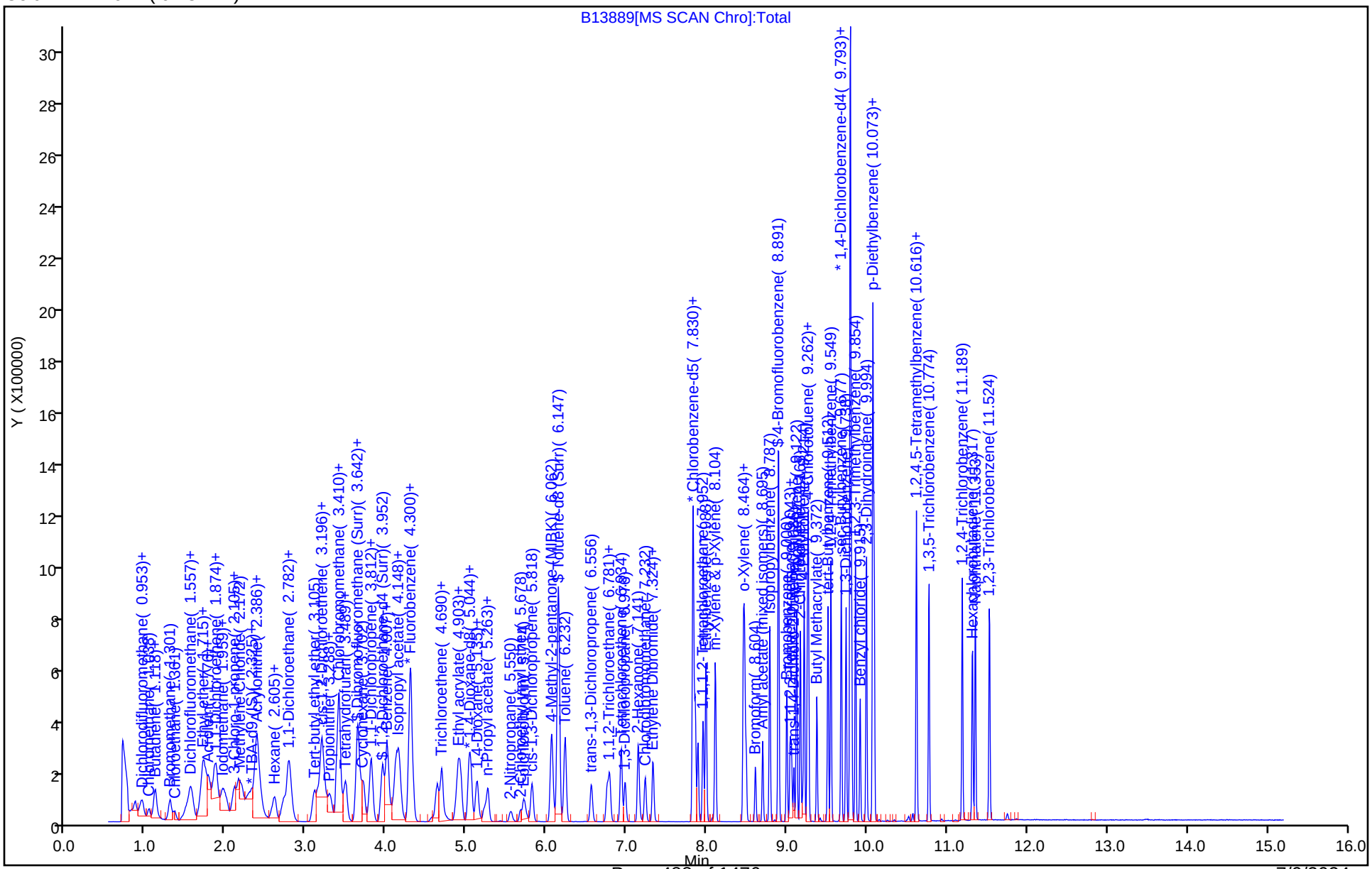
Report Date: 07-May-2024 20:23:23 Chrom Revision: 2.3 26-Apr-2024 12:18:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20240507-175545.b\B13889.D

Injection Date:	07-May-2024 04:46:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	LCS			Worklist Smp#:	3
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



7/9/2024
8:32:15 AM

Manual Integration/User Assign Peak Report

Eurofins Edison

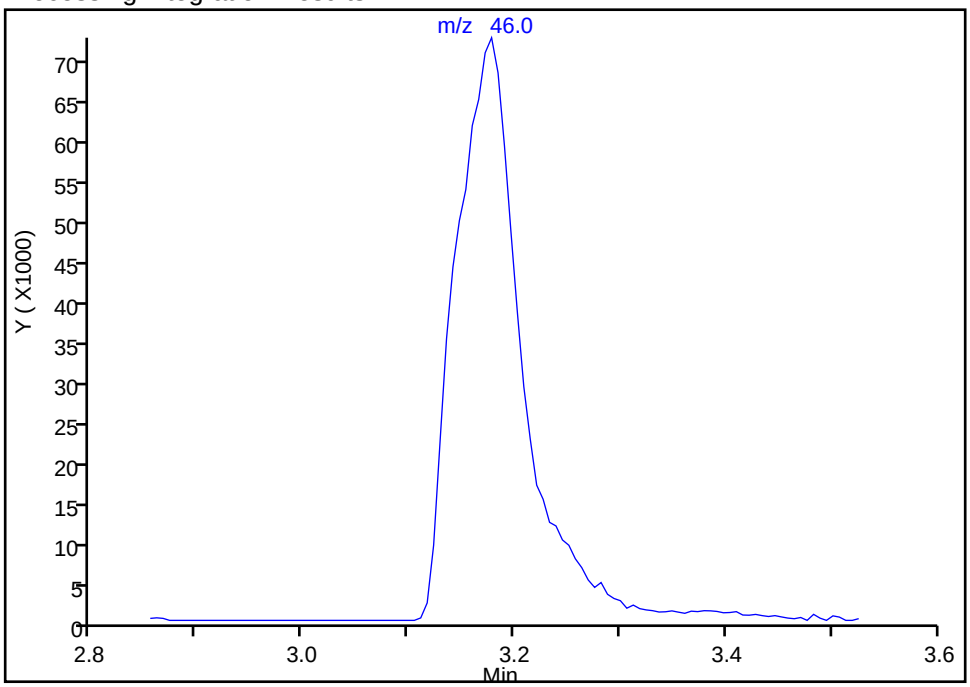
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20240507-175545.b\B13889.D
Injection Date: 07-May-2024 04:46:30 Instrument ID: CVOAMS2
Lims ID: LCS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

* 40 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

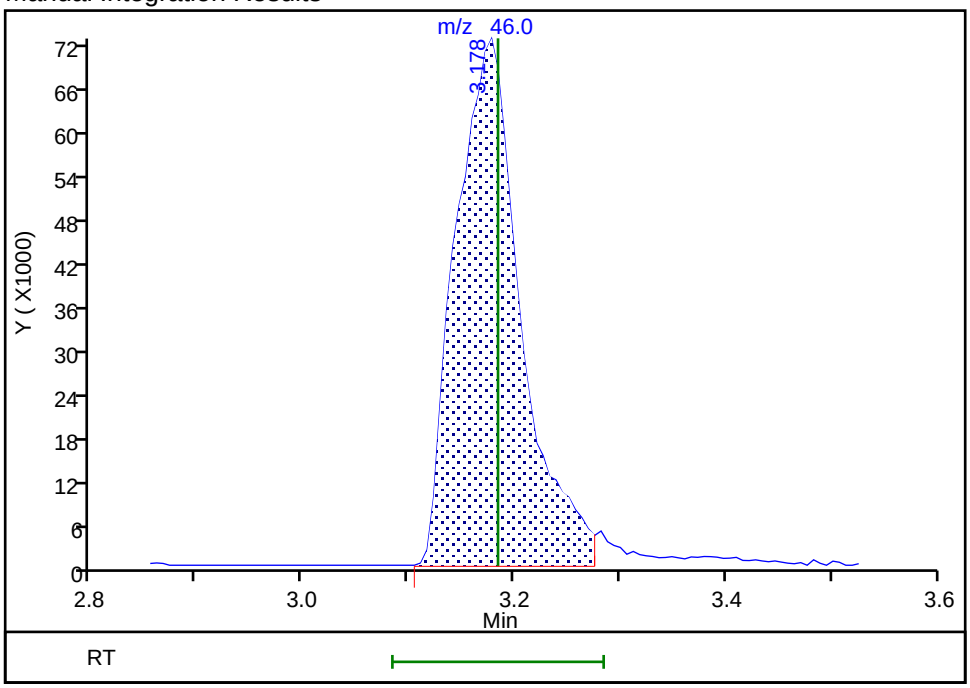
Not Detected
Expected RT: 3.18

Processing Integration Results



Manual Integration Results

RT: 3.18
Area: 311968
Amount: 250.0000
Amount Units: ug/l



Reviewer: N1JZ, 07-May-2024 05:23:13 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-303245-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-973363/3

Matrix: Water | Lab File ID: P27269.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/07/2024 09:06

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 973363 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	19.5		1.0	0.20
100-41-4	Ethylbenzene	19.8		1.0	0.30
108-88-3	Toluene	19.6		1.0	0.38
1330-20-7	Xylenes, Total	39.3		2.0	0.65
1634-04-4	MTBE	18.8		1.0	0.22
106-93-4	1,2-Dibromoethane	19.9		1.0	0.50
91-20-3	Naphthalene	21.0		1.0	0.88
95-63-6	1,2,4-Trimethylbenzene	20.1		1.0	0.37
108-67-8	1,3,5-Trimethylbenzene	19.8		1.0	0.33
98-82-8	Isopropylbenzene	20.0		1.0	0.34
107-06-2	1,2-Dichloroethane	19.2		1.0	0.43

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	88		70-128
460-00-4	4-Bromofluorobenzene	104		76-120
2037-26-5	Toluene-d8 (Surr)	95		80-120
1868-53-7	Dibromofluoromethane (Surr)	90		77-132

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20240507-175557.b\P27269.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 07-May-2024 09:06:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0175557-003
Operator ID: Instrument ID: CVOAMS13

Method: \\chromfs\Edison\ChromData\CVOAMS13\20240507-175557.b\8260W_13.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 07-May-2024 12:35:24 Calib Date: 03-May-2024 14:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20240503-175422.b\P27135.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1687

First Level Reviewer: RD6L Date: 07-May-2024 09:27:35

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
173 Chlorotrifluoroethene	116	1.038	1.038	0.000	87	17644	20.0	18.4	
3 Dichlorodifluoromethane	85	1.052	1.053	-0.001	99	64969	20.0	15.6	
168 Chlorodifluoromethane	51	1.095	1.088	0.007	99	117016	20.0	19.5	
7 Vinyl chloride	62	1.210	1.210	0.000	99	64202	20.0	18.0	
6 Chloromethane	50	1.210	1.210	0.000	99	83554	20.0	17.3	
175 Butadiene	54	1.217	1.217	0.000	97	55508	20.0	17.5	
9 Bromomethane	94	1.389	1.389	0.000	99	39250	20.0	20.8	
10 Chloroethane	64	1.454	1.461	-0.007	100	41737	20.0	21.2	
11 Pentane	72	1.532	1.532	0.000	96	22241	40.0	52.9	
12 Trichlorofluoromethane	101	1.532	1.532	0.000	58	80250	20.0	20.1	
177 Dichlorofluoromethane	67	1.568	1.568	0.000	99	109048	20.0	18.8	
14 2-Methyl-1,3-butadiene	67	1.704	1.704	0.000	98	81750	20.0	19.5	
15 Ethyl ether	59	1.704	1.704	0.000	94	47150	20.0	18.3	
16 Ethanol	46	1.797	1.797	0.000	99	11930	800.0	971.1	
170 1,2-Dichloro-1,1,2-trifluoroetha	69	1.819	1.819	0.000	97	19072	20.0	16.7	
17 1,1-Dichloroethene	96	1.819	1.819	0.000	97	47363	20.0	18.9	
19 Carbon disulfide	76	1.847	1.840	0.007	100	170464	20.0	19.0	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.847	1.848	-0.001	83	49170	20.0	20.5	
174 1,1,1-Trifluoro-2,2-dichloroetha	83	1.855	1.855	0.000	96	74871	20.0	18.8	
22 Iodomethane	142	1.912	1.912	0.000	98	63720	20.0	14.1	
169 Cyclopentene	67	1.998	1.998	0.000	96	113885	20.0	18.7	
24 Acrolein	56	2.012	2.020	-0.008	95	14254	40.0	35.6	
164 3-Chloro-1-propene	76	2.098	2.098	0.000	46	33512	20.0	19.7	
26 Isopropyl alcohol	45	2.120	2.120	0.000	98	26102	200.0	213.9	
27 Methylene Chloride	84	2.170	2.170	0.000	94	59231	20.0	17.7	
28 Acetone	43	2.191	2.191	0.000	86	61083	100.0	97.7	
29 trans-1,2-Dichloroethene	96	2.270	2.270	0.000	98	54627	20.0	18.7	
30 Methyl acetate	74	2.270	2.270	0.000	99	13577	40.0	38.6	
31 Hexane	86	2.320	2.328	-0.008	94	14035	20.0	21.4	
32 Methyl tert-butyl ether	73	2.335	2.335	0.000	87	167935	20.0	18.8	
* 33 TBA-d9 (IS)	65	2.349	2.349	0.000	100	218146	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 2-Methyl-2-propanol	59	2.399	2.399	0.000	98	44793	200.0	210.3	
35 Acetonitrile	41	2.485	2.485	0.000	98	66476	200.0	227.0	
36 Isopropyl ether	45	2.585	2.585	0.000	95	187368	20.0	18.7	
37 2-Chloro-1,3-butadiene	88	2.650	2.650	0.000	92	48354	20.0	18.4	
38 1,1-Dichloroethane	63	2.664	2.664	0.000	99	104304	20.0	18.8	
39 Acrylonitrile	53	2.693	2.693	0.000	92	199158	200.0	177.5	
41 Vinyl acetate	43	2.836	2.836	0.000	99	279219	40.0	39.5	
40 Tert-butyl ethyl ether	59	2.836	2.836	0.000	57	185234	20.0	18.8	
42 cis-1,2-Dichloroethene	96	3.044	3.044	0.000	96	58670	20.0	18.5	
43 2,2-Dichloropropane	97	3.122	3.123	-0.001	98	17422	20.0	19.2	
45 Chlorobromomethane	128	3.187	3.187	0.000	93	28919	20.0	18.7	
44 Cyclohexane	56	3.194	3.194	0.000	92	93129	20.0	19.2	
46 Chloroform	83	3.251	3.252	-0.001	98	95850	20.0	18.7	
48 Ethyl acetate	70	3.345	3.345	0.000	100	12784	40.0	42.1	
49 Methyl acrylate	55	3.345	3.345	0.000	98	50866	20.0	18.2	
47 Carbon tetrachloride	117	3.352	3.352	0.000	98	66806	20.0	19.2	
50 Tetrahydrofuran	42	3.366	3.366	0.000	90	39819	40.0	41.7	
$ 51 Dibromofluoromethane (Surr)	113	3.388	3.388	0.000	97	97500	50.0	45.1	
52 1,1,1-Trichloroethane	97	3.402	3.402	0.000	96	83265	20.0	19.2	
* 53 2-Butanone-d5	46	3.438	3.438	0.000	99	286067	250.0	250.0	
54 2-Butanone (MEK)	72	3.481	3.474	0.007	100	33978	100.0	103.3	
55 1,1-Dichloropropene	110	3.502	3.502	0.000	96	27082	20.0	18.2	
56 Isooctane	57	3.602	3.603	-0.001	98	134653	20.0	20.3	
57 n-Heptane	57	3.696	3.696	0.000	80	34513	20.0	20.5	
58 Benzene	78	3.703	3.703	0.000	96	232581	20.0	19.5	
59 Propionitrile	54	3.703	3.703	0.000	95	68422	200.0	209.5	
60 Methacrylonitrile	67	3.724	3.724	0.000	93	231367	200.0	182.2	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.810	3.810	0.000	0	114482	50.0	43.8	
62 Tert-amyl methyl ether	73	3.810	3.810	0.000	99	171973	20.0	18.9	
63 1,2-Dichloroethane	62	3.867	3.868	-0.001	98	80026	20.0	19.2	
64 Isobutyl alcohol	43	3.925	3.918	0.007	97	49685	500.0	560.9	
* 66 Fluorobenzene	96	4.061	4.061	0.000	99	604808	50.0	50.0	
67 Isopropyl acetate	43	4.111	4.111	0.000	99	114382	20.0	20.1	
68 Methylcyclohexane	83	4.211	4.211	0.000	96	95569	20.0	21.3	
69 Trichloroethene	130	4.218	4.219	-0.001	98	63185	20.0	20.4	
72 n-Butanol	56	4.584	4.584	0.000	88	37258	500.0	631.2	
71 Dibromomethane	93	4.598	4.598	0.000	98	38401	20.0	20.0	
73 1,2-Dichloropropane	63	4.698	4.699	0.000	89	65722	20.0	20.2	
74 Ethyl acrylate	55	4.756	4.756	0.000	98	78857	20.0	19.7	
75 Dichlorobromomethane	83	4.777	4.777	0.000	98	76778	20.0	19.9	
* 76 1,4-Dioxane-d8	96	4.956	4.956	0.000	71	31675	1000.0	1000.0	
77 Methyl methacrylate	100	4.963	4.964	-0.001	90	30997	40.0	37.0	
78 1,4-Dioxane	88	4.985	4.985	0.000	94	13738	400.0	445.6	
79 n-Propyl acetate	43	5.121	5.121	0.000	99	76994	20.0	18.3	
80 2-Chloroethyl vinyl ether	63	5.400	5.400	0.000	96	39512	20.0	18.7	
81 cis-1,3-Dichloropropene	75	5.443	5.443	0.000	94	102762	20.0	20.0	
S 176 1,3-Dichloropropene, Total	1				0		40.0	40.0	
$ 82 Toluene-d8 (Surr)	98	5.644	5.644	0.000	99	444978	50.0	47.7	
83 Toluene	91	5.701	5.701	0.000	93	250549	20.0	19.6	
84 Epichlorohydrin	57	5.716	5.716	0.000	99	117302	400.0	398.5	
85 2-Nitropropane	41	5.945	5.945	0.000	99	31608	40.0	38.9	
86 Tetrachloroethene	166	6.152	6.153	-0.001	97	58993	20.0	20.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
87 4-Methyl-2-pentanone (MIBK)	43	6.167	6.167	0.000	97	256444	100.0	104.2	
88 trans-1,3-Dichloropropene	75	6.203	6.203	0.000	98	93925	20.0	20.0	
89 1,1,2-Trichloroethane	83	6.389	6.389	0.000	94	44473	20.0	19.9	
90 Ethyl methacrylate	69	6.453	6.453	0.000	89	76818	20.0	18.3	
91 Chlorodibromomethane	129	6.597	6.597	0.000	98	56321	20.0	20.2	
92 1,3-Dichloropropane	76	6.711	6.711	0.000	94	95343	20.0	19.8	
93 Ethylene Dibromide	107	6.854	6.855	-0.001	99	54477	20.0	19.9	
94 n-Butyl acetate	43	7.177	7.177	0.000	98	78962	20.0	18.7	
95 2-Hexanone	43	7.241	7.241	0.000	96	176389	100.0	103.2	
* 96 Chlorobenzene-d5	117	7.556	7.557	-0.001	88	447766	50.0	50.0	
97 Chlorobenzene	112	7.578	7.578	0.000	95	163047	20.0	19.9	
98 Ethylbenzene	106	7.657	7.657	0.000	98	86053	20.0	19.8	
99 1,1,1,2-Tetrachloroethane	131	7.693	7.693	-0.001	94	55160	20.0	20.5	
100 m-Xylene & p-Xylene	106	7.872	7.872	0.000	0	104541	20.0	19.6	
101 o-Xylene	106	8.473	8.473	0.000	94	101279	20.0	19.7	
102 Bromoform	173	8.545	8.545	0.000	95	35521	20.0	19.4	
103 Styrene	104	8.559	8.559	0.000	95	172492	20.0	19.8	
104 n-Butyl acrylate	73	8.867	8.867	0.000	96	41206	20.0	19.0	
105 Isopropylbenzene	105	8.968	8.968	0.000	96	239612	20.0	20.0	
106 Amyl acetate (mixed isomers)	43	9.283	9.283	0.000	90	97921	20.0	18.7	
$ 107 4-Bromofluorobenzene	174	9.347	9.347	0.000	89	194784	50.0	52.0	
108 Bromobenzene	156	9.462	9.462	0.000	97	71345	20.0	19.8	
109 N-Propylbenzene	91	9.605	9.605	0.000	99	304884	20.0	19.7	
110 1,1,2,2-Tetrachloroethane	83	9.741	9.741	0.000	98	67765	20.0	19.5	
111 2-Chlorotoluene	91	9.791	9.791	0.000	96	214218	20.0	19.3	
172 4-Ethyltoluene	105	9.798	9.799	-0.001	98	265740	20.0	19.9	
113 1,2,3-Trichloropropane	110	9.884	9.885	-0.001	98	20998	20.0	19.7	
114 1,3,5-Trimethylbenzene	105	9.949	9.949	0.000	93	221007	20.0	19.8	
115 trans-1,4-Dichloro-2-butene	53	9.999	10.006	-0.007	90	22310	20.0	19.1	
116 4-Chlorotoluene	91	10.056	10.056	0.000	98	199263	20.0	19.4	
117 tert-Butylbenzene	119	10.429	10.429	0.000	94	181162	20.0	19.7	
119 Butyl Methacrylate	87	10.536	10.536	0.000	94	80309	20.0	19.5	
118 1,2,4-Trimethylbenzene	105	10.558	10.558	0.000	98	237399	20.0	20.1	
120 sec-Butylbenzene	105	10.730	10.730	0.000	99	260818	20.0	20.0	
121 1,3-Dichlorobenzene	146	10.995	10.995	0.000	95	132374	20.0	20.2	
122 4-Isopropyltoluene	119	11.002	11.002	0.000	98	231868	20.0	20.3	
* 123 1,4-Dichlorobenzene-d4	152	11.124	11.131	-0.007	96	260761	50.0	50.0	
124 1,4-Dichlorobenzene	146	11.152	11.152	0.000	95	135606	20.0	20.1	
125 1,2,3-Trimethylbenzene	105	11.245	11.246	-0.001	99	248223	20.0	19.8	
165 2,3-Dihydroindene	117	11.410	11.410	0.000	0	241949	20.0	20.5	
127 Benzyl chloride	126	11.546	11.546	0.000	97	29748	20.0	19.8	
167 p-Diethylbenzene	119	11.561	11.561	0.000	94	140474	20.0	20.7	
129 n-Butylbenzene	91	11.632	11.632	0.000	99	202890	20.0	20.4	
130 1,2-Dichlorobenzene	146	11.732	11.733	-0.001	96	128167	20.0	20.1	
166 1,2,4,5-Tetramethylbenzene	119	12.542	12.542	0.000	97	224114	20.0	21.1	
132 1,2-Dibromo-3-Chloropropane	157	12.685	12.685	0.000	94	13933	20.0	19.7	
133 1,3,5-Trichlorobenzene	180	12.735	12.735	0.000	97	89580	20.0	21.5	
134 1,2,4-Trichlorobenzene	180	13.366	13.366	0.000	94	84851	20.0	22.2	
135 Hexachlorobutadiene	225	13.380	13.380	0.000	94	29171	20.0	22.2	
136 Naphthalene	128	13.645	13.645	0.000	99	226198	20.0	21.0	
137 1,2,3-Trichlorobenzene	180	13.803	13.803	0.000	96	76461	20.0	22.2	
S 138 1,2-Dichloroethene, Total	100				0		40.0	37.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 140 Xylenes, Total	100				0		40.0	39.3	

QC Flag Legend

Processing Flags

Reagents:

ACROLEIN W_00168	Amount Added: 4.00	Units: uL	
GASES Li_00582	Amount Added: 20.00	Units: uL	
8260MIX1COMB_00187	Amount Added: 20.00	Units: uL	
524FREONS_00018	Amount Added: 20.00	Units: uL	
8260ISNEW_00155	Amount Added: 1.00	Units: uL	Run Reagent
8260SURR250_00246	Amount Added: 1.00	Units: uL	Run Reagent

Report Date: 07-May-2024 12:36:21 Chrom Revision: 2.3 26-Apr-2024 12:18:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20240507-175557.b\P27269.D

Injection Date: 07-May-2024 09:06:30 Instrument ID: CVOAMS13 Operator ID:

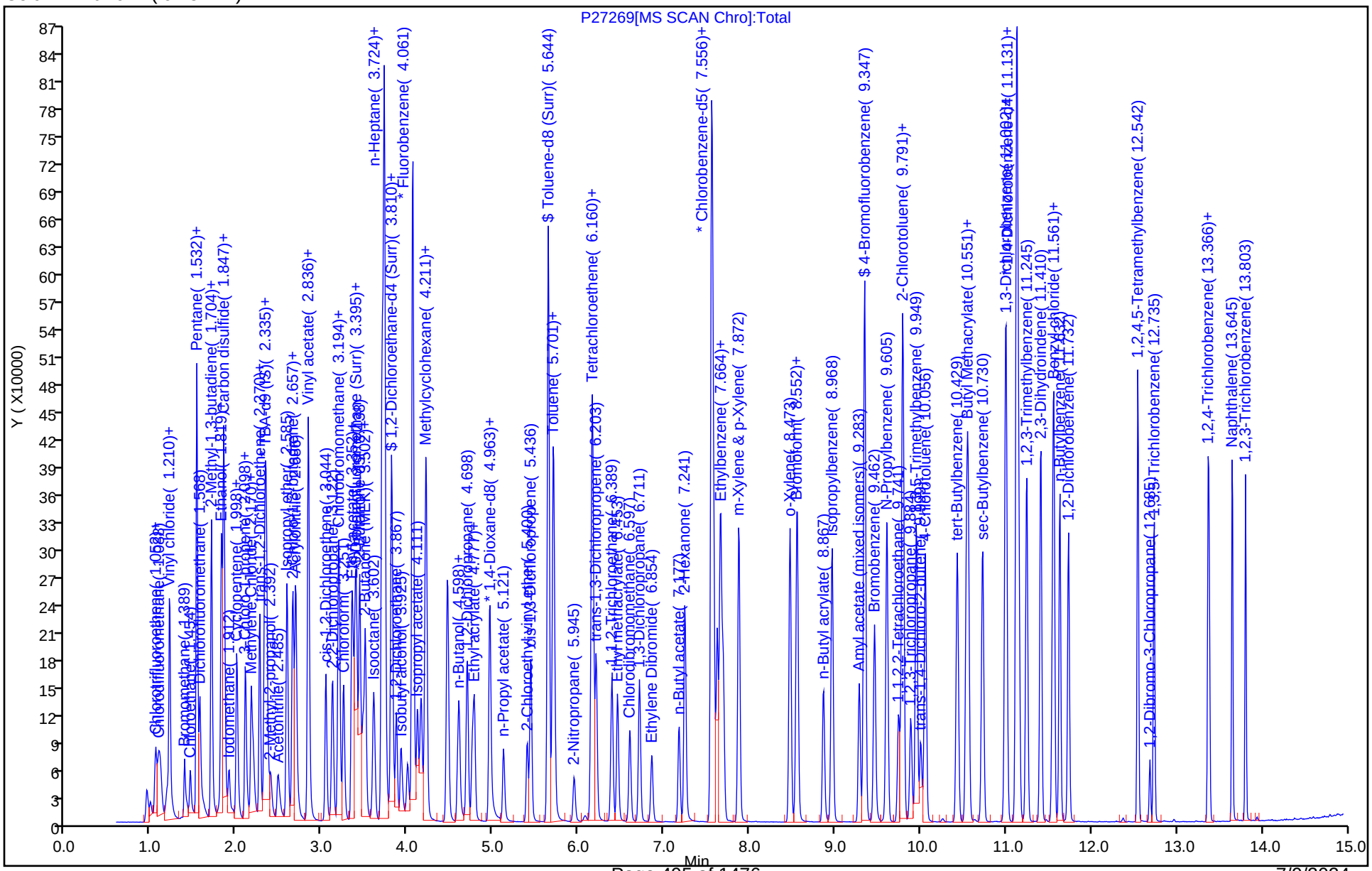
Lims ID: LCS Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-303245-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-973337/4

Matrix: Solid | Lab File ID: B13890.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/07/2024 05:11

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 973337 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	0.0173		0.0010	0.00026
100-41-4	Ethylbenzene	0.0209		0.0010	0.00020
108-88-3	Toluene	0.0195		0.0010	0.00023
1330-20-7	Xylenes, Total	0.0414		0.0020	0.00017
1634-04-4	MTBE	0.0198		0.0010	0.00051
106-93-4	1,2-Dibromoethane	0.0206		0.0010	0.00018
91-20-3	Naphthalene	0.0213		0.0015	0.00041
95-63-6	1,2,4-Trimethylbenzene	0.0208		0.0010	0.00025
108-67-8	1,3,5-Trimethylbenzene	0.0206		0.0010	0.00031
98-82-8	Isopropylbenzene	0.0215		0.0010	0.00029
107-06-2	1,2-Dichloroethane	0.0200		0.0010	0.00030

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		72-138
460-00-4	4-Bromofluorobenzene	98		63-139
2037-26-5	Toluene-d8 (Surr)	94		71-126
1868-53-7	Dibromofluoromethane (Surr)	97		54-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20240507-175545.b\B13890.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 07-May-2024 05:11:30 ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0175545-004
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20240507-175545.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 07-May-2024 20:24:35 Calib Date: 15-Apr-2024 13:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20240415-174688.b\B13395.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1678

First Level Reviewer: C1JX Date: 07-May-2024 16:29:50

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Dichlorodifluoromethane	85	0.953	0.959	-0.006	97	90471	20.0	17.2	
4 Chlorodifluoromethane	67	0.953	0.965	-0.012	93	16327	20.0	21.0	
5 Chloromethane	50	1.032	1.044	-0.012	98	67519	20.0	16.7	
6 Butadiene	54	1.111	1.118	-0.007	91	51742	20.0	19.3	
7 Vinyl chloride	62	1.117	1.130	-0.013	98	80590	20.0	20.2	
8 Bromomethane	94	1.300	1.307	-0.007	99	73641	20.0	23.1	
9 Chloroethane	64	1.355	1.368	-0.013	99	49481	20.0	22.2	
10 Dichlorofluoromethane	67	1.489	1.489	0.000	98	33074	20.0	7.07	a
11 Trichlorofluoromethane	101	1.514	1.514	0.000	98	57687	20.0	17.2	
12 Pentane	43	1.562	1.569	-0.007	92	199284	40.0	46.1	
14 Ethanol	46	1.751	1.685	0.066	62	13127	800.0	753.2	Ma
13 Ethyl ether	59	1.684	1.703	-0.019	98	57539	20.0	18.9	a
15 2-Methyl-1,3-butadiene	53	1.715	1.721	-0.006	92	77462	20.0	23.9	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.733	1.739	-0.006	95	94135	20.0	23.0	
17 1,1,1-Trifluoro-2,2-dichloroetha	83	1.782	1.782	0.000	92	131602	20.0	21.3	a
18 Acrolein	56	1.794	1.788	0.006	96	134987	300.0	273.4	
24 Isopropyl alcohol	45	2.020	1.843	0.177	26	38136	200.0	197.1	M
19 1,1-Dichloroethene	96	1.849	1.861	-0.012	93	90785	20.0	22.5	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.879	1.880	-0.001	96	99436	20.0	23.7	
21 Acetone	43	1.910	1.910	0.000	87	105088	100.0	107.8	
22 Iodomethane	142	1.953	1.959	-0.006	98	193889	20.0	23.0	
23 Carbon disulfide	76	1.995	2.002	-0.007	98	278739	20.0	18.7	
25 3-Chloro-1-propene	39	2.093	2.099	-0.006	91	87153	20.0	19.4	
27 Acetonitrile	40	2.099	2.105	-0.006	76	36098	200.0	226.4	Ma
26 Methyl acetate	43	2.129	2.130	-0.001	96	96090	40.0	28.5	
28 Methylene Chloride	84	2.190	2.203	-0.013	75	97938	20.0	18.7	
30 2-Methyl-2-propanol	59	2.349	2.264	0.085	57	118158	200.0	206.6	a
* 29 TBA-d9 (IS)	65	2.294	2.288	0.006	0	556909	1000.0	1000.0	
31 Acrylonitrile	53	2.373	2.380	-0.007	94	249717	200.0	168.4	
32 trans-1,2-Dichloroethene	96	2.385	2.392	-0.007	91	94460	20.0	19.8	
33 Methyl tert-butyl ether	73	2.416	2.422	-0.006	95	245412	20.0	19.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 Hexane	57	2.605	2.617	-0.012	87	94989	20.0	16.9	
35 1,1-Dichloroethane	63	2.709	2.721	-0.012	99	132180	20.0	17.7	
36 Vinyl acetate	86	2.763	2.776	-0.013	99	32091	40.0	51.7	
37 2-Chloro-1,3-butadiene	88	2.782	2.788	-0.006	86	74256	20.0	19.4	
38 Isopropyl ether	45	2.806	2.812	-0.006	80	173331	20.0	15.7	
39 Tert-butyl ethyl ether	87	3.105	3.117	-0.012	92	103994	20.0	20.5	
* 40 2-Butanone-d5	46	3.178	3.184	-0.006	0	317401	250.0	250.0	
41 cis-1,2-Dichloroethene	96	3.196	3.203	-0.007	98	99413	20.0	19.3	
42 2,2-Dichloropropane	79	3.202	3.215	-0.013	78	40192	20.0	21.7	
43 2-Butanone (MEK)	72	3.233	3.245	-0.012	94	46787	100.0	113.9	
44 Propionitrile	54	3.276	3.288	-0.012	94	101919	200.0	219.3	
45 Ethyl acetate	43	3.294	3.306	-0.012	99	121423	40.0	45.6	
62 Methyl acrylate	55	3.312	3.325	-0.012	99	69751	20.0	16.3	
46 Chlorobromomethane	128	3.404	3.410	-0.006	70	55556	20.0	20.5	
47 Methacrylonitrile	67	3.410	3.416	-0.006	83	299530	200.0	179.7	
48 Tetrahydrofuran	42	3.465	3.465	0.000	68	44056	40.0	39.3	
49 Chloroform	83	3.495	3.501	-0.006	100	156780	20.0	19.6	
$ 50 Dibromofluoromethane (Surr)	113	3.635	3.648	-0.013	98	256626	50.0	48.5	
51 1,1,1-Trichloroethane	97	3.654	3.660	-0.006	96	143119	20.0	22.0	
52 Cyclohexane	84	3.714	3.721	-0.007	82	125765	20.0	18.9	
54 1,1-Dichloropropene	75	3.806	3.812	-0.006	96	106591	20.0	19.0	
53 Carbon tetrachloride	117	3.818	3.824	-0.006	97	135128	20.0	22.3	
$ 55 1,2-Dichloroethane-d4 (Surr)	65	3.952	3.959	-0.007	0	247028	50.0	49.7	
56 Benzene	78	4.001	4.007	-0.006	95	297755	20.0	17.3	
58 Isobutyl alcohol	42	4.013	4.032	-0.019	40	42381	500.0	398.5	
57 1,2-Dichloroethane	62	4.025	4.038	-0.013	98	108697	20.0	20.0	
73 Isopropyl acetate	61	4.153	4.160	-0.007	85	25807	20.0	17.6	
59 Tert-amyl methyl ether	73	4.160	4.166	-0.006	88	277602	20.0	19.9	
* 60 Fluorobenzene	96	4.300	4.306	-0.006	99	771835	50.0	50.0	
61 n-Heptane	43	4.324	4.337	-0.012	81	78744	20.0	15.3	
63 Trichloroethene	95	4.690	4.696	-0.006	94	89863	20.0	20.4	
64 n-Butanol	43	4.708	4.708	0.000	84	24196	500.0	426.4	
66 Ethyl acrylate	55	4.891	4.891	0.000	98	178805	20.0	18.8	
65 Methylcyclohexane	83	4.903	4.903	0.000	92	154619	20.0	20.1	
67 1,2-Dichloropropane	63	4.928	4.934	-0.006	87	71361	20.0	17.2	
* 69 1,4-Dioxane-d8	96	5.050	5.056	-0.006	0	39525	1000.0	1000.0	
68 Dibromomethane	93	5.056	5.062	-0.006	89	57512	20.0	20.3	
70 1,4-Dioxane	88	5.111	5.123	-0.012	28	18989	400.0	453.9	a
71 Methyl methacrylate	100	5.129	5.141	-0.012	78	50361	40.0	43.8	
81 n-Propyl acetate	43	5.226	5.227	-0.001	94	77873	20.0	17.2	
72 Dichlorobromomethane	83	5.269	5.269	0.000	98	115612	20.0	20.8	
74 2-Nitropropane	41	5.556	5.556	0.000	96	36351	40.0	43.8	
75 2-Chloroethyl vinyl ether	63	5.678	5.678	0.000	90	37665	20.0	21.0	
76 Epichlorohydrin	57	5.720	5.720	0.000	98	151855	400.0	521.3	
77 cis-1,3-Dichloropropene	75	5.818	5.818	0.000	89	125385	20.0	18.9	
78 4-Methyl-2-pentanone (MIBK)	43	6.062	6.062	0.000	91	304259	100.0	115.2	
$ 79 Toluene-d8 (Surr)	98	6.147	6.153	-0.006	99	901712	50.0	47.2	
80 Toluene	91	6.232	6.232	0.000	93	356921	20.0	19.5	
82 trans-1,3-Dichloropropene	75	6.555	6.556	-0.001	95	107707	20.0	19.1	
83 1,1,2-Trichloroethane	83	6.781	6.787	-0.006	93	60010	20.0	19.1	
84 Ethyl methacrylate	69	6.757	6.848	-0.091	84	98459	20.0	20.4	a
85 Tetrachloroethene	166	6.927	6.934	-0.007	97	111344	20.0	21.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 1,3-Dichloropropane	76	6.982	6.982	0.000	89	113183	20.0	18.8	
87 2-Hexanone	43	7.141	7.147	-0.006	90	208518	100.0	117.7	
88 Chlorodibromomethane	129	7.232	7.232	0.000	97	103725	20.0	21.6	
89 Ethylene Dibromide	107	7.324	7.324	0.000	100	82180	20.0	20.6	
90 n-Butyl acetate	43	7.330	7.330	0.000	96	87671	20.0	18.0	
* 91 Chlorobenzene-d5	117	7.830	7.830	0.000	83	677062	50.0	50.0	
92 Chlorobenzene	112	7.854	7.854	0.000	97	242957	20.0	19.3	
93 1,1,1,2-Tetrachloroethane	131	7.951	7.952	-0.001	95	104054	20.0	21.6	
94 Ethylbenzene	106	7.988	7.988	0.000	97	133999	20.0	20.9	
95 m-Xylene & p-Xylene	106	8.104	8.104	0.000	0	163250	20.0	20.7	
96 o-Xylene	106	8.457	8.458	-0.001	94	163508	20.0	20.7	
97 Styrene	104	8.470	8.470	0.000	96	265039	20.0	21.2	
98 n-Butyl acrylate	73	8.488	8.494	-0.006	98	64427	20.0	21.6	
99 Bromoform	173	8.604	8.604	0.000	99	80962	20.0	21.9	
101 Amyl acetate (mixed isomers)	43	8.695	8.695	0.000	93	105149	20.0	18.1	
102 Isopropylbenzene	105	8.787	8.787	0.000	95	406915	20.0	21.5	
$ 103 4-Bromofluorobenzene	174	8.896	8.897	-0.001	97	355252	50.0	48.8	
104 Bromobenzene	156	9.000	9.000	0.000	87	129598	20.0	20.3	
106 1,1,2,2-Tetrachloroethane	83	9.037	9.037	0.000	97	108459	20.0	18.1	
105 1,2,3-Trichloropropane	110	9.055	9.055	0.000	96	36451	20.0	21.2	
107 trans-1,4-Dichloro-2-butene	53	9.085	9.086	-0.001	94	26963	20.0	20.0	
108 N-Propylbenzene	120	9.122	9.122	0.000	100	121476	20.0	19.8	
109 2-Chlorotoluene	126	9.171	9.165	0.006	96	113300	20.0	19.9	
110 4-Ethyltoluene	105	9.213	9.214	-0.001	99	444529	20.0	20.4	
111 4-Chlorotoluene	91	9.256	9.256	0.000	97	349595	20.0	19.9	
112 1,3,5-Trimethylbenzene	105	9.268	9.268	0.000	93	380264	20.0	20.6	
100 Butyl Methacrylate	87	9.372	9.372	0.000	85	116368	20.0	20.7	
113 tert-Butylbenzene	119	9.512	9.512	0.000	94	324703	20.0	20.4	
114 1,2,4-Trimethylbenzene	105	9.549	9.549	0.000	97	400314	20.0	20.8	
115 sec-Butylbenzene	105	9.677	9.677	0.000	99	484315	20.0	20.4	
116 1,3-Dichlorobenzene	146	9.738	9.738	0.000	98	243769	20.0	20.2	
* 117 1,4-Dichlorobenzene-d4	152	9.786	9.793	-0.007	95	447479	50.0	50.0	
119 4-Isopropyltoluene	119	9.793	9.793	0.000	98	455945	20.0	21.0	
118 1,4-Dichlorobenzene	146	9.805	9.805	0.000	96	252935	20.0	20.4	
120 1,2,3-Trimethylbenzene	105	9.854	9.854	0.000	98	427461	20.0	20.5	
121 Benzyl chloride	126	9.915	9.915	-0.001	99	51009	20.0	21.3	
122 2,3-Dihydroindene	117	9.994	9.994	0.000	94	400870	20.0	21.8	
124 p-Diethylbenzene	119	10.073	10.073	0.000	94	280938	20.0	21.3	
123 1,2-Dichlorobenzene	146	10.073	10.073	0.000	93	248838	20.0	20.8	
125 n-Butylbenzene	92	10.085	10.091	-0.006	98	221703	20.0	20.2	
127 1,2,4,5-Tetramethylbenzene	119	10.616	10.616	0.000	97	425148	20.0	21.6	
126 1,2-Dibromo-3-Chloropropane	157	10.628	10.628	0.000	92	36448	20.0	22.7	
128 1,3,5-Trichlorobenzene	180	10.774	10.774	0.000	97	220799	20.0	21.5	
129 1,2,4-Trichlorobenzene	180	11.189	11.189	0.000	94	212703	20.0	22.3	
130 Hexachlorobutadiene	225	11.317	11.317	0.000	97	107752	20.0	21.3	
131 Naphthalene	128	11.353	11.353	0.000	99	469289	20.0	21.3	
132 1,2,3-Trichlorobenzene	180	11.530	11.530	0.000	96	207584	20.0	21.8	
S 133 1,2-Dichloroethene, Total	100				0		40.0	39.1	
S 134 1,3-Dichloropropene, Total	100				0		40.0	38.0	
S 135 Xylenes, Total	100				0		40.0	41.4	
S 136 Total BTEX	1				0		100.0	99.2	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8260MIX1COMB_00186	Amount Added:	2.00	Units: uL	
524FREONS_00018	Amount Added:	2.00	Units: uL	
ACROLEIN W_00168	Amount Added:	3.00	Units: uL	
GASES Li_00582	Amount Added:	2.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00246	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 07-May-2024 20:24:35 Chrom Revision: 2.3 26-Apr-2024 12:18:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20240507-175545.b\B13890.D

Injection Date: 07-May-2024 05:11:30 Instrument ID: CVOAMS2 Operator ID:

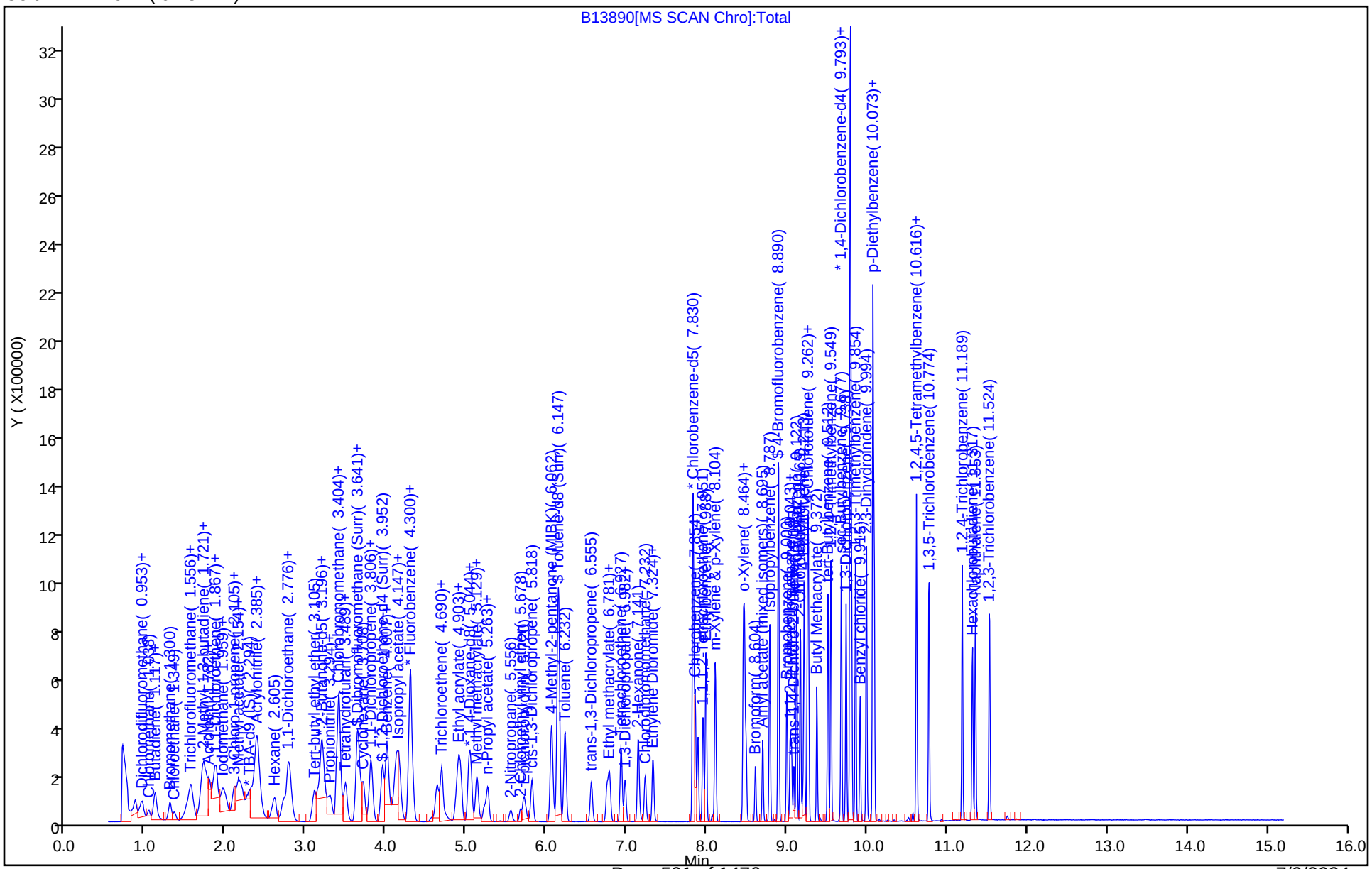
Lims ID: LCSD Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



7/9/2024
8:32:15 AM

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-303245-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-973363/4

Matrix: Water | Lab File ID: P27270.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/07/2024 09:28

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 973363 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	18.2		1.0	0.20
100-41-4	Ethylbenzene	18.3		1.0	0.30
108-88-3	Toluene	18.3		1.0	0.38
1330-20-7	Xylenes, Total	36.6		2.0	0.65
1634-04-4	MTBE	18.8		1.0	0.22
106-93-4	1,2-Dibromoethane	18.4		1.0	0.50
91-20-3	Naphthalene	19.8		1.0	0.88
95-63-6	1,2,4-Trimethylbenzene	18.3		1.0	0.37
108-67-8	1,3,5-Trimethylbenzene	18.1		1.0	0.33
98-82-8	Isopropylbenzene	18.5		1.0	0.34
107-06-2	1,2-Dichloroethane	19.1		1.0	0.43

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	90		70-128
460-00-4	4-Bromofluorobenzene	102		76-120
2037-26-5	Toluene-d8 (Surr)	93		80-120
1868-53-7	Dibromofluoromethane (Surr)	94		77-132

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20240507-175557.b\P27270.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 07-May-2024 09:28:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0175557-004
Operator ID: Instrument ID: CVOAMS13

Method: \\chromfs\Edison\ChromData\CVOAMS13\20240507-175557.b\8260W_13.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 07-May-2024 12:35:24 Calib Date: 03-May-2024 14:48:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20240503-175422.b\P27135.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1687

First Level Reviewer: RD6L Date: 07-May-2024 09:53:05

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
173 Chlorotrifluoroethene	116	1.038	1.038	0.000	87	16566	20.0	18.3	
3 Dichlorodifluoromethane	85	1.052	1.053	-0.001	100	60343	20.0	15.4	
168 Chlorodifluoromethane	51	1.095	1.088	0.007	98	108048	20.0	19.1	
7 Vinyl chloride	62	1.210	1.210	0.000	99	58644	20.0	17.5	
6 Chloromethane	50	1.210	1.210	0.000	99	78922	20.0	17.3	
175 Butadiene	54	1.217	1.217	0.000	97	51051	20.0	17.1	
9 Bromomethane	94	1.389	1.389	0.000	99	36026	20.0	19.1	
10 Chloroethane	64	1.454	1.461	-0.007	100	38492	20.0	20.7	
11 Pentane	72	1.532	1.532	0.000	96	20270	40.0	48.2	
12 Trichlorofluoromethane	101	1.532	1.532	0.000	58	75444	20.0	20.0	
177 Dichlorofluoromethane	67	1.568	1.568	0.000	99	102217	20.0	18.7	
14 2-Methyl-1,3-butadiene	67	1.704	1.704	0.000	98	75596	20.0	19.1	
15 Ethyl ether	59	1.704	1.704	0.000	95	44366	20.0	18.2	
16 Ethanol	46	1.797	1.797	0.000	99	11299	800.0	920.6	
170 1,2-Dichloro-1,1,2-trifluoroetha	69	1.819	1.819	0.000	96	19157	20.0	17.8	
17 1,1-Dichloroethene	96	1.819	1.819	0.000	98	44260	20.0	18.8	
19 Carbon disulfide	76	1.840	1.840	0.000	100	153960	20.0	18.2	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.848	1.848	0.000	91	45505	20.0	20.1	
174 1,1,1-Trifluoro-2,2-dichloroetha	83	1.855	1.855	0.000	96	70503	20.0	18.8	
22 Iodomethane	142	1.912	1.912	0.000	98	64369	20.0	15.1	
169 Cyclopentene	67	1.998	1.998	0.000	97	104446	20.0	18.2	
24 Acrolein	56	2.019	2.020	-0.001	96	13134	40.0	32.8	
164 3-Chloro-1-propene	76	2.098	2.098	0.000	46	29535	20.0	18.4	
26 Isopropyl alcohol	45	2.120	2.120	0.000	97	24490	200.0	200.9	
27 Methylene Chloride	84	2.170	2.170	0.000	93	56026	20.0	17.8	
28 Acetone	43	2.191	2.191	0.000	86	56055	100.0	90.4	
29 trans-1,2-Dichloroethene	96	2.270	2.270	0.000	99	49878	20.0	18.1	
30 Methyl acetate	74	2.270	2.270	0.000	99	12579	40.0	35.8	
31 Hexane	86	2.327	2.328	-0.001	91	12554	20.0	20.3	
32 Methyl tert-butyl ether	73	2.335	2.335	0.000	87	157731	20.0	18.8	
* 33 TBA-d9 (IS)	65	2.349	2.349	0.000	100	217959	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 2-Methyl-2-propanol	59	2.399	2.399	0.000	99	42072	200.0	197.7	
35 Acetonitrile	41	2.485	2.485	0.000	98	62805	200.0	214.7	
36 Isopropyl ether	45	2.585	2.585	0.000	95	175016	20.0	18.6	
37 2-Chloro-1,3-butadiene	88	2.650	2.650	0.000	93	44080	20.0	17.8	
38 1,1-Dichloroethane	63	2.664	2.664	0.000	100	94700	20.0	18.1	
39 Acrylonitrile	53	2.693	2.693	0.000	93	183966	200.0	174.0	
41 Vinyl acetate	43	2.836	2.836	0.000	99	256169	40.0	38.5	
40 Tert-butyl ethyl ether	59	2.836	2.836	0.000	57	171638	20.0	18.4	
42 cis-1,2-Dichloroethene	96	3.044	3.044	0.000	96	53812	20.0	18.0	
43 2,2-Dichloropropane	97	3.115	3.123	-0.008	98	16015	20.0	18.7	
45 Chlorobromomethane	128	3.187	3.187	0.000	91	27609	20.0	19.0	
44 Cyclohexane	56	3.194	3.194	0.000	92	84728	20.0	18.6	
46 Chloroform	83	3.251	3.252	-0.001	98	88110	20.0	18.2	
48 Ethyl acetate	70	3.345	3.345	0.000	100	11699	40.0	38.8	
49 Methyl acrylate	55	3.345	3.345	0.000	98	47332	20.0	18.0	
47 Carbon tetrachloride	117	3.352	3.352	0.000	98	60830	20.0	18.5	
50 Tetrahydrofuran	42	3.366	3.366	0.000	89	36372	40.0	38.4	
$ 51 Dibromofluoromethane (Surr)	113	3.388	3.388	0.000	97	95361	50.0	46.8	
52 1,1,1-Trichloroethane	97	3.402	3.402	0.000	98	75976	20.0	18.6	
* 53 2-Butanone-d5	46	3.438	3.438	0.000	99	283886	250.0	250.0	
54 2-Butanone (MEK)	72	3.481	3.474	0.007	100	31340	100.0	96.0	
55 1,1-Dichloropropene	110	3.502	3.502	0.000	96	25217	20.0	18.0	
56 Isooctane	57	3.602	3.603	-0.001	98	124901	20.0	20.0	
57 n-Heptane	57	3.696	3.696	0.000	81	31397	20.0	19.8	
58 Benzene	78	3.703	3.703	0.000	96	215897	20.0	18.2	
59 Propionitrile	54	3.703	3.703	0.000	95	63417	200.0	194.4	
60 Methacrylonitrile	67	3.724	3.724	0.000	92	213501	200.0	178.4	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	3.810	3.810	0.000	0	111250	50.0	45.2	
62 Tert-amyl methyl ether	73	3.810	3.810	0.000	98	159434	20.0	18.6	
63 1,2-Dichloroethane	62	3.868	3.868	0.000	98	74851	20.0	19.1	
64 Isobutyl alcohol	43	3.925	3.918	0.007	97	47215	500.0	533.5	
* 66 Fluorobenzene	96	4.061	4.061	0.000	99	570152	50.0	50.0	
67 Isopropyl acetate	43	4.111	4.111	0.000	98	96758	20.0	18.1	
68 Methylcyclohexane	83	4.211	4.211	0.000	96	82798	20.0	19.6	
69 Trichloroethene	130	4.219	4.219	-0.001	97	54469	20.0	18.6	
72 n-Butanol	56	4.584	4.584	0.000	88	31240	500.0	529.7	
71 Dibromomethane	93	4.598	4.598	0.000	97	34083	20.0	18.8	
73 1,2-Dichloropropane	63	4.698	4.699	0.000	88	55700	20.0	18.2	
74 Ethyl acrylate	55	4.756	4.756	0.000	98	66667	20.0	17.6	
75 Dichlorobromomethane	83	4.777	4.777	0.000	99	67089	20.0	18.5	
* 76 1,4-Dioxane-d8	96	4.956	4.956	0.000	71	31841	1000.0	1000.0	
77 Methyl methacrylate	100	4.963	4.964	-0.001	89	29092	40.0	36.9	
78 1,4-Dioxane	88	4.985	4.985	0.000	92	13195	400.0	425.7	
79 n-Propyl acetate	43	5.121	5.121	0.000	98	71241	20.0	17.9	
80 2-Chloroethyl vinyl ether	63	5.400	5.400	0.000	96	37338	20.0	18.7	
81 cis-1,3-Dichloropropene	75	5.436	5.443	-0.007	95	94650	20.0	18.5	
S 176 1,3-Dichloropropene, Total	1				0		40.0	36.9	
$ 82 Toluene-d8 (Surr)	98	5.644	5.644	0.000	99	431790	50.0	46.4	
83 Toluene	91	5.701	5.701	0.000	94	232428	20.0	18.3	
84 Epichlorohydrin	57	5.716	5.716	0.000	99	109208	400.0	373.8	
85 2-Nitropropane	41	5.945	5.945	0.000	97	29132	40.0	38.0	
86 Tetrachloroethene	166	6.153	6.153	0.000	97	53147	20.0	18.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
87 4-Methyl-2-pentanone (MIBK)	43	6.167	6.167	0.000	97	233673	100.0	95.7	
88 trans-1,3-Dichloropropene	75	6.203	6.203	0.000	98	86141	20.0	18.4	
89 1,1,2-Trichloroethane	83	6.389	6.389	0.000	94	40934	20.0	18.3	
90 Ethyl methacrylate	69	6.453	6.453	0.000	89	70767	20.0	17.9	
91 Chlorodibromomethane	129	6.597	6.597	0.000	98	51818	20.0	18.6	
92 1,3-Dichloropropane	76	6.711	6.711	0.000	95	88326	20.0	18.4	
93 Ethylene Dibromide	107	6.855	6.855	-0.001	99	50242	20.0	18.4	
94 n-Butyl acetate	43	7.177	7.177	0.000	98	73006	20.0	17.3	
95 2-Hexanone	43	7.241	7.241	0.000	97	162817	100.0	96.0	
* 96 Chlorobenzene-d5	117	7.556	7.557	-0.001	87	446480	50.0	50.0	
97 Chlorobenzene	112	7.578	7.578	0.000	94	151667	20.0	18.5	
98 Ethylbenzene	106	7.657	7.657	0.000	99	79135	20.0	18.3	
99 1,1,1,2-Tetrachloroethane	131	7.693	7.693	0.000	95	50489	20.0	18.8	
100 m-Xylene & p-Xylene	106	7.872	7.872	0.000	0	96866	20.0	18.2	
101 o-Xylene	106	8.473	8.473	0.000	94	94370	20.0	18.4	
102 Bromoform	173	8.545	8.545	0.000	96	33252	20.0	18.2	
103 Styrene	104	8.559	8.559	0.000	95	160130	20.0	18.4	
104 n-Butyl acrylate	73	8.867	8.867	0.000	97	38461	20.0	17.8	
105 Isopropylbenzene	105	8.968	8.968	0.000	96	220619	20.0	18.5	
106 Amyl acetate (mixed isomers)	43	9.283	9.283	0.000	90	90208	20.0	17.2	
$ 107 4-Bromofluorobenzene	174	9.347	9.347	0.000	88	189630	50.0	50.8	
108 Bromobenzene	156	9.462	9.462	0.000	98	65795	20.0	18.1	
109 N-Propylbenzene	91	9.605	9.605	0.000	99	282067	20.0	18.1	
110 1,1,2,2-Tetrachloroethane	83	9.741	9.741	0.000	97	62948	20.0	18.1	
111 2-Chlorotoluene	91	9.791	9.791	0.000	96	197538	20.0	17.7	
172 4-Ethyltoluene	105	9.799	9.799	-0.001	99	246122	20.0	18.3	
113 1,2,3-Trichloropropane	110	9.884	9.885	-0.001	98	19660	20.0	18.4	
114 1,3,5-Trimethylbenzene	105	9.949	9.949	0.000	93	203771	20.0	18.1	
115 trans-1,4-Dichloro-2-butene	53	9.999	10.006	-0.007	90	20862	20.0	17.7	
116 4-Chlorotoluene	91	10.056	10.056	0.000	98	181791	20.0	17.6	
117 tert-Butylbenzene	119	10.429	10.429	0.000	94	168671	20.0	18.3	
119 Butyl Methacrylate	87	10.536	10.536	0.000	93	74972	20.0	18.1	
118 1,2,4-Trimethylbenzene	105	10.558	10.558	0.000	97	217583	20.0	18.3	
120 sec-Butylbenzene	105	10.723	10.730	-0.007	99	240908	20.0	18.3	
121 1,3-Dichlorobenzene	146	10.995	10.995	0.000	95	123820	20.0	18.8	
122 4-Isopropyltoluene	119	11.002	11.002	0.000	98	215758	20.0	18.8	
* 123 1,4-Dichlorobenzene-d4	152	11.124	11.131	-0.007	95	262138	50.0	50.0	
124 1,4-Dichlorobenzene	146	11.152	11.152	0.000	95	126675	20.0	18.7	
125 1,2,3-Trimethylbenzene	105	11.245	11.246	-0.001	99	232087	20.0	18.4	
165 2,3-Dihydroindene	117	11.410	11.410	0.000	0	224082	20.0	18.8	
127 Benzyl chloride	126	11.546	11.546	0.000	97	27800	20.0	18.4	
167 p-Diethylbenzene	119	11.561	11.561	0.000	93	131239	20.0	19.2	
129 n-Butylbenzene	91	11.632	11.632	0.000	98	189944	20.0	19.0	
130 1,2-Dichlorobenzene	146	11.733	11.733	0.000	95	119874	20.0	18.7	
166 1,2,4,5-Tetramethylbenzene	119	12.542	12.542	0.000	97	209512	20.0	19.6	
132 1,2-Dibromo-3-Chloropropane	157	12.685	12.685	0.000	95	13652	20.0	19.2	
133 1,3,5-Trichlorobenzene	180	12.735	12.735	0.000	97	82346	20.0	19.7	
134 1,2,4-Trichlorobenzene	180	13.366	13.366	0.000	94	78312	20.0	20.4	
135 Hexachlorobutadiene	225	13.380	13.380	0.000	96	27374	20.0	20.8	
136 Naphthalene	128	13.645	13.645	0.000	99	214276	20.0	19.8	
137 1,2,3-Trichlorobenzene	180	13.803	13.803	0.000	95	72144	20.0	20.9	
S 138 1,2-Dichloroethene, Total	100				0		40.0	36.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 140 Xylenes, Total	100				0		40.0	36.6	

QC Flag Legend

Processing Flags

Reagents:

ACROLEIN W_00168	Amount Added:	4.00	Units: uL	
GASES Li_00582	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00187	Amount Added:	20.00	Units: uL	
524FREONS_00018	Amount Added:	20.00	Units: uL	
8260ISNEW_00155	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00246	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 07-May-2024 12:37:16 Chrom Revision: 2.3 26-Apr-2024 12:18:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20240507-175557.b\P27270.D

Injection Date: 07-May-2024 09:28:30 Instrument ID: CVOAMS13 Operator ID:

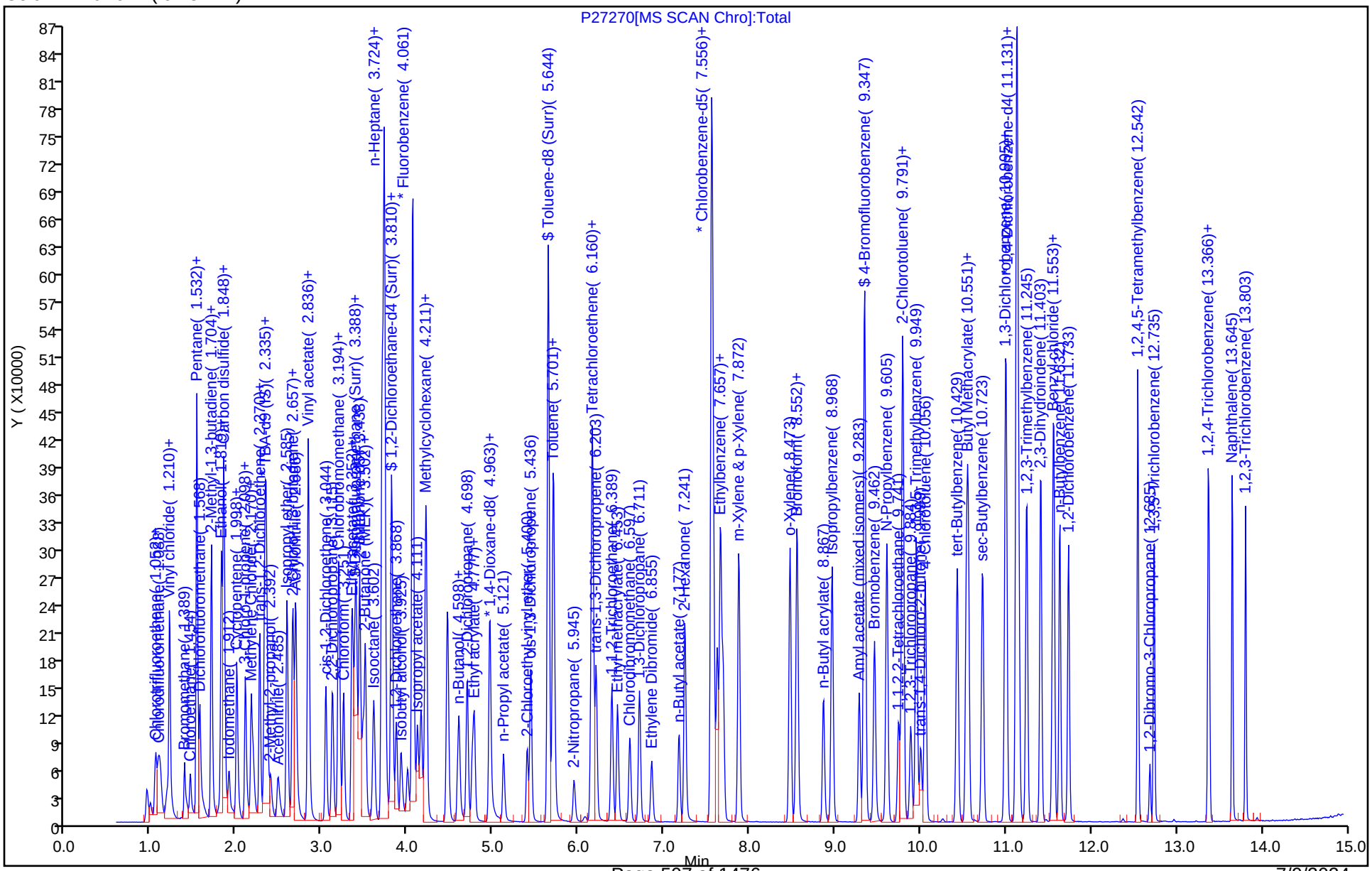
Lims ID: LCSD Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



7/9/2024
8:32:15 AM

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Instrument ID: CVOAMS13 Start Date: 05/03/2024 05:45

Analysis Batch Number: 972799 End Date: 05/03/2024 16:40

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-972799/1		05/03/2024 05:45	1	P27113.D	Rtx-624 0.25(mm)
STD7 460-972799/3 IC		05/03/2024 06:36	1	P27115.D	Rtx-624 0.25(mm)
STD1 460-972799/4 IC		05/03/2024 06:58	1	P27116.D	Rtx-624 0.25(mm)
STD5 460-972799/5 IC		05/03/2024 07:21	1	P27117.D	Rtx-624 0.25(mm)
STD20 460-972799/6 ICIS		05/03/2024 07:43	1	P27118.D	Rtx-624 0.25(mm)
STD50 460-972799/7 IC		05/03/2024 08:05	1	P27119.D	Rtx-624 0.25(mm)
STD200 460-972799/22 IC		05/03/2024 14:26	1	P27134.D	Rtx-624 0.25(mm)
STD500 460-972799/23 IC		05/03/2024 14:48	1	P27135.D	Rtx-624 0.25(mm)
ICV 460-972799/28		05/03/2024 16:40	1	P27140.D	Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Instrument ID: CVOAMS13 Start Date: 05/07/2024 08:43

Analysis Batch Number: 973363 End Date: 05/07/2024 18:51

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-973363/2		05/07/2024 08:43	1	P27268.D	Rtx-624 0.25(mm)
LCS 460-973363/3		05/07/2024 09:06	1	P27269.D	Rtx-624 0.25(mm)
LCSD 460-973363/4		05/07/2024 09:28	1	P27270.D	Rtx-624 0.25(mm)
MB 460-973363/9		05/07/2024 11:21	1	P27275.D	Rtx-624 0.25(mm)
ZZZZZ		05/07/2024 11:43	1		Rtx-624 0.25(mm)
ZZZZZ		05/07/2024 12:05	1		Rtx-624 0.25(mm)
ZZZZZ		05/07/2024 12:28	1		Rtx-624 0.25(mm)
460-303245-6	FB-1_050324	05/07/2024 12:51	1	P27279.D	Rtx-624 0.25(mm)
ZZZZZ		05/07/2024 13:13	1		Rtx-624 0.25(mm)
ZZZZZ		05/07/2024 13:36	1		Rtx-624 0.25(mm)
ZZZZZ		05/07/2024 13:58	1		Rtx-624 0.25(mm)
ZZZZZ		05/07/2024 14:21	1		Rtx-624 0.25(mm)
ZZZZZ		05/07/2024 14:43	1		Rtx-624 0.25(mm)
ZZZZZ		05/07/2024 15:06	1		Rtx-624 0.25(mm)
ZZZZZ		05/07/2024 15:29	1		Rtx-624 0.25(mm)
ZZZZZ		05/07/2024 16:14	1		Rtx-624 0.25(mm)
ZZZZZ		05/07/2024 16:36	1		Rtx-624 0.25(mm)
ZZZZZ		05/07/2024 16:59	1		Rtx-624 0.25(mm)
ZZZZZ		05/07/2024 17:21	1		Rtx-624 0.25(mm)
ZZZZZ		05/07/2024 17:44	1		Rtx-624 0.25(mm)
ZZZZZ		05/07/2024 18:06	1		Rtx-624 0.25(mm)
ZZZZZ		05/07/2024 18:29	2		Rtx-624 0.25(mm)
ZZZZZ		05/07/2024 18:51	5		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Instrument ID: CVOAMS2 Start Date: 04/15/2024 04:48

Analysis Batch Number: 969539 End Date: 04/15/2024 14:25

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-969539/1		04/15/2024 04:48	1	B13377.D	DB-624 0.18(mm)
STD200 460-969539/7 IC		04/15/2024 07:45	1	B13383.D	DB-624 0.18(mm)
STD500 460-969539/8 IC		04/15/2024 08:09	1	B13384.D	DB-624 0.18(mm)
STD1 460-969539/16 IC		04/15/2024 11:57	1	B13392.D	DB-624 0.18(mm)
STD5 460-969539/17 IC		04/15/2024 12:22	1	B13393.D	DB-624 0.18(mm)
STD20 460-969539/18 ICIS		04/15/2024 12:46	1	B13394.D	DB-624 0.18(mm)
STD50 460-969539/19 IC		04/15/2024 13:11	1	B13395.D	DB-624 0.18(mm)
ICV 460-969539/22		04/15/2024 14:25	1	B13398.D	DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Instrument ID: CVOAMS2 Start Date: 05/07/2024 04:20

Analysis Batch Number: 973337 End Date: 05/07/2024 16:04

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-973337/2		05/07/2024 04:20	1	B13888.D	DB-624 0.18(mm)
LCS 460-973337/3		05/07/2024 04:46	1	B13889.D	DB-624 0.18(mm)
LCSD 460-973337/4		05/07/2024 05:11	1	B13890.D	DB-624 0.18(mm)
MB 460-973337/7		05/07/2024 06:38	1	B13893.D	DB-624 0.18(mm)
ZZZZZ		05/07/2024 07:03	1		DB-624 0.18(mm)
ZZZZZ		05/07/2024 07:03	1		DB-624 0.18(mm)
ZZZZZ		05/07/2024 07:28	1		DB-624 0.18(mm)
ZZZZZ		05/07/2024 07:28	1		DB-624 0.18(mm)
LB3 460-973023/1-A		05/07/2024 08:18	1	B13897.D	DB-624 0.18(mm)
460-303245-1	240503_PWD_SOIL4_6.0-6.5	05/07/2024 08:43	1	B13898.D	DB-624 0.18(mm)
460-303245-2	240503_PWD_SOIL5_6.0-6.5	05/07/2024 09:08	1	B13899.D	DB-624 0.18(mm)
460-303245-3	240503_PWD_SOIL6_6.0-6.5	05/07/2024 09:33	1	B13900.D	DB-624 0.18(mm)
460-303245-4	240503_PWD_SOIL7_6.0-6.5	05/07/2024 09:58	1	B13901.D	DB-624 0.18(mm)
460-303245-5	DUP-2_050324	05/07/2024 10:23	1	B13902.D	DB-624 0.18(mm)
ZZZZZ		05/07/2024 11:12	1		DB-624 0.18(mm)
ZZZZZ		05/07/2024 12:00	1		DB-624 0.18(mm)
ZZZZZ		05/07/2024 12:25	1		DB-624 0.18(mm)
ZZZZZ		05/07/2024 12:49	1		DB-624 0.18(mm)
ZZZZZ		05/07/2024 13:38	1		DB-624 0.18(mm)
ZZZZZ		05/07/2024 14:02	1		DB-624 0.18(mm)
ZZZZZ		05/07/2024 14:26	1		DB-624 0.18(mm)
ZZZZZ		05/07/2024 14:51	1		DB-624 0.18(mm)
ZZZZZ		05/07/2024 15:15	1		DB-624 0.18(mm)
ZZZZZ		05/07/2024 15:40	1		DB-624 0.18(mm)
ZZZZZ		05/07/2024 16:04	1		DB-624 0.18(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Batch Number: 969539 Batch Start Date: 04/15/24 04:48 Batch Analyst: Tupayachi, Audberto

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	524FREONS 00018	7 Freons Hi 00013	7 Freons SS 00013	8260 SP 00179
BFB 460-969539/1		8260D			5 mL	5 mL				
STD200 460-969539/7 IC		8260D			5 mL	5 mL		2 uL		
STD500 460-969539/8 IC		8260D			5 mL	5 mL		5 uL		
STD1 460-969539/16 IC		8260D			5 mL	5 mL	1 uL			
STD5 460-969539/17 IC		8260D			5 mL	5 mL	5 uL			
STD20 460-969539/18 ICIS		8260D			5 mL	5 mL	2 uL			
STD50 460-969539/19 IC		8260D			5 mL	5 mL	5 uL			
ICV 460-969539/22		8260D			5 mL	5 mL			2 uL	2 uL

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	8260ISNEW 00171	8260MIX1COMB 00186	8260SURR250 00245	ACROLEIN SP 00164	ACROLEIN W 00167	BFB 00035
BFB 460-969539/1		8260D								1 uL
STD200 460-969539/7 IC		8260D			1 uL		1 uL		5 uL	
STD500 460-969539/8 IC		8260D			1 uL		1 uL		6 uL	
STD1 460-969539/16 IC		8260D			1 uL	1 uL	1 uL		10 uL	
STD5 460-969539/17 IC		8260D			1 uL	5 uL	1 uL		20 uL	
STD20 460-969539/18 ICIS		8260D			1 uL	2 uL	1 uL		3 uL	
STD50 460-969539/19 IC		8260D			1 uL	5 uL	1 uL		4 uL	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Batch Number: 969539 Batch Start Date: 04/15/24 04:48 Batch Analyst: Tupayachi, Audberto

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	8260ISNEW 00171	8260MIX1COMB 00186	8260SURR250 00245	ACROLEIN SP 00164	ACROLEIN W 00167	BFB 00035
ICV 460-969539/22		8260D			1 uL		1 uL	3 uL		

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	Ethanol mix 00088	GAS C SP 00563	GAS Hi 00467	GASES- ALT 00001	MIX 2 Hi 00148	MIX I Hi 00175
BFB 460-969539/1		8260D								
STD200 460-969539/7 IC		8260D			2 uL		2 uL		2 uL	2 uL
STD500 460-969539/8 IC		8260D			5 uL		5 uL		5 uL	5 uL
STD1 460-969539/16 IC		8260D						1 uL		
STD5 460-969539/17 IC		8260D						5 uL		
STD20 460-969539/18 ICIS		8260D						2 uL		
STD50 460-969539/19 IC		8260D						5 uL		
ICV 460-969539/22		8260D				2 uL				

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Batch Number: 972799 Batch Start Date: 05/03/24 05:45 Batch Analyst: Starzec, Margaret

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	14DIOXINTER 00168	524FREONS 00018	7 Freons Hi 00014	7 Freons SS 00013
BFB 460-972799/1		8260D			5 mL	5 mL				
STD7 460-972799/3 IC		8260D			5 mL	5 mL				
STD1 460-972799/4 IC		8260D			5 mL	5 mL	30 uL	10 uL		
STD5 460-972799/5 IC		8260D			5 mL	5 mL		10 uL		
STD20 460-972799/6 ICIS		8260D			5 mL	5 mL		20 uL		
STD50 460-972799/7 IC		8260D			5 mL	5 mL		50 uL		
STD200 460-972799/22 IC		8260D			5 mL	5 mL			20 uL	
STD500 460-972799/23 IC		8260D			5 mL	5 mL			50 uL	
ICV 460-972799/28		8260D			5 mL	5 mL				20 uL

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	8260 SP 00179	8260ISNEW 00155	8260MIX1COMB 00187	8260SURR250 00246	ACROLEIN SP 00164	ACROLEIN W 00168
BFB 460-972799/1		8260D								
STD7 460-972799/3 IC		8260D				1 uL		1 uL		
STD1 460-972799/4 IC		8260D				1 uL	10 uL	1 uL		4 uL
STD5 460-972799/5 IC		8260D				1 uL	10 uL	1 uL		4 uL
STD20 460-972799/6 ICIS		8260D				1 uL	20 uL	1 uL		4 uL
STD50 460-972799/7 IC		8260D				1 uL	50 uL	1 uL		10 uL
STD200 460-972799/22 IC		8260D				1 uL		1 uL		20 uL

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Batch Number: 972799 Batch Start Date: 05/03/24 05:45 Batch Analyst: Starzec, Margaret

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	8260 SP 00179	8260ISNEW 00155	8260MIX1COMB 00187	8260SURR250 00246	ACROLEIN SP 00164	ACROLEIN W 00168
STD500 460-972799/23 IC		8260D				1 uL		1 uL		40 uL
ICV 460-972799/28		8260D			20 uL	1 uL		1 uL	4 uL	

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	ACRY/EPIH MIX 00124	BFB 00035	Ethanol mix 00089	GAS C SP 00565	GAS Hi 00468	GASES Li 00581
BFB 460-972799/1		8260D				1 uL				
STD7 460-972799/3 IC		8260D			20 uL					2.5 uL
STD1 460-972799/4 IC		8260D								10 uL
STD5 460-972799/5 IC		8260D								10 uL
STD20 460-972799/6 ICIS		8260D								20 uL
STD50 460-972799/7 IC		8260D								50 uL
STD200 460-972799/22 IC		8260D					20 uL		20 uL	
STD500 460-972799/23 IC		8260D					50 uL		50 uL	
ICV 460-972799/28		8260D						20 uL		

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MIX 2 Hi 00149	MIX I Hi 00176	VMTBA500 00049			
BFB 460-972799/1		8260D								
STD7 460-972799/3 IC		8260D					2 uL			
STD1 460-972799/4 IC		8260D								
STD5 460-972799/5 IC		8260D								

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Batch Number: 972799 Batch Start Date: 05/03/24 05:45 Batch Analyst: Starzec, Margaret

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MIX 2 Hi 00149	MIX I Hi 00176	VMTBA500 00049			
STD20 460-972799/6 ICIS		8260D								
STD50 460-972799/7 IC		8260D								
STD200 460-972799/22 IC		8260D			20 uL	20 uL				
STD500 460-972799/23 IC		8260D			50 uL	50 uL				
ICV 460-972799/28		8260D								

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Batch Number: 973023 Batch Start Date: 05/04/24 10:52 Batch Analyst: Tupayachi, Audberto

Batch Method: 5035 Batch End Date: 05/04/24 11:30

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount				
LB3 460-973023/1		5035, 8260D			5 g	5 mL				
460-303245-B-1	240503_PWD_SOIL 4 6.0-6.5	5035, 8260D	Solid	T	7.02 g	5 mL				
460-303245-B-2	240503_PWD_SOIL 5 6.0-6.5	5035, 8260D	Solid	T	6.65 g	5 mL				
460-303245-B-3	240503_PWD_SOIL 6 6.0-6.5	5035, 8260D	Solid	T	6.16 g	5 mL				
460-303245-B-4	240503_PWD_SOIL 7 6.0-6.5	5035, 8260D	Solid	T	6.04 g	5 mL				
460-303245-B-5	DUP-2_050324	5035, 8260D	Solid	T	6.58 g	5 mL				

Batch Notes	
Balance ID	38
Balance is Level? (Y/N)	yes
Blank Matrix ID	170485
Pipette/Syringe/Dispenser ID	7
Vial Lot Number	0101601j

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Batch Number: 973337 Batch Start Date: 05/07/24 04:20 Batch Analyst: Tupayachi, Audberto

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	524FREONS 00018	8260ISNEW 00171	8260MIX1COMB 00186	8260SURR250 00246
CCVIS 460-973337/2		8260D			5 mL	5 mL	2 uL	1 uL	2 uL	1 uL
LCS 460-973337/3		8260D			5 mL	5 mL	2 uL	1 uL	2 uL	1 uL
LCSD 460-973337/4		8260D			5 mL	5 mL	2 uL	1 uL	2 uL	1 uL
MB 460-973337/7		8260D			5 mL	5 mL		1 uL		1 uL
LB3 460-973023/1-A		8260D			5 mL	5 mL		1 uL		1 uL
460-303245-B-1-A	240503_PWD_SOIL 4 6.0-6.5	8260D	Solid	T	5 mL	5 mL		1 uL		1 uL
460-303245-B-2-A	240503_PWD_SOIL 5 6.0-6.5	8260D	Solid	T	5 mL	5 mL		1 uL		1 uL
460-303245-B-3-A	240503_PWD_SOIL 6 6.0-6.5	8260D	Solid	T	5 mL	5 mL		1 uL		1 uL
460-303245-B-4-A	240503_PWD_SOIL 7 6.0-6.5	8260D	Solid	T	5 mL	5 mL		1 uL		1 uL
460-303245-B-5-A	DUP-2_050324	8260D	Solid	T	5 mL	5 mL		1 uL		1 uL

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	ACROLEIN W 00168	GASES Li 00582				
CCVIS 460-973337/2		8260D			3 uL	2 uL				
LCS 460-973337/3		8260D			3 uL	2 uL				
LCSD 460-973337/4		8260D			3 uL	2 uL				
MB 460-973337/7		8260D								
LB3 460-973023/1-A		8260D								
460-303245-B-1-A	240503_PWD_SOIL 4 6.0-6.5	8260D	Solid	T						
460-303245-B-2-A	240503_PWD_SOIL 5 6.0-6.5	8260D	Solid	T						
460-303245-B-3-A	240503_PWD_SOIL 6 6.0-6.5	8260D	Solid	T						
460-303245-B-4-A	240503_PWD_SOIL 7 6.0-6.5	8260D	Solid	T						
460-303245-B-5-A	DUP-2_050324	8260D	Solid	T						

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Batch Number: 973337 Batch Start Date: 05/07/24 04:20 Batch Analyst: Tupayachi, Audberto

Batch Method: 8260D Batch End Date:

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Batch Number: 973363 Batch Start Date: 05/07/24 08:43 Batch Analyst: Starzec, Margaret

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	Initial pH	524FREONS 00018	8260ISNEW 00155	8260MIX1COMB 00187
CCVIS 460-973363/2		8260D			5 mL	5 mL		20 uL	1 uL	20 uL
LCS 460-973363/3		8260D			5 mL	5 mL		20 uL	1 uL	20 uL
LCSD 460-973363/4		8260D			5 mL	5 mL		20 uL	1 uL	20 uL
MB 460-973363/9		8260D			5 mL	5 mL			1 uL	
460-303245-C-6	FB-1_050324	8260D	Water	T	5 mL	5 mL	<2 PH Units		1 uL	

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	8260SURR250 00246	ACROLEIN W 00168	GASES Li 00582			
CCVIS 460-973363/2		8260D			1 uL	4 uL	20 uL			
LCS 460-973363/3		8260D			1 uL	4 uL	20 uL			
LCSD 460-973363/4		8260D			1 uL	4 uL	20 uL			
MB 460-973363/9		8260D			1 uL					
460-303245-C-6	FB-1_050324	8260D	Water	T	1 uL					

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8270E

Semivolatile Organic Compounds (GC/MS)

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): Rtxi-5Sil M ID: 0.25(mm)

Client Sample ID	Lab Sample ID	NBZ #	FBP #	TPHL #
240503_PWD_SOIL4_6.0-6.5	460-303245-1	100	98	110
240503_PWD_SOIL5_6.0-6.5	460-303245-2	92	90	103
240503_PWD_SOIL6_6.0-6.5	460-303245-3	93	92	104
240503_PWD_SOIL7_6.0-6.5	460-303245-4	99	99	109
DUP-2_050324	460-303245-5	97	95	108
	MB 460-973724/1-A	102	99	105
	LCS 460-973724/2-A	98	95	92
	LCSD 460-973724/3-A	103	102	101
	460-303369-E-10-E MS	64	63	73
	460-303369-E-10-F MSD	59	55	64

	QC LIMITS
NBZ = Nitrobenzene-d5 (Surr)	38-120
FBP = 2-Fluorobiphenyl	48-120
TPHL = Terphenyl-d14 (Surr)	25-126

Column to be used to flag recovery values

FORM II 8270E

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): Rtxi-5Sil M ID: 0.25(mm)

Client Sample ID	Lab Sample ID	NBZ #	FBP #	TPHL #
FB-1_050324	460-303245-6	96	97	103
	MB 460-973025/1-A	94	95	68
	LCS 460-973025/2-A	73	70	64
	LCSD 460-973025/3-A	72	71	62
	460-303181-G-5-A MS	94	90	72
	460-303181-F-5-C MSD	98	95	78

	QC LIMITS
NBZ = Nitrobenzene-d5 (Surr)	51-145
FBP = 2-Fluorobiphenyl	46-139
TPHL = Terphenyl-d14 (Surr)	13-150

Column to be used to flag recovery values

FORM II 8270E

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P84989.D

Lab ID: LCS 460-973025/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Anthracene	80.0	68.4	86	65-120	
Benzo[a]anthracene	80.0	71.1	89	67-132	
Benzo[a]pyrene	80.0	77.2	96	60-126	
Benzo[b]fluoranthene	80.0	75.4	94	66-136	
Benzo[g,h,i]perylene	80.0	73.0	91	59-150	
Chrysene	80.0	68.0	85	63-127	
Fluorene	80.0	62.8	78	63-133	
Phenanthrene	80.0	68.4	85	65-120	
Pyrene	80.0	67.2	84	56-144	

Column to be used to flag recovery and RPD values

FORM III 8270E

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: Z85751.d

Lab ID: LCS 460-973724/2-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
Anthracene	3.33	3.31	99	67-120	
Benzo[a]anthracene	3.33	3.24	97	69-120	
Benzo[a]pyrene	3.33	3.45	104	66-123	
Benzo[b]fluoranthene	3.33	3.42	103	70-125	
Benzo[g,h,i]perylene	3.33	3.52	106	66-120	
Chrysene	3.33	3.23	97	63-120	
Fluorene	3.33	3.32	100	70-120	
Phenanthrene	3.33	3.30	99	66-120	
Pyrene	3.33	3.25	97	67-121	

Column to be used to flag recovery and RPD values

FORM III 8270E

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P84990.D

Lab ID: LCSD 460-973025/3-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Anthracene	80.0	68.4	86	0	30	65-120	
Benzo[a]anthracene	80.0	71.0	89	0	30	67-132	
Benzo[a]pyrene	80.0	76.8	96	1	30	60-126	
Benzo[b]fluoranthene	80.0	72.3	90	4	30	66-136	
Benzo[g,h,i]perylene	80.0	72.0	90	1	30	59-150	
Chrysene	80.0	69.1	86	2	30	63-127	
Fluorene	80.0	63.1	79	0	30	63-133	
Phenanthrene	80.0	67.8	85	1	30	65-120	
Pyrene	80.0	64.3	80	4	30	56-144	

Column to be used to flag recovery and RPD values

FORM III 8270E

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: Z85752.d

Lab ID: LCSD 460-973724/3-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCSD CONCENTRATION (mg/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Anthracene	3.33	3.46	104	4	30	67-120	
Benzo[a]anthracene	3.33	3.41	102	5	30	69-120	
Benzo[a]pyrene	3.33	3.62	109	5	30	66-123	
Benzo[b]fluoranthene	3.33	3.57	107	4	30	70-125	
Benzo[g,h,i]perylene	3.33	3.74	112	6	30	66-120	
Chrysene	3.33	3.41	102	6	30	63-120	
Fluorene	3.33	3.45	103	4	30	70-120	
Phenanthrene	3.33	3.47	104	5	30	66-120	
Pyrene	3.33	3.50	105	8	30	67-121	

Column to be used to flag recovery and RPD values

FORM III 8270E

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P85004.D

Lab ID: 460-303181-G-5-A MS Client ID:

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Anthracene	40.0	4.7 J	46.8	105	65-120	
Benzo[a]anthracene	40.0	0.59 U	42.7	107	67-132	
Benzo[a]pyrene	40.0	0.41 U	46.2	115	60-126	
Benzo[b]fluoranthene	40.0	0.68 U	45.3	113	66-136	
Benzo[g,h,i]perylene	40.0	0.70 U	44.3	111	59-150	
Chrysene	40.0	0.91 U	42.4	106	63-127	
Fluorene	40.0	21	64.8	109	63-133	
Phenanthrene	40.0	21	64.3	109	65-120	
Pyrene	40.0	4.1 J	44.0	100	56-144	

Column to be used to flag recovery and RPD values

FORM III 8270E

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: Z85779.d

Lab ID: 460-303369-E-10-E MS Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	SAMPLE CONCENTRATION (mg/Kg)	MS CONCENTRATION (mg/Kg)	MS % REC	QC LIMITS REC	#
Anthracene	3.70	0.11 J	3.05	79	67-120	
Benzo[a]anthracene	3.70	0.69	4.77	110	69-120	
Benzo[a]pyrene	3.70	0.71	4.80	110	66-123	
Benzo[b]fluoranthene	3.70	0.88	5.54	126	70-125	F1
Benzo[g,h,i]perylene	3.70	0.43 J	3.04	70	66-120	
Chrysene	3.70	0.61 J	4.53	106	63-120	
Fluorene	3.70	0.054 U	2.41	65	70-120	F1
Phenanthrene	3.70	0.48 J	5.66	140	66-120	F1
Pyrene	3.70	1.2 J	7.91	180	67-121	F1

Column to be used to flag recovery and RPD values

FORM III 8270E

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P85005.D

Lab ID: 460-303181-F-5-C MSD Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Anthracene	40.0	54.6	125	15	30	65-120	F1
Benzo[a]anthracene	40.0	49.3	123	14	30	67-132	
Benzo[a]pyrene	40.0	53.6	134	15	30	60-126	F1
Benzo[b]fluoranthene	40.0	50.8	127	11	30	66-136	
Benzo[g,h,i]perylene	40.0	50.9	127	14	30	59-150	
Chrysene	40.0	48.3	121	13	30	63-127	
Fluorene	40.0	72.3	128	11	30	63-133	
Phenanthrene	40.0	71.1	126	10	30	65-120	F1
Pyrene	40.0	50.6	116	14	30	56-144	

Column to be used to flag recovery and RPD values

FORM III 8270E

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: Z85780.d

Lab ID: 460-303369-E-10-F MSD Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	MSD CONCENTRATION (mg/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Anthracene	3.70	2.23	57	31	30	67-120	F1 F2
Benzo[a]anthracene	3.70	2.77	56	53	30	69-120	F1 F2
Benzo[a]pyrene	3.70	2.81	57	52	30	66-123	F1 F2
Benzo[b]fluoranthene	3.70	2.99	57	60	30	70-125	F1 F2
Benzo[g,h,i]perylene	3.70	2.04	43	40	30	66-120	F1 F2
Chrysene	3.70	2.59	53	54	30	63-120	F1 F2
Fluorene	3.70	2.15	58	12	30	70-120	F1
Phenanthrene	3.70	2.81	63	67	30	66-120	F1 F2
Pyrene	3.70	3.76	68	71	30	67-121	F2

Column to be used to flag recovery and RPD values

FORM III 8270E

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Lab File ID: P84988.D Lab Sample ID: MB 460-973025/1-A

Matrix: Water Date Extracted: 05/04/2024 11:38

Instrument ID: CBNAMS18 Date Analyzed: 05/04/2024 15:00

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-973025/2-A	P84989.D	05/04/2024 15:45
	LCSD 460-973025/3-A	P84990.D	05/04/2024 16:06
	460-303181-G-5-A MS	P85004.D	05/04/2024 21:02
	460-303181-F-5-C MSD	P85005.D	05/04/2024 21:23
FB-1_050324	460-303245-6	P85012.D	05/04/2024 23:51

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Lab File ID: Z85750.d Lab Sample ID: MB 460-973724/1-A

Matrix: Solid Date Extracted: 05/08/2024 18:21

Instrument ID: CBNAMS11 Date Analyzed: 05/09/2024 06:41

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-973724/2-A	Z85751.d	05/09/2024 07:03
	LCSD 460-973724/3-A	Z85752.d	05/09/2024 07:26
240503_PWD_SOIL5_6.0-6.5	460-303245-2	Z85753.d	05/09/2024 07:48
240503_PWD_SOIL6_6.0-6.5	460-303245-3	Z85754.d	05/09/2024 08:10
DUP-2_050324	460-303245-5	Z85755.d	05/09/2024 08:33
240503_PWD_SOIL4_6.0-6.5	460-303245-1	Z85758.d	05/09/2024 09:40
240503_PWD_SOIL7_6.0-6.5	460-303245-4	Z85762.d	05/09/2024 11:10
	460-303369-E-10-E MS	Z85779.d	05/09/2024 17:30
	460-303369-E-10-F MSD	Z85780.d	05/09/2024 17:52

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Lab File ID: Z85449.d DFTPP Injection Date: 04/26/2024

Instrument ID: CBNAMS11 DFTPP Injection Time: 06:04

Analysis Batch No.: 971611

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2% of m/z 69	0.7 (1.8) 1
69	Present	36.8
70	Less than 2% of m/z 69	0.2 (0.5) 1
197	Less than 2% of m/z 198	0.0
198	Base Peak	100.0
199	5-9% of m/z 198	6.8
365	Greater than 1% of Base Peak	4.2
441	Less than 150% of m/z 443	29.2 (82.0) 3
442	Present	184.1
443	15-24% of m/z 442	35.7 (19.4) 2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 460-971611/2	Z85450.d	04/26/2024	6:16
	STD120 460-971611/3	Z85451.d	04/26/2024	6:39
	STD80 460-971611/4	Z85452.d	04/26/2024	7:01
	STD20 460-971611/5	Z85453.d	04/26/2024	7:23
	STD10 460-971611/6	Z85454.d	04/26/2024	7:46
	STD5 460-971611/7	Z85455.d	04/26/2024	8:08
	STD2 460-971611/8	Z85456.d	04/26/2024	8:31
	STD1 460-971611/9	Z85457.d	04/26/2024	8:53
	STD05 460-971611/10	Z85458.d	04/26/2024	9:15
	ICV 460-971611/11	Z85459.d	04/26/2024	9:37

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Lab File ID: P84775.D DFTPP Injection Date: 04/17/2024

Instrument ID: CBNAMS18 DFTPP Injection Time: 11:39

Analysis Batch No.: 969996

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2% of m/z 69	0.7 (1.8) 1
69	Present	40.9
70	Less than 2% of m/z 69	0.3 (0.8) 1
197	Less than 2% of m/z 198	1.1
198	Base Peak	100.0
199	5-9% of m/z 198	6.3
365	Greater than 1% of Base Peak	4.5
441	Less than 150% of m/z 443	24.4 (87.2) 3
442	Present	143.6
443	15-24% of m/z 442	28.0 (19.5) 2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD24 460-969996/3	P84778.D	04/17/2024	12:39
	STD16 460-969996/4	P84780.D	04/17/2024	13:21
	STD4 460-969996/5	P84782.D	04/17/2024	14:04
	STD2 460-969996/6	P84784.D	04/17/2024	14:46
	STD1 460-969996/7	P84786.D	04/17/2024	15:28
	STD04 460-969996/8	P84788.D	04/17/2024	16:11
	STD02 460-969996/9	P84790.D	04/17/2024	16:53
	STD01 460-969996/10	P84792.D	04/17/2024	17:35
	ICIS 460-969996/11	P84794.D	04/17/2024	18:18
	ICV 460-969996/13	P84798.D	04/17/2024	19:42

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Sample No.: ICIS 460-971611/2 Date Analyzed: 04/26/2024 06:16

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): Z85450.d Heated Purge: (Y/N) N

Calibration ID: 96937

		DCBd4		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		270846	3.84	1043206	5.10	584802	6.80
UPPER LIMIT		541692	4.34	2086412	5.60	1169604	7.30
LOWER LIMIT		135423	3.34	521603	4.60	292401	6.30
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-971611/11		271427	3.84	1039311	5.10	581687	6.80

DCBd4 = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Sample No.: ICIS 460-971611/2 Date Analyzed: 04/26/2024 06:16

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): Z85450.d Heated Purge: (Y/N) N

Calibration ID: 96937

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		1107032	8.22	954566	10.81	1093360	12.57
UPPER LIMIT		2214064	8.72	1909132	11.31	2186720	13.07
LOWER LIMIT		553516	7.72	477283	10.31	546680	12.07
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-971611/11		1120215	8.22	948228	10.81	1096970	12.57

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Sample No.: CCVIS 460-973784/2 Date Analyzed: 05/09/2024 05:56

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): Z85748.d Heated Purge: (Y/N) N

Calibration ID: 96937

		DCBd4		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		277544	3.78	1077861	5.04	612305	6.73
UPPER LIMIT		555088	4.28	2155722	5.54	1224610	7.23
LOWER LIMIT		138772	3.28	538931	4.54	306153	6.23
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-973724/1-A		251165	3.77	982015	5.03	547496	6.73
LCS 460-973724/2-A		230014	3.78	919854	5.03	507380	6.73
LCSD 460-973724/3-A		268140	3.78	1017437	5.03	545856	6.73
460-303245-2	240503_PWD_SOIL5_6.0-6.5	258160	3.77	1004329	5.03	560685	6.73
460-303245-3	240503_PWD_SOIL6_6.0-6.5	270908	3.77	1058609	5.03	592500	6.73
460-303245-5	DUP-2_050324	278045	3.77	1070631	5.03	596801	6.73
460-303245-1	240503_PWD_SOIL4_6.0-6.5	249559	3.77	1003305	5.03	564862	6.73
460-303245-4	240503_PWD_SOIL7_6.0-6.5	289454	3.78	1117002	5.03	594888	6.73
460-303369-E-10-E MS		310421	3.78	1244153	5.04	703165	6.73
460-303369-E-10-F MSD		335069	3.78	1335314	5.04	761264	6.73

DCBd4 = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Sample No.: CCVIS 460-973784/2 Date Analyzed: 05/09/2024 05:56

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): Z85748.d Heated Purge: (Y/N) N

Calibration ID: 96937

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1164737	8.15	1028086	10.72	1069427	12.46
UPPER LIMIT		2329474	8.65	2056172	11.22	2138854	12.96
LOWER LIMIT		582369	7.65	514043	10.22	534714	11.96
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-973724/1-A		1027237	8.15	797930	10.71	924747	12.45
LCS 460-973724/2-A		949727	8.15	811223	10.72	933910	12.45
LCSD 460-973724/3-A		1001525	8.15	815590	10.72	947095	12.45
460-303245-2	240503_PWD_SOIL5_6.0-6.5	1053453	8.15	797103	10.71	902650	12.45
460-303245-3	240503_PWD_SOIL6_6.0-6.5	1141019	8.15	822266	10.71	901051	12.45
460-303245-5	DUP-2_050324	1128187	8.15	802080	10.71	851932	12.45
460-303245-1	240503_PWD_SOIL4_6.0-6.5	1072391	8.15	793626	10.71	886683	12.44
460-303245-4	240503_PWD_SOIL7_6.0-6.5	1074675	8.14	772544	10.71	911927	12.45
460-303369-E-10-E MS		1334326	8.15	942121	10.73	825468	12.47
460-303369-E-10-F MSD		1474855	8.15	1039870	10.73	925592	12.47

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Sample No.: ICIS 460-969996/11 Date Analyzed: 04/17/2024 18:18

Instrument ID: CBNAMS18 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): P84794.D Heated Purge: (Y/N) N

Calibration ID: 96708

		DCBd4		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		252141	3.85	1020962	5.08	556298	6.76
UPPER LIMIT		504282	4.35	2041924	5.58	1112596	7.26
LOWER LIMIT		126071	3.35	510481	4.58	278149	6.26
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-969996/13		274137	3.85	1078558	5.08	583672	6.76

DCBd4 = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Sample No.: ICIS 460-969996/11 Date Analyzed: 04/17/2024 18:18

Instrument ID: CBNAMS18 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): P84794.D Heated Purge: (Y/N) N

Calibration ID: 96708

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		978226	8.15	673821	10.68	672195	12.35
UPPER LIMIT		1956452	8.65	1347642	11.18	1344390	12.85
LOWER LIMIT		489113	7.65	336911	10.18	336098	11.85
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-969996/13		1005633	8.15	693263	10.68	680216	12.35

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Sample No.: CCVIS 460-973040/2 Date Analyzed: 05/04/2024 14:09

Instrument ID: CBNAMS18 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): P84986.D Heated Purge: (Y/N) N

Calibration ID: 96708

		DCBd4		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		354919	3.81	1247903	5.05	591552	6.72
UPPER LIMIT		709838	4.31	2495806	5.55	1183104	7.22
LOWER LIMIT		177460	3.31	623952	4.55	295776	6.22
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-973025/1-A		442562	3.82	1656873	5.05	858004	6.72
LCS 460-973025/2-A		379071	3.82	1395995	5.05	696424	6.73
LCSD 460-973025/3-A		325333	3.81	1205808	5.05	604831	6.72
460-303181-G-5-A MS		391630	3.82	1453699	5.05	727110	6.72
460-303181-F-5-C MSD		404614	3.82	1504781	5.05	739792	6.73
460-303245-6	FB-1_050324	430317	3.81	1665686	5.05	876165	6.72

DCBd4 = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Sample No.: CCVIS 460-973040/2 Date Analyzed: 05/04/2024 14:09

Instrument ID: CBNAMS18 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): P84986.D Heated Purge: (Y/N) N

Calibration ID: 96708

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		998536	8.12	791409	10.64	765125	12.29
UPPER LIMIT		1997072	8.62	1582818	11.14	1530250	12.79
LOWER LIMIT		499268	7.62	395705	10.14	382563	11.79
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-973025/1-A		1442497	8.12	949621	10.63	1017970	12.29
LCS 460-973025/2-A		1171341	8.12	858151	10.64	855828	12.29
LCSD 460-973025/3-A		1040496	8.12	806015	10.63	858462	12.29
460-303181-G-5-A MS		1251980	8.12	935619	10.63	961943	12.29
460-303181-F-5-C MSD		1251755	8.12	914017	10.63	973241	12.29
460-303245-6	FB-1_050324	1485828	8.11	910755	10.63	939650	12.29

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-303245-1

SDG No.:

Client Sample ID: 240503_PWD_SOIL4_6.0-6.5 | Lab Sample ID: 460-303245-1

Matrix: Solid | Lab File ID: Z85758.d

Analysis Method: 8270E | Date Collected: 05/03/2024 09:45

Extract. Method: 3546 | Date Extracted: 05/08/2024 18:22

Sample wt/vol: 15.00(g) | Date Analyzed: 05/09/2024 09:40

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 10.5 % Solids: 89.5 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 973784 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-12-7	Anthracene	0.011	U	0.37	0.011
56-55-3	Benzo[a]anthracene	0.028	U	0.037	0.028
50-32-8	Benzo[a]pyrene	0.016	J	0.037	0.0098
205-99-2	Benzo[b]fluoranthene	0.012	J	0.037	0.0096
191-24-2	Benzo[g,h,i]perylene	0.025	J	0.37	0.011
218-01-9	Chrysene	0.016	U	0.37	0.016
86-73-7	Fluorene	0.011	U	0.37	0.011
85-01-8	Phenanthrene	0.015	U	0.37	0.015
129-00-0	Pyrene	0.0092	U	0.37	0.0092

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	98		48-120
4165-60-0	Nitrobenzene-d5 (Surr)	100		38-120
1718-51-0	Terphenyl-d14 (Surr)	110		25-126

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20240509-175638.b\Z85758.d
Lims ID: 460-303245-F-1-A
Client ID: 240503_PWD_SOIL4_6.0-6.5
Sample Type: Client
Inject. Date: 09-May-2024 09:40:30 ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0175638-012
Operator ID: Instrument ID: CBNAMS11

Method: \\chromfs\Edison\ChromData\CBNAMS11\20240509-175638.b\8270_11R_9.m
Limit Group: SV 8270E ICAL
Last Update: 09-May-2024 10:26:21 Calib Date: 26-Apr-2024 09:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS11\20240426-175162.b\Z85458.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1640

First Level Reviewer: QQ8R Date: 09-May-2024 10:24:10

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 14 1,4-Dichlorobenzene-d4	152	3.774	3.778	-0.004	94	249559	40.0	
$ 26 Nitrobenzene-d5	82	4.339	4.342	-0.008	85	445418	50.0	
* 38 Naphthalene-d8	136	5.031	5.037	-0.006	99	1003305	40.0	
$ 51 2-Fluorobiphenyl	172	6.094	6.093	-0.004	98	1027417	49.1	
* 65 Acenaphthene-d10	164	6.726	6.731	-0.005	96	564862	40.0	
* 87 Phenanthrene-d10	188	8.146	8.151	-0.005	98	1072391	40.0	
$ 96 Terphenyl-d14	244	9.684	9.679	-0.004	97	1295307	54.9	
101 Benzo[a]anthracene	228	10.703	10.700	-0.007	95	5980	0.2290	
* 102 Chrysene-d12	240	10.712	10.723	-0.011	99	793626	40.0	
103 Chrysene	228	10.744	10.742	-0.008	97	4308	0.1754	
106 Benzo[b]fluoranthene	252	11.955	11.957	-0.011	95	3835	0.1601	
108 Benzo[a]pyrene	252	12.370	12.369	-0.008	92	4702	0.2094	
* 109 Perylene-d12	264	12.444	12.455	-0.011	98	886683	40.0	
112 Benzo[g,h,i]perylene	276	14.224	14.234	-0.020	97	7999	0.3420	

QC Flag Legend
Processing Flags

Reagents:
SM_ISTD_00197 Amount Added: 20.00 Units: uL Run Reagent

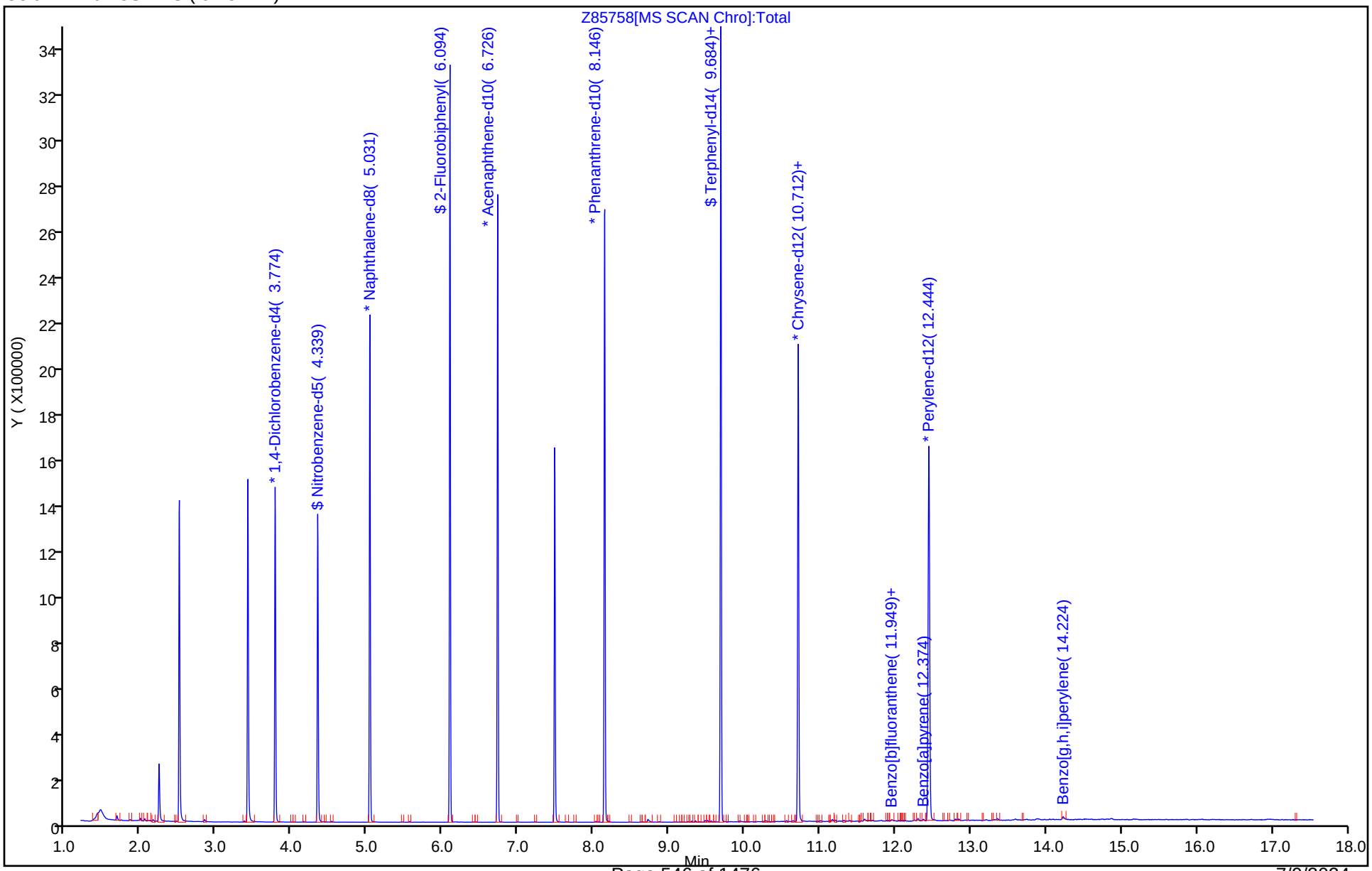
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Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20240509-175638.b\Z85758.d

Injection Date:	09-May-2024 09:40:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	460-303245-F-1-A	Lab Sample ID:	460-303245-1	Worklist Smp#:	12
Client ID:	240503_PWD_SOIL4_6.0-6.5				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	8270_11R_9	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)

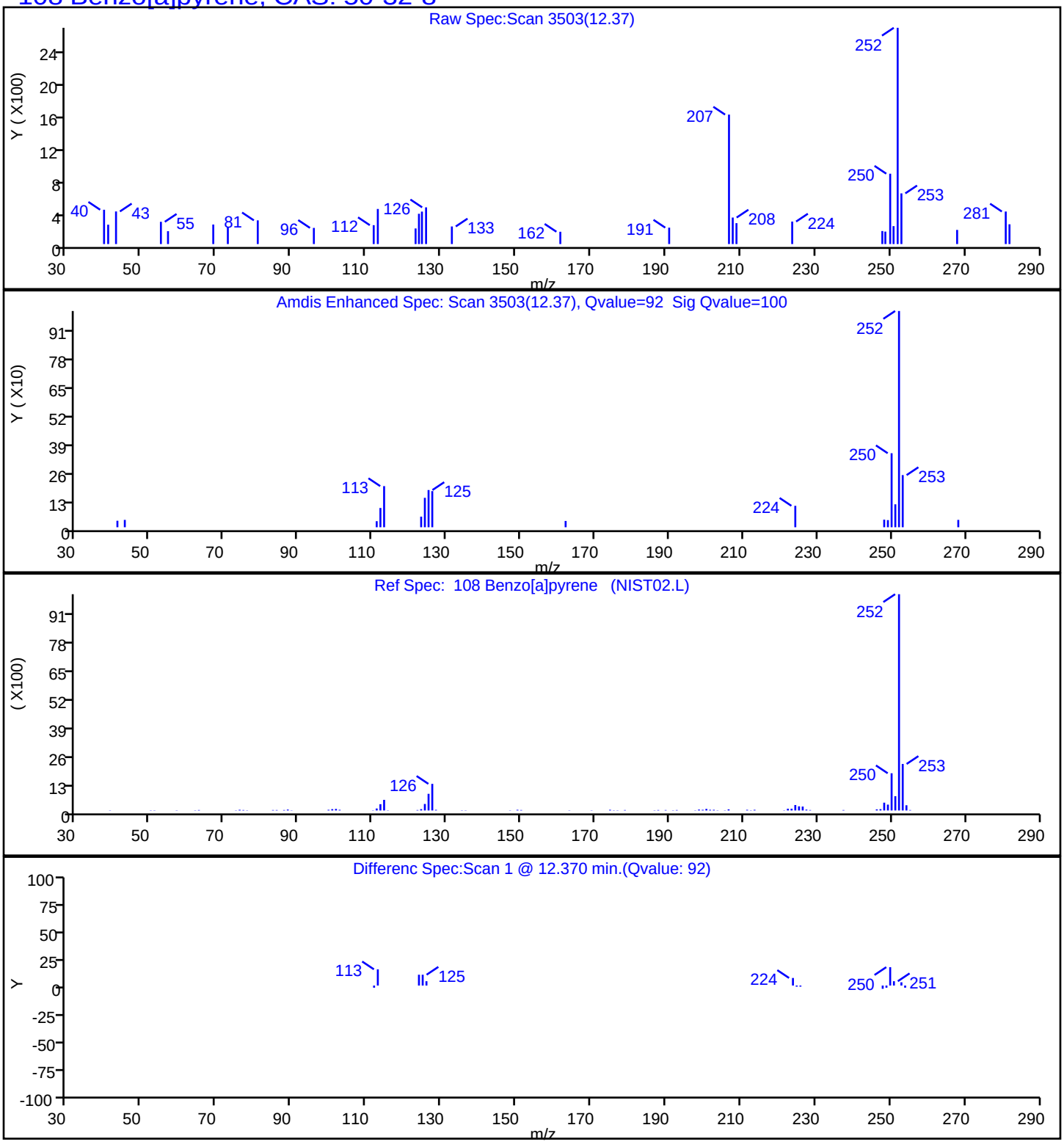


7/9/2024
8:32:15 AM

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20240509-175638.b\Z85758.d
Injection Date: 09-May-2024 09:40:30 Instrument ID: CBNAMS11
Lims ID: 460-303245-F-1-A Lab Sample ID: 460-303245-1
Client ID: 240503_PWD_SOIL4_6.0-6.5
Operator ID: ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_11R_9 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

108 Benzo[a]pyrene, CAS: 50-32-8

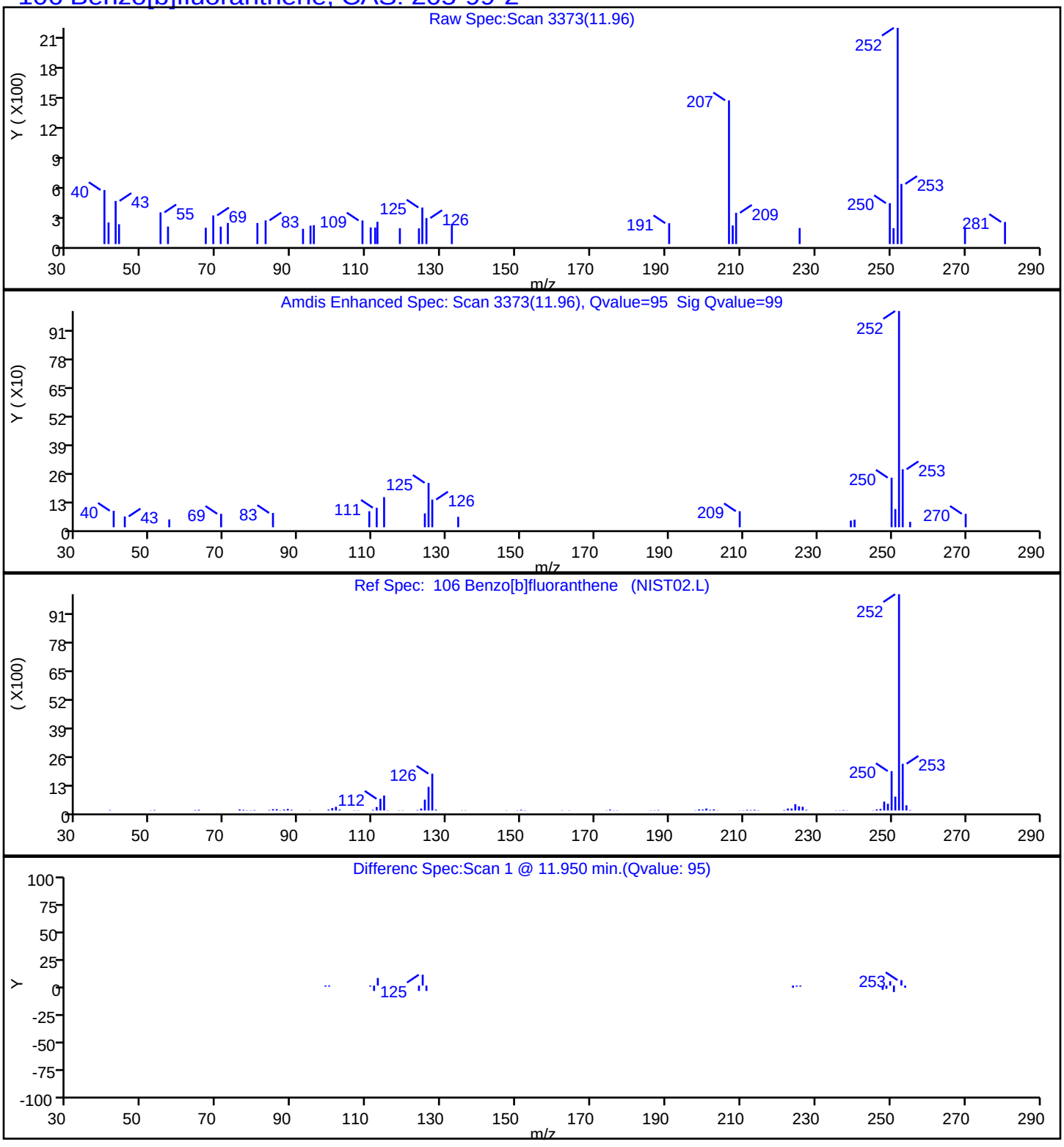


Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20240509-175638.b\Z85758.d

Injection Date:	09-May-2024 09:40:30	Instrument ID:	CBNAMS11		
Lims ID:	460-303245-F-1-A	Lab Sample ID:	460-303245-1		
Client ID:	240503_PWD_SOIL4_6.0-6.5				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

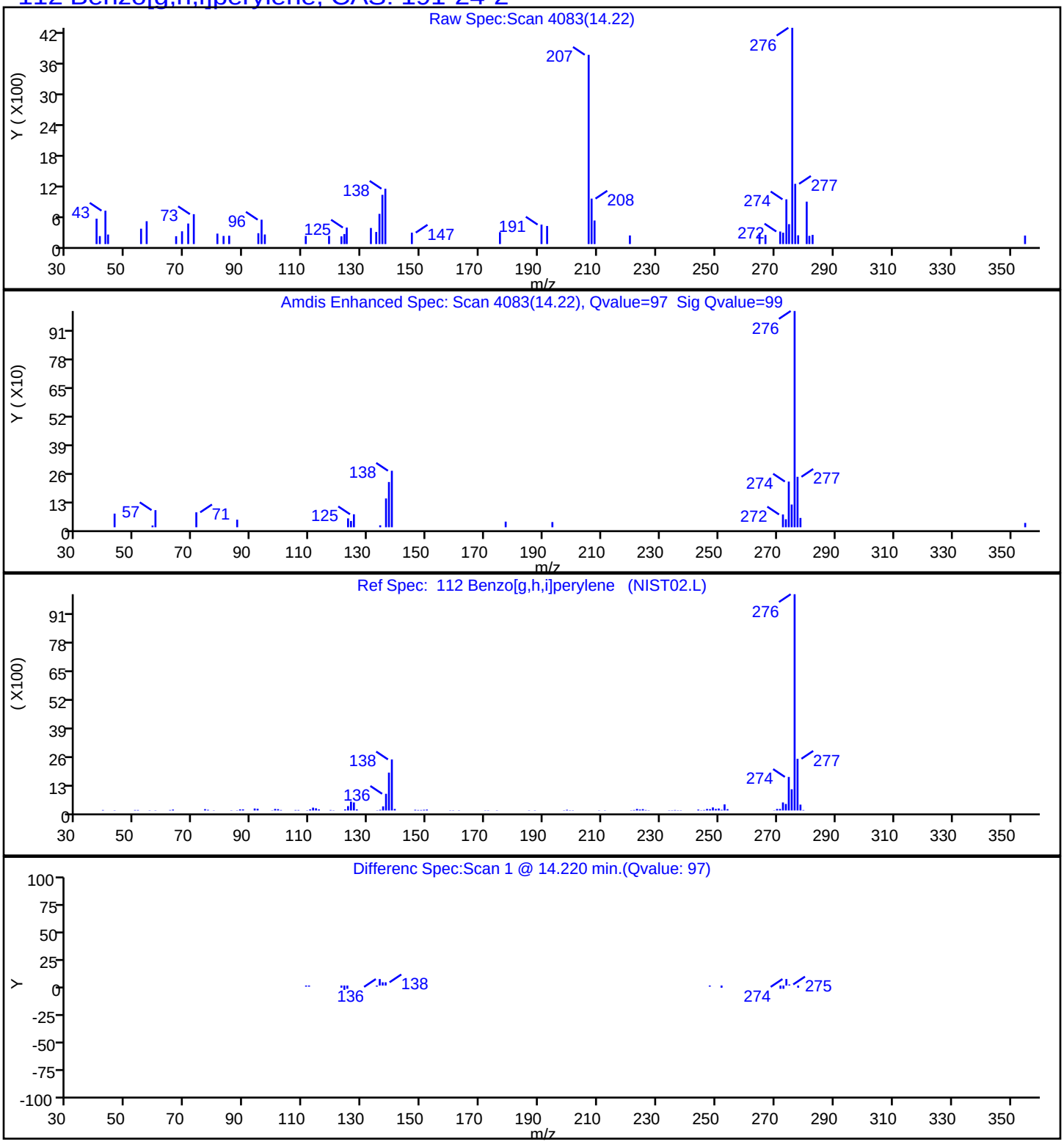
106 Benzo[b]fluoranthene, CAS: 205-99-2



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20240509-175638.b\Z85758.d				
Injection Date:	09-May-2024 09:40:30	Instrument ID:	CBNAMS11		
Lims ID:	460-303245-F-1-A	Lab Sample ID:	460-303245-1		
Client ID:	240503_PWD_SOIL4_6.0-6.5				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

112 Benzo[g,h,i]perylene, CAS: 191-24-2



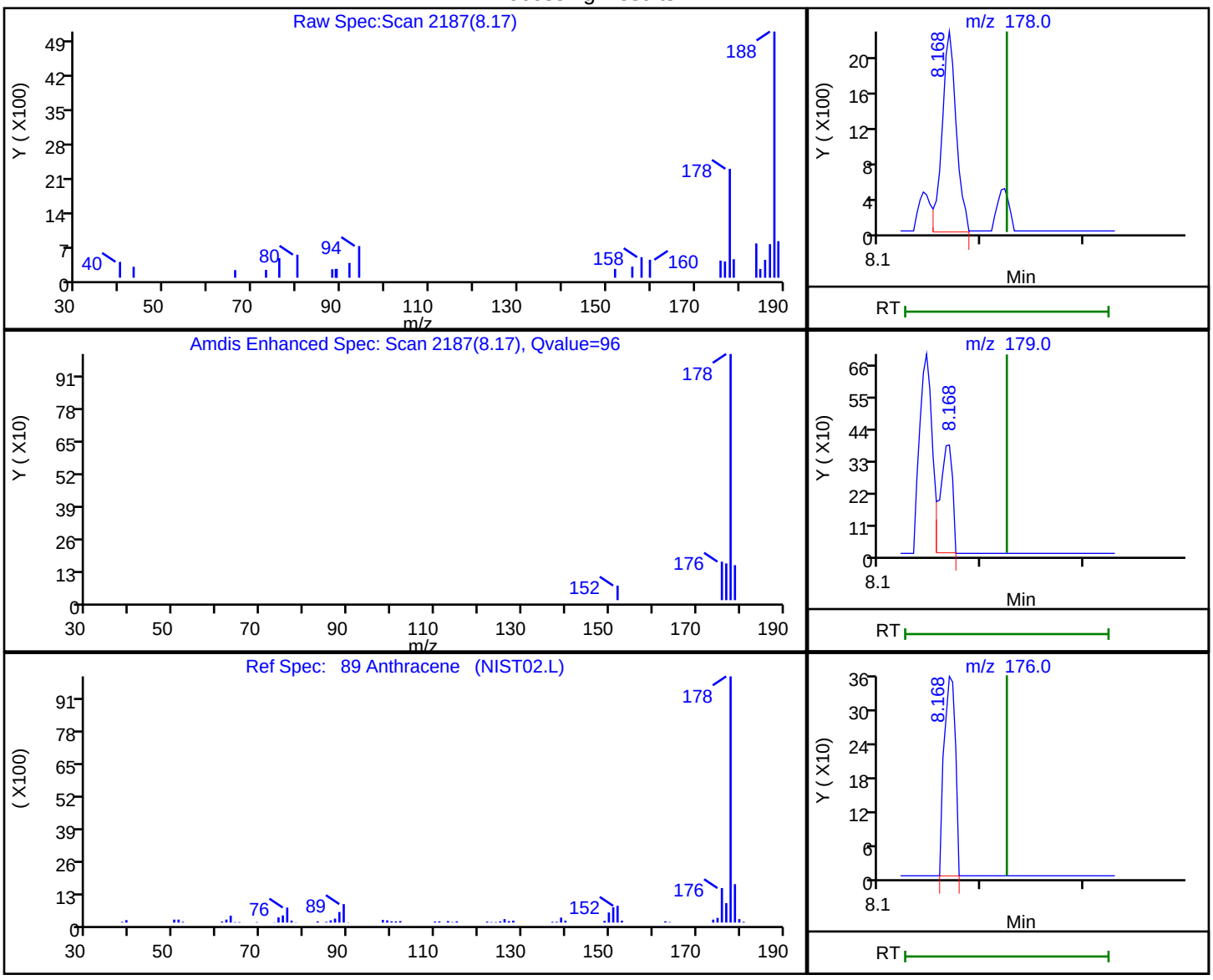
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20240509-175638.b\Z85758.d				
Injection Date:	09-May-2024 09:40:30	Instrument ID:	CBNAMS11		
Lims ID:	460-303245-F-1-A	Lab Sample ID:	460-303245-1		
Client ID:	240503_PWD_SOIL4_6.0-6.5				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

89 Anthracene, CAS: 120-12-7

Processing Results



RT	Mass	Response	Amount
8.17	178.00	2142	0.075927
8.17	179.00	321	
8.17	176.00	270	

Reviewer: G4KC, 09-May-2024 10:05:25 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

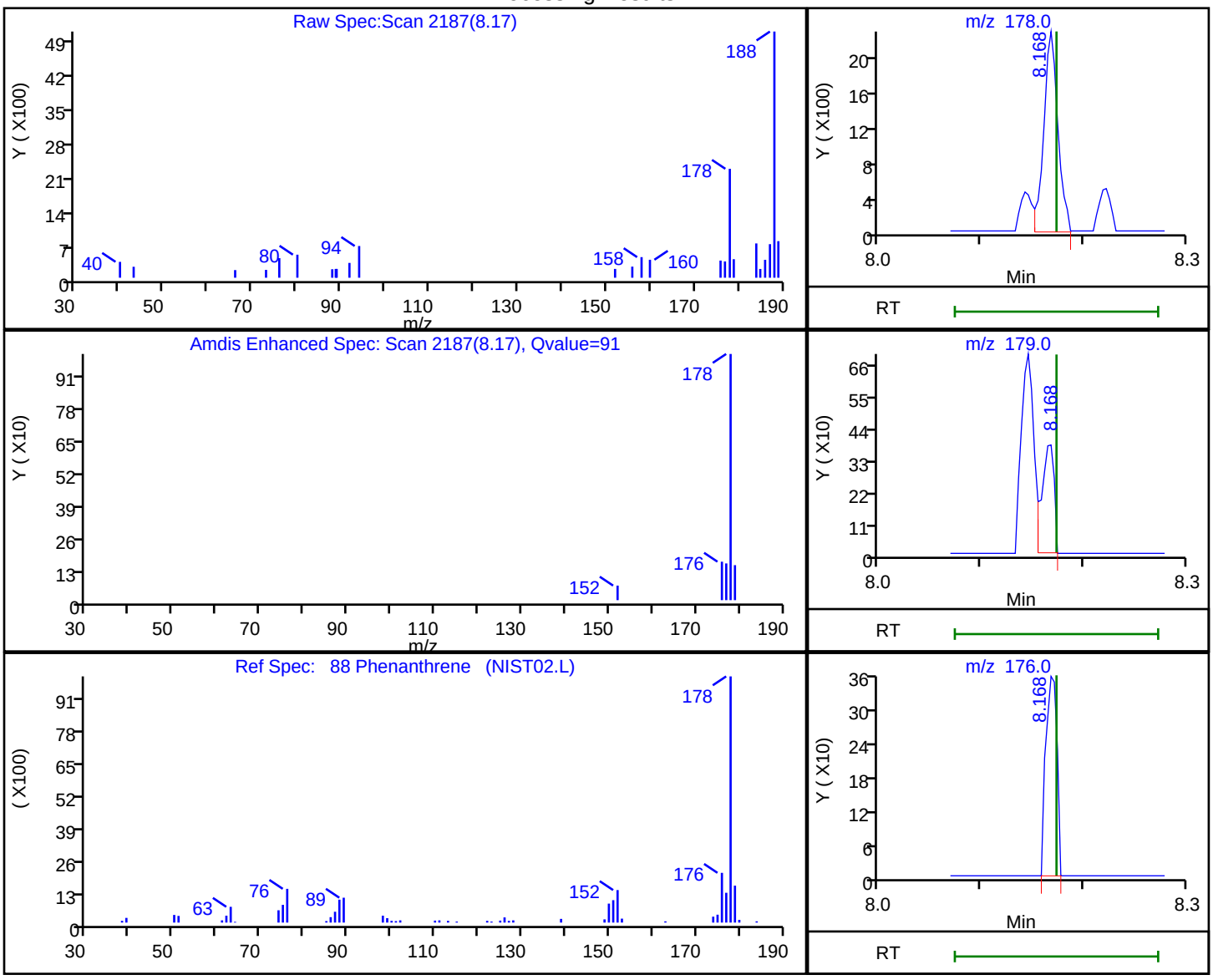
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20240509-175638.b\Z85758.d				
Injection Date:	09-May-2024 09:40:30	Instrument ID:	CBNAMS11		
Lims ID:	460-303245-F-1-A	Lab Sample ID:	460-303245-1		
Client ID:	240503_PWD_SOIL4_6.0-6.5				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

88 Phenanthrene, CAS: 85-01-8

Processing Results



RT	Mass	Response	Amount
8.17	178.00	2142	0.078332
8.17	179.00	321	
8.17	176.00	270	

Reviewer: G4KC, 09-May-2024 10:05:23 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

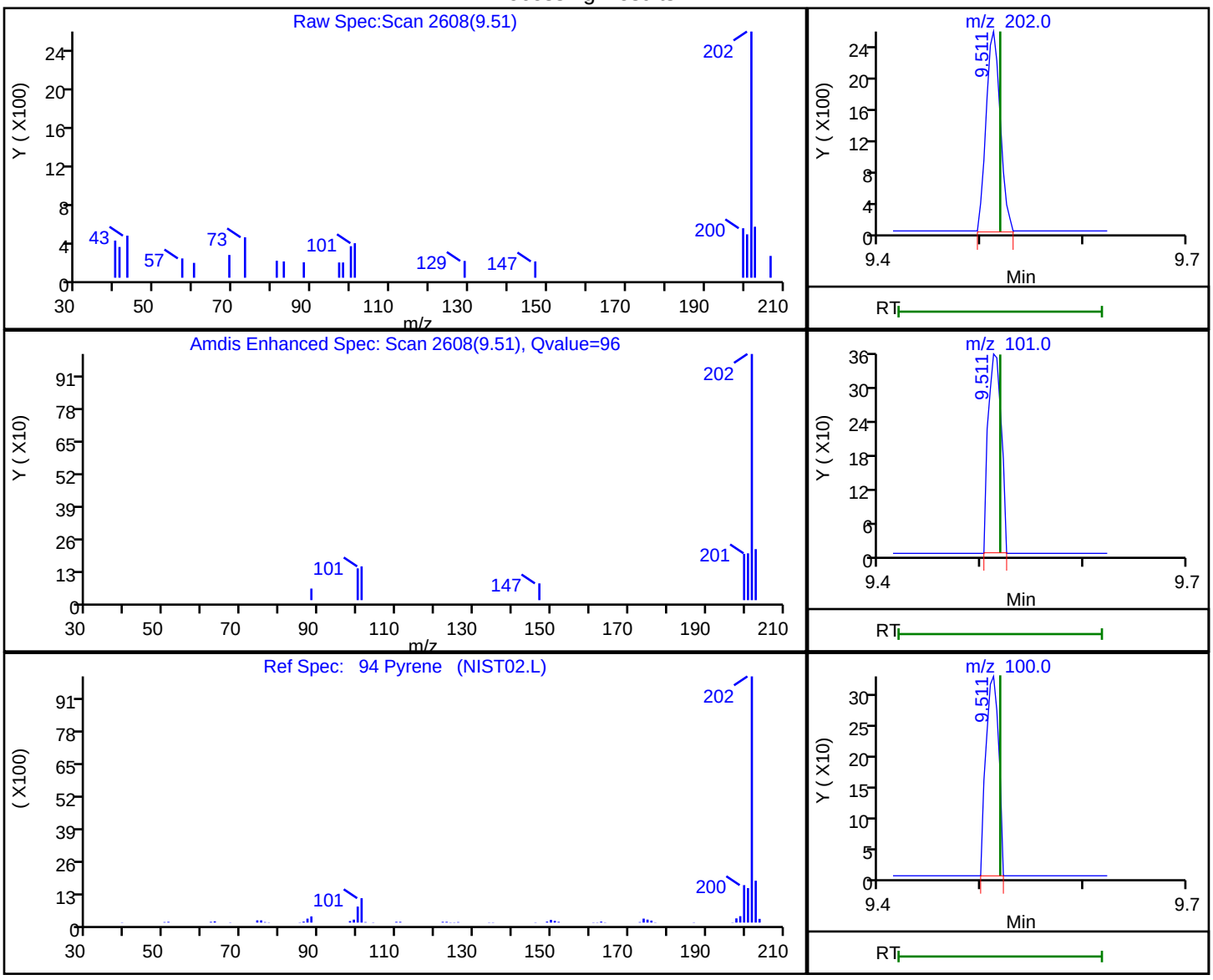
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20240509-175638.b\Z85758.d				
Injection Date:	09-May-2024 09:40:30	Instrument ID:	CBNAMS11		
Lims ID:	460-303245-F-1-A	Lab Sample ID:	460-303245-1		
Client ID:	240503_PWD_SOIL4_6.0-6.5				
Operator ID:		ALS Bottle#:	12	Worklist Smp#:	12
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

94 Pyrene, CAS: 129-00-0

Processing Results



RT	Mass	Response	Amount
9.51	202.00	2455	0.090648
9.51	101.00	318	
9.51	100.00	283	

Reviewer: G4KC, 09-May-2024 10:05:26 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-303245-1

SDG No.:

Client Sample ID: 240503_PWD_SOIL5_6.0-6.5 | Lab Sample ID: 460-303245-2

Matrix: Solid | Lab File ID: Z85753.d

Analysis Method: 8270E | Date Collected: 05/03/2024 10:40

Extract. Method: 3546 | Date Extracted: 05/08/2024 18:22

Sample wt/vol: 15.00(g) | Date Analyzed: 05/09/2024 07:48

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 11.7 % Solids: 88.3 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 973784 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-12-7	Anthracene	0.011	U	0.37	0.011
56-55-3	Benzo[a]anthracene	0.028	U	0.037	0.028
50-32-8	Benzo[a]pyrene	0.010	U	0.037	0.010
205-99-2	Benzo[b]fluoranthene	0.0097	U	0.037	0.0097
191-24-2	Benzo[g,h,i]perylene	0.011	U	0.37	0.011
218-01-9	Chrysene	0.016	U	0.37	0.016
86-73-7	Fluorene	0.011	U	0.37	0.011
85-01-8	Phenanthrene	0.015	U	0.37	0.015
129-00-0	Pyrene	0.0093	U	0.37	0.0093

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	90		48-120
4165-60-0	Nitrobenzene-d5 (Surr)	92		38-120
1718-51-0	Terphenyl-d14 (Surr)	103		25-126

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20240509-175638.b\Z85753.d
Lims ID: 460-303245-F-2-B
Client ID: 240503_PWD_SOIL5_6.0-6.5
Sample Type: Client
Inject. Date: 09-May-2024 07:48:30 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0175638-007
Operator ID: Instrument ID: CBNAMS11

Method: \\chromfs\Edison\ChromData\CBNAMS11\20240509-175638.b\8270_11R_9.m
Limit Group: SV 8270E ICAL
Last Update: 09-May-2024 08:55:22 Calib Date: 26-Apr-2024 09:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS11\20240426-175162.b\Z85458.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1671

First Level Reviewer: QQ8R Date: 09-May-2024 08:55:57

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 14 1,4-Dichlorobenzene-d4	152	3.774	3.778	-0.004	95	258160	40.0	
$ 26 Nitrobenzene-d5	82	4.339	4.342	-0.008	84	408638	45.8	
* 38 Naphthalene-d8	136	5.031	5.037	-0.006	99	1004329	40.0	
$ 51 2-Fluorobiphenyl	172	6.093	6.093	-0.005	98	933721	44.9	
* 65 Acenaphthene-d10	164	6.728	6.731	-0.003	95	560685	40.0	
* 87 Phenanthrene-d10	188	8.145	8.151	-0.006	98	1053453	40.0	
$ 96 Terphenyl-d14	244	9.686	9.677	-0.002	97	1226447	51.7	
* 102 Chrysene-d12	240	10.714	10.723	-0.009	99	797103	40.0	
* 109 Perylene-d12	264	12.447	12.455	-0.008	99	902650	40.0	

QC Flag Legend
Processing Flags

Reagents:
SM_ISTD_00197 Amount Added: 20.00 Units: uL Run Reagent

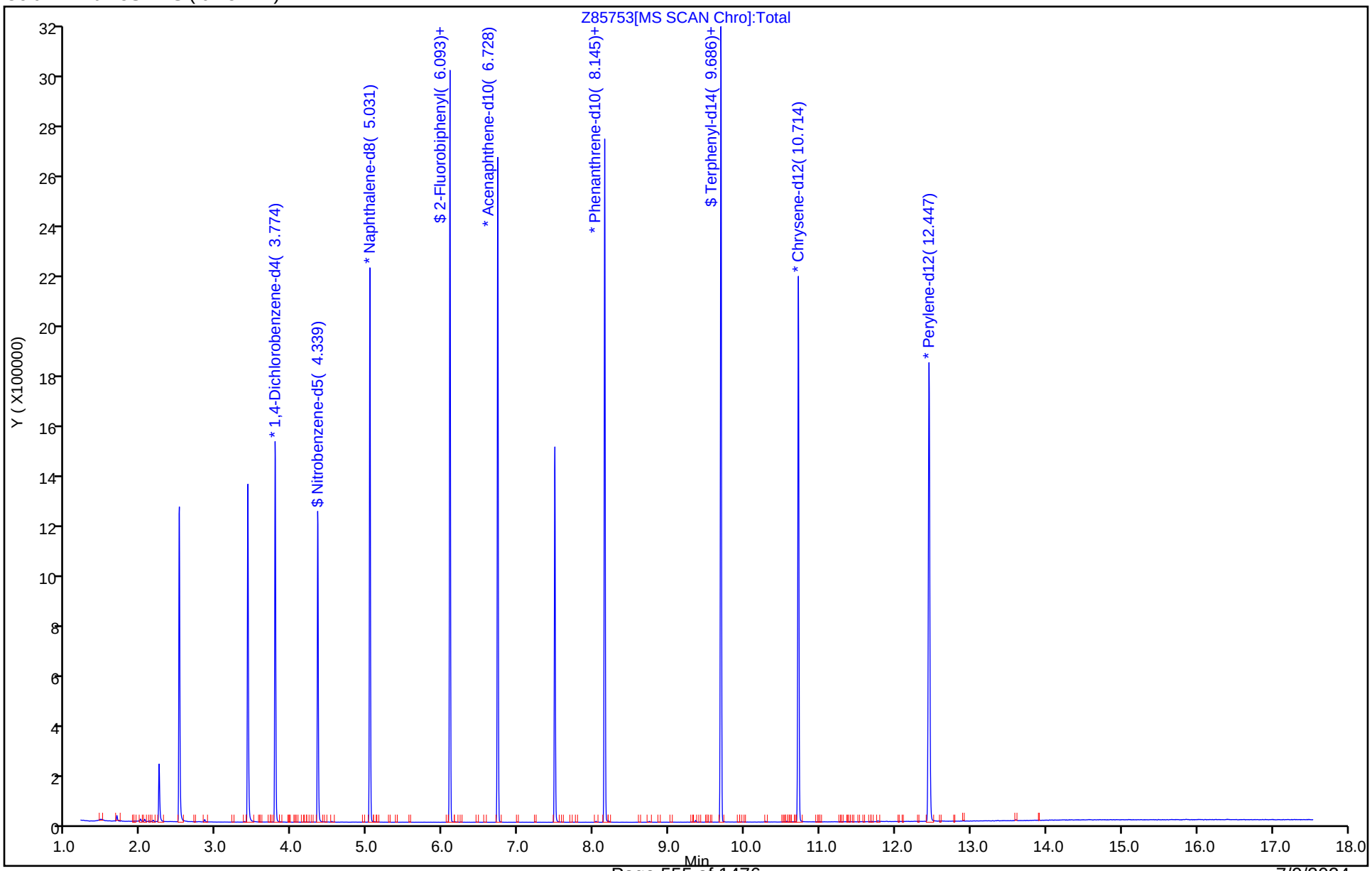
Report Date: 09-May-2024 08:55:58 Chrom Revision: 2.3 01-May-2024 15:52:26

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20240509-175638.b\Z85753.d

Injection Date:	09-May-2024 07:48:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	460-303245-F-2-B	Lab Sample ID:	460-303245-2	Worklist Smp#:	7
Client ID:	240503_PWD_SOIL5_6.0-6.5				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8270_11R_9	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



7/9/2024
8:32:15 AM

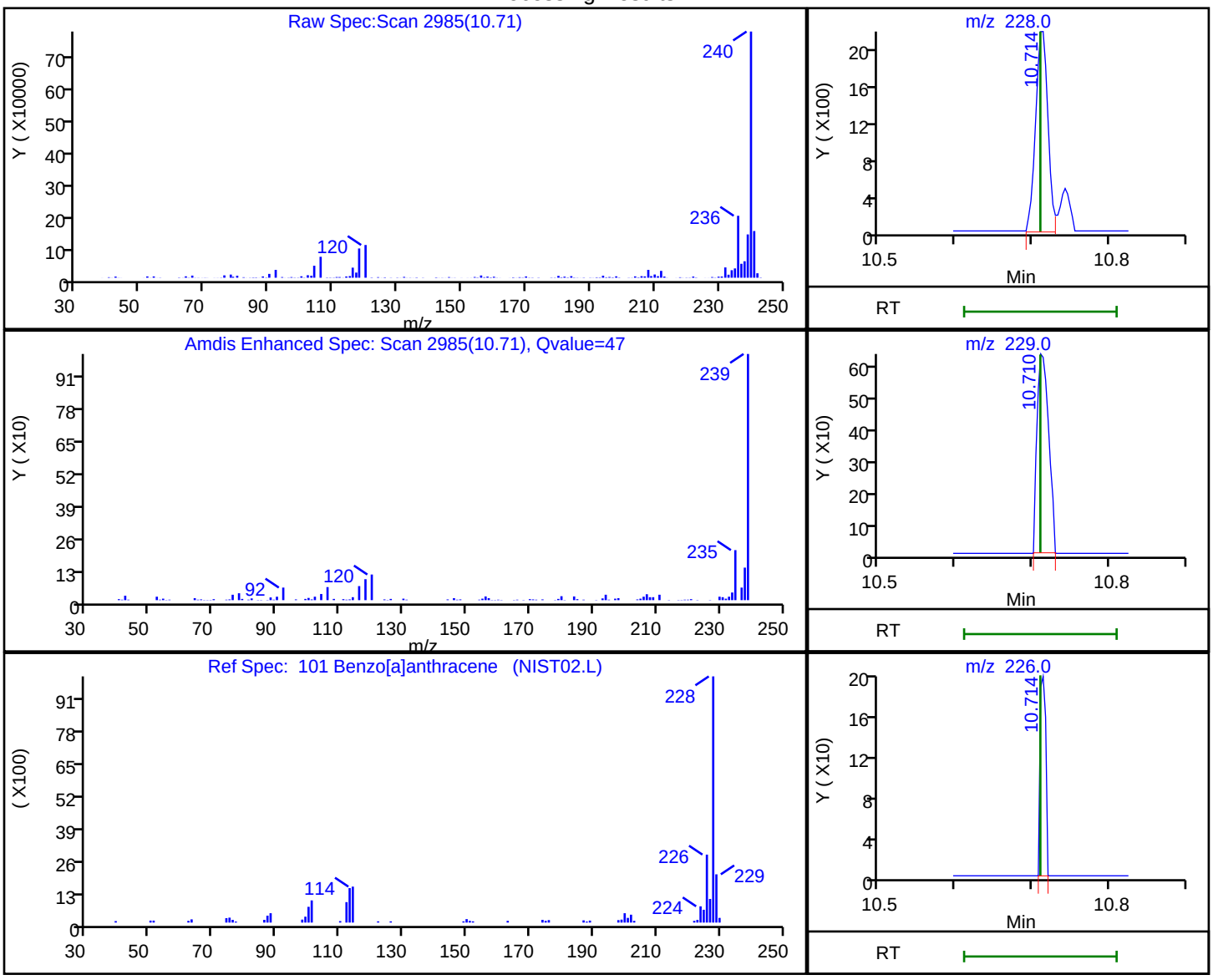
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20240509-175638.b\Z85753.d				
Injection Date:	09-May-2024 07:48:30	Instrument ID:	CBNAMS11		
Lims ID:	460-303245-F-2-B	Lab Sample ID:	460-303245-2		
Client ID:	240503_PWD_SOIL5_6.0-6.5				
Operator ID:		ALS Bottle#:	7	Worklist Smp#:	7
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

101 Benzo[a]anthracene, CAS: 56-55-3

Processing Results



RT	Mass	Response	Amount
10.71	228.00	2441	0.093076
10.71	229.00	683	
10.71	226.00	100	

Reviewer: QQ8R, 09-May-2024 08:45:25 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

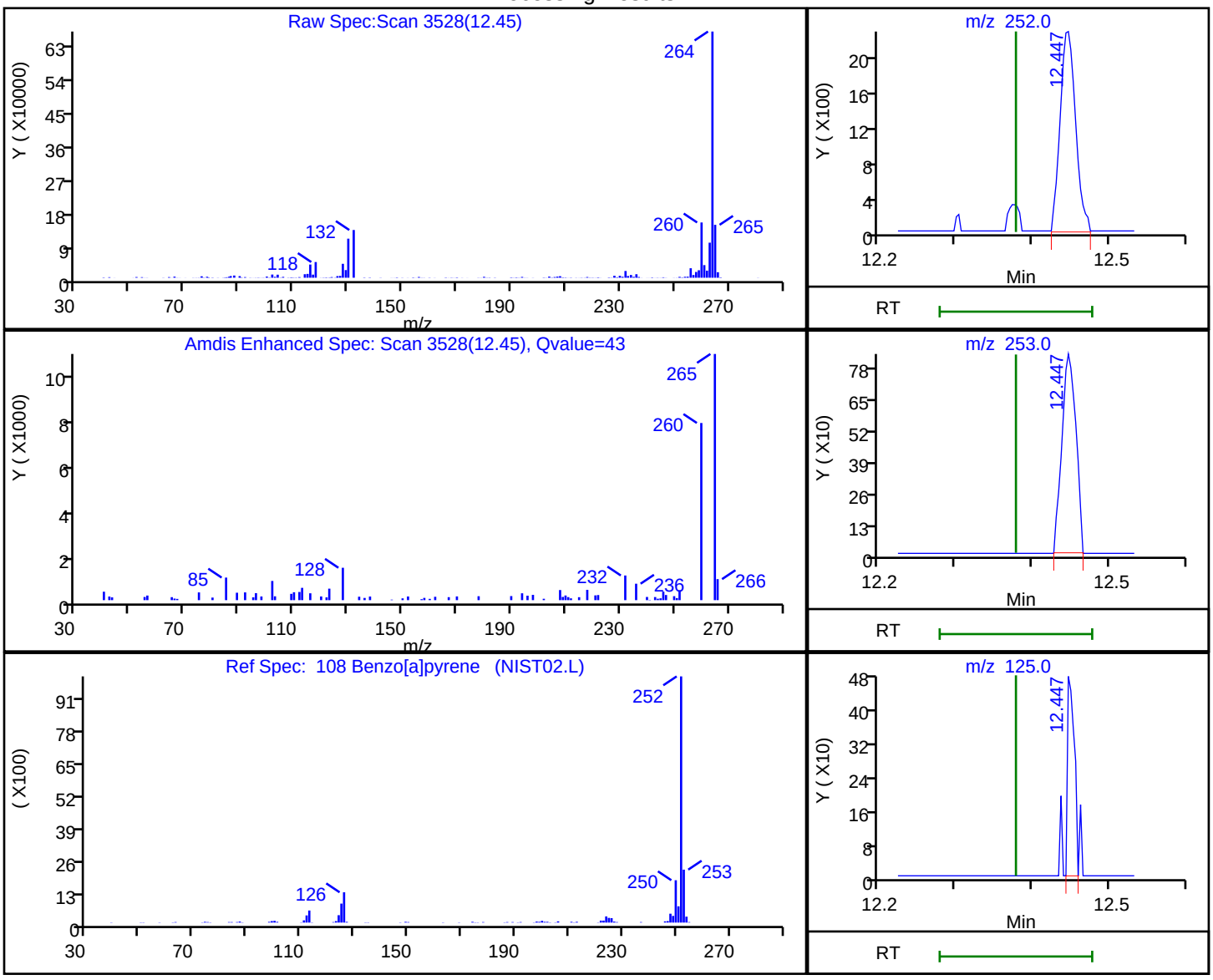
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20240509-175638.b\Z85753.d				
Injection Date:	09-May-2024 07:48:30	Instrument ID:	CBNAMS11		
Lims ID:	460-303245-F-2-B	Lab Sample ID:	460-303245-2		
Client ID:	240503_PWD_SOIL5_6.0-6.5				
Operator ID:		ALS Bottle#:	7	Worklist Smp#:	7
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

108 Benzo[a]pyrene, CAS: 50-32-8

Processing Results



RT	Mass	Response	Amount
12.45	252.00	3223	0.141013
12.45	253.00	1076	
12.45	125.00	298	

Reviewer: QQ8R, 09-May-2024 08:45:27 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-303245-1

SDG No.:

Client Sample ID: 240503_PWD_SOIL6_6.0-6.5 | Lab Sample ID: 460-303245-3

Matrix: Solid | Lab File ID: Z85754.d

Analysis Method: 8270E | Date Collected: 05/03/2024 11:40

Extract. Method: 3546 | Date Extracted: 05/08/2024 18:22

Sample wt/vol: 15.00(g) | Date Analyzed: 05/09/2024 08:10

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 10.9 % Solids: 89.1 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 973784 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-12-7	Anthracene	0.011	U	0.37	0.011
56-55-3	Benzo[a]anthracene	0.028	U	0.037	0.028
50-32-8	Benzo[a]pyrene	0.0099	U	0.037	0.0099
205-99-2	Benzo[b]fluoranthene	0.0096	U	0.037	0.0096
191-24-2	Benzo[g,h,i]perylene	0.011	U	0.37	0.011
218-01-9	Chrysene	0.016	U	0.37	0.016
86-73-7	Fluorene	0.011	U	0.37	0.011
85-01-8	Phenanthrene	0.015	U	0.37	0.015
129-00-0	Pyrene	0.0092	U	0.37	0.0092

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	92		48-120
4165-60-0	Nitrobenzene-d5 (Surr)	93		38-120
1718-51-0	Terphenyl-d14 (Surr)	104		25-126

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20240509-175638.b\Z85754.d
Lims ID: 460-303245-F-3-B
Client ID: 240503_PWD_SOIL6_6.0-6.5
Sample Type: Client
Inject. Date: 09-May-2024 08:10:30 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0175638-008
Operator ID: Instrument ID: CBNAMS11

Method: \\chromfs\Edison\ChromData\CBNAMS11\20240509-175638.b\8270_11R_9.m
Limit Group: SV 8270E ICAL
Last Update: 09-May-2024 09:00:19 Calib Date: 26-Apr-2024 09:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS11\20240426-175162.b\Z85458.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1640

First Level Reviewer: QQ8R Date: 09-May-2024 08:45:53

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 14 1,4-Dichlorobenzene-d4	152	3.774	3.778	-0.004	94	270908	40.0	
$ 26 Nitrobenzene-d5	82	4.339	4.342	-0.008	85	434869	46.3	
* 38 Naphthalene-d8	136	5.031	5.037	-0.006	99	1058609	40.0	
$ 51 2-Fluorobiphenyl	172	6.094	6.093	-0.004	98	1010422	46.0	
* 65 Acenaphthene-d10	164	6.725	6.731	-0.006	95	592500	40.0	
* 87 Phenanthrene-d10	188	8.145	8.151	-0.006	98	1141019	40.0	
$ 96 Terphenyl-d14	244	9.686	9.677	-0.002	97	1274423	52.1	
* 102 Chrysene-d12	240	10.714	10.723	-0.009	99	822266	40.0	
* 109 Perylene-d12	264	12.447	12.455	-0.008	99	901051	40.0	

QC Flag Legend
Processing Flags

Reagents:
SM_ISTD_00197 Amount Added: 20.00 Units: uL Run Reagent

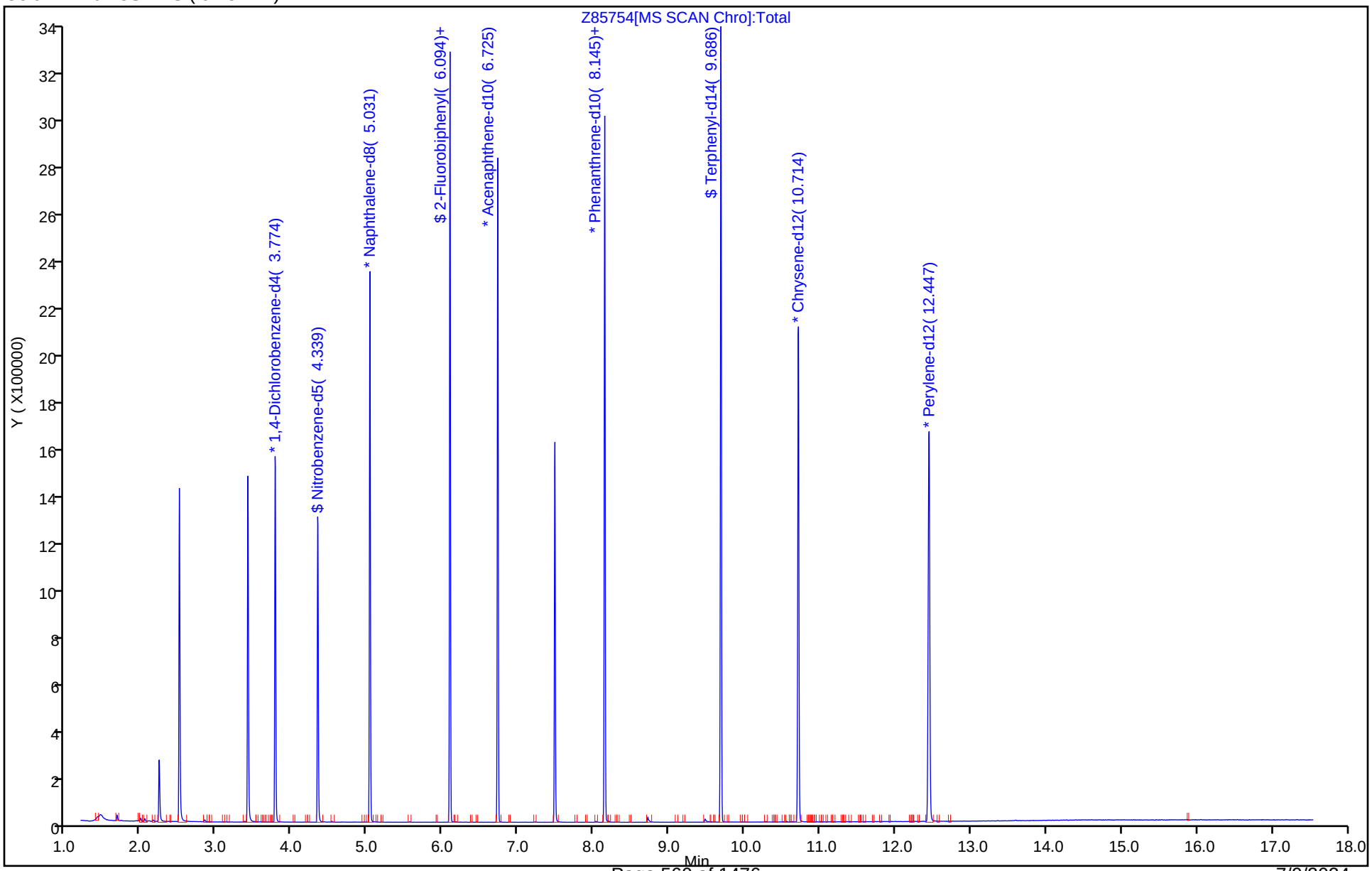
Report Date: 09-May-2024 09:00:19 Chrom Revision: 2.3 01-May-2024 15:52:26

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20240509-175638.b\Z85754.d

Injection Date:	09-May-2024 08:10:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	460-303245-F-3-B	Lab Sample ID:	460-303245-3	Worklist Smp#:	8
Client ID:	240503_PWD_SOIL6_6.0-6.5				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8270_11R_9	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



7/9/2024
8:32:15 AM

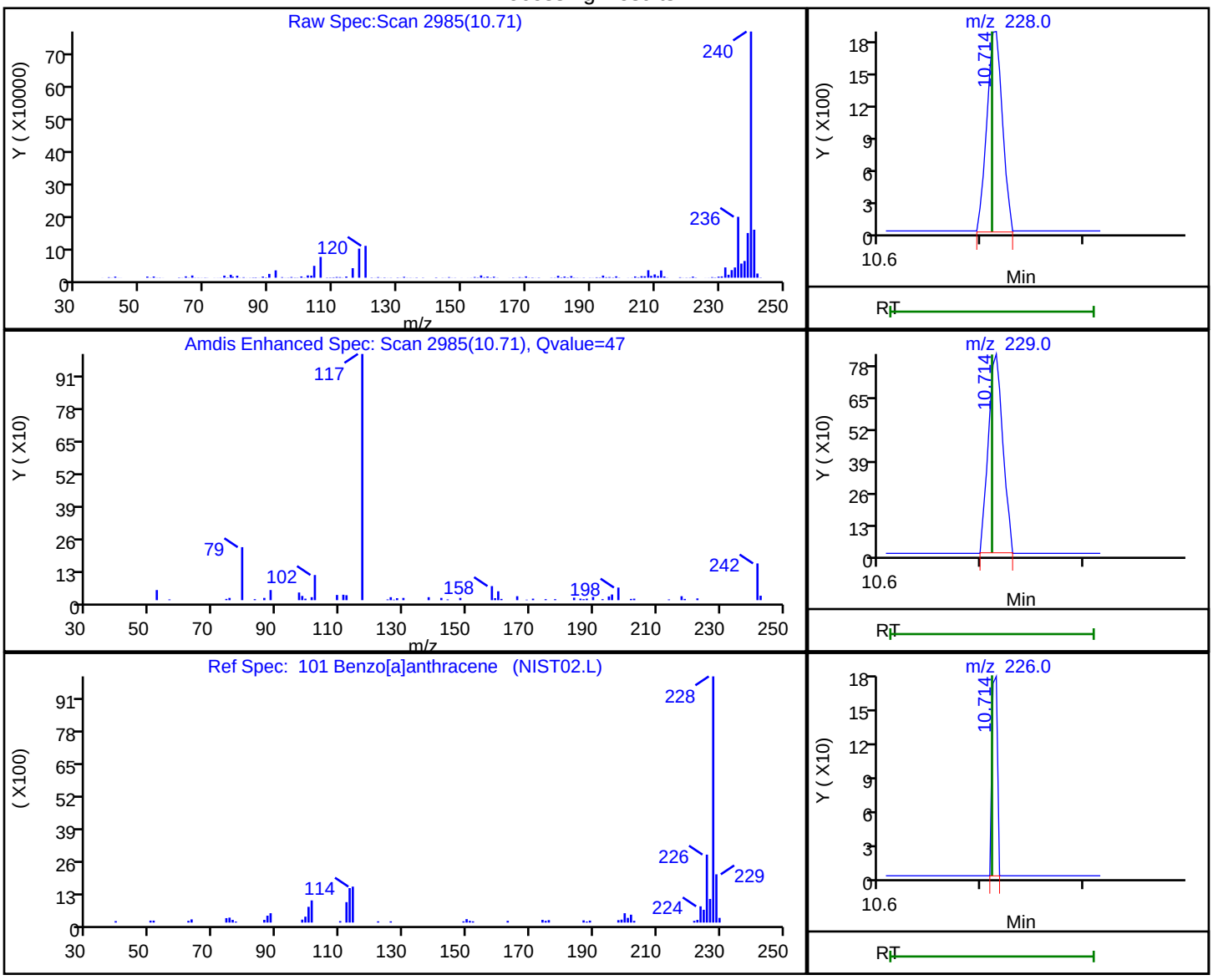
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20240509-175638.b\Z85754.d				
Injection Date:	09-May-2024 08:10:30	Instrument ID:	CBNAMS11		
Lims ID:	460-303245-F-3-B	Lab Sample ID:	460-303245-3		
Client ID:	240503_PWD_SOIL6_6.0-6.5				
Operator ID:		ALS Bottle#:	8	Worklist Smp#:	8
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

101 Benzo[a]anthracene, CAS: 56-55-3

Processing Results



RT	Mass	Response	Amount
10.71	228.00	1906	0.070452
10.71	229.00	814	
10.71	226.00	66	

Reviewer: QQ8R, 09-May-2024 08:45:40 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

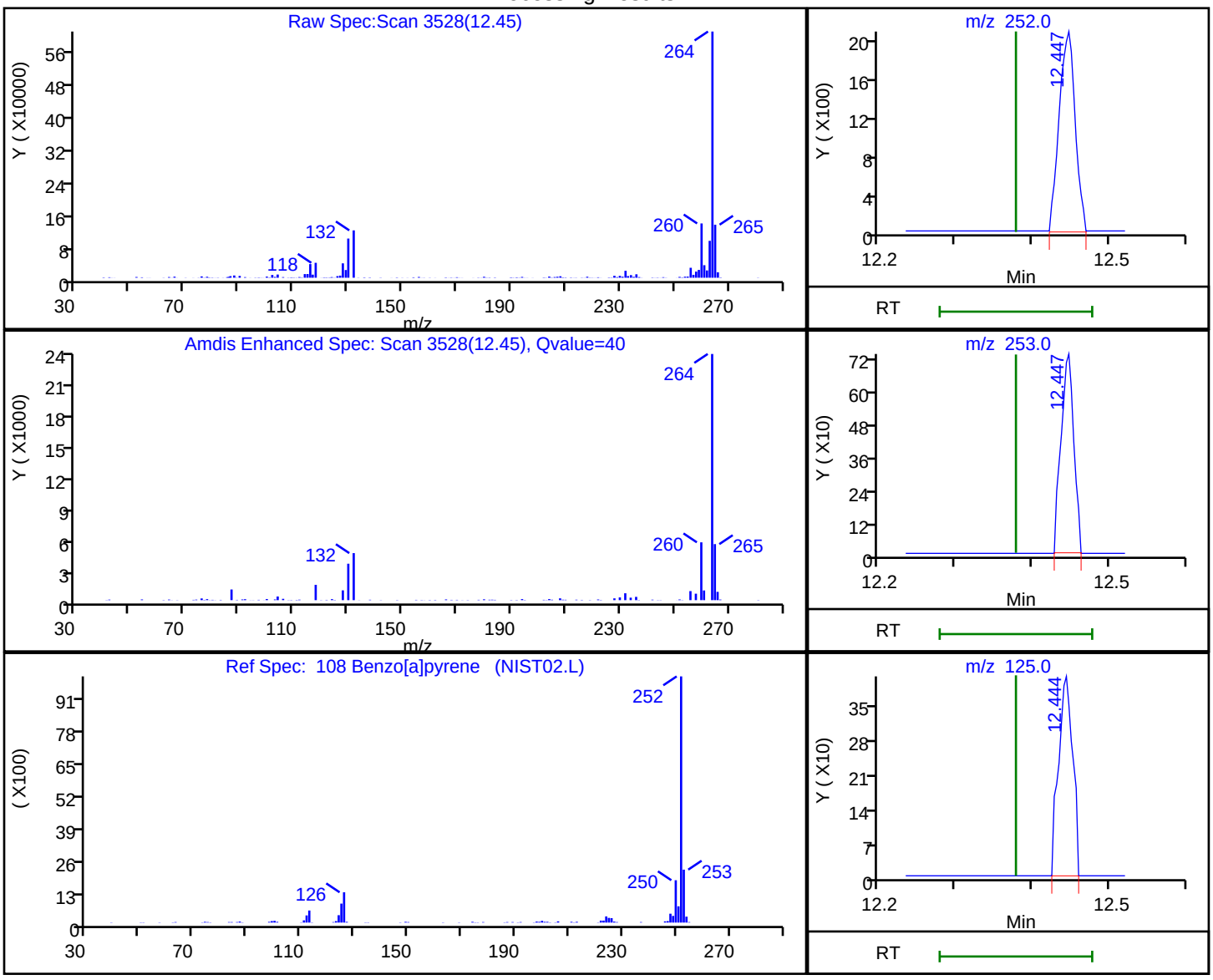
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20240509-175638.b\Z85754.d				
Injection Date:	09-May-2024 08:10:30	Instrument ID:	CBNAMS11		
Lims ID:	460-303245-F-3-B	Lab Sample ID:	460-303245-3		
Client ID:	240503_PWD_SOIL6_6.0-6.5				
Operator ID:		ALS Bottle#:	8	Worklist Smp#:	8
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

108 Benzo[a]pyrene, CAS: 50-32-8

Processing Results



RT	Mass	Response	Amount
12.45	252.00	2923	0.128114
12.45	253.00	854	
12.44	125.00	522	

Reviewer: QQ8R, 09-May-2024 08:45:43 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

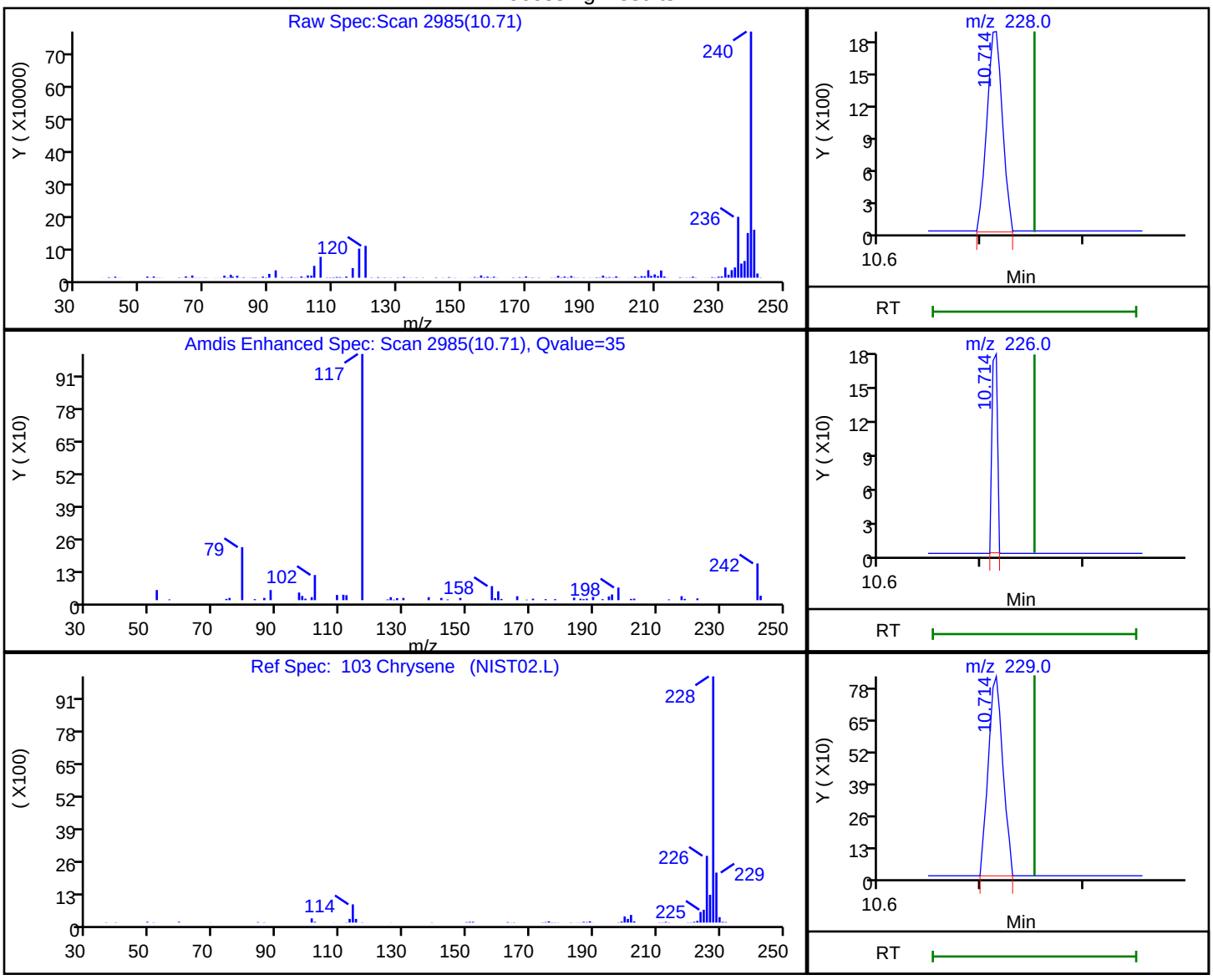
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20240509-175638.b\Z85754.d				
Injection Date:	09-May-2024 08:10:30	Instrument ID:	CBNAMS11		
Lims ID:	460-303245-F-3-B	Lab Sample ID:	460-303245-3		
Client ID:	240503_PWD_SOIL6_6.0-6.5				
Operator ID:		ALS Bottle#:	8	Worklist Smp#:	8
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

103 Chrysene, CAS: 218-01-9

Processing Results



RT	Mass	Response	Amount
10.71	228.00	1906	0.074881
10.71	226.00	66	
10.71	229.00	814	

Reviewer: G4KC, 09-May-2024 09:00:14 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-303245-1

SDG No.:

Client Sample ID: 240503_PWD_SOIL7_6.0-6.5 | Lab Sample ID: 460-303245-4

Matrix: Solid | Lab File ID: Z85762.d

Analysis Method: 8270E | Date Collected: 05/03/2024 13:00

Extract. Method: 3546 | Date Extracted: 05/08/2024 18:22

Sample wt/vol: 15.00(g) | Date Analyzed: 05/09/2024 11:10

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 13.7 % Solids: 86.3 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 973784 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-12-7	Anthracene	0.012	U	0.38	0.012
56-55-3	Benzo[a]anthracene	0.029	U	0.038	0.029
50-32-8	Benzo[a]pyrene	0.010	U	0.038	0.010
205-99-2	Benzo[b]fluoranthene	0.0099	U	0.038	0.0099
191-24-2	Benzo[g,h,i]perylene	0.011	U	0.38	0.011
218-01-9	Chrysene	0.016	U	0.38	0.016
86-73-7	Fluorene	0.011	U	0.38	0.011
85-01-8	Phenanthrene	0.016	U	0.38	0.016
129-00-0	Pyrene	0.0095	U	0.38	0.0095

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	99		48-120
4165-60-0	Nitrobenzene-d5 (Surr)	99		38-120
1718-51-0	Terphenyl-d14 (Surr)	109		25-126

Eurofins Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20240509-175638.b\Z85762.d				
Lims ID:	460-303245-F-4-B				
Client ID:	240503_PWD_SOIL7_6.0-6.5				
Sample Type:	Client				
Inject. Date:	09-May-2024 11:10:30	ALS Bottle#:	16	Worklist Smp#:	16
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0175638-016				
Operator ID:		Instrument ID:	CBNAMS11		
Method:	\\chromfs\Edison\ChromData\CBNAMS11\20240509-175638.b\8270_11R_9.m				
Limit Group:	SV 8270E ICAL				
Last Update:	09-May-2024 09:52:31	Calib Date:	26-Apr-2024 09:15:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CBNAMS11\20240426-175162.b\Z85458.d				
Column 1 :	Rtxi-5Sil MS (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1671				

First Level Reviewer: QQ8R Date: 09-May-2024 11:54:46

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 14 1,4-Dichlorobenzene-d4	152	3.777	3.778	-0.001	94	289454	40.0	
$ 26 Nitrobenzene-d5	82	4.339	4.342	-0.008	87	489919	49.4	
* 38 Naphthalene-d8	136	5.031	5.037	-0.006	99	1117002	40.0	
$ 51 2-Fluorobiphenyl	172	6.094	6.094	-0.004	98	1090647	49.5	
* 65 Acenaphthene-d10	164	6.727	6.731	-0.004	95	594888	40.0	
* 87 Phenanthrene-d10	188	8.144	8.151	-0.007	98	1074675	40.0	
$ 96 Terphenyl-d14	244	9.686	9.678	-0.002	98	1249941	54.4	
* 102 Chrysene-d12	240	10.714	10.723	-0.009	99	772544	40.0	
* 109 Perylene-d12	264	12.447	12.455	-0.008	98	911927	40.0	

QC Flag Legend

Processing Flags

Reagents:

SM_ISTD_00197 Amount Added: 20.00 Units: uL Run Reagent

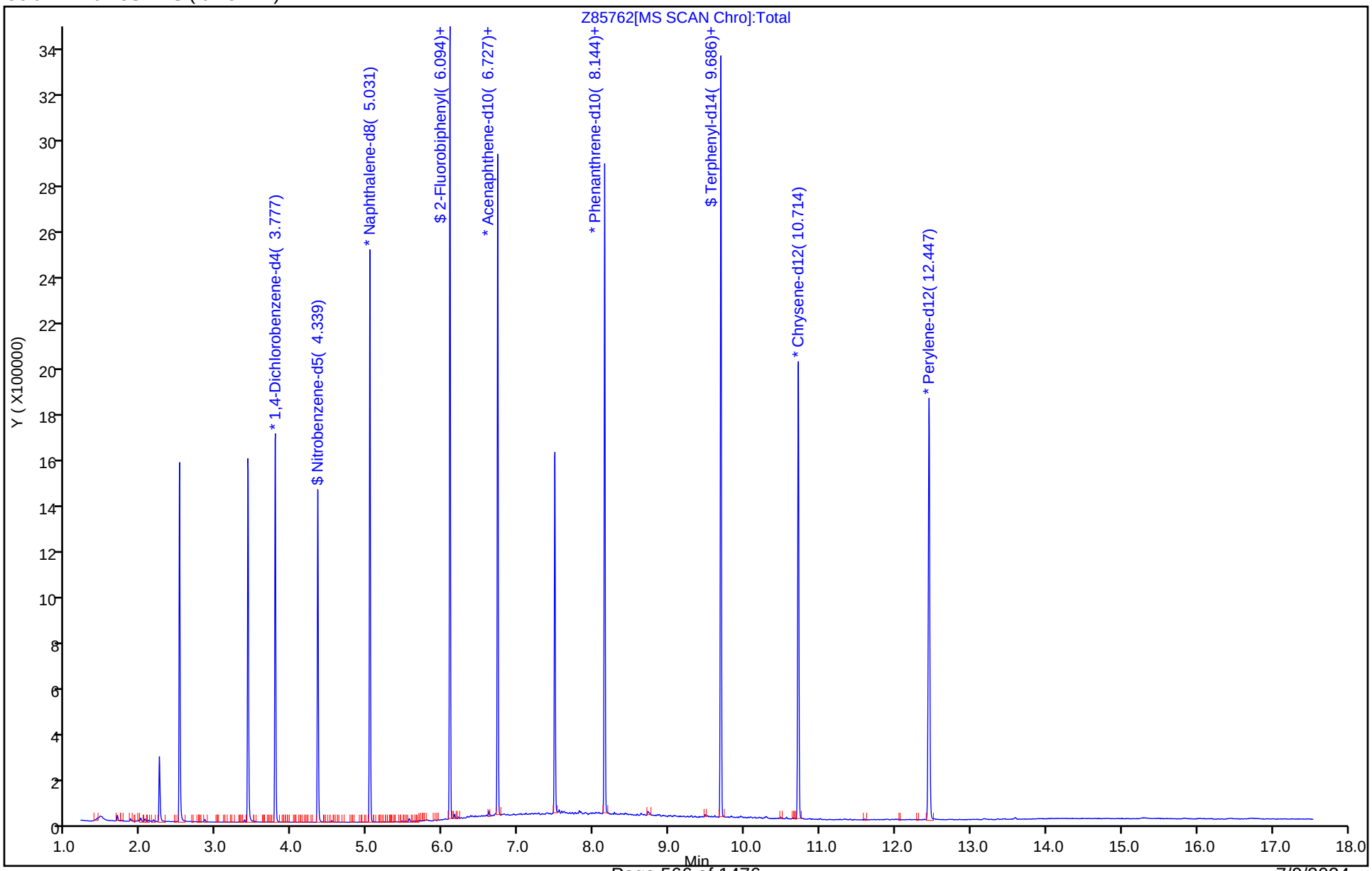
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Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20240509-175638.b\Z85762.d

Injection Date:	09-May-2024 11:10:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	460-303245-F-4-B	Lab Sample ID:	460-303245-4	Worklist Smp#:	16
Client ID:	240503_PWD_SOIL7_6.0-6.5				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	16
Method:	8270_11R_9	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



7/9/2024
8:32:15 AM

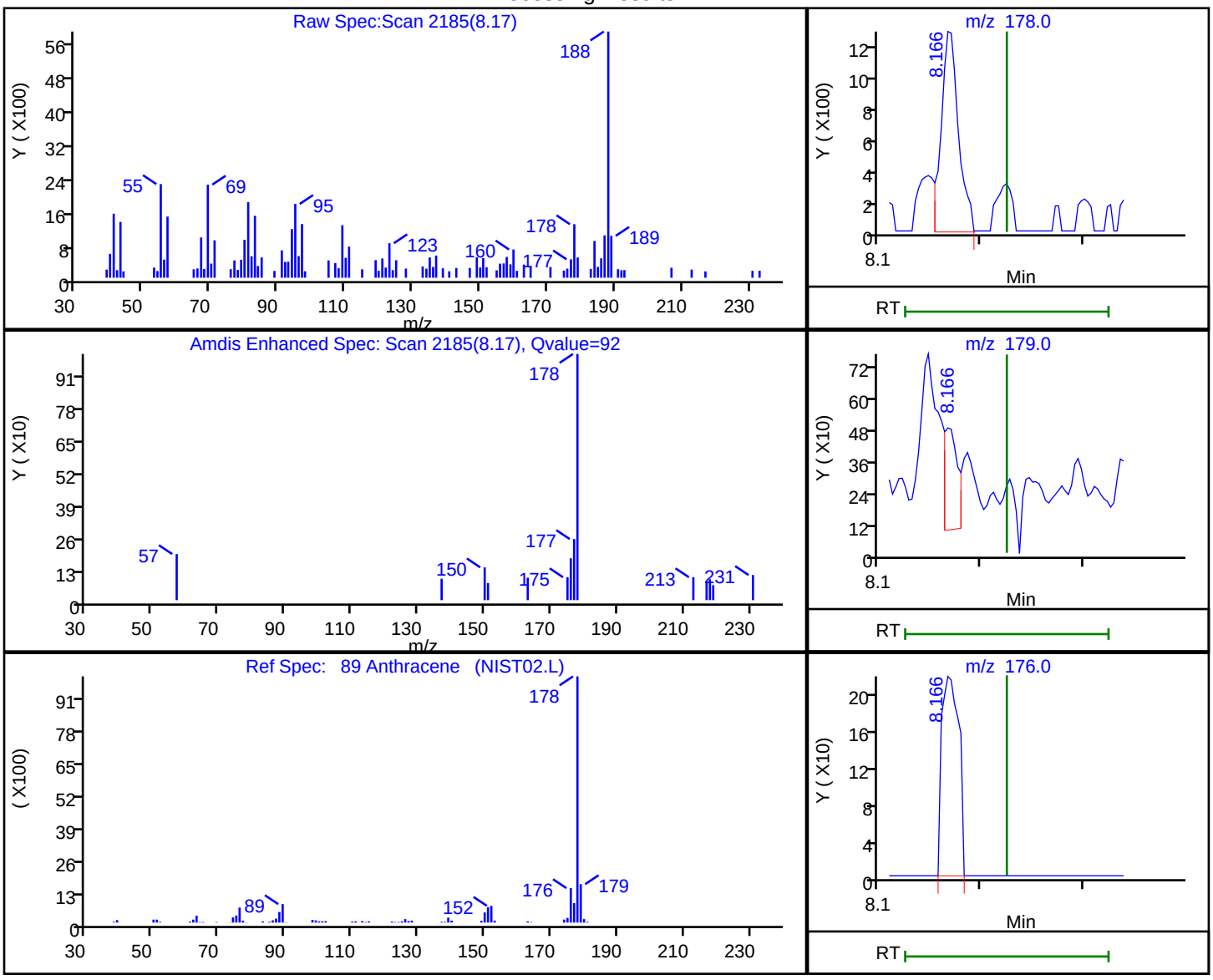
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20240509-175638.b\Z85762.d				
Injection Date:	09-May-2024 11:10:30	Instrument ID:	CBNAMS11		
Lims ID:	460-303245-F-4-B	Lab Sample ID:	460-303245-4		
Client ID:	240503_PWD_SOIL7_6.0-6.5				
Operator ID:		ALS Bottle#:	16	Worklist Smp#:	16
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

89 Anthracene, CAS: 120-12-7

Processing Results



RT	Mass	Response	Amount
8.17	178.00	1485	0.052526
8.17	179.00	367	
8.17	176.00	251	

Reviewer: G4KC, 09-May-2024 11:34:35 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

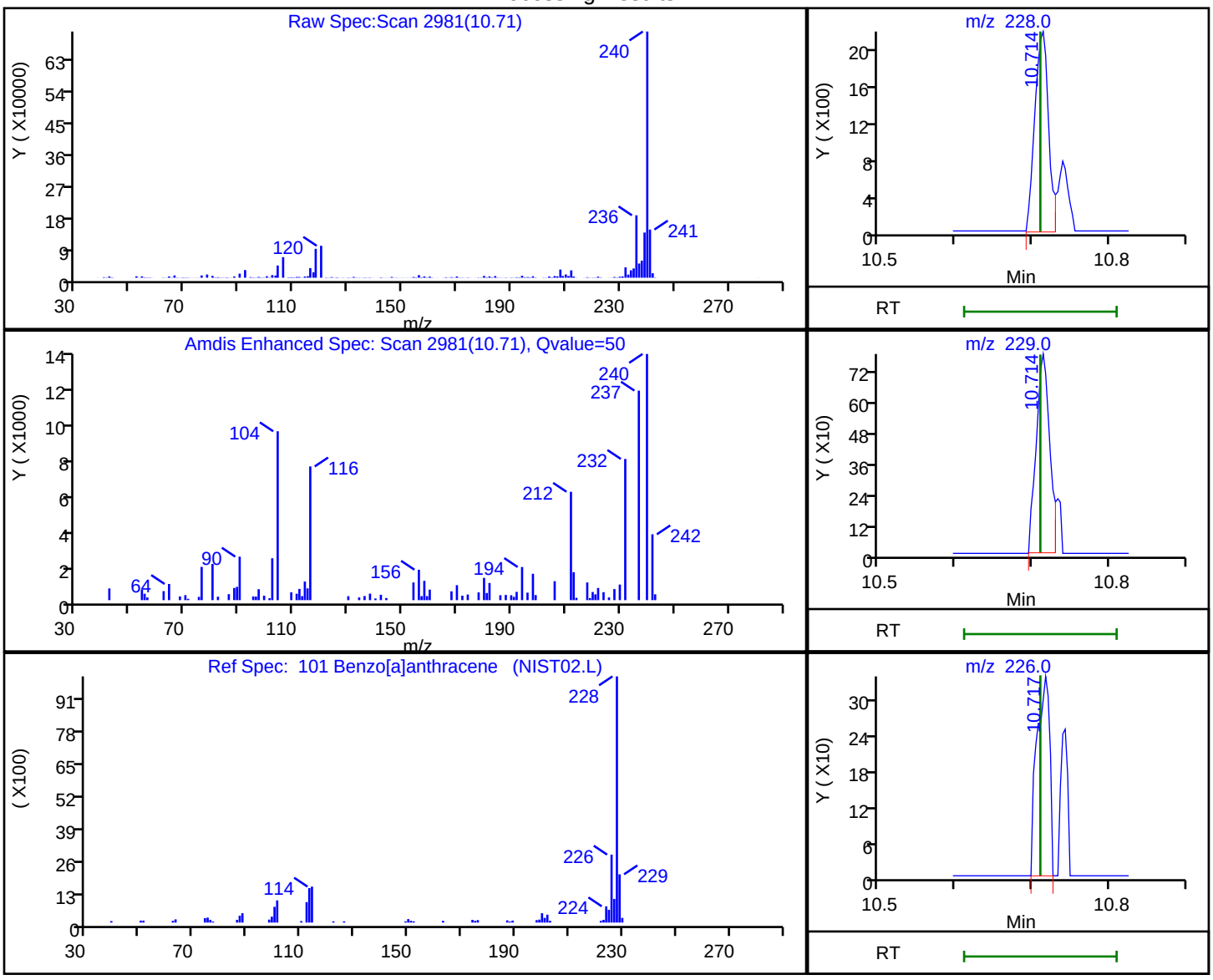
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20240509-175638.b\Z85762.d				
Injection Date:	09-May-2024 11:10:30	Instrument ID:	CBNAMS11		
Lims ID:	460-303245-F-4-B	Lab Sample ID:	460-303245-4		
Client ID:	240503_PWD_SOIL7_6.0-6.5				
Operator ID:		ALS Bottle#:	16	Worklist Smp#:	16
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

101 Benzo[a]anthracene, CAS: 56-55-3

Processing Results



RT	Mass	Response	Amount
10.71	228.00	2620	0.103077
10.71	229.00	963	
10.72	226.00	398	

Reviewer: G4KC, 09-May-2024 11:34:37 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

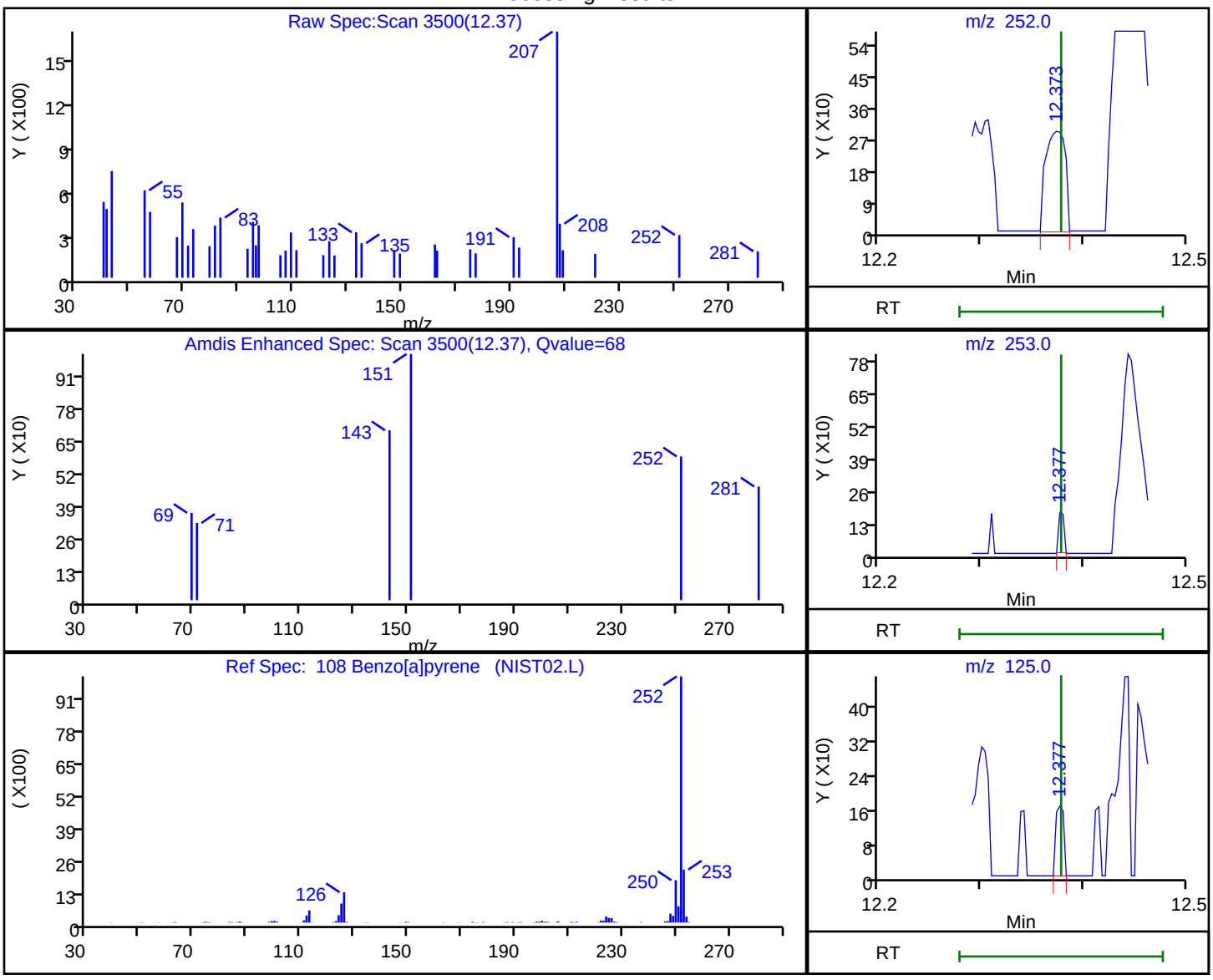
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20240509-175638.b\Z85762.d				
Injection Date:	09-May-2024 11:10:30	Instrument ID:	CBNAMS11		
Lims ID:	460-303245-F-4-B	Lab Sample ID:	460-303245-4		
Client ID:	240503_PWD_SOIL7_6.0-6.5				
Operator ID:		ALS Bottle#:	16	Worklist Smp#:	16
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

108 Benzo[a]pyrene, CAS: 50-32-8

Processing Results



RT	Mass	Response	Amount
12.37	252.00	384	0.016630
12.38	253.00	62	
12.38	125.00	89	

Reviewer: G4KC, 09-May-2024 11:34:40 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

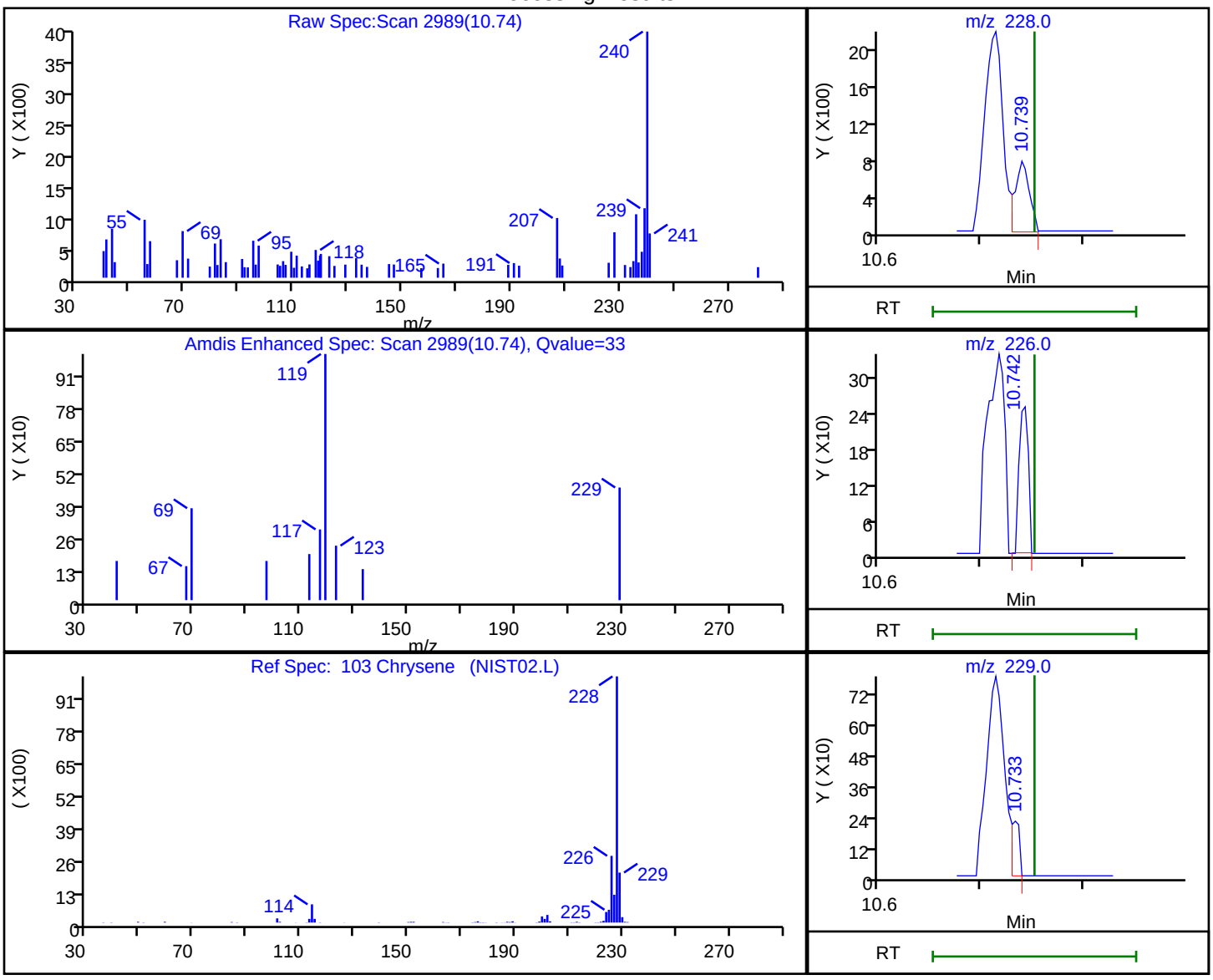
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20240509-175638.b\Z85762.d				
Injection Date:	09-May-2024 11:10:30	Instrument ID:	CBNAMS11		
Lims ID:	460-303245-F-4-B	Lab Sample ID:	460-303245-4		
Client ID:	240503_PWD_SOIL7_6.0-6.5				
Operator ID:		ALS Bottle#:	16	Worklist Smp#:	16
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

103 Chrysene, CAS: 218-01-9

Processing Results



RT	Mass	Response	Amount
10.74	228.00	709	0.029647
10.74	226.00	157	
10.73	229.00	119	

Reviewer: G4KC, 09-May-2024 11:34:38 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

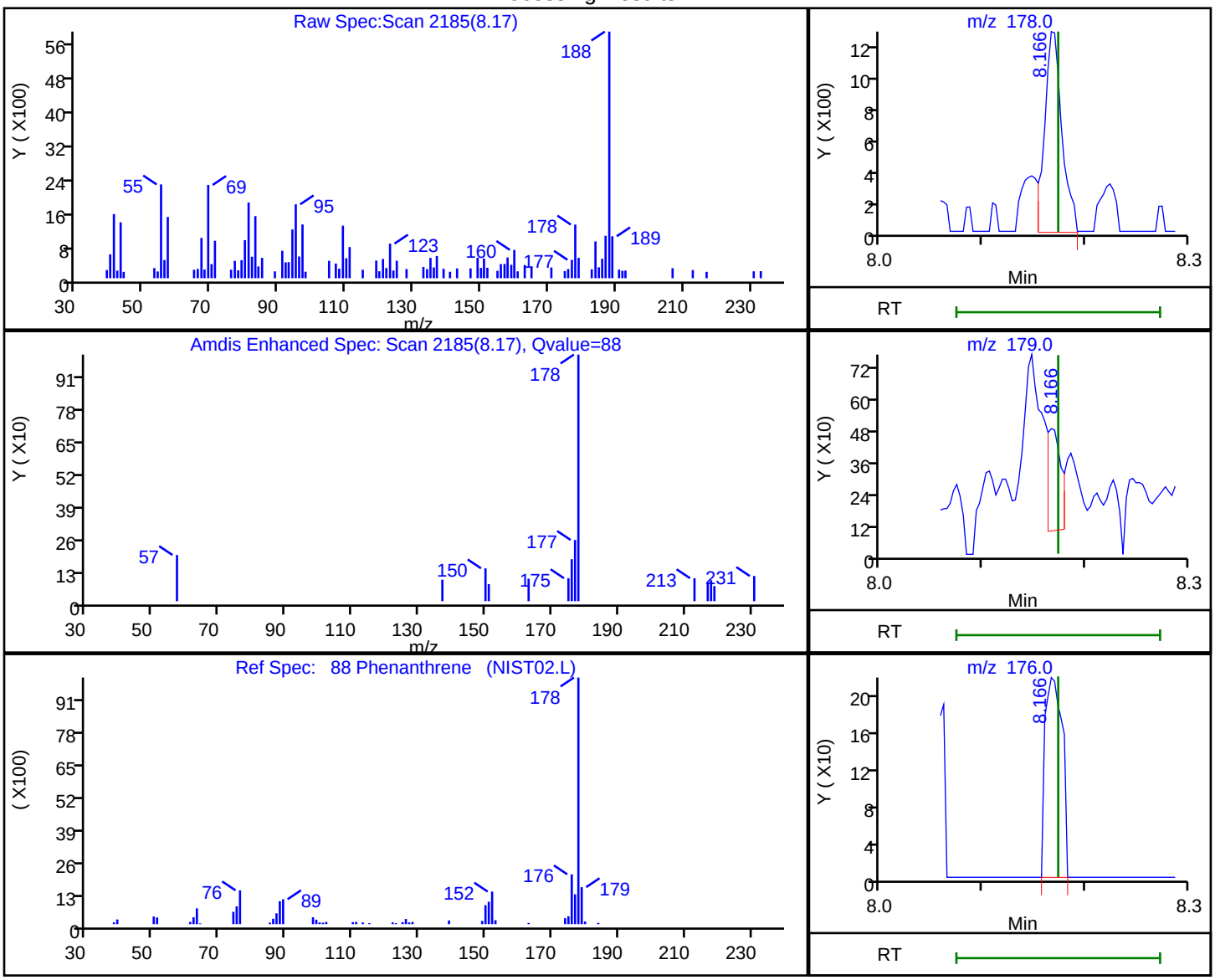
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20240509-175638.b\Z85762.d				
Injection Date:	09-May-2024 11:10:30	Instrument ID:	CBNAMS11		
Lims ID:	460-303245-F-4-B	Lab Sample ID:	460-303245-4		
Client ID:	240503_PWD_SOIL7_6.0-6.5				
Operator ID:		ALS Bottle#:	16	Worklist Smp#:	16
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

88 Phenanthrene, CAS: 85-01-8

Processing Results



RT	Mass	Response	Amount
8.17	178.00	1485	0.054190
8.17	179.00	367	
8.17	176.00	251	

Reviewer: G4KC, 09-May-2024 11:34:34 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-303245-1

SDG No.:

Client Sample ID: DUP-2_050324 | Lab Sample ID: 460-303245-5

Matrix: Solid | Lab File ID: Z85755.d

Analysis Method: 8270E | Date Collected: 05/03/2024 00:00

Extract. Method: 3546 | Date Extracted: 05/08/2024 18:22

Sample wt/vol: 15.00(g) | Date Analyzed: 05/09/2024 08:33

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 10.9 % Solids: 89.1 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 973784 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-12-7	Anthracene	0.011	U	0.37	0.011
56-55-3	Benzo[a]anthracene	0.028	U	0.037	0.028
50-32-8	Benzo[a]pyrene	0.0099	U	0.037	0.0099
205-99-2	Benzo[b]fluoranthene	0.0096	U	0.037	0.0096
191-24-2	Benzo[g,h,i]perylene	0.011	U	0.37	0.011
218-01-9	Chrysene	0.016	U	0.37	0.016
86-73-7	Fluorene	0.011	U	0.37	0.011
85-01-8	Phenanthrene	0.015	U	0.37	0.015
129-00-0	Pyrene	0.0092	U	0.37	0.0092

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	95		48-120
4165-60-0	Nitrobenzene-d5 (Surr)	97		38-120
1718-51-0	Terphenyl-d14 (Surr)	108		25-126

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20240509-175638.b\Z85755.d
Lims ID: 460-303245-F-5-B
Client ID: DUP-2_050324
Sample Type: Client
Inject. Date: 09-May-2024 08:33:30 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0175638-009
Operator ID: Instrument ID: CBNAMS11

Method: \\chromfs\Edison\ChromData\CBNAMS11\20240509-175638.b\8270_11R_9.m
Limit Group: SV 8270E ICAL
Last Update: 09-May-2024 11:31:10 Calib Date: 26-Apr-2024 09:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS11\20240426-175162.b\Z85458.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1671

First Level Reviewer: QQ8R Date: 09-May-2024 11:31:25

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 14 1,4-Dichlorobenzene-d4	152	3.774	3.778	-0.004	94	278045	40.0	
$ 26 Nitrobenzene-d5	82	4.339	4.342	-0.008	86	462075	48.6	
* 38 Naphthalene-d8	136	5.032	5.037	-0.005	99	1070631	40.0	
$ 51 2-Fluorobiphenyl	172	6.094	6.094	-0.004	98	1047040	47.3	
* 65 Acenaphthene-d10	164	6.726	6.731	-0.005	95	596801	40.0	
* 87 Phenanthrene-d10	188	8.146	8.151	-0.005	98	1128187	40.0	
$ 96 Terphenyl-d14	244	9.687	9.679	-0.001	97	1288979	54.0	
* 102 Chrysene-d12	240	10.711	10.723	-0.012	99	802080	40.0	
106 Benzo[b]fluoranthene	252	11.956	11.958	-0.010	91	1494	0.0649	
108 Benzo[a]pyrene	252	12.374	12.370	-0.004	93	1237	0.0573	a
* 109 Perylene-d12	264	12.445	12.455	-0.011	99	851932	40.0	
112 Benzo[g,h,i]perylene	276	14.236	14.235	-0.008	87	1345	0.0599	a

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

SM_ISTD_00197 Amount Added: 20.00 Units: uL Run Reagent

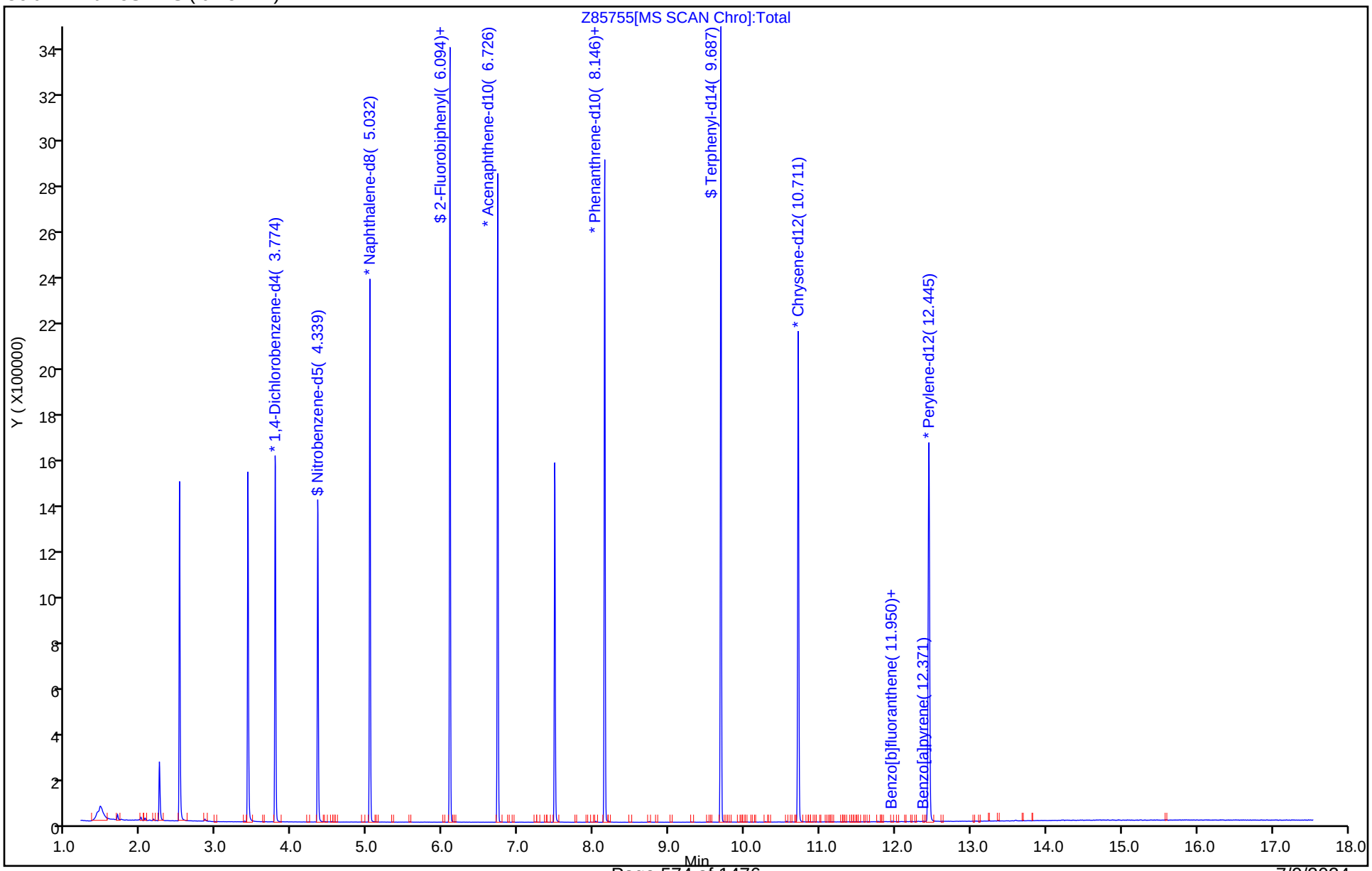
Report Date: 09-May-2024 11:31:26 Chrom Revision: 2.3 01-May-2024 15:52:26

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20240509-175638.b\Z85755.d

Injection Date:	09-May-2024 08:33:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	460-303245-F-5-B	Lab Sample ID:	460-303245-5	Worklist Smp#:	9
Client ID:	DUP-2_050324				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	8270_11R_9	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



7/9/2024
8:32:15 AM

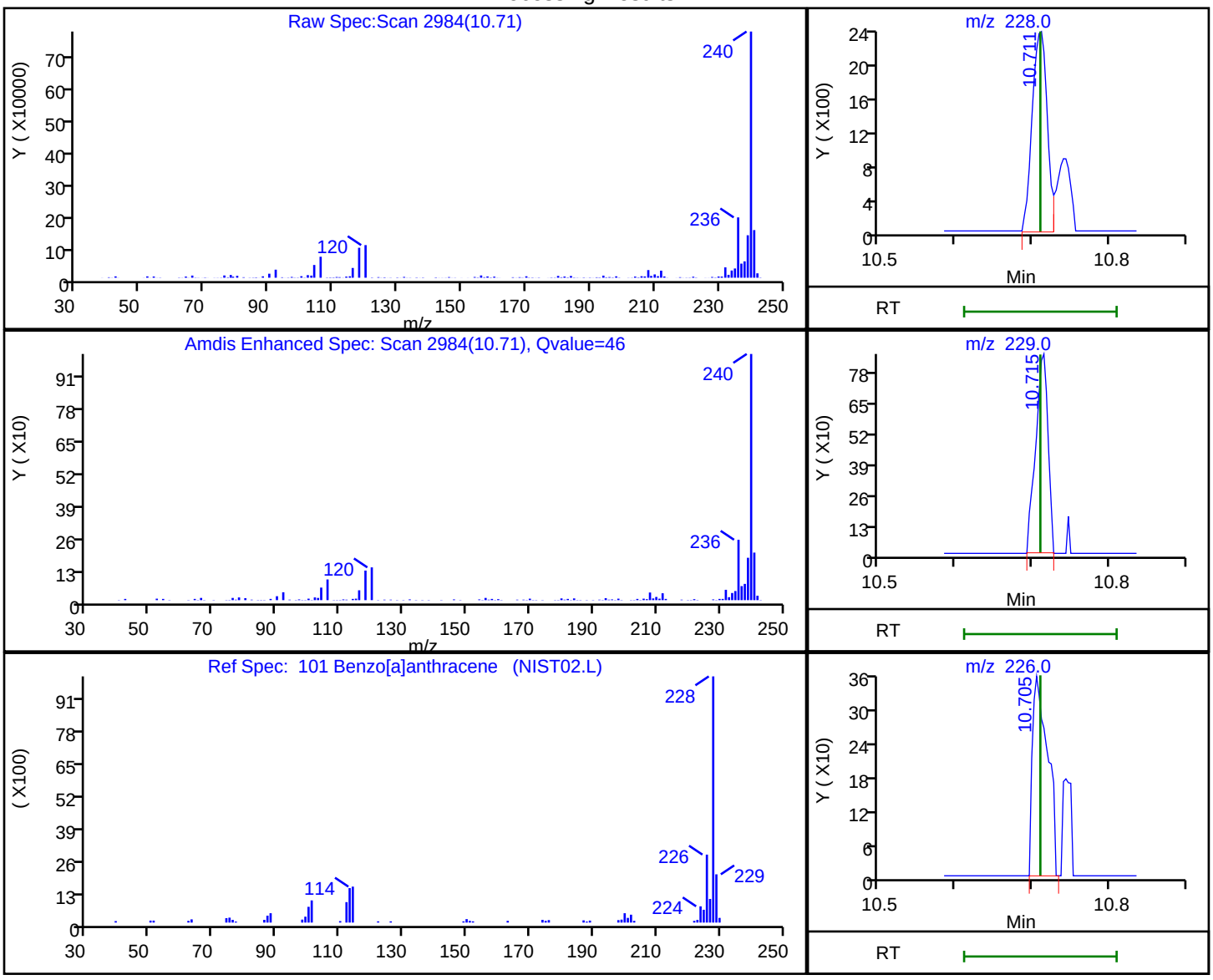
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20240509-175638.b\Z85755.d				
Injection Date:	09-May-2024 08:33:30	Instrument ID:	CBNAMS11		
Lims ID:	460-303245-F-5-B	Lab Sample ID:	460-303245-5		
Client ID:	DUP-2_050324				
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	9
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

101 Benzo[a]anthracene, CAS: 56-55-3

Processing Results



RT	Mass	Response	Amount
10.71	228.00	3284	0.124443
10.71	229.00	966	
10.70	226.00	495	

Reviewer: QQ8R, 09-May-2024 08:54:50 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Edison

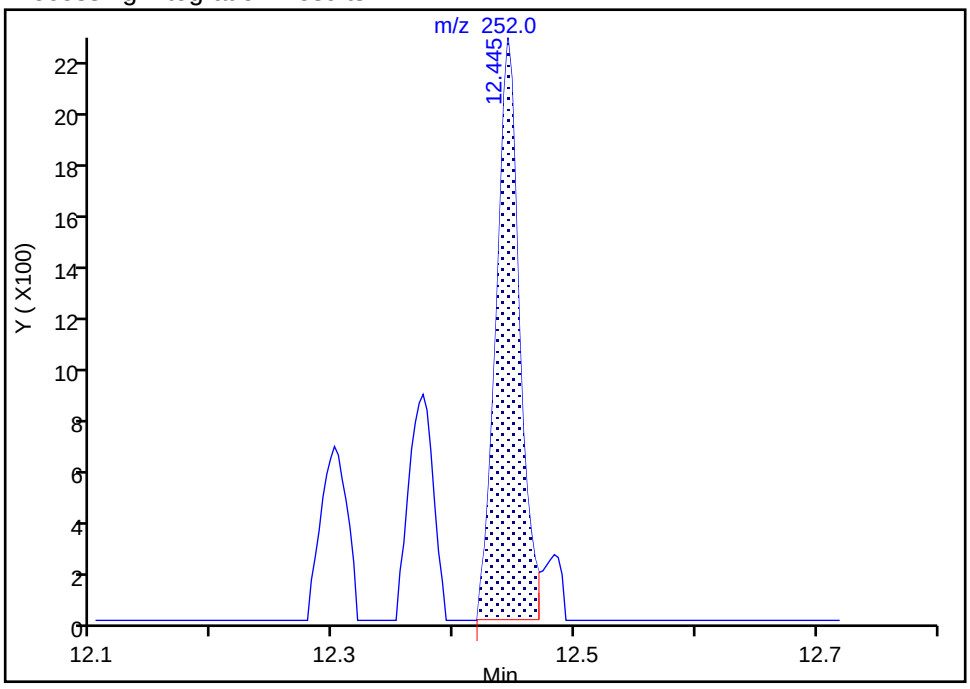
Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20240509-175638.b\Z85755.d				
Injection Date:	09-May-2024 08:33:30	Instrument ID:	CBNAMS11		
Lims ID:	460-303245-F-5-B	Lab Sample ID:	460-303245-5		
Client ID:	DUP-2_050324				
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	9
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

108 Benzo[a]pyrene, CAS: 50-32-8

Signal: 1

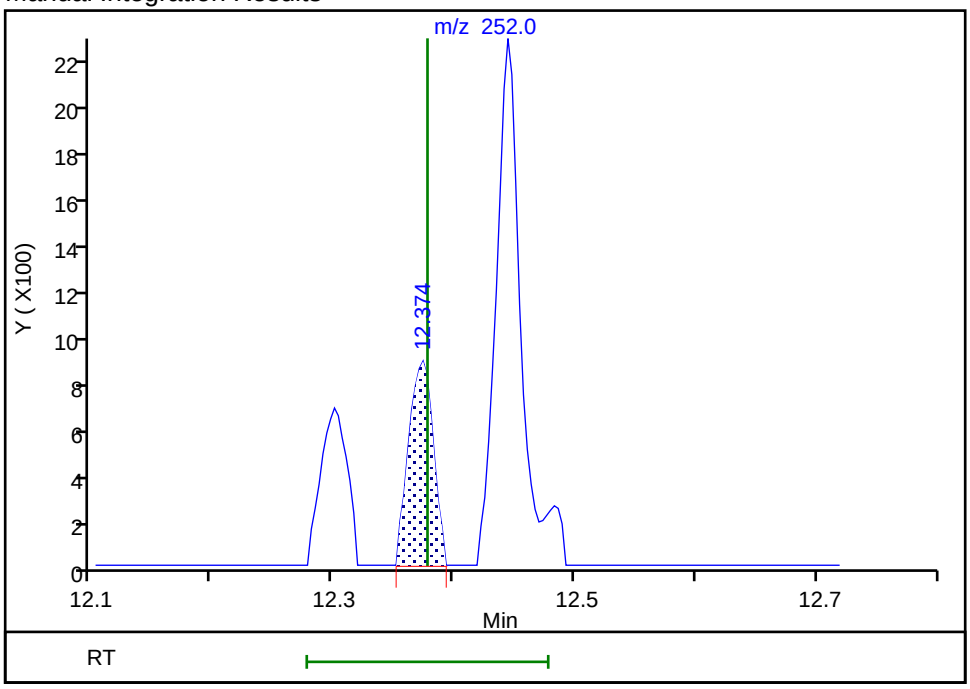
Processing Integration Results

RT: 12.44
Area: 3023
Amount: 0.140137
Amount Units: ug/ml



Manual Integration Results

RT: 12.37
Area: 1237
Amount: 0.057343
Amount Units: ug/ml



Reviewer: QQ8R, 09-May-2024 08:55:03 -04:00:00 (UTC)

Audit Action: Assigned Compound ID Audit Reason: Assign Peak

Eurofins Edison

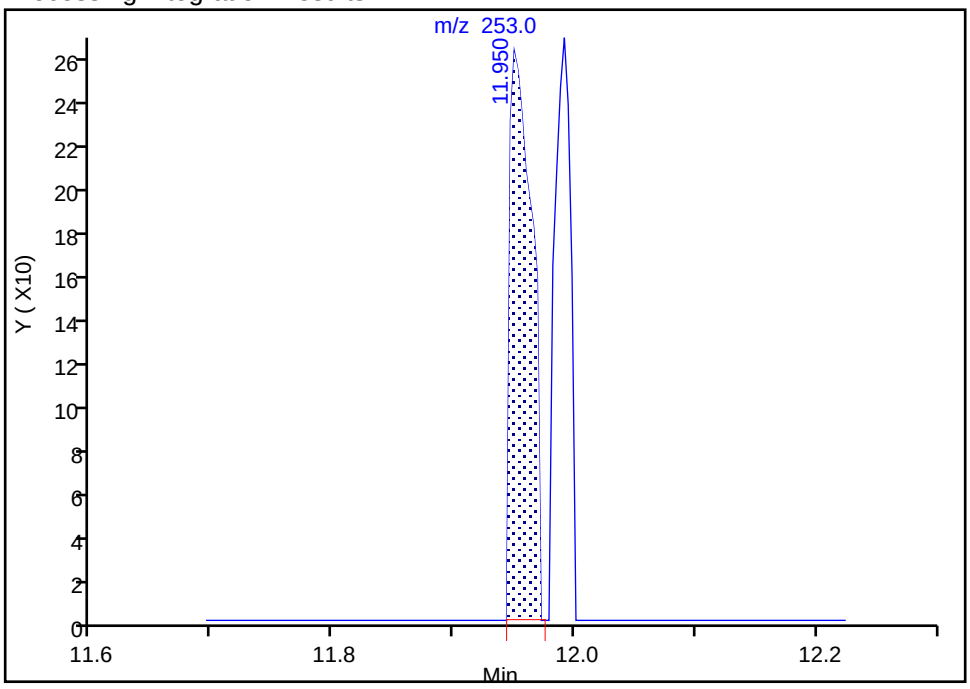
Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20240509-175638.b\Z85755.d				
Injection Date:	09-May-2024 08:33:30	Instrument ID:	CBNAMS11		
Lims ID:	460-303245-F-5-B	Lab Sample ID:	460-303245-5		
Client ID:	DUP-2_050324				
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	9
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

106 Benzo[b]fluoranthene, CAS: 205-99-2

Signal: 2

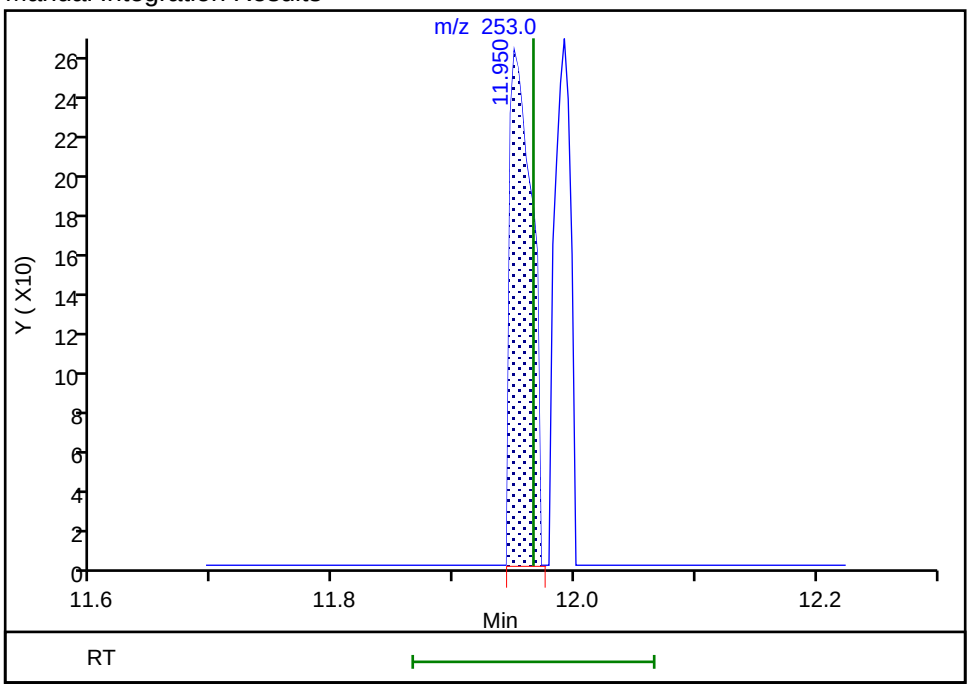
Processing Integration Results

RT: 11.95
Area: 321
Amount: 0.064931
Amount Units: ug/ml



Manual Integration Results

RT: 11.95
Area: 321
Amount: 0.064931
Amount Units: ug/ml



Reviewer: QQ8R, 09-May-2024 08:54:53 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Edison

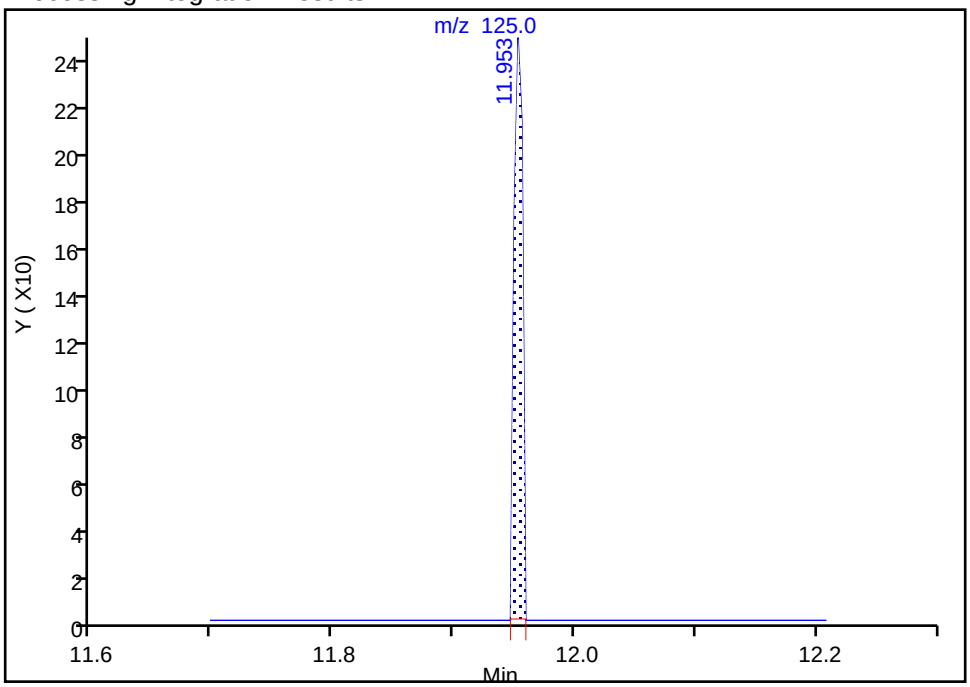
Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20240509-175638.b\Z85755.d				
Injection Date:	09-May-2024 08:33:30	Instrument ID:	CBNAMS11		
Lims ID:	460-303245-F-5-B	Lab Sample ID:	460-303245-5		
Client ID:	DUP-2_050324				
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	9
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

106 Benzo[b]fluoranthene, CAS: 205-99-2

Signal: 3

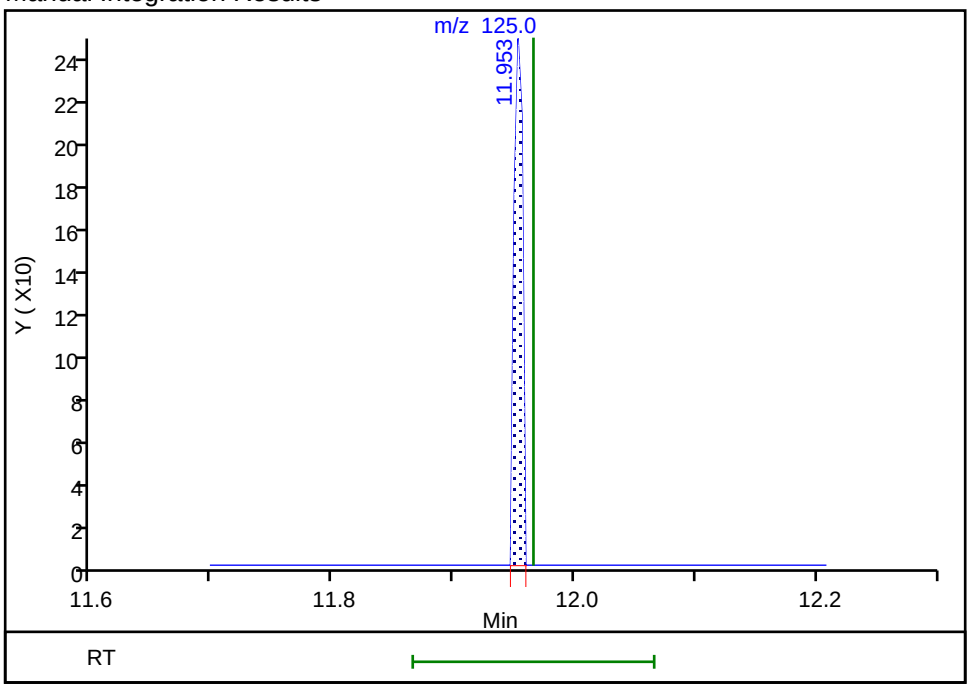
Processing Integration Results

RT: 11.95
Area: 118
Amount: 0.064931
Amount Units: ug/ml



Manual Integration Results

RT: 11.95
Area: 118
Amount: 0.064931
Amount Units: ug/ml



Reviewer: QQ8R, 09-May-2024 08:54:53 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Edison

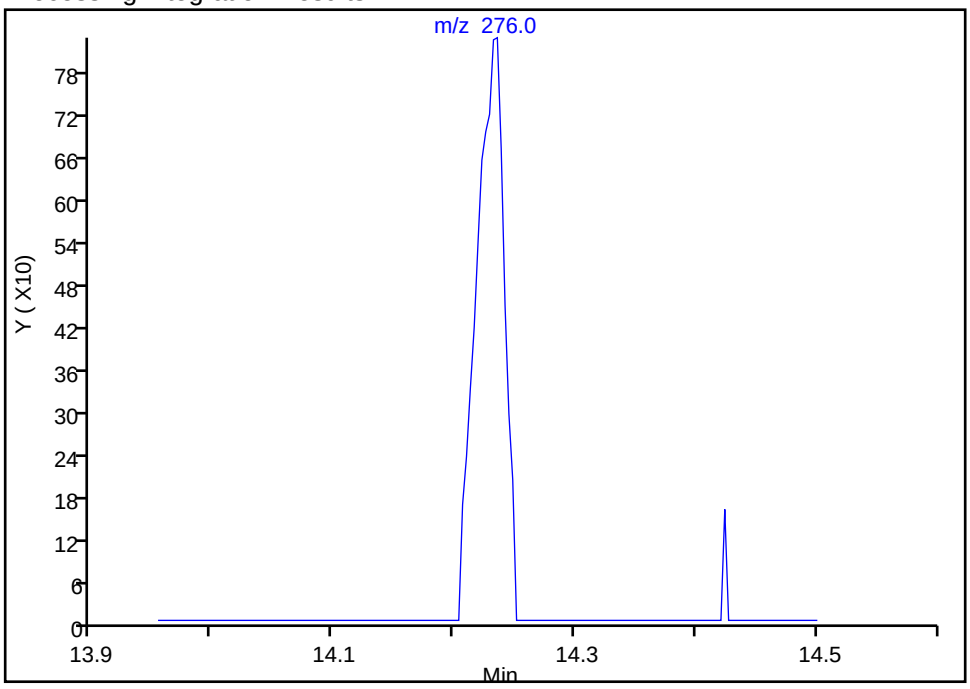
Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20240509-175638.b\Z85755.d				
Injection Date:	09-May-2024 08:33:30	Instrument ID:	CBNAMS11		
Lims ID:	460-303245-F-5-B	Lab Sample ID:	460-303245-5		
Client ID:	DUP-2_050324				
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	9
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

112 Benzo[g,h,i]perylene, CAS: 191-24-2

Signal: 1

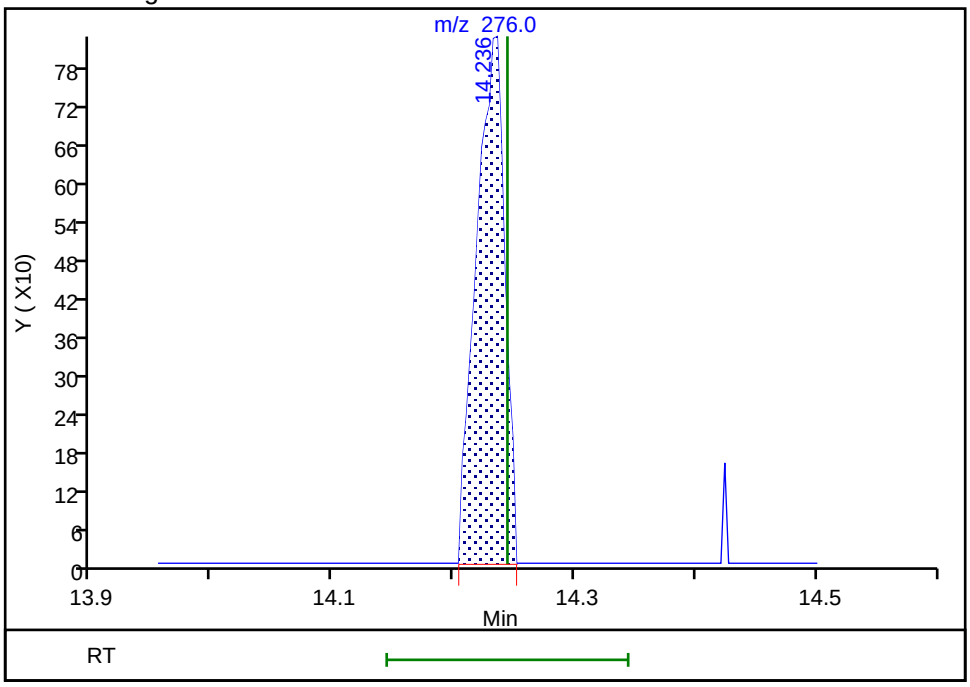
Not Detected
Expected RT: 14.24

Processing Integration Results



Manual Integration Results

RT: 14.24
Area: 1345
Amount: 0.059856
Amount Units: ug/ml



Reviewer: QQ8R, 09-May-2024 08:55:12 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Assign Peak

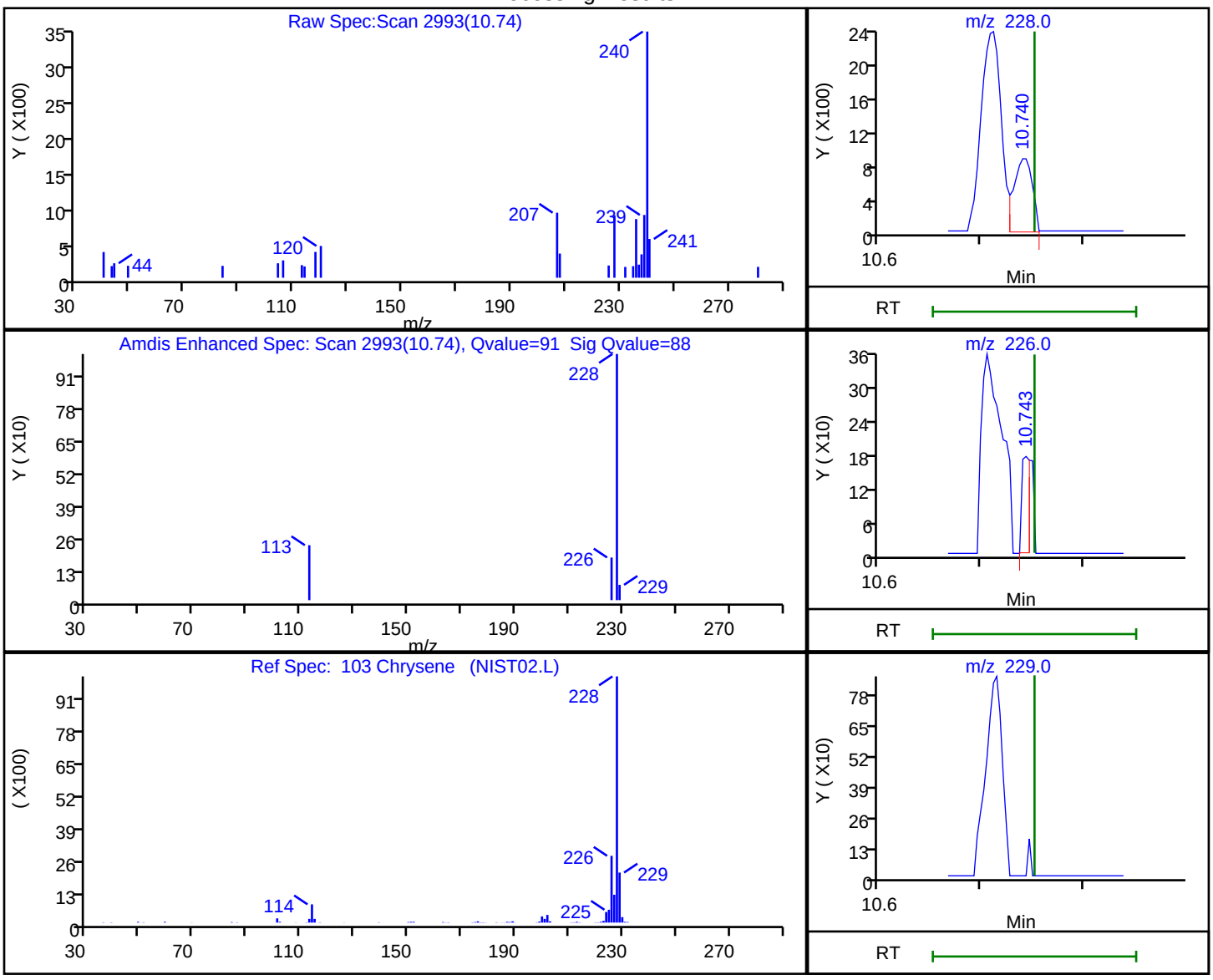
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20240509-175638.b\Z85755.d				
Injection Date:	09-May-2024 08:33:30	Instrument ID:	CBNAMS11		
Lims ID:	460-303245-F-5-B	Lab Sample ID:	460-303245-5		
Client ID:	DUP-2_050324				
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	9
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

103 Chrysene, CAS: 218-01-9

Processing Results



RT	Mass	Response	Amount
10.74	228.00	1088	0.043820
10.74	226.00	98	
10.74	229.00	0	

Reviewer: G4KC, 09-May-2024 09:00:05 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-303245-1

SDG No.:

Client Sample ID: FB-1_050324 | Lab Sample ID: 460-303245-6

Matrix: Water | Lab File ID: P85012.D

Analysis Method: 8270E | Date Collected: 05/03/2024 13:05

Extract. Method: 3510C | Date Extracted: 05/04/2024 11:38

Sample wt/vol: 250(mL) | Date Analyzed: 05/04/2024 23:51

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 973040 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-12-7	Anthracene	1.3	U	10	1.3
218-01-9	Chrysene	0.91	U	2.0	0.91
86-73-7	Fluorene	0.91	U	10	0.91
85-01-8	Phenanthrene	1.3	U	10	1.3
129-00-0	Pyrene	1.6	U	10	1.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	97		46-139
4165-60-0	Nitrobenzene-d5 (Surr)	96		51-145
1718-51-0	Terphenyl-d14 (Surr)	103		13-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20240504-175464.b\P85012.D
Lims ID: 460-303245-F-6-A
Client ID: FB-1_050324
Sample Type: Client
Inject. Date: 04-May-2024 23:51:30 ALS Bottle#: 28 Worklist Smp#: 28
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0175464-028
Operator ID: Instrument ID: CBNAMS18

Method: \\chromfs\Edison\ChromData\CBNAMS18\20240504-175464.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 05-May-2024 14:09:12 Calib Date: 17-Apr-2024 18:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20240417-174798.b\P84794.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1639

First Level Reviewer: U6BX Date: 05-May-2024 14:09:12

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 14 1,4-Dichlorobenzene-d4	152	3.813	3.814	-0.001	95	430317	8.00	
$ 28 Nitrobenzene-d5	82	4.362	4.364	-0.002	86	681408	9.62	
* 38 Naphthalene-d8	136	5.052	5.051	0.001	99	1665686	8.00	
$ 53 2-Fluorobiphenyl	172	6.099	6.103	-0.004	98	1568767	9.74	
* 64 Acenaphthene-d10	164	6.721	6.723	-0.002	95	876165	8.00	
* 88 Phenanthrene-d10	188	8.113	8.117	-0.004	98	1485828	8.00	
$ 97 Terphenyl-d14	244	9.640	9.639	0.001	97	1450195	10.3	
* 103 Chrysene-d12	240	10.633	10.636	-0.003	99	910755	8.00	
* 110 Perylene-d12	264	12.291	12.292	-0.001	99	939650	8.00	

QC Flag Legend
Processing Flags

Reagents:
SM_ISTD_LVI_00197 Amount Added: 20.00 Units: uL Run Reagent

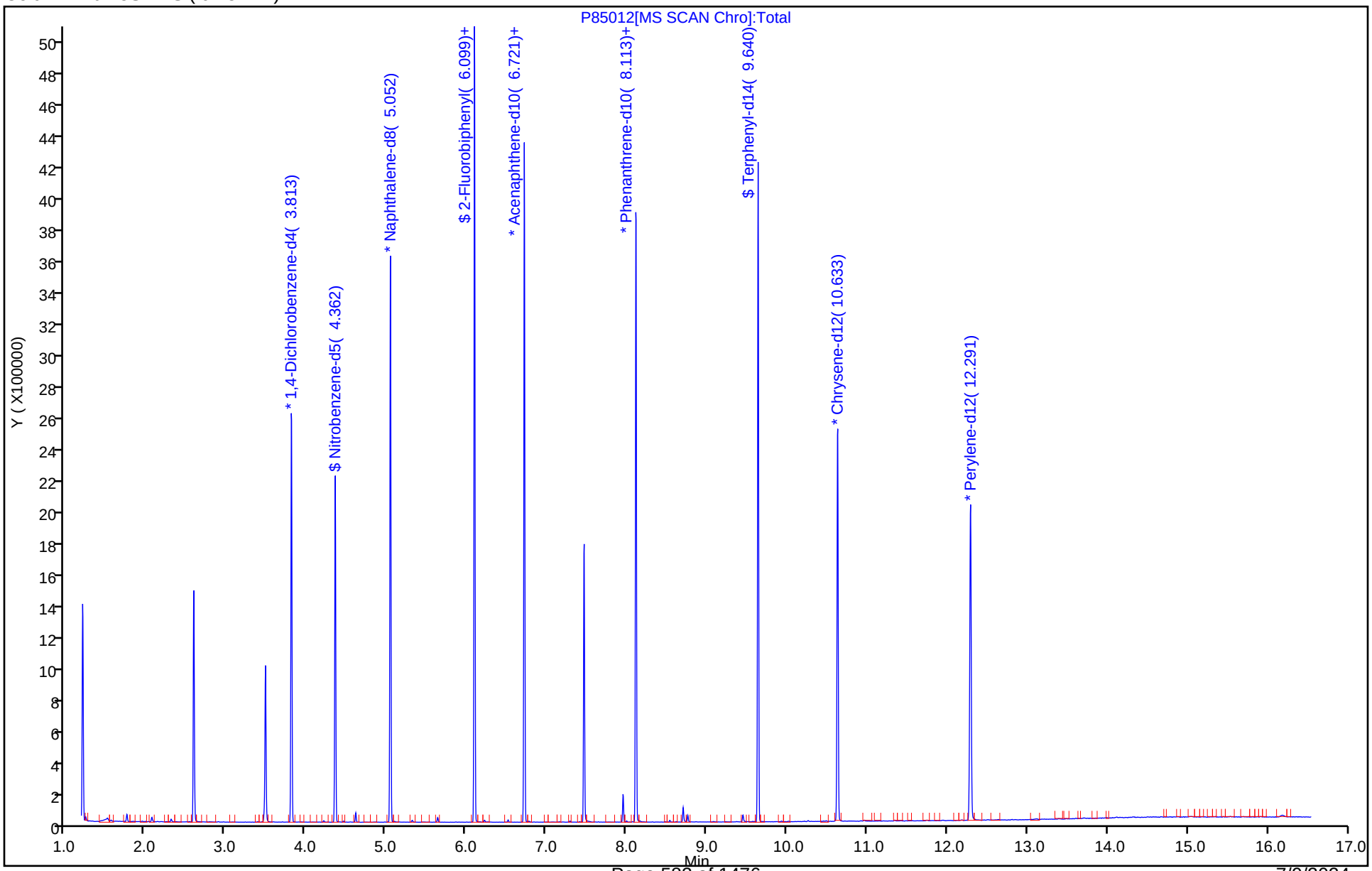
Report Date: 05-May-2024 14:09:12 Chrom Revision: 2.3 26-Apr-2024 12:18:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20240504-175464.b\P85012.D

Injection Date:	04-May-2024 23:51:30	Instrument ID:	CBNAMS18	Operator ID:	
Lims ID:	460-303245-F-6-A	Lab Sample ID:	460-303245-6	Worklist Smp#:	28
Client ID:	FB-1_050324				
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	28
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



7/9/2024
8:32:15 AM

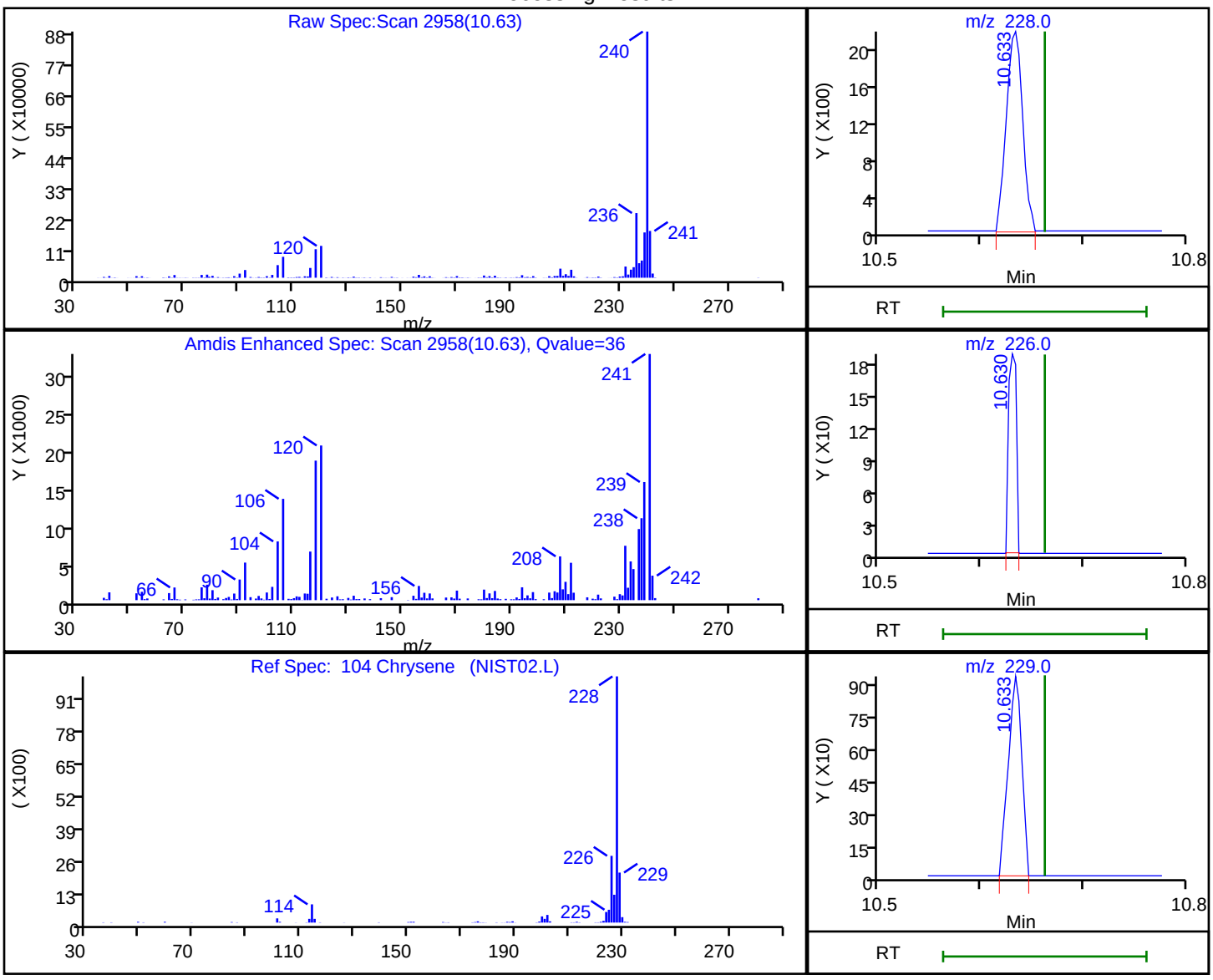
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240504-175464.b\P85012.D				
Injection Date:	04-May-2024 23:51:30	Instrument ID:	CBNAMS18		
Lims ID:	460-303245-F-6-A	Lab Sample ID:	460-303245-6		
Client ID:	FB-1_050324				
Operator ID:		ALS Bottle#:	28	Worklist Smp#:	28
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

104 Chrysene, CAS: 218-01-9

Processing Results



RT	Mass	Response	Amount
10.63	228.00	2398	0.017243
10.63	226.00	102	
10.63	229.00	867	

Reviewer: G4KC, 05-May-2024 10:29:34 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-303245-1 Analy Batch No.: 971611

SDG No.:

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/26/2024 06:16 Calibration End Date: 04/26/2024 09:15 Calibration ID: 96937

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD05 460-971611/10	Z85458.d
Level 2	STD1 460-971611/9	Z85457.d
Level 3	STD2 460-971611/8	Z85456.d
Level 4	STD5 460-971611/7	Z85455.d
Level 5	STD10 460-971611/6	Z85454.d
Level 6	STD20 460-971611/5	Z85453.d
Level 7	ICIS 460-971611/2	Z85450.d
Level 8	STD80 460-971611/4	Z85452.d
Level 9	STD120 460-971611/3	Z85451.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,4-Dioxane	0.5499 0.4637	0.5366 0.4859	0.4776 0.4591	0.4772 0.4948	0.4578	Ave		0.4892			0.0100	6.8		20.0			
N-Nitrosodimethylamine	0.7516	0.8097	0.7544	0.6519 0.7708	0.6767	Ave		0.7358			0.0100	8.1		20.0			
Pyridine	1.1225	1.0872 1.1564	0.9307 1.1611	1.0921 1.2063	1.0948	Ave		1.1064			0.0100	7.4		20.0			
Benzaldehyde	1.0576	0.9056 1.0170	0.9841 +++++	1.0193 +++++	1.0689	Ave		1.0088			0.0100	5.9		20.0			
Phenol	1.6555	1.7188	1.7388	1.5521 1.7871	1.6100	Ave		1.6771			0.8000	5.2		20.0			
Aniline	1.9625	1.9561	1.9096	1.8504 1.9461	1.8855	Ave		1.9184			0.0100	2.3		20.0			
Bis(2-chloroethyl)ether	1.2366 1.3449	1.3293 1.3013	1.3707 1.2557	1.3251 1.2952	1.3105	Ave		1.3077			0.7000	3.2		20.0			
2-Chlorophenol	1.4013	1.4124	1.3636	1.3448 1.3931	1.3931	Ave		1.3847			0.8000	1.8		20.0			
n-Decane	1.1872	1.2128	1.1142	1.1495 1.1478	1.1735	Ave		1.1642			0.0100	3.0		20.0			
1,3-Dichlorobenzene	1.5320	1.5092	1.4663	1.4998 1.4843	1.5057	Ave		1.4995			0.0100	1.5		20.0			
1,4-Dichlorobenzene	1.5833	1.5439	1.4803	1.5594 1.5195	1.5397	Ave		1.5377			0.0100	2.3		20.0			
Benzyl alcohol	0.8710	0.8983	0.8674	0.7704 0.8931	0.8538	Ave		0.8590			0.0100	5.4		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-303245-1 Analy Batch No.: 971611

SDG No.:

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/26/2024 06:16 Calibration End Date: 04/26/2024 09:15 Calibration ID: 96937

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,2-Dichlorobenzene	1.4820	1.4623	1.4001	1.4635 1.4314	1.4794	Ave		1.4531			0.0100	2.2		20.0			
2-Methylphenol	1.2055	1.2318	1.1677	1.1600 1.1965	1.2018	Ave		1.1939			0.7000	2.2		20.0			
2,2'-oxybis[1-chloropropane]	1.5822	1.6579	1.4800	1.5796 1.5239	1.5643	Ave		1.5646			0.0100	3.8		20.0			
N-Methylaniline	2.0293	2.1197	1.9990	2.0176 2.0663	2.0588	Ave		2.0485			0.0100	2.1		20.0			
Acetophenone	1.8897	1.9190	1.8002	1.8840 1.8356	1.8754	Ave		1.8673			0.0100	2.3		20.0			
N-Nitrosodi-n-propylamine	0.7627 0.9309	0.8587 0.9410	0.8582 0.8861	0.9097 0.9075	0.9087	Ave		0.8848			0.5000	6.1		20.0			
3 & 4 Methylphenol	1.3910	1.4249	1.2600	1.4184 1.2785	1.3630	Ave		1.3560			0.0100	5.2		20.0			
4-Methylphenol	1.3910	1.4249	1.2600	1.4184 1.2785	1.3630	Ave		1.3560			0.6000	5.2		20.0			
Hexachloroethane	0.5114 0.5455	0.5342 0.5328	0.5107 0.5250	0.5306 0.5425	0.5275	Ave		0.5289			0.3000	2.3		20.0			
n,n'-Dimethylaniline	1.8826 2.0520	2.0166 2.1250	2.1229 2.0346	2.0690 2.1115	2.0970	Ave		2.0568			0.0100	3.7		20.0			
Nitrobenzene	0.4877 0.6868	0.5806 0.7026	0.6236 0.6815	0.6817 0.6912	0.6818	Ave		0.6464			0.2000	11.0		20.0			
Isophorone	0.6345	0.6450	0.6313 0.6095	0.6078 0.6375	0.6312	Ave		0.6281			0.4000	2.2		20.0			
2-Nitrophenol	0.2020	0.2046	0.1987	0.1932 0.2061	0.1970	Ave		0.2003			0.1000	2.4		20.0			
2,4-Dimethylphenol	0.2651	0.2596	0.2570	0.2533 0.2682	0.2560	Ave		0.2599			0.2000	2.2		20.0			
Bis(2-chloroethoxy)methane	0.4146	0.4190	0.3966	0.4071 0.4116	0.4145	Ave		0.4106			0.3000	1.9		20.0			
Benzoic acid	0.2087	0.2413	0.2454	0.1148 0.2412	0.1603	Lin2	-0.709	0.2481			0.0100				0.9980		0.9900
2,4-Dichlorophenol	0.2967	0.3017	0.2519 0.2944	0.2864 0.3090	0.3016	Ave		0.2917			0.2000	6.5		20.0			
1,2,4-Trichlorobenzene	0.3013 0.3324	0.3321 0.3286	0.3238 0.3263	0.3335 0.3360	0.3372	Ave		0.3279			0.0100	3.3		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-303245-1 Analy Batch No.: 971611

SDG No.:

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/26/2024 06:16 Calibration End Date: 04/26/2024 09:15 Calibration ID: 96937

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Naphthalene	1.0574	1.0451	0.9859	1.0605 1.0095	1.0585	Ave		1.0362			0.7000	3.0		20.0			
2,6-Dichlorophenol	0.3048	0.3018	0.2747 0.2946	0.3006 0.3048	0.2981	Ave		0.2971				3.5		20.0			
4-Chloroaniline	0.4391	0.4396	0.4246	0.4314 0.4402	0.4312	Ave		0.4344			0.0100	1.4		20.0			
Hexachlorobutadiene	0.1917	0.1958 0.1874	0.1878 0.1866	0.1931 0.1934	0.1906	Ave		0.1908			0.0100	1.7		20.0			
Caprolactam	0.1012	0.0721 0.1069	0.0824 0.1272	0.0976 0.1379	0.0974	Lin1	-0.083	0.1236			0.0100	15.6					
4-Chloro-3-methylphenol	0.2832	0.2877	0.2718	0.2666 0.2885	0.2709	Ave		0.2781			0.2000	3.4		20.0			
2-Methylnaphthalene	0.7108	0.7004	0.6662	0.6954 0.6840	0.7032	Ave		0.6933			0.4000	2.3		20.0			
1-Methylnaphthalene	0.6439	0.6409	0.6109	0.6533 0.6303	0.6341	Ave		0.6356			0.0100	2.3		20.0			
Hexachlorocyclopentadiene	0.3559	0.3453	0.3695	0.3147 0.3798	0.3456	Ave		0.3518			0.0500	6.4		20.0			
1,2,4,5-Tetrachlorobenzene	0.6206	0.6003	0.6087	0.6101 0.6145	0.6139	Ave		0.6113			0.0100	1.1		20.0			
2-tertbutyl-4-methylphenol	0.4226	0.4314	0.4172	0.4153 0.4348	0.4294	Ave		0.4251			0.0100	1.9		20.0			
2,4,6-Trichlorophenol	0.4134	0.4068	0.3916 0.4073	0.3829 0.4211	0.3966	Ave		0.4028			0.2000	3.3		20.0			
2,4,5-Trichlorophenol	0.4592	0.4495	0.4484	0.4228 0.4616	0.4488	Ave		0.4484			0.2000	3.1		20.0			
1,1'-Biphenyl	1.5382	1.5164	1.4765	1.5079 1.4923	1.5143	Ave		1.5076			0.0100	1.4		20.0			
2-Chloronaphthalene	1.2217	1.1870	1.1691	1.1771 1.1854	1.1960	Ave		1.1894			0.8000	1.5		20.0			
Phenyl ether	0.8628	0.8597	0.8506	0.8822 0.8432	0.8966	Ave		0.8659			0.0100	2.3		20.0			
2-Nitroaniline	0.3119	0.3211	0.3087	0.2860 0.3199	0.3044	Ave		0.3087			0.0100	4.2		20.0			
1,3-Dimethylnaphthalene	0.9581	0.9658	0.9453	0.9702 0.9687	0.9731	Ave		0.9635			0.0100	1.1		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-303245-1 Analy Batch No.: 971611

SDG No.:

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/26/2024 06:16 Calibration End Date: 04/26/2024 09:15 Calibration ID: 96937

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Dimethyl phthalate	1.3735	1.3428	1.3023	1.3658 1.3424	1.3538	Ave		1.3468			0.0100	1.9		20.0			
Coumarin	0.2610	0.2691	0.2521	0.2599 0.2720	0.2592	Ave		0.2622			0.0100	2.8		20.0			
2,6-Dinitrotoluene	0.3225	0.2499 0.3159	0.3078 0.3104	0.3116 0.3209	0.3091	Ave		0.3060			0.2000	7.6		20.0			
Acenaphthylene	1.8636	1.8175	1.7674	1.8146 1.7960	1.8497	Ave		1.8181			0.9000	1.9		20.0			
3-Nitroaniline	0.3754	0.3846	0.3624	0.3780 0.3774	0.3623	Ave		0.3733			0.0100	2.4		20.0			
3,5-di-tert-butyl-4-hydroxytol	1.0192	1.0105	0.9832	1.0026 1.0429	1.0056	Ave		1.0107			0.0100	2.0		20.0			
Acenaphthene	1.1288	1.0963	1.0478	1.0935 1.0771	1.1109	Ave		1.0924			0.9000	2.6		20.0			
2,4-Dinitrophenol	0.1818	0.2008	0.0429 0.2126	0.1035 0.2250	0.1399	Lin1	-0.970	0.2198			0.0100	15.8					
4-Nitrophenol	0.2113	0.2136	0.2112	0.1728 0.2269	0.1968	Ave		0.2054			0.0100	9.1		20.0			
Dibenzofuran	1.7398	1.7015	1.6498	1.7702 1.6816	1.7189	Ave		1.7103			0.8000	2.5		20.0			
2,4-Dinitrotoluene	0.4398	0.3448 0.4310	0.3703 0.4163	0.4087 0.4319	0.4110	Ave		0.4067			0.2000	8.1		20.0			
2,3,4,6-Tetrachlorophenol	0.3822	0.3758	0.3716	0.3633 0.3894	0.3737	Ave		0.3760			0.0100	2.4		20.0			
Diethyl phthalate	1.3115	1.3117	1.2919	1.3886 1.2897	1.2879	Ave		1.3135			0.0100	2.9		20.0			
Fluorene	1.3631	1.3674	1.3084	1.3482 1.3436	1.3648	Ave		1.3492			0.9000	1.6		20.0			
4-Chlorophenyl phenyl ether	0.6690	0.6598	0.6405	0.6584 0.6532	0.6572	Ave		0.6563			0.4000	1.4		20.0			
4-Nitroaniline	0.3557	0.3545	0.3458	0.3358 0.3602	0.3300	Ave		0.3470			0.0100	3.5		20.0			
4,6-Dinitro-2-methylphenol	0.1440	0.1504	0.0934 0.1466	0.1256 0.1548	0.1338	Ave		0.1355			0.0100	15.6		20.0			
N-Nitrosodiphenylamine	0.5166	0.5188	0.4990	0.5133 0.5206	0.5134	Ave		0.5136			0.0100	1.5		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-303245-1 Analy Batch No.: 971611

SDG No.:

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/26/2024 06:16 Calibration End Date: 04/26/2024 09:15 Calibration ID: 96937

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,2-Diphenylhydrazine	0.6549	0.6726	0.6322	0.6262 0.6558	0.6401	Ave		0.6470			0.0100	2.7		20.0			
Azobenzene	0.6559	0.6726	0.6316	0.6221 0.6555	0.6371	Ave		0.6458				2.9		20.0			
4-Bromophenyl phenyl ether	0.2256	0.2260	0.2225	0.2273 0.2317	0.2167	Ave		0.2250			0.1000	2.2		20.0			
Hexachlorobenzene	0.2561 0.2945	0.2956 0.2924	0.3034 0.2908	0.2911 0.3036	0.2877	Ave		0.2906			0.1000	4.8		20.0			
Atrazine	0.2081	0.1726 0.2179	0.2000 0.2147	0.1974 0.2189	0.1998	Ave		0.2037			0.0100	7.4		20.0			
Pentachlorophenol	0.1883	0.1926	0.1441 0.1919	0.1691 0.2016	0.1768	Ave		0.1806			0.0500	10.7		20.0			
Pentachloronitrobenzene	0.0884	0.0919	0.0899	0.0856 0.0963	0.0886	Ave		0.0901			0.0100	4.0		20.0			
n-Octadecane	0.4125	0.4401	0.4007	0.3978 0.4127	0.4120	Ave		0.4126			0.0100	3.6		20.0			
Phenanthrene	1.0301	1.0330	0.9738	1.0385 1.0170	1.0274	Ave		1.0200			0.7000	2.3		20.0			
Anthracene	1.0645	1.0629	1.0129	1.0725 1.0556	1.0454	Ave		1.0523			0.7000	2.0		20.0			
Carbazole	0.9778	0.9858	0.9297	0.9654 0.9717	0.9478	Ave		0.9630			0.0100	2.2		20.0			
Di-n-butyl phthalate	1.1635	1.1933	1.0374 1.1273	1.0965 1.1757	1.1053	Ave		1.1284			0.0100	4.8		20.0			
Fluoranthene	1.1325	1.1241	1.0629	1.0939 1.1195	1.1091	Ave		1.1070			0.6000	2.3		20.0			
Benzidine	0.6128	0.6590	0.6095	0.6053 0.5556	0.5919	Ave		0.6057			0.0100	5.5		20.0			
Pyrene	1.3792	1.3454	1.3191	1.3817 1.3694	1.3953	Ave		1.3650			0.6000	2.0		20.0			
Bisphenol-A	0.5562	0.5697	0.5903	0.4613 0.6206	0.5306	Ave		0.5548				9.9		20.0			
Butyl benzyl phthalate	0.5710	0.5832	0.5749	0.5085 0.6005	0.5409	Ave		0.5632			0.0100	5.9		20.0			
2,3,7,8-TCDD		0.2301				Ave		0.2301			0.0100			20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-303245-1 Analy Batch No.: 971611

SDG No.:

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/26/2024 06:16 Calibration End Date: 04/26/2024 09:15 Calibration ID: 96937

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Carbamazepine	0.4530	0.4939	0.5148	0.3309 0.5499	0.3969	Ave		0.4565			0.0100	17.8		20.0			
Benzo[a]anthracene	1.3705 1.3100	1.3657 1.3030	1.3057 1.2875	1.2752 1.3458	1.2812	Ave		1.3161			0.8000	2.7		20.0			
3,3'-Dichlorobenzidine	0.5357	0.5476	0.4598 0.5632	0.5095 0.5397	0.5353	Ave		0.5272			0.0100	6.4		20.0			
Chrysene	1.2487	1.2222	1.1993	1.2610 1.2571	1.2409	Ave		1.2382			0.7000	1.9		20.0			
Bis(2-ethylhexyl) phthalate	0.8072	0.8292	0.8187	0.7325 0.8594	0.7682	Ave		0.8025			0.0100	5.7		20.0			
Di-n-octyl phthalate	1.1389	1.2089	1.1915	0.9551 1.2497	1.0607	Ave		1.1341			0.0100	9.6		20.0			
Benzo[b]fluoranthene	0.9529 1.0991	1.0184 1.1544	1.0153 1.1388	1.0291 1.2156	1.0993	Ave		1.0803			0.7000	7.7		20.0			
Benzo[k]fluoranthene	1.1019 1.2013	1.1157 1.1613	1.1702 1.1352	1.1635 1.1567	1.1650	Ave		1.1523			0.7000	2.6		20.0			
Benzo[a]pyrene	0.9024 1.0554	0.9491 1.0745	0.9736 1.0539	0.9836 1.0971	1.0260	Ave		1.0128			0.7000	6.4		20.0			
Indeno[1,2,3-cd]pyrene	0.8543 1.1577	0.9407 1.2112	0.9839 1.2263	1.0686 1.2873	1.1007	Ave		1.0923			0.5000	13.2		20.0			
Dibenz(a,h)anthracene	0.9793 1.1390	1.0335 1.2242	1.0427 1.2065	1.0808 1.2526	1.1231	Ave		1.1202			0.4000	8.4		20.0			
Benzo[g,h,i]perylene	0.9695 1.0900	0.9897 1.1254	0.9864 1.1051	1.0328 1.1338	1.0626	Ave		1.0550			0.5000	6.0		20.0			
2-Fluorophenol (Surr)	1.3077	0.9472 1.3596	1.1451 1.4056	1.2171 1.3905	1.2786	Ave		1.2564			0.0100	12.2		20.0			
Phenol-d5 (Surr)	1.1965 1.6761	1.4520 1.8139	1.5463 1.7835	1.6439 1.7788	1.6575	Ave		1.6165			0.0100	12.1		20.0			
Nitrobenzene-d5 (Surr)	0.2905 0.3666	0.3286 0.3884	0.3424 0.3832	0.3484 0.3855	0.3636	Ave		0.3552			0.0100	9.0		20.0			
2-Fluorobiphenyl	1.3943 1.4759	1.4240 1.4983	1.5230 1.5263	1.5029 1.4973	1.4974	Ave		1.4821			0.0100	3.0		20.0			
2,4,6-Tribromophenol (Surr)	0.3452	0.3068 0.3584	0.2992 0.3763	0.3329 0.3797	0.3363	Ave		0.3419			0.0100	8.6		20.0			
Terphenyl-d14 (Surr)	1.0263 1.2011	1.1049 1.2299	1.1977 1.2757	1.1921 1.2757	1.2015	Ave		1.1894			0.0100	6.7		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-303245-1 | Analy Batch No.: 971611

SDG No.:

Instrument ID: CBNAMS11 | GC Column: Rtxi-5Sil | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 04/26/2024 06:16 | Calibration End Date: 04/26/2024 09:15 | Calibration ID: 96937

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD05 460-971611/10	Z85458.d
Level 2	STD1 460-971611/9	Z85457.d
Level 3	STD2 460-971611/8	Z85456.d
Level 4	STD5 460-971611/7	Z85455.d
Level 5	STD10 460-971611/6	Z85454.d
Level 6	STD20 460-971611/5	Z85453.d
Level 7	ICIS 460-971611/2	Z85450.d
Level 8	STD80 460-971611/4	Z85452.d
Level 9	STD120 460-971611/3	Z85451.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,4-Dioxane	DCBd4	Ave	1644 61668	3317 164500	5889 272454	15199 392856	30878	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
N-Nitrosodimethylamine	DCBd4	Ave	 99947	 274122	 447701	20761 611955	45647	 20.0	 50.0	 80.0	5.00 120	10.0
Pyridine	DCBd4	Ave	 298553	13440 783033	22950 1378075	69563 1915426	147697	 40.0	2.00 100	4.00 160	10.0 240	20.0
Benzaldehyde	DCBd4	Ave	 112518	5598 137729	12133 +++++	32462 +++++	72102	 16.0	1.00 20.0	2.00 +++++	5.00 +++++	10.0
Phenol	DCBd4	Ave	 220153	 581915	 1031882	49432 1418787	108598	 20.0	 50.0	 80.0	5.00 120	10.0
Aniline	DCBd4	Ave	 260982	 662242	 1133259	58934 1545000	127178	 20.0	 50.0	 80.0	5.00 120	10.0
Bis(2-chloroethyl)ether	DCBd4	Ave	3697 178849	8217 440577	16900 745227	42202 1028264	88394	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
2-Chlorophenol	DCBd4	Ave	 186343	 478169	 809228	42830 1105982	93970	 20.0	 50.0	 80.0	5.00 120	10.0
n-Decane	DCBd4	Ave	 157875	 410593	 661244	36611 911210	79154	 20.0	 50.0	 80.0	5.00 120	10.0
1,3-Dichlorobenzene	DCBd4	Ave	 203734	 510939	 870195	47765 1178369	101561	 20.0	 50.0	 80.0	5.00 120	10.0
1,4-Dichlorobenzene	DCBd4	Ave	 210546	 522698	 878519	49664 1206296	103856	 20.0	 50.0	 80.0	5.00 120	10.0
Benzyl alcohol	DCBd4	Ave	 115826	 304143	 514790	24536 709021	57592	 20.0	 50.0	 80.0	5.00 120	10.0
1,2-Dichlorobenzene	DCBd4	Ave	 197078	 495082	 830905	46611 1136377	99786	 20.0	 50.0	 80.0	5.00 120	10.0
2-Methylphenol	DCBd4	Ave	 160311	 417038	 692966	36943 949867	81067	 20.0	 50.0	 80.0	5.00 120	10.0
2,2'-oxybis[1-chloropropane]	DCBd4	Ave				50309	105514				5.00	10.0

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-303245-1 | Analy Batch No.: 971611

SDG No.:

Instrument ID: CBNAMS11 | GC Column: Rtxi-5Sil | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 04/26/2024 06:16 | Calibration End Date: 04/26/2024 09:15 | Calibration ID: 96937

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			210400	561285	878324	1209820		20.0	50.0	80.0	120	
N-Methylaniline	DCBd4	Ave	269862	717629	1186331	64258 1640456	138869	20.0	50.0	80.0	5.00 120	10.0
Acetophenone	DCBd4	Ave	251298	649689	1068321	60003 1457242	126498	20.0	50.0	80.0	5.00 120	10.0
N-Nitrosodi-n-propylamine	DCBd4	Ave	2280 123791	5308 318577	10581 525844	28974 720442	61295	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
3 & 4 Methylphenol	DCBd4	Ave	184983	482425	747777	45175 1014977	91940	20.0	50.0	80.0	5.00 120	10.0
4-Methylphenol	DCBd4	Ave	184983	482425	747777	45175 1014977	91940	20.0	50.0	80.0	5.00 120	10.0
Hexachloroethane	DCBd4	Ave	1529 72540	3302 180394	6296 311582	16899 430663	35583	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
n,n'-Dimethylaniline	DCBd4	Ave	5628 272872	12465 719430	26174 1207476	65895 1676329	141449	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Nitrobenzene	DCBd4	Ave	1458 91333	3589 237884	7688 404444	21711 548763	45988	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Isophorone	NPT	Ave	320254	841108	30066 1383454	74469 1924134	162266	20.0	50.0	2.00 80.0	5.00 120	10.0
2-Nitrophenol	NPT	Ave	101966	266744	451107	23669 621950	50642	20.0	50.0	80.0	5.00 120	10.0
2,4-Dimethylphenol	NPT	Ave	133795	338575	583350	31031 809629	65822	20.0	50.0	80.0	5.00 120	10.0
Bis(2-chloroethoxy)methane	NPT	Ave	209259	546364	900292	49883 1242321	106546	20.0	50.0	80.0	5.00 120	10.0
Benzoic acid	NPT	Lin2	105351	314722	557110	14065 727906	41204	20.0	50.0	80.0	5.00 120	10.0
2,4-Dichlorophenol	NPT	Ave	149759	393453	11995 668222	35092 932762	77530	20.0	50.0	2.00 80.0	5.00 120	10.0
1,2,4-Trichlorobenzene	NPT	Ave	3461 167797	7831 428470	15421 740626	40857 1014204	86678	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Naphthalene	NPT	Ave	533725	1362853	2237808	129937 3047124	272104	20.0	50.0	80.0	5.00 120	10.0
2,6-Dichlorophenol	NPT	Ave	153839	393598	13083 668772	36824 919896	76635	20.0	50.0	2.00 80.0	5.00 120	10.0
4-Chloroaniline	NPT	Ave	221628	573222	963912	52857 1328663	110852	20.0	50.0	80.0	5.00 120	10.0
Hexachlorobutadiene	NPT	Ave	96751	4618 244405	8945 423638	23661 583858	48987	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Caprolactam	NPT	Lin1	40845	1701 55754	3923 86639	11959 111033	25048	16.0	1.00 20.0	2.00 24.0	5.00 32.0	10.0

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-303245-1 | Analy Batch No.: 971611

SDG No.:

Instrument ID: CBNAMS11 | GC Column: Rtxi-5Sil | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 04/26/2024 06:16 | Calibration End Date: 04/26/2024 09:15 | Calibration ID: 96937

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
4-Chloro-3-methylphenol	NPT	Ave	142949	375147	616894	32658 870696	69639	20.0	50.0	80.0	5.00 120	10.0
2-Methylnaphthalene	NPT	Ave	358753	913359	1512151	85199 2064610	180782	20.0	50.0	80.0	5.00 120	10.0
1-Methylnaphthalene	NPT	Ave	324985	835692	1386787	80045 1902371	162995	20.0	50.0	80.0	5.00 120	10.0
Hexachlorocyclopentadiene	ANT	Ave	98432	252400	457996	21774 634746	49414	20.0	50.0	80.0	5.00 120	10.0
1,2,4,5-Tetrachlorobenzene	ANT	Ave	171607	438789	754464	42206 1027117	87764	20.0	50.0	80.0	5.00 120	10.0
2-tertbutyl-4-methylphenol	NPT	Ave	213286	562511	946991	50877 1312512	110392	20.0	50.0	80.0	5.00 120	10.0
2,4,6-Trichlorophenol	ANT	Ave	114332	297349	10248 504856	26490 703859	56695	20.0	50.0	2.00 80.0	5.00 120	10.0
2,4,5-Trichlorophenol	ANT	Ave	126996	328576	555688	29252 771500	64156	20.0	50.0	80.0	5.00 120	10.0
1,1'-Biphenyl	ANT	Ave	425384	1108520	1829959	104317 2494200	216489	20.0	50.0	80.0	5.00 120	10.0
2-Chloronaphthalene	ANT	Ave	337854	867668	1448970	81431 1981331	170981	20.0	50.0	80.0	5.00 120	10.0
Phenyl ether	ANT	Ave	238611	628474	1054186	61035 1409299	128182	20.0	50.0	80.0	5.00 120	10.0
2-Nitroaniline	ANT	Ave	86242	234705	382554	19787 534718	43515	20.0	50.0	80.0	5.00 120	10.0
1,3-Dimethylnaphthalene	ANT	Ave	264964	706004	1171569	67122 1619072	139119	20.0	50.0	80.0	5.00 120	10.0
Dimethyl phthalate	ANT	Ave	379830	981570	1614045	94488 2243743	193546	20.0	50.0	80.0	5.00 120	10.0
Coumarin	NPT	Ave	131726	350889	572193	31843 820946	66635	20.0	50.0	80.0	5.00 120	10.0
2,6-Dinitrotoluene	ANT	Ave	89195	3276 230931	8055 384653	21557 536292	44186	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Acenaphthylene	ANT	Ave	515346	1328591	2190434	125536 3001824	264440	20.0	50.0	80.0	5.00 120	10.0
3-Nitroaniline	ANT	Ave	103814	281157	449108	26148 630794	51800	20.0	50.0	80.0	5.00 120	10.0
3,5-di-tert-butyl-4-hydroxytol	ANT	Ave	281841	738712	1218574	69360 1743169	143767	20.0	50.0	80.0	5.00 120	10.0
Acenaphthene	ANT	Ave	312162	801386	1298616	75653 1800253	158811	20.0	50.0	80.0	5.00 120	10.0
2,4-Dinitrophenol	ANT	Lin1			2243	14324	40005			4.00	10.0	20.0

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-303245-1 | Analy Batch No.: 971611

SDG No.:

Instrument ID: CBNAMS11 | GC Column: Rtxi-5Sil | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 04/26/2024 06:16 | Calibration End Date: 04/26/2024 09:15 | Calibration ID: 96937

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			100541	293555	527086	752193		40.0	100	160	240	
4-Nitrophenol	ANT	Ave	116863	312297	523626	23910 758404	56258	40.0	100	160	10.0 240	20.0
Dibenzofuran	ANT	Ave	481125	1243802	2044710	122464 2810651	245736	20.0	50.0	80.0	5.00 120	10.0
2,4-Dinitrotoluene	ANT	Ave	121630	4519 315071	9690 515986	28275 721962	58762	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
2,3,4,6-Tetrachlorophenol	ANT	Ave	105680	274715	460540	25131 650833	53421	20.0	50.0	80.0	5.00 120	10.0
Diethyl phthalate	ANT	Ave	362682	958838	1601199	96062 2155568	184113	20.0	50.0	80.0	5.00 120	10.0
Fluorene	ANT	Ave	376937	999568	1621583	93269 2245675	195115	20.0	50.0	80.0	5.00 120	10.0
4-Chlorophenyl phenyl ether	ANT	Ave	185012	482305	793759	45548 1091698	93956	20.0	50.0	80.0	5.00 120	10.0
4-Nitroaniline	ANT	Ave	98369	259123	428633	23231 602113	47174	20.0	50.0	80.0	5.00 120	10.0
4,6-Dinitro-2-methylphenol	PHN	Ave	152885	416206	9389 691648	33722 981626	73409	40.0	100	4.00 160	10.0 240	20.0
N-Nitrosodiphenylamine	PHN	Ave	274183	717882	1177053	68888 1650339	140827	20.0	50.0	80.0	5.00 120	10.0
1,2-Diphenylhydrazine	PHN	Ave	347591	930771	1491161	84038 2078787	175573	20.0	50.0	80.0	5.00 120	10.0
Azobenzene	PHN	Ave	348152	930699	1489845	83498 2077747	174754	20.0	50.0	80.0	5.00 120	10.0
4-Bromophenyl phenyl ether	PHN	Ave	119766	312731	524751	30506 734415	59433	20.0	50.0	80.0	5.00 120	10.0
Hexachlorobenzene	PHN	Ave	3224 156310	7532 404587	15256 685834	39064 962339	78903	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Atrazine	PHN	Ave	88352	4399 120594	10057 151945	26487 185074	54813	16.0	1.00 20.0	2.00 24.0	5.00 32.0	10.0
Pentachlorophenol	PHN	Ave	199919	533054	14495 905154	45382 1277984	96980	40.0	100	4.00 160	10.0 240	20.0
Pentachloronitrobenzene	PHN	Ave	46926	127152	212053	11495 305178	24297	20.0	50.0	80.0	5.00 120	10.0
n-Octadecane	PHN	Ave	218955	608976	945100	53383 1308334	113011	20.0	50.0	80.0	5.00 120	10.0
Phenanthrene	PHN	Ave	546736	1429433	2296989	139386 3223698	281801	20.0	50.0	80.0	5.00 120	10.0
Anthracene	PHN	Ave	564995	1470796	2389063	143940 3346089	286732	20.0	50.0	80.0	5.00 120	10.0

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-303245-1 | Analy Batch No.: 971611

SDG No.:

Instrument ID: CBNAMS11 | GC Column: Rtxi-5Sil | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 04/26/2024 06:16 | Calibration End Date: 04/26/2024 09:15 | Calibration ID: 96937

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Carbazole	PHN	Ave	519010	1364101	2192956	129571 3080163	259954	20.0	50.0	80.0	5.00 120	10.0
Di-n-butyl phthalate	PHN	Ave	617546	1651246	52164 2658982	147159 3726905	303156	20.0	50.0	2.00 80.0	5.00 120	10.0
Fluoranthene	PHN	Ave	601136	1555494	2507167	146813 3548653	304207	20.0	50.0	80.0	5.00 120	10.0
Benzidine	PHN	Ave	325282	911887	1437523	81239 1761113	162352	20.0	50.0	80.0	5.00 120	10.0
Pyrene	CRY	Ave	623847	1605286	2586060	156214 3641455	319111	20.0	50.0	80.0	5.00 120	10.0
Bisphenol-A	CRY	Ave	251587	679741	1157180	52154 1650328	121354	20.0	50.0	80.0	5.00 120	10.0
Butyl benzyl phthalate	CRY	Ave	258256	695886	1127050	57490 1596969	123700	20.0	50.0	80.0	5.00 120	10.0
2,3,7,8-TCDD	CRY	Ave		2746					0.500			
Carbamazepine	CRY	Ave	204912	589294	1009146	37405 1462218	90777	20.0	50.0	80.0	5.00 120	10.0
Benzo[a]anthracene	CRY	Ave	14546 592559	29169 1554768	56199 2524014	144171 3578670	293008	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
3,3'-Dichlorobenzidine	CRY	Ave	242300	653349	19790 1104153	57603 1435067	122427	20.0	50.0	2.00 80.0	5.00 120	10.0
Chrysene	CRY	Ave	564821	1458387	2351038	142567 3343014	283808	20.0	50.0	80.0	5.00 120	10.0
Bis(2-ethylhexyl) phthalate	CRY	Ave	365132	989362	1604933	82818 2285286	175696	20.0	50.0	80.0	5.00 120	10.0
Di-n-octyl phthalate	PRY	Ave	593385	1652247	2691799	125519 3866010	277296	20.0	50.0	80.0	5.00 120	10.0
Benzo[b]fluoranthene	PRY	Ave	11696 572652	25180 1577697	51013 2572624	135249 3760739	287395	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Benzo[k]fluoranthene	PRY	Ave	13525 625904	27584 1587122	58795 2564528	152908 3578408	304566	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Benzo[a]pyrene	PRY	Ave	11076 549893	23467 1468572	48915 2380766	129273 3394041	268214	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Indeno[1,2,3-cd]pyrene	PRY	Ave	10485 603188	23258 1655317	49433 2770321	140435 3982372	287758	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Dibenz(a,h)anthracene	PRY	Ave	12020 593465	25552 1673116	52391 2725646	142045 3875180	293619	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Benzo[g,h,i]perylene	PRY	Ave	11900 567906	24469 1538079	49563 2496637	135739 3507509	277793	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
2-Fluorophenol (Surr)	DCBd4	Ave		5855	14118	38762	86245		1.00	2.00	5.00	10.0

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-303245-1 Analy Batch No.: 971611

SDG No.:

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/26/2024 06:16 Calibration End Date: 04/26/2024 09:15 Calibration ID: 96937

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			173902	460294	834144	1103880		20.0	50.0	80.0	120	
Phenol-d5 (Surr)	DCBd4	Ave	3577 222896	8975 614099	19065 1058458	52357 1412184	111799	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Nitrobenzene-d5 (Surr)	NPT	Ave	3337 185054	7748 506509	16308 869825	42690 1163464	93470	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
2-Fluorobiphenyl	ANT	Ave	8875 408145	18666 1095229	39854 1891637	103970 2502546	214075	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
2,4,6-Tribromophenol (Surr)	ANT	Ave	 95472	4022 261959	7830 466396	23030 634617	48084	 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Terphenyl-d14 (Surr)	CRY	Ave	10892 543266	23599 1467534	51552 2500940	134773 3392369	274800	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0

Curve Type Legend:

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD
Lin2 = Linear 1/conc^2 ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20240426-175162.b\Z85450.d
Lims ID: ICIS
Client ID:
Sample Type: ICIS Calib Level: 7
Inject. Date: 26-Apr-2024 06:16:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0175162-002
Operator ID: Instrument ID: CBNAMS11
Sublist: chrom-8270_11R_9*sub51

Method: \\chromfs\Edison\ChromData\CBNAMS11\20240426-175162.b\8270_11R_9.m
Limit Group: SV 8270E ICAL
Last Update: 26-Apr-2024 09:57:11 Calib Date: 26-Apr-2024 09:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS11\20240426-175162.b\Z85458.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1646

First Level Reviewer: G4KC Date: 26-Apr-2024 06:39:49

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.331	1.331	0.000	92	164500	50.0	49.7	
	2 N-Nitrosodimethylamine	74	1.545	1.545	0.000	96	274122	50.0	55.0	
	3 Pyridine	79	1.555	1.555	0.000	96	783033	100.0	104.5	
$	4 2-Fluorophenol	112	2.560	2.560	0.000	98	460294	50.0	54.1	
	5 Benzaldehyde	77	3.422	3.422	0.000	97	137729	20.0	20.2	
$	6 Phenol-d5	99	3.483	3.483	0.000	98	614099	50.0	56.1	
	7 Phenol	94	3.495	3.495	0.000	96	581915	50.0	51.2	
	8 Aniline	93	3.527	3.527	0.000	96	662242	50.0	51.0	
	9 Bis(2-chloroethyl)ether	93	3.601	3.601	0.000	97	440577	50.0	49.8	
	11 2-Chlorophenol	128	3.630	3.630	0.000	99	478169	50.0	51.0	
	12 n-Decane	43	3.668	3.668	0.000	89	410593	50.0	52.1	
	13 1,3-Dichlorobenzene	146	3.783	3.783	0.000	97	510939	50.0	50.3	
*	14 1,4-Dichlorobenzene-d4	152	3.844	3.844	0.000	94	270846	40.0	40.0	
	15 1,4-Dichlorobenzene	146	3.863	3.863	0.000	96	522698	50.0	50.2	
	16 Benzyl alcohol	108	3.997	3.997	0.000	96	304143	50.0	52.3	
	17 1,2-Dichlorobenzene	146	4.007	4.007	0.000	97	495082	50.0	50.3	
	18 2-Methylphenol	108	4.103	4.103	0.000	93	417038	50.0	51.6	
	19 2,2'-oxybis[1-chloropropane]	45	4.122	4.122	0.000	95	561285	50.0	53.0	
	20 N-Methylaniline	106	4.249	4.249	0.000	88	717629	50.0	51.7	a
	22 Acetophenone	105	4.262	4.262	0.000	93	649689	50.0	51.4	
	21 N-Nitrosodi-n-propylamine	70	4.265	4.265	0.000	77	318577	50.0	53.2	
	23 3 & 4 Methylphenol	108	4.269	4.269	0.000	78	482425	50.0	52.5	
	24 4-Methylphenol	108	4.269	4.269	0.000	97	482425	50.0	52.5	
	25 Hexachloroethane	117	4.333	4.333	0.000	94	180394	50.0	50.4	
$	26 Nitrobenzene-d5	82	4.412	4.412	0.000	86	506509	50.0	54.7	
	28 n,n'-Dimethylaniline	120	4.425	4.425	0.000	96	719430	50.0	51.7	
	27 Nitrobenzene	123	4.435	4.435	0.000	99	237884	50.0	54.4	
	31 Isophorone	82	4.665	4.665	0.000	99	841108	50.0	51.3	
	32 2-Nitrophenol	139	4.738	4.738	0.000	97	266744	50.0	51.1	
	33 2,4-Dimethylphenol	122	4.789	4.789	0.000	93	338575	50.0	50.0	
	34 Bis(2-chloroethoxy)methane	93	4.895	4.895	0.000	98	546364	50.0	51.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	4.924	4.924	0.000	86	314722	50.0	51.5	
36 2,4-Dichlorophenol	162	4.968	4.968	0.000	98	393453	50.0	51.7	
37 1,2,4-Trichlorobenzene	180	5.045	5.045	0.000	94	428470	50.0	50.1	
* 38 Naphthalene-d8	136	5.103	5.103	0.000	99	1043206	40.0	40.0	
39 Naphthalene	128	5.122	5.122	0.000	99	1362853	50.0	50.4	
133 2,6-Dichlorophenol	162	5.189	5.189	0.000	97	393598	50.0	50.8	
40 4-Chloroaniline	127	5.195	5.195	0.000	98	573222	50.0	50.6	
41 Hexachlorobutadiene	225	5.234	5.234	0.000	99	244405	50.0	49.1	
42 Caprolactam	113	5.604	5.604	0.000	93	55754	20.0	18.0	
43 4-Chloro-3-methylphenol	107	5.675	5.675	0.000	94	375147	50.0	51.7	
44 2-Methylnaphthalene	142	5.796	5.796	0.000	87	913359	50.0	50.5	
45 1-Methylnaphthalene	142	5.889	5.889	0.000	92	835692	50.0	50.4	
46 Hexachlorocyclopentadiene	237	5.933	5.933	0.000	98	252400	50.0	49.1	
47 1,2,4,5-Tetrachlorobenzene	216	5.953	5.953	0.000	99	438789	50.0	49.1	
48 2-tertbutyl-4-methylphenol	149	6.010	6.010	0.000	93	562511	50.0	50.7	
49 2,4,6-Trichlorophenol	196	6.074	6.074	0.000	93	297349	50.0	50.5	
50 2,4,5-Trichlorophenol	196	6.106	6.106	0.000	99	328576	50.0	50.1	
$ 51 2-Fluorobiphenyl	172	6.161	6.161	0.000	97	1095229	50.0	50.5	
52 1,1'-Biphenyl	154	6.256	6.256	0.000	96	1108520	50.0	50.3	
53 2-Chloronaphthalene	162	6.269	6.269	0.000	99	867668	50.0	49.9	
54 Phenyl ether	170	6.359	6.359	0.000	88	628474	50.0	49.6	
55 2-Nitroaniline	65	6.391	6.391	0.000	94	234705	50.0	52.0	
57 1,3-Dimethylnaphthalene	156	6.477	6.477	0.000	93	706004	50.0	50.1	
58 Dimethyl phthalate	163	6.576	6.576	0.000	100	981570	50.0	49.9	
59 Coumarin	146	6.586	6.586	0.000	84	350889	50.0	51.3	
60 2,6-Dinitrotoluene	165	6.637	6.637	0.000	92	230931	50.0	51.6	
63 Acenaphthylene	152	6.663	6.663	0.000	98	1328591	50.0	50.0	
64 3-Nitroaniline	65	6.790	6.790	0.000	98	281157	50.0	51.5	
* 65 Acenaphthene-d10	164	6.797	6.797	0.000	96	584802	40.0	40.0	
66 3,5-di-tert-butyl-4-hydroxytol	205	6.826	6.826	0.000	96	738712	50.0	50.0	
67 Acenaphthene	154	6.829	6.829	0.000	96	801386	50.0	50.2	
68 2,4-Dinitrophenol	184	6.899	6.899	0.000	94	293555	100.0	95.8	
69 4-Nitrophenol	65	6.966	6.966	0.000	86	312297	100.0	104.0	
71 Dibenzofuran	168	6.998	6.998	0.000	97	1243802	50.0	49.7	
70 2,4-Dinitrotoluene	165	7.018	7.018	0.000	97	315071	50.0	53.0	
72 2,3,4,6-Tetrachlorophenol	232	7.117	7.117	0.000	97	274715	50.0	50.0	
73 Diethyl phthalate	149	7.251	7.251	0.000	99	958838	50.0	49.9	
74 Fluorene	166	7.325	7.325	0.000	95	999568	50.0	50.7	
75 4-Chlorophenyl phenyl ether	204	7.337	7.337	0.000	93	482305	50.0	50.3	
76 4-Nitroaniline	138	7.389	7.389	0.000	90	259123	50.0	51.1	
77 4,6-Dinitro-2-methylphenol	198	7.405	7.405	0.000	94	416206	100.0	111.0	
78 N-Nitrosodiphenylamine	169	7.462	7.462	0.000	68	717882	50.0	50.5	
79 1,2-Diphenylhydrazine	77	7.491	7.491	0.000	50	930771	50.0	52.0	
134 Azobenzene	77	7.491	7.491	0.000	96	930699	50.0	52.1	
$ 80 2,4,6-Tribromophenol	330	7.558	7.558	0.000	89	261959	50.0	52.4	
81 4-Bromophenyl phenyl ether	248	7.801	7.801	0.000	98	312731	50.0	50.2	
82 Hexachlorobenzene	284	7.833	7.833	0.000	93	404587	50.0	50.3	
83 Atrazine	200	7.983	7.983	0.000	94	120594	20.0	21.4	
84 Pentachlorophenol	266	8.038	8.038	0.000	96	533054	100.0	106.6	
85 Pentachloronitrobenzene	237	8.041	8.041	0.000	92	127152	50.0	51.0	
86 n-Octadecane	57	8.137	8.137	0.000	90	608976	50.0	53.3	
* 87 Phenanthrene-d10	188	8.220	8.220	0.000	98	1107032	40.0	40.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
88 Phenanthrene	178	8.242	8.242	0.000	97	1429433	50.0	50.6	
89 Anthracene	178	8.290	8.290	0.000	98	1470796	50.0	50.5	
90 Carbazole	167	8.460	8.460	0.000	95	1364101	50.0	51.2	
91 Di-n-butyl phthalate	149	8.811	8.811	0.000	99	1651246	50.0	52.9	
92 Fluoranthene	202	9.373	9.373	0.000	97	1555494	50.0	50.8	
93 Benzidine	184	9.536	9.536	0.000	100	911887	50.0	54.4	
94 Pyrene	202	9.591	9.591	0.000	97	1605286	50.0	49.3	
95 Bisphenol-A	213	9.674	9.674	0.000	99	679741	50.0	51.3	
$ 96 Terphenyl-d14	244	9.760	9.760	0.000	97	1467534	50.0	51.7	
97 Butyl benzyl phthalate	149	10.255	10.255	0.000	95	695886	50.0	51.8	
98 2,3,7,8-TCDD	320	10.300	10.300	0.000	93	2746	0.5000	0.5000	
99 Carbamazepine	193	10.351	10.351	0.000	93	589294	50.0	54.1	
101 Benzo[a]anthracene	228	10.792	10.792	0.000	99	1554768	50.0	49.5	
100 3,3'-Dichlorobenzidine	252	10.795	10.795	0.000	98	653349	50.0	51.9	
* 102 Chrysene-d12	240	10.805	10.805	0.000	99	954566	40.0	40.0	
103 Chrysene	228	10.834	10.834	0.000	98	1458387	50.0	49.4	
104 Bis(2-ethylhexyl) phthalate	149	10.866	10.866	0.000	86	989362	50.0	51.7	
105 Di-n-octyl phthalate	149	11.652	11.652	0.000	96	1652247	50.0	53.3	
106 Benzo[b]fluoranthene	252	12.067	12.067	0.000	98	1577697	50.0	53.4	
107 Benzo[k]fluoranthene	252	12.105	12.105	0.000	99	1587122	50.0	50.4	
108 Benzo[a]pyrene	252	12.489	12.489	0.000	97	1468572	50.0	53.0	
* 109 Perylene-d12	264	12.566	12.566	0.000	99	1093360	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	14.012	14.012	0.000	99	1655317	50.0	55.4	
111 Dibenz(a,h)anthracene	278	14.054	14.054	0.000	98	1673116	50.0	54.6	
112 Benzo[g,h,i]perylene	276	14.380	14.380	0.000	98	1538079	50.0	53.3	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

SV_BNA_L7_00007 Amount Added: 1.00 Units: mL

Report Date: 26-Apr-2024 09:57:14 Chrom Revision: 2.3 09-Apr-2024 17:43:44

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20240426-175162.b\Z85450.d

Injection Date: 26-Apr-2024 06:16:30 Instrument ID: CBNAMS11 Operator ID:

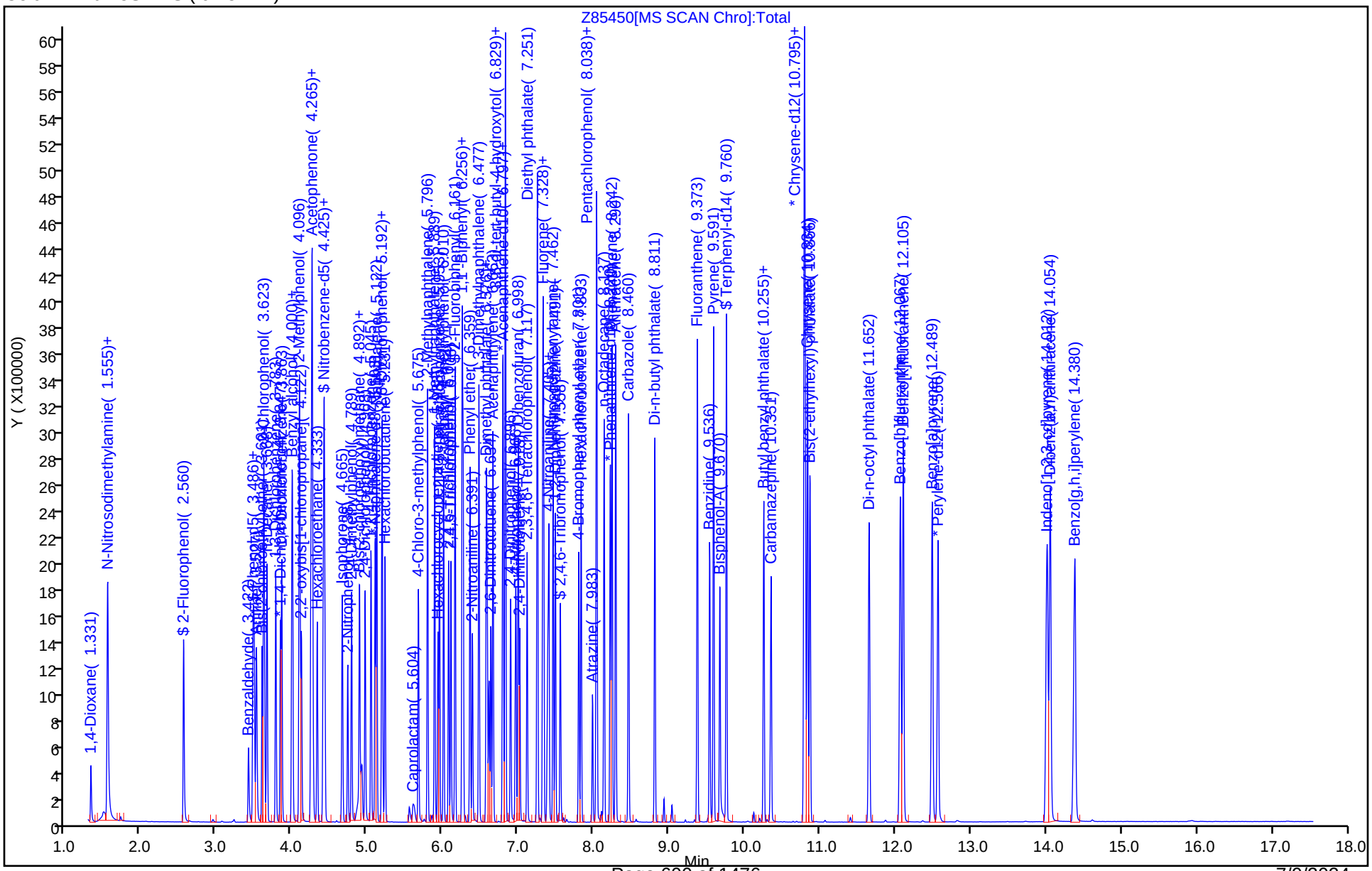
Lims ID: ICIS Worklist Smp#: 2

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8270_11R_9 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



7/9/2024
8:32:15 AM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20240426-175162.b\Z85451.d
Lims ID: STD120
Client ID:
Sample Type: IC Calib Level: 9
Inject. Date: 26-Apr-2024 06:39:30 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0175162-003
Operator ID: Instrument ID: CBNAMS11
Sublist: chrom-8270_11R_9*sub51

Method: \\chromfs\Edison\ChromData\CBNAMS11\20240426-175162.b\8270_11R_9.m
Limit Group: SV 8270E ICAL
Last Update: 26-Apr-2024 09:57:20 Calib Date: 26-Apr-2024 09:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS11\20240426-175162.b\Z85458.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1646

First Level Reviewer: G4KC Date: 26-Apr-2024 07:17:55

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.331	1.331	0.000	92	392856	120.0	121.4	
	2 N-Nitrosodimethylamine	74	1.551	1.545	0.006	97	611955	120.0	125.7	
	3 Pyridine	79	1.558	1.555	0.003	98	1915426	240.0	261.7	
$	4 2-Fluorophenol	112	2.566	2.560	0.006	98	1103880	120.0	132.8	
	5 Benzaldehyde	77	3.428	3.422	0.006	96	28613	32.0	4.29	
$	6 Phenol-d5	99	3.498	3.483	0.015	95	1412184	120.0	132.0	
	7 Phenol	94	3.514	3.495	0.019	97	1418787	120.0	127.9	
	8 Aniline	93	3.533	3.527	0.006	98	1545000	120.0	121.7	
	9 Bis(2-chloroethyl)ether	93	3.613	3.601	0.012	98	1028264	120.0	118.9	
	11 2-Chlorophenol	128	3.636	3.630	0.006	98	1105982	120.0	120.7	
	12 n-Decane	43	3.671	3.668	0.003	89	911210	120.0	118.3	
	13 1,3-Dichlorobenzene	146	3.789	3.783	0.006	97	1178369	120.0	118.8	
*	14 1,4-Dichlorobenzene-d4	152	3.847	3.844	0.003	94	264632	40.0	40.0	
	15 1,4-Dichlorobenzene	146	3.866	3.863	0.003	96	1206296	120.0	118.6	
	16 Benzyl alcohol	108	4.010	3.997	0.013	96	709021	120.0	124.8	
	17 1,2-Dichlorobenzene	146	4.010	4.007	0.003	96	1136377	120.0	118.2	
	18 2-Methylphenol	108	4.112	4.103	0.010	91	949867	120.0	120.3	
	19 2,2'-oxybis[1-chloropropane]	45	4.128	4.122	0.006	93	1209820	120.0	116.9	a
	20 N-Methylaniline	106	4.256	4.249	0.007	98	1640456	120.0	121.0	a
	22 Acetophenone	105	4.275	4.262	0.013	95	1457242	120.0	118.0	
	21 N-Nitrosodi-n-propylamine	70	4.304	4.265	0.039	80	720442	120.0	123.1	M
	23 3 & 4 Methylphenol	108	4.288	4.269	0.019	76	1014977	120.0	113.1	
	24 4-Methylphenol	108	4.288	4.269	0.019	95	1014977	120.0	113.1	
	25 Hexachloroethane	117	4.336	4.333	0.003	94	430663	120.0	123.1	
$	26 Nitrobenzene-d5	82	4.422	4.412	0.010	86	1163464	120.0	130.2	
	28 n,n'-Dimethylaniline	120	4.432	4.425	0.007	97	1676329	120.0	123.2	
	27 Nitrobenzene	123	4.448	4.435	0.013	98	548763	120.0	128.3	
	31 Isophorone	82	4.684	4.665	0.019	99	1924134	120.0	121.8	
	32 2-Nitrophenol	139	4.745	4.738	0.007	97	621950	120.0	123.5	
	33 2,4-Dimethylphenol	122	4.796	4.789	0.007	93	809629	120.0	123.9	
	34 Bis(2-chloroethoxy)methane	93	4.901	4.895	0.006	98	1242321	120.0	120.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	4.984	4.924	0.060	87	727906	120.0	119.5	
36 2,4-Dichlorophenol	162	4.978	4.968	0.010	98	932762	120.0	127.1	
37 1,2,4-Trichlorobenzene	180	5.052	5.045	0.007	94	1014204	120.0	123.0	
* 38 Naphthalene-d8	136	5.106	5.103	0.003	99	1006134	40.0	40.0	
39 Naphthalene	128	5.128	5.122	0.006	99	3047124	120.0	116.9	
133 2,6-Dichlorophenol	162	5.196	5.189	0.007	98	919896	120.0	123.1	
40 4-Chloroaniline	127	5.205	5.195	0.010	98	1328663	120.0	121.6	
41 Hexachlorobutadiene	225	5.237	5.234	0.003	99	583858	120.0	121.6	
42 Caprolactam	113	5.681	5.604	0.077	93	111033	32.0	36.4	M
43 4-Chloro-3-methylphenol	107	5.678	5.675	0.004	95	870696	120.0	124.5	
44 2-Methylnaphthalene	142	5.799	5.796	0.003	85	2064610	120.0	118.4	
45 1-Methylnaphthalene	142	5.895	5.889	0.006	92	1902371	120.0	119.0	
46 Hexachlorocyclopentadiene	237	5.937	5.933	0.004	98	634746	120.0	129.5	
47 1,2,4,5-Tetrachlorobenzene	216	5.959	5.953	0.006	99	1027117	120.0	120.6	
48 2-tertbutyl-4-methylphenol	149	6.017	6.010	0.007	93	1312512	120.0	122.7	
49 2,4,6-Trichlorophenol	196	6.081	6.074	0.007	94	703859	120.0	125.4	
50 2,4,5-Trichlorophenol	196	6.113	6.106	0.007	99	771500	120.0	123.5	
$ 51 2-Fluorobiphenyl	172	6.168	6.161	0.007	97	2502546	120.0	121.2	
52 1,1'-Biphenyl	154	6.260	6.256	0.004	96	2494200	120.0	118.8	
53 2-Chloronaphthalene	162	6.273	6.269	0.004	99	1981331	120.0	119.6	
54 Phenyl ether	170	6.363	6.359	0.004	85	1409299	120.0	116.9	
55 2-Nitroaniline	65	6.401	6.391	0.010	92	534718	120.0	124.4	
57 1,3-Dimethylnaphthalene	156	6.484	6.477	0.007	93	1619072	120.0	120.6	
58 Dimethyl phthalate	163	6.590	6.576	0.014	100	2243743	120.0	119.6	
59 Coumarin	146	6.599	6.586	0.013	84	820946	120.0	124.5	
60 2,6-Dinitrotoluene	165	6.647	6.637	0.010	89	536292	120.0	125.8	
63 Acenaphthylene	152	6.670	6.663	0.007	97	3001824	120.0	118.5	
64 3-Nitroaniline	65	6.804	6.790	0.014	96	630794	120.0	121.3	
* 65 Acenaphthene-d10	164	6.801	6.797	0.004	94	557136	40.0	40.0	
66 3,5-di-tert-butyl-4-hydroxytol	205	6.830	6.826	0.004	96	1743169	120.0	123.8	
67 Acenaphthene	154	6.836	6.829	0.007	95	1800253	120.0	118.3	
68 2,4-Dinitrophenol	184	6.910	6.899	0.011	93	752193	240.0	250.1	
69 4-Nitrophenol	65	6.983	6.966	0.017	95	758404	240.0	265.1	
71 Dibenzofuran	168	7.006	6.998	0.008	99	2810651	120.0	118.0	
70 2,4-Dinitrotoluene	165	7.031	7.018	0.013	97	721962	120.0	127.4	
72 2,3,4,6-Tetrachlorophenol	232	7.124	7.117	0.007	98	650833	120.0	124.3	
73 Diethyl phthalate	149	7.265	7.251	0.014	99	2155568	120.0	117.8	
74 Fluorene	166	7.332	7.325	0.007	95	2245675	120.0	119.5	
75 4-Chlorophenyl phenyl ether	204	7.342	7.337	0.005	93	1091698	120.0	119.4	
76 4-Nitroaniline	138	7.419	7.389	0.029	90	602113	120.0	124.6	
77 4,6-Dinitro-2-methylphenol	198	7.425	7.405	0.020	93	981626	240.0	274.2	
78 N-Nitrosodiphenylamine	169	7.473	7.462	0.011	85	1650339	120.0	121.6	
79 1,2-Diphenylhydrazine	77	7.499	7.491	0.008	51	2078787	120.0	121.6	
134 Azobenzene	77	7.499	7.491	0.008	96	2077747	120.0	121.8	
$ 80 2,4,6-Tribromophenol	330	7.566	7.558	0.008	89	634617	120.0	133.3	
81 4-Bromophenyl phenyl ether	248	7.806	7.801	0.005	98	734415	120.0	123.6	
82 Hexachlorobenzene	284	7.838	7.833	0.005	93	962339	120.0	125.4	
83 Atrazine	200	7.991	7.983	0.008	95	185074	32.0	34.4	
84 Pentachlorophenol	266	8.046	8.038	0.008	96	1277984	240.0	267.9	
85 Pentachloronitrobenzene	237	8.052	8.041	0.011	93	305178	120.0	128.2	
86 n-Octadecane	57	8.142	8.137	0.005	89	1308334	120.0	120.0	
* 87 Phenanthrene-d10	188	8.222	8.220	0.002	98	1056604	40.0	40.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
88 Phenanthrene	178	8.251	8.242	0.009	98	3223698	120.0	119.6	
89 Anthracene	178	8.299	8.290	0.009	98	3346089	120.0	120.4	
90 Carbazole	167	8.468	8.460	0.008	95	3080163	120.0	121.1	
91 Di-n-butyl phthalate	149	8.813	8.811	0.002	99	3726905	120.0	125.0	
92 Fluoranthene	202	9.382	9.373	0.009	97	3548653	120.0	121.4	
93 Benzidine	184	9.542	9.536	0.006	100	1761113	120.0	110.1	
94 Pyrene	202	9.596	9.591	0.005	96	3641455	120.0	120.4	
95 Bisphenol-A	213	9.679	9.674	0.005	99	1650328	120.0	134.2	
$ 96 Terphenyl-d14	244	9.766	9.760	0.006	97	3392369	120.0	128.7	
97 Butyl benzyl phthalate	149	10.258	10.255	0.003	95	1596969	120.0	128.0	
99 Carbamazepine	193	10.364	10.351	0.013	93	1462218	120.0	144.5	
101 Benzo[a]anthracene	228	10.799	10.792	0.007	99	3578670	120.0	122.7	
100 3,3'-Dichlorobenzidine	252	10.802	10.795	0.007	99	1435067	120.0	122.8	
* 102 Chrysene-d12	240	10.811	10.805	0.006	99	886404	40.0	40.0	
103 Chrysene	228	10.847	10.834	0.013	99	3343014	120.0	121.8	
104 Bis(2-ethylhexyl) phthalate	149	10.869	10.866	0.003	86	2285286	120.0	128.5	
105 Di-n-octyl phthalate	149	11.658	11.652	0.006	96	3866010	120.0	132.2	
106 Benzo[b]fluoranthene	252	12.084	12.067	0.017	98	3760739	120.0	135.0	
107 Benzo[k]fluoranthene	252	12.122	12.105	0.017	99	3578408	120.0	120.5	
108 Benzo[a]pyrene	252	12.506	12.489	0.017	97	3394041	120.0	130.0	
* 109 Perylene-d12	264	12.570	12.566	0.004	98	1031207	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	14.033	14.012	0.021	99	3982372	120.0	141.4	
111 Dibenz(a,h)anthracene	278	14.075	14.054	0.021	98	3875180	120.0	134.2	
112 Benzo[g,h,i]perylene	276	14.404	14.380	0.024	98	3507509	120.0	129.0	
S 119 Total Cresols	1				0			233.4	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SV_BNA_L9_00006 Amount Added: 1.00 Units: mL

Report Date: 26-Apr-2024 09:57:24 Chrom Revision: 2.3 09-Apr-2024 17:43:44

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20240426-175162.b\Z85451.d

Injection Date: 26-Apr-2024 06:39:30 Instrument ID: CBNAMS11 Operator ID:

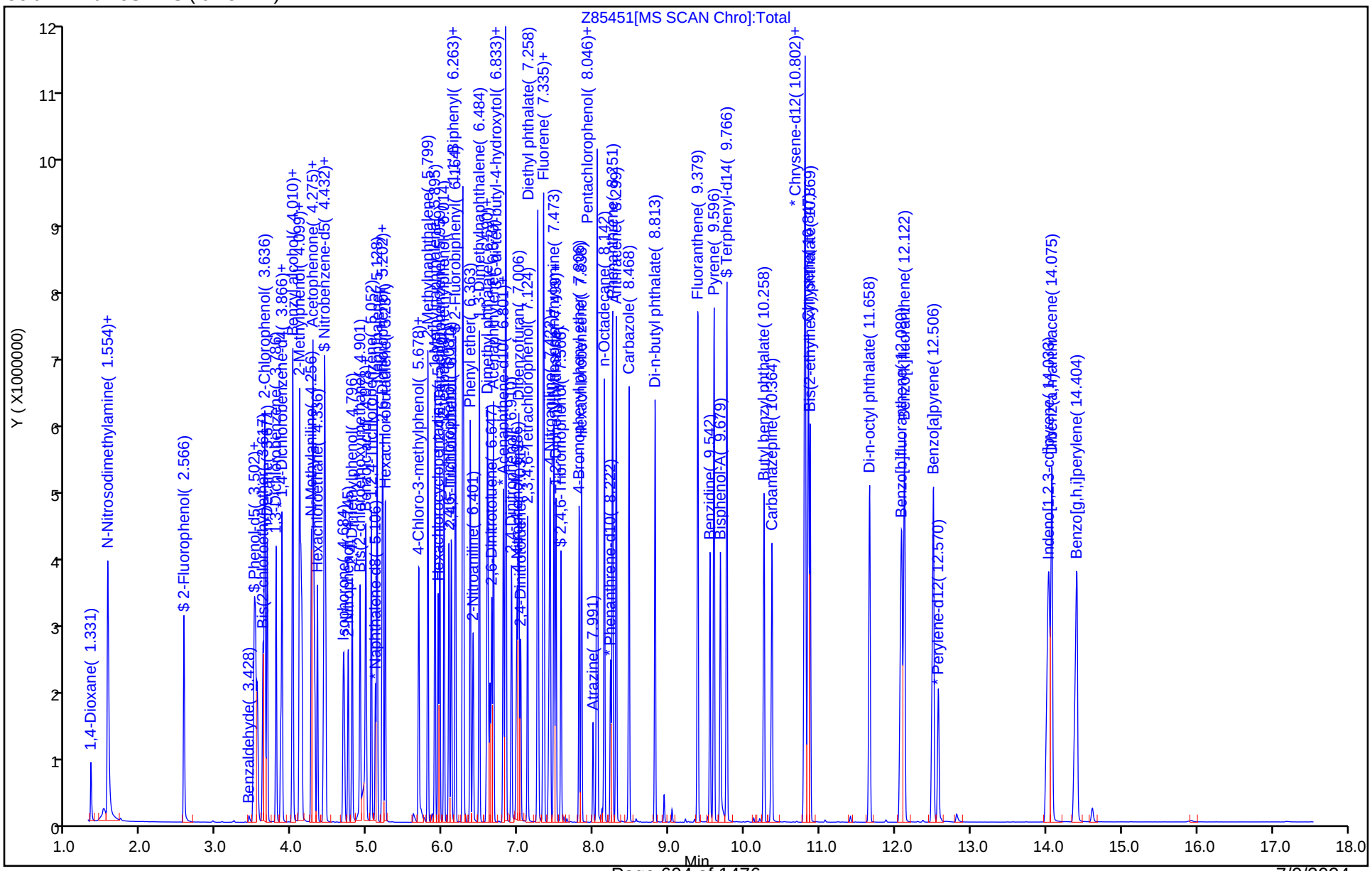
Lims ID: STD120 Worklist Smp#: 3

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8270_11R_9 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



7/9/2024
8:32:15 AM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20240426-175162.b\Z85452.d
Lims ID: STD80
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 26-Apr-2024 07:01:30 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0175162-004
Operator ID: Instrument ID: CBNAMS11
Sublist: chrom-8270_11R_9*sub51

Method: \\chromfs\Edison\ChromData\CBNAMS11\20240426-175162.b\8270_11R_9.m
Limit Group: SV 8270E ICAL
Last Update: 26-Apr-2024 09:57:29 Calib Date: 26-Apr-2024 09:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS11\20240426-175162.b\Z85458.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1646

First Level Reviewer: G4KC Date: 26-Apr-2024 07:28:57

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.334	1.331	0.003	92	272454	80.0	75.1	
2 N-Nitrosodimethylamine	74	1.551	1.545	0.006	97	447701	80.0	82.0	
3 Pyridine	79	1.558	1.555	0.003	98	1378075	160.0	167.9	
$ 4 2-Fluorophenol	112	2.563	2.560	0.003	98	834144	80.0	89.5	
5 Benzaldehyde	77	3.422	3.422	0.000	97	82405	24.0	11.0	
$ 6 Phenol-d5	99	3.492	3.483	0.009	96	1058458	80.0	88.3	
7 Phenol	94	3.505	3.495	0.010	97	1031882	80.0	82.9	
8 Aniline	93	3.530	3.527	0.003	99	1133259	80.0	79.6	
9 Bis(2-chloroethyl)ether	93	3.610	3.601	0.009	98	745227	80.0	76.8	
11 2-Chlorophenol	128	3.633	3.630	0.003	99	809228	80.0	78.8	
12 n-Decane	43	3.668	3.668	0.000	89	661244	80.0	76.6	
13 1,3-Dichlorobenzene	146	3.786	3.783	0.003	97	870195	80.0	78.2	
* 14 1,4-Dichlorobenzene-d4	152	3.847	3.844	0.003	93	296729	40.0	40.0	
15 1,4-Dichlorobenzene	146	3.863	3.863	0.000	95	878519	80.0	77.0	
16 Benzyl alcohol	108	4.003	3.997	0.006	97	514790	80.0	80.8	
17 1,2-Dichlorobenzene	146	4.006	4.007	-0.001	97	830905	80.0	77.1	
18 2-Methylphenol	108	4.109	4.103	0.007	93	692966	80.0	78.2	
19 2,2'-oxybis[1-chloropropane]	45	4.125	4.122	0.003	95	878324	80.0	75.7	a
20 N-Methylaniline	106	4.252	4.249	0.003	96	1186331	80.0	78.1	a
22 Acetophenone	105	4.268	4.262	0.006	94	1068321	80.0	77.1	
21 N-Nitrosodi-n-propylamine	70	4.275	4.265	0.010	81	525844	80.0	80.1	M
23 3 & 4 Methylphenol	108	4.278	4.269	0.009	75	747777	80.0	74.3	
24 4-Methylphenol	108	4.278	4.269	0.009	97	747777	80.0	74.3	
25 Hexachloroethane	117	4.336	4.333	0.003	94	311582	80.0	79.4	
$ 26 Nitrobenzene-d5	82	4.419	4.412	0.007	86	869825	80.0	86.3	
28 n,n'-Dimethylaniline	120	4.428	4.425	0.003	97	1207476	80.0	79.1	
27 Nitrobenzene	123	4.441	4.435	0.006	99	404444	80.0	84.3	
31 Isophorone	82	4.674	4.665	0.009	99	1383454	80.0	77.6	
32 2-Nitrophenol	139	4.741	4.738	0.003	97	451107	80.0	79.4	
33 2,4-Dimethylphenol	122	4.792	4.789	0.003	93	583350	80.0	79.1	
34 Bis(2-chloroethoxy)methane	93	4.898	4.895	0.003	98	900292	80.0	77.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	4.962	4.924	0.038	89	557110	80.0	82.0	
36 2,4-Dichlorophenol	162	4.975	4.968	0.007	97	668222	80.0	80.7	
37 1,2,4-Trichlorobenzene	180	5.048	5.045	0.003	93	740626	80.0	79.6	
* 38 Naphthalene-d8	136	5.103	5.103	0.000	99	1134951	40.0	40.0	
39 Naphthalene	128	5.125	5.122	0.003	99	2237808	80.0	76.1	
133 2,6-Dichlorophenol	162	5.192	5.189	0.003	98	668772	80.0	79.3	
40 4-Chloroaniline	127	5.202	5.195	0.007	98	963912	80.0	78.2	
41 Hexachlorobutadiene	225	5.234	5.234	0.000	99	423638	80.0	78.2	
42 Caprolactam	113	5.674	5.604	0.070	93	86639	24.0	25.4	M
43 4-Chloro-3-methylphenol	107	5.678	5.675	0.004	94	616894	80.0	78.2	
44 2-Methylnaphthalene	142	5.799	5.796	0.003	86	1512151	80.0	76.9	
45 1-Methylnaphthalene	142	5.892	5.889	0.003	92	1386787	80.0	76.9	
46 Hexachlorocyclopentadiene	237	5.937	5.933	0.004	98	457996	80.0	84.0	
47 1,2,4,5-Tetrachlorobenzene	216	5.956	5.953	0.003	99	754464	80.0	79.7	
48 2-tertbutyl-4-methylphenol	149	6.013	6.010	0.003	93	946991	80.0	78.5	
49 2,4,6-Trichlorophenol	196	6.077	6.074	0.003	93	504856	80.0	80.9	
50 2,4,5-Trichlorophenol	196	6.109	6.106	0.003	99	555688	80.0	80.0	
$ 51 2-Fluorobiphenyl	172	6.164	6.161	0.003	97	1891637	80.0	82.4	
52 1,1'-Biphenyl	154	6.260	6.256	0.004	96	1829959	80.0	78.4	
53 2-Chloronaphthalene	162	6.273	6.269	0.004	99	1448970	80.0	78.6	
54 Phenyl ether	170	6.362	6.359	0.003	85	1054186	80.0	78.6	
55 2-Nitroaniline	65	6.397	6.391	0.006	92	382554	80.0	80.0	
57 1,3-Dimethylnaphthalene	156	6.480	6.477	0.003	93	1171569	80.0	78.5	
58 Dimethyl phthalate	163	6.583	6.576	0.007	100	1614045	80.0	77.4	
59 Coumarin	146	6.592	6.586	0.006	84	572193	80.0	76.9	
60 2,6-Dinitrotoluene	165	6.640	6.637	0.003	90	384653	80.0	81.1	
63 Acenaphthylene	152	6.669	6.663	0.006	98	2190434	80.0	77.8	
64 3-Nitroaniline	65	6.797	6.790	0.007	95	449108	80.0	77.6	
* 65 Acenaphthene-d10	164	6.800	6.797	0.003	96	619686	40.0	40.0	
66 3,5-di-tert-butyl-4-hydroxytol	205	6.829	6.826	0.003	97	1218574	80.0	77.8	
67 Acenaphthene	154	6.835	6.829	0.006	95	1298616	80.0	76.7	
68 2,4-Dinitrophenol	184	6.906	6.899	0.007	93	527086	160.0	159.2	
69 4-Nitrophenol	65	6.976	6.966	0.010	89	523626	160.0	164.5	
71 Dibenzofuran	168	7.002	6.998	0.004	98	2044710	80.0	77.2	
70 2,4-Dinitrotoluene	165	7.024	7.018	0.006	97	515986	80.0	81.9	
72 2,3,4,6-Tetrachlorophenol	232	7.120	7.117	0.003	97	460540	80.0	79.1	
73 Diethyl phthalate	149	7.258	7.251	0.007	99	1601199	80.0	78.7	
74 Fluorene	166	7.328	7.325	0.003	95	1621583	80.0	77.6	
75 4-Chlorophenyl phenyl ether	204	7.338	7.337	0.001	95	793759	80.0	78.1	
76 4-Nitroaniline	138	7.405	7.389	0.016	89	428633	80.0	79.7	
77 4,6-Dinitro-2-methylphenol	198	7.415	7.405	0.010	92	691648	160.0	173.1	
78 N-Nitrosodiphenylamine	169	7.466	7.462	0.004	80	1177053	80.0	77.7	
79 1,2-Diphenylhydrazine	77	7.495	7.491	0.004	50	1491161	80.0	78.2	
134 Azobenzene	77	7.495	7.491	0.004	96	1489845	80.0	78.2	
$ 80 2,4,6-Tribromophenol	330	7.562	7.558	0.004	89	466396	80.0	88.1	
81 4-Bromophenyl phenyl ether	248	7.805	7.801	0.004	98	524751	80.0	79.1	
82 Hexachlorobenzene	284	7.837	7.833	0.004	93	685834	80.0	80.1	
83 Atrazine	200	7.987	7.983	0.004	95	151945	24.0	25.3	
84 Pentachlorophenol	266	8.041	8.038	0.003	96	905154	160.0	170.0	
85 Pentachloronitrobenzene	237	8.045	8.041	0.004	92	212053	80.0	79.8	
86 n-Octadecane	57	8.141	8.137	0.004	89	945100	80.0	77.7	
* 87 Phenanthrene-d10	188	8.221	8.220	0.001	98	1179344	40.0	40.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
88 Phenanthrene	178	8.246	8.242	0.004	97	2296989	80.0	76.4	
89 Anthracene	178	8.294	8.290	0.004	98	2389063	80.0	77.0	
90 Carbazole	167	8.467	8.460	0.007	95	2192956	80.0	77.2	
91 Di-n-butyl phthalate	149	8.812	8.811	0.001	99	2658982	80.0	79.9	
92 Fluoranthene	202	9.377	9.373	0.004	97	2507167	80.0	76.8	
93 Benzidine	184	9.540	9.536	0.004	99	1437523	80.0	80.5	
94 Pyrene	202	9.592	9.591	0.001	97	2586060	80.0	77.3	
95 Bisphenol-A	213	9.678	9.674	0.004	99	1157180	80.0	85.1	
$ 96 Terphenyl-d14	244	9.765	9.760	0.005	98	2500940	80.0	85.8	
97 Butyl benzyl phthalate	149	10.257	10.255	0.002	95	1127050	80.0	81.7	
99 Carbamazepine	193	10.359	10.351	0.008	93	1009146	80.0	90.2	
101 Benzo[a]anthracene	228	10.797	10.792	0.005	99	2524014	80.0	78.3	
100 3,3'-Dichlorobenzidine	252	10.800	10.795	0.005	99	1104153	80.0	85.5	
* 102 Chrysene-d12	240	10.810	10.805	0.005	99	980210	40.0	40.0	
103 Chrysene	228	10.842	10.834	0.008	98	2351038	80.0	77.5	
104 Bis(2-ethylhexyl) phthalate	149	10.868	10.866	0.002	85	1604933	80.0	81.6	
105 Di-n-octyl phthalate	149	11.657	11.652	0.005	96	2691799	80.0	84.0	
106 Benzo[b]fluoranthene	252	12.075	12.067	0.008	99	2572624	80.0	84.3	
107 Benzo[k]fluoranthene	252	12.114	12.105	0.009	99	2564528	80.0	78.8	
108 Benzo[a]pyrene	252	12.497	12.489	0.008	98	2380766	80.0	83.2	
* 109 Perylene-d12	264	12.568	12.566	0.002	99	1129551	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	14.025	14.012	0.013	99	2770321	80.0	89.8	
111 Dibenz(a,h)anthracene	278	14.066	14.054	0.012	98	2725646	80.0	86.2	
112 Benzo[g,h,i]perylene	276	14.396	14.380	0.016	98	2496637	80.0	83.8	
S 119 Total Cresols	1				0			152.6	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SV_BNA_L8_00006 Amount Added: 1.00 Units: mL

Report Date: 26-Apr-2024 09:57:32 Chrom Revision: 2.3 09-Apr-2024 17:43:44

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20240426-175162.b\Z85452.d

Injection Date: 26-Apr-2024 07:01:30 Instrument ID: CBNAMS11 Operator ID:

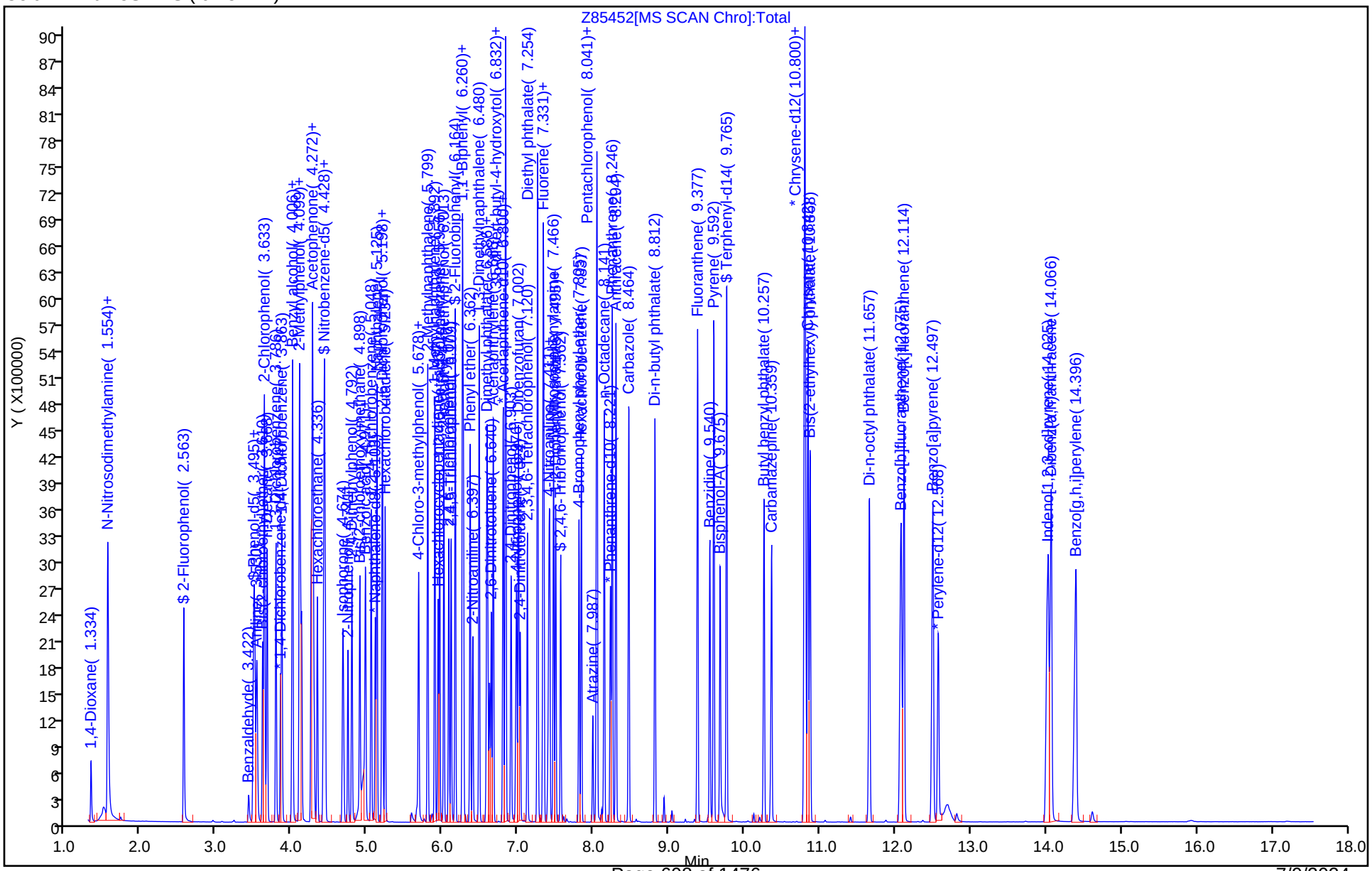
Lims ID: STD80 Worklist Smp#: 4

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8270_11R_9 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



7/9/2024
8:32:15 AM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20240426-175162.b\Z85453.d
Lims ID: STD20
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 26-Apr-2024 07:23:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0175162-005
Operator ID: Instrument ID: CBNAMS11
Sublist: chrom-8270_11R_9*sub51

Method: \\chromfs\Edison\ChromData\CBNAMS11\20240426-175162.b\8270_11R_9.m
Limit Group: SV 8270E ICAL
Last Update: 26-Apr-2024 09:57:36 Calib Date: 26-Apr-2024 09:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS11\20240426-175162.b\Z85458.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1646

First Level Reviewer: G4KC Date: 26-Apr-2024 07:44:55

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.334	1.331	0.003	93	61668	20.0	19.0	
2 N-Nitrosodimethylamine	74	1.545	1.545	0.000	97	99947	20.0	20.4	
3 Pyridine	79	1.554	1.555	-0.001	96	298553	40.0	40.6	
$ 4 2-Fluorophenol	112	2.560	2.560	0.000	98	173902	20.0	20.8	
5 Benzaldehyde	77	3.418	3.422	-0.004	97	112518	16.0	16.8	
$ 6 Phenol-d5	99	3.476	3.483	-0.007	96	222896	20.0	20.7	
7 Phenol	94	3.489	3.495	-0.006	96	220153	20.0	19.7	
8 Aniline	93	3.524	3.527	-0.003	96	260982	20.0	20.5	
9 Bis(2-chloroethyl)ether	93	3.597	3.601	-0.004	98	178849	20.0	20.6	
11 2-Chlorophenol	128	3.626	3.630	-0.004	99	186343	20.0	20.2	
12 n-Decane	43	3.664	3.668	-0.004	89	157875	20.0	20.4	
13 1,3-Dichlorobenzene	146	3.782	3.783	-0.001	98	203734	20.0	20.4	
* 14 1,4-Dichlorobenzene-d4	152	3.843	3.844	-0.001	93	265963	40.0	40.0	
15 1,4-Dichlorobenzene	146	3.862	3.863	-0.001	97	210546	20.0	20.6	
16 Benzyl alcohol	108	3.990	3.997	-0.007	96	115826	20.0	20.3	
17 1,2-Dichlorobenzene	146	4.003	4.007	-0.004	98	197078	20.0	20.4	
18 2-Methylphenol	108	4.099	4.103	-0.003	93	160311	20.0	20.2	
19 2,2'-oxybis[1-chloropropane]	45	4.121	4.122	-0.001	96	210400	20.0	20.2	
20 N-Methylaniline	106	4.246	4.249	-0.003	91	269862	20.0	19.8	a
22 Acetophenone	105	4.255	4.262	-0.007	93	251298	20.0	20.2	
21 N-Nitrosodi-n-propylamine	70	4.258	4.265	-0.007	82	123791	20.0	21.0	
23 3 & 4 Methylphenol	108	4.258	4.269	-0.011	85	184983	20.0	20.5	
24 4-Methylphenol	108	4.258	4.269	-0.011	84	184983	20.0	20.5	
25 Hexachloroethane	117	4.332	4.333	-0.001	94	72540	20.0	20.6	
$ 26 Nitrobenzene-d5	82	4.405	4.412	-0.007	85	185054	20.0	20.6	
28 n,n'-Dimethylaniline	120	4.418	4.425	-0.007	95	272872	20.0	20.0	
27 Nitrobenzene	123	4.428	4.435	-0.007	100	91333	20.0	21.3	
31 Isophorone	82	4.657	4.665	-0.008	98	320254	20.0	20.2	
32 2-Nitrophenol	139	4.734	4.738	-0.004	97	101966	20.0	20.2	
33 2,4-Dimethylphenol	122	4.785	4.789	-0.004	93	133795	20.0	20.4	
34 Bis(2-chloroethoxy)methane	93	4.887	4.895	-0.008	98	209259	20.0	20.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	4.881	4.924	-0.043	88	105351	20.0	19.7	
36 2,4-Dichlorophenol	162	4.964	4.968	-0.004	97	149759	20.0	20.3	
37 1,2,4-Trichlorobenzene	180	5.044	5.045	-0.001	94	167797	20.0	20.3	
* 38 Naphthalene-d8	136	5.098	5.103	-0.005	99	1009485	40.0	40.0	
39 Naphthalene	128	5.121	5.122	-0.001	100	533725	20.0	20.4	
133 2,6-Dichlorophenol	162	5.188	5.189	-0.001	98	153839	20.0	20.5	
40 4-Chloroaniline	127	5.191	5.195	-0.004	97	221628	20.0	20.2	
41 Hexachlorobutadiene	225	5.229	5.234	-0.005	99	96751	20.0	20.1	
42 Caprolactam	113	5.529	5.604	-0.075	95	40845	16.0	13.8	
43 4-Chloro-3-methylphenol	107	5.670	5.675	-0.004	94	142949	20.0	20.4	
44 2-Methylnaphthalene	142	5.794	5.796	-0.002	89	358753	20.0	20.5	
45 1-Methylnaphthalene	142	5.887	5.889	-0.002	92	324985	20.0	20.3	
46 Hexachlorocyclopentadiene	237	5.932	5.933	-0.001	98	98432	20.0	20.2	
47 1,2,4,5-Tetrachlorobenzene	216	5.951	5.953	-0.002	99	171607	20.0	20.3	
48 2-tertbutyl-4-methylphenol	149	6.005	6.010	-0.005	93	213286	20.0	19.9	
49 2,4,6-Trichlorophenol	196	6.072	6.074	-0.002	93	114332	20.0	20.5	
50 2,4,5-Trichlorophenol	196	6.104	6.106	-0.002	99	126996	20.0	20.5	
$ 51 2-Fluorobiphenyl	172	6.159	6.161	-0.002	98	408145	20.0	19.9	
52 1,1'-Biphenyl	154	6.251	6.256	-0.005	96	425384	20.0	20.4	
53 2-Chloronaphthalene	162	6.264	6.269	-0.005	99	337854	20.0	20.5	
54 Phenyl ether	170	6.357	6.359	-0.002	86	238611	20.0	19.9	
55 2-Nitroaniline	65	6.386	6.391	-0.005	93	86242	20.0	20.2	
57 1,3-Dimethylnaphthalene	156	6.475	6.477	-0.002	93	264964	20.0	19.9	
58 Dimethyl phthalate	163	6.568	6.576	-0.008	100	379830	20.0	20.4	
59 Coumarin	146	6.580	6.586	-0.006	85	131726	20.0	19.9	
60 2,6-Dinitrotoluene	165	6.628	6.637	-0.009	92	89195	20.0	21.1	
63 Acenaphthylene	152	6.660	6.663	-0.003	98	515346	20.0	20.5	
64 3-Nitroaniline	65	6.785	6.790	-0.005	97	103814	20.0	20.1	
* 65 Acenaphthene-d10	164	6.795	6.797	-0.002	95	553078	40.0	40.0	
66 3,5-di-tert-butyl-4-hydroxytol	205	6.823	6.826	-0.003	96	281841	20.0	20.2	
67 Acenaphthene	154	6.827	6.829	-0.002	96	312162	20.0	20.7	
68 2,4-Dinitrophenol	184	6.890	6.899	-0.009	94	100541	40.0	37.5	
69 4-Nitrophenol	65	6.958	6.966	-0.008	86	116863	40.0	41.1	
71 Dibenzofuran	168	6.993	6.998	-0.005	97	481125	20.0	20.3	
70 2,4-Dinitrotoluene	165	7.012	7.018	-0.006	98	121630	20.0	21.6	
72 2,3,4,6-Tetrachlorophenol	232	7.114	7.117	-0.003	97	105680	20.0	20.3	
73 Diethyl phthalate	149	7.245	7.251	-0.006	99	362682	20.0	20.0	
74 Fluorene	166	7.322	7.325	-0.003	95	376937	20.0	20.2	
75 4-Chlorophenyl phenyl ether	204	7.335	7.337	-0.002	93	185012	20.0	20.4	
76 4-Nitroaniline	138	7.373	7.389	-0.016	88	98369	20.0	20.5	
77 4,6-Dinitro-2-methylphenol	198	7.395	7.405	-0.010	93	152885	40.0	42.5	
78 N-Nitrosodiphenylamine	169	7.453	7.462	-0.009	68	274183	20.0	20.1	
79 1,2-Diphenylhydrazine	77	7.485	7.491	-0.006	50	347591	20.0	20.2	
134 Azobenzene	77	7.485	7.491	-0.006	96	348152	20.0	20.3	
$ 80 2,4,6-Tribromophenol	330	7.552	7.558	-0.006	89	95472	20.0	20.2	
81 4-Bromophenyl phenyl ether	248	7.798	7.801	-0.003	98	119766	20.0	20.1	
82 Hexachlorobenzene	284	7.830	7.833	-0.003	93	156310	20.0	20.3	
83 Atrazine	200	7.980	7.983	-0.003	95	88352	16.0	16.3	
84 Pentachlorophenol	266	8.031	8.038	-0.007	96	199919	40.0	41.7	
85 Pentachloronitrobenzene	237	8.038	8.041	-0.003	92	46926	20.0	19.6	
86 n-Octadecane	57	8.134	8.137	-0.003	90	218955	20.0	20.0	
* 87 Phenanthrene-d10	188	8.217	8.220	-0.003	98	1061563	40.0	40.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
88 Phenanthrene	178	8.239	8.242	-0.003	97	546736	20.0	20.2	
89 Anthracene	178	8.287	8.290	-0.003	99	564995	20.0	20.2	
90 Carbazole	167	8.456	8.460	-0.004	95	519010	20.0	20.3	
91 Di-n-butyl phthalate	149	8.807	8.811	-0.004	99	617546	20.0	20.6	a
92 Fluoranthene	202	9.369	9.373	-0.004	98	601136	20.0	20.5	
93 Benzidine	184	9.532	9.536	-0.004	100	325282	20.0	20.2	
94 Pyrene	202	9.583	9.591	-0.008	97	623847	20.0	20.2	
95 Bisphenol-A	213	9.669	9.674	-0.005	99	251587	20.0	20.1	
$ 96 Terphenyl-d14	244	9.756	9.760	-0.004	97	543266	20.0	20.2	
97 Butyl benzyl phthalate	149	10.251	10.255	-0.004	95	258256	20.0	20.3	
99 Carbamazepine	193	10.343	10.351	-0.008	93	204912	20.0	19.8	
101 Benzo[a]anthracene	228	10.787	10.792	-0.005	99	592559	20.0	19.9	
100 3,3'-Dichlorobenzidine	252	10.787	10.795	-0.008	97	242300	20.0	20.3	
* 102 Chrysene-d12	240	10.800	10.805	-0.005	99	904644	40.0	40.0	
103 Chrysene	228	10.826	10.834	-0.008	98	564821	20.0	20.2	
104 Bis(2-ethylhexyl) phthalate	149	10.864	10.866	-0.002	85	365132	20.0	20.1	
105 Di-n-octyl phthalate	149	11.646	11.652	-0.006	96	593385	20.0	20.1	
106 Benzo[b]fluoranthene	252	12.058	12.067	-0.009	99	572652	20.0	20.3	
107 Benzo[k]fluoranthene	252	12.093	12.105	-0.012	99	625904	20.0	20.8	
108 Benzo[a]pyrene	252	12.480	12.489	-0.009	98	549893	20.0	20.8	
* 109 Perylene-d12	264	12.560	12.566	-0.006	99	1042067	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	14.000	14.012	-0.012	99	603188	20.0	21.2	
111 Dibenz(a,h)anthracene	278	14.042	14.054	-0.012	98	593465	20.0	20.3	
112 Benzo[g,h,i]perylene	276	14.361	14.380	-0.019	98	567906	20.0	20.7	
S 119 Total Cresols	1				0			40.7	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

SV_BNA_L6_00006 Amount Added: 1.00 Units: mL

Report Date: 26-Apr-2024 09:57:38 Chrom Revision: 2.3 09-Apr-2024 17:43:44

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20240426-175162.b\Z85453.d

Injection Date: 26-Apr-2024 07:23:30 Instrument ID: CBNAMS11 Operator ID:

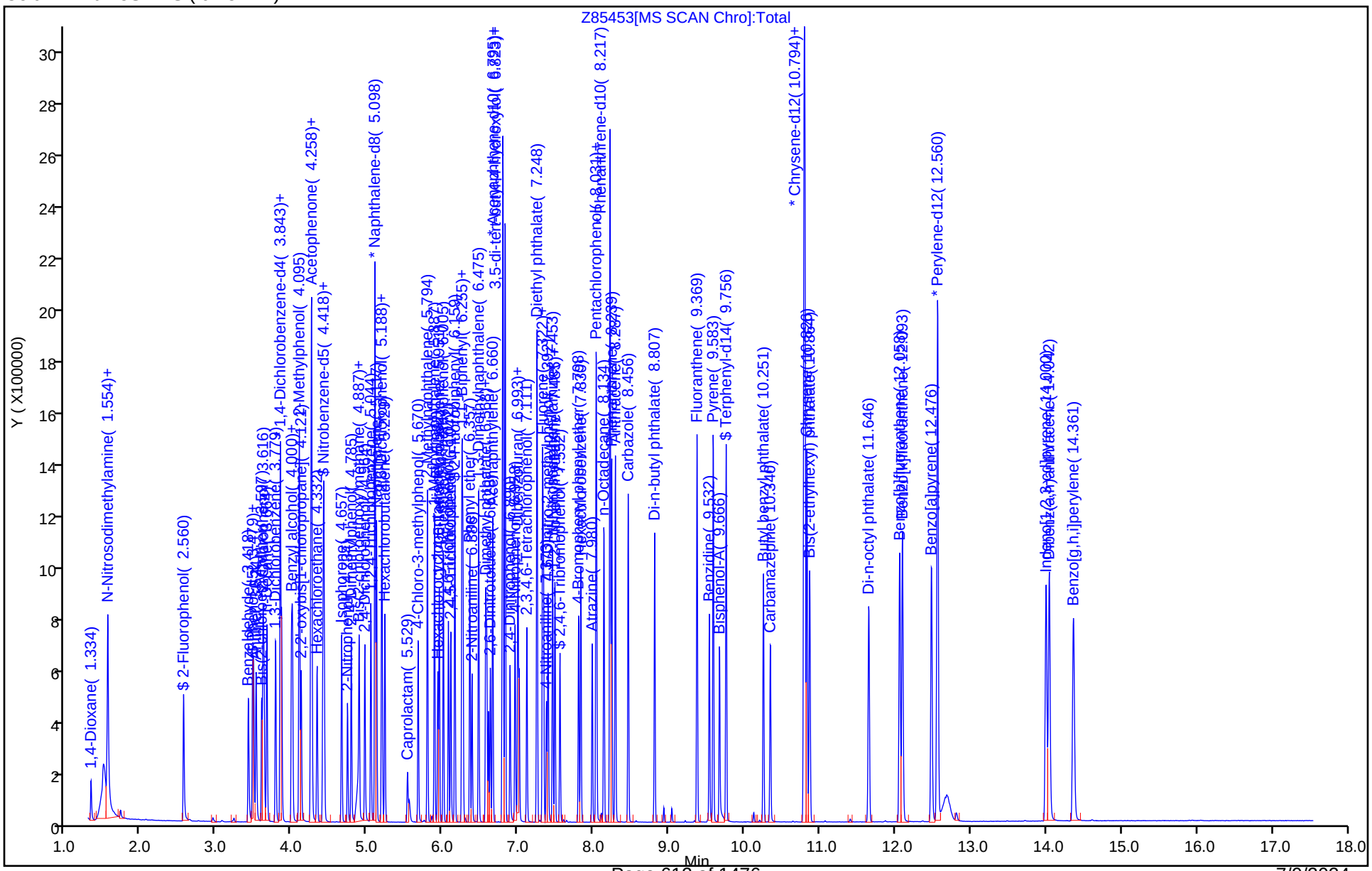
Lims ID: STD20 Worklist Smp#: 5

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 5

Method: 8270_11R_9 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



7/9/2024
8:32:15 AM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20240426-175162.b\Z85454.d
Lims ID: STD10
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 26-Apr-2024 07:46:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0175162-006
Operator ID: Instrument ID: CBNAMS11
Sublist: chrom-8270_11R_9*sub51

Method: \\chromfs\Edison\ChromData\CBNAMS11\20240426-175162.b\8270_11R_9.m
Limit Group: SV 8270E ICAL
Last Update: 26-Apr-2024 09:57:42 Calib Date: 26-Apr-2024 09:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS11\20240426-175162.b\Z85458.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1646

First Level Reviewer: G4KC Date: 26-Apr-2024 08:16:56

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.334	1.331	0.003	92	30878	10.0	9.36	
	2 N-Nitrosodimethylamine	74	1.548	1.545	0.003	97	45647	10.0	9.20	
	3 Pyridine	79	1.558	1.555	0.003	96	147697	20.0	19.8	
$	4 2-Fluorophenol	112	2.560	2.560	0.000	98	86245	10.0	10.2	
	5 Benzaldehyde	77	3.418	3.422	-0.004	97	72102	10.0	10.6	
$	6 Phenol-d5	99	3.476	3.483	-0.007	97	111799	10.0	10.3	
	7 Phenol	94	3.488	3.495	-0.007	95	108598	10.0	9.60	
	8 Aniline	93	3.520	3.527	-0.007	98	127178	10.0	9.83	
	9 Bis(2-chloroethyl)ether	93	3.594	3.601	-0.007	97	88394	10.0	10.0	
	11 2-Chlorophenol	128	3.626	3.630	-0.004	99	93970	10.0	10.1	
	12 n-Decane	43	3.664	3.668	-0.004	89	79154	10.0	10.1	
	13 1,3-Dichlorobenzene	146	3.779	3.783	-0.004	97	101561	10.0	10.0	
*	14 1,4-Dichlorobenzene-d4	152	3.843	3.844	-0.001	95	269808	40.0	40.0	
	15 1,4-Dichlorobenzene	146	3.862	3.863	-0.001	96	103856	10.0	10.0	
	16 Benzyl alcohol	108	3.990	3.997	-0.007	97	57592	10.0	9.94	
	17 1,2-Dichlorobenzene	146	4.003	4.007	-0.004	98	99786	10.0	10.2	
	18 2-Methylphenol	108	4.098	4.103	-0.004	94	81067	10.0	10.1	
	19 2,2'-oxybis[1-chloropropane]	45	4.118	4.122	-0.004	96	105514	10.0	10.0	
	20 N-Methylaniline	106	4.245	4.249	-0.004	97	138869	10.0	10.1	a
	22 Acetophenone	105	4.255	4.262	-0.007	91	126498	10.0	10.0	
	21 N-Nitrosodi-n-propylamine	70	4.255	4.265	-0.010	79	61295	10.0	10.3	
	23 3 & 4 Methylphenol	108	4.258	4.269	-0.011	84	91940	10.0	10.1	a
	24 4-Methylphenol	108	4.258	4.269	-0.011	84	91940	10.0	10.1	
	25 Hexachloroethane	117	4.328	4.333	-0.005	93	35583	10.0	9.97	
$	26 Nitrobenzene-d5	82	4.405	4.412	-0.007	85	93470	10.0	10.2	
	28 n,n'-Dimethylaniline	120	4.415	4.425	-0.010	97	141449	10.0	10.2	
	27 Nitrobenzene	123	4.424	4.435	-0.011	98	45988	10.0	10.5	
	31 Isophorone	82	4.654	4.665	-0.011	99	162266	10.0	10.0	
	32 2-Nitrophenol	139	4.734	4.738	-0.004	97	50642	10.0	9.84	
	33 2,4-Dimethylphenol	122	4.782	4.789	-0.007	93	65822	10.0	9.85	
	34 Bis(2-chloroethoxy)methane	93	4.887	4.895	-0.008	98	106546	10.0	10.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	4.855	4.924	-0.069	86	41204	10.0	9.32	
36 2,4-Dichlorophenol	162	4.964	4.968	-0.004	97	77530	10.0	10.3	
37 1,2,4-Trichlorobenzene	180	5.043	5.045	-0.002	93	86678	10.0	10.3	
* 38 Naphthalene-d8	136	5.098	5.103	-0.005	99	1028271	40.0	40.0	
39 Naphthalene	128	5.117	5.122	-0.005	99	272104	10.0	10.2	
133 2,6-Dichlorophenol	162	5.184	5.189	-0.005	98	76635	10.0	10.0	
40 4-Chloroaniline	127	5.190	5.195	-0.005	98	110852	10.0	9.93	
41 Hexachlorobutadiene	225	5.229	5.234	-0.005	98	48987	10.0	9.99	
42 Caprolactam	113	5.522	5.604	-0.082	94	25048	10.0	8.56	
43 4-Chloro-3-methylphenol	107	5.669	5.675	-0.005	95	69639	10.0	9.74	
44 2-Methylnaphthalene	142	5.794	5.796	-0.002	86	180782	10.0	10.1	
45 1-Methylnaphthalene	142	5.886	5.889	-0.003	92	162995	10.0	9.98	
46 Hexachlorocyclopentadiene	237	5.931	5.933	-0.002	97	49414	10.0	9.82	
47 1,2,4,5-Tetrachlorobenzene	216	5.950	5.953	-0.003	99	87764	10.0	10.0	
48 2-tertbutyl-4-methylphenol	149	6.005	6.010	-0.005	93	110392	10.0	10.1	
49 2,4,6-Trichlorophenol	196	6.072	6.074	-0.002	93	56695	10.0	9.84	
50 2,4,5-Trichlorophenol	196	6.104	6.106	-0.002	99	64156	10.0	10.0	
$ 51 2-Fluorobiphenyl	172	6.158	6.161	-0.003	98	214075	10.0	10.1	
52 1,1'-Biphenyl	154	6.251	6.256	-0.005	97	216489	10.0	10.0	
53 2-Chloronaphthalene	162	6.263	6.269	-0.006	99	170981	10.0	10.1	
54 Phenyl ether	170	6.356	6.359	-0.003	85	128182	10.0	10.4	
55 2-Nitroaniline	65	6.385	6.391	-0.006	93	43515	10.0	9.86	
57 1,3-Dimethylnaphthalene	156	6.471	6.477	-0.006	93	139119	10.0	10.1	
58 Dimethyl phthalate	163	6.564	6.576	-0.012	100	193546	10.0	10.1	
59 Coumarin	146	6.580	6.586	-0.006	85	66635	10.0	9.89	
60 2,6-Dinitrotoluene	165	6.628	6.637	-0.009	92	44186	10.0	10.1	
63 Acenaphthylene	152	6.659	6.663	-0.004	98	264440	10.0	10.2	
64 3-Nitroaniline	65	6.784	6.790	-0.006	95	51800	10.0	9.71	a
* 65 Acenaphthene-d10	164	6.794	6.797	-0.003	95	571840	40.0	40.0	
66 3,5-di-tert-butyl-4-hydroxytol	205	6.822	6.826	-0.004	96	143767	10.0	9.95	
67 Acenaphthene	154	6.826	6.829	-0.003	96	158811	10.0	10.2	
68 2,4-Dinitrophenol	184	6.889	6.899	-0.010	95	40005	20.0	17.1	
69 4-Nitrophenol	65	6.953	6.966	-0.013	86	56258	20.0	19.2	
71 Dibenzofuran	168	6.992	6.998	-0.006	97	245736	10.0	10.1	
70 2,4-Dinitrotoluene	165	7.008	7.018	-0.010	97	58762	10.0	10.1	
72 2,3,4,6-Tetrachlorophenol	232	7.113	7.117	-0.004	97	53421	10.0	9.94	
73 Diethyl phthalate	149	7.241	7.251	-0.010	99	184113	10.0	9.80	
74 Fluorene	166	7.321	7.325	-0.004	95	195115	10.0	10.1	
75 4-Chlorophenyl phenyl ether	204	7.333	7.337	-0.004	92	93956	10.0	10.0	
76 4-Nitroaniline	138	7.369	7.389	-0.020	88	47174	10.0	9.51	
77 4,6-Dinitro-2-methylphenol	198	7.391	7.405	-0.014	93	73409	20.0	19.7	
78 N-Nitrosodiphenylamine	169	7.452	7.462	-0.010	68	140827	10.0	10.0	
79 1,2-Diphenylhydrazine	77	7.484	7.491	-0.007	57	175573	10.0	9.89	
134 Azobenzene	77	7.484	7.491	-0.007	96	174754	10.0	9.87	
$ 80 2,4,6-Tribromophenol	330	7.551	7.558	-0.007	89	48084	10.0	9.84	
81 4-Bromophenyl phenyl ether	248	7.800	7.801	-0.001	98	59433	10.0	9.63	
82 Hexachlorobenzene	284	7.829	7.833	-0.005	93	78903	10.0	9.90	
83 Atrazine	200	7.979	7.983	-0.004	95	54813	10.0	9.81	
84 Pentachlorophenol	266	8.030	8.038	-0.008	96	96980	20.0	19.6	
85 Pentachloronitrobenzene	237	8.036	8.041	-0.005	92	24297	10.0	9.83	
86 n-Octadecane	57	8.135	8.137	-0.002	89	113011	10.0	9.99	
* 87 Phenanthrene-d10	188	8.215	8.220	-0.005	98	1097126	40.0	40.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
88 Phenanthrene	178	8.237	8.242	-0.005	97	281801	10.0	10.1	
89 Anthracene	178	8.285	8.290	-0.005	99	286732	10.0	9.93	
90 Carbazole	167	8.455	8.460	-0.005	95	259954	10.0	9.84	
91 Di-n-butyl phthalate	149	8.806	8.811	-0.005	99	303156	10.0	9.79	a
92 Fluoranthene	202	9.371	9.373	-0.002	98	304207	10.0	10.0	
93 Benzidine	184	9.530	9.536	-0.006	100	162352	10.0	9.77	
94 Pyrene	202	9.584	9.591	-0.007	97	319111	10.0	10.2	
95 Bisphenol-A	213	9.668	9.674	-0.006	99	121354	10.0	9.56	
$ 96 Terphenyl-d14	244	9.757	9.760	-0.003	97	274800	10.0	10.1	
97 Butyl benzyl phthalate	149	10.249	10.255	-0.006	96	123700	10.0	9.60	
99 Carbamazepine	193	10.338	10.351	-0.013	93	90777	10.0	8.69	
101 Benzo[a]anthracene	228	10.788	10.792	-0.004	99	293008	10.0	9.73	
100 3,3'-Dichlorobenzidine	252	10.788	10.795	-0.007	98	122427	10.0	10.2	
* 102 Chrysene-d12	240	10.798	10.805	-0.007	99	914824	40.0	40.0	
103 Chrysene	228	10.827	10.834	-0.007	98	283808	10.0	10.0	
104 Bis(2-ethylhexyl) phthalate	149	10.865	10.866	-0.001	86	175696	10.0	9.57	
105 Di-n-octyl phthalate	149	11.647	11.652	-0.005	96	277296	10.0	9.35	
106 Benzo[b]fluoranthene	252	12.055	12.067	-0.012	99	287395	10.0	10.2	
107 Benzo[k]fluoranthene	252	12.091	12.105	-0.014	99	304566	10.0	10.1	
108 Benzo[a]pyrene	252	12.477	12.489	-0.012	97	268214	10.0	10.1	
* 109 Perylene-d12	264	12.560	12.566	-0.006	98	1045717	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	13.993	14.012	-0.019	99	287758	10.0	10.1	
111 Dibenz(a,h)anthracene	278	14.038	14.054	-0.016	98	293619	10.0	10.0	
112 Benzo[g,h,i]perylene	276	14.358	14.380	-0.022	98	277793	10.0	10.1	
S 119 Total Cresols	1				0			20.1	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

SV_BNA_L5_00006 Amount Added: 1.00 Units: mL

Report Date: 26-Apr-2024 09:57:44 Chrom Revision: 2.3 09-Apr-2024 17:43:44

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20240426-175162.b\Z85454.d

Injection Date: 26-Apr-2024 07:46:30 Instrument ID: CBNAMS11 Operator ID:

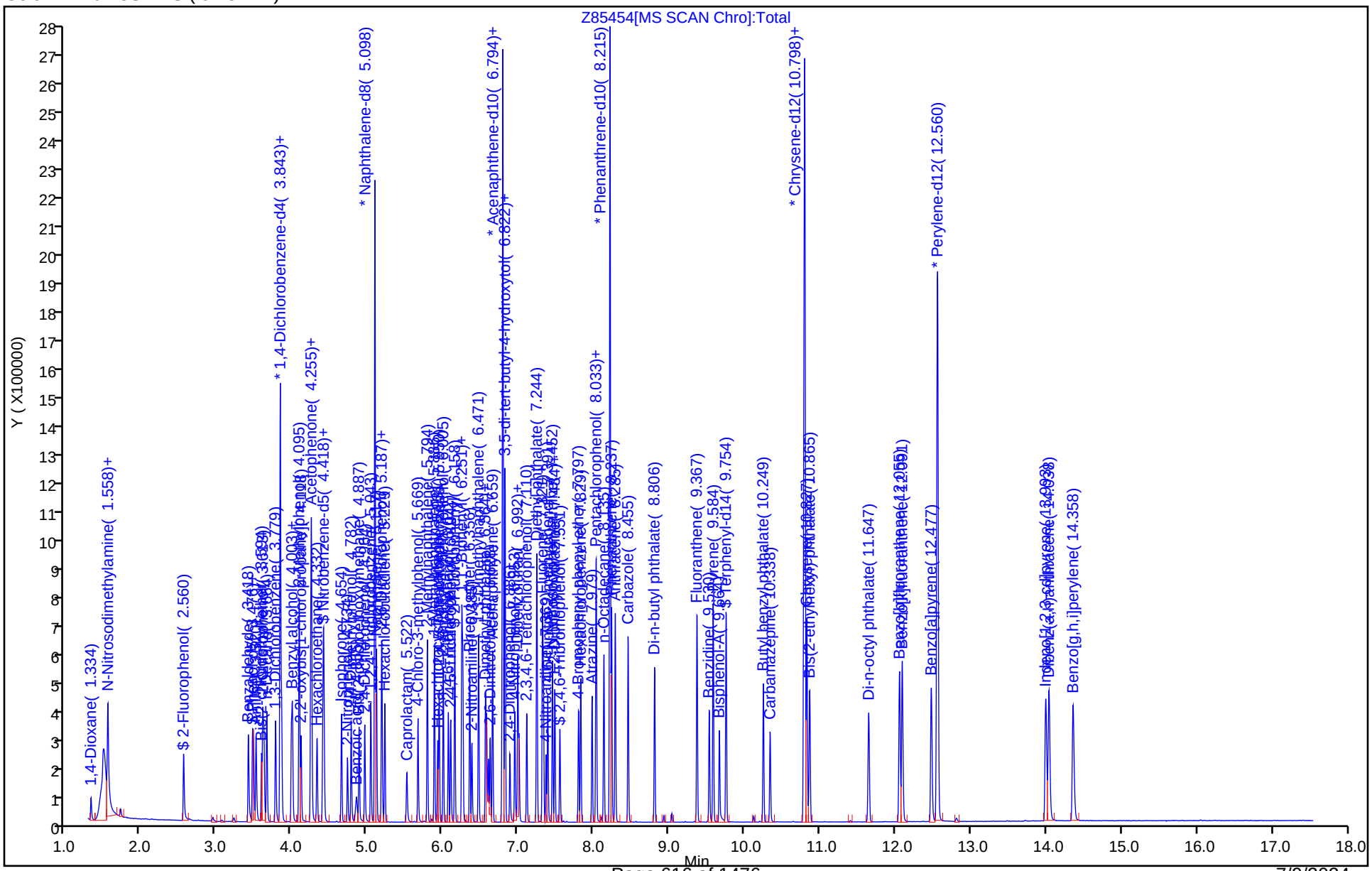
Lims ID: STD10 Worklist Smp#: 6

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 6

Method: 8270_11R_9 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



7/9/2024
8:32:15 AM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20240426-175162.b\Z85455.d
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 26-Apr-2024 08:08:30 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0175162-007
Operator ID: Instrument ID: CBNAMS11
Sublist: chrom-8270_11R_9*sub51

Method: \\chromfs\Edison\ChromData\CBNAMS11\20240426-175162.b\8270_11R_9.m
Limit Group: SV 8270E ICAL
Last Update: 26-Apr-2024 09:57:47 Calib Date: 26-Apr-2024 09:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS11\20240426-175162.b\Z85458.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1646

First Level Reviewer: G4KC Date: 26-Apr-2024 08:36:09

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.331	1.331	0.000	89	15199	5.00	4.88	
	2 N-Nitrosodimethylamine	74	1.548	1.545	0.003	100	20761	5.00	4.43	
	3 Pyridine	79	1.558	1.555	0.003	96	69563	10.0	9.87	
$	4 2-Fluorophenol	112	2.563	2.560	0.003	97	38762	5.00	4.84	
	5 Benzaldehyde	77	3.418	3.422	-0.004	97	32462	5.00	5.05	
$	6 Phenol-d5	99	3.476	3.483	-0.007	96	52357	5.00	5.08	
	7 Phenol	94	3.488	3.495	-0.007	96	49432	5.00	4.63	
	8 Aniline	93	3.520	3.527	-0.007	97	58934	5.00	4.82	
	9 Bis(2-chloroethyl)ether	93	3.594	3.601	-0.007	98	42202	5.00	5.07	
	11 2-Chlorophenol	128	3.626	3.630	-0.004	99	42830	5.00	4.86	
	12 n-Decane	43	3.664	3.668	-0.004	89	36611	5.00	4.94	
	13 1,3-Dichlorobenzene	146	3.782	3.783	-0.001	97	47765	5.00	5.00	
*	14 1,4-Dichlorobenzene-d4	152	3.843	3.844	-0.001	94	254789	40.0	40.0	
	15 1,4-Dichlorobenzene	146	3.862	3.863	-0.001	93	49664	5.00	5.07	
	16 Benzyl alcohol	108	3.990	3.997	-0.007	96	24536	5.00	4.48	
	17 1,2-Dichlorobenzene	146	4.002	4.007	-0.005	97	46611	5.00	5.04	
	18 2-Methylphenol	108	4.098	4.103	-0.004	90	36943	5.00	4.86	
	19 2,2'-oxybis[1-chloropropane]	45	4.117	4.122	-0.005	96	50309	5.00	5.05	
	20 N-Methylaniline	106	4.245	4.249	-0.004	98	64258	5.00	4.92	a
	22 Acetophenone	105	4.255	4.262	-0.007	92	60003	5.00	5.04	
	21 N-Nitrosodi-n-propylamine	70	4.255	4.265	-0.010	67	28974	5.00	5.14	
	23 3 & 4 Methylphenol	108	4.258	4.269	-0.011	79	45175	5.00	5.23	a
	24 4-Methylphenol	108	4.258	4.269	-0.011	82	45175	5.00	5.23	
	25 Hexachloroethane	117	4.328	4.333	-0.005	95	16899	5.00	5.02	
$	26 Nitrobenzene-d5	82	4.405	4.412	-0.007	85	42690	5.00	4.90	
	28 n,n'-Dimethylaniline	120	4.414	4.425	-0.011	96	65895	5.00	5.03	
	27 Nitrobenzene	123	4.424	4.435	-0.011	98	21711	5.00	5.27	
	31 Isophorone	82	4.654	4.665	-0.011	99	74469	5.00	4.84	
	32 2-Nitrophenol	139	4.737	4.738	-0.001	97	23669	5.00	4.82	
	33 2,4-Dimethylphenol	122	4.784	4.789	-0.005	93	31031	5.00	4.87	
	34 Bis(2-chloroethoxy)methane	93	4.887	4.895	-0.008	98	49883	5.00	4.96	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	4.842	4.924	-0.082	85	14065	5.00	5.17	
36 2,4-Dichlorophenol	162	4.963	4.968	-0.005	97	35092	5.00	4.91	
37 1,2,4-Trichlorobenzene	180	5.043	5.045	-0.002	93	40857	5.00	5.08	
* 38 Naphthalene-d8	136	5.097	5.103	-0.006	99	980167	40.0	40.0	
39 Naphthalene	128	5.120	5.122	-0.002	99	129937	5.00	5.12	
133 2,6-Dichlorophenol	162	5.187	5.189	-0.002	98	36824	5.00	5.06	
40 4-Chloroaniline	127	5.193	5.195	-0.002	98	52857	5.00	4.97	
41 Hexachlorobutadiene	225	5.228	5.234	-0.006	99	23661	5.00	5.06	
42 Caprolactam	113	5.512	5.604	-0.092	94	11959	5.00	4.63	
43 4-Chloro-3-methylphenol	107	5.669	5.675	-0.005	94	32658	5.00	4.79	
44 2-Methylnaphthalene	142	5.793	5.796	-0.003	85	85199	5.00	5.01	
45 1-Methylnaphthalene	142	5.886	5.889	-0.003	92	80045	5.00	5.14	
46 Hexachlorocyclopentadiene	237	5.931	5.933	-0.002	98	21774	5.00	4.47	
47 1,2,4,5-Tetrachlorobenzene	216	5.950	5.953	-0.003	99	42206	5.00	4.99	
48 2-tertbutyl-4-methylphenol	149	6.004	6.010	-0.006	93	50877	5.00	4.88	
49 2,4,6-Trichlorophenol	196	6.071	6.074	-0.003	92	26490	5.00	4.75	
50 2,4,5-Trichlorophenol	196	6.103	6.106	-0.003	98	29252	5.00	4.72	
$ 51 2-Fluorobiphenyl	172	6.157	6.161	-0.004	98	103970	5.00	5.07	
52 1,1'-Biphenyl	154	6.250	6.256	-0.006	96	104317	5.00	5.00	
53 2-Chloronaphthalene	162	6.263	6.269	-0.006	99	81431	5.00	4.95	
54 Phenyl ether	170	6.355	6.359	-0.004	86	61035	5.00	5.09	
55 2-Nitroaniline	65	6.384	6.391	-0.007	92	19787	5.00	4.63	
57 1,3-Dimethylnaphthalene	156	6.473	6.477	-0.004	93	67122	5.00	5.03	
58 Dimethyl phthalate	163	6.563	6.576	-0.013	99	94488	5.00	5.07	
59 Coumarin	146	6.579	6.586	-0.007	83	31843	5.00	4.96	
60 2,6-Dinitrotoluene	165	6.627	6.637	-0.010	91	21557	5.00	5.09	
63 Acenaphthylene	152	6.659	6.663	-0.004	98	125536	5.00	4.99	
64 3-Nitroaniline	65	6.783	6.790	-0.007	95	26148	5.00	5.06	a
* 65 Acenaphthene-d10	164	6.796	6.797	-0.001	95	553450	40.0	40.0	
66 3,5-di-tert-butyl-4-hydroxytol	205	6.822	6.826	-0.004	96	69360	5.00	4.96	
67 Acenaphthene	154	6.825	6.829	-0.004	96	75653	5.00	5.01	
68 2,4-Dinitrophenol	184	6.889	6.899	-0.010	95	14324	10.0	9.12	
69 4-Nitrophenol	65	6.953	6.966	-0.013	86	23910	10.0	8.41	
71 Dibenzofuran	168	6.994	6.998	-0.004	97	122464	5.00	5.18	
70 2,4-Dinitrotoluene	165	7.010	7.018	-0.008	97	28275	5.00	5.02	
72 2,3,4,6-Tetrachlorophenol	232	7.112	7.117	-0.005	97	25131	5.00	4.83	
73 Diethyl phthalate	149	7.240	7.251	-0.011	98	96062	5.00	5.29	
74 Fluorene	166	7.320	7.325	-0.005	94	93269	5.00	5.00	
75 4-Chlorophenyl phenyl ether	204	7.333	7.337	-0.004	93	45548	5.00	5.02	
76 4-Nitroaniline	138	7.368	7.389	-0.021	88	23231	5.00	4.84	
77 4,6-Dinitro-2-methylphenol	198	7.390	7.405	-0.015	93	33722	10.0	9.27	
78 N-Nitrosodiphenylamine	169	7.454	7.462	-0.008	68	68888	5.00	5.00	
79 1,2-Diphenylhydrazine	77	7.483	7.491	-0.008	50	84038	5.00	4.84	
134 Azobenzene	77	7.483	7.491	-0.008	96	83498	5.00	4.82	
$ 80 2,4,6-Tribromophenol	330	7.553	7.558	-0.005	90	23030	5.00	4.87	
81 4-Bromophenyl phenyl ether	248	7.799	7.801	-0.002	97	30506	5.00	5.05	
82 Hexachlorobenzene	284	7.827	7.833	-0.006	93	39064	5.00	5.01	
83 Atrazine	200	7.977	7.983	-0.006	95	26487	5.00	4.84	
84 Pentachlorophenol	266	8.029	8.038	-0.009	96	45382	10.0	9.36	
85 Pentachloronitrobenzene	237	8.035	8.041	-0.006	92	11495	5.00	4.75	
86 n-Octadecane	57	8.134	8.137	-0.003	89	53383	5.00	4.82	
* 87 Phenanthrene-d10	188	8.217	8.220	-0.003	98	1073698	40.0	40.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
88 Phenanthrene	178	8.236	8.242	-0.006	97	139386	5.00	5.09	
89 Anthracene	178	8.284	8.290	-0.006	99	143940	5.00	5.10	
90 Carbazole	167	8.457	8.460	-0.003	95	129571	5.00	5.01	
91 Di-n-butyl phthalate	149	8.808	8.811	-0.003	99	147159	5.00	4.86	a
92 Fluoranthene	202	9.369	9.373	-0.004	98	146813	5.00	4.94	
93 Benzidine	184	9.532	9.536	-0.004	99	81239	5.00	5.00	
94 Pyrene	202	9.583	9.591	-0.008	97	156214	5.00	5.06	
95 Bisphenol-A	213	9.666	9.674	-0.008	98	52154	5.00	4.16	
$ 96 Terphenyl-d14	244	9.756	9.760	-0.004	97	134773	5.00	5.01	
97 Butyl benzyl phthalate	149	10.250	10.255	-0.005	95	57490	5.00	4.51	
99 Carbamazepine	193	10.340	10.351	-0.011	93	37405	5.00	3.62	
101 Benzo[a]anthracene	228	10.790	10.792	-0.002	99	144171	5.00	4.84	
100 3,3'-Dichlorobenzidine	252	10.786	10.795	-0.009	96	57603	5.00	4.83	
* 102 Chrysene-d12	240	10.799	10.805	-0.006	99	904457	40.0	40.0	
103 Chrysene	228	10.825	10.834	-0.009	99	142567	5.00	5.09	
104 Bis(2-ethylhexyl) phthalate	149	10.863	10.866	-0.003	86	82818	5.00	4.56	
105 Di-n-octyl phthalate	149	11.645	11.652	-0.007	96	125519	5.00	4.21	
106 Benzo[b]fluoranthene	252	12.054	12.067	-0.013	99	135249	5.00	4.76	
107 Benzo[k]fluoranthene	252	12.092	12.105	-0.013	99	152908	5.00	5.05	
108 Benzo[a]pyrene	252	12.478	12.489	-0.011	97	129273	5.00	4.86	
* 109 Perylene-d12	264	12.561	12.566	-0.005	98	1051395	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	13.995	14.012	-0.017	99	140435	5.00	4.89	
111 Dibenz(a,h)anthracene	278	14.036	14.054	-0.018	98	142045	5.00	4.82	
112 Benzo[g,h,i]perylene	276	14.356	14.380	-0.024	99	135739	5.00	4.89	
S 119 Total Cresols	1				0			10.1	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

SV_BNA_L4_00006 Amount Added: 1.00 Units: mL

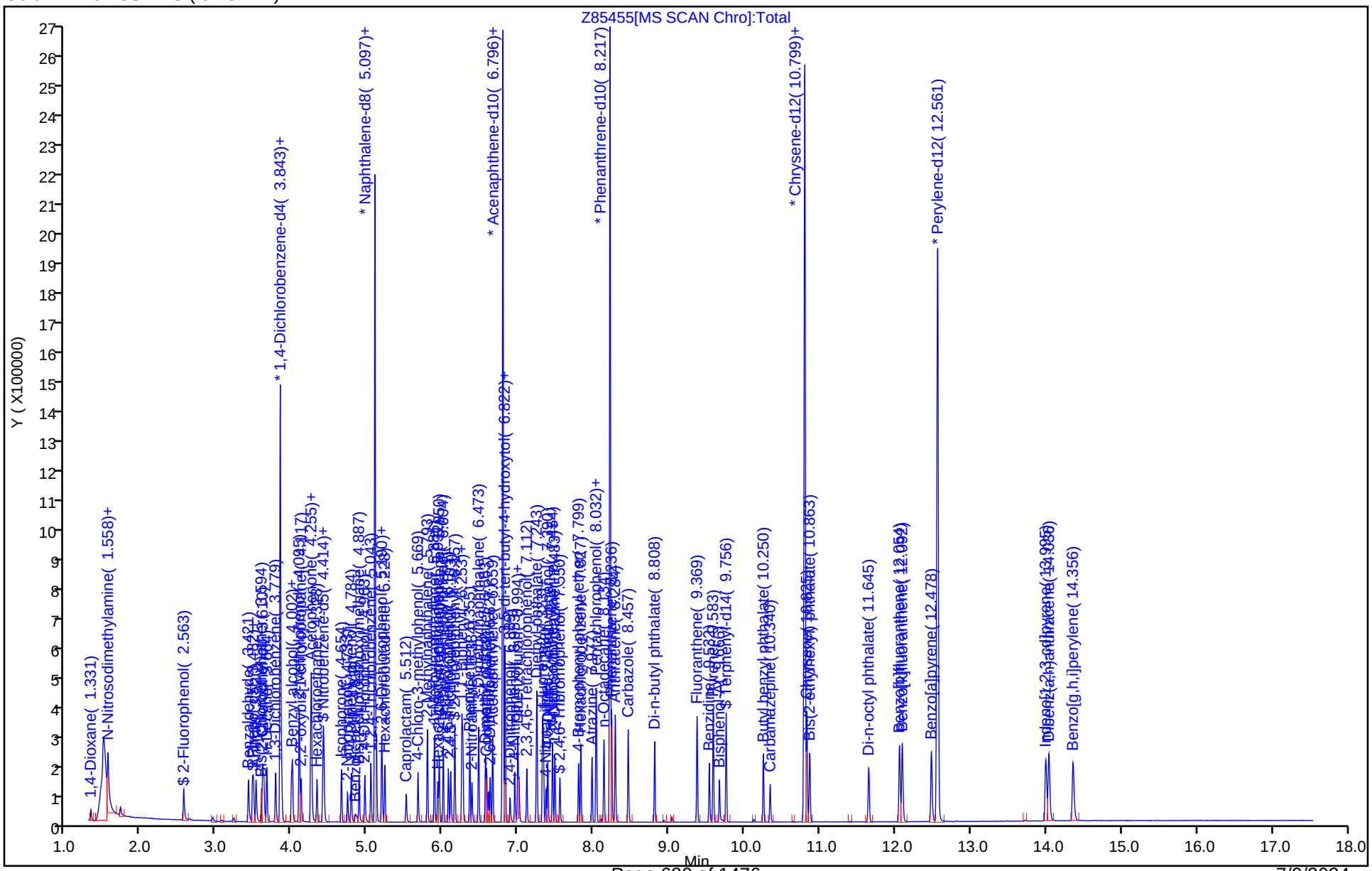
Report Date: 26-Apr-2024 09:57:49 Chrom Revision: 2.3 09-Apr-2024 17:43:44

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20240426-175162.b\Z85455.d

Injection Date:	26-Apr-2024 08:08:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	STD5			Worklist Smp#:	7
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8270_11R_9	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



7/9/2024
8:32:15 AM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20240426-175162.b\Z85456.d
Lims ID: STD2
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 26-Apr-2024 08:31:30 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0175162-008
Operator ID: Instrument ID: CBNAMS11
Sublist: chrom-8270_11R_9*sub51

Method: \\chromfs\Edison\ChromData\CBNAMS11\20240426-175162.b\8270_11R_9.m
Limit Group: SV 8270E ICAL
Last Update: 26-Apr-2024 09:57:53 Calib Date: 26-Apr-2024 09:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS11\20240426-175162.b\Z85458.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1646

First Level Reviewer: G4KC Date: 26-Apr-2024 08:54:43

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.334	1.331	0.003	88	5889	2.00	1.95	
3 Pyridine	79	1.567	1.555	0.012	95	22950	4.00	3.36	
$ 4 2-Fluorophenol	112	2.566	2.560	0.006	97	14118	2.00	1.82	
5 Benzaldehyde	77	3.424	3.422	0.002	98	12133	2.00	1.95	
$ 6 Phenol-d5	99	3.479	3.483	-0.004	96	19065	2.00	1.91	
9 Bis(2-chloroethyl)ether	93	3.597	3.601	-0.004	97	16900	2.00	2.10	
* 14 1,4-Dichlorobenzene-d4	152	3.843	3.844	-0.002	94	246586	40.0	40.0	
21 N-Nitrosodi-n-propylamine	70	4.254	4.265	-0.011	70	10581	2.00	1.94	
25 Hexachloroethane	117	4.331	4.333	-0.002	93	6296	2.00	1.93	
$ 26 Nitrobenzene-d5	82	4.408	4.412	-0.004	85	16308	2.00	1.93	
28 n,n'-Dimethylaniline	120	4.417	4.425	-0.008	97	26174	2.00	2.06	
27 Nitrobenzene	123	4.427	4.435	-0.008	97	7688	2.00	1.93	
31 Isophorone	82	4.653	4.665	-0.012	98	30066	2.00	2.01	
36 2,4-Dichlorophenol	162	4.966	4.968	-0.002	97	11995	2.00	1.73	
37 1,2,4-Trichlorobenzene	180	5.046	5.045	0.001	94	15421	2.00	1.97	
* 38 Naphthalene-d8	136	5.097	5.103	-0.006	99	952487	40.0	40.0	
133 2,6-Dichlorophenol	162	5.186	5.189	-0.003	97	13083	2.00	1.85	
41 Hexachlorobutadiene	225	5.231	5.234	-0.003	98	8945	2.00	1.97	
42 Caprolactam	113	5.505	5.604	-0.099	95	3923	2.00	2.01	
49 2,4,6-Trichlorophenol	196	6.074	6.074	0.000	92	10248	2.00	1.94	
$ 51 2-Fluorobiphenyl	172	6.157	6.161	-0.004	97	39854	2.00	2.06	
60 2,6-Dinitrotoluene	165	6.626	6.637	-0.011	90	8055	2.00	2.01	
* 65 Acenaphthene-d10	164	6.795	6.797	-0.002	96	523372	40.0	40.0	
68 2,4-Dinitrophenol	184	6.897	6.899	-0.002	93	2243	4.00	5.19	
70 2,4-Dinitrotoluene	165	7.009	7.018	-0.009	97	9690	2.00	1.82	
77 4,6-Dinitro-2-methylphenol	198	7.389	7.405	-0.016	94	9389	4.00	2.76	
$ 80 2,4,6-Tribromophenol	330	7.552	7.558	-0.006	89	7830	2.00	1.75	
82 Hexachlorobenzene	284	7.826	7.833	-0.007	92	15256	2.00	2.09	
83 Atrazine	200	7.976	7.983	-0.007	94	10057	2.00	1.96	
84 Pentachlorophenol	266	8.030	8.038	-0.008	95	14495	4.00	3.19	
* 87 Phenanthrene-d10	188	8.215	8.220	-0.005	98	1005674	40.0	40.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
91 Di-n-butyl phthalate	149	8.806	8.811	-0.005	99	52164	2.00	1.84	Ma
$ 96 Terphenyl-d14	244	9.757	9.760	-0.003	97	51552	2.00	2.01	
101 Benzo[a]anthracene	228	10.788	10.792	-0.004	99	56199	2.00	1.98	
100 3,3'-Dichlorobenzidine	252	10.788	10.795	-0.007	71	19790	2.00	1.74	
* 102 Chrysene-d12	240	10.797	10.805	-0.008	99	860858	40.0	40.0	
106 Benzo[b]fluoranthene	252	12.055	12.067	-0.012	99	51013	2.00	1.88	
107 Benzo[k]fluoranthene	252	12.093	12.105	-0.012	99	58795	2.00	2.03	
108 Benzo[a]pyrene	252	12.479	12.489	-0.010	97	48915	2.00	1.92	
* 109 Perylene-d12	264	12.559	12.566	-0.007	98	1004878	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	13.995	14.012	-0.017	99	49433	2.00	1.80	
111 Dibenz(a,h)anthracene	278	14.040	14.054	-0.014	98	52391	2.00	1.86	
112 Benzo[g,h,i]perylene	276	14.359	14.380	-0.021	98	49563	2.00	1.87	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SV_BNA_L3_00006 Amount Added: 1.00 Units: mL

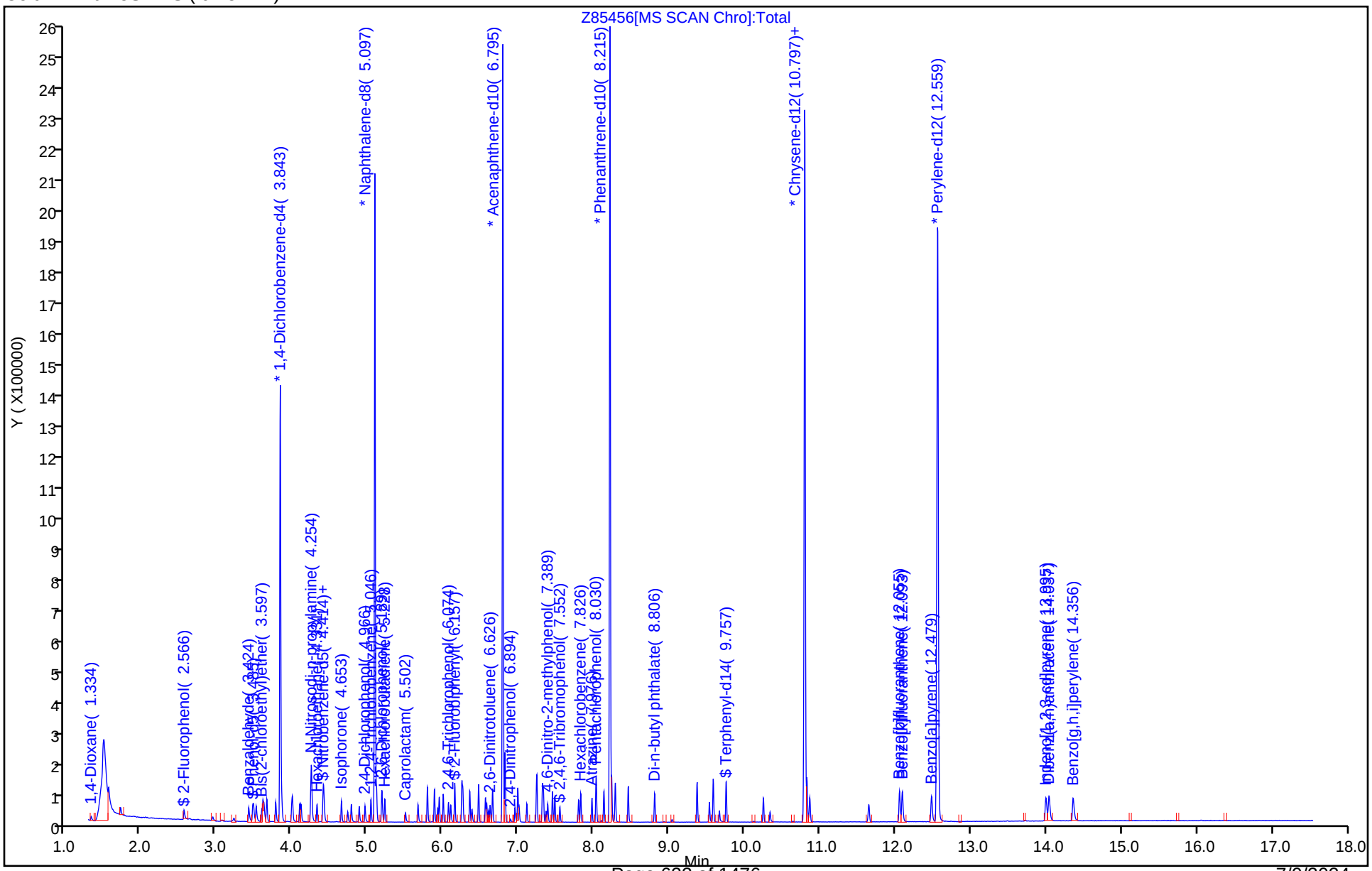
Report Date: 26-Apr-2024 09:57:55 Chrom Revision: 2.3 09-Apr-2024 17:43:44

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20240426-175162.b\Z85456.d

Injection Date:	26-Apr-2024 08:31:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	STD2			Worklist Smp#:	8
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8270_11R_9	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



7/9/2024
8:32:15 AM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20240426-175162.b\Z85457.d
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 26-Apr-2024 08:53:30 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0175162-009
Operator ID: Instrument ID: CBNAMS11
Sublist: chrom-8270_11R_9*sub51

Method: \\chromfs\Edison\ChromData\CBNAMS11\20240426-175162.b\8270_11R_9.m
Limit Group: SV 8270E ICAL
Last Update: 26-Apr-2024 09:57:57 Calib Date: 26-Apr-2024 09:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS11\20240426-175162.b\Z85458.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1646

First Level Reviewer: G4KC Date: 26-Apr-2024 09:17:30

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.334	1.331	0.003	95	3317	1.00	1.10	
3 Pyridine	79	1.577	1.555	0.022	95	13440	2.00	1.97	M
$ 4 2-Fluorophenol	112	2.572	2.560	0.012	96	5855	1.00	0.7539	
5 Benzaldehyde	77	3.428	3.422	0.006	95	5598	1.00	0.8978	
$ 6 Phenol-d5	99	3.482	3.483	-0.001	94	8975	1.00	0.8982	
9 Bis(2-chloroethyl)ether	93	3.600	3.601	-0.001	98	8217	1.00	1.02	
* 14 1,4-Dichlorobenzene-d4	152	3.843	3.844	-0.001	94	247251	40.0	40.0	
21 N-Nitrosodi-n-propylamine	70	4.254	4.265	-0.011	75	5308	1.00	0.9705	
25 Hexachloroethane	117	4.328	4.333	-0.005	93	3302	1.00	1.01	
$ 26 Nitrobenzene-d5	82	4.407	4.412	-0.005	85	7748	1.00	0.9249	
28 n,n'-Dimethylaniline	120	4.417	4.425	-0.008	95	12465	1.00	0.9804	a
27 Nitrobenzene	123	4.427	4.435	-0.008	95	3589	1.00	0.8983	
37 1,2,4-Trichlorobenzene	180	5.046	5.045	0.001	92	7831	1.00	1.01	
* 38 Naphthalene-d8	136	5.097	5.103	-0.006	99	943264	40.0	40.0	
41 Hexachlorobutadiene	225	5.231	5.234	-0.003	98	4618	1.00	1.03	
42 Caprolactam	113	5.505	5.604	-0.099	90	1701	1.00	1.26	a
$ 51 2-Fluorobiphenyl	172	6.160	6.161	-0.001	97	18666	1.00	0.9608	
60 2,6-Dinitrotoluene	165	6.626	6.637	-0.011	95	3276	1.00	0.8167	
* 65 Acenaphthene-d10	164	6.795	6.797	-0.002	95	524317	40.0	40.0	
70 2,4-Dinitrotoluene	165	7.012	7.018	-0.006	95	4519	1.00	0.8476	a
$ 80 2,4,6-Tribromophenol	330	7.551	7.558	-0.007	87	4022	1.00	0.8975	
82 Hexachlorobenzene	284	7.829	7.833	-0.004	93	7532	1.00	1.02	
83 Atrazine	200	7.976	7.983	-0.007	94	4399	1.00	0.8476	
* 87 Phenanthrene-d10	188	8.215	8.220	-0.005	98	1019280	40.0	40.0	
$ 96 Terphenyl-d14	244	9.756	9.760	-0.004	97	23599	1.00	0.9289	
101 Benzo[a]anthracene	228	10.787	10.792	-0.005	98	29169	1.00	1.04	
* 102 Chrysene-d12	240	10.796	10.805	-0.009	99	854355	40.0	40.0	
106 Benzo[b]fluoranthene	252	12.057	12.067	-0.010	98	25180	1.00	0.9427	
107 Benzo[k]fluoranthene	252	12.092	12.105	-0.013	99	27584	1.00	0.9682	
108 Benzo[a]pyrene	252	12.482	12.489	-0.007	97	23467	1.00	0.9371	
* 109 Perylene-d12	264	12.558	12.566	-0.008	99	988982	40.0	40.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
110 Indeno[1,2,3-cd]pyrene	276	13.998	14.012	-0.014	98	23258	1.00	0.8612	
111 Dibenz(a,h)anthracene	278	14.039	14.054	-0.015	97	25552	1.00	0.9226	
112 Benzo[g,h,i]perylene	276	14.359	14.380	-0.021	87	24469	1.00	0.9380	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SV_BNA_L2_00006 Amount Added: 1.00 Units: mL

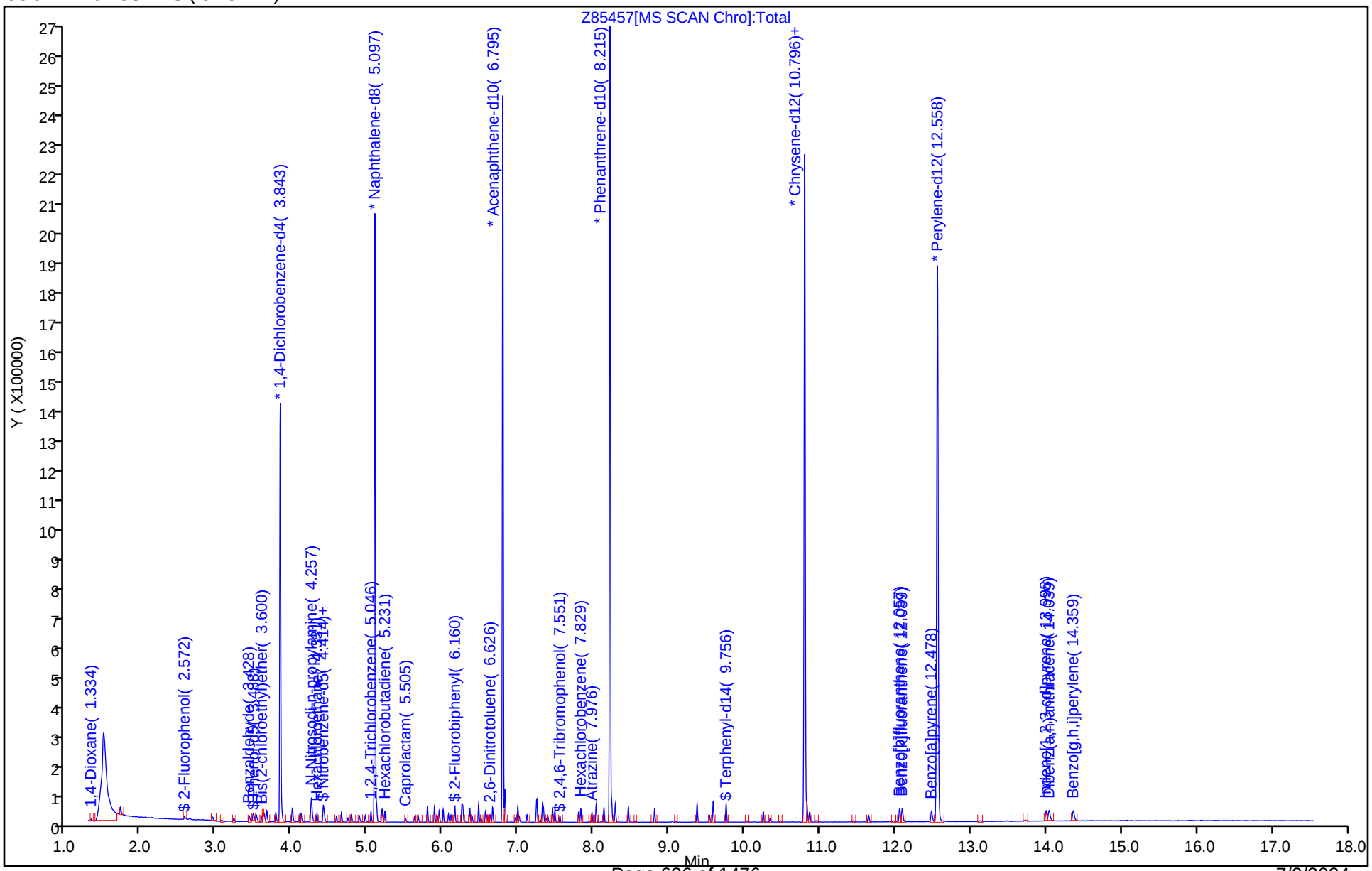
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Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20240426-175162.b\Z85457.d

Injection Date:	26-Apr-2024 08:53:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	STD1			Worklist Smp#:	9
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	8270_11R_9	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



7/9/2024
8:32:15 AM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20240426-175162.b\Z85458.d
Lims ID: STD05
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 26-Apr-2024 09:15:30 ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0175162-010
Operator ID: Instrument ID: CBNAMS11
Sublist: chrom-8270_11R_9*sub51

Method: \\chromfs\Edison\ChromData\CBNAMS11\20240426-175162.b\8270_11R_9.m
Limit Group: SV 8270E ICAL
Last Update: 26-Apr-2024 09:58:02 Calib Date: 26-Apr-2024 09:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS11\20240426-175162.b\Z85458.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1646

First Level Reviewer: G4KC Date: 26-Apr-2024 09:39:00

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.337	1.331	0.006	92	1644	0.5000	0.5621	
$ 6 Phenol-d5	99	3.488	3.483	0.005	94	3577	0.5000	0.3701	
9 Bis(2-chloroethyl)ether	93	3.603	3.601	0.002	96	3697	0.5000	0.4728	
* 14 1,4-Dichlorobenzene-d4	152	3.842	3.844	-0.002	94	239164	40.0	40.0	
21 N-Nitrosodi-n-propylamine	70	4.257	4.265	-0.008	75	2280	0.5000	0.4310	
25 Hexachloroethane	117	4.327	4.333	-0.006	92	1529	0.5000	0.4835	
$ 26 Nitrobenzene-d5	82	4.414	4.412	0.002	87	3337	0.5000	0.4089	
28 n,n'-Dimethylaniline	120	4.420	4.425	-0.005	95	5628	0.5000	0.4576	a
27 Nitrobenzene	123	4.433	4.435	-0.002	95	1458	0.5000	0.3772	
37 1,2,4-Trichlorobenzene	180	5.045	5.045	0.000	90	3461	0.5000	0.4594	
* 38 Naphthalene-d8	136	5.096	5.103	-0.007	99	918962	40.0	40.0	
$ 51 2-Fluorobiphenyl	172	6.159	6.161	-0.002	97	8875	0.5000	0.4704	
* 65 Acenaphthene-d10	164	6.794	6.797	-0.003	95	509219	40.0	40.0	
82 Hexachlorobenzene	284	7.828	7.833	-0.005	89	3224	0.5000	0.4408	
* 87 Phenanthrene-d10	188	8.214	8.220	-0.006	98	1006924	40.0	40.0	
$ 96 Terphenyl-d14	244	9.755	9.760	-0.005	97	10892	0.5000	0.4314	
101 Benzo[a]anthracene	228	10.786	10.792	-0.006	98	14546	0.5000	0.5207	
* 102 Chrysene-d12	240	10.798	10.805	-0.007	99	849062	40.0	40.0	
106 Benzo[b]fluoranthene	252	12.056	12.067	-0.011	98	11696	0.5000	0.4410	
107 Benzo[k]fluoranthene	252	12.094	12.105	-0.011	98	13525	0.5000	0.4781	
108 Benzo[a]pyrene	252	12.480	12.489	-0.009	97	11076	0.5000	0.4455	
* 109 Perylene-d12	264	12.557	12.566	-0.009	99	981904	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	13.999	14.012	-0.013	98	10485	0.5000	0.3910	
111 Dibenz(a,h)anthracene	278	14.041	14.054	-0.013	96	12020	0.5000	0.4371	
112 Benzo[g,h,i]perylene	276	14.357	14.380	-0.023	97	11900	0.5000	0.4595	

QC Flag Legend
Processing Flags

Review Flags
a - User Assigned ID

Reagents:

SV_BNA_L1_00006 Amount Added: 1.00 Units: mL

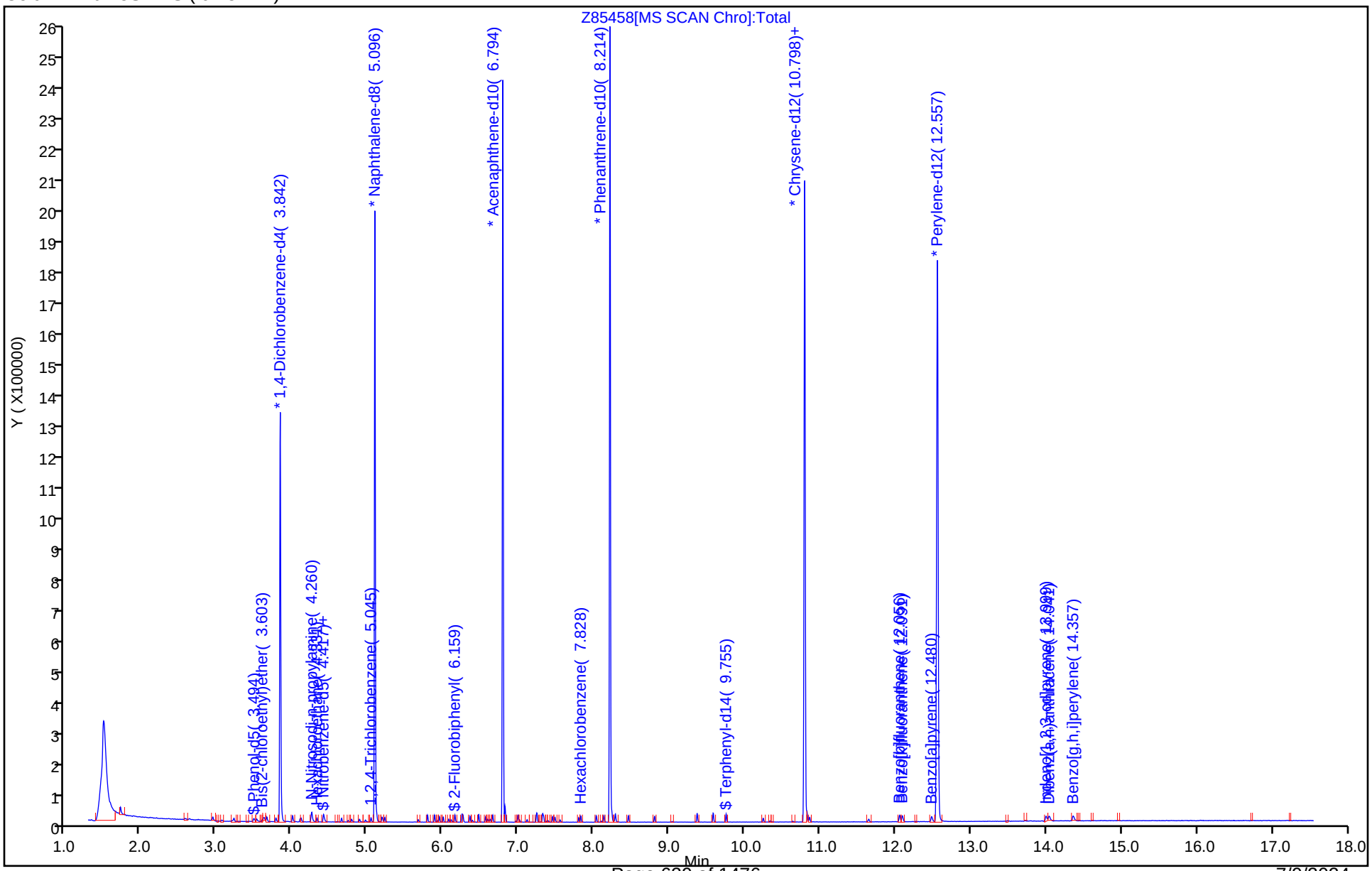
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Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20240426-175162.b\Z85458.d

Injection Date:	26-Apr-2024 09:15:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	STD05			Worklist Smp#:	10
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	8270_11R_9	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



7/9/2024
8:32:15 AM

Calibration / 1,4-Dioxane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

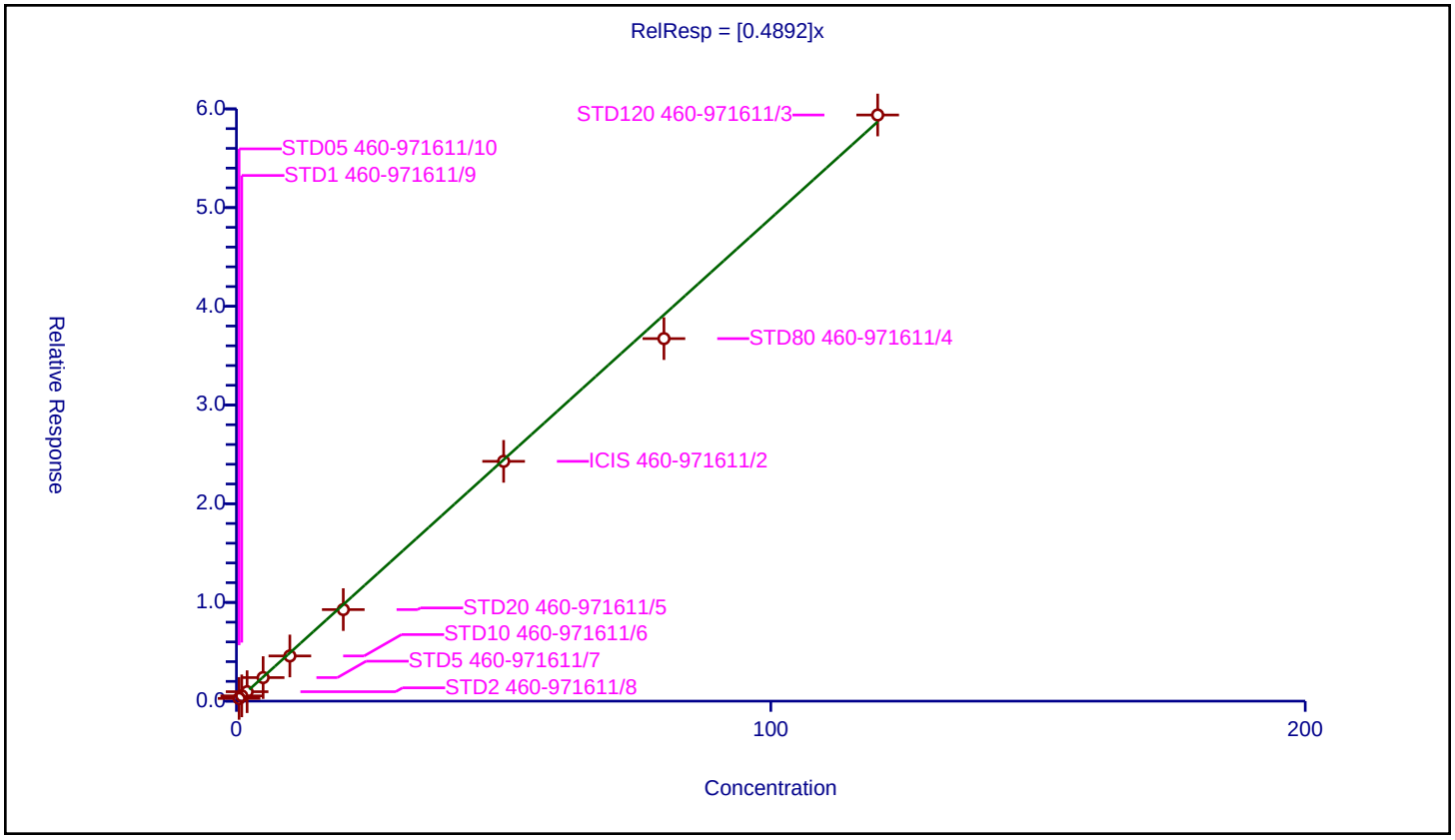
Curve Coefficients

Intercept:	0
Slope:	0.4892

Error Coefficients

Relative Standard Deviation:	6.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-971611/10	0.5	0.274958	40.0	239164.0	0.549916	Y
2	STD1 460-971611/9	1.0	0.536621	40.0	247251.0	0.536621	Y
3	STD2 460-971611/8	2.0	0.955285	40.0	246586.0	0.477643	Y
4	STD5 460-971611/7	5.0	2.386131	40.0	254789.0	0.477226	Y
5	STD10 460-971611/6	10.0	4.577774	40.0	269808.0	0.457777	Y
6	STD20 460-971611/5	20.0	9.274674	40.0	265963.0	0.463734	Y
7	ICIS 460-971611/2	50.0	24.294248	40.0	270846.0	0.485885	Y
8	STD80 460-971611/4	80.0	36.727654	40.0	296729.0	0.459096	Y
9	STD120 460-971611/3	120.0	59.381481	40.0	264632.0	0.494846	Y



7/9/2024
8:32:15 AM

Calibration / N-Nitrosodimethylamine

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

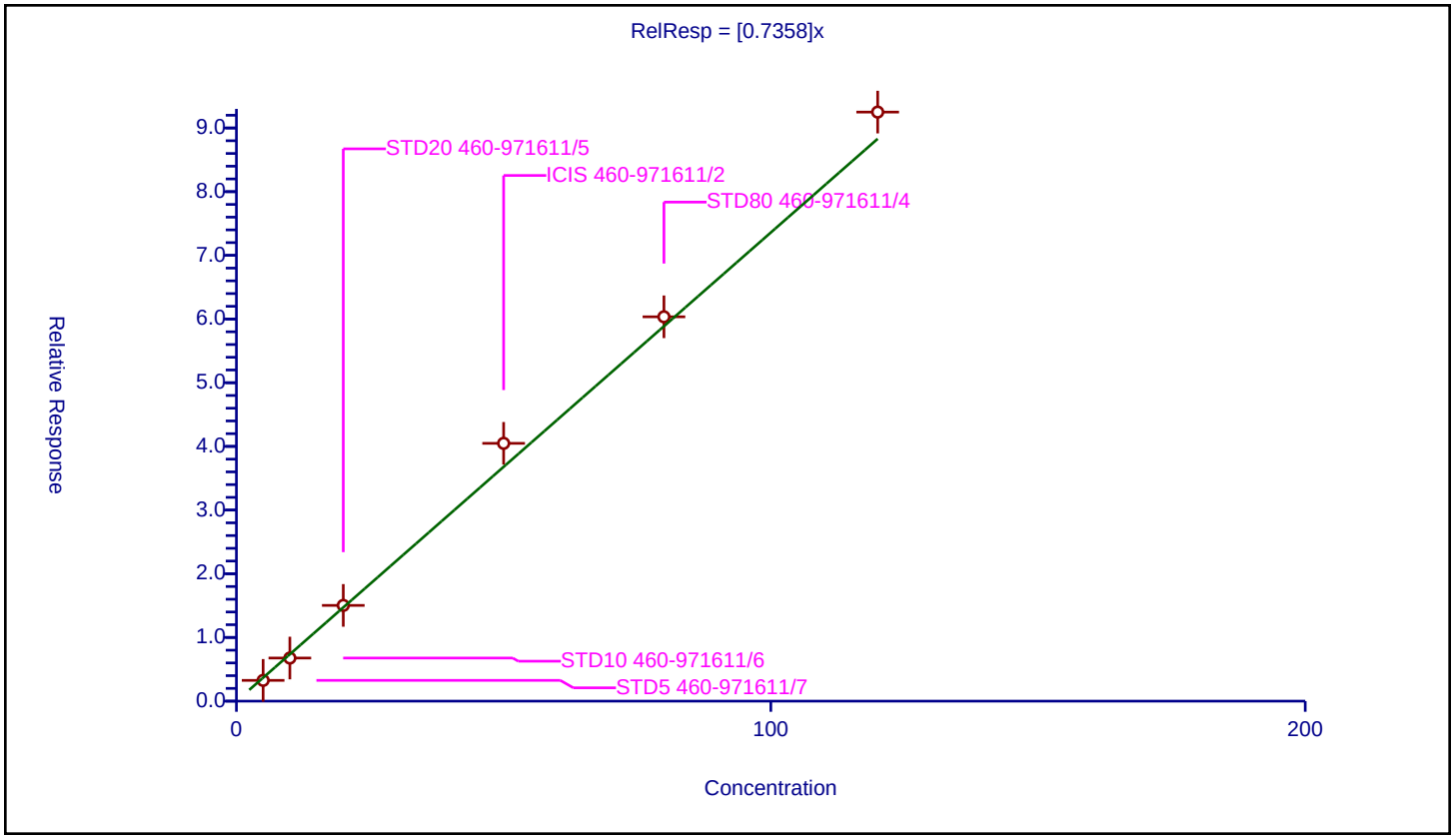
Curve Coefficients

Intercept:	0
Slope:	0.7358

Error Coefficients

Relative Standard Deviation:	8.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-971611/7	5.0	3.259324	40.0	254789.0	0.651865	Y
2	STD10 460-971611/6	10.0	6.767331	40.0	269808.0	0.676733	Y
3	STD20 460-971611/5	20.0	15.031715	40.0	265963.0	0.751586	Y
4	ICIS 460-971611/2	50.0	40.483817	40.0	270846.0	0.809676	Y
5	STD80 460-971611/4	80.0	60.351499	40.0	296729.0	0.754394	Y
6	STD120 460-971611/3	120.0	92.499018	40.0	264632.0	0.770825	Y



Calibration / Pyridine

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

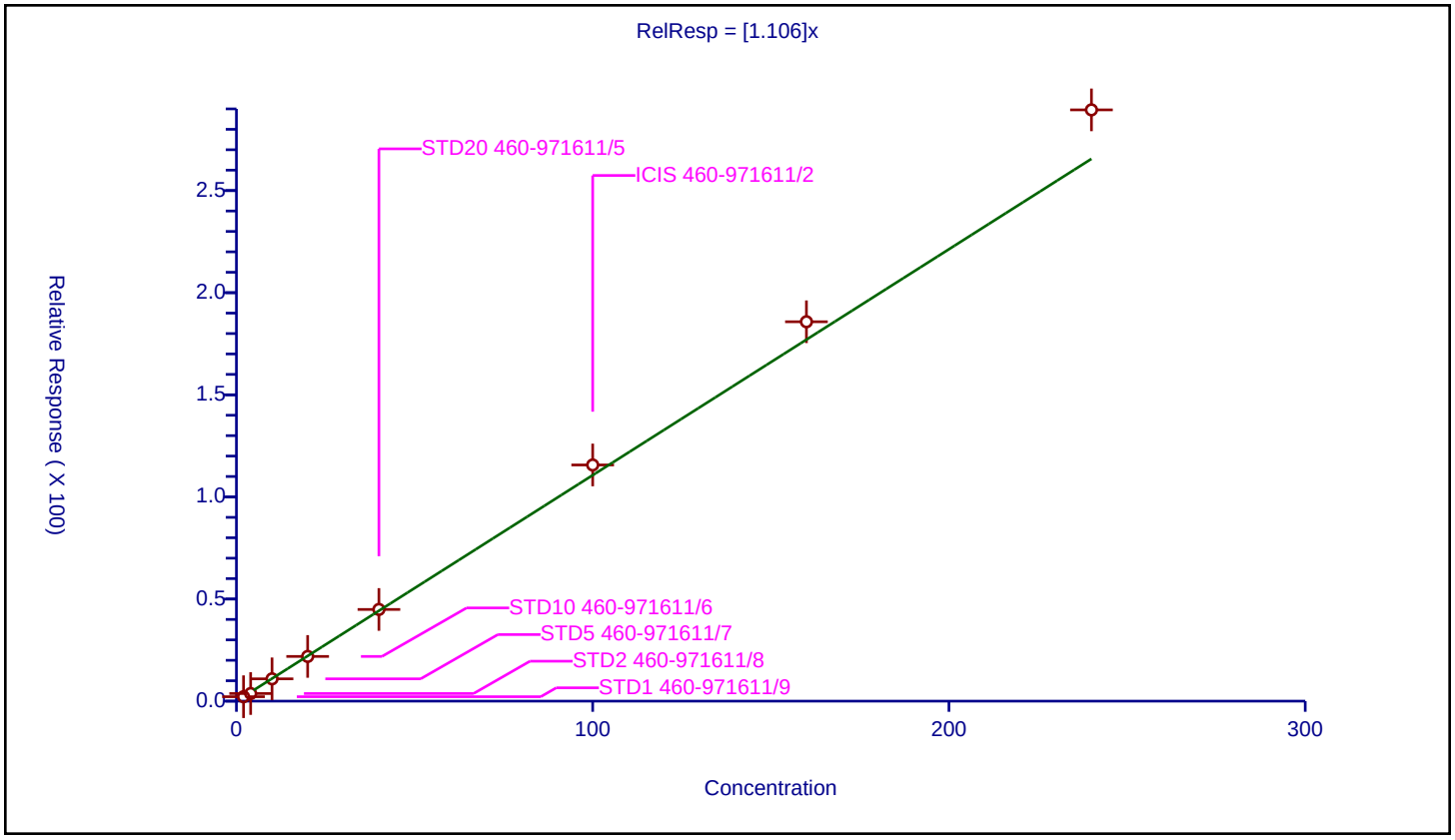
Curve Coefficients

Intercept:	0
Slope:	1.106

Error Coefficients

Relative Standard Deviation:	7.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-971611/9	2.0	2.174309	40.0	247251.0	1.087154	Y
2	STD2 460-971611/8	4.0	3.722839	40.0	246586.0	0.93071	Y
3	STD5 460-971611/7	10.0	10.92088	40.0	254789.0	1.092088	Y
4	STD10 460-971611/6	20.0	21.896608	40.0	269808.0	1.09483	Y
5	STD20 460-971611/5	40.0	44.901434	40.0	265963.0	1.122536	Y
6	ICIS 460-971611/2	100.0	115.642542	40.0	270846.0	1.156425	Y
7	STD80 460-971611/4	160.0	185.768833	40.0	296729.0	1.161055	Y
8	STD120 460-971611/3	240.0	289.52296	40.0	264632.0	1.206346	Y



7/9/2024
8:32:15 AM

Calibration / 2-Fluorophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

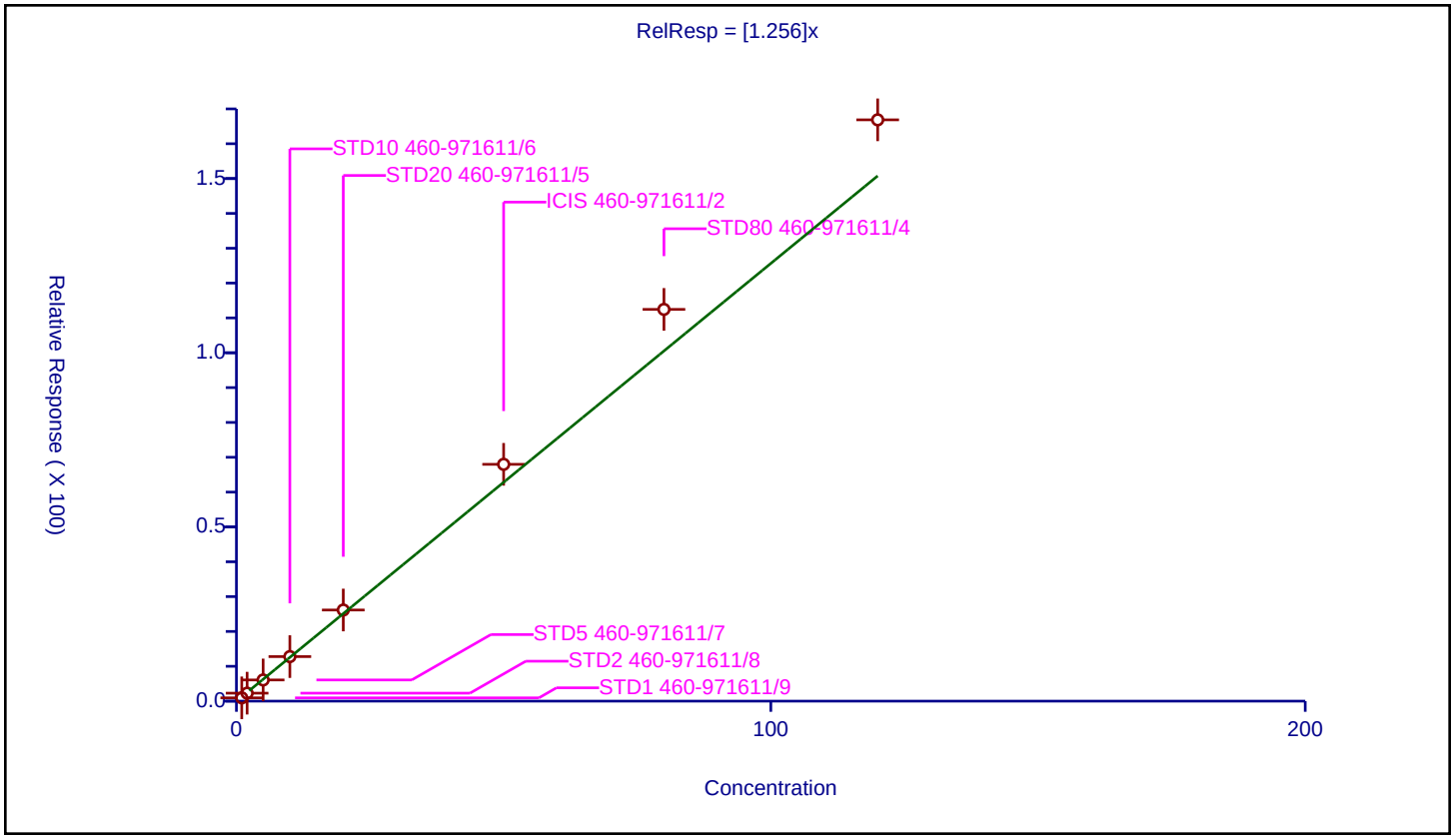
Curve Coefficients

Intercept:	0
Slope:	1.256

Error Coefficients

Relative Standard Deviation:	12.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-971611/9	1.0	0.947216	40.0	247251.0	0.947216	Y
2	STD2 460-971611/8	2.0	2.290154	40.0	246586.0	1.145077	Y
3	STD5 460-971611/7	5.0	6.085349	40.0	254789.0	1.21707	Y
4	STD10 460-971611/6	10.0	12.786129	40.0	269808.0	1.278613	Y
5	STD20 460-971611/5	20.0	26.154315	40.0	265963.0	1.307716	Y
6	ICIS 460-971611/2	50.0	67.978704	40.0	270846.0	1.359574	Y
7	STD80 460-971611/4	80.0	112.445228	40.0	296729.0	1.405565	Y
8	STD120 460-971611/3	120.0	166.855104	40.0	264632.0	1.390459	Y



7/9/2024
8:32:15 AM

Calibration / Benzaldehyde

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

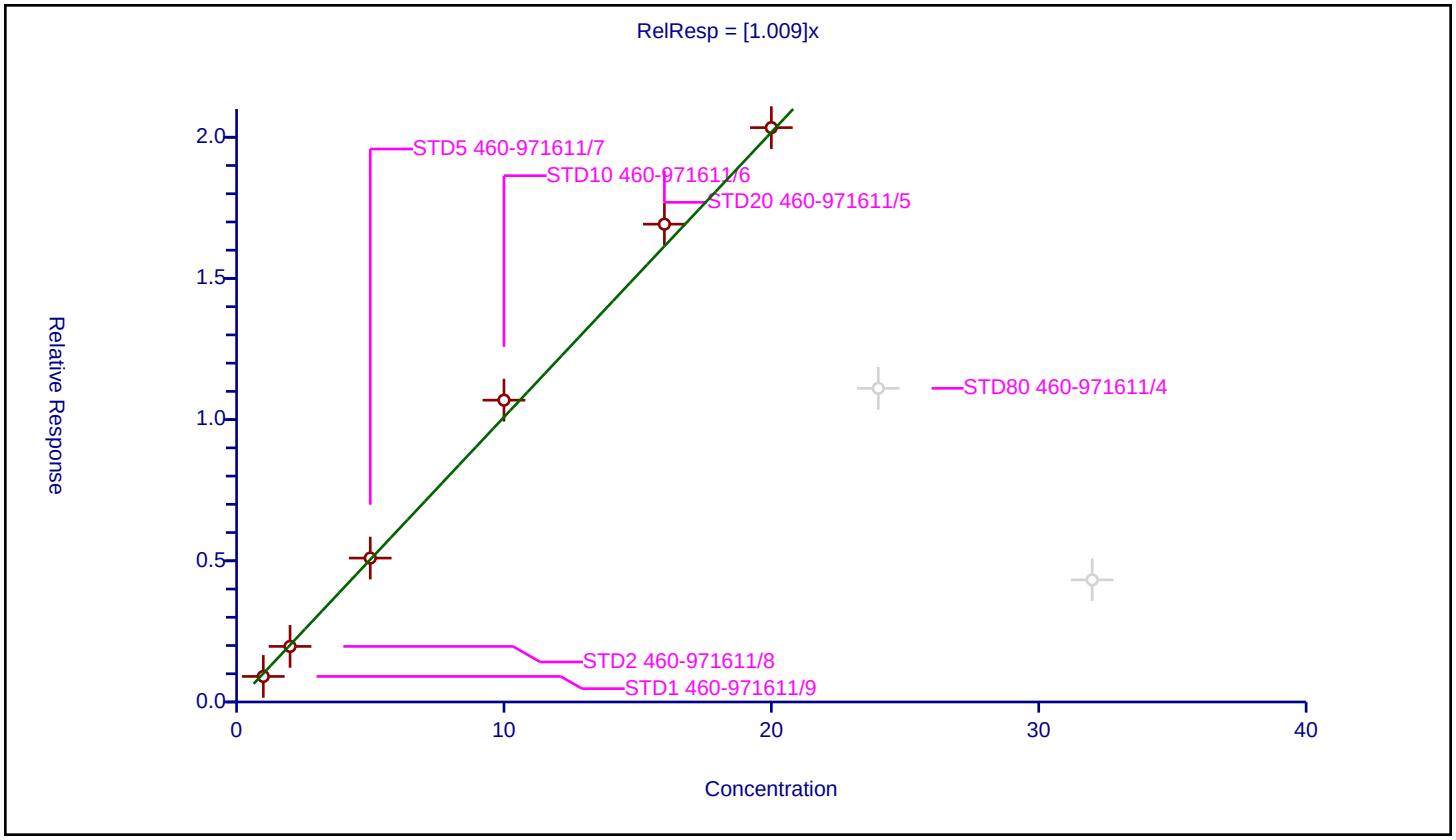
Curve Coefficients

Intercept:	0
Slope:	1.009

Error Coefficients

Relative Standard Deviation:	5.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-971611/9	1.0	0.905638	40.0	247251.0	0.905638	Y
2	STD2 460-971611/8	2.0	1.968157	40.0	246586.0	0.984079	Y
3	STD5 460-971611/7	5.0	5.096295	40.0	254789.0	1.019259	Y
4	STD10 460-971611/6	10.0	10.689379	40.0	269808.0	1.068938	Y
5	STD20 460-971611/5	16.0	16.922354	40.0	265963.0	1.057647	Y
6	ICIS 460-971611/2	20.0	20.340563	40.0	270846.0	1.017028	Y
7	STD80 460-971611/4	24.0	11.108452	40.0	296729.0	0.462852	N
8	STD120 460-971611/3	32.0	4.324949	40.0	264632.0	0.135155	N



7/9/2024
8:32:15 AM

Calibration / Phenol-d5

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

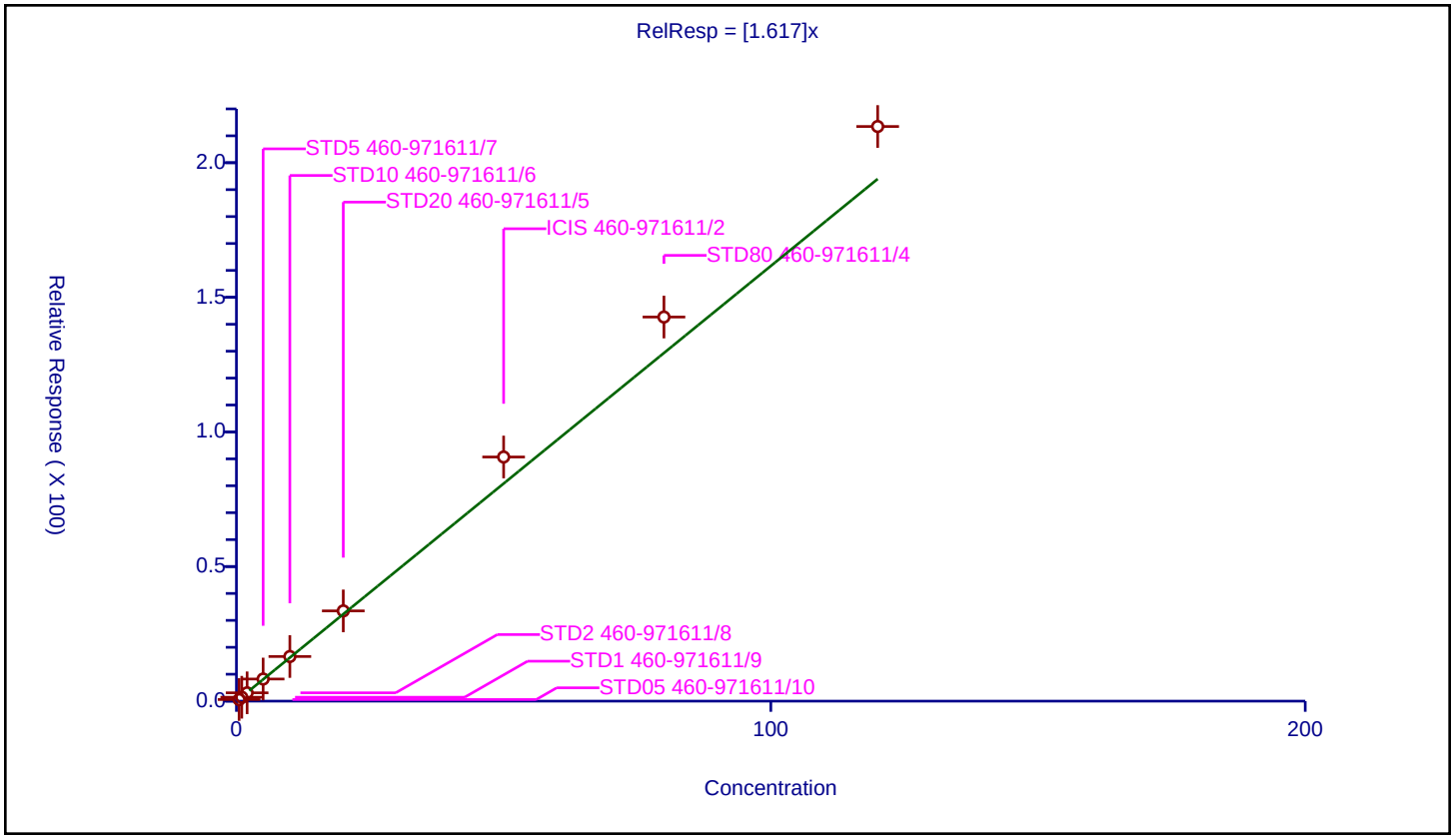
Curve Coefficients

Intercept:	0
Slope:	1.617

Error Coefficients

Relative Standard Deviation:	12.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-971611/10	0.5	0.598251	40.0	239164.0	1.196501	Y
2	STD1 460-971611/9	1.0	1.451966	40.0	247251.0	1.451966	Y
3	STD2 460-971611/8	2.0	3.092633	40.0	246586.0	1.546316	Y
4	STD5 460-971611/7	5.0	8.219664	40.0	254789.0	1.643933	Y
5	STD10 460-971611/6	10.0	16.574601	40.0	269808.0	1.65746	Y
6	STD20 460-971611/5	20.0	33.522858	40.0	265963.0	1.676143	Y
7	ICIS 460-971611/2	50.0	90.693457	40.0	270846.0	1.813869	Y
8	STD80 460-971611/4	80.0	142.683459	40.0	296729.0	1.783543	Y
9	STD120 460-971611/3	120.0	213.456271	40.0	264632.0	1.778802	Y



Calibration / Phenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

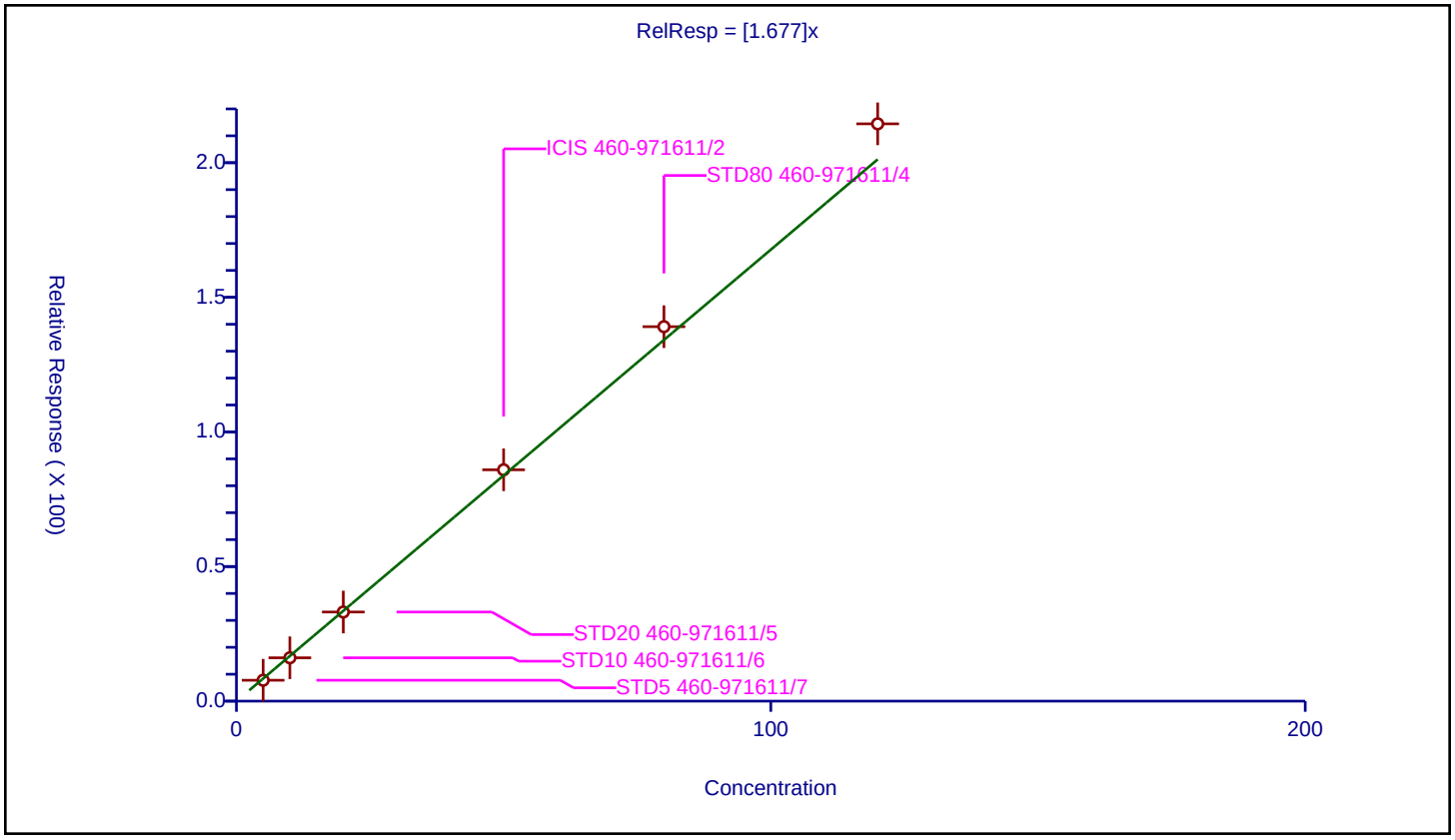
Curve Coefficients

Intercept:	0
Slope:	1.677

Error Coefficients

Relative Standard Deviation:	5.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-971611/7	5.0	7.760461	40.0	254789.0	1.552092	Y
2	STD10 460-971611/6	10.0	16.100042	40.0	269808.0	1.610004	Y
3	STD20 460-971611/5	20.0	33.11032	40.0	265963.0	1.655516	Y
4	ICIS 460-971611/2	50.0	85.94035	40.0	270846.0	1.718807	Y
5	STD80 460-971611/4	80.0	139.10093	40.0	296729.0	1.738762	Y
6	STD120 460-971611/3	120.0	214.454337	40.0	264632.0	1.787119	Y



Calibration / Aniline

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

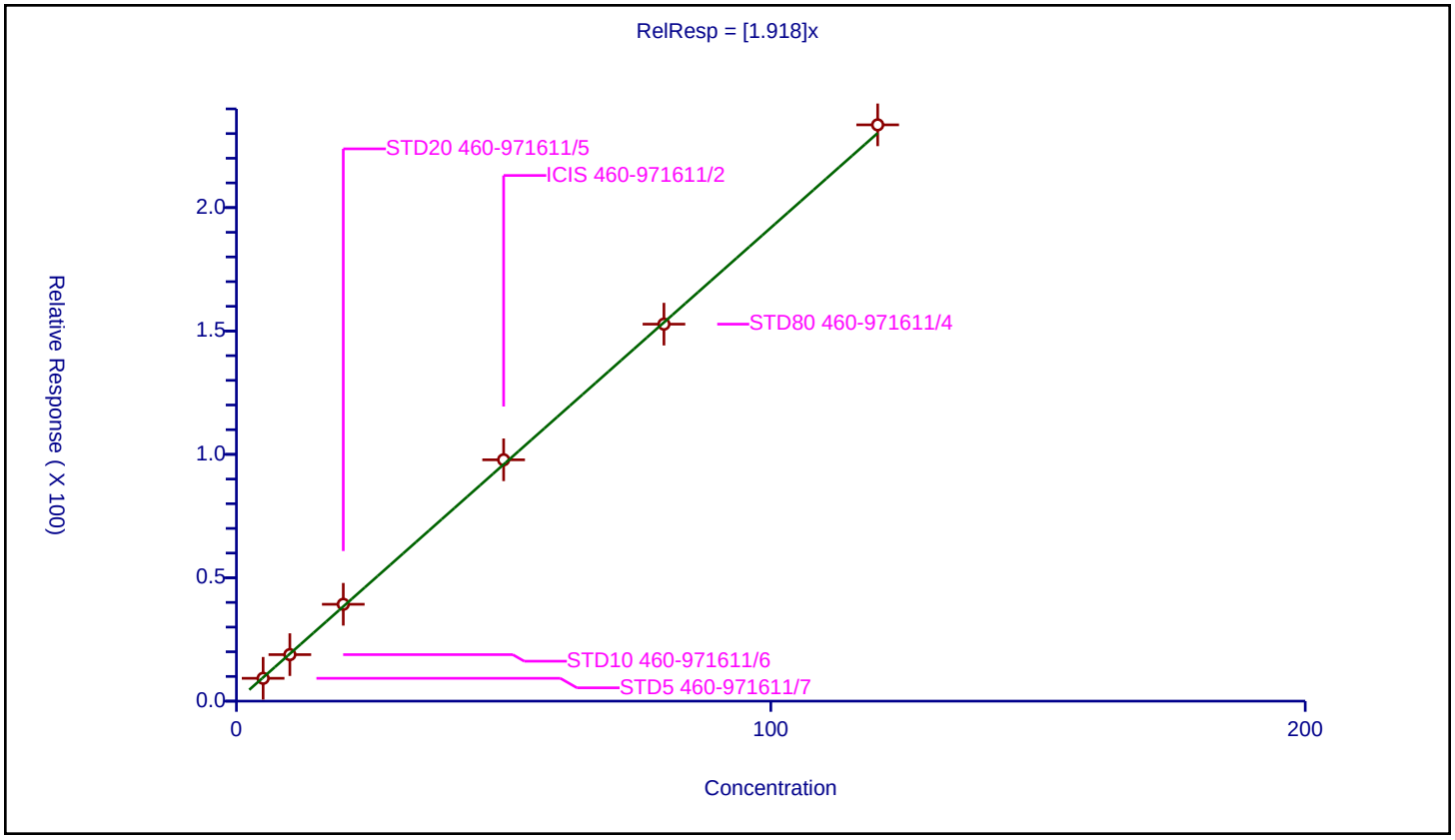
Curve Coefficients

Intercept:	0
Slope:	1.918

Error Coefficients

Relative Standard Deviation:	2.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-971611/7	5.0	9.252205	40.0	254789.0	1.850441	Y
2	STD10 460-971611/6	10.0	18.854593	40.0	269808.0	1.885459	Y
3	STD20 460-971611/5	20.0	39.250873	40.0	265963.0	1.962544	Y
4	ICIS 460-971611/2	50.0	97.803475	40.0	270846.0	1.95607	Y
5	STD80 460-971611/4	80.0	152.766868	40.0	296729.0	1.909586	Y
6	STD120 460-971611/3	120.0	233.531848	40.0	264632.0	1.946099	Y



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Calibration / Bis(2-chloroethyl)ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

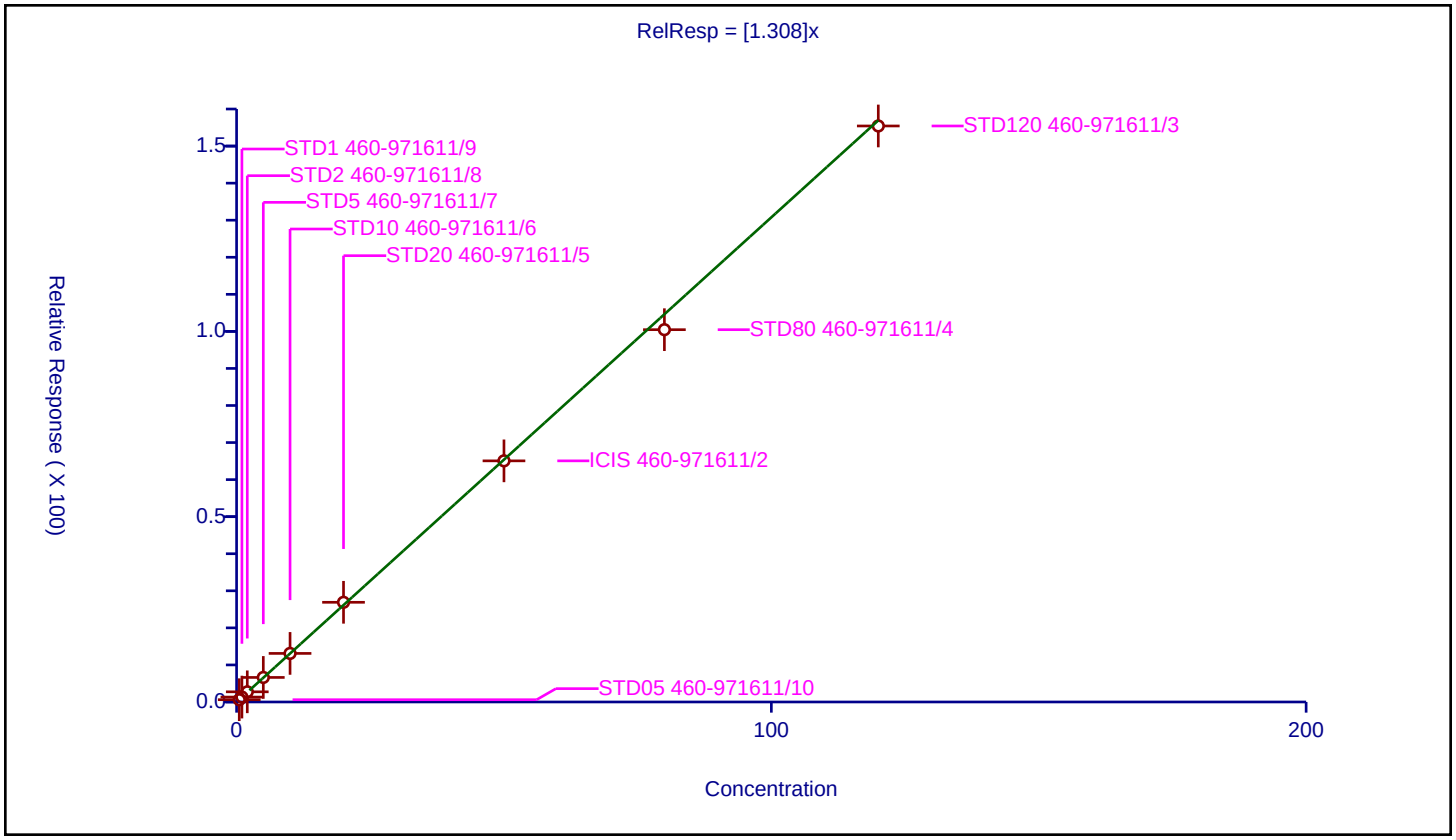
Curve Coefficients

Intercept:	0
Slope:	1.308

Error Coefficients

Relative Standard Deviation:	3.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-971611/10	0.5	0.61832	40.0	239164.0	1.236641	Y
2	STD1 460-971611/9	1.0	1.329337	40.0	247251.0	1.329337	Y
3	STD2 460-971611/8	2.0	2.741437	40.0	246586.0	1.370719	Y
4	STD5 460-971611/7	5.0	6.625404	40.0	254789.0	1.325081	Y
5	STD10 460-971611/6	10.0	13.104726	40.0	269808.0	1.310473	Y
6	STD20 460-971611/5	20.0	26.898328	40.0	265963.0	1.344916	Y
7	ICIS 460-971611/2	50.0	65.066791	40.0	270846.0	1.301336	Y
8	STD80 460-971611/4	80.0	100.458937	40.0	296729.0	1.255737	Y
9	STD120 460-971611/3	120.0	155.425497	40.0	264632.0	1.295212	Y



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Calibration / 2-Chlorophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

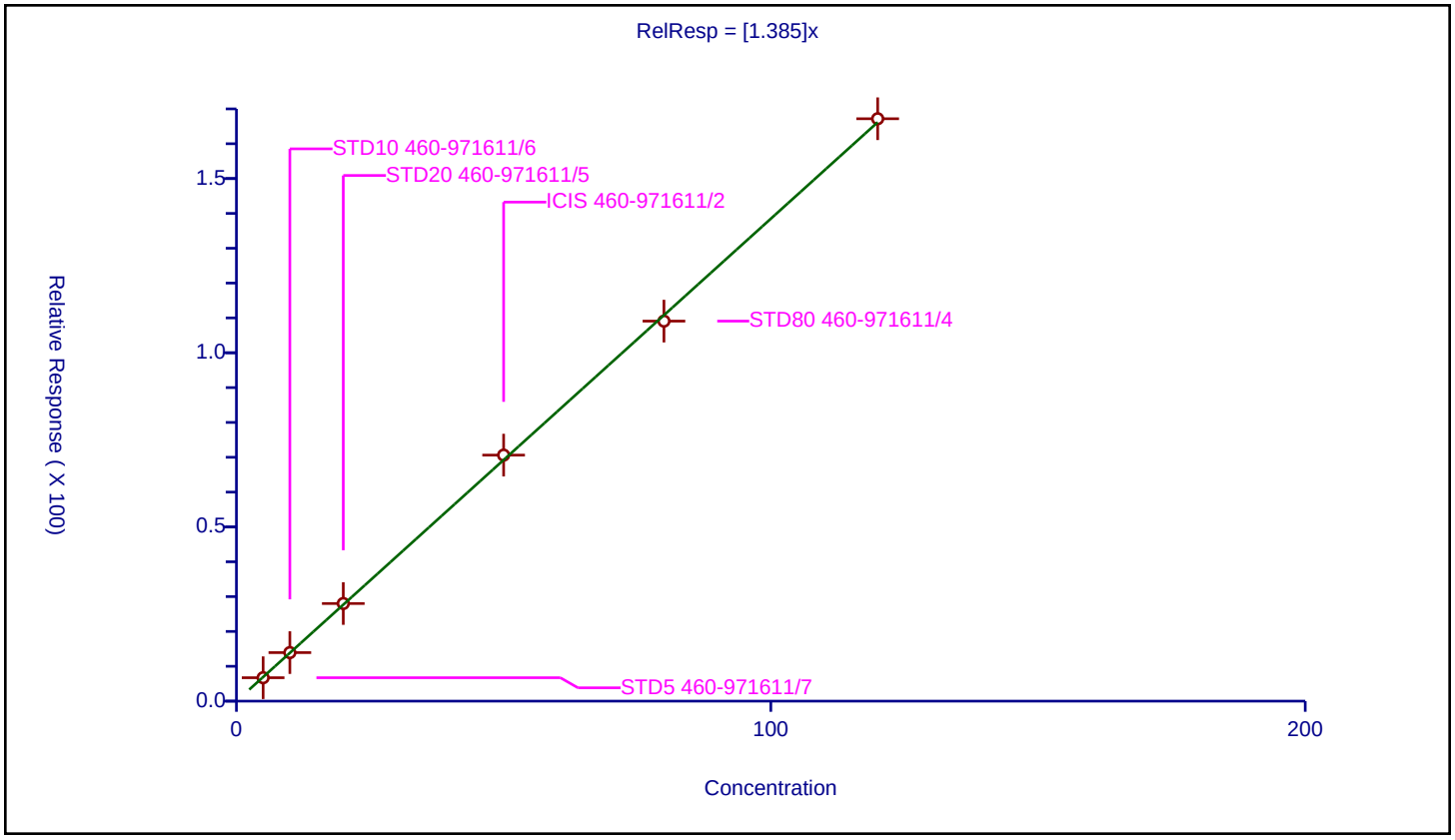
Curve Coefficients

Intercept:	0
Slope:	1.385

Error Coefficients

Relative Standard Deviation:	1.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-971611/7	5.0	6.723995	40.0	254789.0	1.344799	Y
2	STD10 460-971611/6	10.0	13.931388	40.0	269808.0	1.393139	Y
3	STD20 460-971611/5	20.0	28.025402	40.0	265963.0	1.40127	Y
4	ICIS 460-971611/2	50.0	70.61858	40.0	270846.0	1.412372	Y
5	STD80 460-971611/4	80.0	109.086473	40.0	296729.0	1.363581	Y
6	STD120 460-971611/3	120.0	167.172829	40.0	264632.0	1.393107	Y



Calibration / n-Decane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

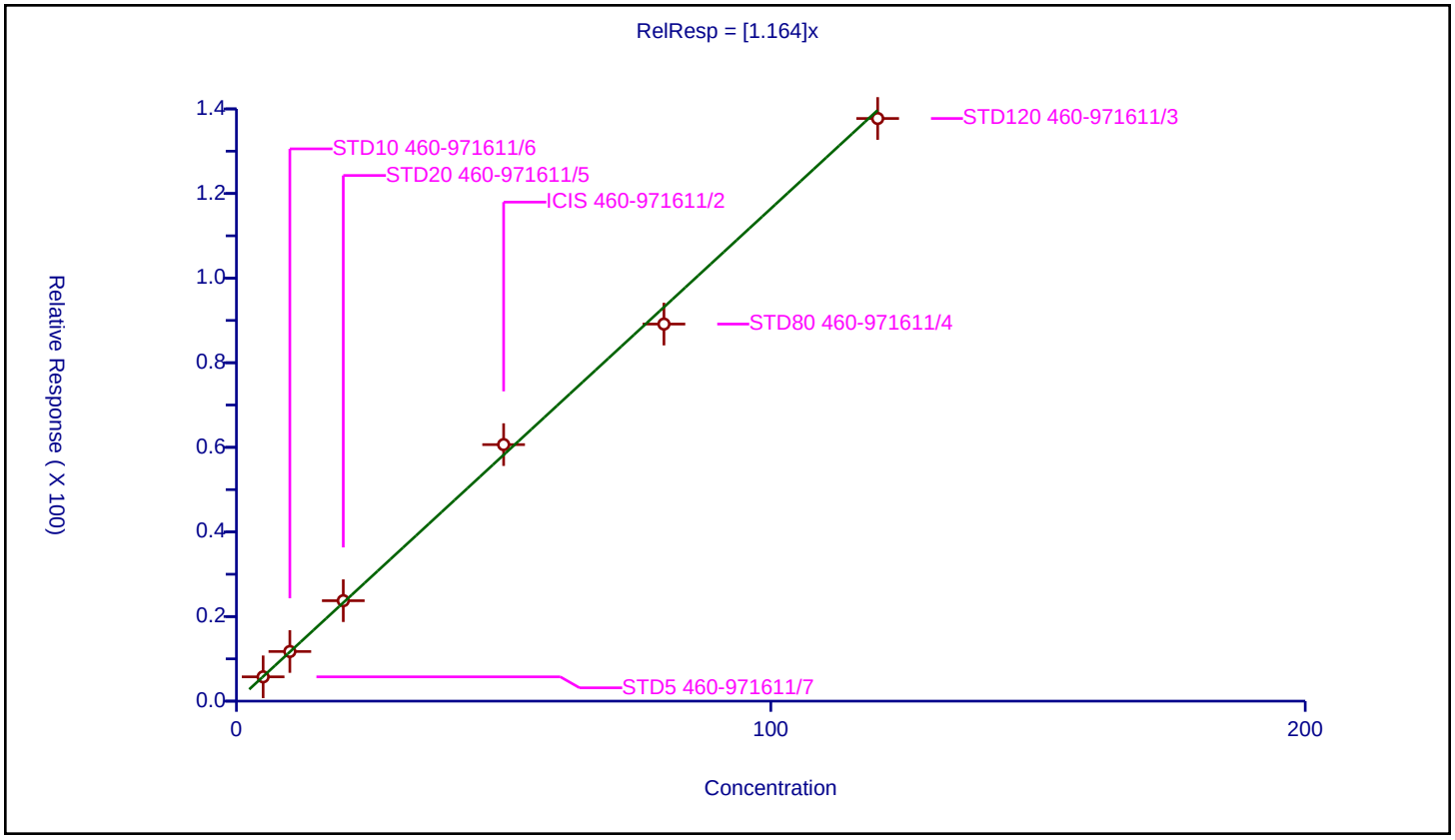
Curve Coefficients

Intercept:	0
Slope:	1.164

Error Coefficients

Relative Standard Deviation:	3.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-971611/7	5.0	5.747658	40.0	254789.0	1.149532	Y
2	STD10 460-971611/6	10.0	11.734863	40.0	269808.0	1.173486	Y
3	STD20 460-971611/5	20.0	23.743904	40.0	265963.0	1.187195	Y
4	ICIS 460-971611/2	50.0	60.638592	40.0	270846.0	1.212772	Y
5	STD80 460-971611/4	80.0	89.137765	40.0	296729.0	1.114222	Y
6	STD120 460-971611/3	120.0	137.732398	40.0	264632.0	1.14777	Y



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Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

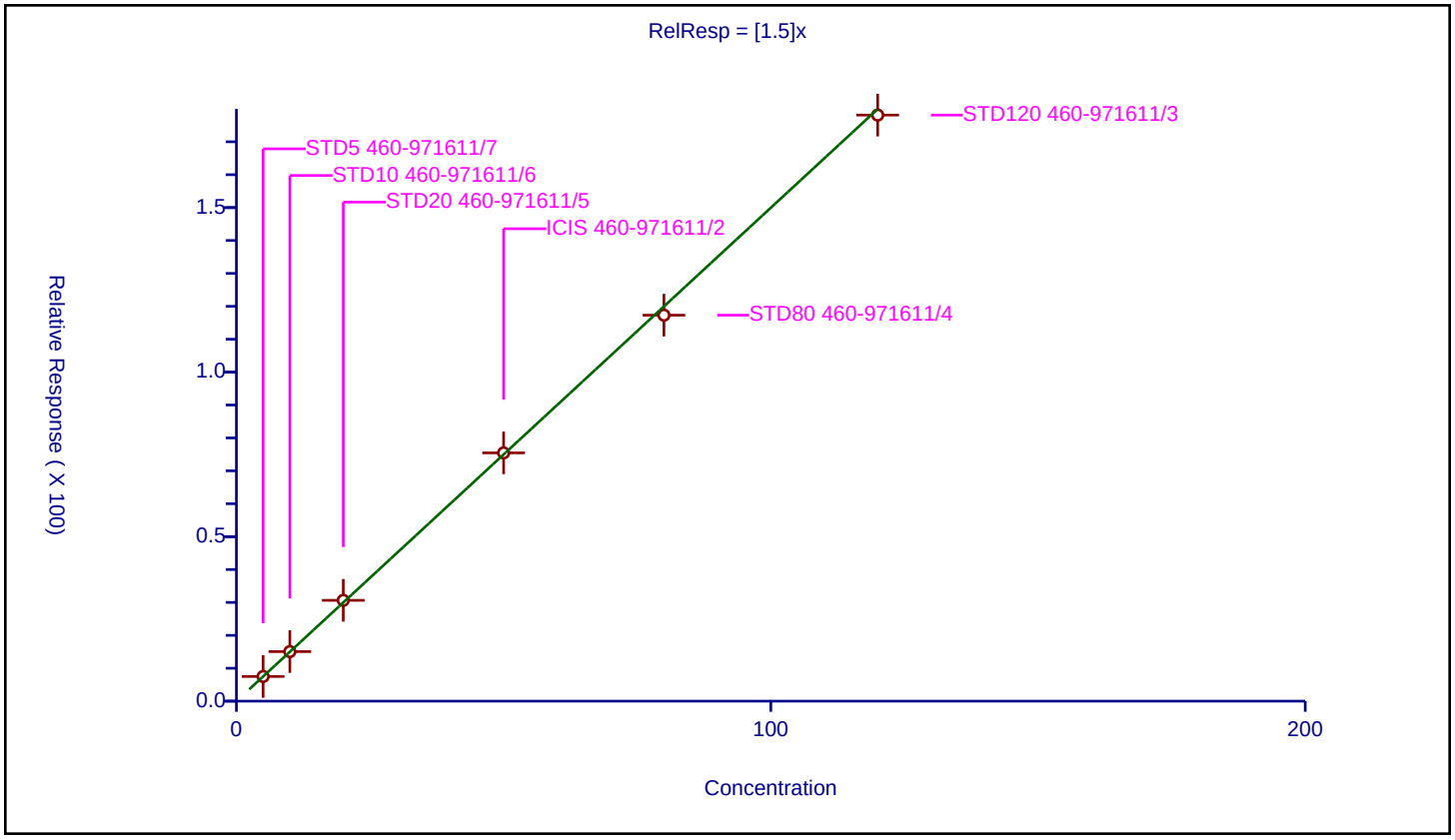
Curve Coefficients

Intercept:	0
Slope:	1.5

Error Coefficients

Relative Standard Deviation:	1.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-971611/7	5.0	7.498754	40.0	254789.0	1.499751	Y
2	STD10 460-971611/6	10.0	15.056781	40.0	269808.0	1.505678	Y
3	STD20 460-971611/5	20.0	30.640954	40.0	265963.0	1.532048	Y
4	ICIS 460-971611/2	50.0	75.458231	40.0	270846.0	1.509165	Y
5	STD80 460-971611/4	80.0	117.305016	40.0	296729.0	1.466313	Y
6	STD120 460-971611/3	120.0	178.114363	40.0	264632.0	1.484286	Y



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Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

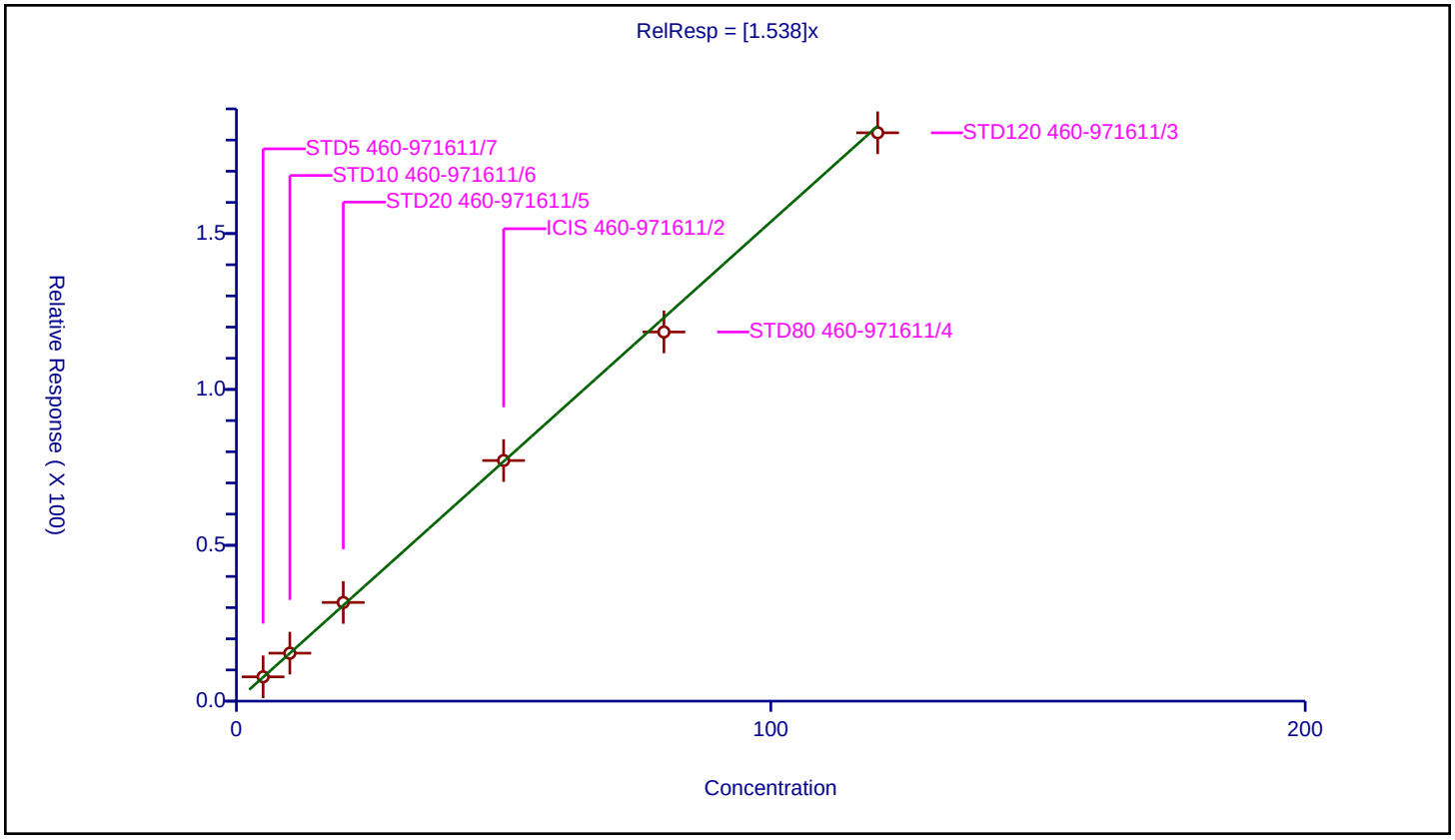
Curve Coefficients

Intercept:	0
Slope:	1.538

Error Coefficients

Relative Standard Deviation:	2.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-971611/7	5.0	7.796883	40.0	254789.0	1.559377	Y
2	STD10 460-971611/6	10.0	15.397023	40.0	269808.0	1.539702	Y
3	STD20 460-971611/5	20.0	31.665457	40.0	265963.0	1.583273	Y
4	ICIS 460-971611/2	50.0	77.194864	40.0	270846.0	1.543897	Y
5	STD80 460-971611/4	80.0	118.427117	40.0	296729.0	1.480339	Y
6	STD120 460-971611/3	120.0	182.335621	40.0	264632.0	1.519464	Y



Calibration / Benzyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

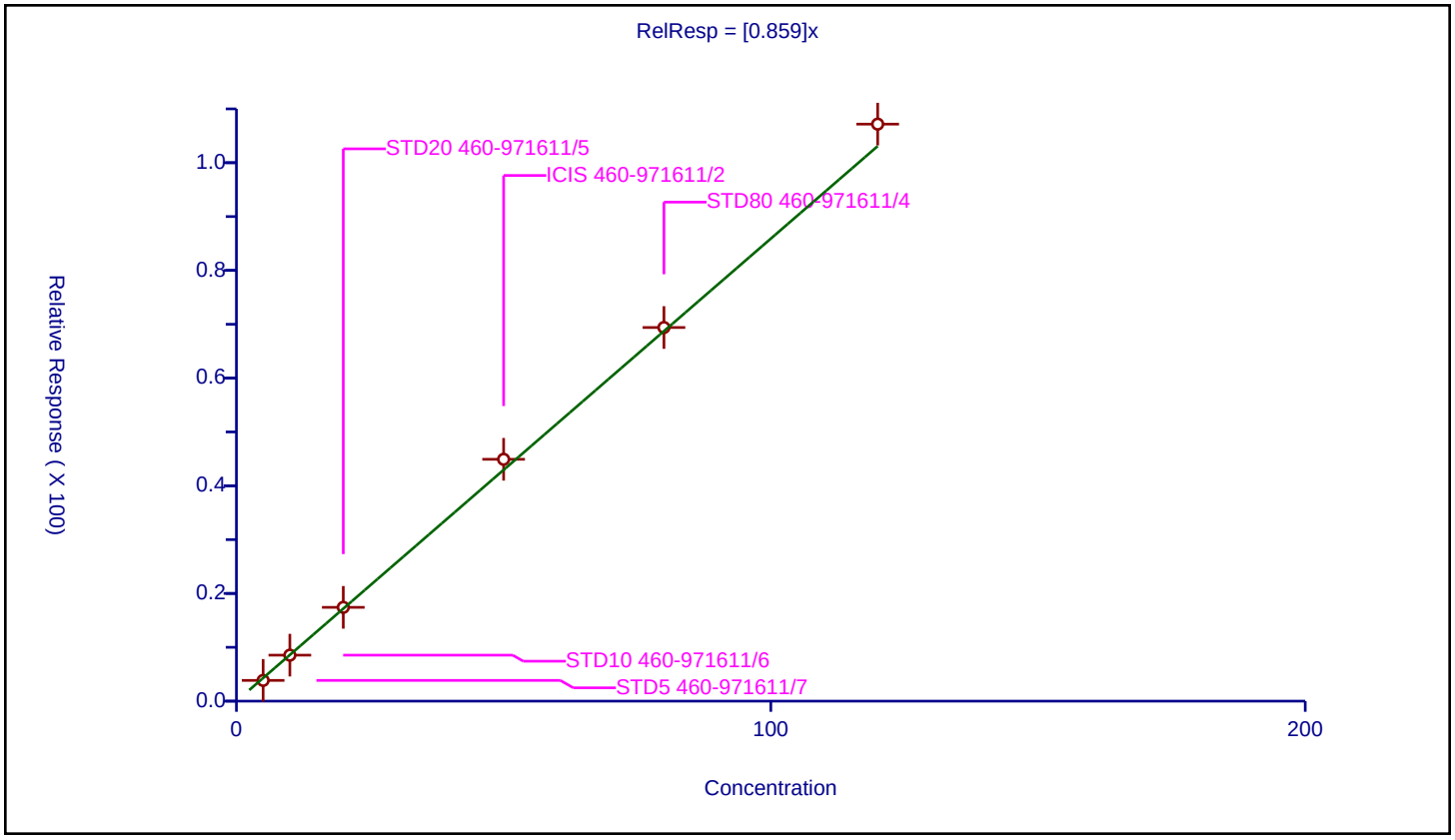
Curve Coefficients

Intercept:	0
Slope:	0.859

Error Coefficients

Relative Standard Deviation:	5.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-971611/7	5.0	3.851972	40.0	254789.0	0.770394	Y
2	STD10 460-971611/6	10.0	8.53822	40.0	269808.0	0.853822	Y
3	STD20 460-971611/5	20.0	17.419867	40.0	265963.0	0.870993	Y
4	ICIS 460-971611/2	50.0	44.917481	40.0	270846.0	0.89835	Y
5	STD80 460-971611/4	80.0	69.395307	40.0	296729.0	0.867441	Y
6	STD120 460-971611/3	120.0	107.170864	40.0	264632.0	0.893091	Y



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Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

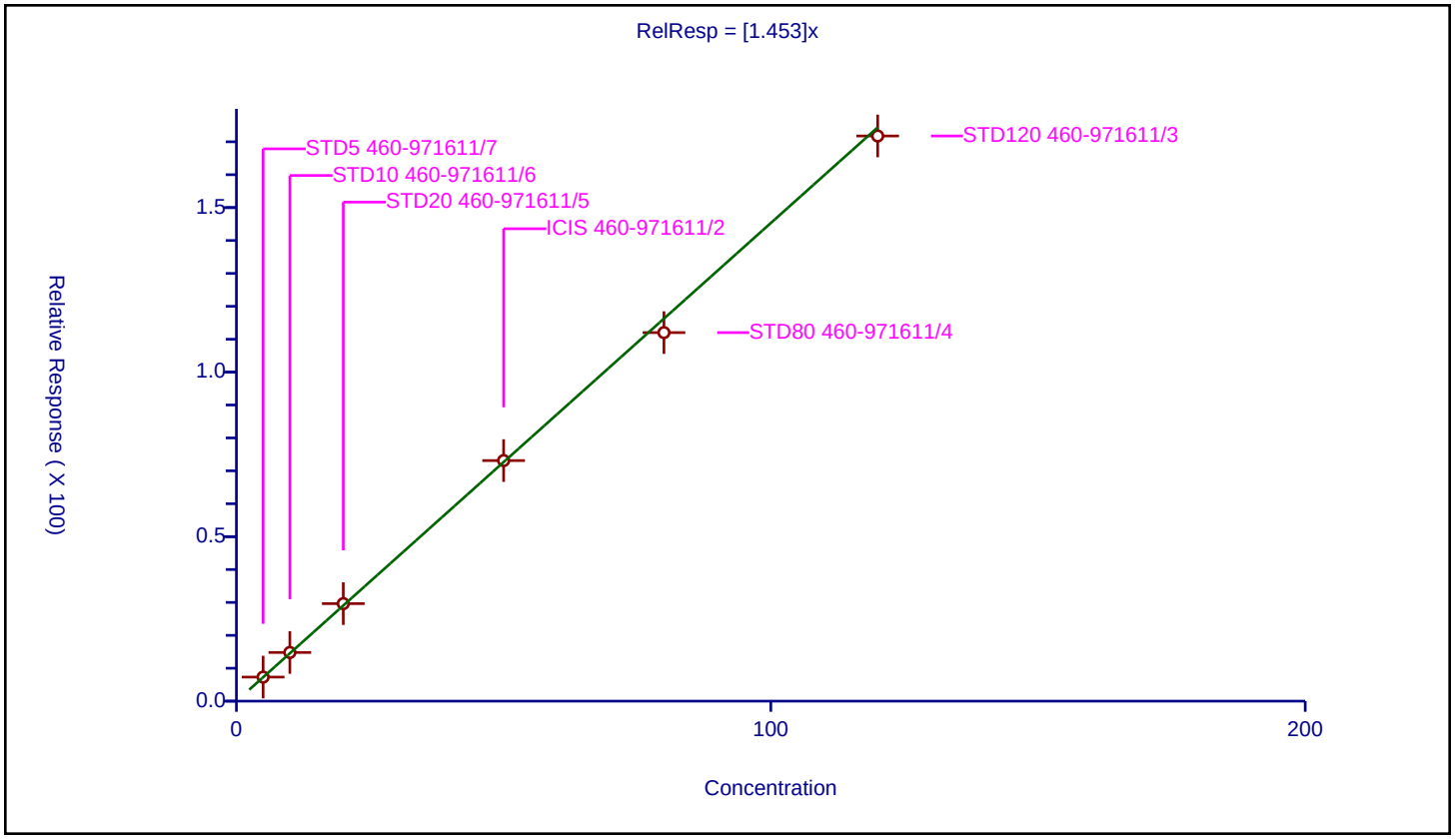
Curve Coefficients

Intercept:	0
Slope:	1.453

Error Coefficients

Relative Standard Deviation:	2.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-971611/7	5.0	7.317584	40.0	254789.0	1.463517	Y
2	STD10 460-971611/6	10.0	14.793631	40.0	269808.0	1.479363	Y
3	STD20 460-971611/5	20.0	29.639912	40.0	265963.0	1.481996	Y
4	ICIS 460-971611/2	50.0	73.116383	40.0	270846.0	1.462328	Y
5	STD80 460-971611/4	80.0	112.0086	40.0	296729.0	1.400108	Y
6	STD120 460-971611/3	120.0	171.767133	40.0	264632.0	1.431393	Y



Calibration / 2-Methylphenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

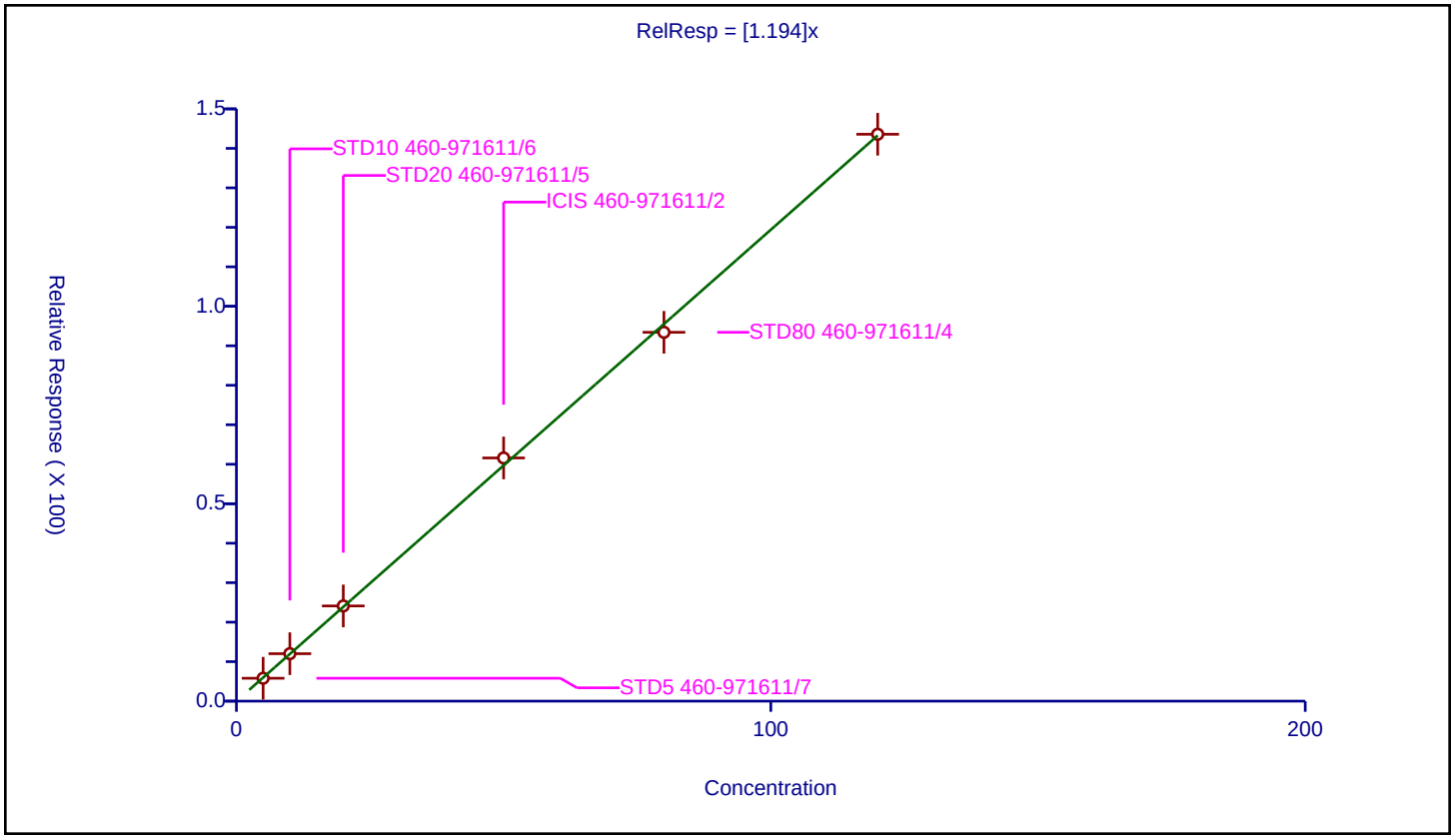
Curve Coefficients

Intercept:	0
Slope:	1.194

Error Coefficients

Relative Standard Deviation:	2.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-971611/7	5.0	5.799779	40.0	254789.0	1.159956	Y
2	STD10 460-971611/6	10.0	12.018472	40.0	269808.0	1.201847	Y
3	STD20 460-971611/5	20.0	24.110271	40.0	265963.0	1.205514	Y
4	ICIS 460-971611/2	50.0	61.590424	40.0	270846.0	1.231808	Y
5	STD80 460-971611/4	80.0	93.413991	40.0	296729.0	1.167675	Y
6	STD120 460-971611/3	120.0	143.575531	40.0	264632.0	1.196463	Y



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Calibration / 2,2'-oxybis[1-chloropropane]

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

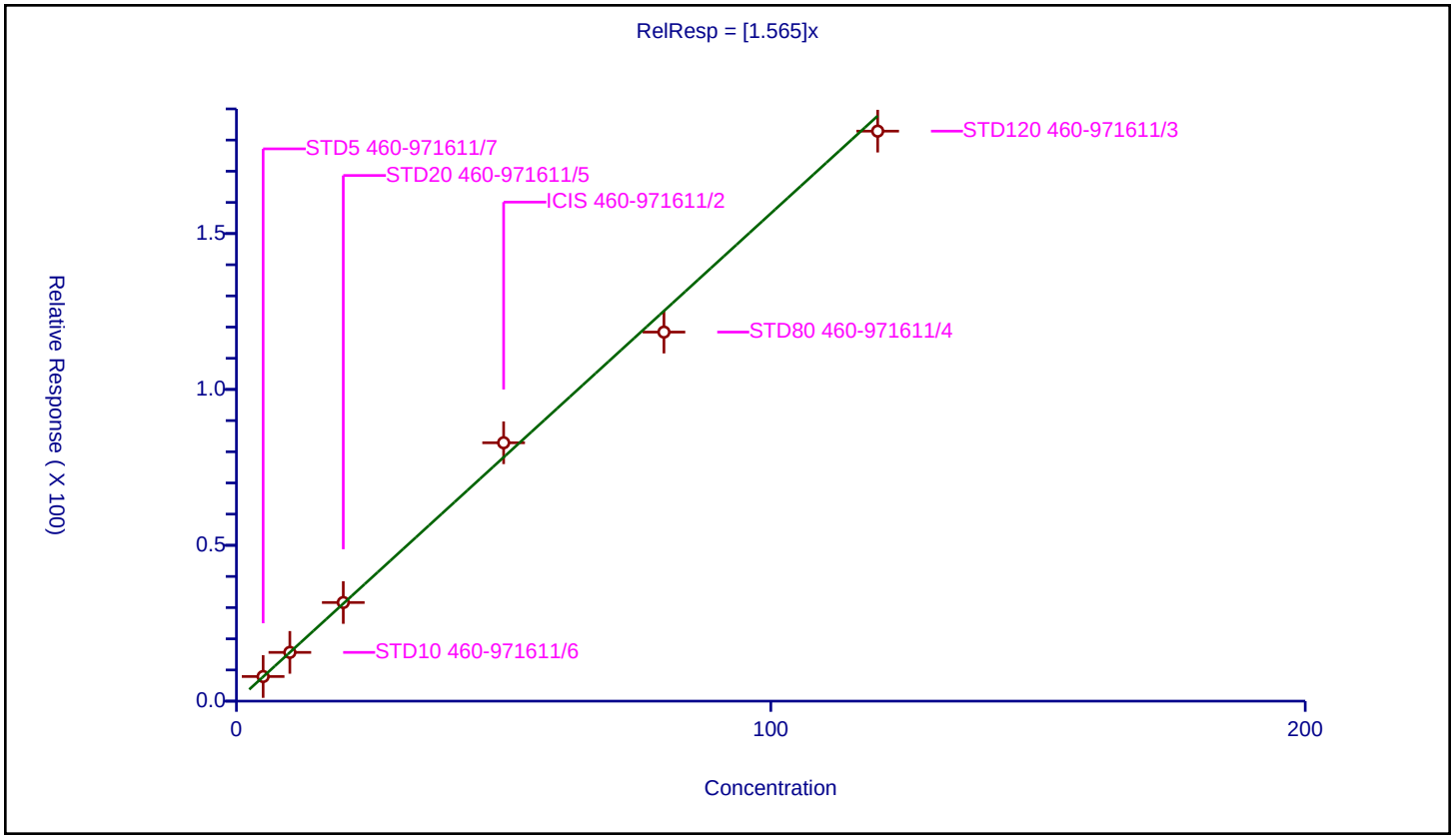
Curve Coefficients

Intercept:	0
Slope:	1.565

Error Coefficients

Relative Standard Deviation:	3.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-971611/7	5.0	7.898143	40.0	254789.0	1.579629	Y
2	STD10 460-971611/6	10.0	15.642827	40.0	269808.0	1.564283	Y
3	STD20 460-971611/5	20.0	31.643499	40.0	265963.0	1.582175	Y
4	ICIS 460-971611/2	50.0	82.8936	40.0	270846.0	1.657872	Y
5	STD80 460-971611/4	80.0	118.40083	40.0	296729.0	1.48001	Y
6	STD120 460-971611/3	120.0	182.868285	40.0	264632.0	1.523902	Y



Calibration / N-Methylaniline

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

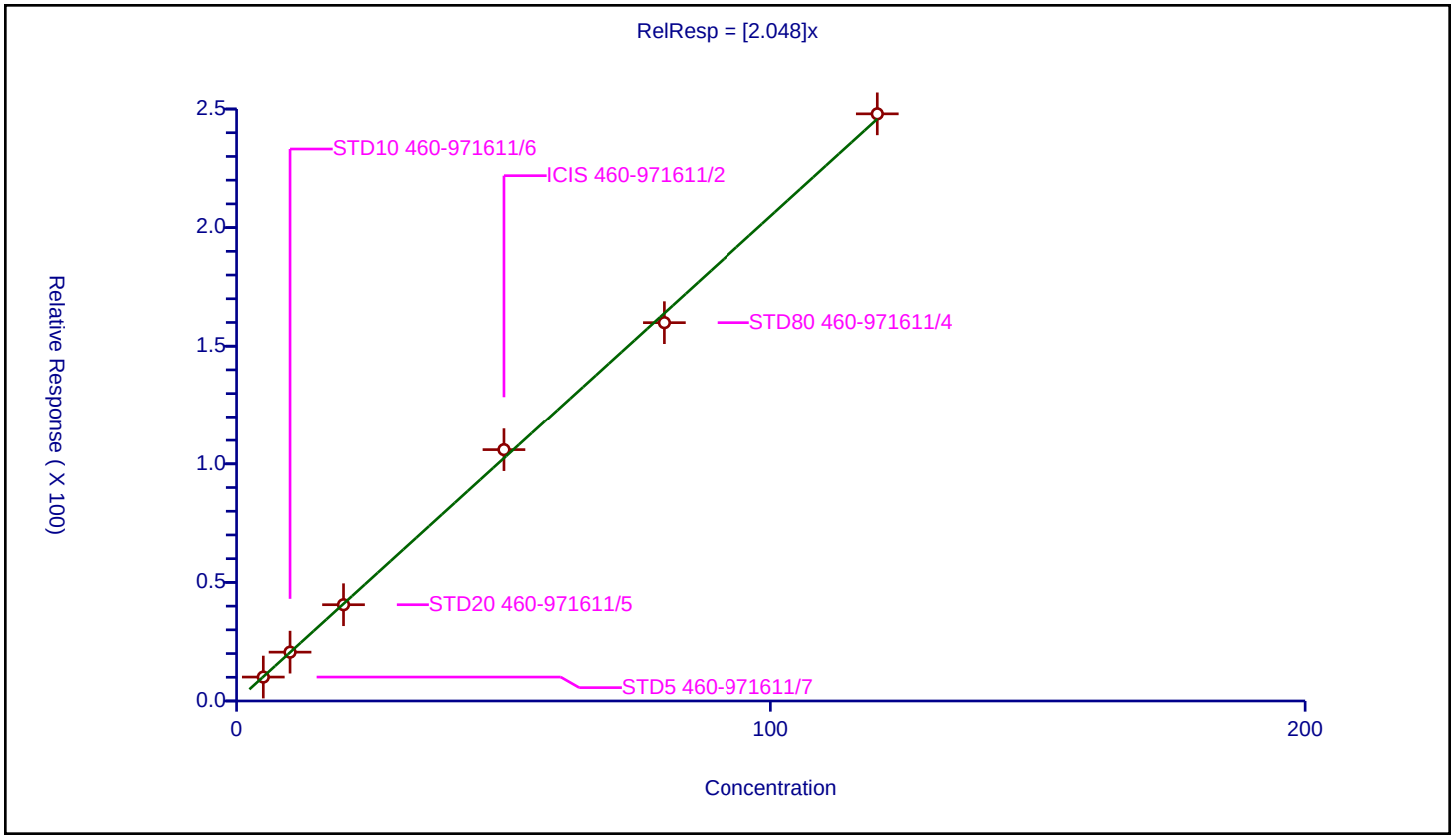
Curve Coefficients

Intercept:	0
Slope:	2.048

Error Coefficients

Relative Standard Deviation:	2.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-971611/7	5.0	10.088034	40.0	254789.0	2.017607	Y
2	STD10 460-971611/6	10.0	20.587825	40.0	269808.0	2.058783	Y
3	STD20 460-971611/5	20.0	40.586397	40.0	265963.0	2.02932	Y
4	ICIS 460-971611/2	50.0	105.983326	40.0	270846.0	2.119667	Y
5	STD80 460-971611/4	80.0	159.92114	40.0	296729.0	1.999014	Y
6	STD120 460-971611/3	120.0	247.960337	40.0	264632.0	2.066336	Y



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Calibration / N-Nitrosodi-n-propylamine

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

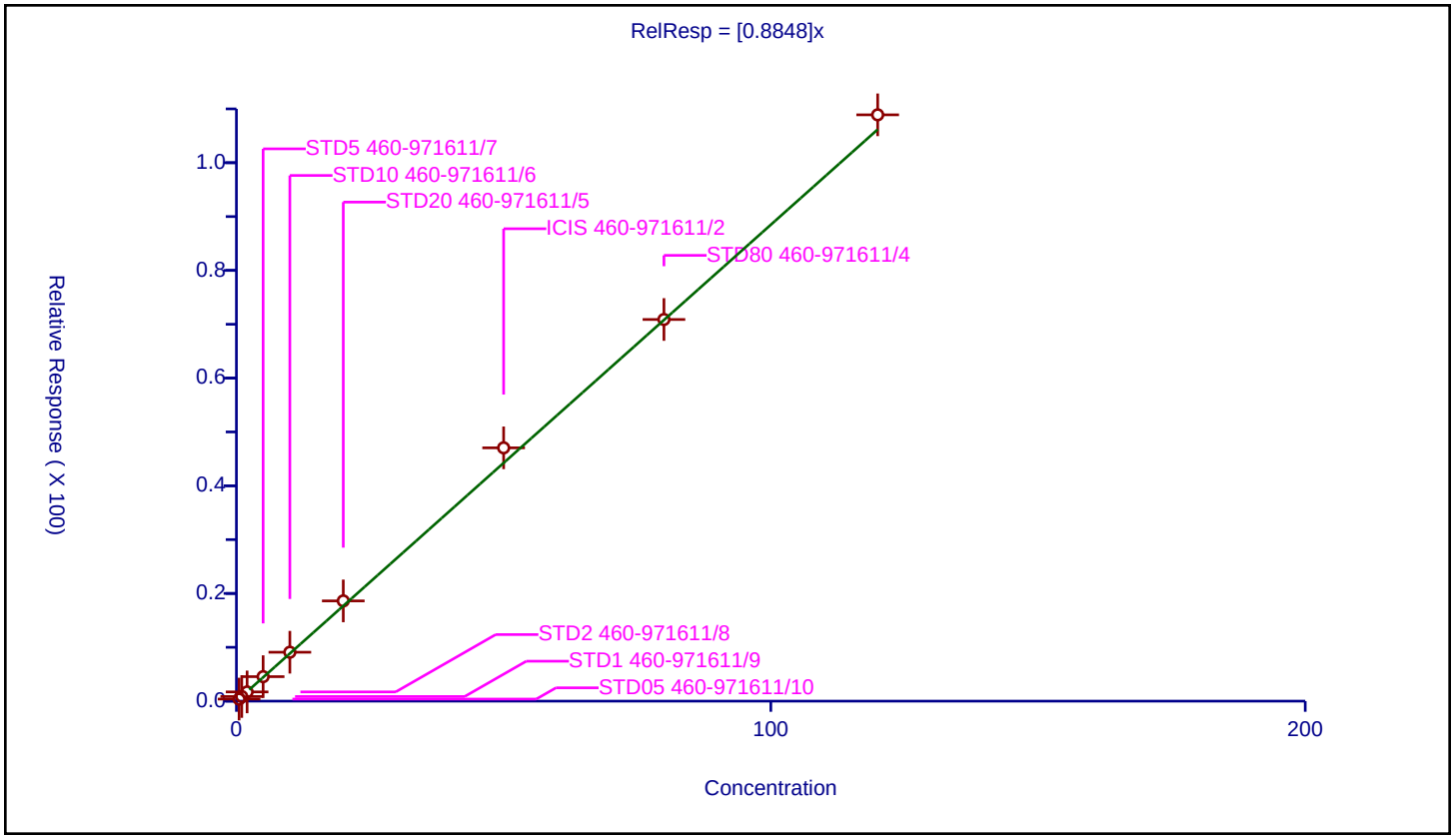
Curve Coefficients

Intercept:	0
Slope:	0.8848

Error Coefficients

Relative Standard Deviation:	6.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-971611/10	0.5	0.381328	40.0	239164.0	0.762657	Y
2	STD1 460-971611/9	1.0	0.858723	40.0	247251.0	0.858723	Y
3	STD2 460-971611/8	2.0	1.716399	40.0	246586.0	0.8582	Y
4	STD5 460-971611/7	5.0	4.548705	40.0	254789.0	0.909741	Y
5	STD10 460-971611/6	10.0	9.087203	40.0	269808.0	0.90872	Y
6	STD20 460-971611/5	20.0	18.617778	40.0	265963.0	0.930889	Y
7	ICIS 460-971611/2	50.0	47.049172	40.0	270846.0	0.940983	Y
8	STD80 460-971611/4	80.0	70.885421	40.0	296729.0	0.886068	Y
9	STD120 460-971611/3	120.0	108.897186	40.0	264632.0	0.907477	Y



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Calibration / Acetophenone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

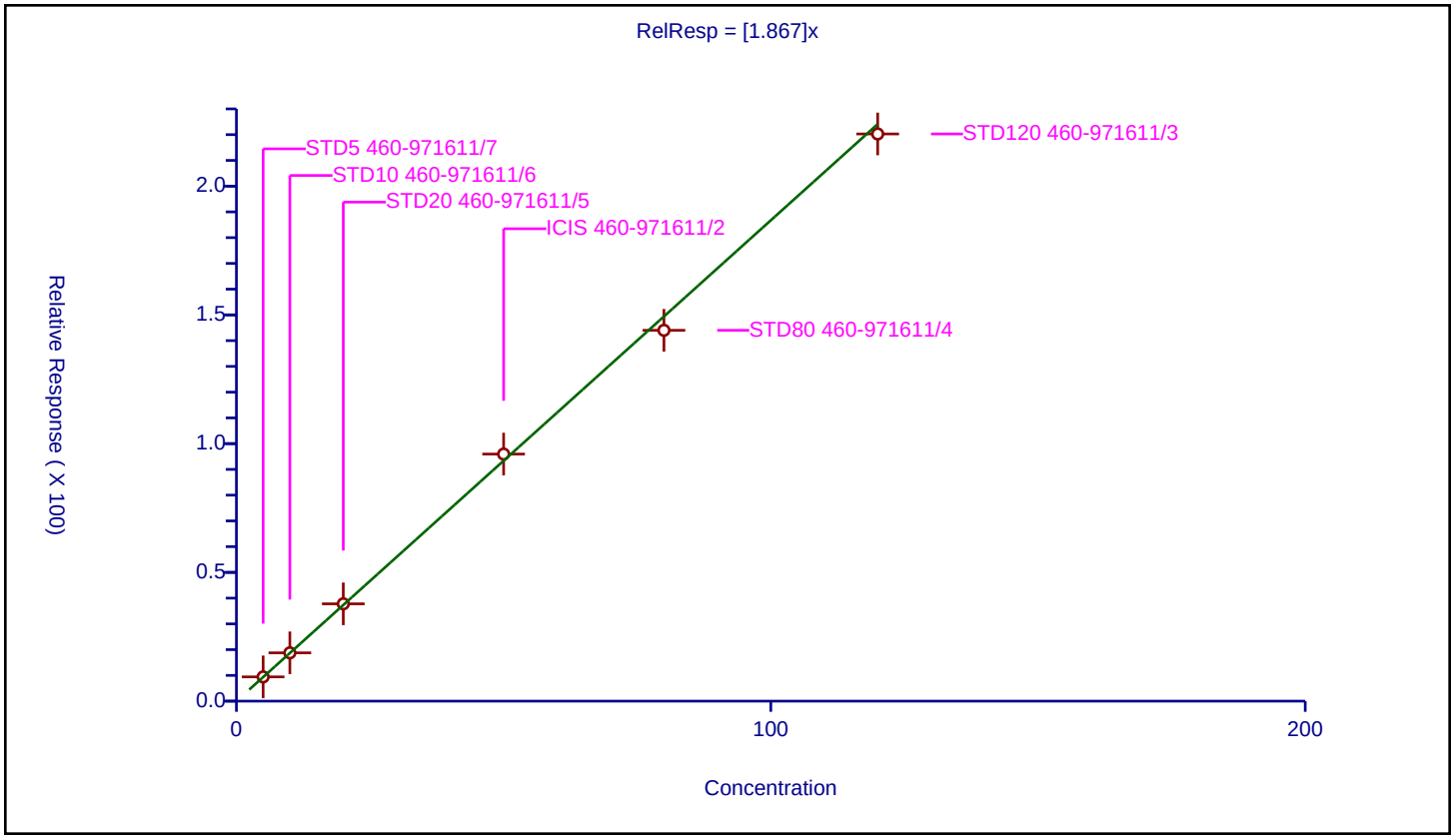
Curve Coefficients

Intercept:	0
Slope:	1.867

Error Coefficients

Relative Standard Deviation:	2.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-971611/7	5.0	9.42003	40.0	254789.0	1.884006	Y
2	STD10 460-971611/6	10.0	18.75378	40.0	269808.0	1.875378	Y
3	STD20 460-971611/5	20.0	37.79443	40.0	265963.0	1.889722	Y
4	ICIS 460-971611/2	50.0	95.94958	40.0	270846.0	1.918992	Y
5	STD80 460-971611/4	80.0	144.013022	40.0	296729.0	1.800163	Y
6	STD120 460-971611/3	120.0	220.266937	40.0	264632.0	1.835558	Y



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Calibration

/ 3 & 4 Methylphenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

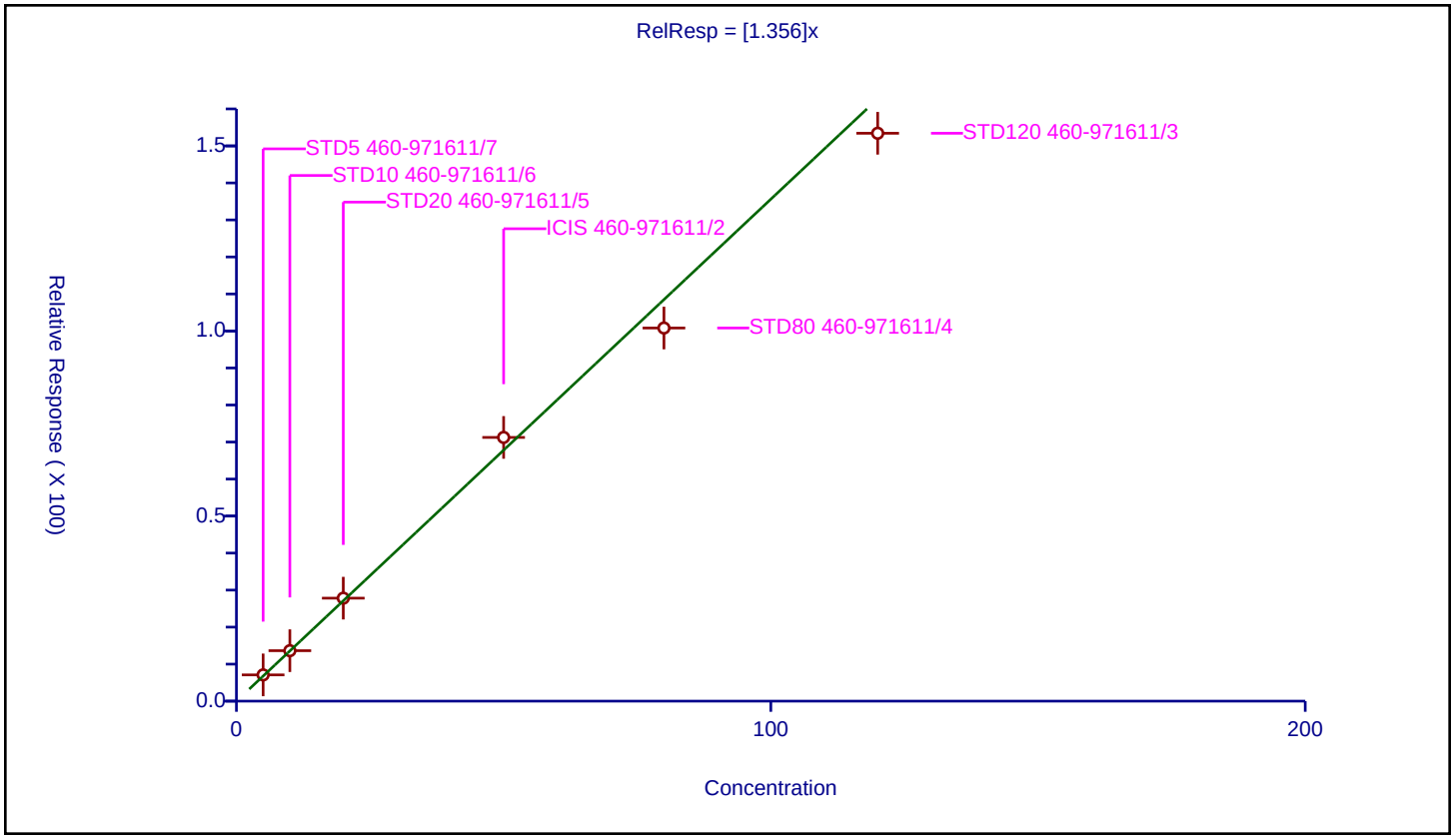
Curve Coefficients

Intercept:	0
Slope:	1.356

Error Coefficients

Relative Standard Deviation:	5.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-971611/7	5.0	7.092143	40.0	254789.0	1.418429	Y
2	STD10 460-971611/6	10.0	13.630433	40.0	269808.0	1.363043	Y
3	STD20 460-971611/5	20.0	27.820862	40.0	265963.0	1.391043	Y
4	ICIS 460-971611/2	50.0	71.247129	40.0	270846.0	1.424943	Y
5	STD80 460-971611/4	80.0	100.802685	40.0	296729.0	1.260034	Y
6	STD120 460-971611/3	120.0	153.417123	40.0	264632.0	1.278476	Y



Calibration / 4-Methylphenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

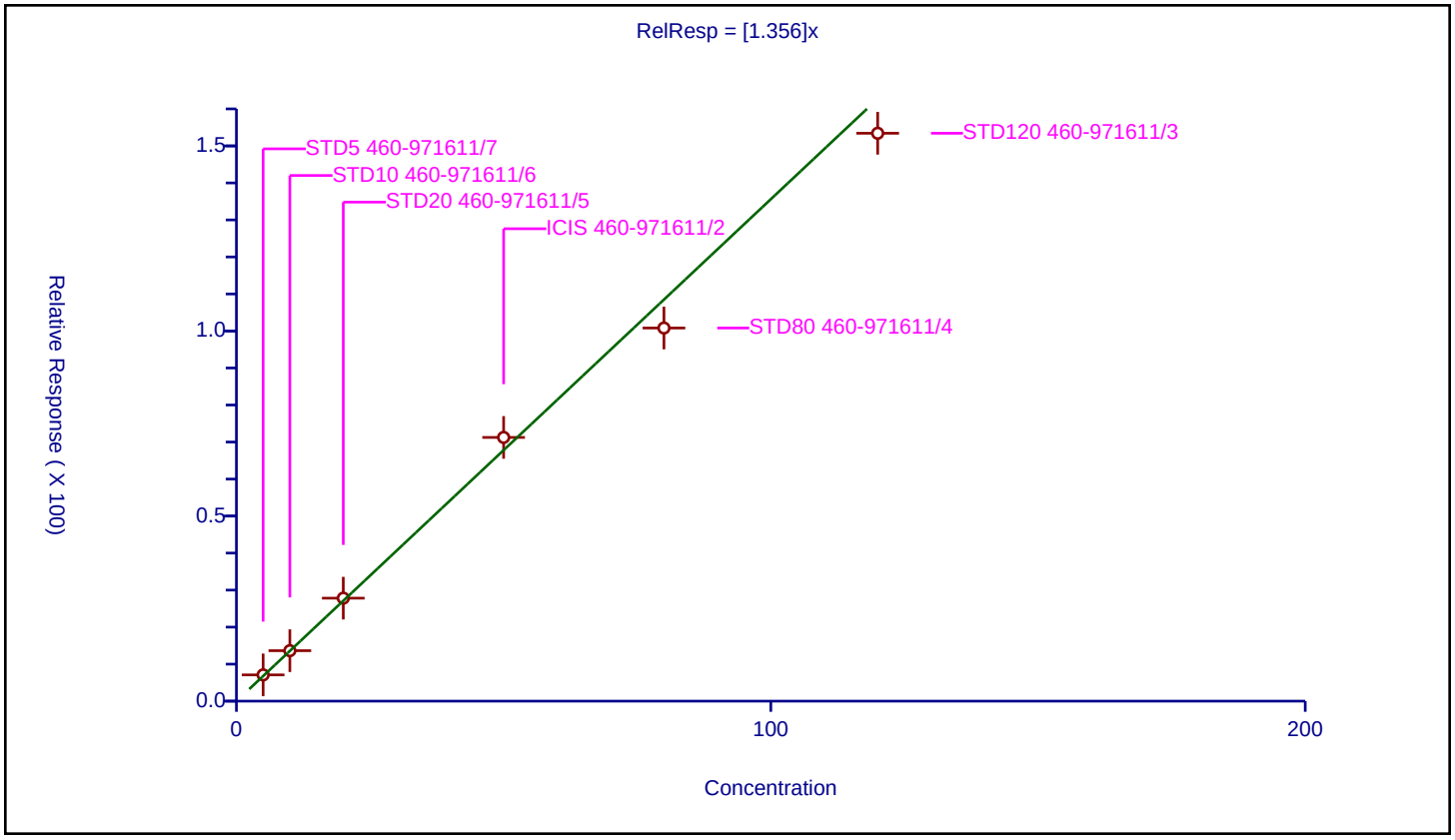
Curve Coefficients

Intercept:	0
Slope:	1.356

Error Coefficients

Relative Standard Deviation:	5.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-971611/7	5.0	7.092143	40.0	254789.0	1.418429	Y
2	STD10 460-971611/6	10.0	13.630433	40.0	269808.0	1.363043	Y
3	STD20 460-971611/5	20.0	27.820862	40.0	265963.0	1.391043	Y
4	ICIS 460-971611/2	50.0	71.247129	40.0	270846.0	1.424943	Y
5	STD80 460-971611/4	80.0	100.802685	40.0	296729.0	1.260034	Y
6	STD120 460-971611/3	120.0	153.417123	40.0	264632.0	1.278476	Y



Calibration / Hexachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

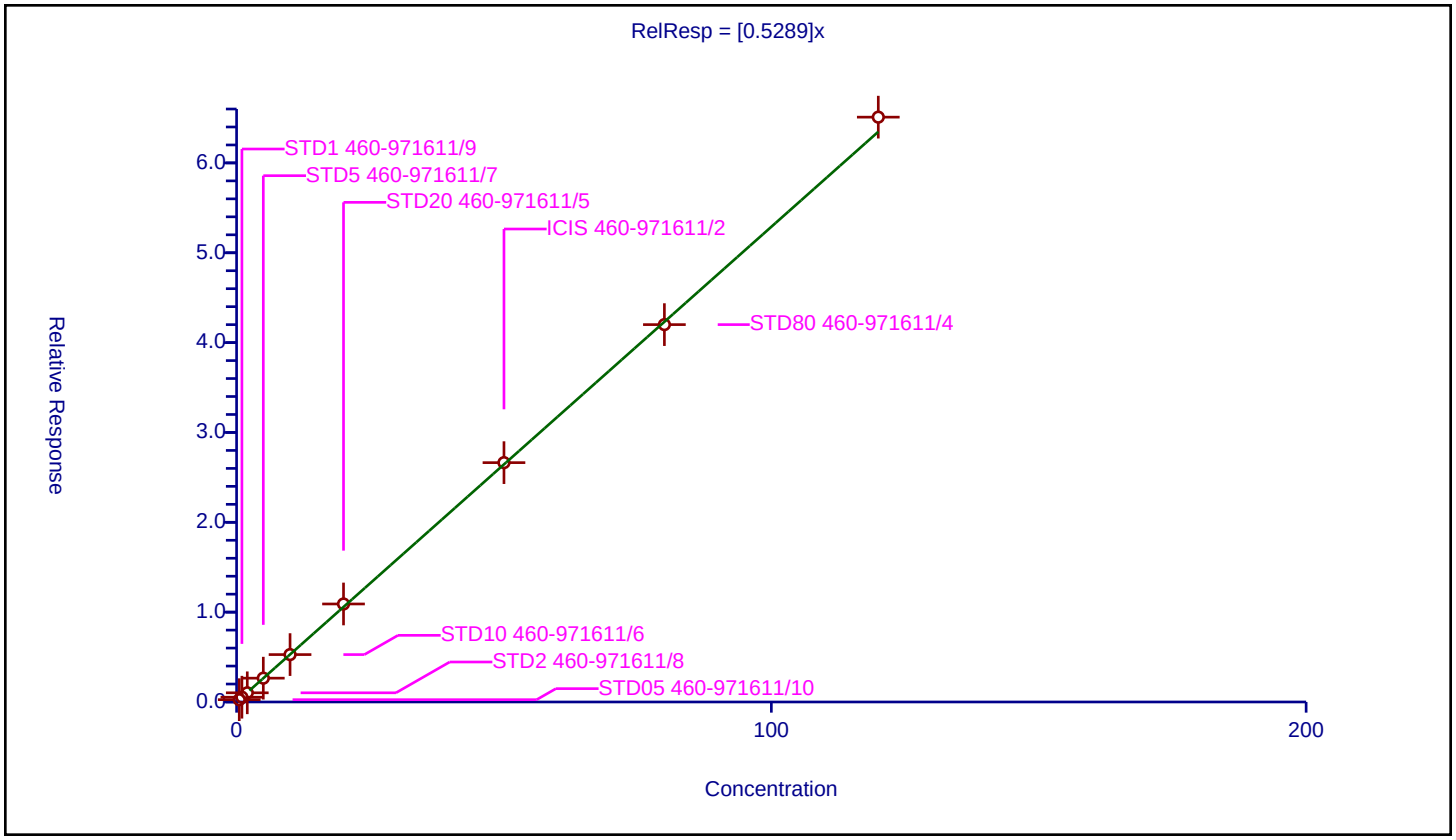
Curve Coefficients

Intercept:	0
Slope:	0.5289

Error Coefficients

Relative Standard Deviation:	2.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-971611/10	0.5	0.255724	40.0	239164.0	0.511448	Y
2	STD1 460-971611/9	1.0	0.534194	40.0	247251.0	0.534194	Y
3	STD2 460-971611/8	2.0	1.021307	40.0	246586.0	0.510653	Y
4	STD5 460-971611/7	5.0	2.653019	40.0	254789.0	0.530604	Y
5	STD10 460-971611/6	10.0	5.275307	40.0	269808.0	0.527531	Y
6	STD20 460-971611/5	20.0	10.909788	40.0	265963.0	0.545489	Y
7	ICIS 460-971611/2	50.0	26.64156	40.0	270846.0	0.532831	Y
8	STD80 460-971611/4	80.0	42.002231	40.0	296729.0	0.525028	Y
9	STD120 460-971611/3	120.0	65.096133	40.0	264632.0	0.542468	Y



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Calibration / Nitrobenzene-d5

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

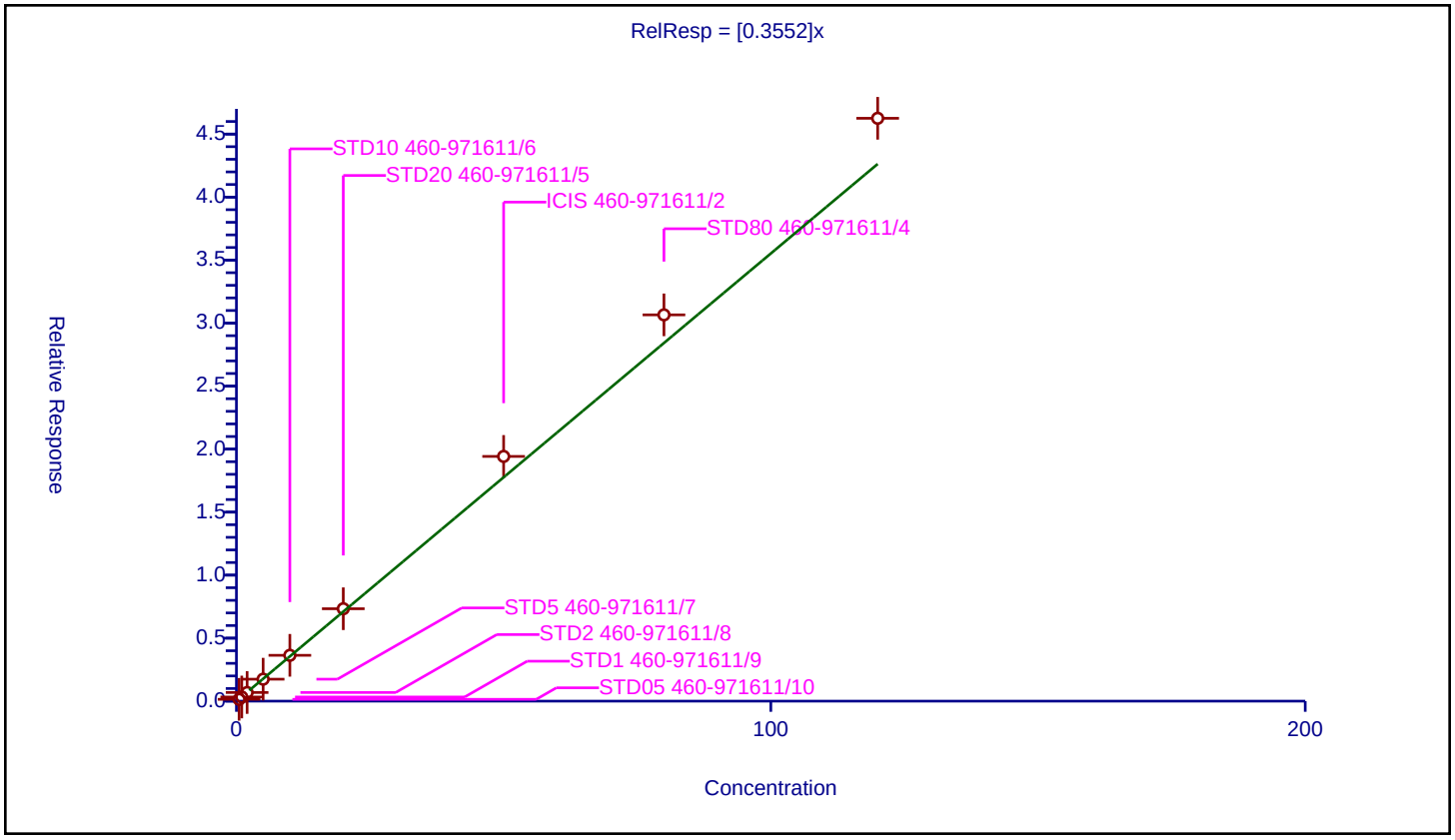
Curve Coefficients

Intercept:	0
Slope:	0.3552

Error Coefficients

Relative Standard Deviation:	9.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-971611/10	0.5	0.145251	40.0	918962.0	0.290502	Y
2	STD1 460-971611/9	1.0	0.328561	40.0	943264.0	0.328561	Y
3	STD2 460-971611/8	2.0	0.68486	40.0	952487.0	0.34243	Y
4	STD5 460-971611/7	5.0	1.742152	40.0	980167.0	0.34843	Y
5	STD10 460-971611/6	10.0	3.636006	40.0	1028271.0	0.363601	Y
6	STD20 460-971611/5	20.0	7.33261	40.0	1009485.0	0.366631	Y
7	ICIS 460-971611/2	50.0	19.421246	40.0	1043206.0	0.388425	Y
8	STD80 460-971611/4	80.0	30.655949	40.0	1134951.0	0.383199	Y
9	STD120 460-971611/3	120.0	46.254833	40.0	1006134.0	0.385457	Y



Calibration / n,n'-Dimethylaniline

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

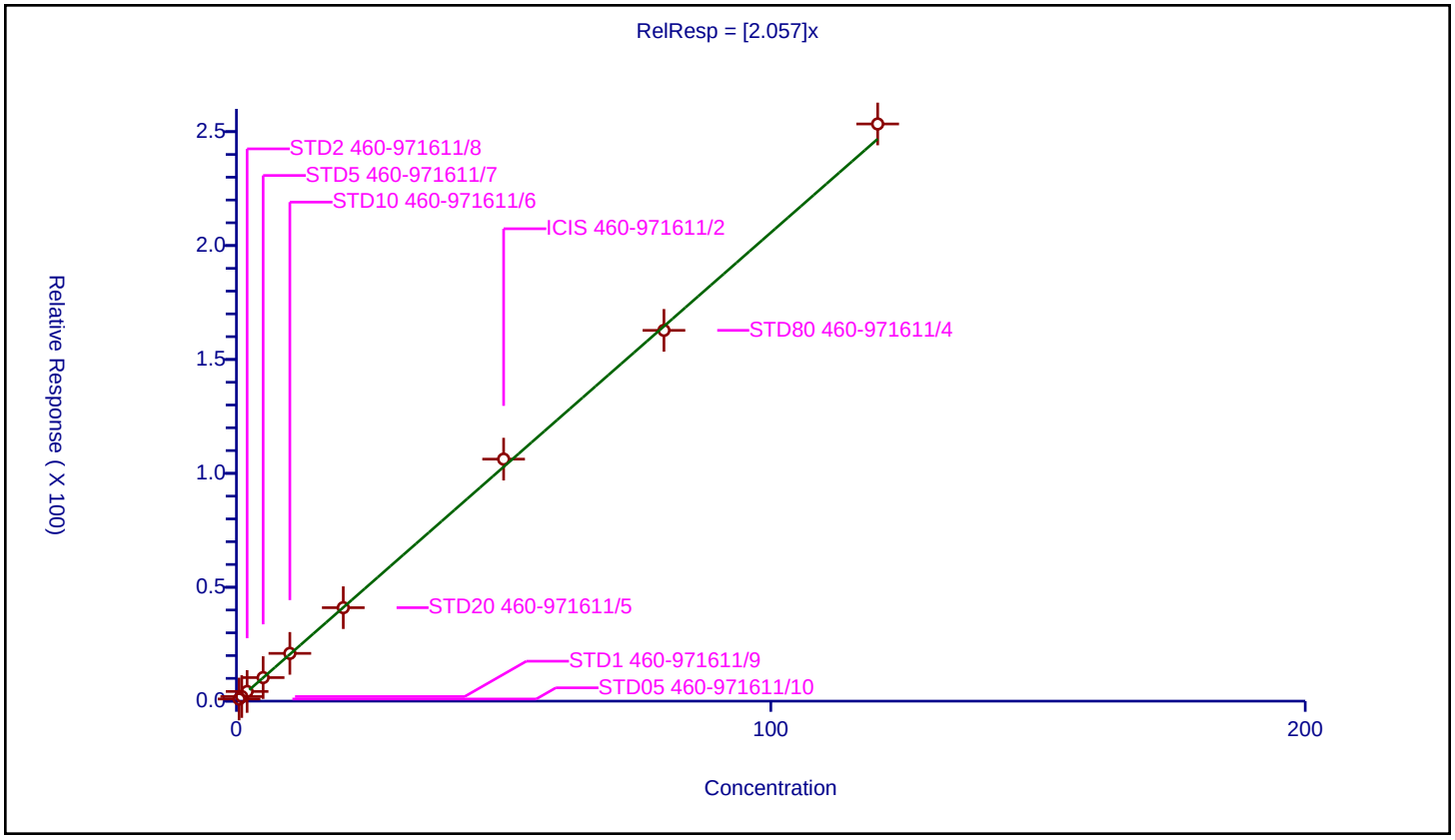
Curve Coefficients

Intercept:	0
Slope:	2.057

Error Coefficients

Relative Standard Deviation:	3.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-971611/10	0.5	0.941279	40.0	239164.0	1.882558	Y
2	STD1 460-971611/9	1.0	2.016574	40.0	247251.0	2.016574	Y
3	STD2 460-971611/8	2.0	4.245821	40.0	246586.0	2.12291	Y
4	STD5 460-971611/7	5.0	10.345031	40.0	254789.0	2.069006	Y
5	STD10 460-971611/6	10.0	20.97032	40.0	269808.0	2.097032	Y
6	STD20 460-971611/5	20.0	41.039092	40.0	265963.0	2.051955	Y
7	ICIS 460-971611/2	50.0	106.249308	40.0	270846.0	2.124986	Y
8	STD80 460-971611/4	80.0	162.771552	40.0	296729.0	2.034644	Y
9	STD120 460-971611/3	120.0	253.38266	40.0	264632.0	2.111522	Y



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Calibration / Nitrobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

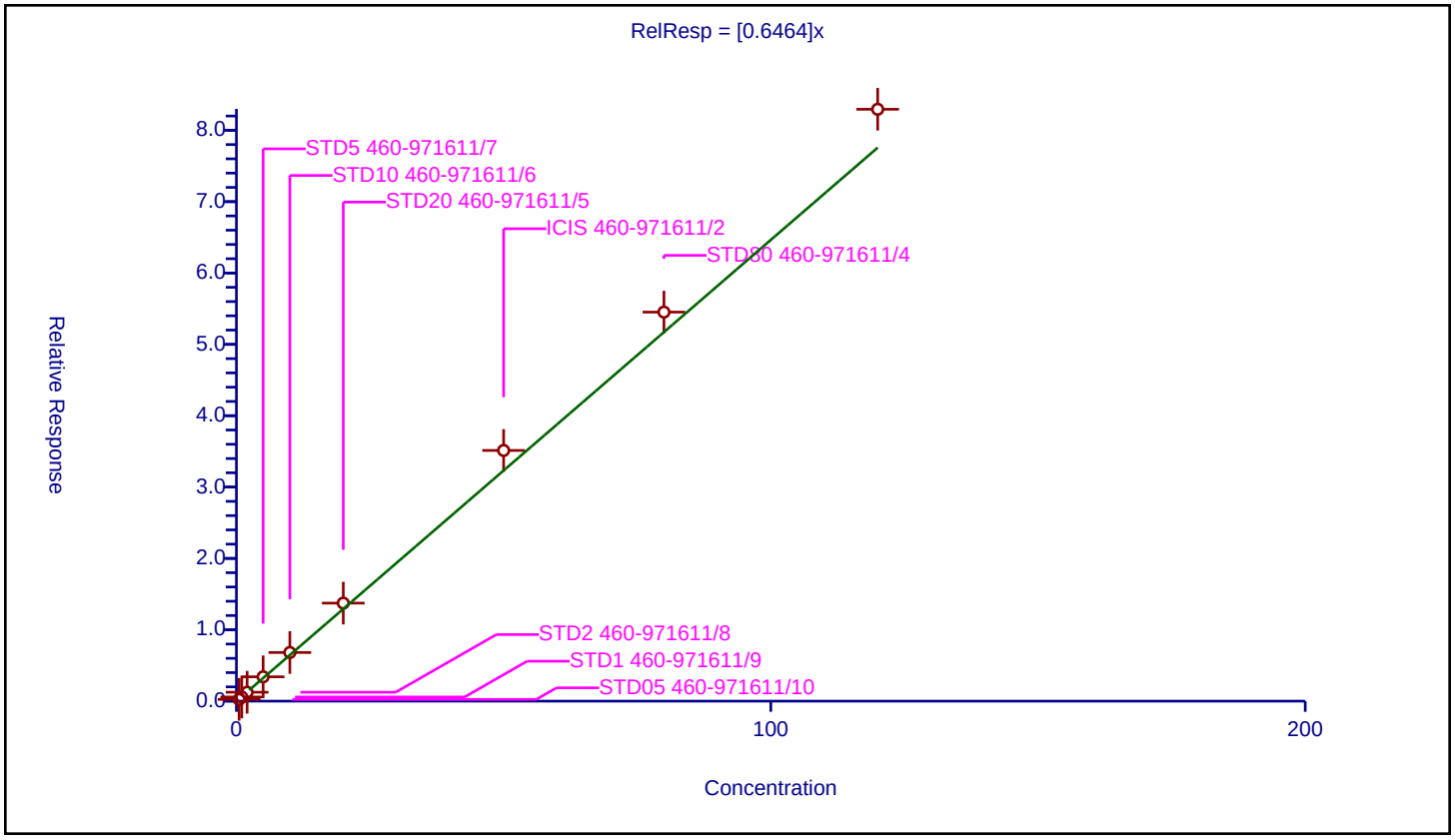
Curve Coefficients

Intercept:	0
Slope:	0.6464

Error Coefficients

Relative Standard Deviation:	11.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-971611/10	0.5	0.243849	40.0	239164.0	0.487699	Y
2	STD1 460-971611/9	1.0	0.580625	40.0	247251.0	0.580625	Y
3	STD2 460-971611/8	2.0	1.247111	40.0	246586.0	0.623555	Y
4	STD5 460-971611/7	5.0	3.408467	40.0	254789.0	0.681693	Y
5	STD10 460-971611/6	10.0	6.817885	40.0	269808.0	0.681789	Y
6	STD20 460-971611/5	20.0	13.736196	40.0	265963.0	0.68681	Y
7	ICIS 460-971611/2	50.0	35.131994	40.0	270846.0	0.70264	Y
8	STD80 460-971611/4	80.0	54.52032	40.0	296729.0	0.681504	Y
9	STD120 460-971611/3	120.0	82.947338	40.0	264632.0	0.691228	Y



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Calibration / Isophorone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

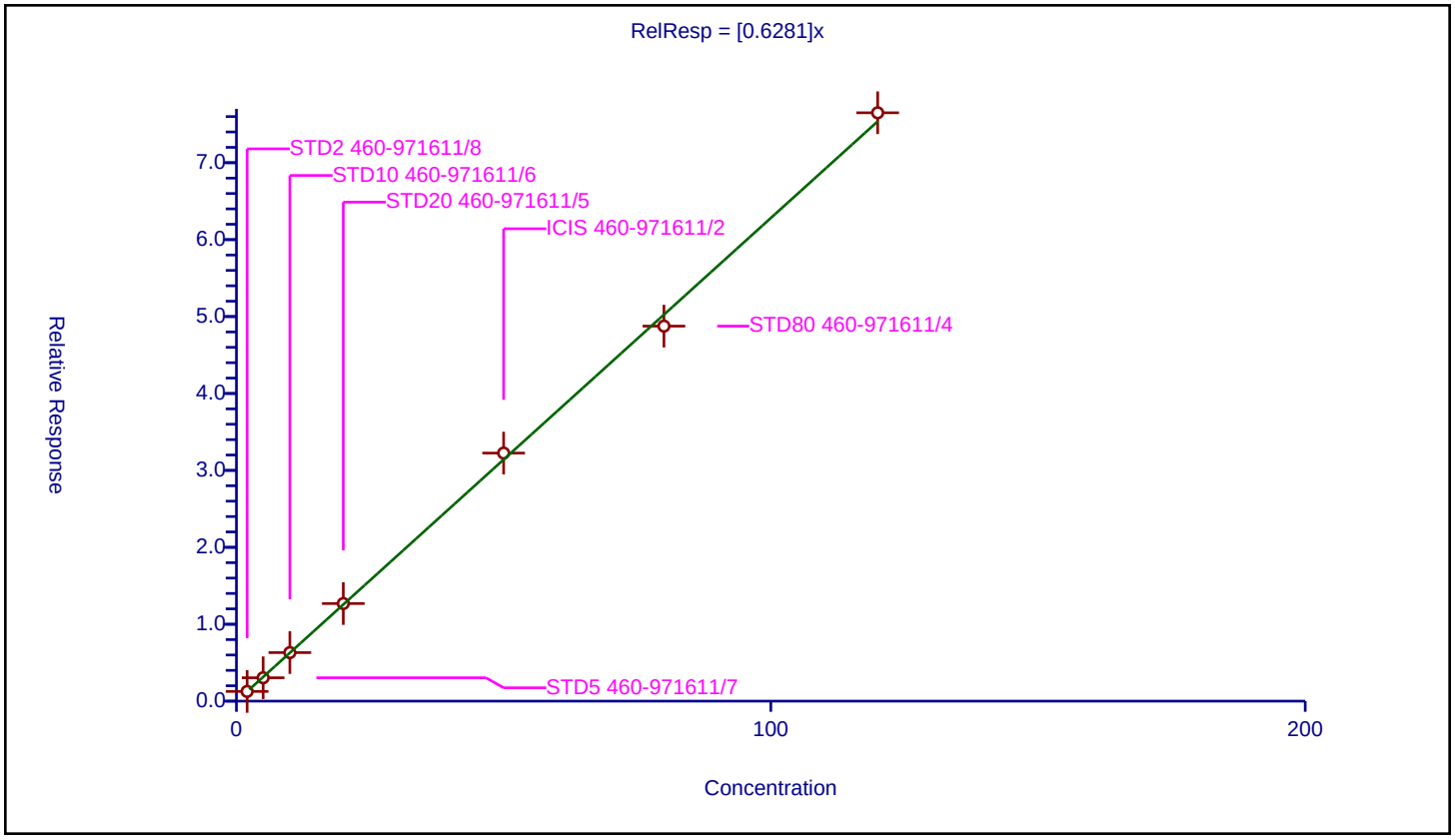
Curve Coefficients

Intercept:	0
Slope:	0.6281

Error Coefficients

Relative Standard Deviation:	2.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD2 460-971611/8	2.0	1.262631	40.0	952487.0	0.631316	Y
2	STD5 460-971611/7	5.0	3.039033	40.0	980167.0	0.607807	Y
3	STD10 460-971611/6	10.0	6.312188	40.0	1028271.0	0.631219	Y
4	STD20 460-971611/5	20.0	12.689797	40.0	1009485.0	0.63449	Y
5	ICIS 460-971611/2	50.0	32.250888	40.0	1043206.0	0.645018	Y
6	STD80 460-971611/4	80.0	48.758193	40.0	1134951.0	0.609477	Y
7	STD120 460-971611/3	120.0	76.496133	40.0	1006134.0	0.637468	Y



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Calibration / 2-Nitrophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

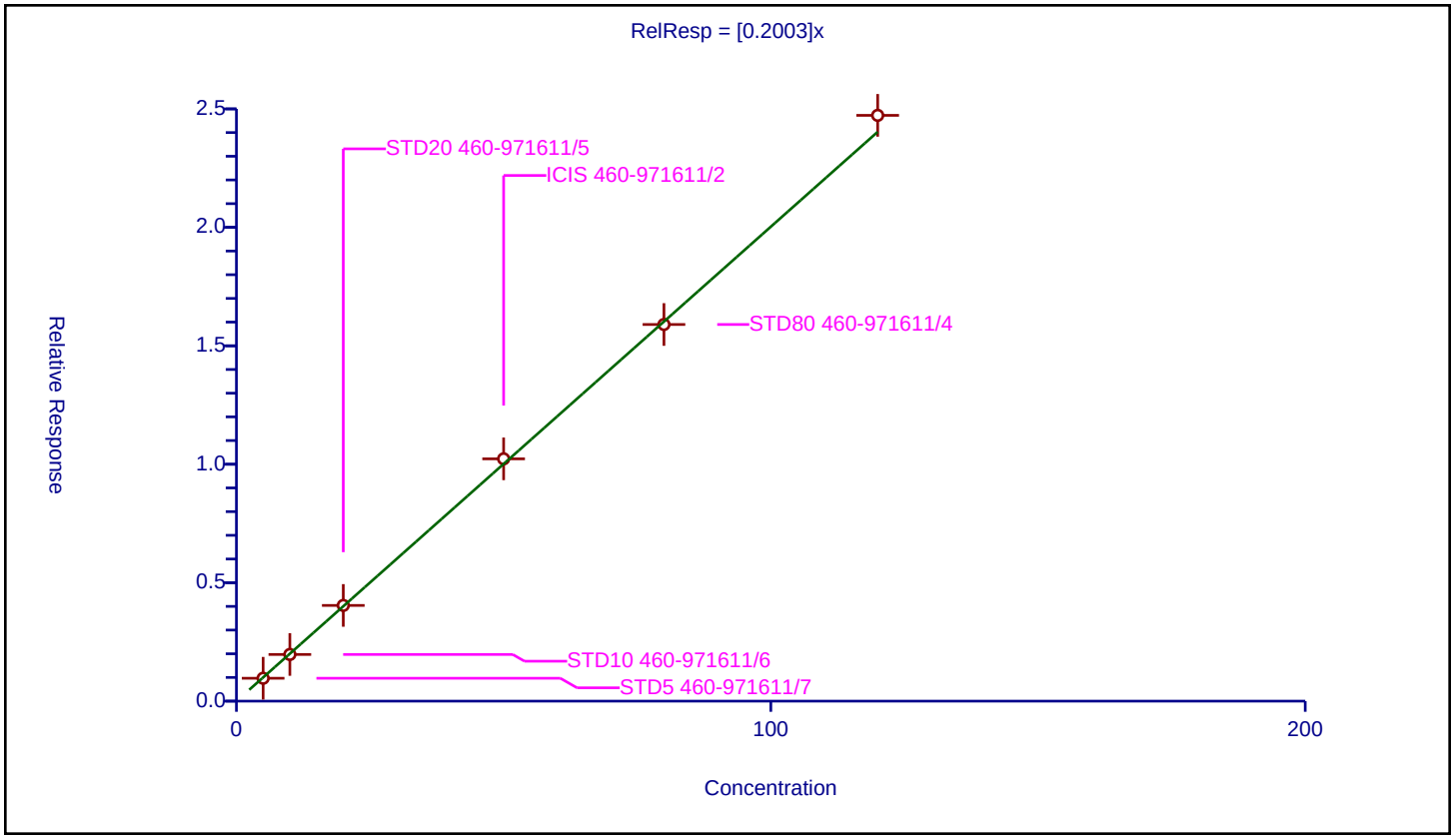
Curve Coefficients

Intercept:	0
Slope:	0.2003

Error Coefficients

Relative Standard Deviation:	2.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-971611/7	5.0	0.965917	40.0	980167.0	0.193183	Y
2	STD10 460-971611/6	10.0	1.969987	40.0	1028271.0	0.196999	Y
3	STD20 460-971611/5	20.0	4.040318	40.0	1009485.0	0.202016	Y
4	ICIS 460-971611/2	50.0	10.227855	40.0	1043206.0	0.204557	Y
5	STD80 460-971611/4	80.0	15.89873	40.0	1134951.0	0.198734	Y
6	STD120 460-971611/3	120.0	24.726329	40.0	1006134.0	0.206053	Y



Calibration / 2,4-Dimethylphenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

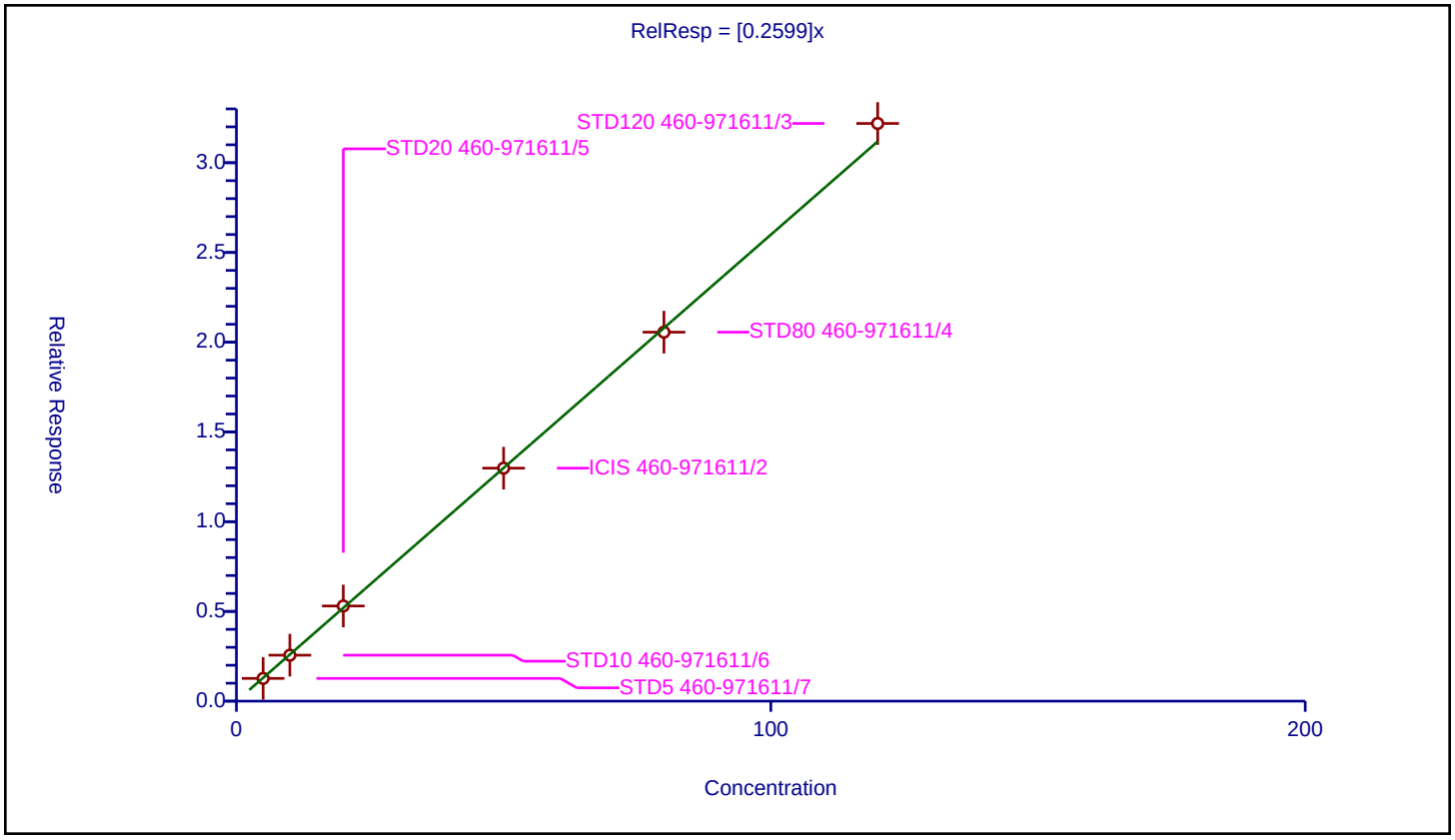
Curve Coefficients

Intercept:	0
Slope:	0.2599

Error Coefficients

Relative Standard Deviation:	2.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-971611/7	5.0	1.266356	40.0	980167.0	0.253271	Y
2	STD10 460-971611/6	10.0	2.560492	40.0	1028271.0	0.256049	Y
3	STD20 460-971611/5	20.0	5.301515	40.0	1009485.0	0.265076	Y
4	ICIS 460-971611/2	50.0	12.982096	40.0	1043206.0	0.259642	Y
5	STD80 460-971611/4	80.0	20.559478	40.0	1134951.0	0.256993	Y
6	STD120 460-971611/3	120.0	32.187721	40.0	1006134.0	0.268231	Y



Calibration / Benzoic acid

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

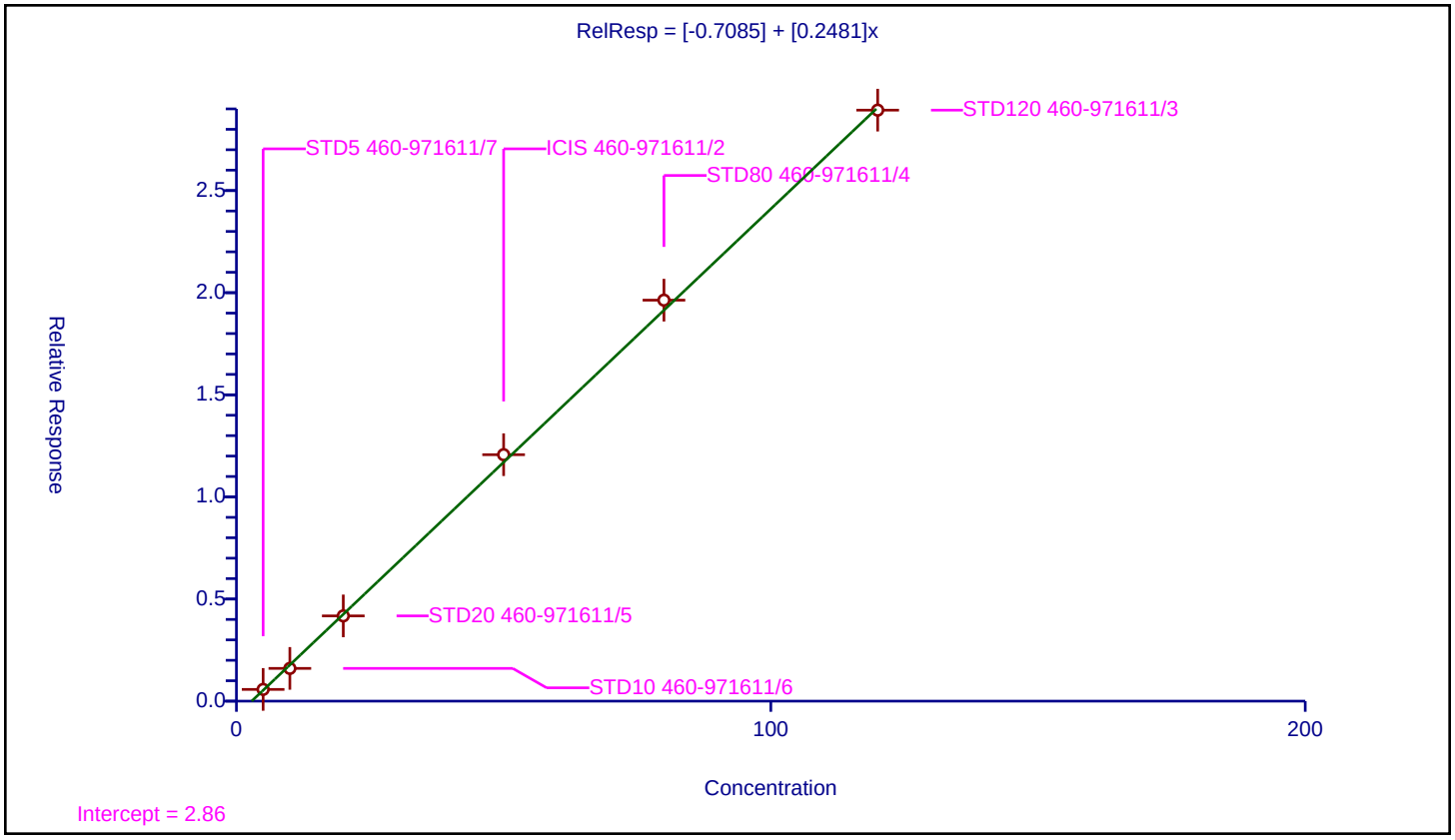
Curve Coefficients

Intercept:	-0.7085
Slope:	0.2481

Error Coefficients

Relative Standard Deviation:	4.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-971611/7	5.0	0.573984	40.0	980167.0	0.114797	Y
2	STD10 460-971611/6	10.0	1.602846	40.0	1028271.0	0.160285	Y
3	STD20 460-971611/5	20.0	4.174445	40.0	1009485.0	0.208722	Y
4	ICIS 460-971611/2	50.0	12.067492	40.0	1043206.0	0.24135	Y
5	STD80 460-971611/4	80.0	19.63468	40.0	1134951.0	0.245434	Y
6	STD120 460-971611/3	120.0	28.93873	40.0	1006134.0	0.241156	Y



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Calibration / Bis(2-chloroethoxy)methane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

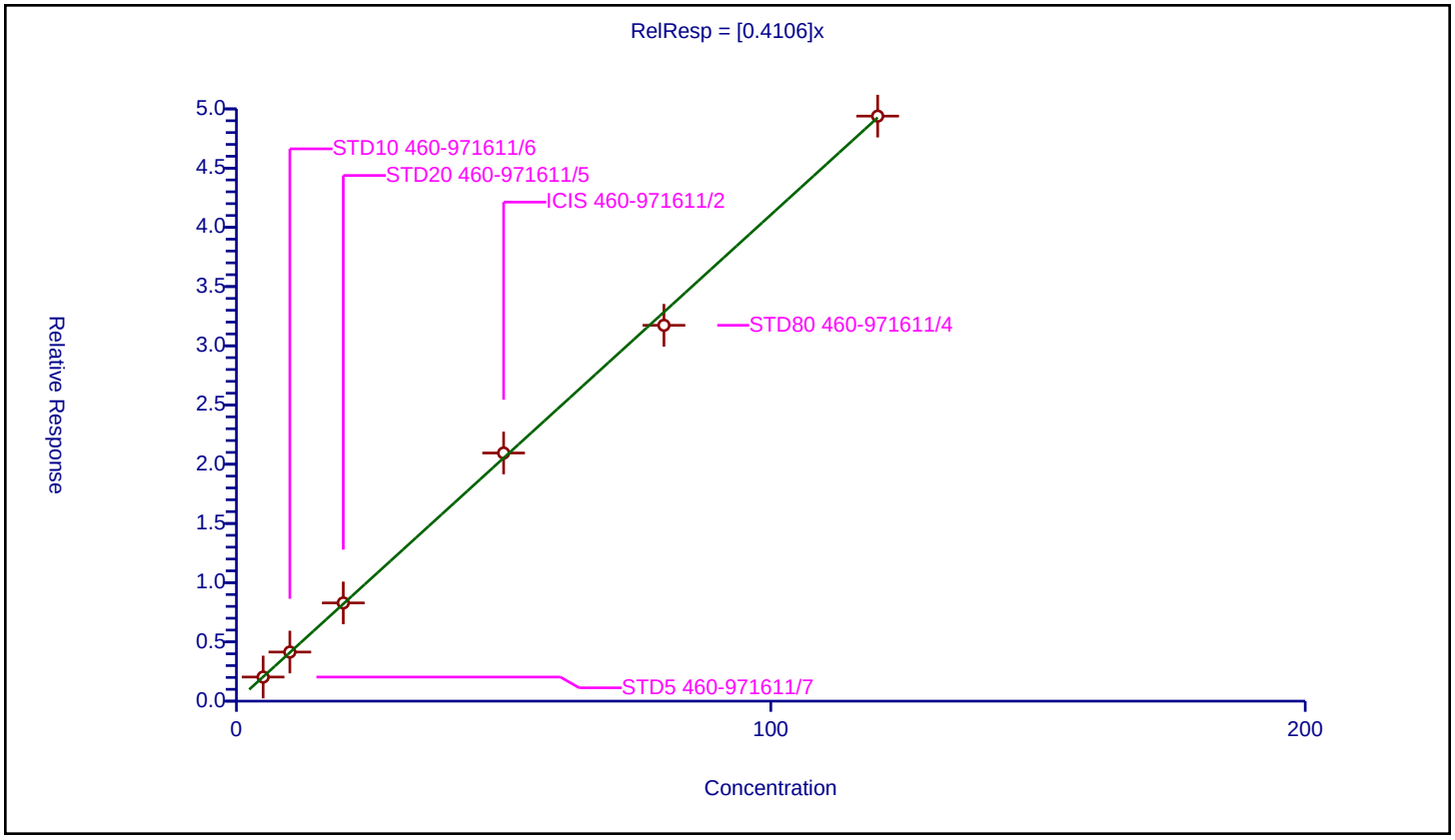
Curve Coefficients

Intercept:	0
Slope:	0.4106

Error Coefficients

Relative Standard Deviation:	1.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-971611/7	5.0	2.035694	40.0	980167.0	0.407139	Y
2	STD10 460-971611/6	10.0	4.144666	40.0	1028271.0	0.414467	Y
3	STD20 460-971611/5	20.0	8.291713	40.0	1009485.0	0.414586	Y
4	ICIS 460-971611/2	50.0	20.949419	40.0	1043206.0	0.418988	Y
5	STD80 460-971611/4	80.0	31.729722	40.0	1134951.0	0.396622	Y
6	STD120 460-971611/3	120.0	49.389882	40.0	1006134.0	0.411582	Y



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Calibration / 2,4-Dichlorophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

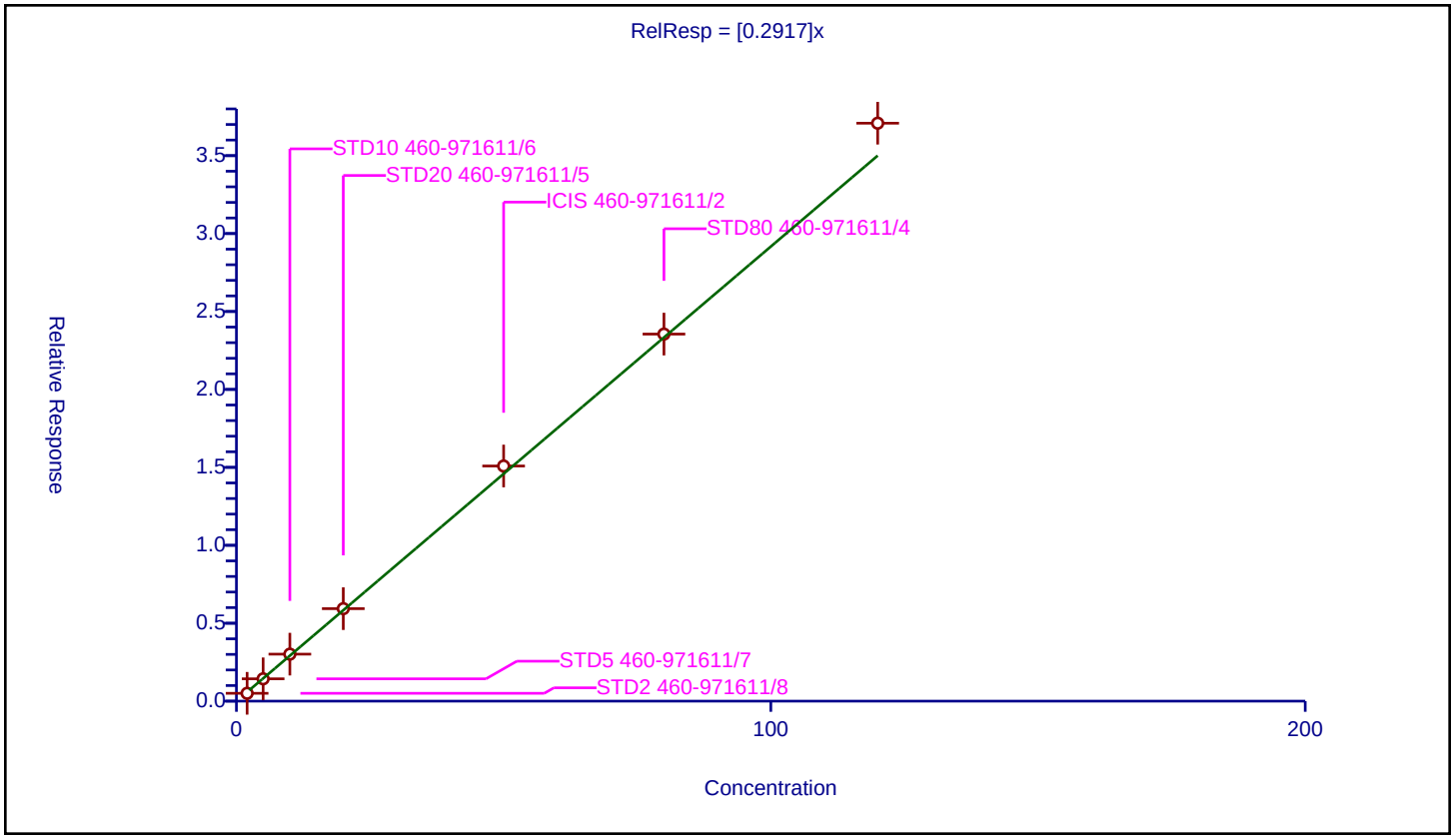
Curve Coefficients

Intercept:	0
Slope:	0.2917

Error Coefficients

Relative Standard Deviation:	6.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD2 460-971611/8	2.0	0.503734	40.0	952487.0	0.251867	Y
2	STD5 460-971611/7	5.0	1.432082	40.0	980167.0	0.286416	Y
3	STD10 460-971611/6	10.0	3.015936	40.0	1028271.0	0.301594	Y
4	STD20 460-971611/5	20.0	5.934075	40.0	1009485.0	0.296704	Y
5	ICIS 460-971611/2	50.0	15.086301	40.0	1043206.0	0.301726	Y
6	STD80 460-971611/4	80.0	23.550691	40.0	1134951.0	0.294384	Y
7	STD120 460-971611/3	120.0	37.083013	40.0	1006134.0	0.309025	Y



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Calibration / 1,2,4-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

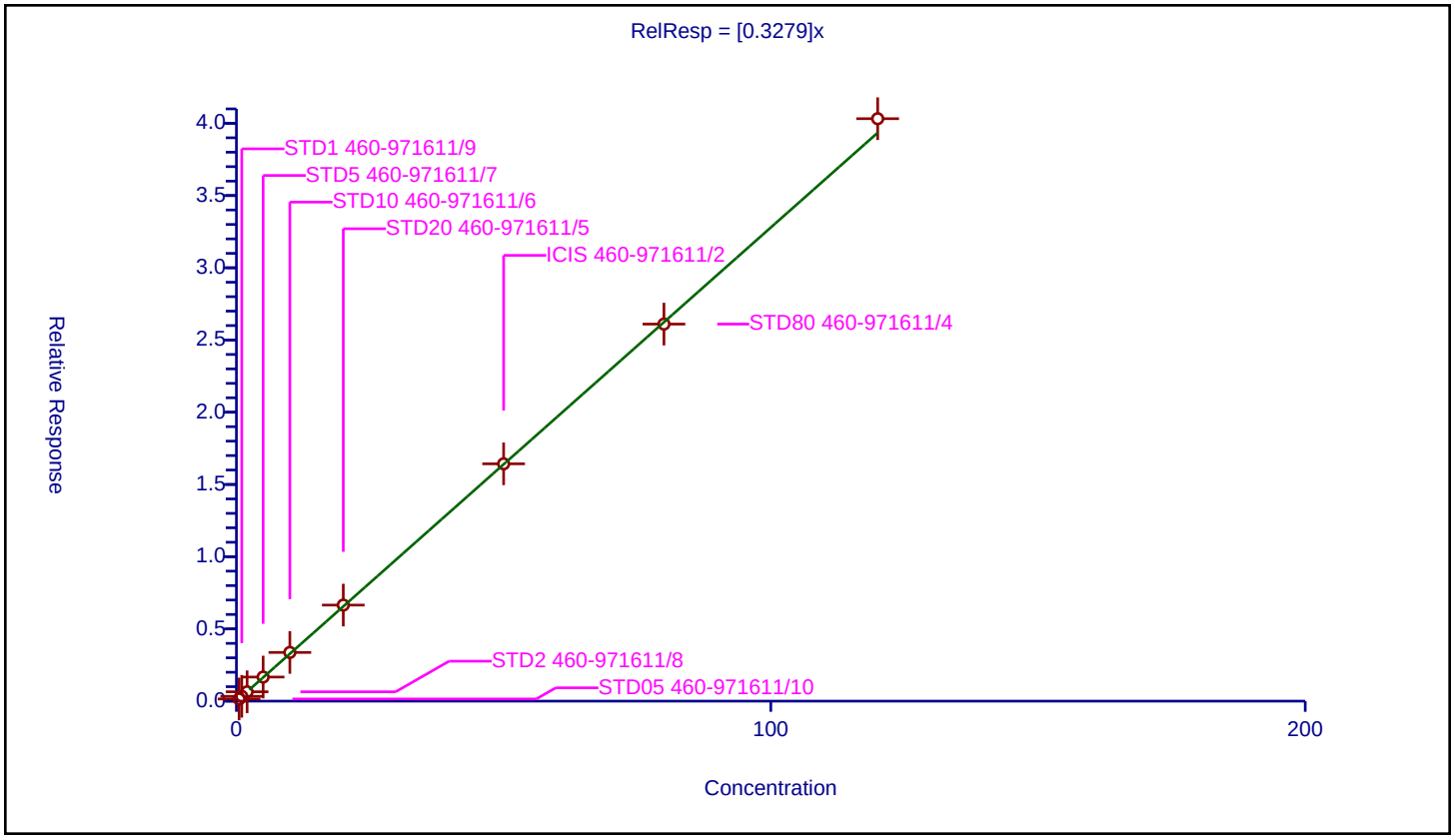
Curve Coefficients

Intercept:	0
Slope:	0.3279

Error Coefficients

Relative Standard Deviation:	3.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-971611/10	0.5	0.150648	40.0	918962.0	0.301296	Y
2	STD1 460-971611/9	1.0	0.332081	40.0	943264.0	0.332081	Y
3	STD2 460-971611/8	2.0	0.64761	40.0	952487.0	0.323805	Y
4	STD5 460-971611/7	5.0	1.667349	40.0	980167.0	0.33347	Y
5	STD10 460-971611/6	10.0	3.371796	40.0	1028271.0	0.33718	Y
6	STD20 460-971611/5	20.0	6.648816	40.0	1009485.0	0.332441	Y
7	ICIS 460-971611/2	50.0	16.42897	40.0	1043206.0	0.328579	Y
8	STD80 460-971611/4	80.0	26.102484	40.0	1134951.0	0.326281	Y
9	STD120 460-971611/3	120.0	40.320832	40.0	1006134.0	0.336007	Y



Calibration / Naphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

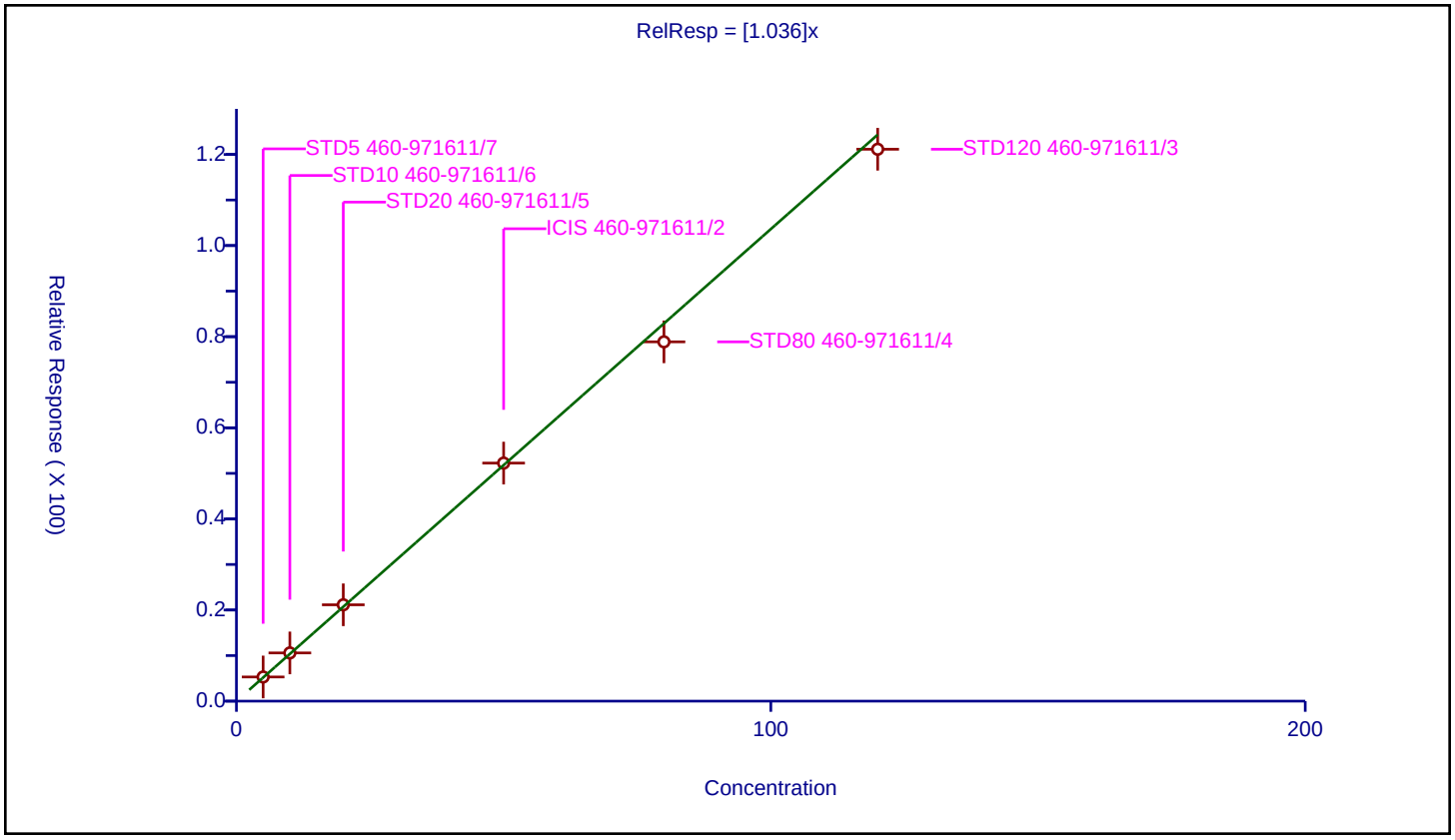
Curve Coefficients

Intercept:	0
Slope:	1.036

Error Coefficients

Relative Standard Deviation:	3.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-971611/7	5.0	5.302647	40.0	980167.0	1.060529	Y
2	STD10 460-971611/6	10.0	10.584914	40.0	1028271.0	1.058491	Y
3	STD20 460-971611/5	20.0	21.148407	40.0	1009485.0	1.05742	Y
4	ICIS 460-971611/2	50.0	52.256333	40.0	1043206.0	1.045127	Y
5	STD80 460-971611/4	80.0	78.868885	40.0	1134951.0	0.985861	Y
6	STD120 460-971611/3	120.0	121.141876	40.0	1006134.0	1.009516	Y



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Calibration / 2,6-Dichlorophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

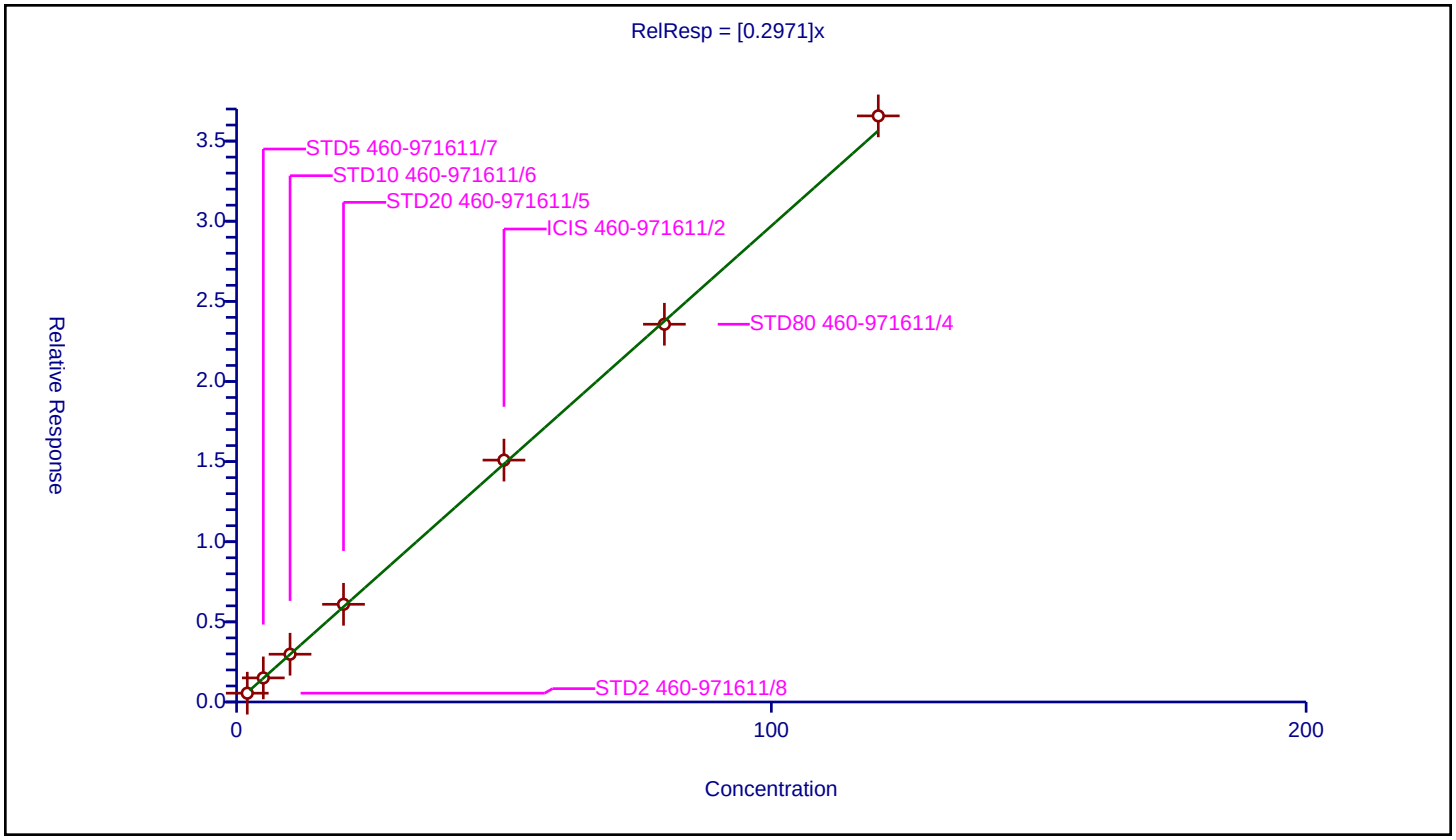
Curve Coefficients

Intercept:	0
Slope:	0.2971

Error Coefficients

Relative Standard Deviation:	3.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD2 460-971611/8	2.0	0.549425	40.0	952487.0	0.274712	Y
2	STD5 460-971611/7	5.0	1.502764	40.0	980167.0	0.300553	Y
3	STD10 460-971611/6	10.0	2.981121	40.0	1028271.0	0.298112	Y
4	STD20 460-971611/5	20.0	6.095742	40.0	1009485.0	0.304787	Y
5	ICIS 460-971611/2	50.0	15.091861	40.0	1043206.0	0.301837	Y
6	STD80 460-971611/4	80.0	23.570075	40.0	1134951.0	0.294626	Y
7	STD120 460-971611/3	120.0	36.57151	40.0	1006134.0	0.304763	Y



Calibration / 4-Chloroaniline

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

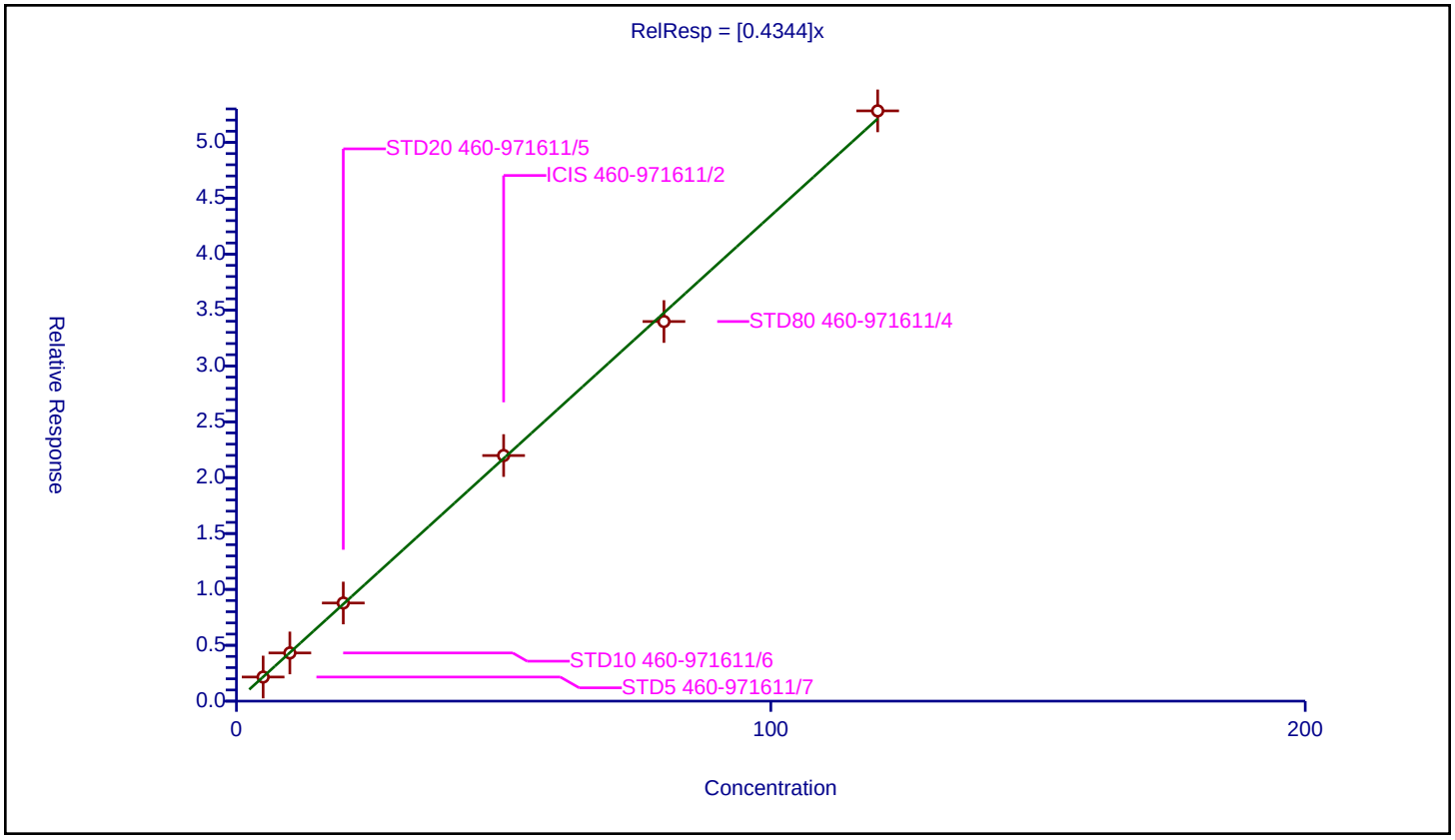
Curve Coefficients

Intercept:	0
Slope:	0.4344

Error Coefficients

Relative Standard Deviation:	1.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-971611/7	5.0	2.157061	40.0	980167.0	0.431412	Y
2	STD10 460-971611/6	10.0	4.312171	40.0	1028271.0	0.431217	Y
3	STD20 460-971611/5	20.0	8.781824	40.0	1009485.0	0.439091	Y
4	ICIS 460-971611/2	50.0	21.979245	40.0	1043206.0	0.439585	Y
5	STD80 460-971611/4	80.0	33.971934	40.0	1134951.0	0.424649	Y
6	STD120 460-971611/3	120.0	52.822507	40.0	1006134.0	0.440188	Y



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Calibration / Hexachlorobutadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

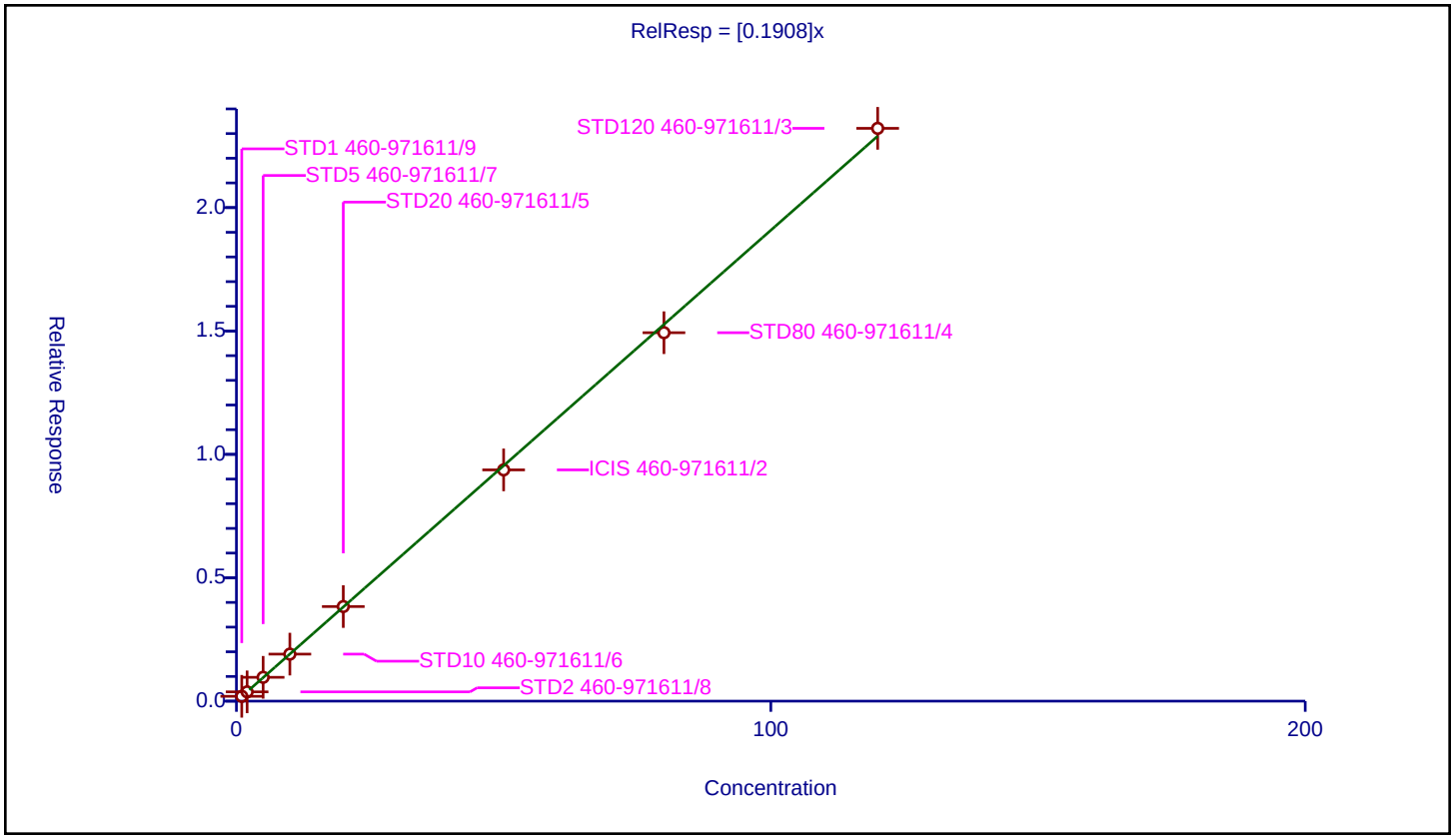
Curve Coefficients

Intercept:	0
Slope:	0.1908

Error Coefficients

Relative Standard Deviation:	1.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-971611/9	1.0	0.195831	40.0	943264.0	0.195831	Y
2	STD2 460-971611/8	2.0	0.375648	40.0	952487.0	0.187824	Y
3	STD5 460-971611/7	5.0	0.965591	40.0	980167.0	0.193118	Y
4	STD10 460-971611/6	10.0	1.905607	40.0	1028271.0	0.190561	Y
5	STD20 460-971611/5	20.0	3.833678	40.0	1009485.0	0.191684	Y
6	ICIS 460-971611/2	50.0	9.371303	40.0	1043206.0	0.187426	Y
7	STD80 460-971611/4	80.0	14.930618	40.0	1134951.0	0.186633	Y
8	STD120 460-971611/3	120.0	23.211938	40.0	1006134.0	0.193433	Y



Calibration / Caprolactam

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

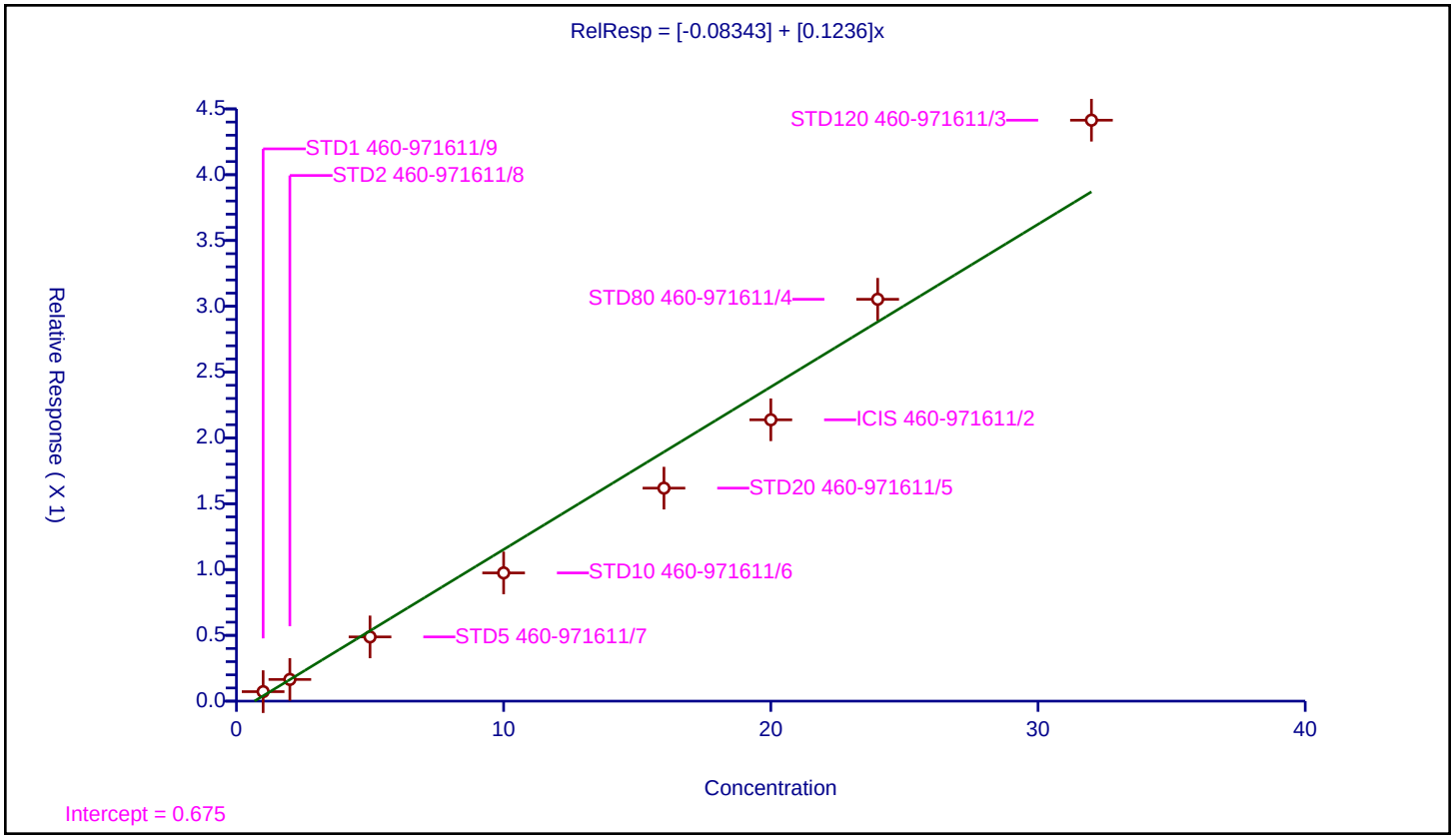
Curve Coefficients

Intercept:	-0.08343
Slope:	0.1236

Error Coefficients

Relative Standard Deviation:	15.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-971611/9	1.0	0.072133	40.0	943264.0	0.072133	Y
2	STD2 460-971611/8	2.0	0.164748	40.0	952487.0	0.082374	Y
3	STD5 460-971611/7	5.0	0.488039	40.0	980167.0	0.097608	Y
4	STD10 460-971611/6	10.0	0.974373	40.0	1028271.0	0.097437	Y
5	STD20 460-971611/5	16.0	1.618449	40.0	1009485.0	0.101153	Y
6	ICIS 460-971611/2	20.0	2.137794	40.0	1043206.0	0.10689	Y
7	STD80 460-971611/4	24.0	3.053489	40.0	1134951.0	0.127229	Y
8	STD120 460-971611/3	32.0	4.414243	40.0	1006134.0	0.137945	Y



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Calibration / 4-Chloro-3-methylphenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

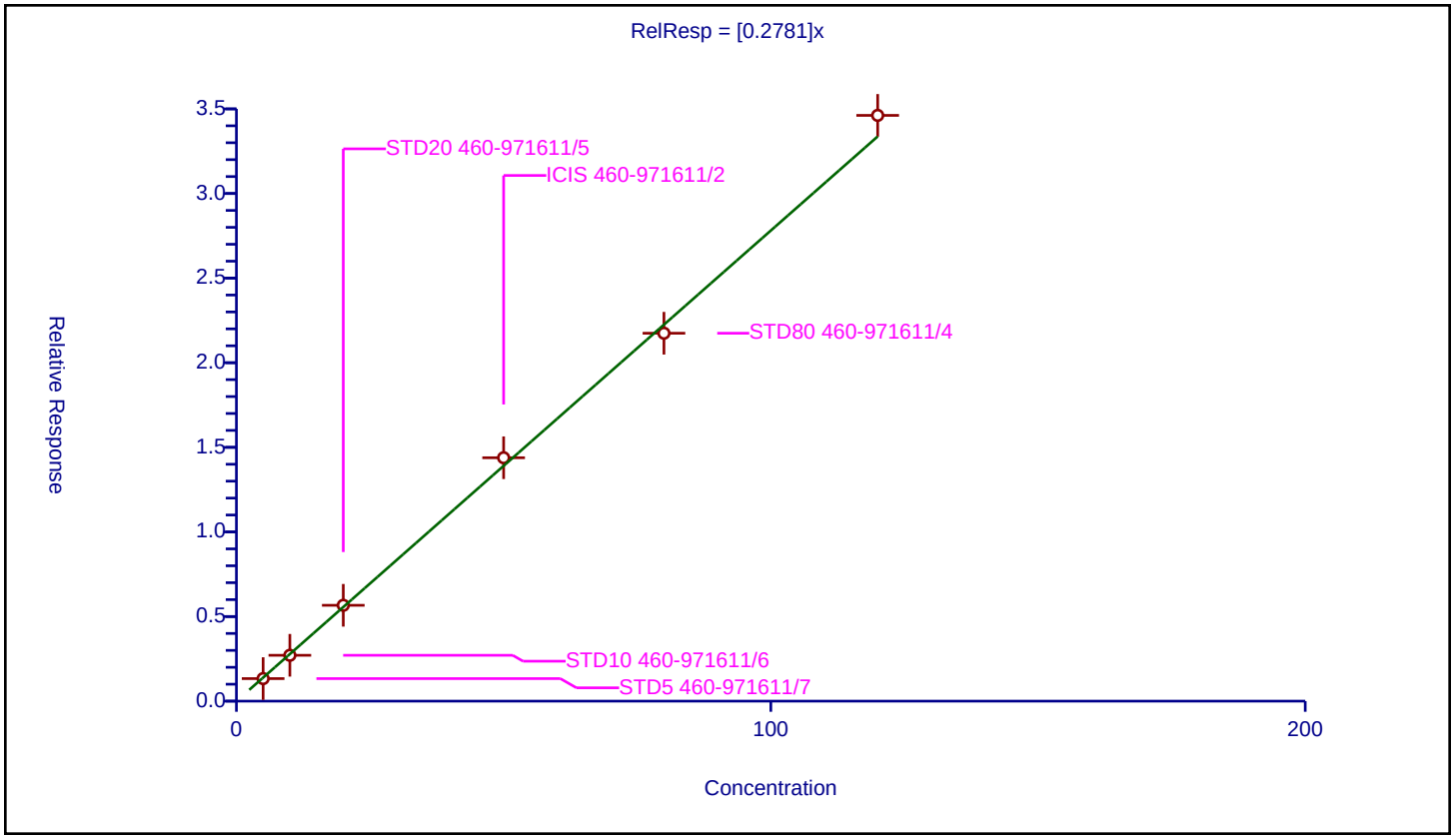
Curve Coefficients

Intercept:	0
Slope:	0.2781

Error Coefficients

Relative Standard Deviation:	3.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-971611/7	5.0	1.332752	40.0	980167.0	0.26655	Y
2	STD10 460-971611/6	10.0	2.708975	40.0	1028271.0	0.270897	Y
3	STD20 460-971611/5	20.0	5.664235	40.0	1009485.0	0.283212	Y
4	ICIS 460-971611/2	50.0	14.384388	40.0	1043206.0	0.287688	Y
5	STD80 460-971611/4	80.0	21.741696	40.0	1134951.0	0.271771	Y
6	STD120 460-971611/3	120.0	34.615508	40.0	1006134.0	0.288463	Y



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Calibration / 2-Methylnaphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

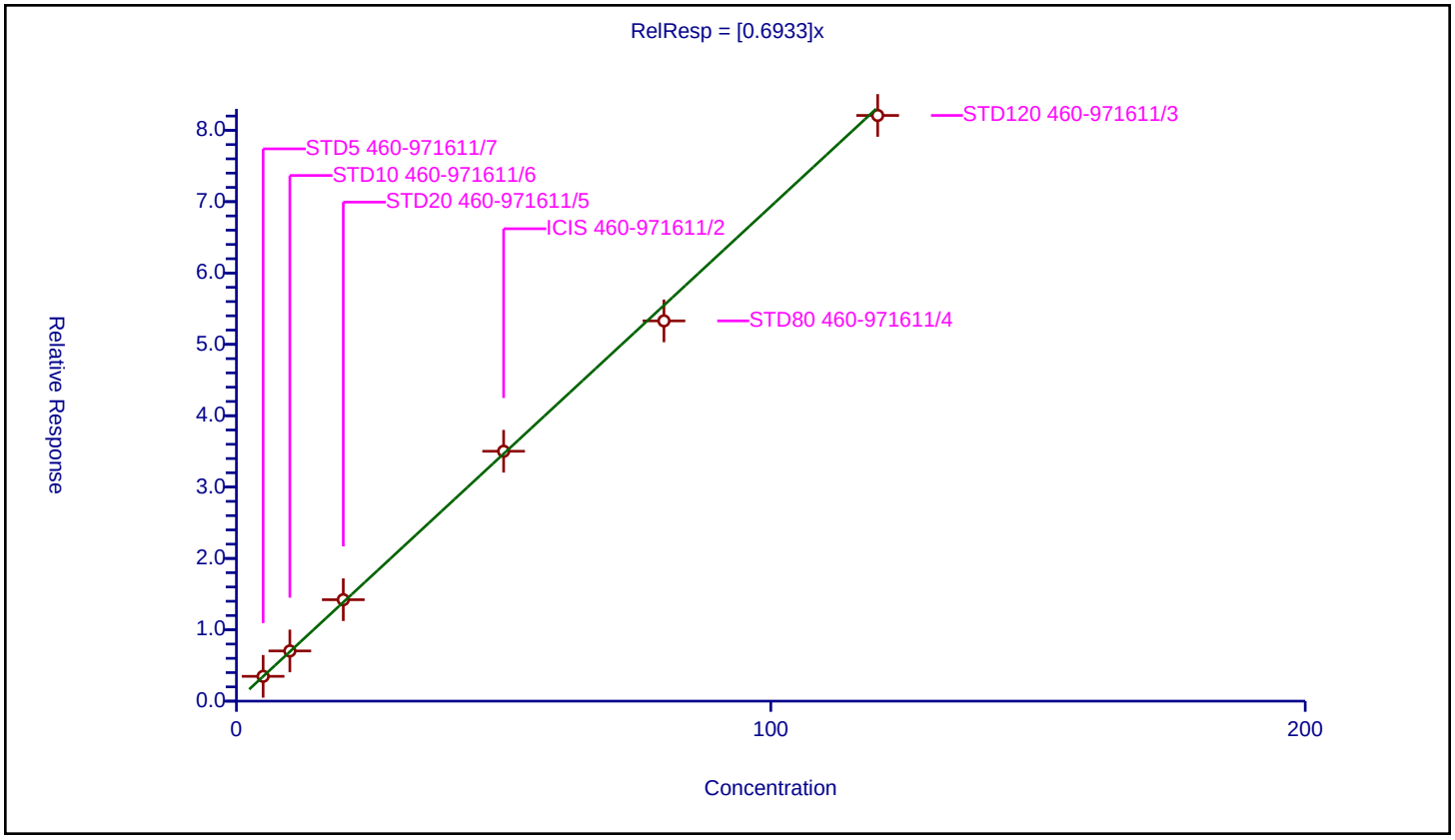
Curve Coefficients

Intercept:	0
Slope:	0.6933

Error Coefficients

Relative Standard Deviation:	2.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-971611/7	5.0	3.476918	40.0	980167.0	0.695384	Y
2	STD10 460-971611/6	10.0	7.032465	40.0	1028271.0	0.703247	Y
3	STD20 460-971611/5	20.0	14.215288	40.0	1009485.0	0.710764	Y
4	ICIS 460-971611/2	50.0	35.021233	40.0	1043206.0	0.700425	Y
5	STD80 460-971611/4	80.0	53.293966	40.0	1134951.0	0.666175	Y
6	STD120 460-971611/3	120.0	82.080916	40.0	1006134.0	0.684008	Y



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Calibration / 1-Methylnaphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

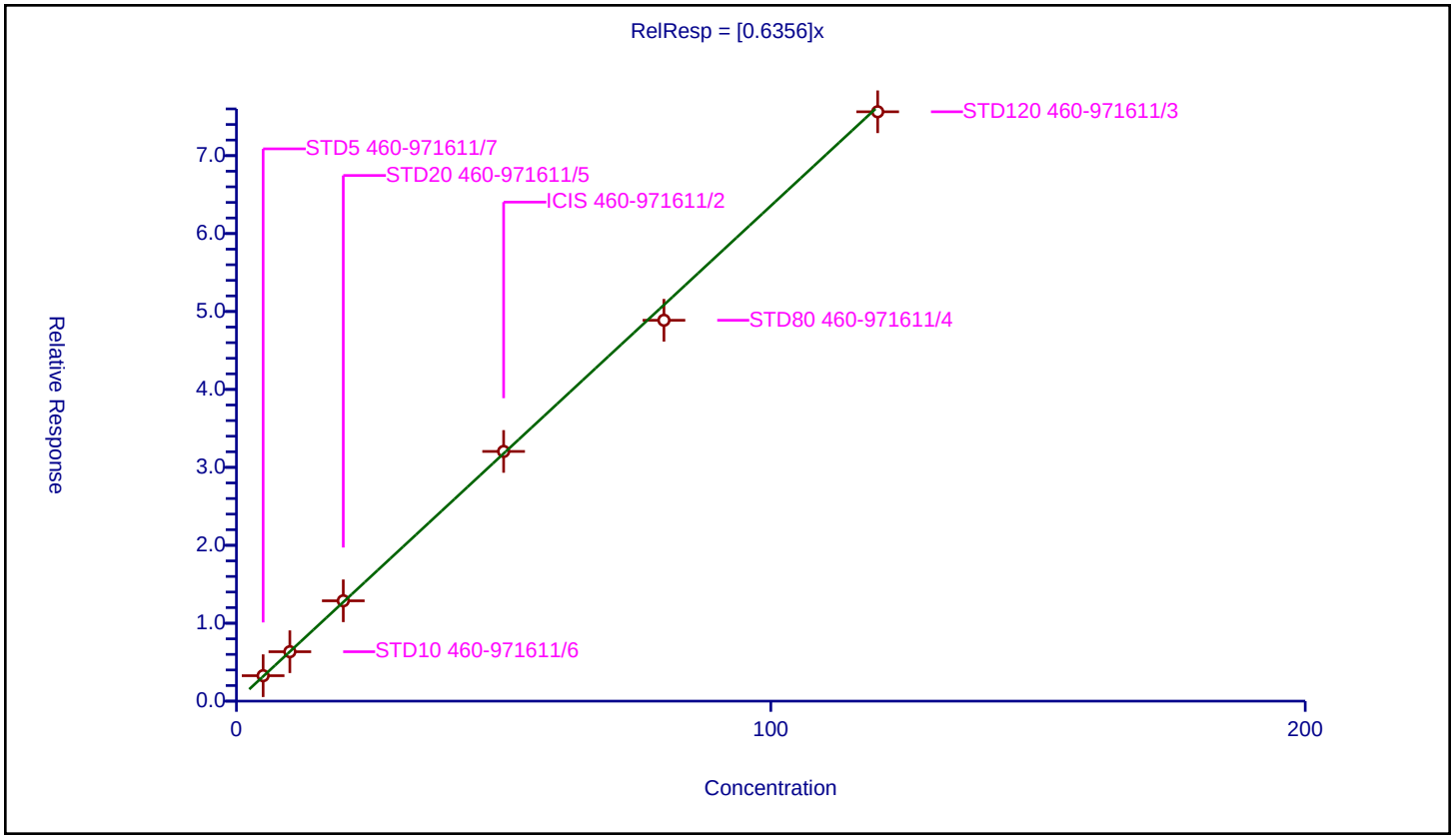
Curve Coefficients

Intercept:	0
Slope:	0.6356

Error Coefficients

Relative Standard Deviation:	2.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-971611/7	5.0	3.266586	40.0	980167.0	0.653317	Y
2	STD10 460-971611/6	10.0	6.340546	40.0	1028271.0	0.634055	Y
3	STD20 460-971611/5	20.0	12.877259	40.0	1009485.0	0.643863	Y
4	ICIS 460-971611/2	50.0	32.043221	40.0	1043206.0	0.640864	Y
5	STD80 460-971611/4	80.0	48.875661	40.0	1134951.0	0.610946	Y
6	STD120 460-971611/3	120.0	75.63092	40.0	1006134.0	0.630258	Y



Calibration / Hexachlorocyclopentadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

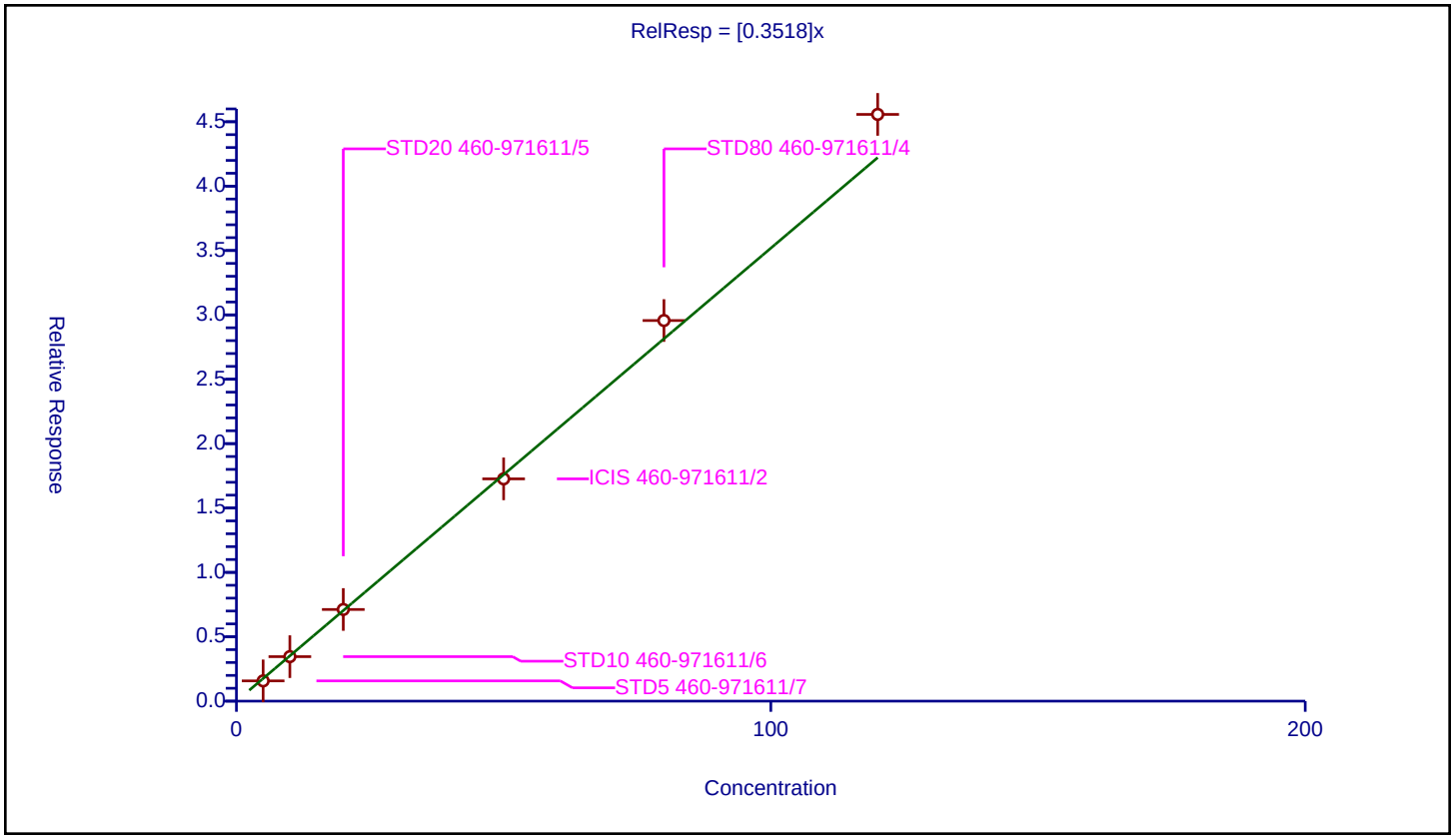
Curve Coefficients

Intercept:	0
Slope:	0.3518

Error Coefficients

Relative Standard Deviation:	6.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-971611/7	5.0	1.573692	40.0	553450.0	0.314738	Y
2	STD10 460-971611/6	10.0	3.456491	40.0	571840.0	0.345649	Y
3	STD20 460-971611/5	20.0	7.118851	40.0	553078.0	0.355943	Y
4	ICIS 460-971611/2	50.0	17.263963	40.0	584802.0	0.345279	Y
5	STD80 460-971611/4	80.0	29.563101	40.0	619686.0	0.369539	Y
6	STD120 460-971611/3	120.0	45.572069	40.0	557136.0	0.379767	Y



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Calibration / 1,2,4,5-Tetrachlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

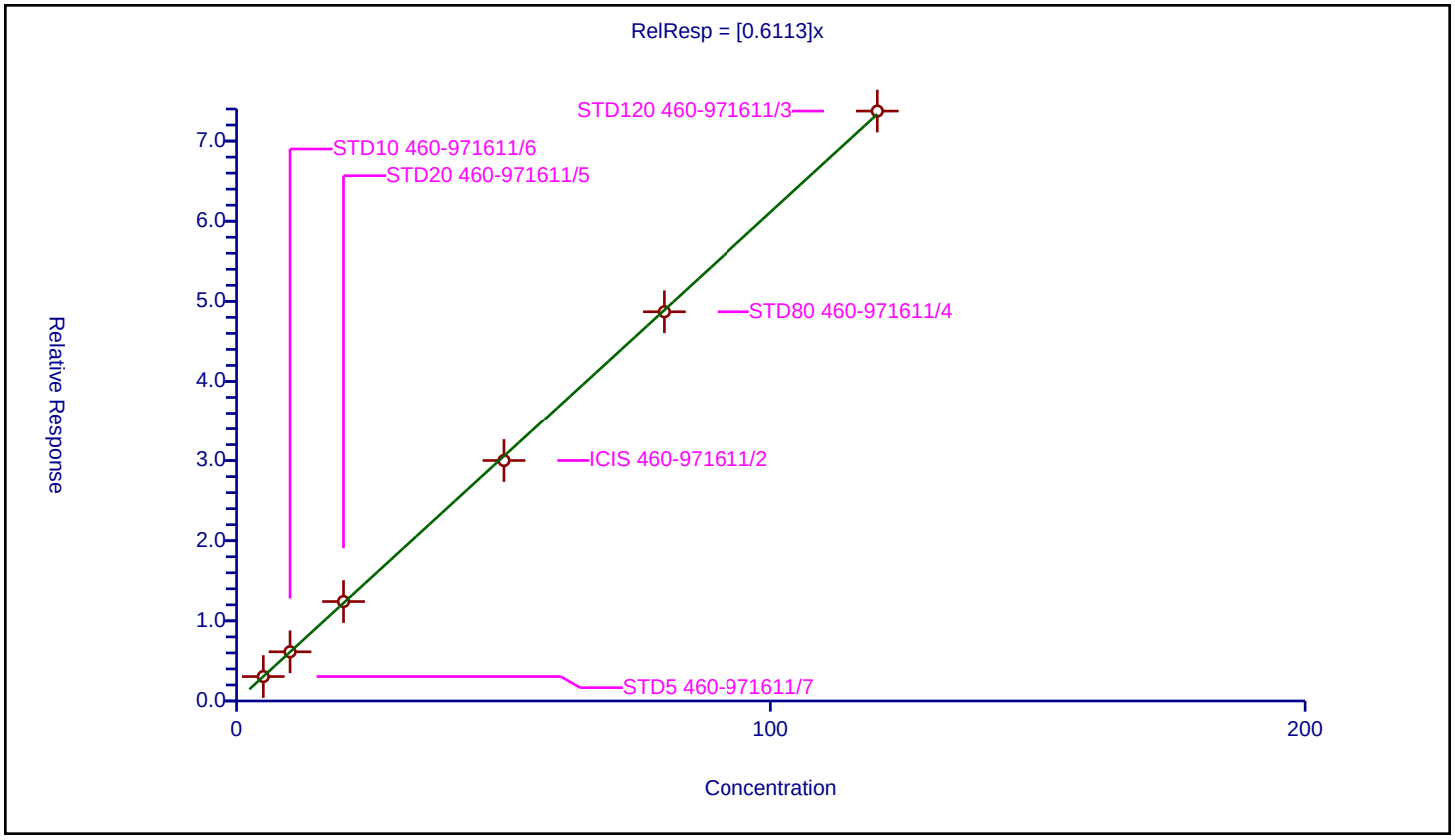
Curve Coefficients

Intercept:	0
Slope:	0.6113

Error Coefficients

Relative Standard Deviation:	1.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-971611/7	5.0	3.050393	40.0	553450.0	0.610079	Y
2	STD10 460-971611/6	10.0	6.13906	40.0	571840.0	0.613906	Y
3	STD20 460-971611/5	20.0	12.411052	40.0	553078.0	0.620553	Y
4	ICIS 460-971611/2	50.0	30.012825	40.0	584802.0	0.600256	Y
5	STD80 460-971611/4	80.0	48.699761	40.0	619686.0	0.608747	Y
6	STD120 460-971611/3	120.0	73.742641	40.0	557136.0	0.614522	Y



Calibration / 2-tertbutyl-4-methylphenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

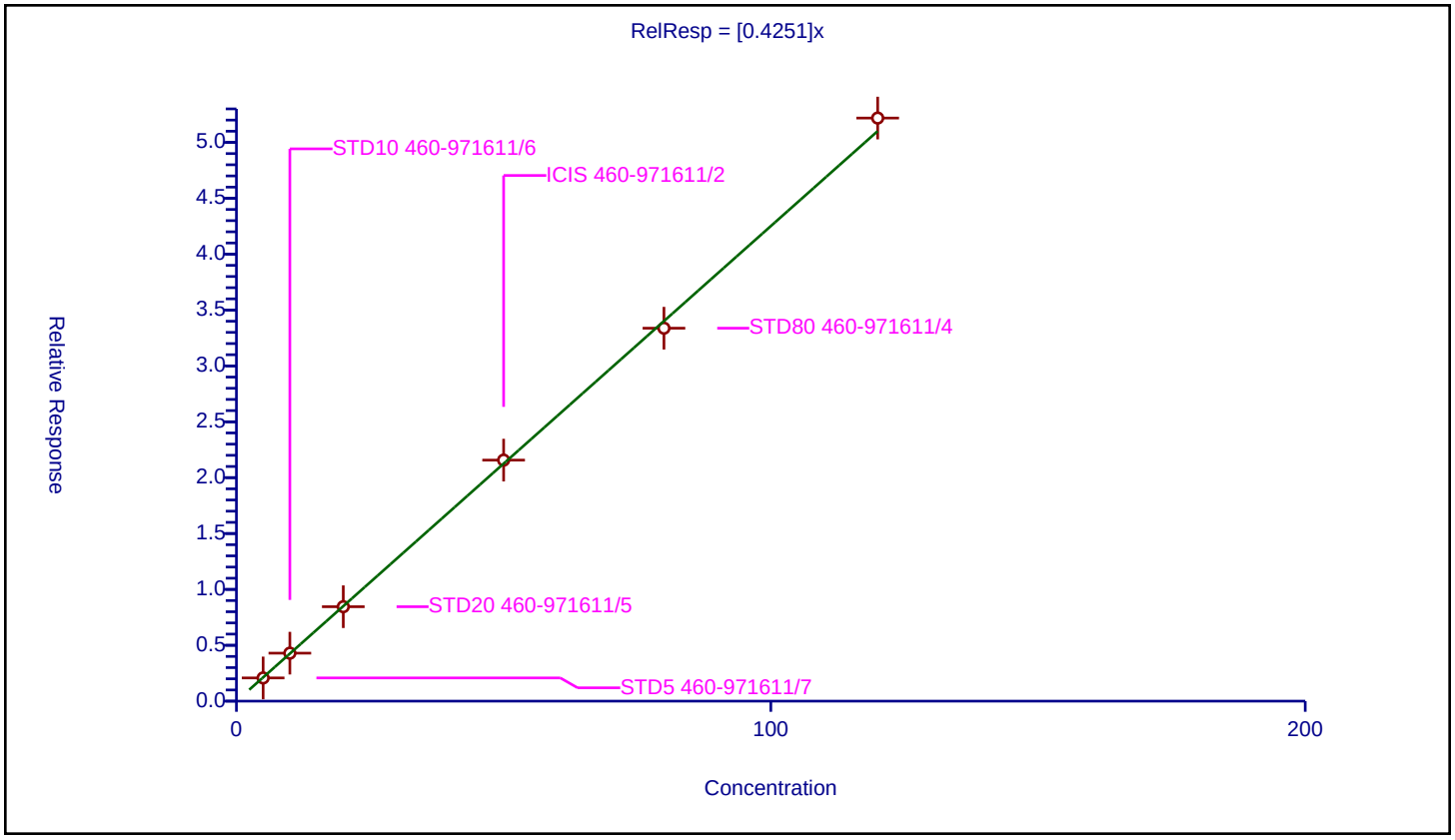
Curve Coefficients

Intercept:	0
Slope:	0.4251

Error Coefficients

Relative Standard Deviation:	1.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-971611/7	5.0	2.076258	40.0	980167.0	0.415252	Y
2	STD10 460-971611/6	10.0	4.294277	40.0	1028271.0	0.429428	Y
3	STD20 460-971611/5	20.0	8.45128	40.0	1009485.0	0.422564	Y
4	ICIS 460-971611/2	50.0	21.568549	40.0	1043206.0	0.431371	Y
5	STD80 460-971611/4	80.0	33.375573	40.0	1134951.0	0.417195	Y
6	STD120 460-971611/3	120.0	52.180405	40.0	1006134.0	0.434837	Y



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Calibration / 2,4,6-Trichlorophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

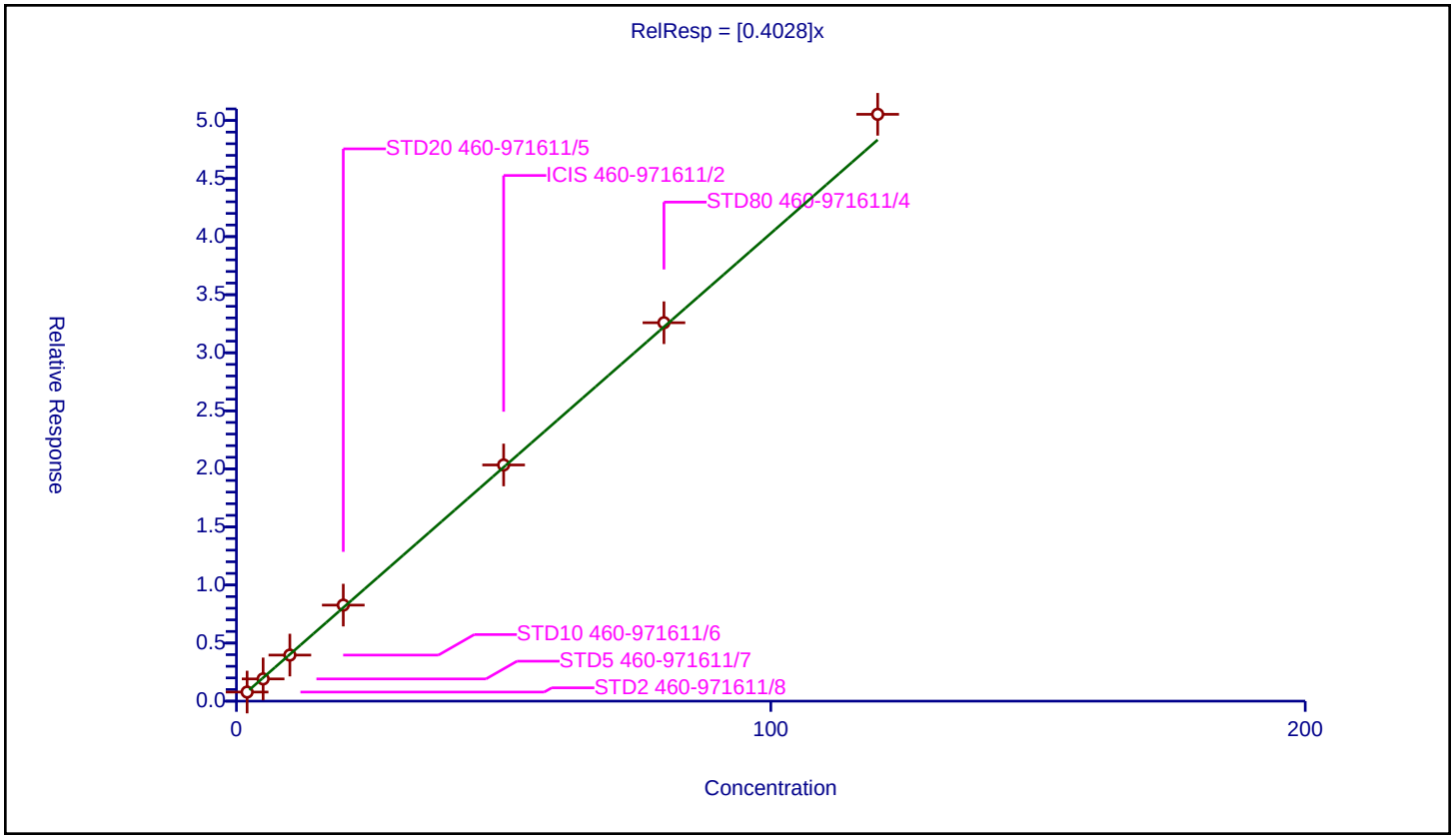
Curve Coefficients

Intercept:	0
Slope:	0.4028

Error Coefficients

Relative Standard Deviation:	3.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD2 460-971611/8	2.0	0.783229	40.0	523372.0	0.391614	Y
2	STD5 460-971611/7	5.0	1.914536	40.0	553450.0	0.382907	Y
3	STD10 460-971611/6	10.0	3.965795	40.0	571840.0	0.396579	Y
4	STD20 460-971611/5	20.0	8.268779	40.0	553078.0	0.413439	Y
5	ICIS 460-971611/2	50.0	20.338439	40.0	584802.0	0.406769	Y
6	STD80 460-971611/4	80.0	32.587859	40.0	619686.0	0.407348	Y
7	STD120 460-971611/3	120.0	50.534089	40.0	557136.0	0.421117	Y



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Calibration / 2,4,5-Trichlorophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

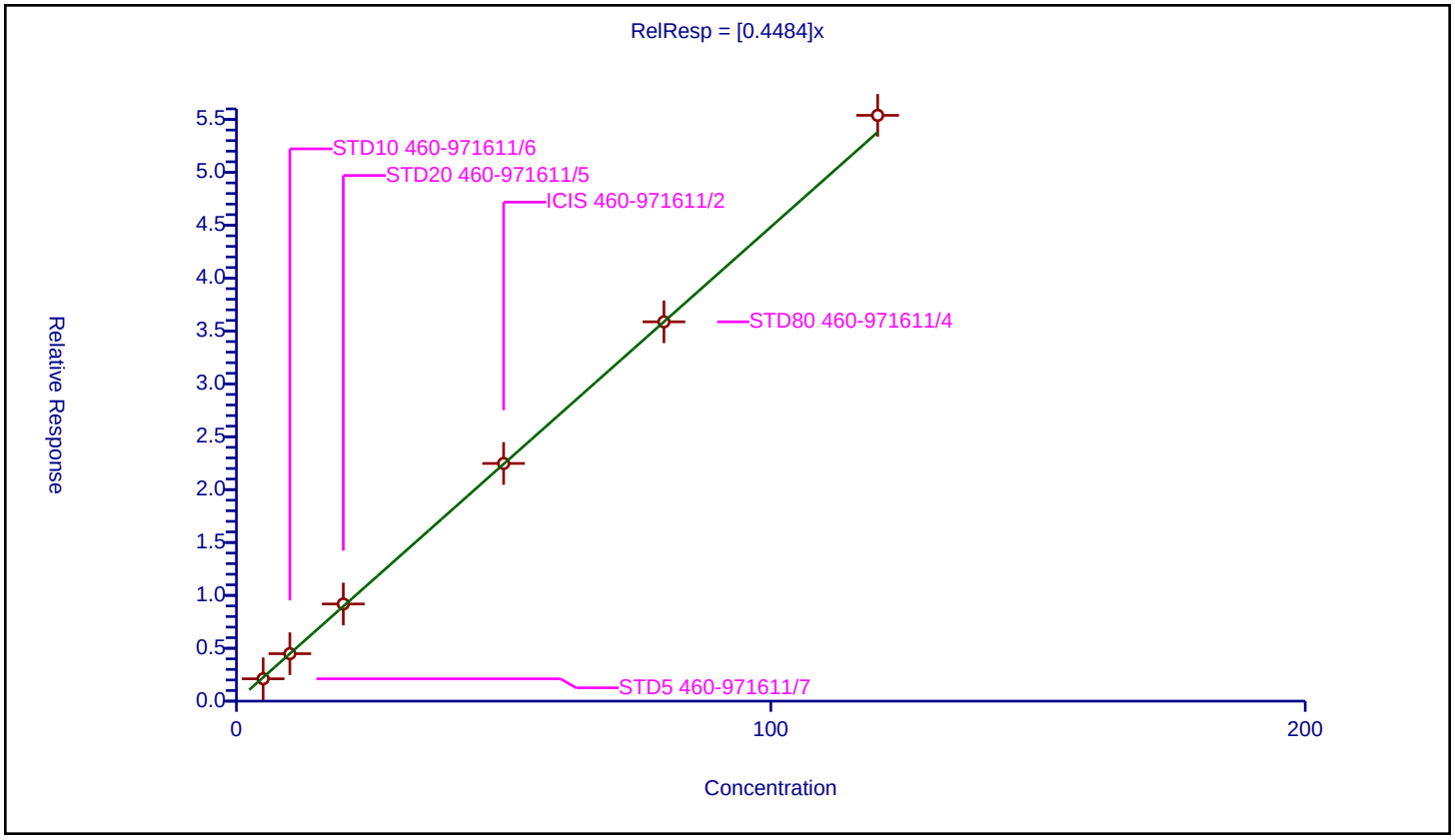
Curve Coefficients

Intercept:	0
Slope:	0.4484

Error Coefficients

Relative Standard Deviation:	3.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-971611/7	5.0	2.114157	40.0	553450.0	0.422831	Y
2	STD10 460-971611/6	10.0	4.487689	40.0	571840.0	0.448769	Y
3	STD20 460-971611/5	20.0	9.184672	40.0	553078.0	0.459234	Y
4	ICIS 460-971611/2	50.0	22.474342	40.0	584802.0	0.449487	Y
5	STD80 460-971611/4	80.0	35.869005	40.0	619686.0	0.448363	Y
6	STD120 460-971611/3	120.0	55.390425	40.0	557136.0	0.461587	Y



Calibration / 2-Fluorobiphenyl

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

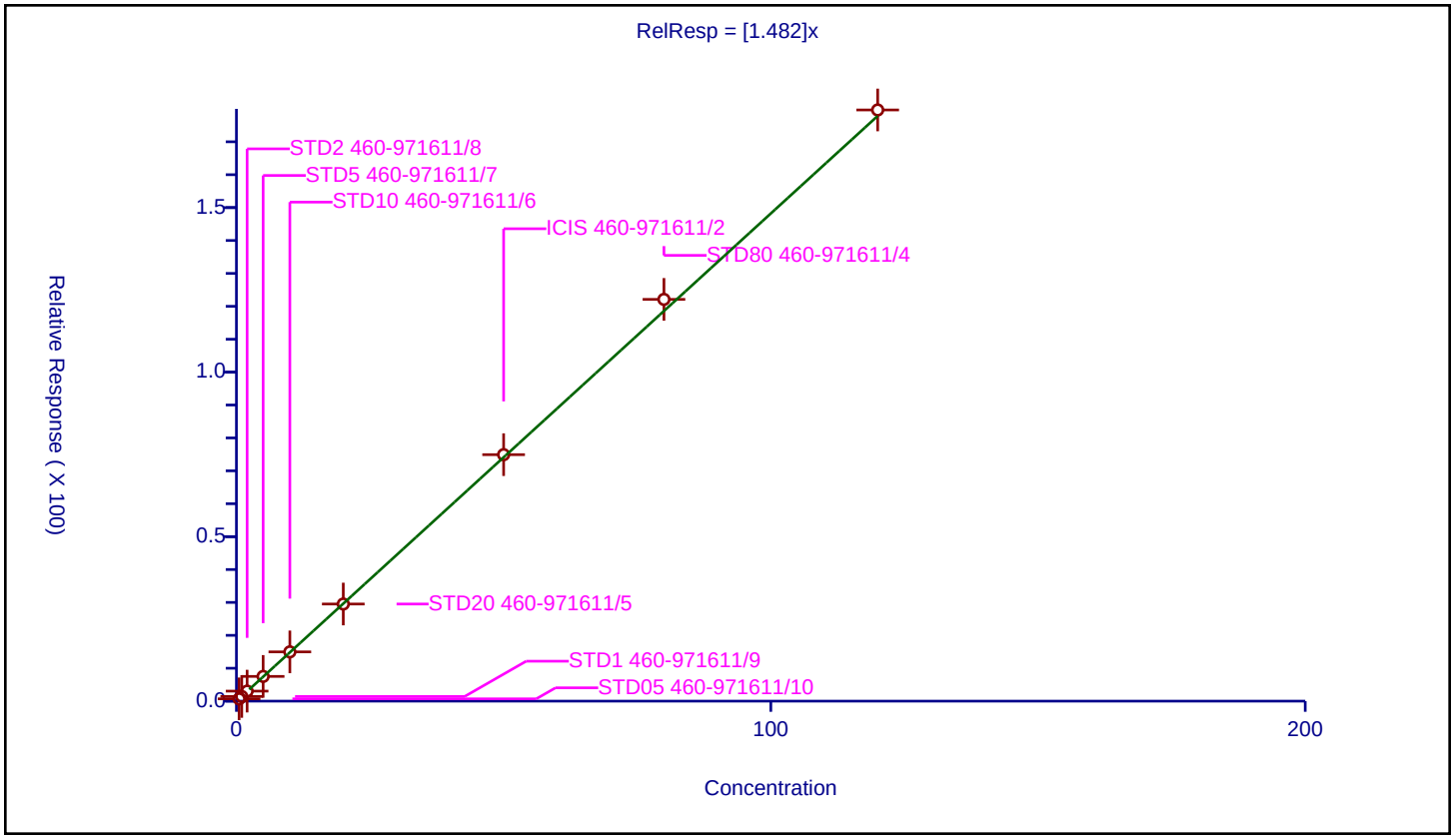
Curve Coefficients

Intercept:	0
Slope:	1.482

Error Coefficients

Relative Standard Deviation:	3.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-971611/10	0.5	0.697146	40.0	509219.0	1.394292	Y
2	STD1 460-971611/9	1.0	1.424024	40.0	524317.0	1.424024	Y
3	STD2 460-971611/8	2.0	3.045941	40.0	523372.0	1.52297	Y
4	STD5 460-971611/7	5.0	7.514319	40.0	553450.0	1.502864	Y
5	STD10 460-971611/6	10.0	14.974468	40.0	571840.0	1.497447	Y
6	STD20 460-971611/5	20.0	29.518079	40.0	553078.0	1.475904	Y
7	ICIS 460-971611/2	50.0	74.912808	40.0	584802.0	1.498256	Y
8	STD80 460-971611/4	80.0	122.102936	40.0	619686.0	1.526287	Y
9	STD120 460-971611/3	120.0	179.672181	40.0	557136.0	1.497268	Y



Calibration / 1,1'-Biphenyl

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

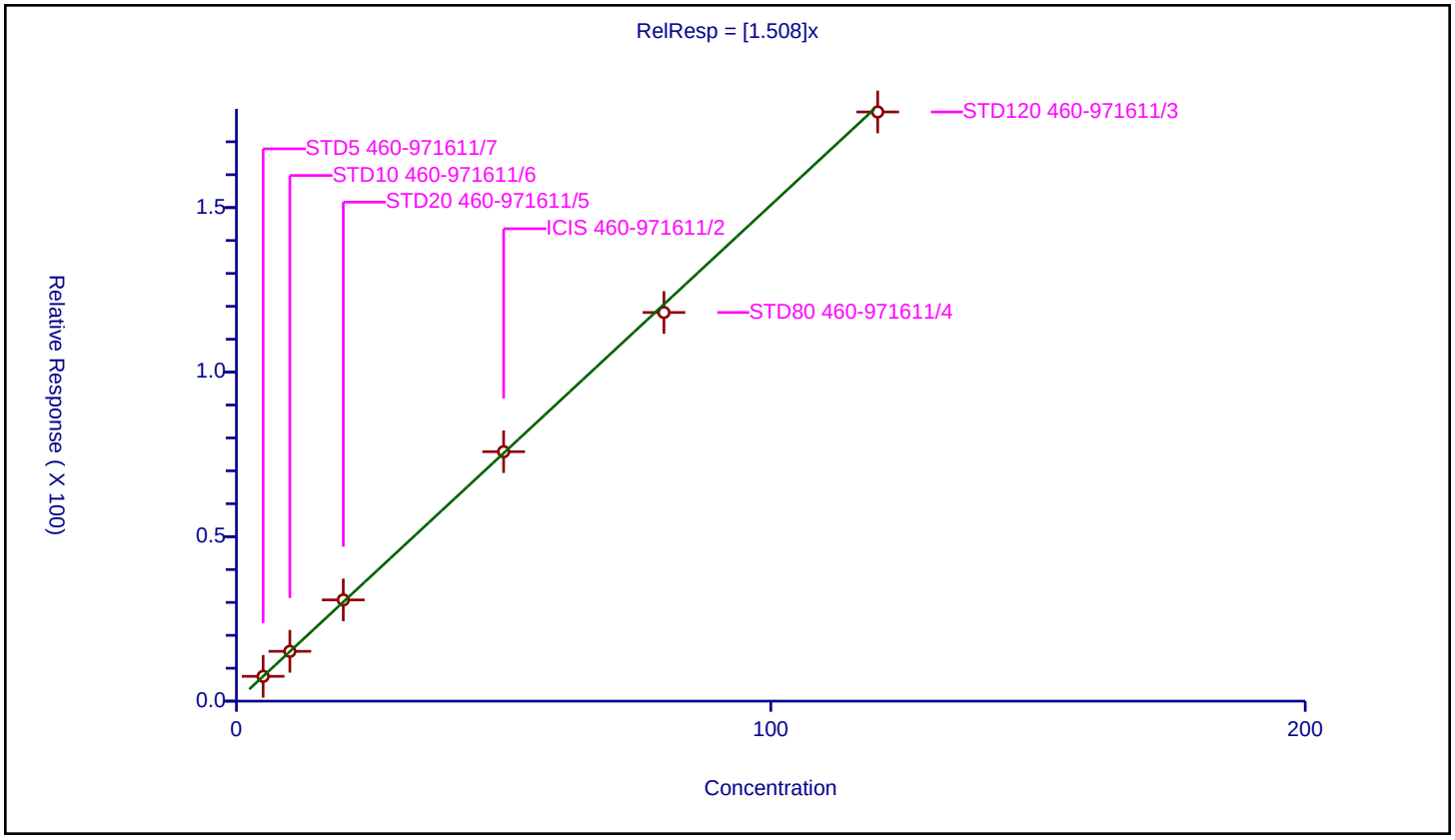
Curve Coefficients

Intercept:	0
Slope:	1.508

Error Coefficients

Relative Standard Deviation:	1.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-971611/7	5.0	7.539398	40.0	553450.0	1.50788	Y
2	STD10 460-971611/6	10.0	15.143327	40.0	571840.0	1.514333	Y
3	STD20 460-971611/5	20.0	30.764847	40.0	553078.0	1.538242	Y
4	ICIS 460-971611/2	50.0	75.821902	40.0	584802.0	1.516438	Y
5	STD80 460-971611/4	80.0	118.121694	40.0	619686.0	1.476521	Y
6	STD120 460-971611/3	120.0	179.072973	40.0	557136.0	1.492275	Y



Calibration / 2-Chloronaphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

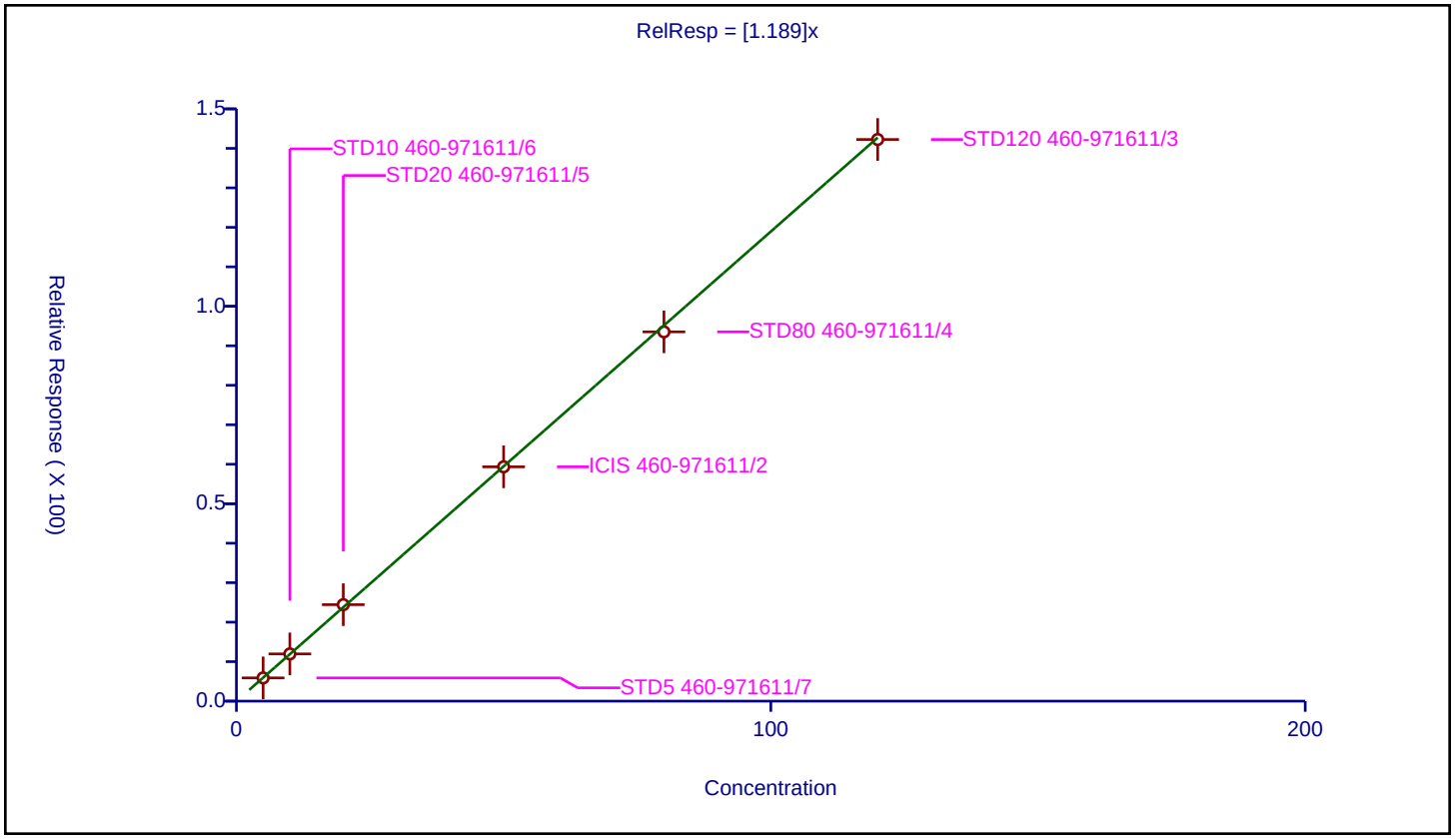
Curve Coefficients

Intercept:	0
Slope:	1.189

Error Coefficients

Relative Standard Deviation:	1.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-971611/7	5.0	5.885337	40.0	553450.0	1.177067	Y
2	STD10 460-971611/6	10.0	11.960059	40.0	571840.0	1.196006	Y
3	STD20 460-971611/5	20.0	24.434456	40.0	553078.0	1.221723	Y
4	ICIS 460-971611/2	50.0	59.347813	40.0	584802.0	1.186956	Y
5	STD80 460-971611/4	80.0	93.529304	40.0	619686.0	1.169116	Y
6	STD120 460-971611/3	120.0	142.251156	40.0	557136.0	1.185426	Y



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Calibration / Phenyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

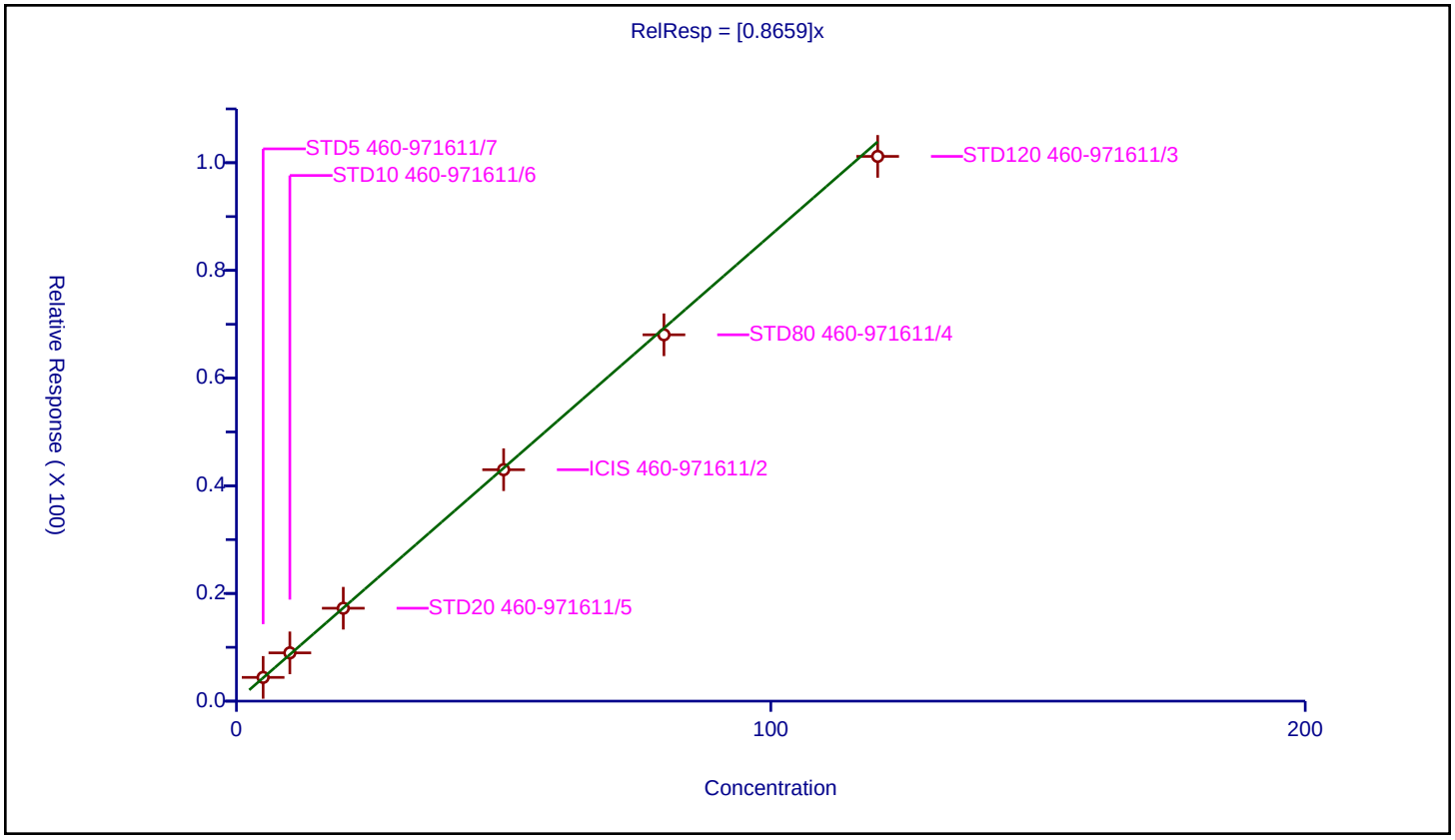
Curve Coefficients

Intercept:	0
Slope:	0.8659

Error Coefficients

Relative Standard Deviation:	2.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-971611/7	5.0	4.411239	40.0	553450.0	0.882248	Y
2	STD10 460-971611/6	10.0	8.966284	40.0	571840.0	0.896628	Y
3	STD20 460-971611/5	20.0	17.256951	40.0	553078.0	0.862848	Y
4	ICIS 460-971611/2	50.0	42.987131	40.0	584802.0	0.859743	Y
5	STD80 460-971611/4	80.0	68.046462	40.0	619686.0	0.850581	Y
6	STD120 460-971611/3	120.0	101.181686	40.0	557136.0	0.843181	Y



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Calibration / 2-Nitroaniline

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

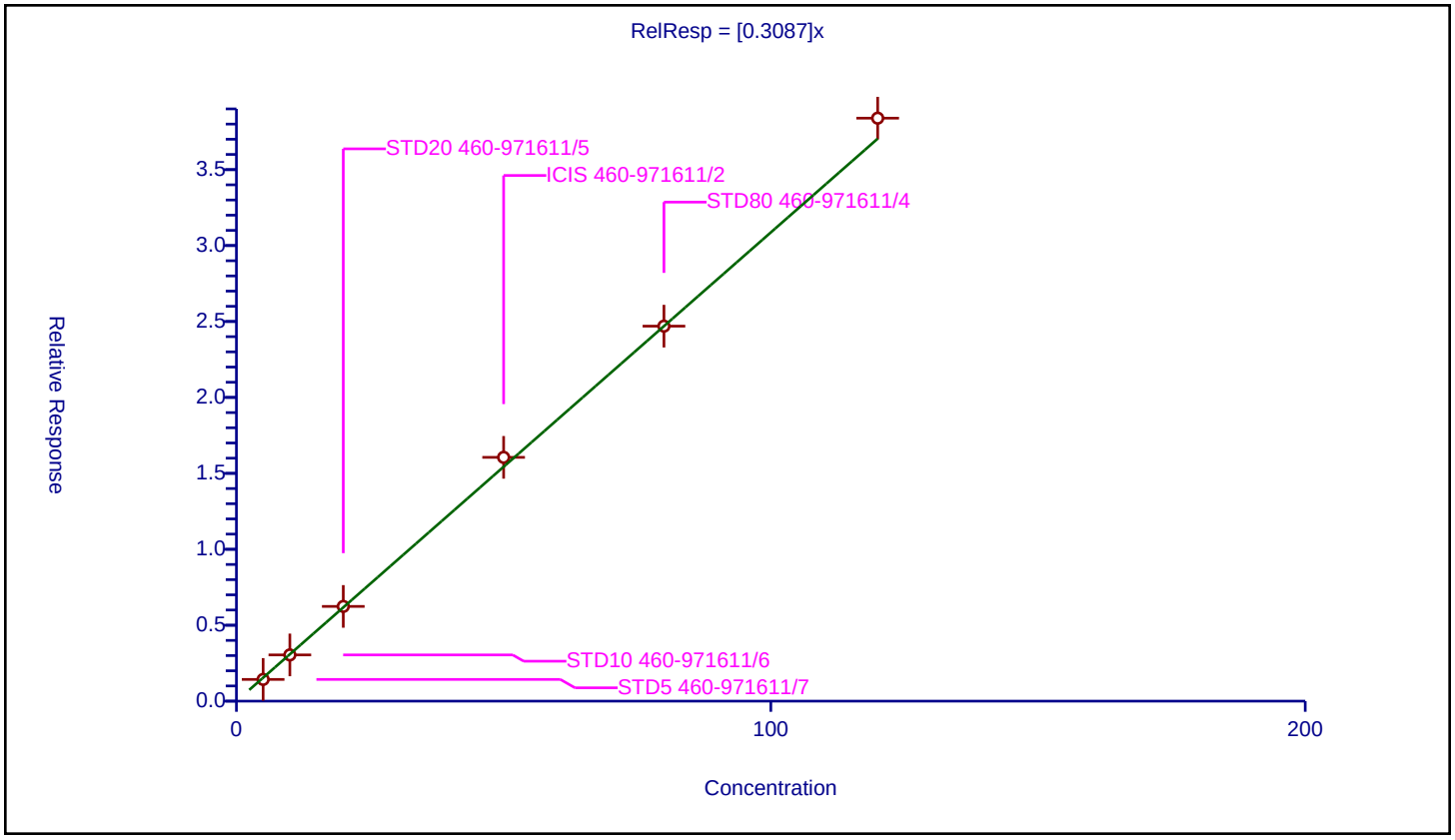
Curve Coefficients

Intercept:	0
Slope:	0.3087

Error Coefficients

Relative Standard Deviation:	4.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-971611/7	5.0	1.430084	40.0	553450.0	0.286017	Y
2	STD10 460-971611/6	10.0	3.043858	40.0	571840.0	0.304386	Y
3	STD20 460-971611/5	20.0	6.23724	40.0	553078.0	0.311862	Y
4	ICIS 460-971611/2	50.0	16.053639	40.0	584802.0	0.321073	Y
5	STD80 460-971611/4	80.0	24.693409	40.0	619686.0	0.308668	Y
6	STD120 460-971611/3	120.0	38.390483	40.0	557136.0	0.319921	Y



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Calibration / 1,3-Dimethylnaphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

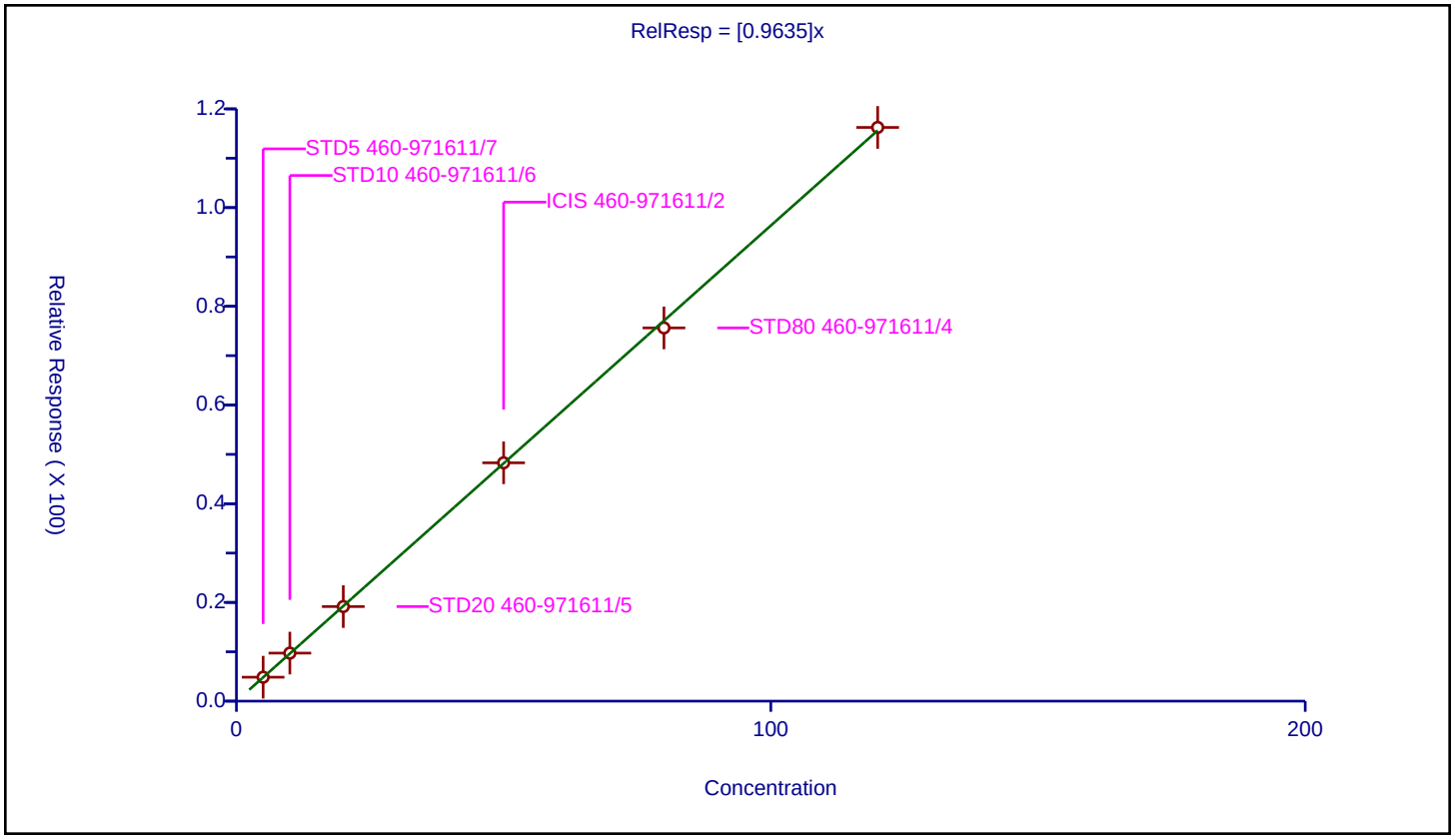
Curve Coefficients

Intercept:	0
Slope:	0.9635

Error Coefficients

Relative Standard Deviation:	1.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-971611/7	5.0	4.85117	40.0	553450.0	0.970234	Y
2	STD10 460-971611/6	10.0	9.731323	40.0	571840.0	0.973132	Y
3	STD20 460-971611/5	20.0	19.162867	40.0	553078.0	0.958143	Y
4	ICIS 460-971611/2	50.0	48.290122	40.0	584802.0	0.965802	Y
5	STD80 460-971611/4	80.0	75.623396	40.0	619686.0	0.945292	Y
6	STD120 460-971611/3	120.0	116.242497	40.0	557136.0	0.968687	Y



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Calibration / Dimethyl phthalate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

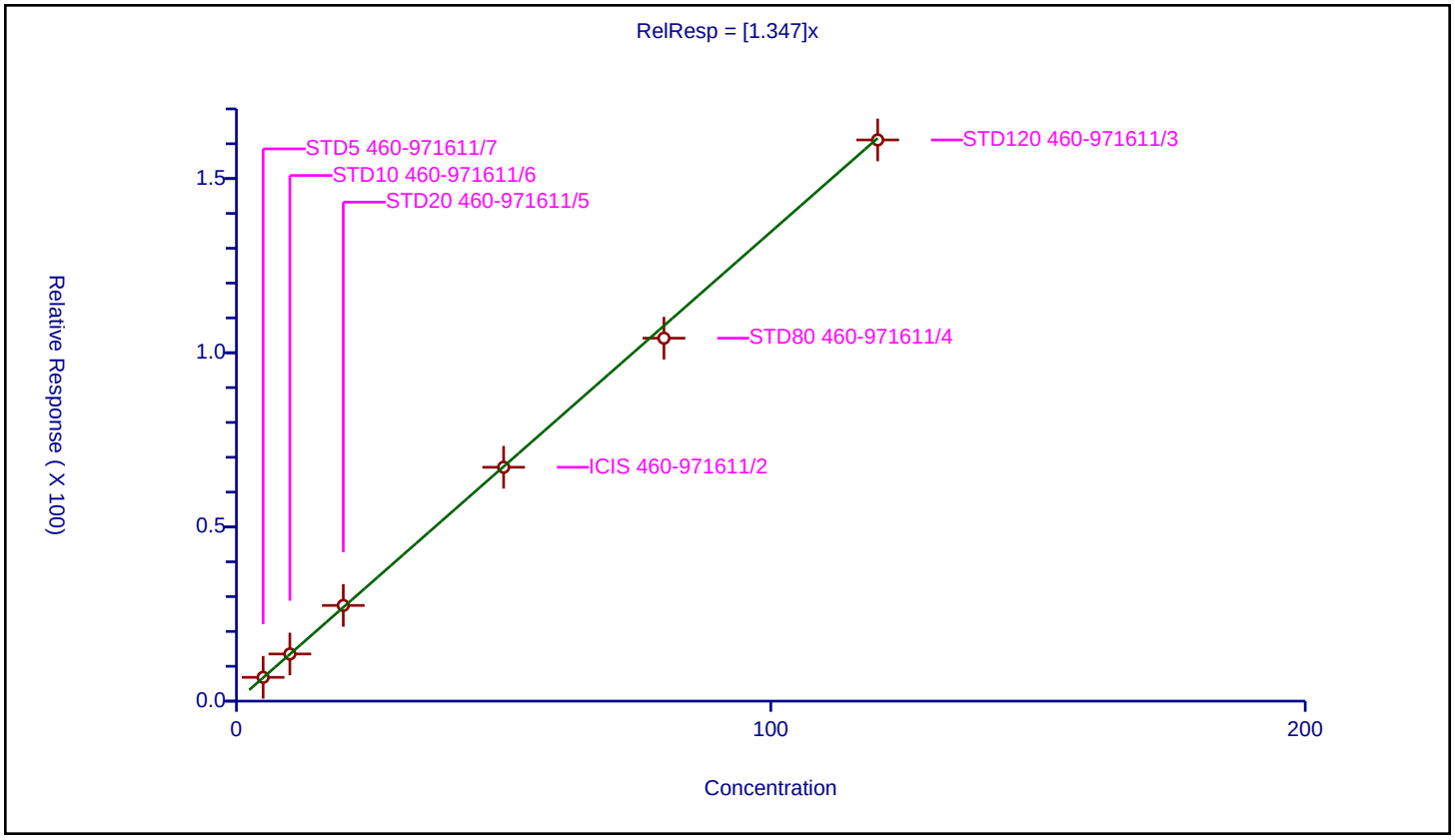
Curve Coefficients

Intercept:	0
Slope:	1.347

Error Coefficients

Relative Standard Deviation:	1.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-971611/7	5.0	6.829018	40.0	553450.0	1.365804	Y
2	STD10 460-971611/6	10.0	13.538472	40.0	571840.0	1.353847	Y
3	STD20 460-971611/5	20.0	27.470266	40.0	553078.0	1.373513	Y
4	ICIS 460-971611/2	50.0	67.138621	40.0	584802.0	1.342772	Y
5	STD80 460-971611/4	80.0	104.1847	40.0	619686.0	1.302309	Y
6	STD120 460-971611/3	120.0	161.091224	40.0	557136.0	1.342427	Y



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Calibration / Coumarin

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

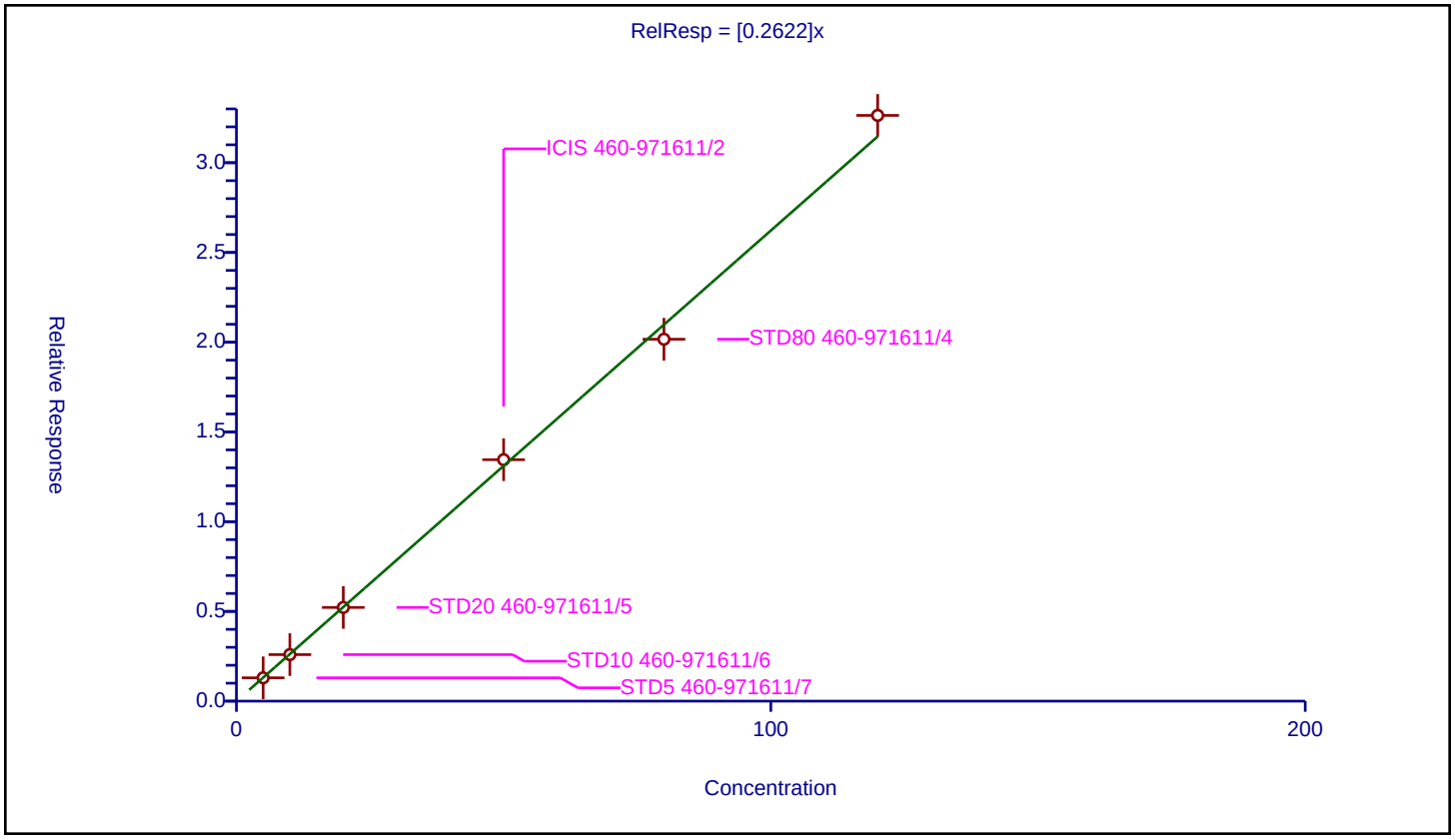
Curve Coefficients

Intercept:	0
Slope:	0.2622

Error Coefficients

Relative Standard Deviation:	2.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-971611/7	5.0	1.299493	40.0	980167.0	0.259899	Y
2	STD10 460-971611/6	10.0	2.592118	40.0	1028271.0	0.259212	Y
3	STD20 460-971611/5	20.0	5.219533	40.0	1009485.0	0.260977	Y
4	ICIS 460-971611/2	50.0	13.454255	40.0	1043206.0	0.269085	Y
5	STD80 460-971611/4	80.0	20.166263	40.0	1134951.0	0.252078	Y
6	STD120 460-971611/3	120.0	32.637641	40.0	1006134.0	0.27198	Y



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Calibration / 2,6-Dinitrotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

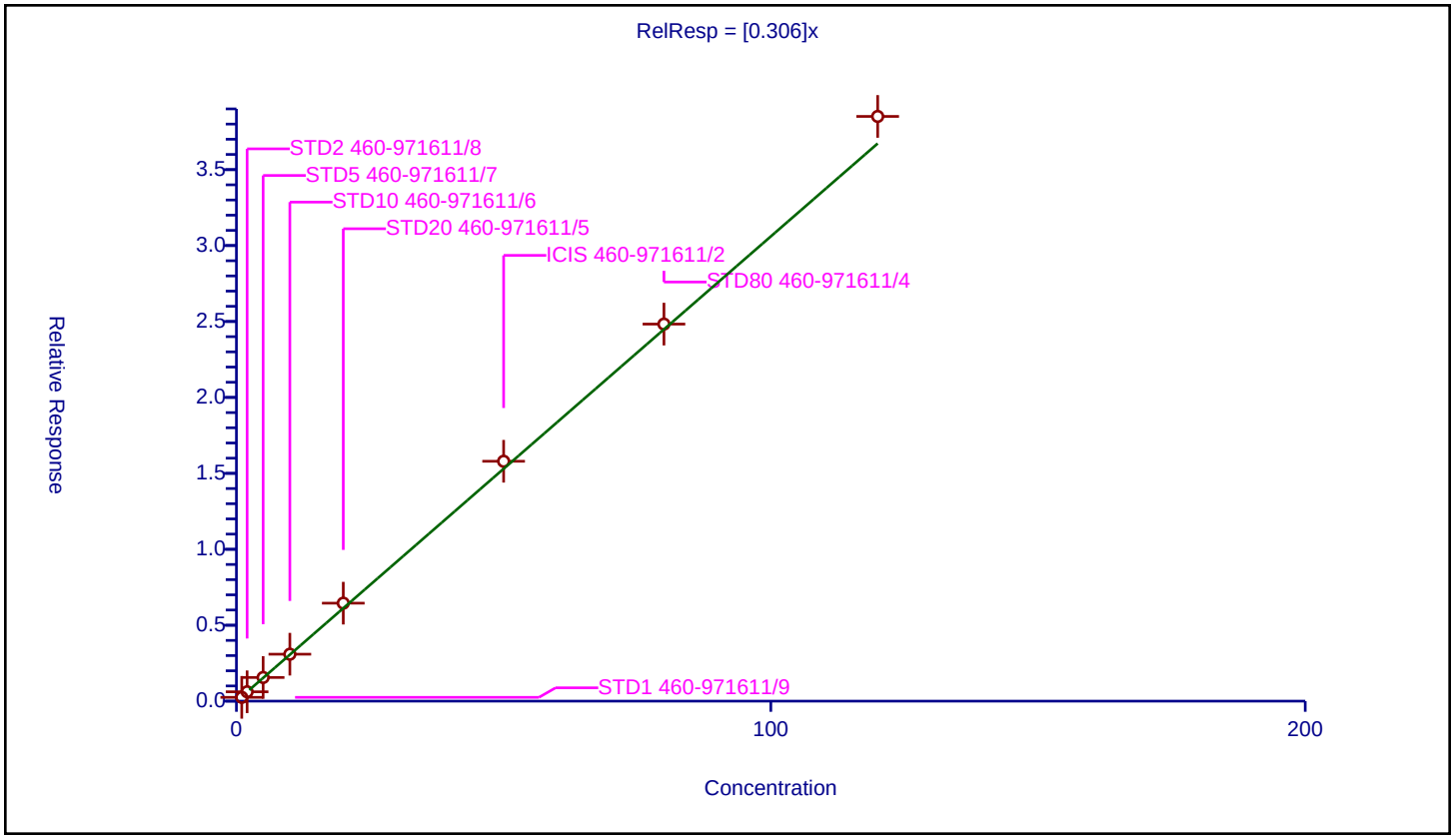
Curve Coefficients

Intercept:	0
Slope:	0.306

Error Coefficients

Relative Standard Deviation:	7.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-971611/9	1.0	0.249925	40.0	524317.0	0.249925	Y
2	STD2 460-971611/8	2.0	0.615623	40.0	523372.0	0.307812	Y
3	STD5 460-971611/7	5.0	1.558009	40.0	553450.0	0.311602	Y
4	STD10 460-971611/6	10.0	3.090795	40.0	571840.0	0.309079	Y
5	STD20 460-971611/5	20.0	6.450808	40.0	553078.0	0.32254	Y
6	ICIS 460-971611/2	50.0	15.7955	40.0	584802.0	0.31591	Y
7	STD80 460-971611/4	80.0	24.828897	40.0	619686.0	0.310361	Y
8	STD120 460-971611/3	120.0	38.503489	40.0	557136.0	0.320862	Y



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Calibration / Acenaphthylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

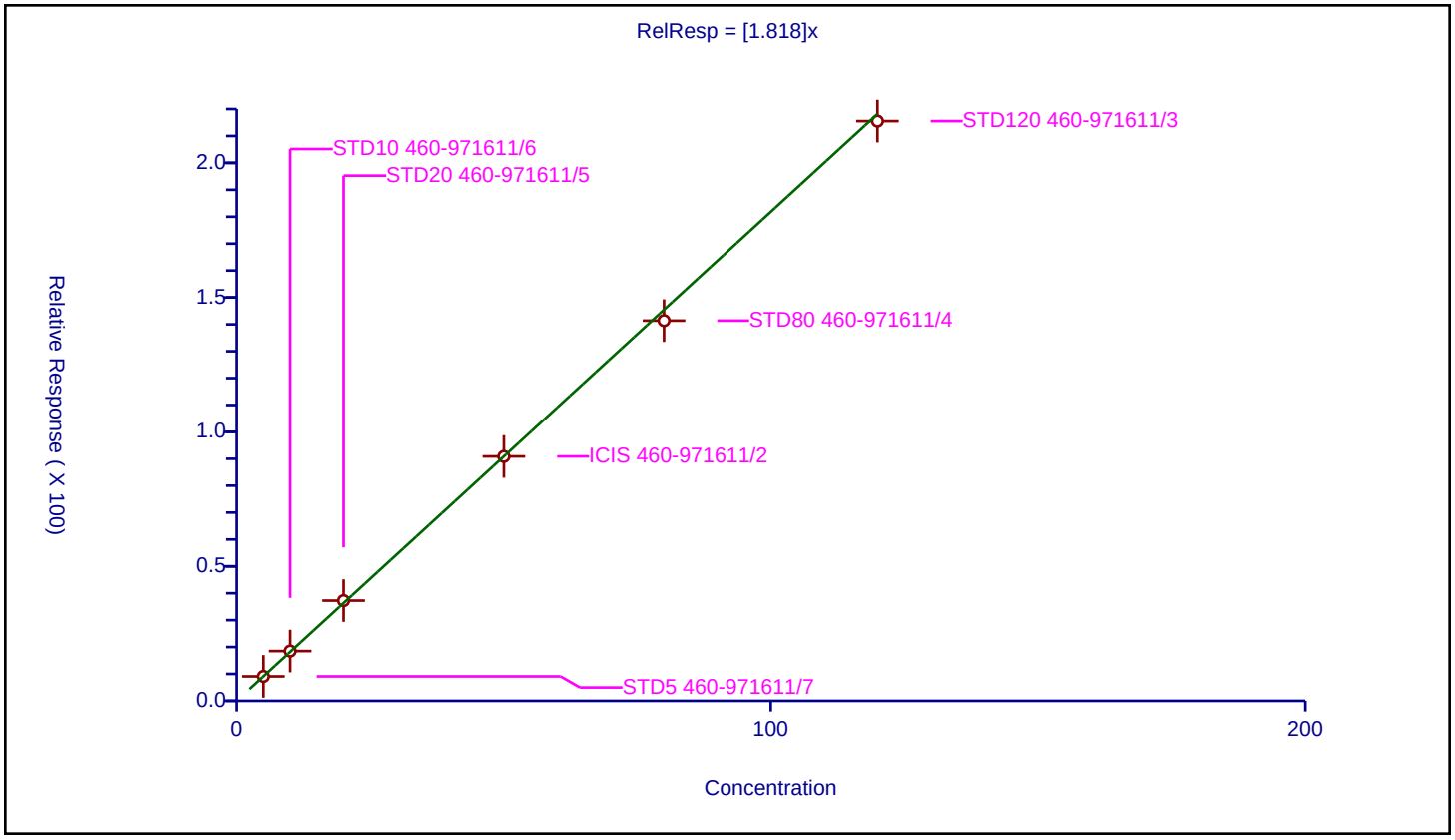
Curve Coefficients

Intercept:	0
Slope:	1.818

Error Coefficients

Relative Standard Deviation:	1.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-971611/7	5.0	9.072979	40.0	553450.0	1.814596	Y
2	STD10 460-971611/6	10.0	18.497482	40.0	571840.0	1.849748	Y
3	STD20 460-971611/5	20.0	37.271126	40.0	553078.0	1.863556	Y
4	ICIS 460-971611/2	50.0	90.874587	40.0	584802.0	1.817492	Y
5	STD80 460-971611/4	80.0	141.38993	40.0	619686.0	1.767374	Y
6	STD120 460-971611/3	120.0	215.518222	40.0	557136.0	1.795985	Y



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Calibration / 3-Nitroaniline

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

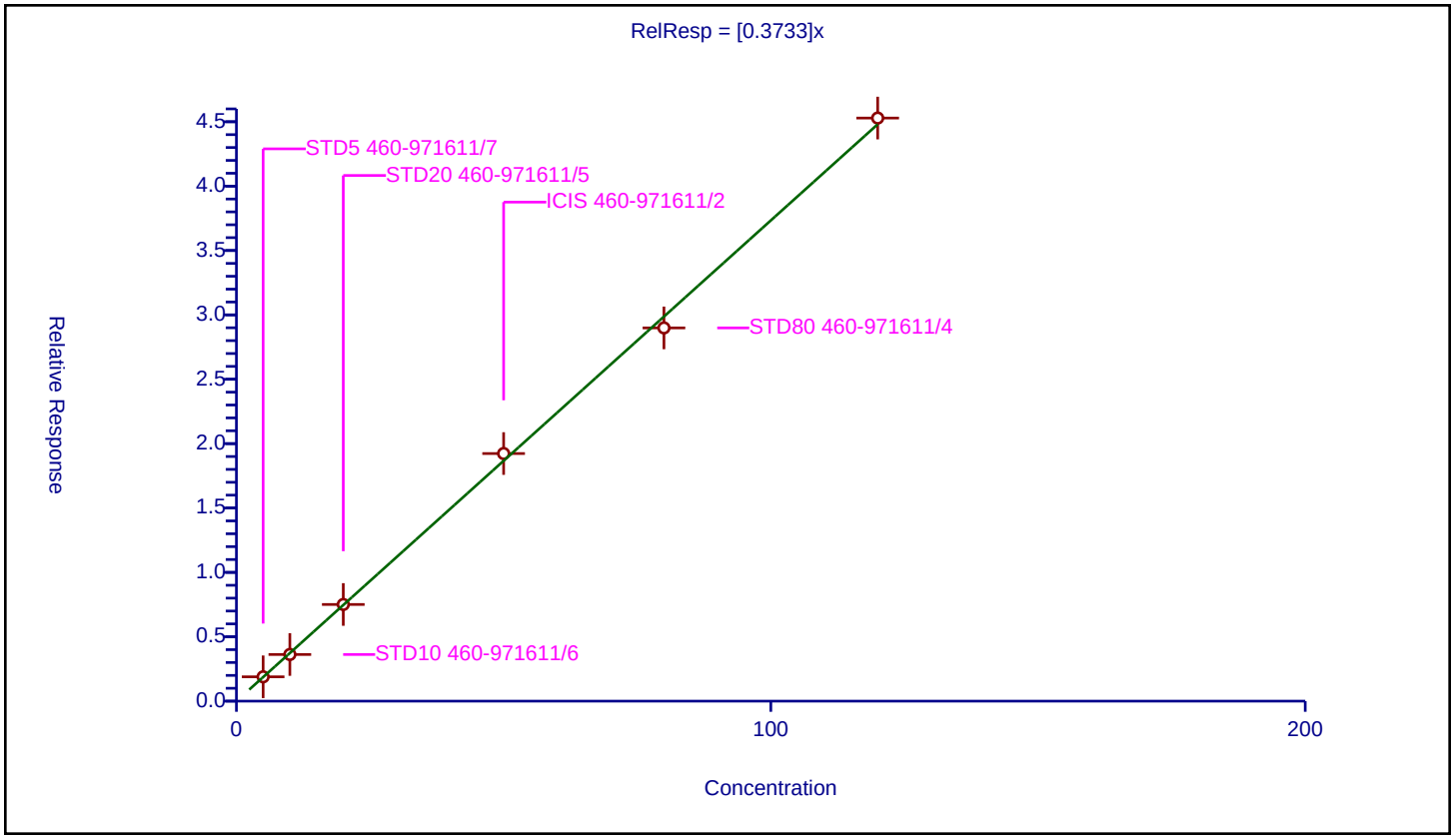
Curve Coefficients

Intercept:	0
Slope:	0.3733

Error Coefficients

Relative Standard Deviation:	2.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-971611/7	5.0	1.889818	40.0	553450.0	0.377964	Y
2	STD10 460-971611/6	10.0	3.623391	40.0	571840.0	0.362339	Y
3	STD20 460-971611/5	20.0	7.508091	40.0	553078.0	0.375405	Y
4	ICIS 460-971611/2	50.0	19.230919	40.0	584802.0	0.384618	Y
5	STD80 460-971611/4	80.0	28.989391	40.0	619686.0	0.362367	Y
6	STD120 460-971611/3	120.0	45.288332	40.0	557136.0	0.377403	Y



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Calibration / 3,5-di-tert-butyl-4-hydroxytol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

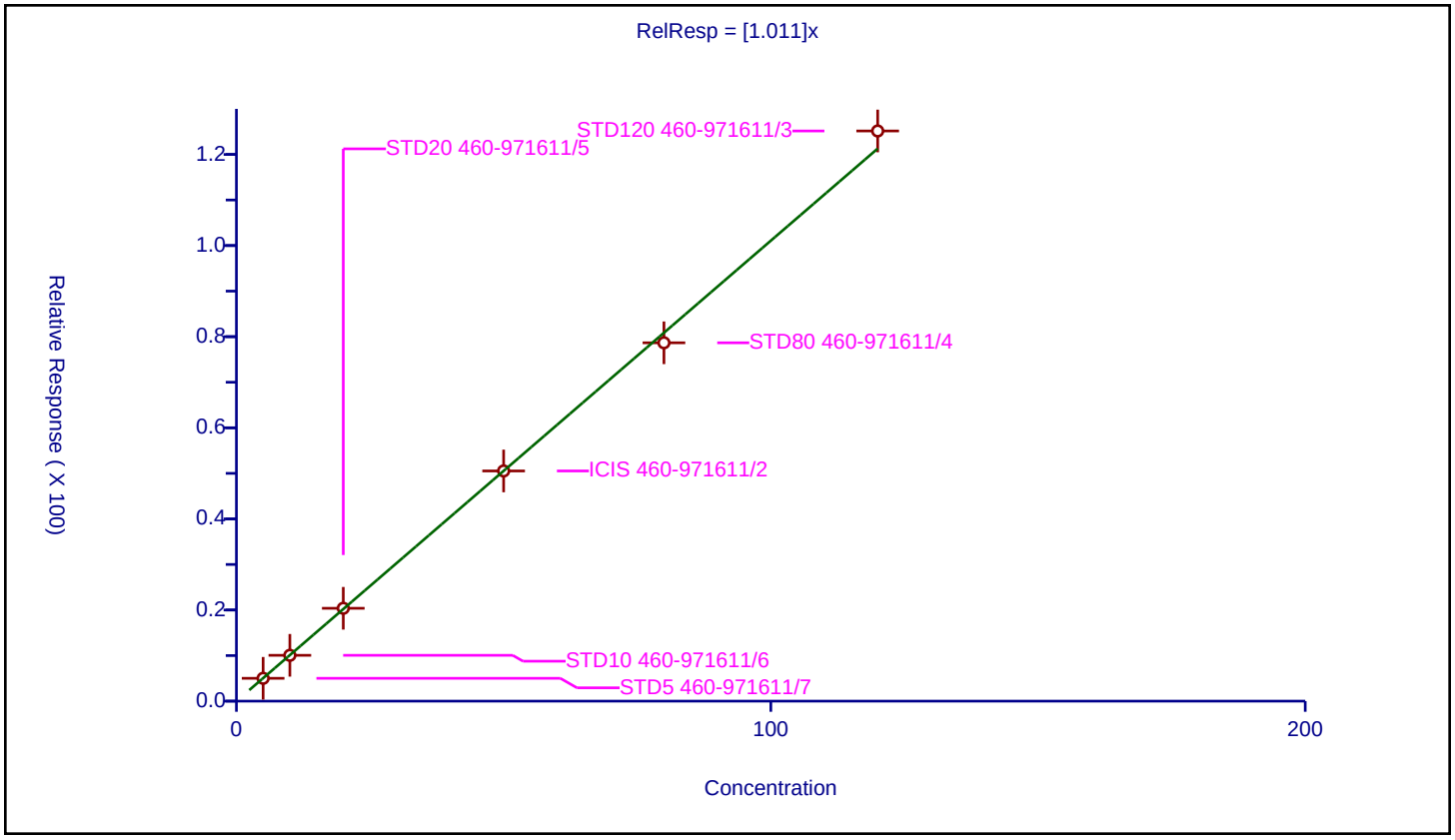
Curve Coefficients

Intercept:	0
Slope:	1.011

Error Coefficients

Relative Standard Deviation:	2.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-971611/7	5.0	5.012919	40.0	553450.0	1.002584	Y
2	STD10 460-971611/6	10.0	10.056449	40.0	571840.0	1.005645	Y
3	STD20 460-971611/5	20.0	20.383454	40.0	553078.0	1.019173	Y
4	ICIS 460-971611/2	50.0	50.527324	40.0	584802.0	1.010546	Y
5	STD80 460-971611/4	80.0	78.657514	40.0	619686.0	0.983219	Y
6	STD120 460-971611/3	120.0	125.152135	40.0	557136.0	1.042934	Y



Calibration / Acenaphthene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

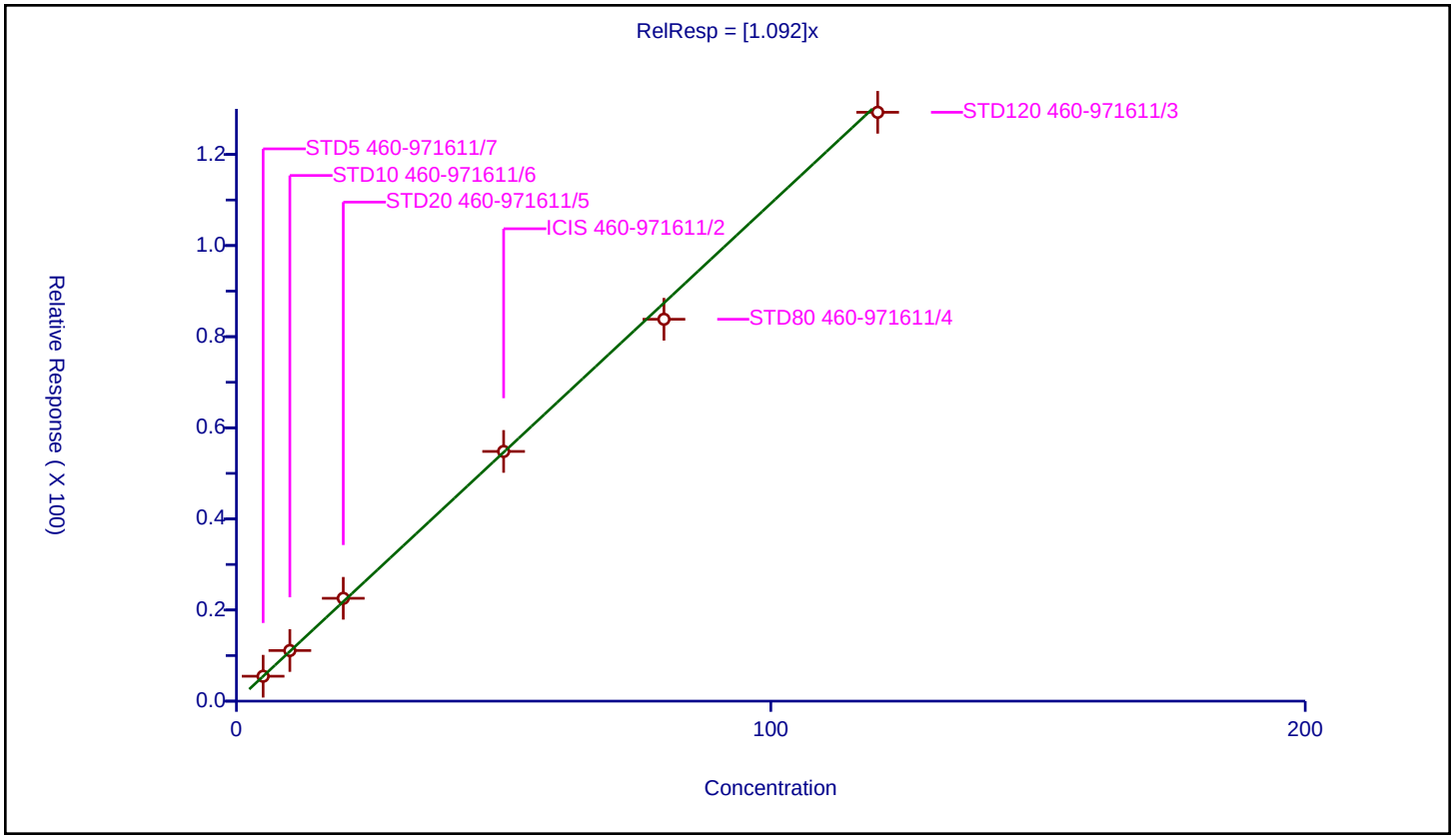
Curve Coefficients

Intercept:	0
Slope:	1.092

Error Coefficients

Relative Standard Deviation:	2.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-971611/7	5.0	5.467739	40.0	553450.0	1.093548	Y
2	STD10 460-971611/6	10.0	11.108772	40.0	571840.0	1.110877	Y
3	STD20 460-971611/5	20.0	22.576345	40.0	553078.0	1.128817	Y
4	ICIS 460-971611/2	50.0	54.814176	40.0	584802.0	1.096284	Y
5	STD80 460-971611/4	80.0	83.82413	40.0	619686.0	1.047802	Y
6	STD120 460-971611/3	120.0	129.250524	40.0	557136.0	1.077088	Y



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Calibration / 2,4-Dinitrophenol

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

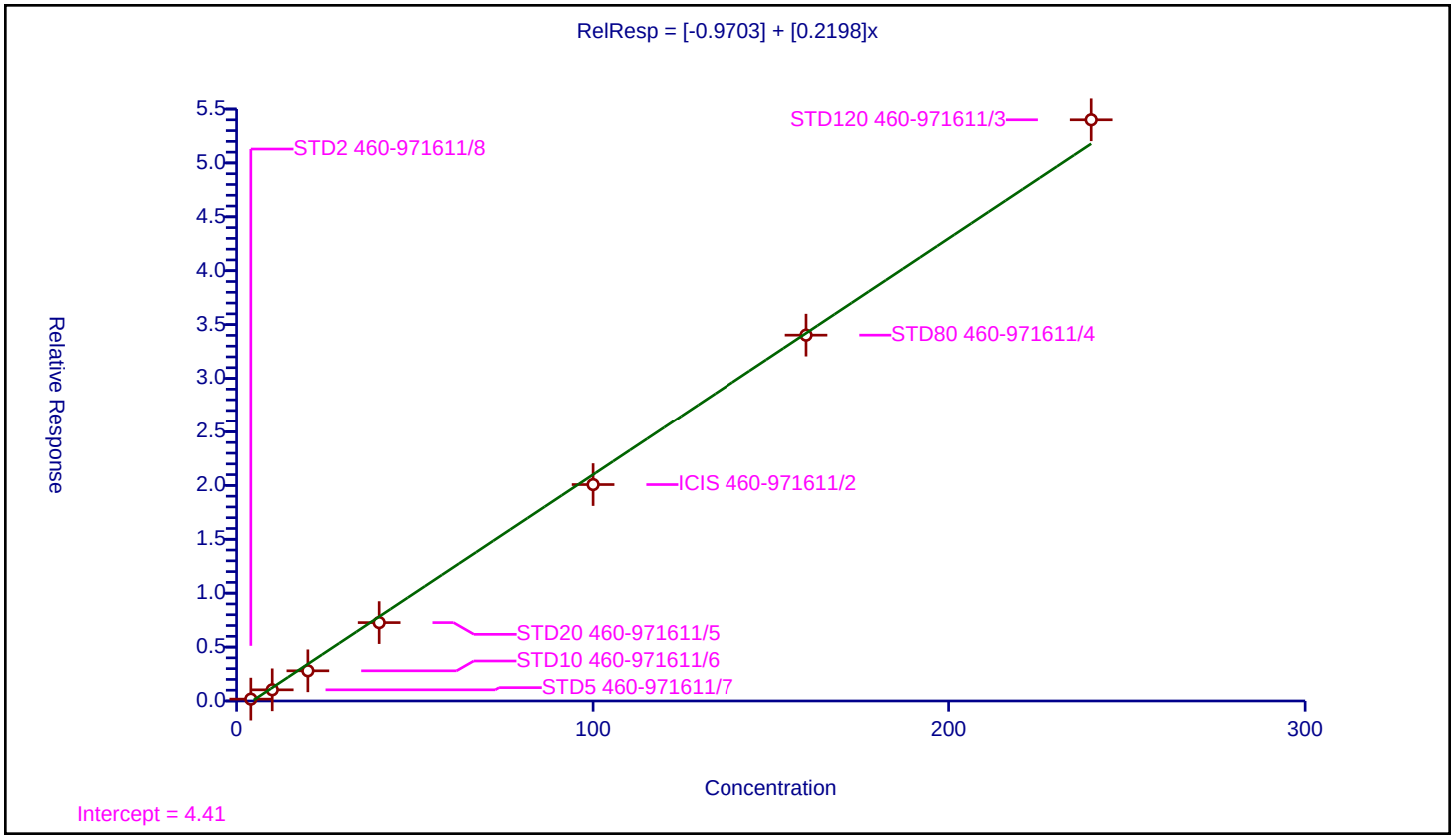
Curve Coefficients

Intercept:	-0.9703
Slope:	0.2198

Error Coefficients

Relative Standard Deviation:	15.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD2 460-971611/8	4.0	0.171427	40.0	523372.0	0.042857	Y
2	STD5 460-971611/7	10.0	1.035252	40.0	553450.0	0.103525	Y
3	STD10 460-971611/6	20.0	2.798335	40.0	571840.0	0.139917	Y
4	STD20 460-971611/5	40.0	7.271379	40.0	553078.0	0.181784	Y
5	ICIS 460-971611/2	100.0	20.078933	40.0	584802.0	0.200789	Y
6	STD80 460-971611/4	160.0	34.022779	40.0	619686.0	0.212642	Y
7	STD120 460-971611/3	240.0	54.004265	40.0	557136.0	0.225018	Y



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Calibration / 4-Nitrophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

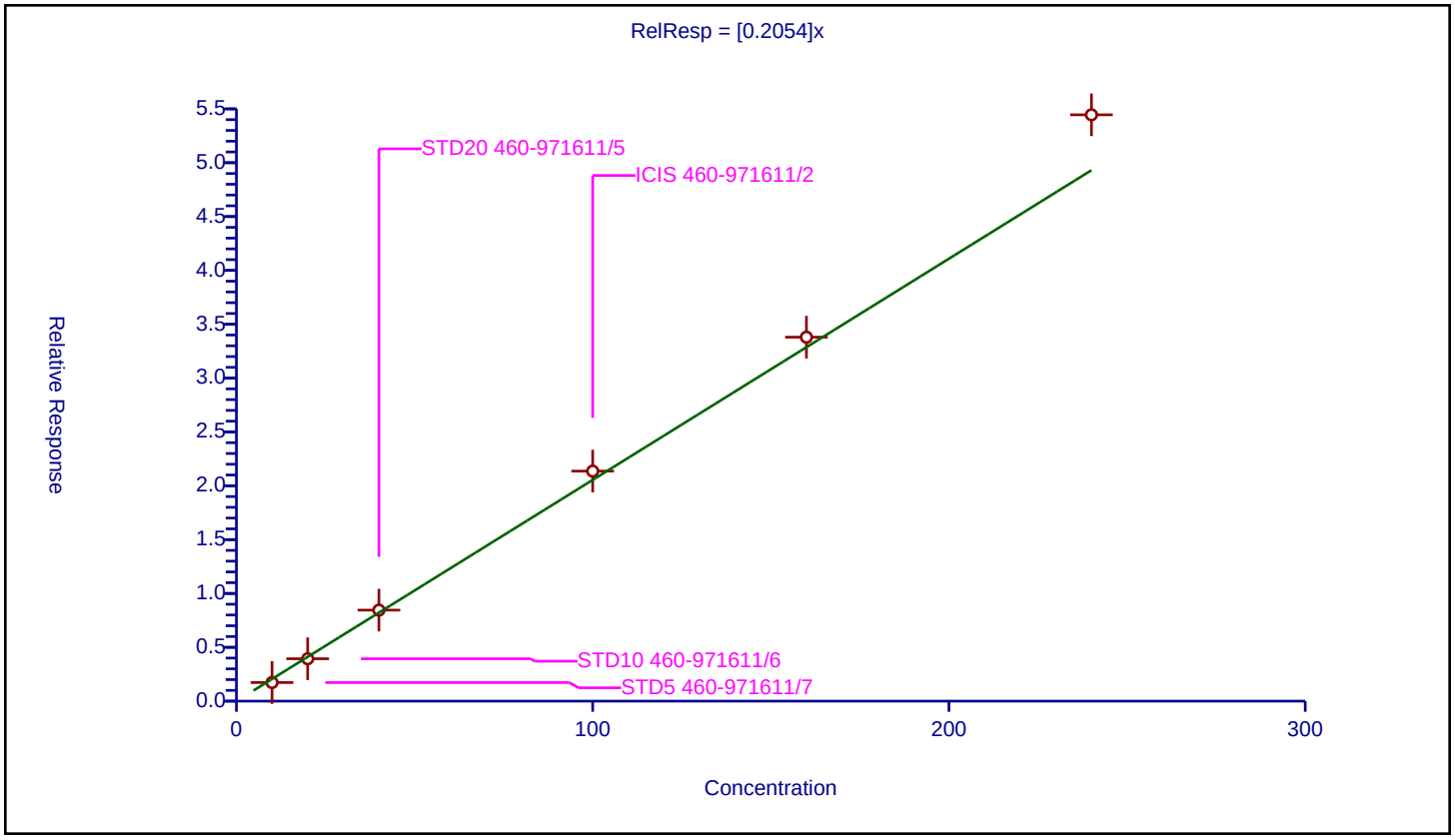
Curve Coefficients

Intercept:	0
Slope:	0.2054

Error Coefficients

Relative Standard Deviation:	9.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-971611/7	10.0	1.728069	40.0	553450.0	0.172807	Y
2	STD10 460-971611/6	20.0	3.935227	40.0	571840.0	0.196761	Y
3	STD20 460-971611/5	40.0	8.451828	40.0	553078.0	0.211296	Y
4	ICIS 460-971611/2	100.0	21.360871	40.0	584802.0	0.213609	Y
5	STD80 460-971611/4	160.0	33.79944	40.0	619686.0	0.211247	Y
6	STD120 460-971611/3	240.0	54.450188	40.0	557136.0	0.226876	Y



Calibration / Dibenzofuran

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

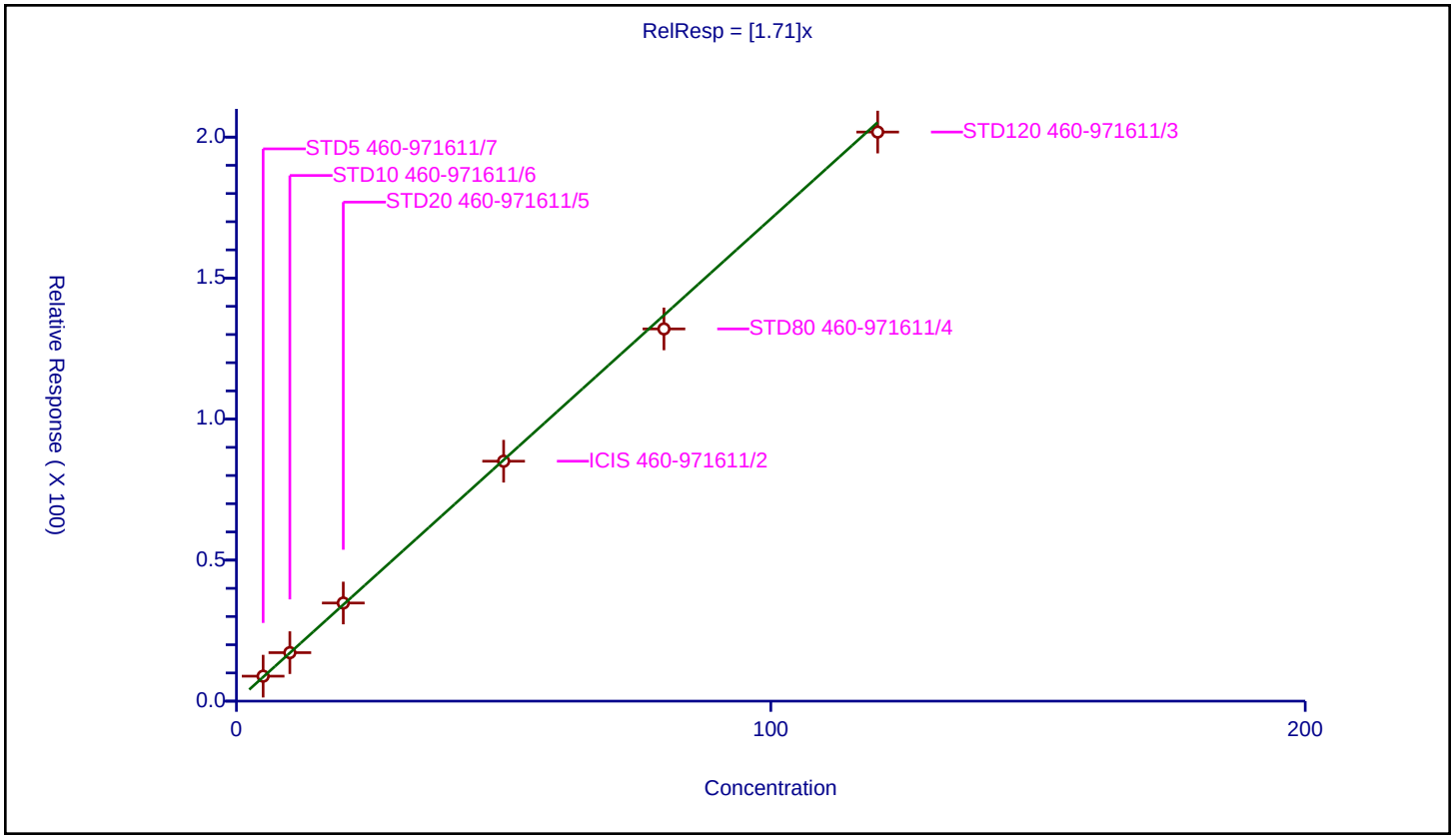
Curve Coefficients

Intercept:	0
Slope:	1.71

Error Coefficients

Relative Standard Deviation:	2.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-971611/7	5.0	8.850953	40.0	553450.0	1.770191	Y
2	STD10 460-971611/6	10.0	17.189144	40.0	571840.0	1.718914	Y
3	STD20 460-971611/5	20.0	34.796177	40.0	553078.0	1.739809	Y
4	ICIS 460-971611/2	50.0	85.075085	40.0	584802.0	1.701502	Y
5	STD80 460-971611/4	80.0	131.983618	40.0	619686.0	1.649795	Y
6	STD120 460-971611/3	120.0	201.792812	40.0	557136.0	1.681607	Y



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Calibration / 2,4-Dinitrotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

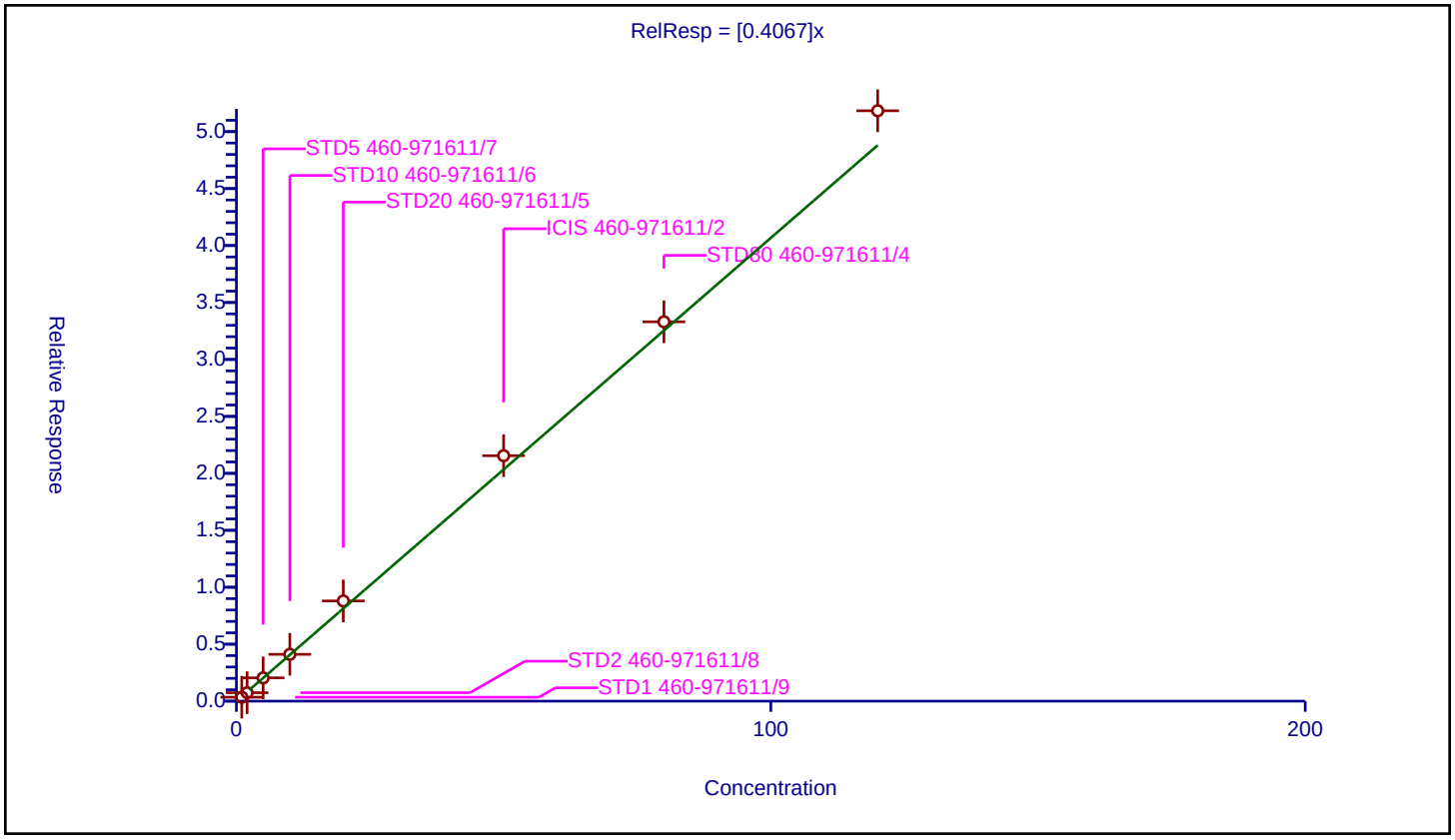
Curve Coefficients

Intercept:	0
Slope:	0.4067

Error Coefficients

Relative Standard Deviation:	8.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-971611/9	1.0	0.344753	40.0	524317.0	0.344753	Y
2	STD2 460-971611/8	2.0	0.740582	40.0	523372.0	0.370291	Y
3	STD5 460-971611/7	5.0	2.043545	40.0	553450.0	0.408709	Y
4	STD10 460-971611/6	10.0	4.110381	40.0	571840.0	0.411038	Y
5	STD20 460-971611/5	20.0	8.796589	40.0	553078.0	0.439829	Y
6	ICIS 460-971611/2	50.0	21.55061	40.0	584802.0	0.431012	Y
7	STD80 460-971611/4	80.0	33.306287	40.0	619686.0	0.416329	Y
8	STD120 460-971611/3	120.0	51.833807	40.0	557136.0	0.431948	Y



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Calibration / 2,3,4,6-Tetrachlorophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

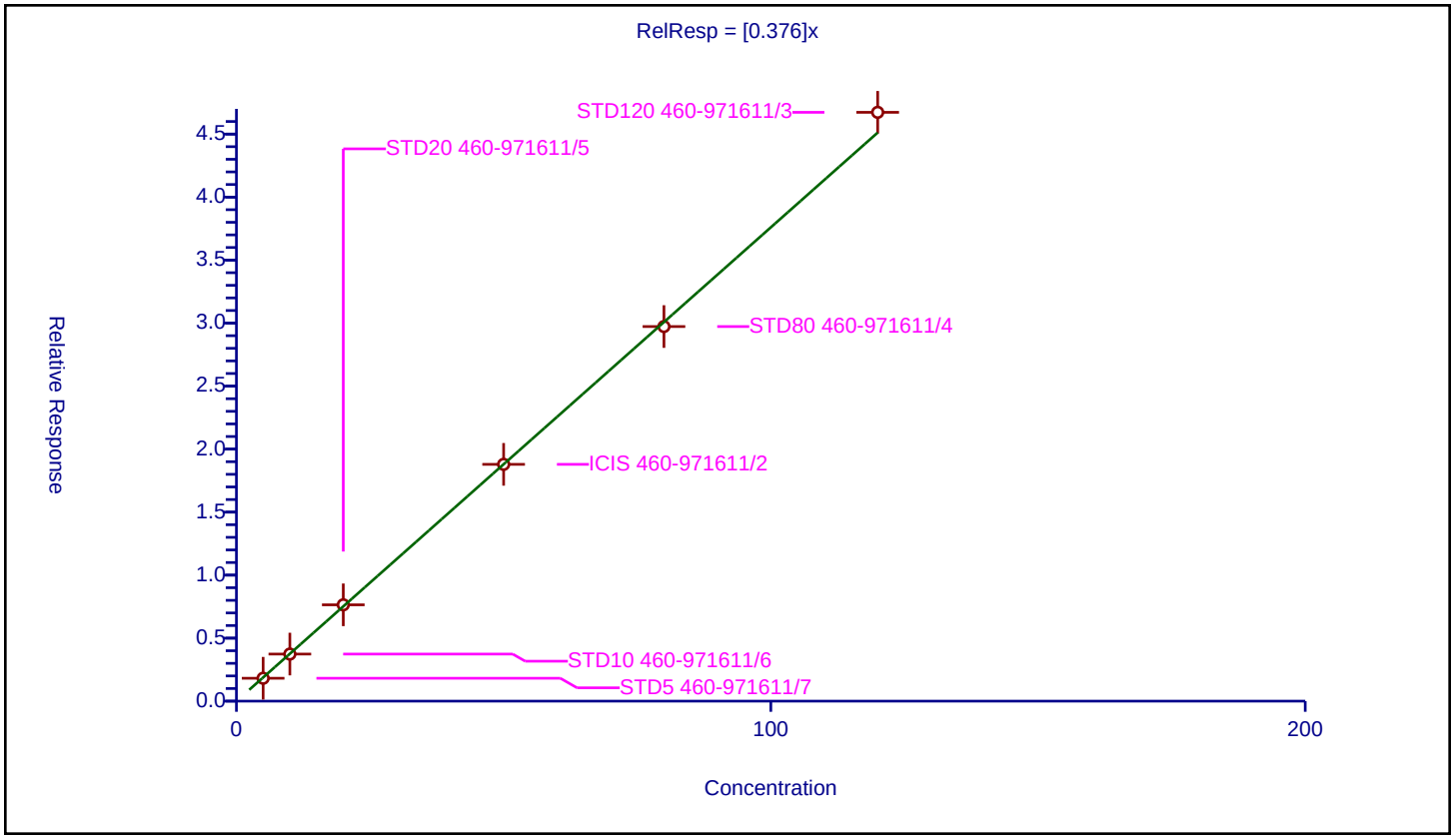
Curve Coefficients

Intercept:	0
Slope:	0.376

Error Coefficients

Relative Standard Deviation:	2.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-971611/7	5.0	1.816316	40.0	553450.0	0.363263	Y
2	STD10 460-971611/6	10.0	3.73678	40.0	571840.0	0.373678	Y
3	STD20 460-971611/5	20.0	7.643045	40.0	553078.0	0.382152	Y
4	ICIS 460-971611/2	50.0	18.790291	40.0	584802.0	0.375806	Y
5	STD80 460-971611/4	80.0	29.727314	40.0	619686.0	0.371591	Y
6	STD120 460-971611/3	120.0	46.727047	40.0	557136.0	0.389392	Y



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Calibration / Diethyl phthalate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

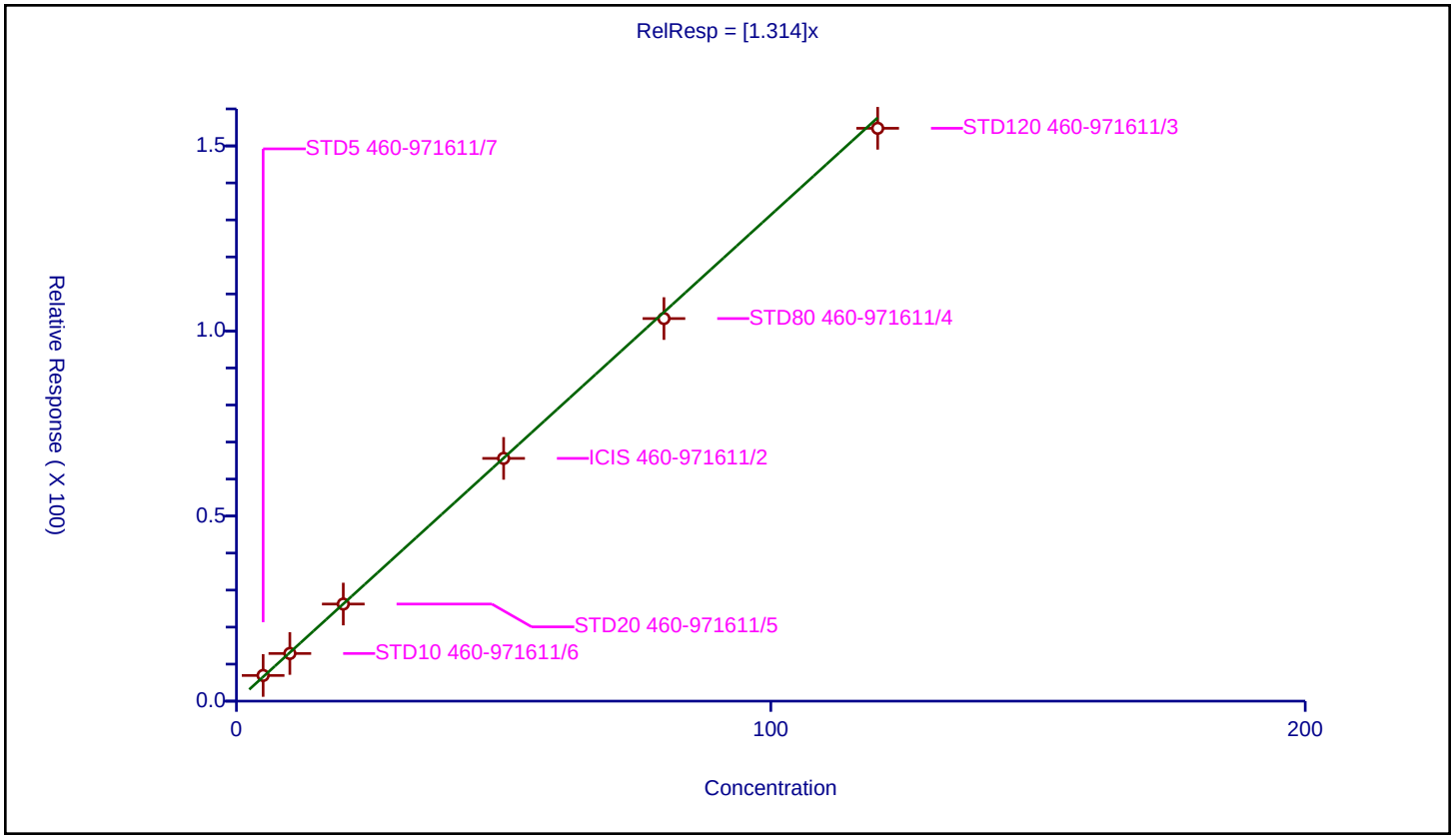
Curve Coefficients

Intercept:	0
Slope:	1.314

Error Coefficients

Relative Standard Deviation:	2.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-971611/7	5.0	6.942777	40.0	553450.0	1.388555	Y
2	STD10 460-971611/6	10.0	12.878637	40.0	571840.0	1.287864	Y
3	STD20 460-971611/5	20.0	26.23008	40.0	553078.0	1.311504	Y
4	ICIS 460-971611/2	50.0	65.58377	40.0	584802.0	1.311675	Y
5	STD80 460-971611/4	80.0	103.355506	40.0	619686.0	1.291944	Y
6	STD120 460-971611/3	120.0	154.760633	40.0	557136.0	1.289672	Y



Calibration / Fluorene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

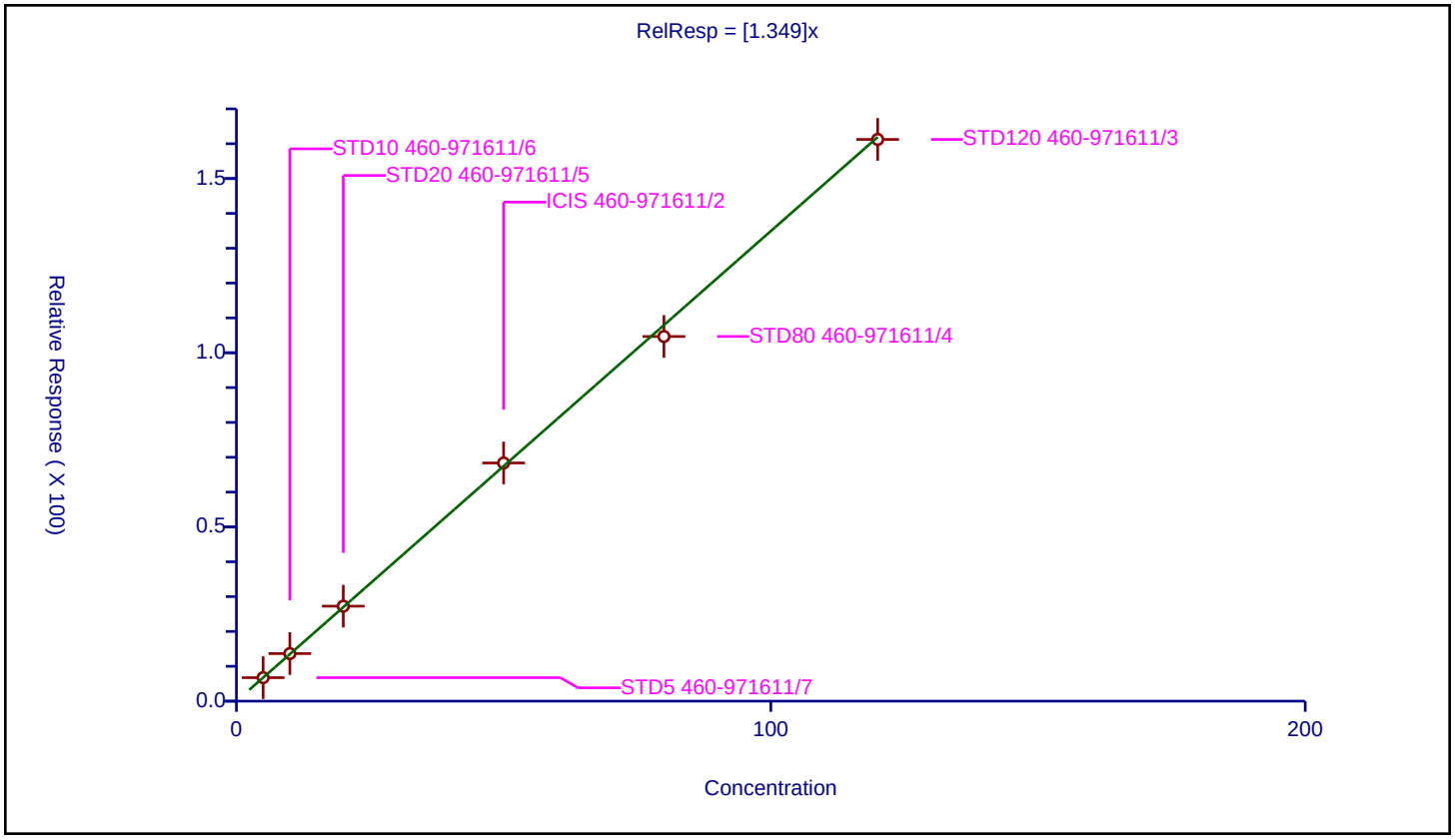
Curve Coefficients

Intercept:	0
Slope:	1.349

Error Coefficients

Relative Standard Deviation:	1.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-971611/7	5.0	6.740916	40.0	553450.0	1.348183	Y
2	STD10 460-971611/6	10.0	13.648223	40.0	571840.0	1.364822	Y
3	STD20 460-971611/5	20.0	27.261037	40.0	553078.0	1.363052	Y
4	ICIS 460-971611/2	50.0	68.36967	40.0	584802.0	1.367393	Y
5	STD80 460-971611/4	80.0	104.671269	40.0	619686.0	1.308391	Y
6	STD120 460-971611/3	120.0	161.229933	40.0	557136.0	1.343583	Y



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Calibration / 4-Chlorophenyl phenyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

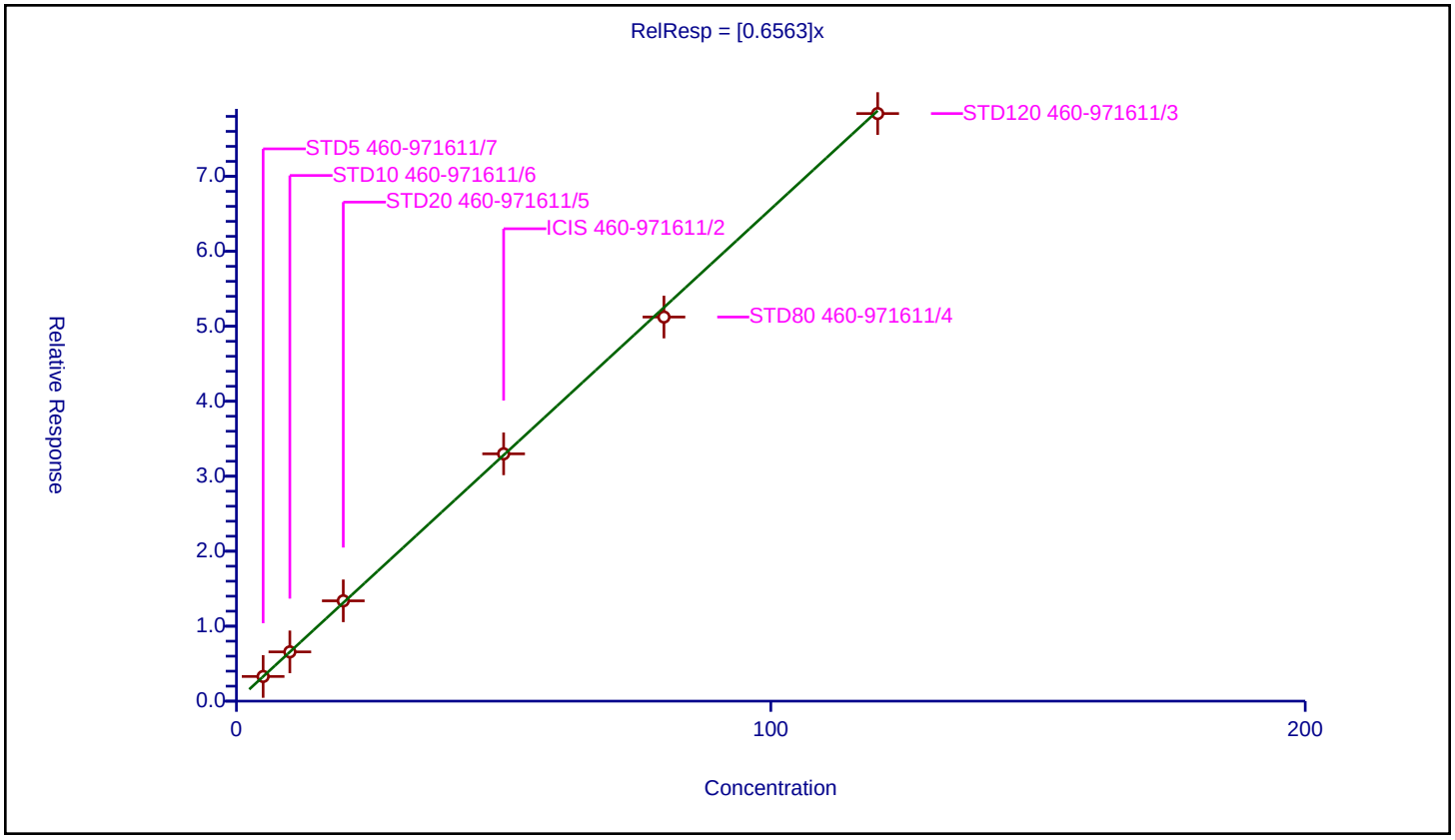
Curve Coefficients

Intercept:	0
Slope:	0.6563

Error Coefficients

Relative Standard Deviation:	1.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-971611/7	5.0	3.291932	40.0	553450.0	0.658386	Y
2	STD10 460-971611/6	10.0	6.572188	40.0	571840.0	0.657219	Y
3	STD20 460-971611/5	20.0	13.380536	40.0	553078.0	0.669027	Y
4	ICIS 460-971611/2	50.0	32.989285	40.0	584802.0	0.659786	Y
5	STD80 460-971611/4	80.0	51.236207	40.0	619686.0	0.640453	Y
6	STD120 460-971611/3	120.0	78.379283	40.0	557136.0	0.653161	Y



Calibration / 4-Nitroaniline

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

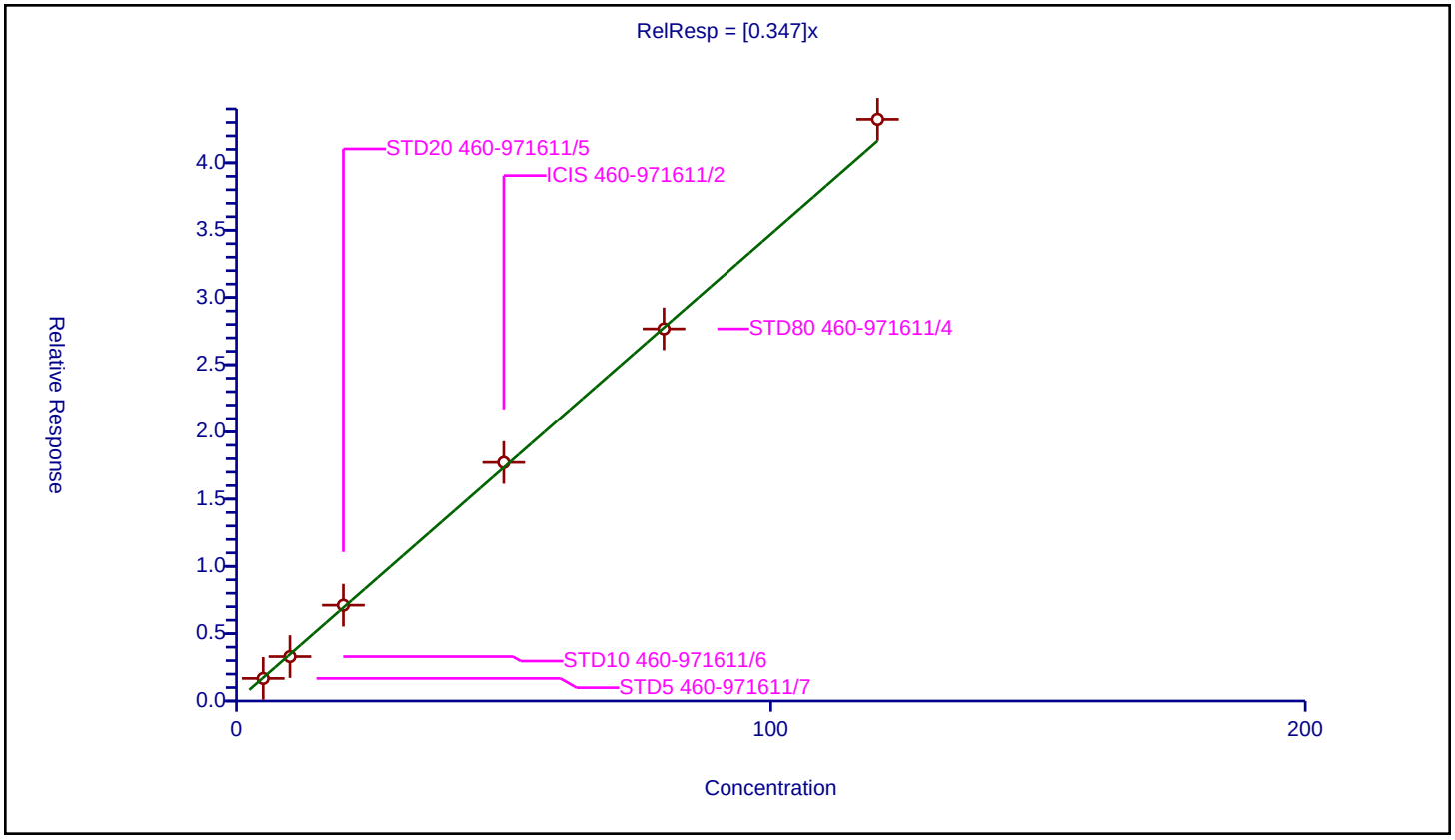
Curve Coefficients

Intercept:	0
Slope:	0.347

Error Coefficients

Relative Standard Deviation:	3.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-971611/7	5.0	1.678995	40.0	553450.0	0.335799	Y
2	STD10 460-971611/6	10.0	3.299804	40.0	571840.0	0.32998	Y
3	STD20 460-971611/5	20.0	7.114295	40.0	553078.0	0.355715	Y
4	ICIS 460-971611/2	50.0	17.723811	40.0	584802.0	0.354476	Y
5	STD80 460-971611/4	80.0	27.667754	40.0	619686.0	0.345847	Y
6	STD120 460-971611/3	120.0	43.229158	40.0	557136.0	0.360243	Y



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Calibration / 4,6-Dinitro-2-methylphenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

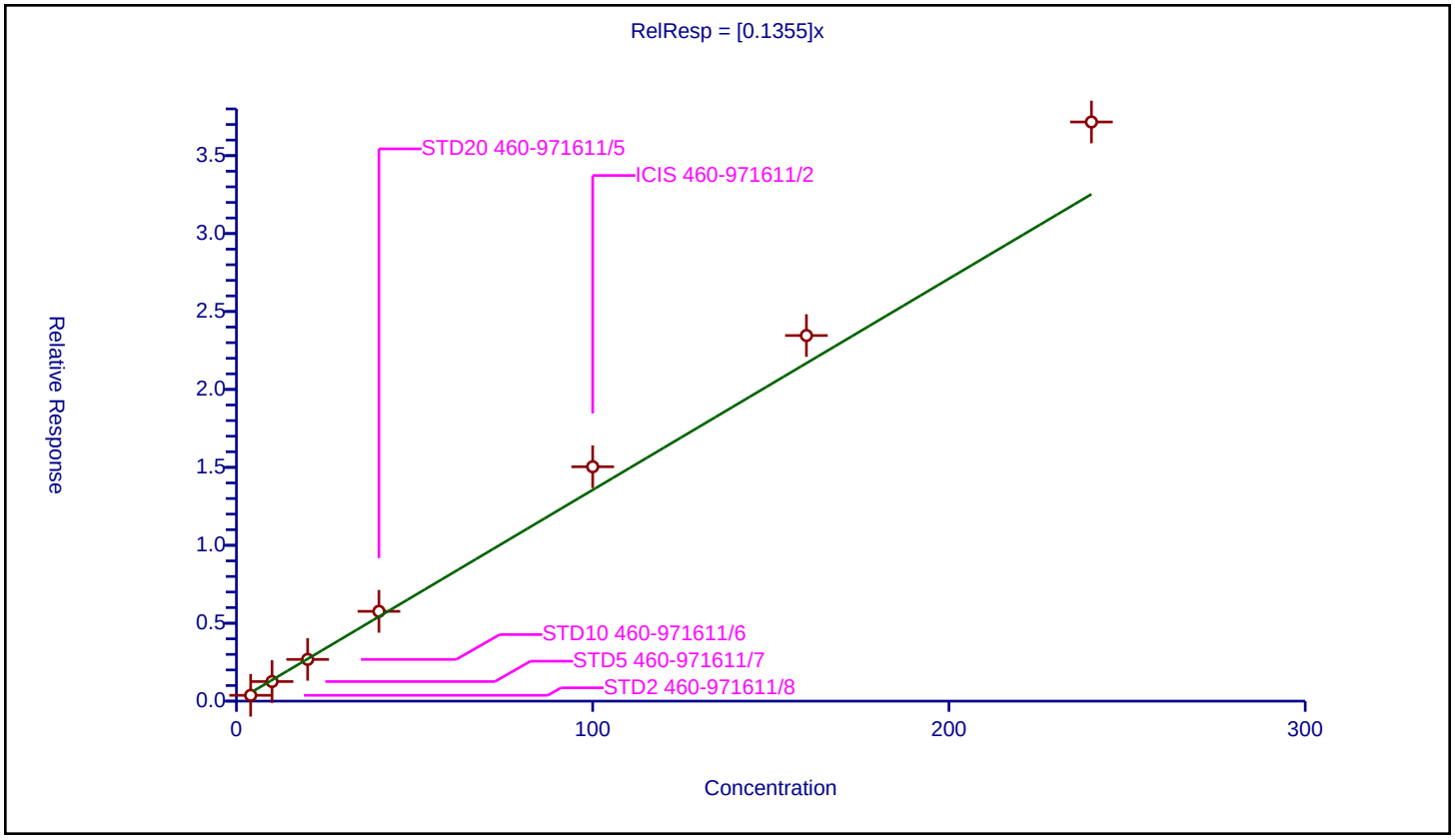
Curve Coefficients

Intercept:	0
Slope:	0.1355

Error Coefficients

Relative Standard Deviation:	15.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD2 460-971611/8	4.0	0.373441	40.0	1005674.0	0.09336	Y
2	STD5 460-971611/7	10.0	1.256294	40.0	1073698.0	0.125629	Y
3	STD10 460-971611/6	20.0	2.676411	40.0	1097126.0	0.133821	Y
4	STD20 460-971611/5	40.0	5.760751	40.0	1061563.0	0.144019	Y
5	ICIS 460-971611/2	100.0	15.038626	40.0	1107032.0	0.150386	Y
6	STD80 460-971611/4	160.0	23.458736	40.0	1179344.0	0.146617	Y
7	STD120 460-971611/3	240.0	37.161548	40.0	1056604.0	0.15484	Y



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Calibration / N-Nitrosodiphenylamine

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

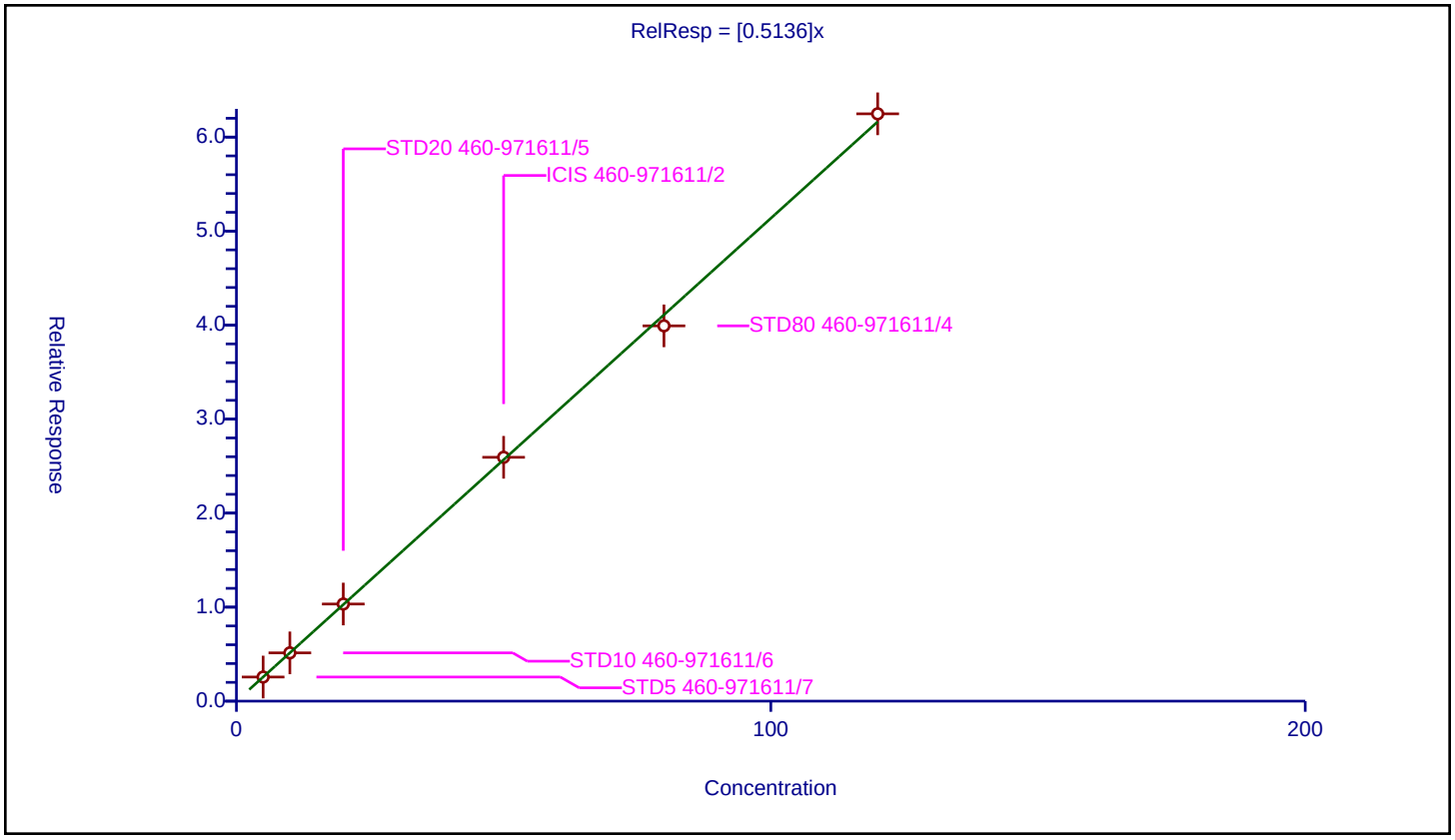
Curve Coefficients

Intercept:	0
Slope:	0.5136

Error Coefficients

Relative Standard Deviation:	1.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-971611/7	5.0	2.566383	40.0	1073698.0	0.513277	Y
2	STD10 460-971611/6	10.0	5.134397	40.0	1097126.0	0.51344	Y
3	STD20 460-971611/5	20.0	10.331295	40.0	1061563.0	0.516565	Y
4	ICIS 460-971611/2	50.0	25.938979	40.0	1107032.0	0.51878	Y
5	STD80 460-971611/4	80.0	39.922296	40.0	1179344.0	0.499029	Y
6	STD120 460-971611/3	120.0	62.477106	40.0	1056604.0	0.520643	Y



Calibration / 1,2-Diphenylhydrazine

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

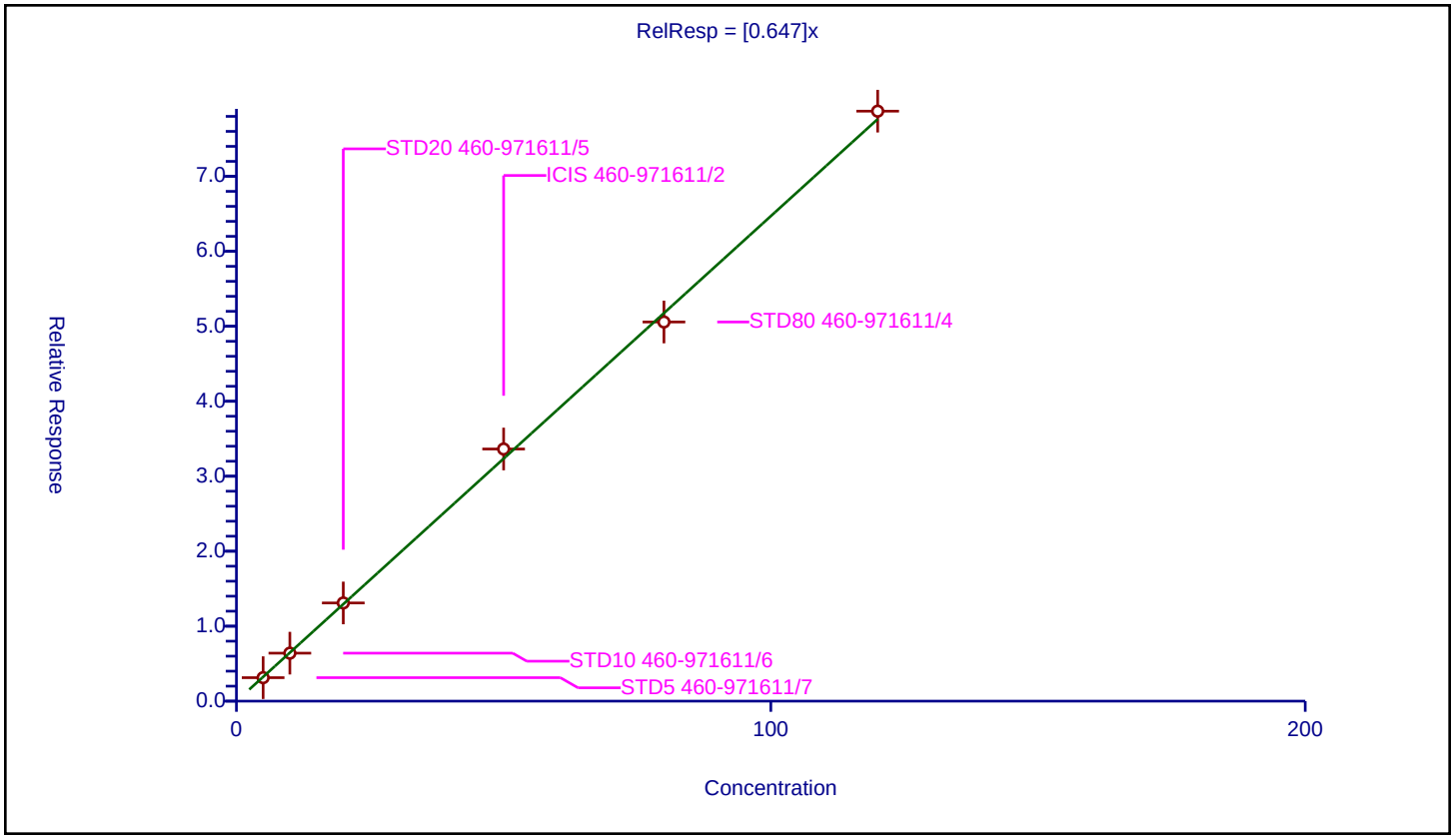
Curve Coefficients

Intercept:	0
Slope:	0.647

Error Coefficients

Relative Standard Deviation:	2.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-971611/7	5.0	3.130787	40.0	1073698.0	0.626157	Y
2	STD10 460-971611/6	10.0	6.401197	40.0	1097126.0	0.64012	Y
3	STD20 460-971611/5	20.0	13.097329	40.0	1061563.0	0.654866	Y
4	ICIS 460-971611/2	50.0	33.631223	40.0	1107032.0	0.672624	Y
5	STD80 460-971611/4	80.0	50.575947	40.0	1179344.0	0.632199	Y
6	STD120 460-971611/3	120.0	78.69692	40.0	1056604.0	0.655808	Y



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Calibration / Azobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

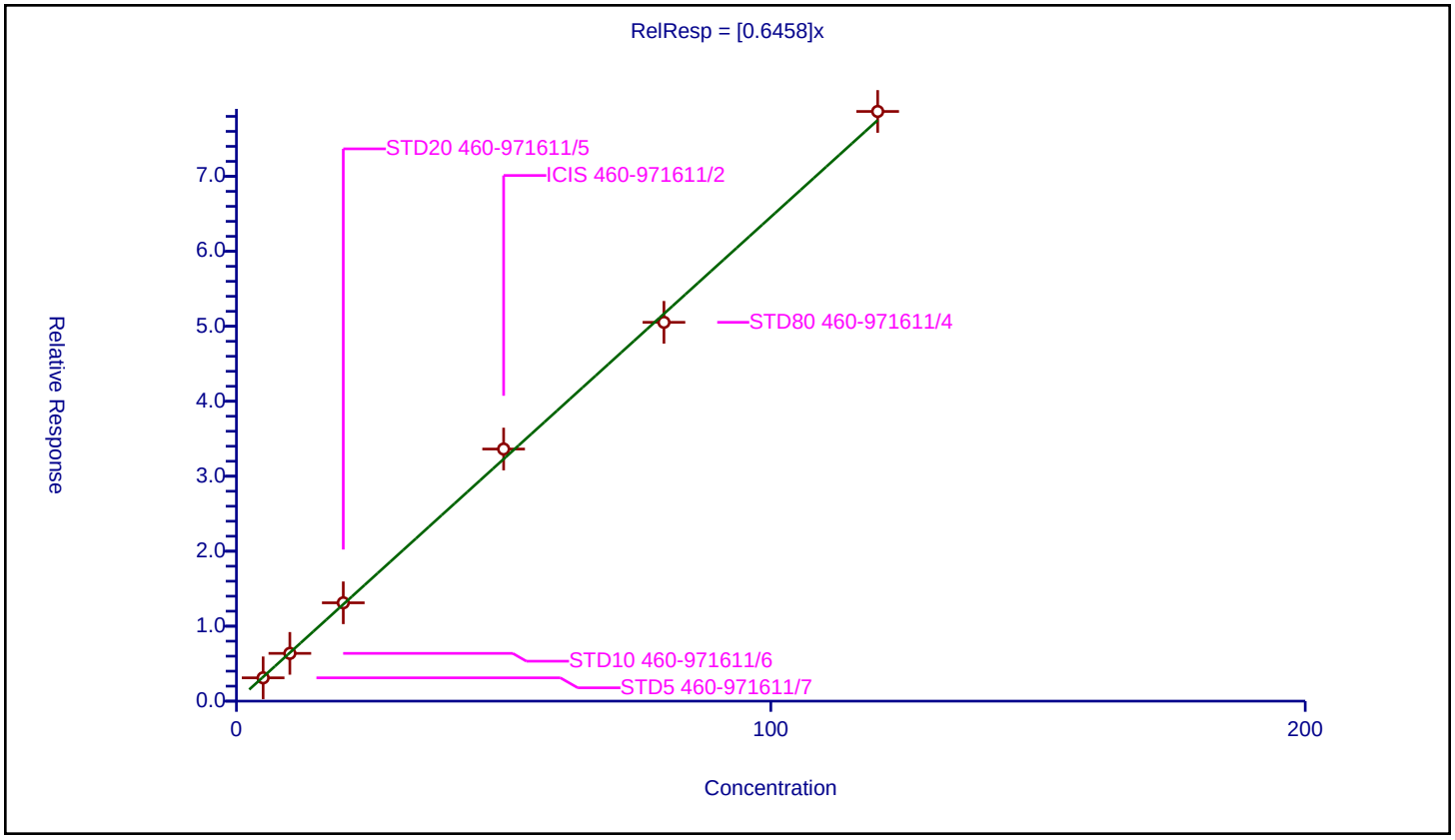
Curve Coefficients

Intercept:	0
Slope:	0.6458

Error Coefficients

Relative Standard Deviation:	2.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-971611/7	5.0	3.11067	40.0	1073698.0	0.622134	Y
2	STD10 460-971611/6	10.0	6.371337	40.0	1097126.0	0.637134	Y
3	STD20 460-971611/5	20.0	13.118468	40.0	1061563.0	0.655923	Y
4	ICIS 460-971611/2	50.0	33.628621	40.0	1107032.0	0.672572	Y
5	STD80 460-971611/4	80.0	50.531312	40.0	1179344.0	0.631641	Y
6	STD120 460-971611/3	120.0	78.657548	40.0	1056604.0	0.65548	Y



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Calibration / 2,4,6-Tribromophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

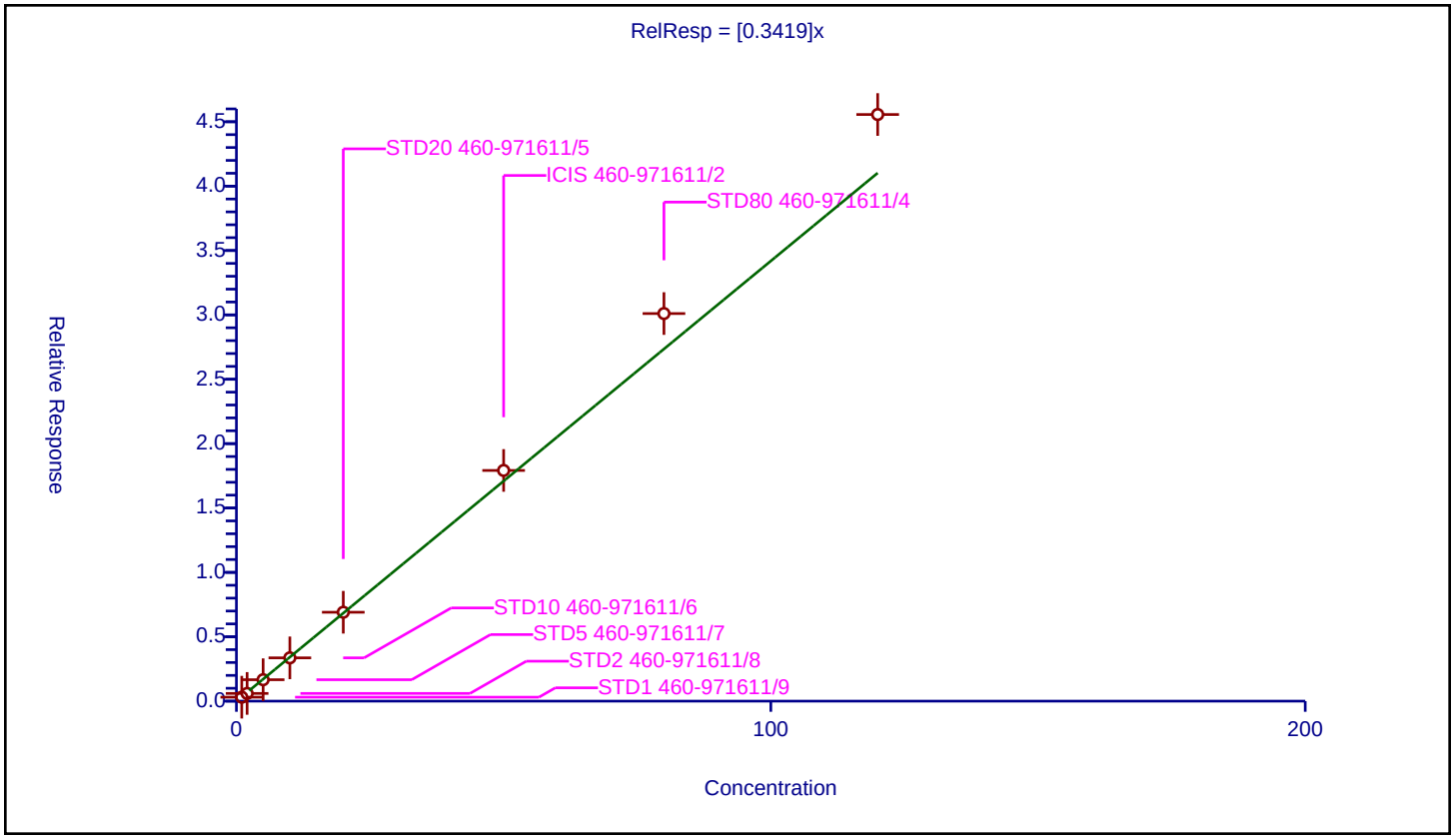
Curve Coefficients

Intercept:	0
Slope:	0.3419

Error Coefficients

Relative Standard Deviation:	8.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-971611/9	1.0	0.306837	40.0	524317.0	0.306837	Y
2	STD2 460-971611/8	2.0	0.598427	40.0	523372.0	0.299214	Y
3	STD5 460-971611/7	5.0	1.664468	40.0	553450.0	0.332894	Y
4	STD10 460-971611/6	10.0	3.363458	40.0	571840.0	0.336346	Y
5	STD20 460-971611/5	20.0	6.904777	40.0	553078.0	0.345239	Y
6	ICIS 460-971611/2	50.0	17.917791	40.0	584802.0	0.358356	Y
7	STD80 460-971611/4	80.0	30.105311	40.0	619686.0	0.376316	Y
8	STD120 460-971611/3	120.0	45.562807	40.0	557136.0	0.37969	Y



Calibration / 4-Bromophenyl phenyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

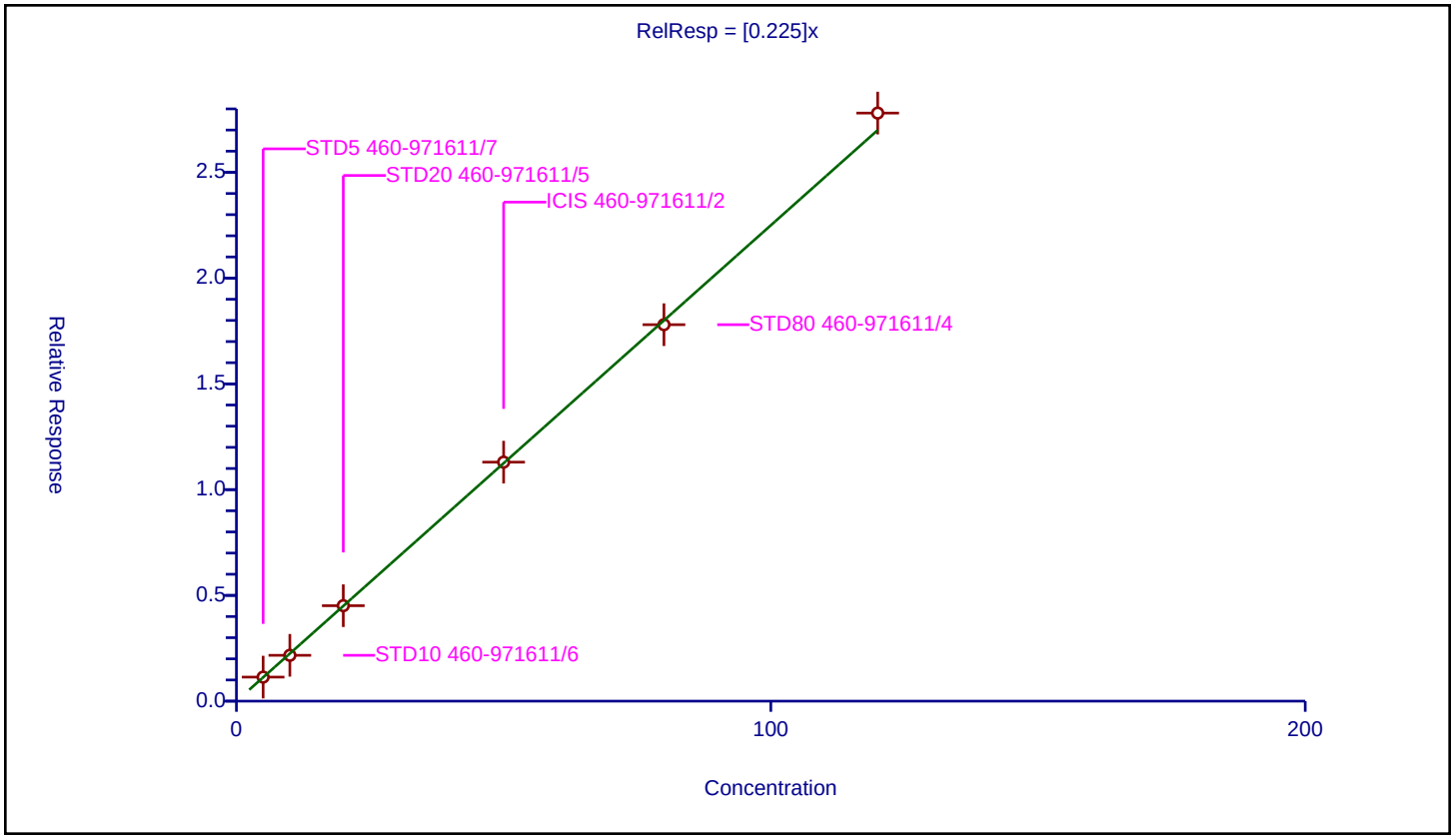
Curve Coefficients

Intercept:	0
Slope:	0.225

Error Coefficients

Relative Standard Deviation:	2.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-971611/7	5.0	1.136483	40.0	1073698.0	0.227297	Y
2	STD10 460-971611/6	10.0	2.166861	40.0	1097126.0	0.216686	Y
3	STD20 460-971611/5	20.0	4.512817	40.0	1061563.0	0.225641	Y
4	ICIS 460-971611/2	50.0	11.2998	40.0	1107032.0	0.225996	Y
5	STD80 460-971611/4	80.0	17.798064	40.0	1179344.0	0.222476	Y
6	STD120 460-971611/3	120.0	27.802848	40.0	1056604.0	0.23169	Y



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Calibration / Hexachlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

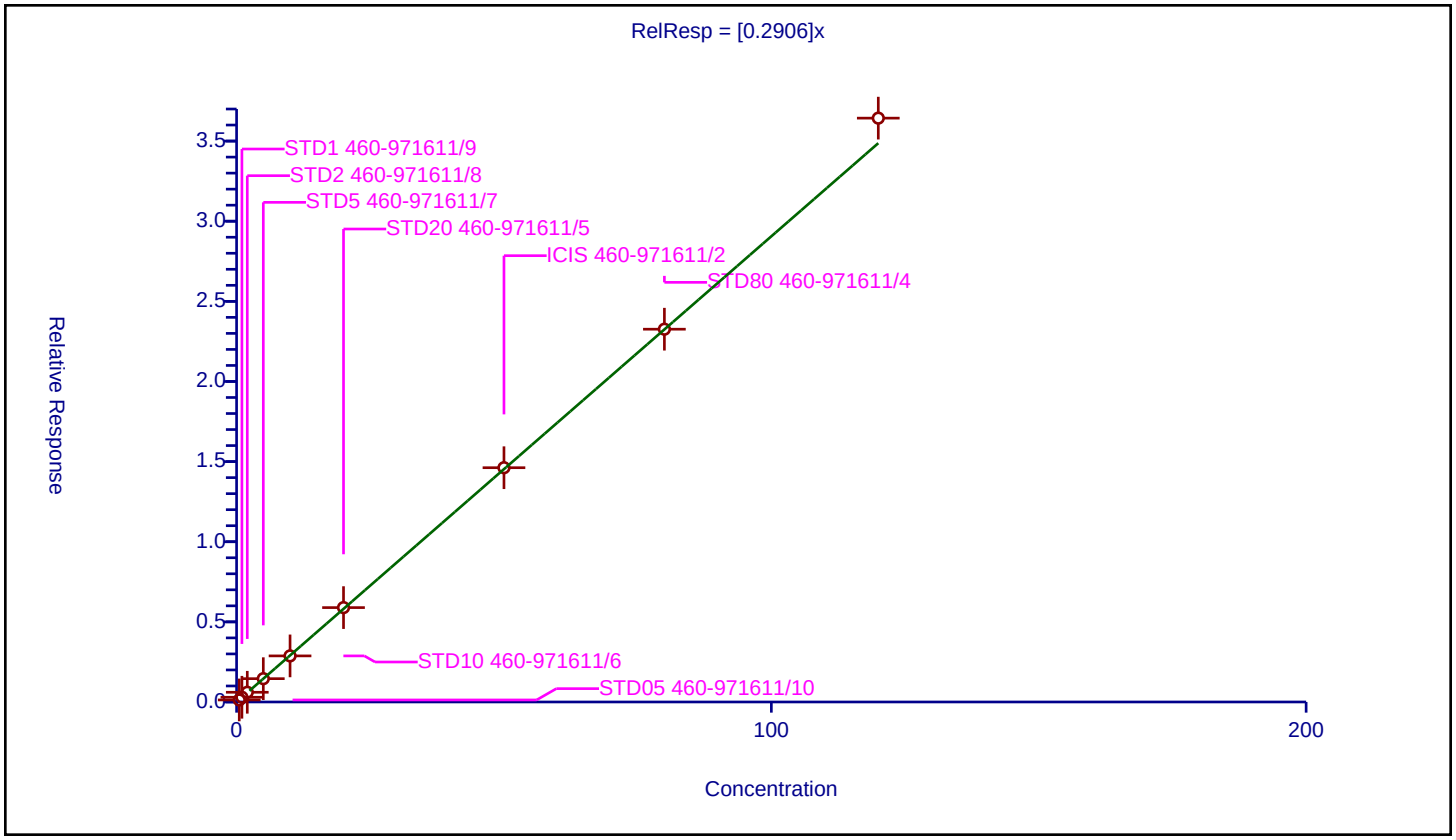
Curve Coefficients

Intercept:	0
Slope:	0.2906

Error Coefficients

Relative Standard Deviation:	4.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-971611/10	0.5	0.128073	40.0	1006924.0	0.256146	Y
2	STD1 460-971611/9	1.0	0.295581	40.0	1019280.0	0.295581	Y
3	STD2 460-971611/8	2.0	0.606797	40.0	1005674.0	0.303399	Y
4	STD5 460-971611/7	5.0	1.455307	40.0	1073698.0	0.291061	Y
5	STD10 460-971611/6	10.0	2.876716	40.0	1097126.0	0.287672	Y
6	STD20 460-971611/5	20.0	5.889806	40.0	1061563.0	0.29449	Y
7	ICIS 460-971611/2	50.0	14.618801	40.0	1107032.0	0.292376	Y
8	STD80 460-971611/4	80.0	23.261542	40.0	1179344.0	0.290769	Y
9	STD120 460-971611/3	120.0	36.431397	40.0	1056604.0	0.303595	Y



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Calibration / Atrazine

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

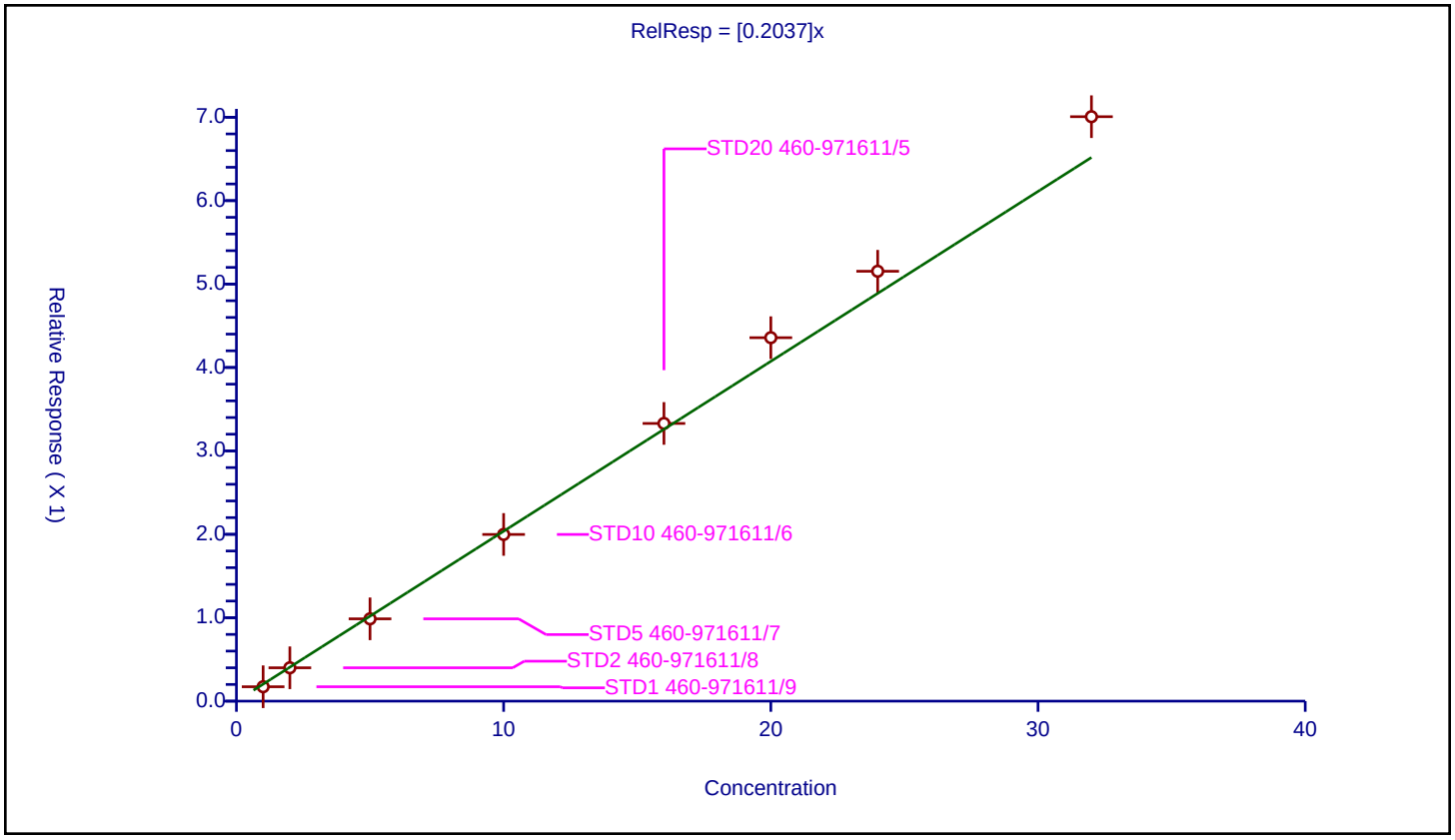
Curve Coefficients

Intercept:	0
Slope:	0.2037

Error Coefficients

Relative Standard Deviation:	7.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-971611/9	1.0	0.172632	40.0	1019280.0	0.172632	Y
2	STD2 460-971611/8	2.0	0.40001	40.0	1005674.0	0.200005	Y
3	STD5 460-971611/7	5.0	0.986758	40.0	1073698.0	0.197352	Y
4	STD10 460-971611/6	10.0	1.998421	40.0	1097126.0	0.199842	Y
5	STD20 460-971611/5	16.0	3.329129	40.0	1061563.0	0.208071	Y
6	ICIS 460-971611/2	20.0	4.357381	40.0	1107032.0	0.217869	Y
7	STD80 460-971611/4	24.0	5.153543	40.0	1179344.0	0.214731	Y
8	STD120 460-971611/3	32.0	7.006371	40.0	1056604.0	0.218949	Y



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Calibration / Pentachlorophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

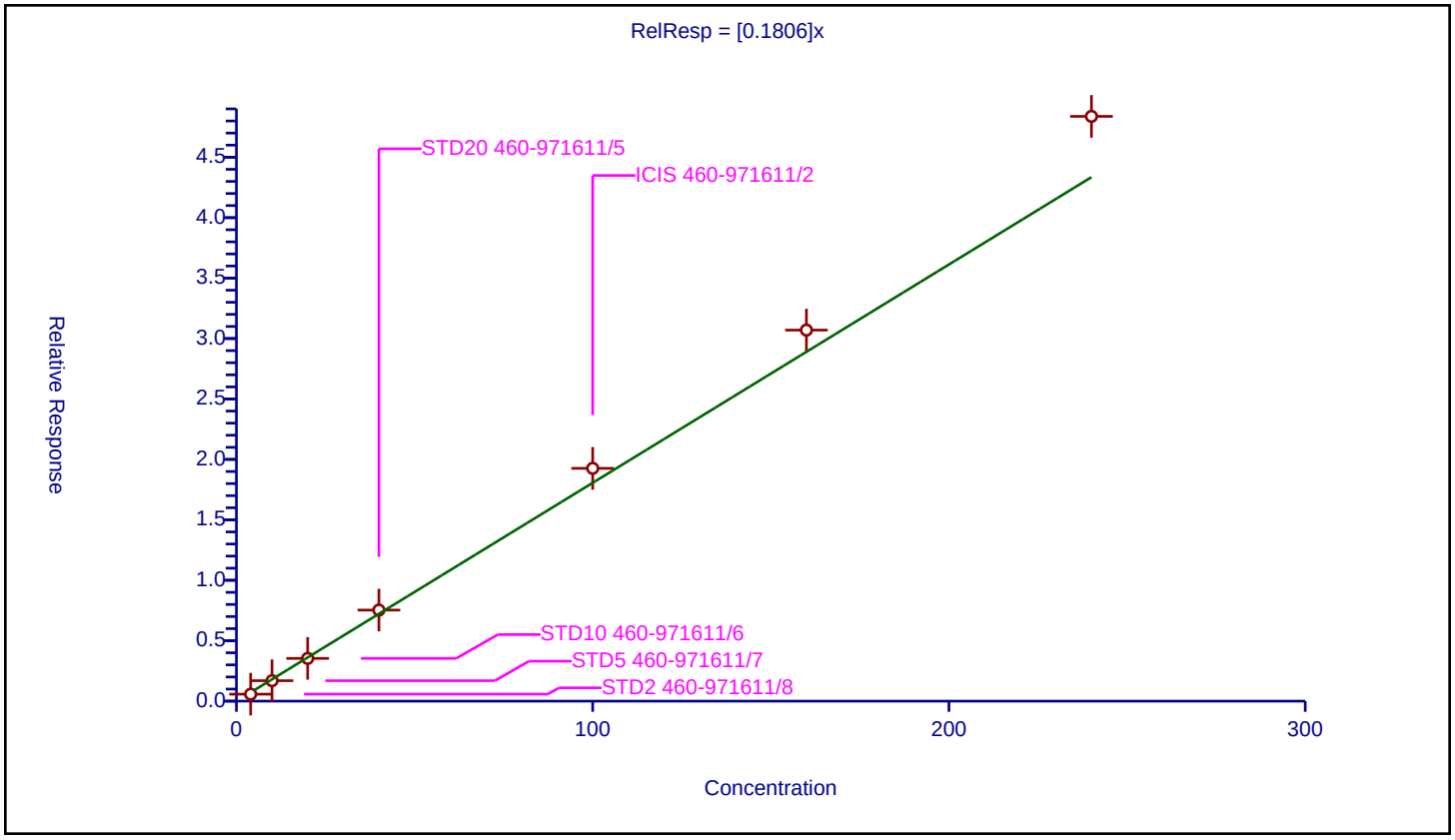
Curve Coefficients

Intercept:	0
Slope:	0.1806

Error Coefficients

Relative Standard Deviation:	10.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD2 460-971611/8	4.0	0.576529	40.0	1005674.0	0.144132	Y
2	STD5 460-971611/7	10.0	1.69068	40.0	1073698.0	0.169068	Y
3	STD10 460-971611/6	20.0	3.535783	40.0	1097126.0	0.176789	Y
4	STD20 460-971611/5	40.0	7.533006	40.0	1061563.0	0.188325	Y
5	ICIS 460-971611/2	100.0	19.260654	40.0	1107032.0	0.192607	Y
6	STD80 460-971611/4	160.0	30.700254	40.0	1179344.0	0.191877	Y
7	STD120 460-971611/3	240.0	48.380812	40.0	1056604.0	0.201587	Y



Calibration / Pentachloronitrobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

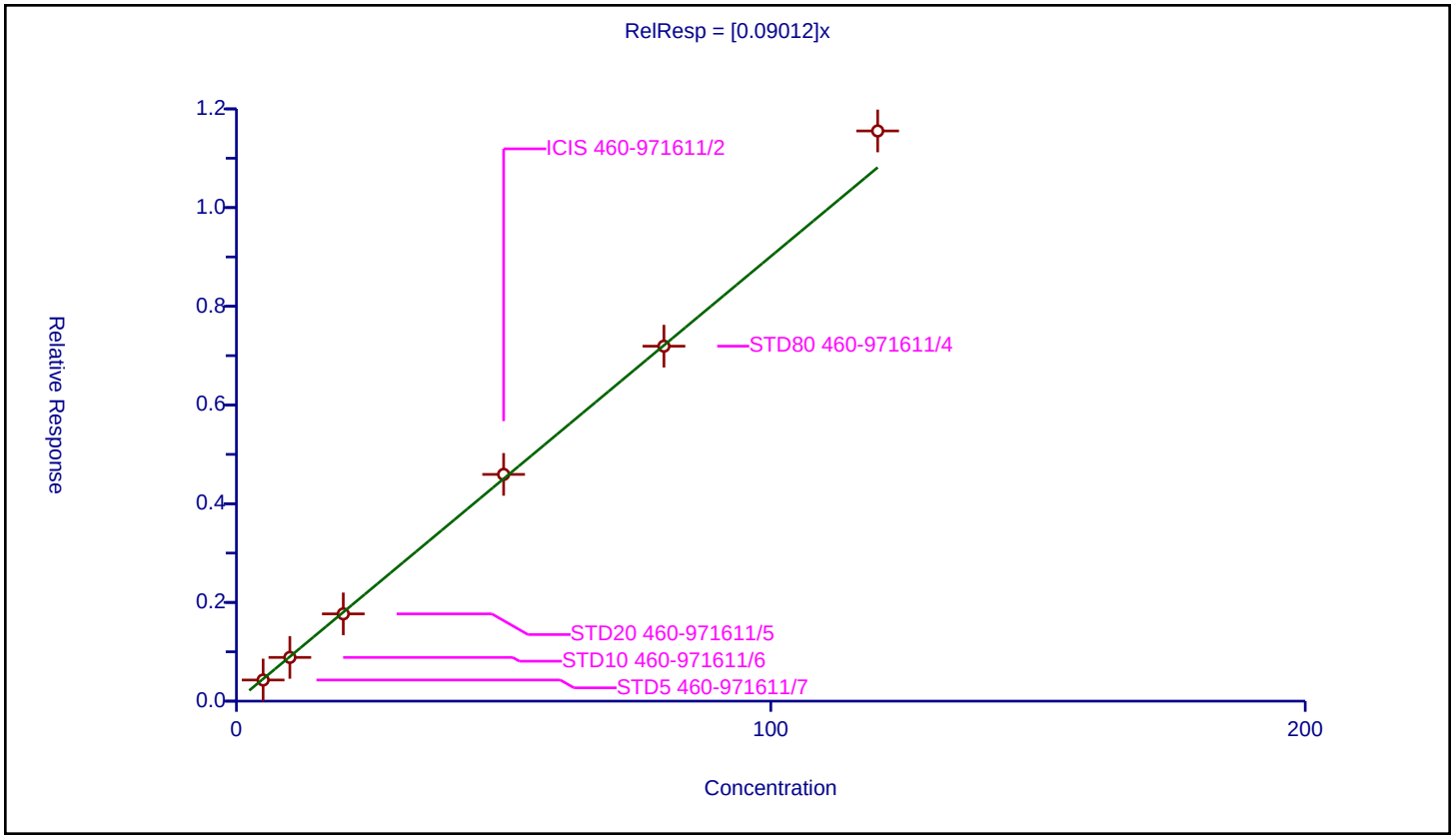
Curve Coefficients

Intercept:	0
Slope:	0.09012

Error Coefficients

Relative Standard Deviation:	4.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-971611/7	5.0	0.42824	40.0	1073698.0	0.085648	Y
2	STD10 460-971611/6	10.0	0.885842	40.0	1097126.0	0.088584	Y
3	STD20 460-971611/5	20.0	1.768185	40.0	1061563.0	0.088409	Y
4	ICIS 460-971611/2	50.0	4.594339	40.0	1107032.0	0.091887	Y
5	STD80 460-971611/4	80.0	7.192236	40.0	1179344.0	0.089903	Y
6	STD120 460-971611/3	120.0	11.553165	40.0	1056604.0	0.096276	Y



Calibration / n-Octadecane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

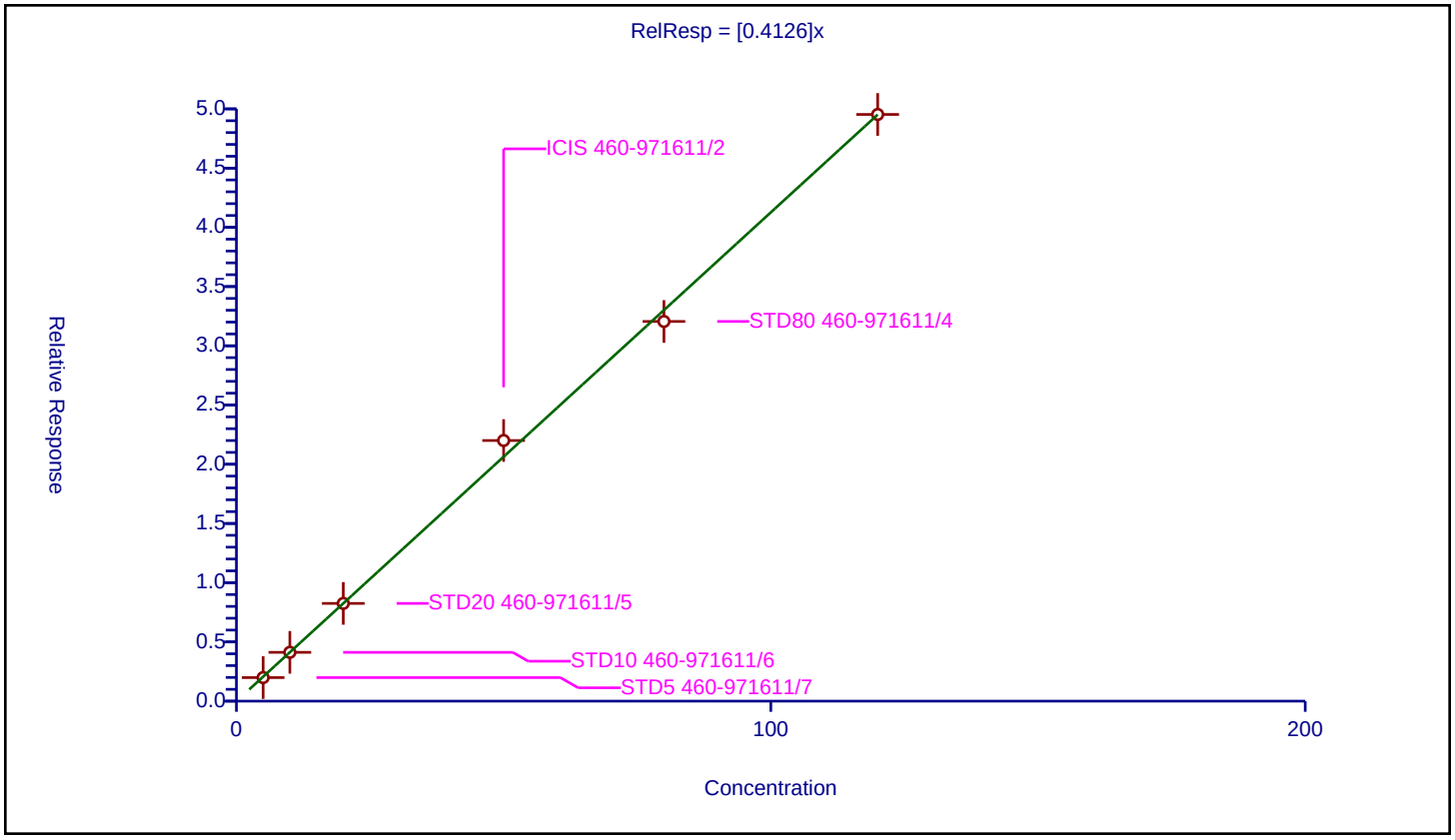
Curve Coefficients

Intercept:	0
Slope:	0.4126

Error Coefficients

Relative Standard Deviation:	3.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-971611/7	5.0	1.988753	40.0	1073698.0	0.397751	Y
2	STD10 460-971611/6	10.0	4.120256	40.0	1097126.0	0.412026	Y
3	STD20 460-971611/5	20.0	8.250288	40.0	1061563.0	0.412514	Y
4	ICIS 460-971611/2	50.0	22.003917	40.0	1107032.0	0.440078	Y
5	STD80 460-971611/4	80.0	32.055109	40.0	1179344.0	0.400689	Y
6	STD120 460-971611/3	120.0	49.529777	40.0	1056604.0	0.412748	Y



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Calibration / Phenanthrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

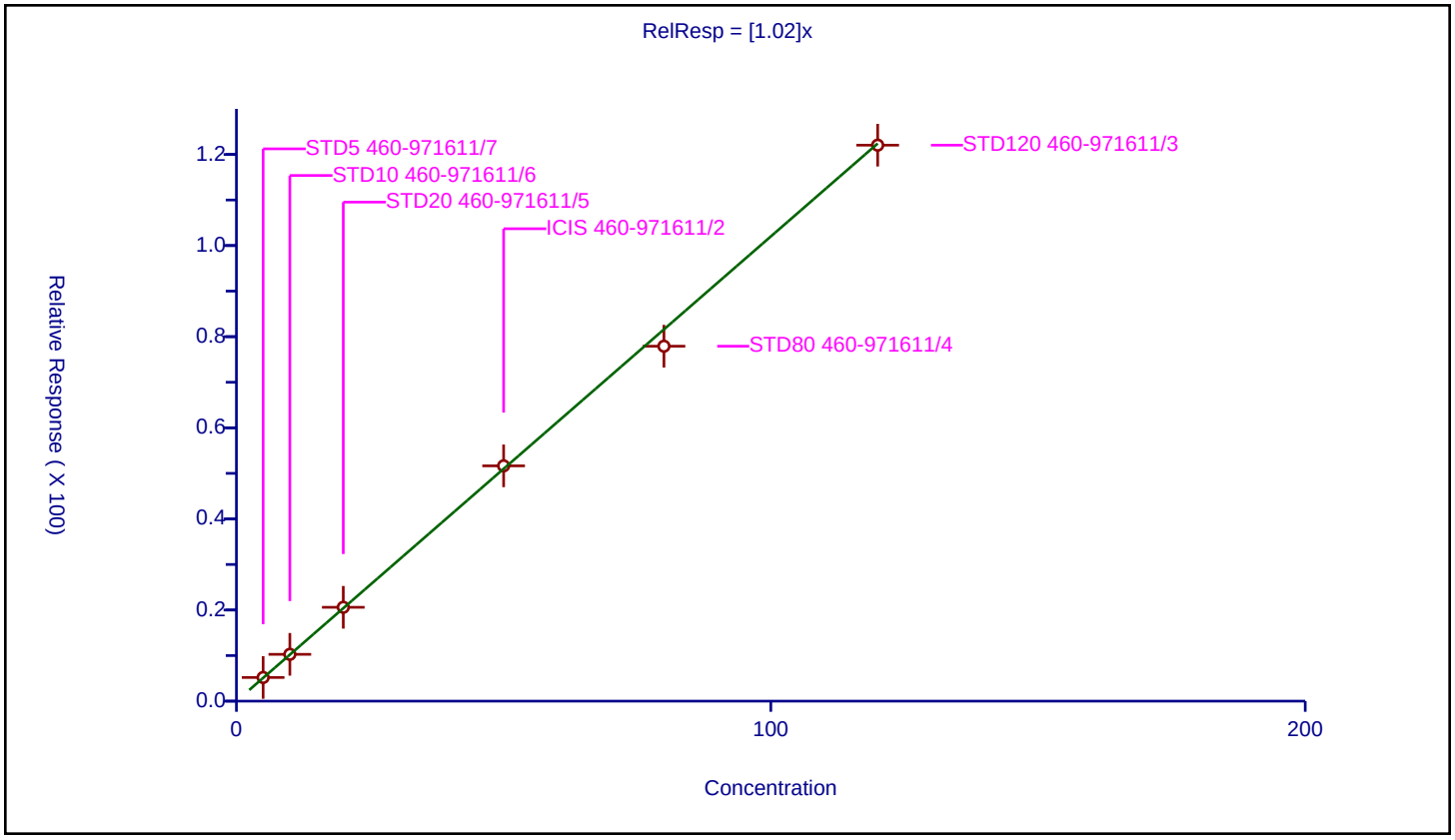
Curve Coefficients

Intercept:	0
Slope:	1.02

Error Coefficients

Relative Standard Deviation:	2.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-971611/7	5.0	5.192745	40.0	1073698.0	1.038549	Y
2	STD10 460-971611/6	10.0	10.274153	40.0	1097126.0	1.027415	Y
3	STD20 460-971611/5	20.0	20.60117	40.0	1061563.0	1.030059	Y
4	ICIS 460-971611/2	50.0	51.649203	40.0	1107032.0	1.032984	Y
5	STD80 460-971611/4	80.0	77.907345	40.0	1179344.0	0.973842	Y
6	STD120 460-971611/3	120.0	122.03997	40.0	1056604.0	1.017	Y



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Calibration / Anthracene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

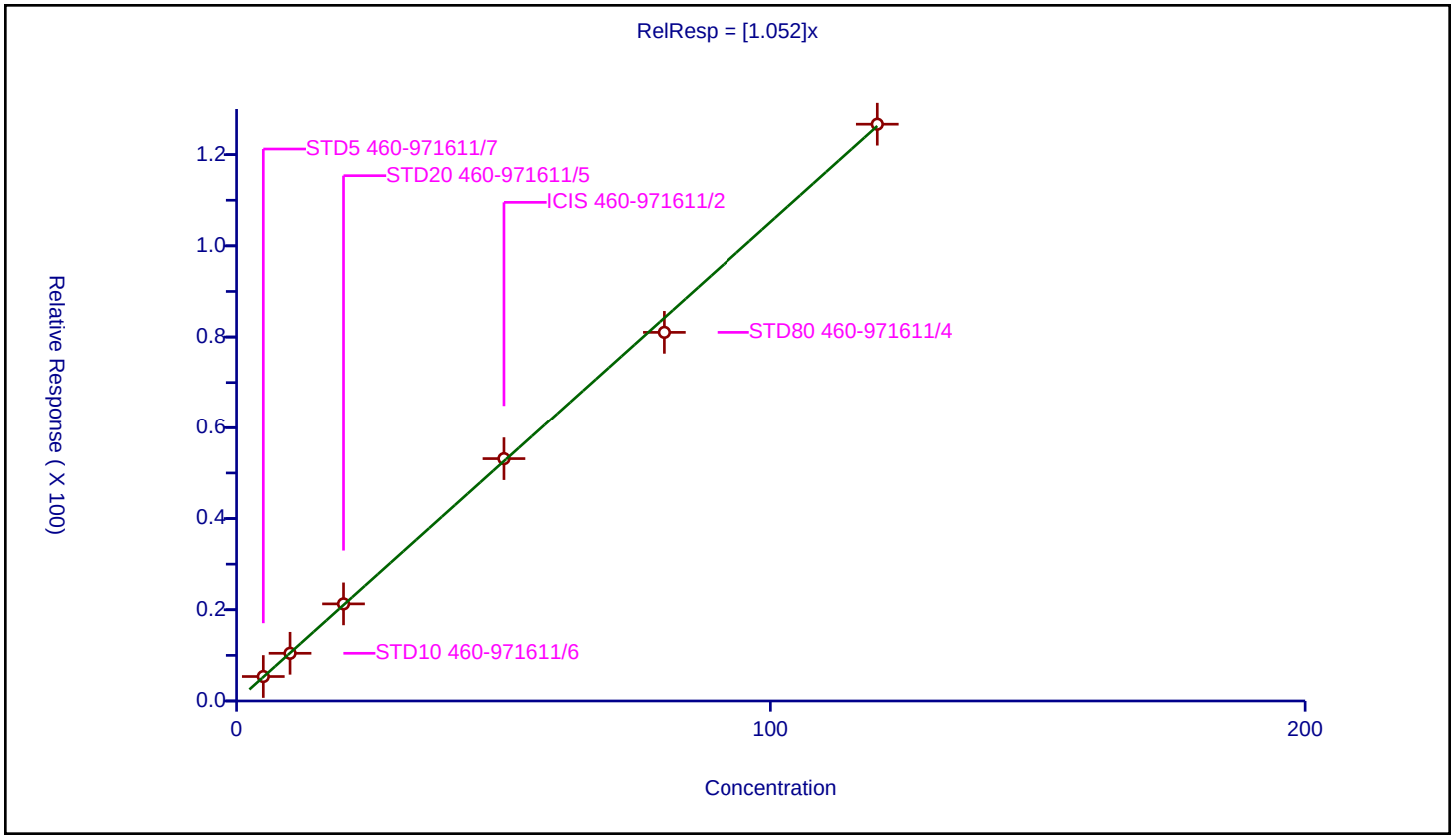
Curve Coefficients

Intercept:	0
Slope:	1.052

Error Coefficients

Relative Standard Deviation:	2.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-971611/7	5.0	5.362402	40.0	1073698.0	1.07248	Y
2	STD10 460-971611/6	10.0	10.453931	40.0	1097126.0	1.045393	Y
3	STD20 460-971611/5	20.0	21.289175	40.0	1061563.0	1.064459	Y
4	ICIS 460-971611/2	50.0	53.143757	40.0	1107032.0	1.062875	Y
5	STD80 460-971611/4	80.0	81.030234	40.0	1179344.0	1.012878	Y
6	STD120 460-971611/3	120.0	126.673342	40.0	1056604.0	1.055611	Y



Calibration / Carbazole

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

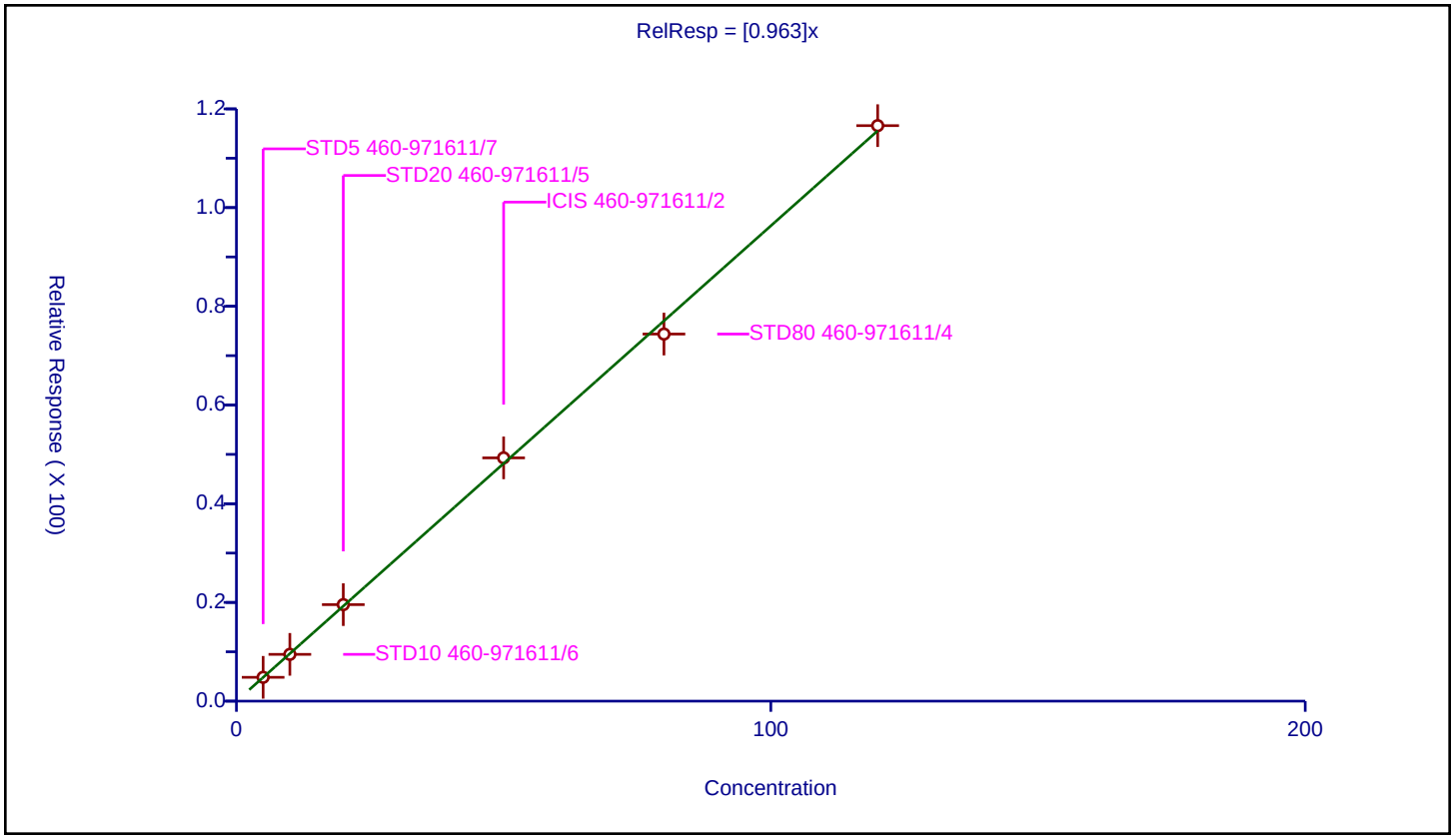
Curve Coefficients

Intercept:	0
Slope:	0.963

Error Coefficients

Relative Standard Deviation:	2.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-971611/7	5.0	4.827093	40.0	1073698.0	0.965419	Y
2	STD10 460-971611/6	10.0	9.477635	40.0	1097126.0	0.947764	Y
3	STD20 460-971611/5	20.0	19.556446	40.0	1061563.0	0.977822	Y
4	ICIS 460-971611/2	50.0	49.288584	40.0	1107032.0	0.985772	Y
5	STD80 460-971611/4	80.0	74.378841	40.0	1179344.0	0.929736	Y
6	STD120 460-971611/3	120.0	116.606146	40.0	1056604.0	0.971718	Y



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Calibration / Di-n-butyl phthalate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

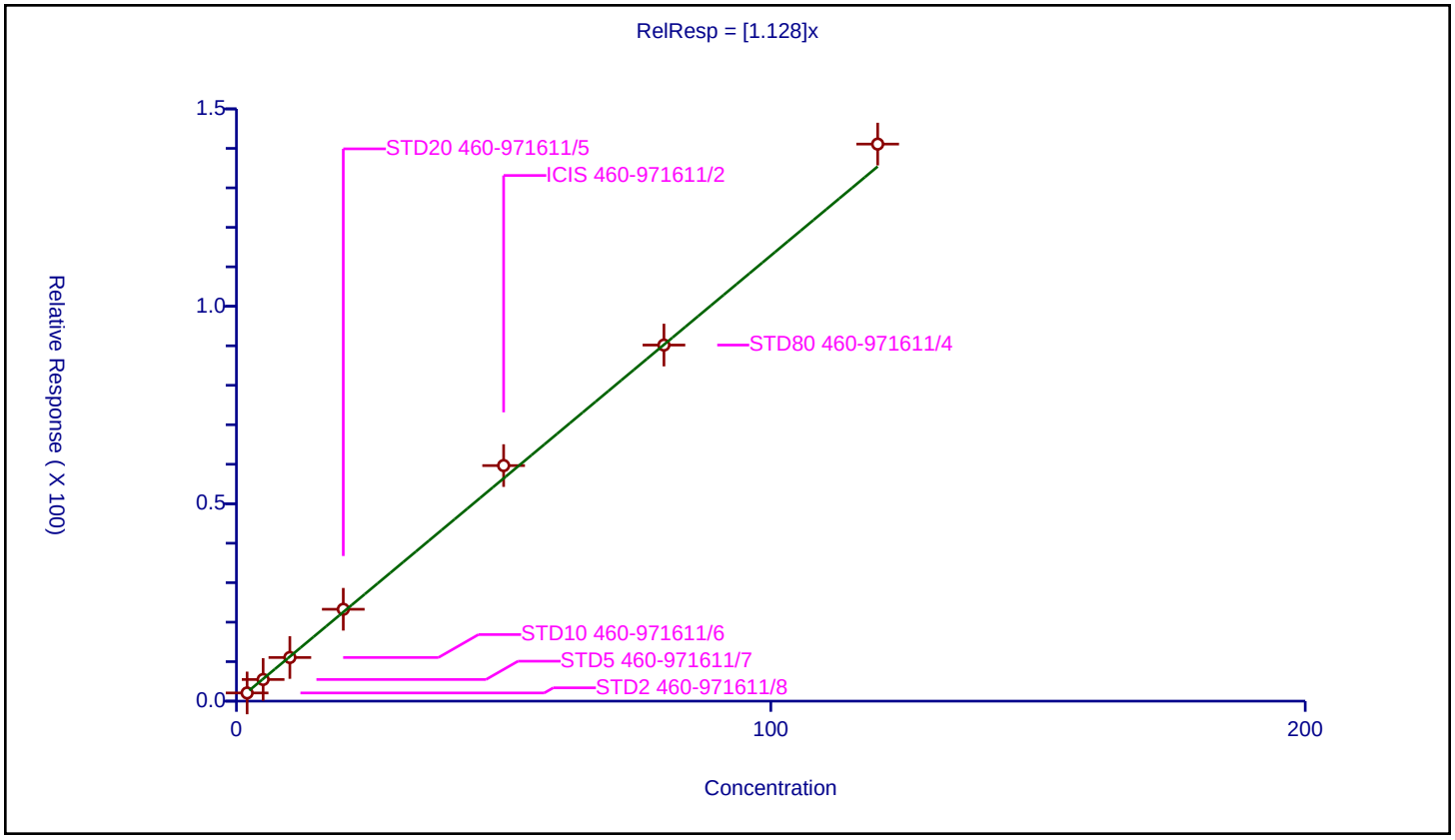
Curve Coefficients

Intercept:	0
Slope:	1.128

Error Coefficients

Relative Standard Deviation:	4.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD2 460-971611/8	2.0	2.074788	40.0	1005674.0	1.037394	Y
2	STD5 460-971611/7	5.0	5.482324	40.0	1073698.0	1.096465	Y
3	STD10 460-971611/6	10.0	11.052732	40.0	1097126.0	1.105273	Y
4	STD20 460-971611/5	20.0	23.269311	40.0	1061563.0	1.163466	Y
5	ICIS 460-971611/2	50.0	59.663894	40.0	1107032.0	1.193278	Y
6	STD80 460-971611/4	80.0	90.18512	40.0	1179344.0	1.127314	Y
7	STD120 460-971611/3	120.0	141.089945	40.0	1056604.0	1.17575	Y



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Calibration / Fluoranthene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

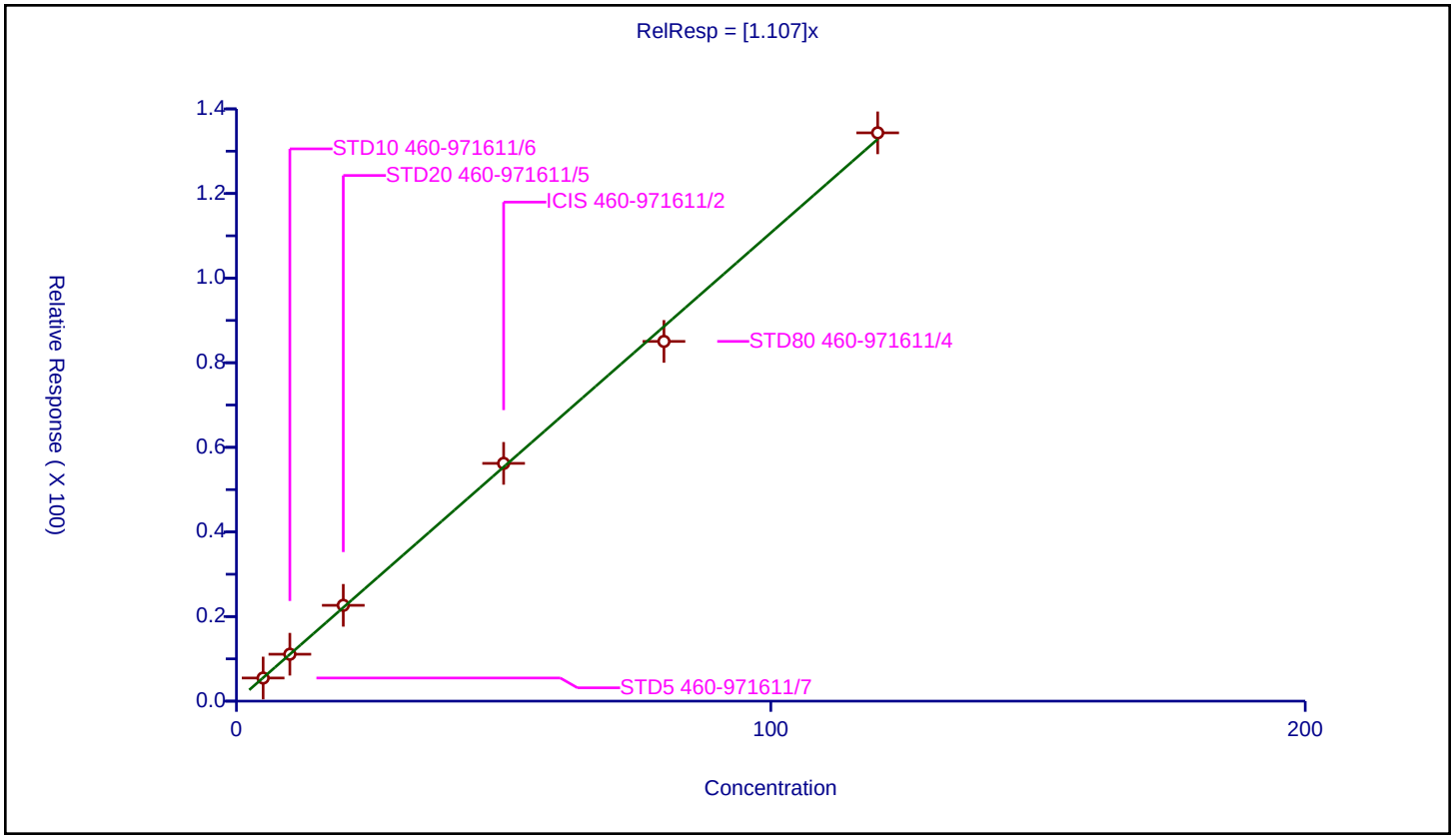
Curve Coefficients

Intercept:	0
Slope:	1.107

Error Coefficients

Relative Standard Deviation:	2.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-971611/7	5.0	5.469434	40.0	1073698.0	1.093887	Y
2	STD10 460-971611/6	10.0	11.091051	40.0	1097126.0	1.109105	Y
3	STD20 460-971611/5	20.0	22.650978	40.0	1061563.0	1.132549	Y
4	ICIS 460-971611/2	50.0	56.204121	40.0	1107032.0	1.124082	Y
5	STD80 460-971611/4	80.0	85.035986	40.0	1179344.0	1.06295	Y
6	STD120 460-971611/3	120.0	134.341835	40.0	1056604.0	1.119515	Y



Calibration / Benzidine

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

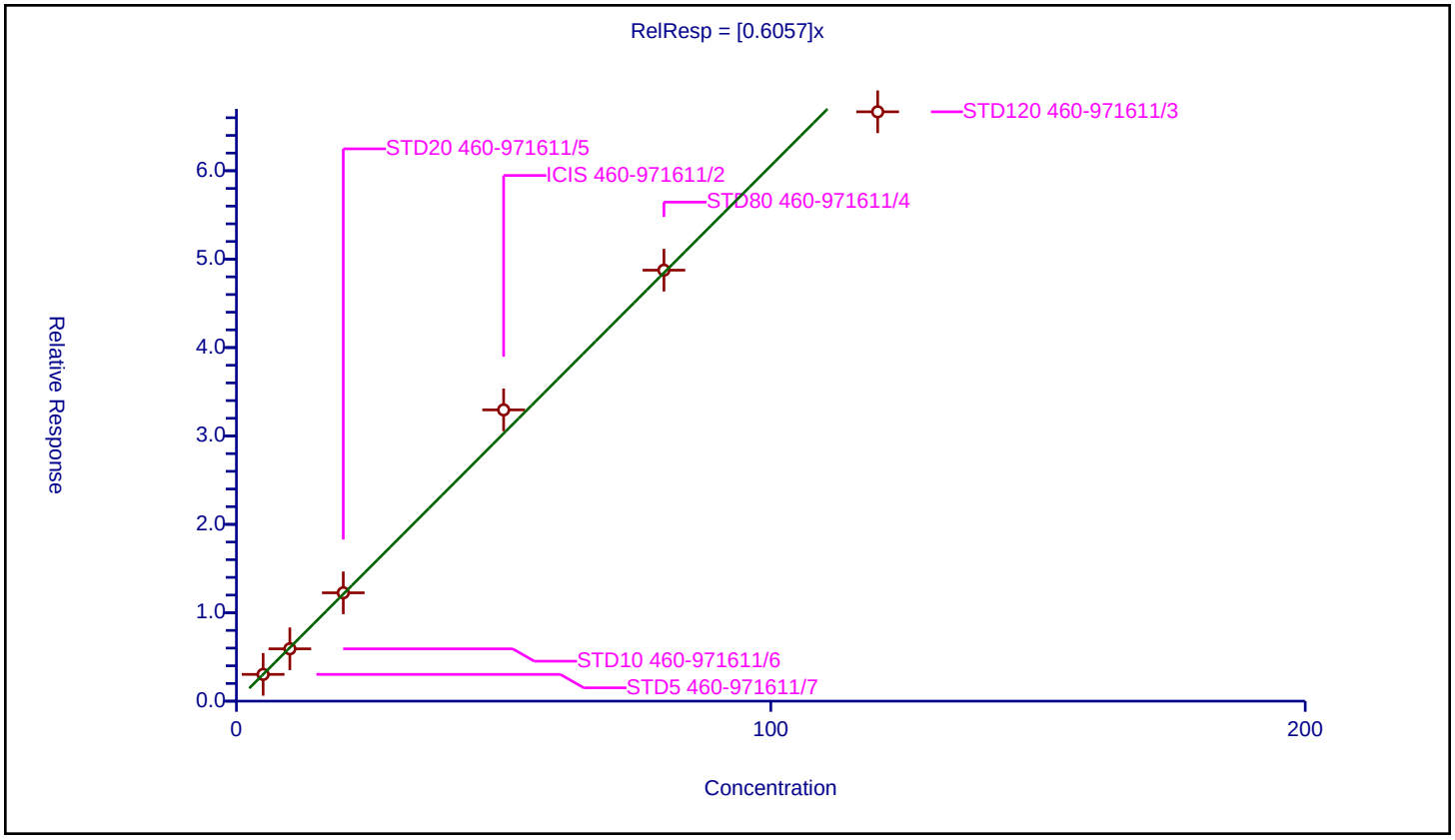
Curve Coefficients

Intercept:	0
Slope:	0.6057

Error Coefficients

Relative Standard Deviation:	5.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-971611/7	5.0	3.026512	40.0	1073698.0	0.605302	Y
2	STD10 460-971611/6	10.0	5.919174	40.0	1097126.0	0.591917	Y
3	STD20 460-971611/5	20.0	12.25672	40.0	1061563.0	0.612836	Y
4	ICIS 460-971611/2	50.0	32.948894	40.0	1107032.0	0.658978	Y
5	STD80 460-971611/4	80.0	48.756699	40.0	1179344.0	0.609459	Y
6	STD120 460-971611/3	120.0	66.670692	40.0	1056604.0	0.555589	Y



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Calibration / Pyrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

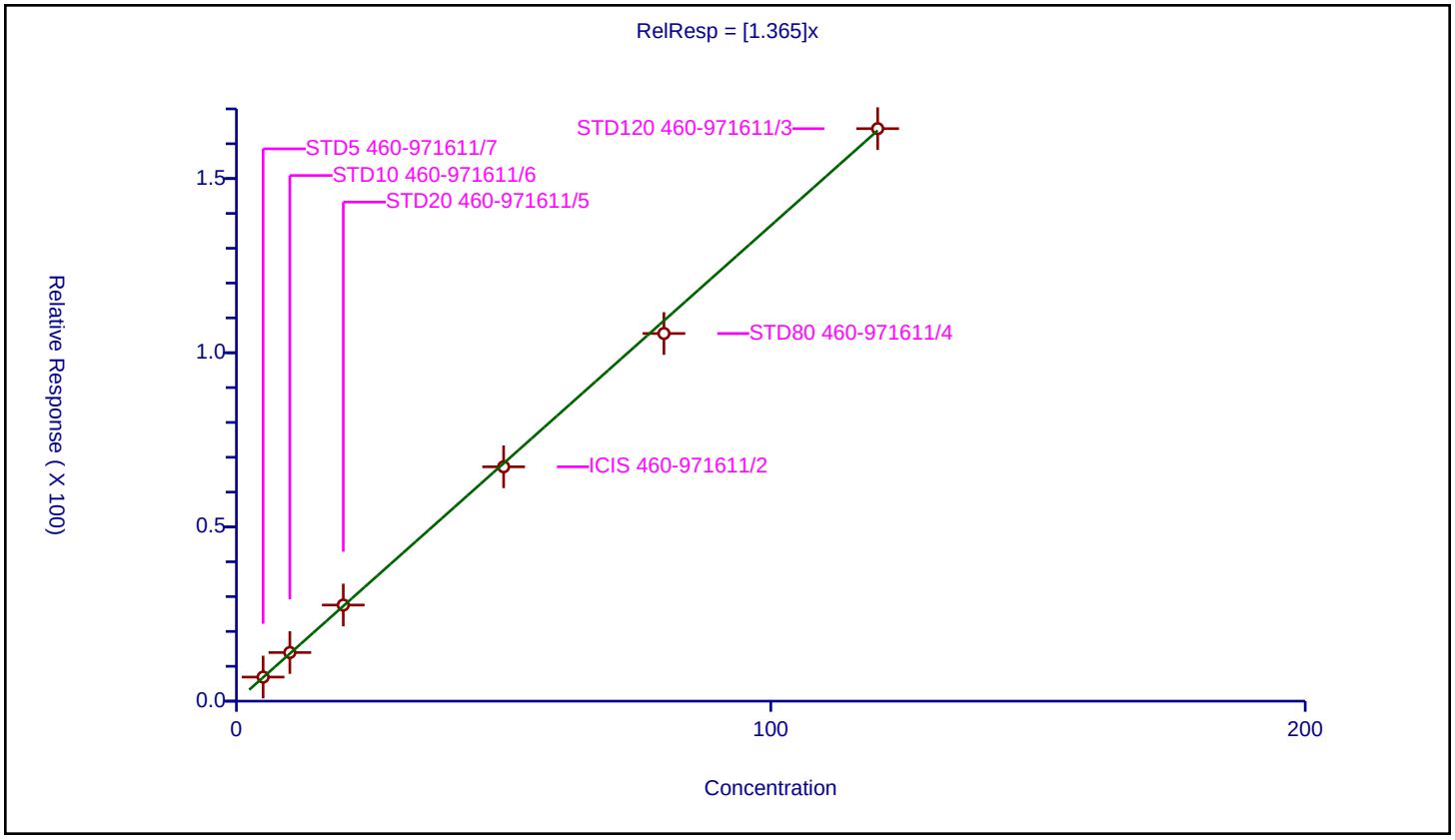
Curve Coefficients

Intercept:	0
Slope:	1.365

Error Coefficients

Relative Standard Deviation:	2.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-971611/7	5.0	6.908631	40.0	904457.0	1.381726	Y
2	STD10 460-971611/6	10.0	13.952891	40.0	914824.0	1.395289	Y
3	STD20 460-971611/5	20.0	27.584199	40.0	904644.0	1.37921	Y
4	ICIS 460-971611/2	50.0	67.26768	40.0	954566.0	1.345354	Y
5	STD80 460-971611/4	80.0	105.530856	40.0	980210.0	1.319136	Y
6	STD120 460-971611/3	120.0	164.324845	40.0	886404.0	1.369374	Y



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Calibration / Bisphenol-A

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

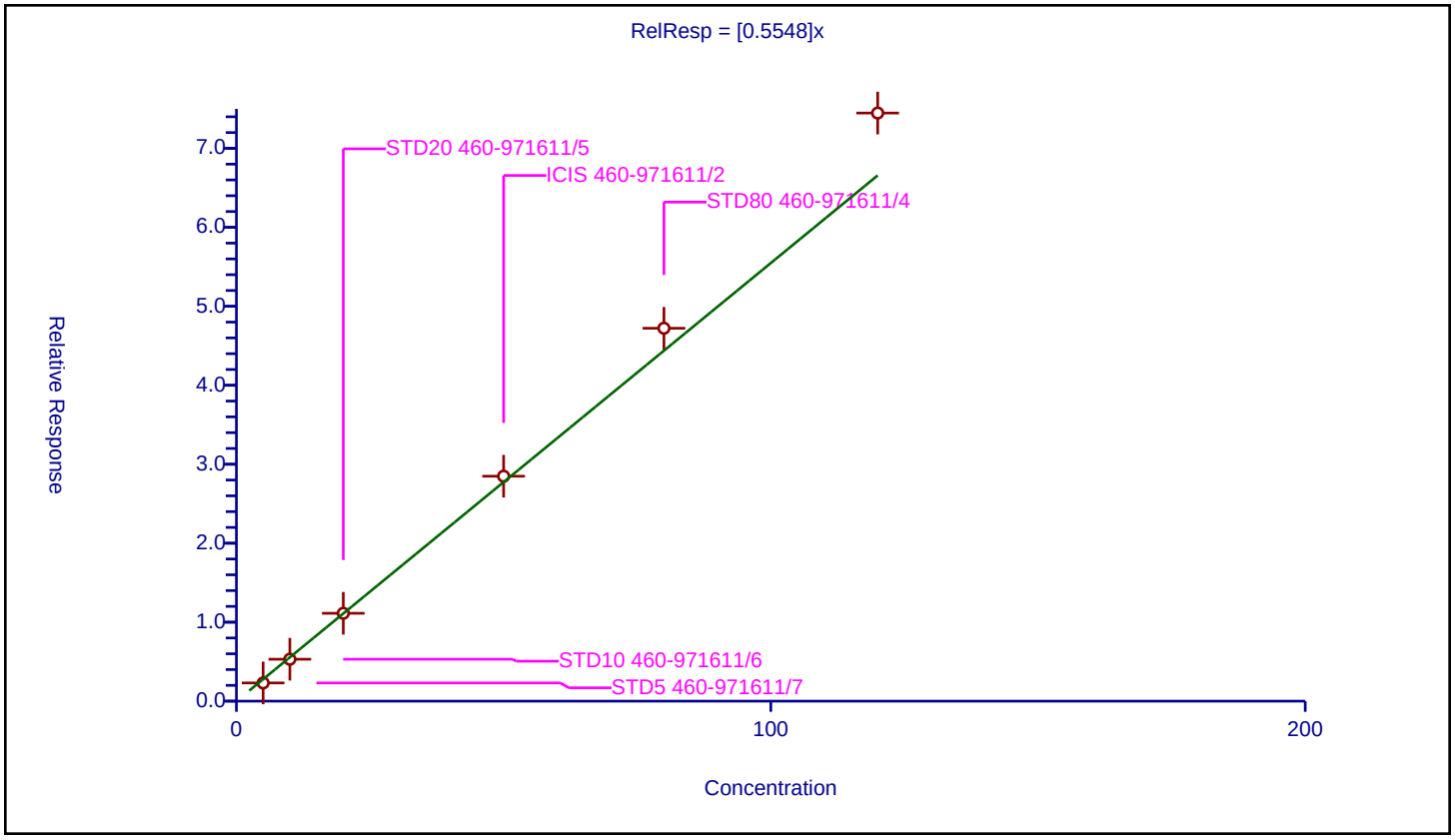
Curve Coefficients

Intercept:	0
Slope:	0.5548

Error Coefficients

Relative Standard Deviation:	9.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-971611/7	5.0	2.306533	40.0	904457.0	0.461307	Y
2	STD10 460-971611/6	10.0	5.306114	40.0	914824.0	0.530611	Y
3	STD20 460-971611/5	20.0	11.124243	40.0	904644.0	0.556212	Y
4	ICIS 460-971611/2	50.0	28.483772	40.0	954566.0	0.569675	Y
5	STD80 460-971611/4	80.0	47.221718	40.0	980210.0	0.590271	Y
6	STD120 460-971611/3	120.0	74.472949	40.0	886404.0	0.620608	Y



Calibration / Terphenyl-d14

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

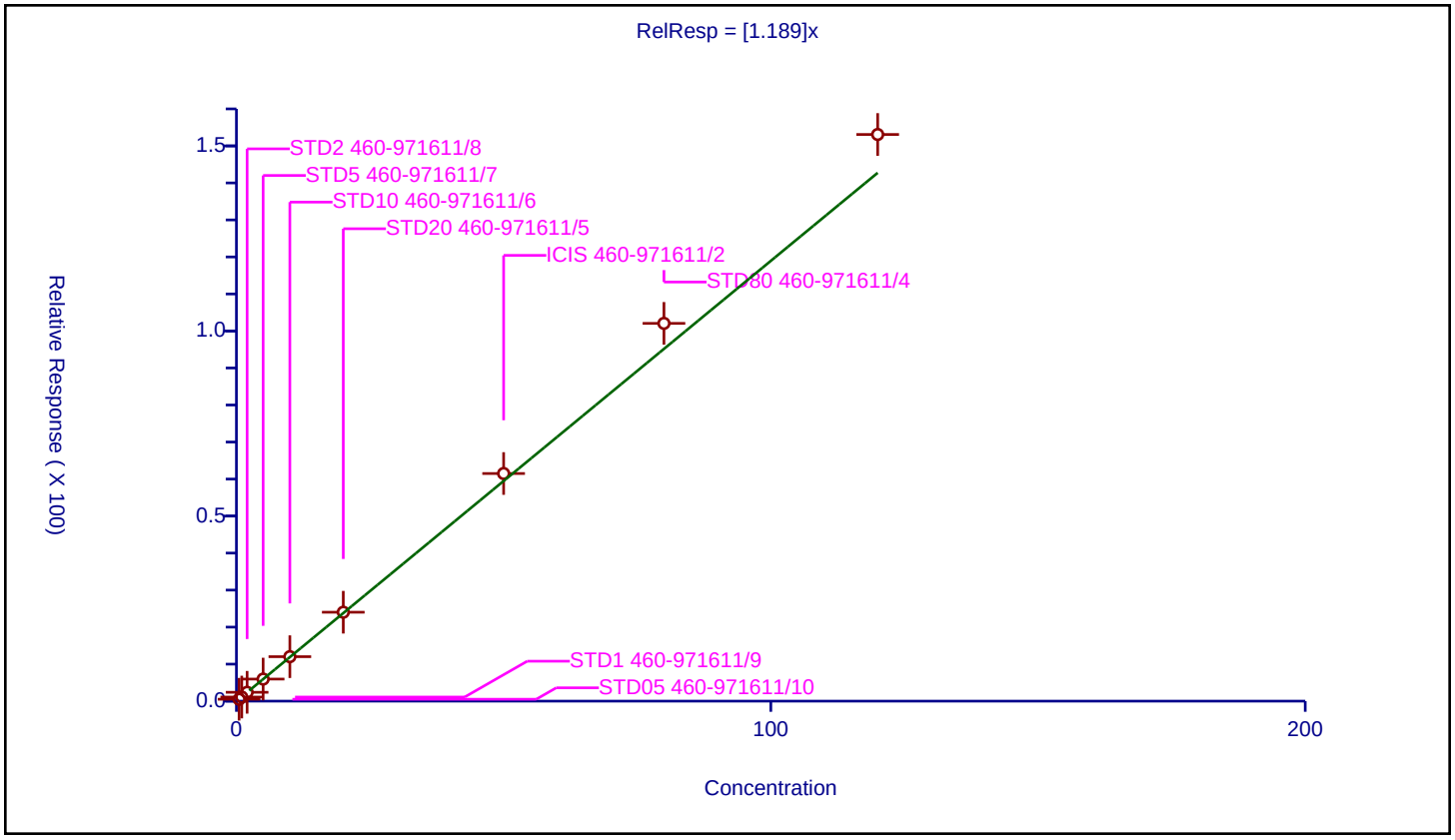
Curve Coefficients

Intercept:	0
Slope:	1.189

Error Coefficients

Relative Standard Deviation:	6.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-971611/10	0.5	0.513131	40.0	849062.0	1.026262	Y
2	STD1 460-971611/9	1.0	1.10488	40.0	854355.0	1.10488	Y
3	STD2 460-971611/8	2.0	2.395378	40.0	860858.0	1.197689	Y
4	STD5 460-971611/7	5.0	5.960394	40.0	904457.0	1.192079	Y
5	STD10 460-971611/6	10.0	12.015426	40.0	914824.0	1.201543	Y
6	STD20 460-971611/5	20.0	24.021206	40.0	904644.0	1.20106	Y
7	ICIS 460-971611/2	50.0	61.495339	40.0	954566.0	1.229907	Y
8	STD80 460-971611/4	80.0	102.057314	40.0	980210.0	1.275716	Y
9	STD120 460-971611/3	120.0	153.084553	40.0	886404.0	1.275705	Y



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Calibration / Butyl benzyl phthalate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

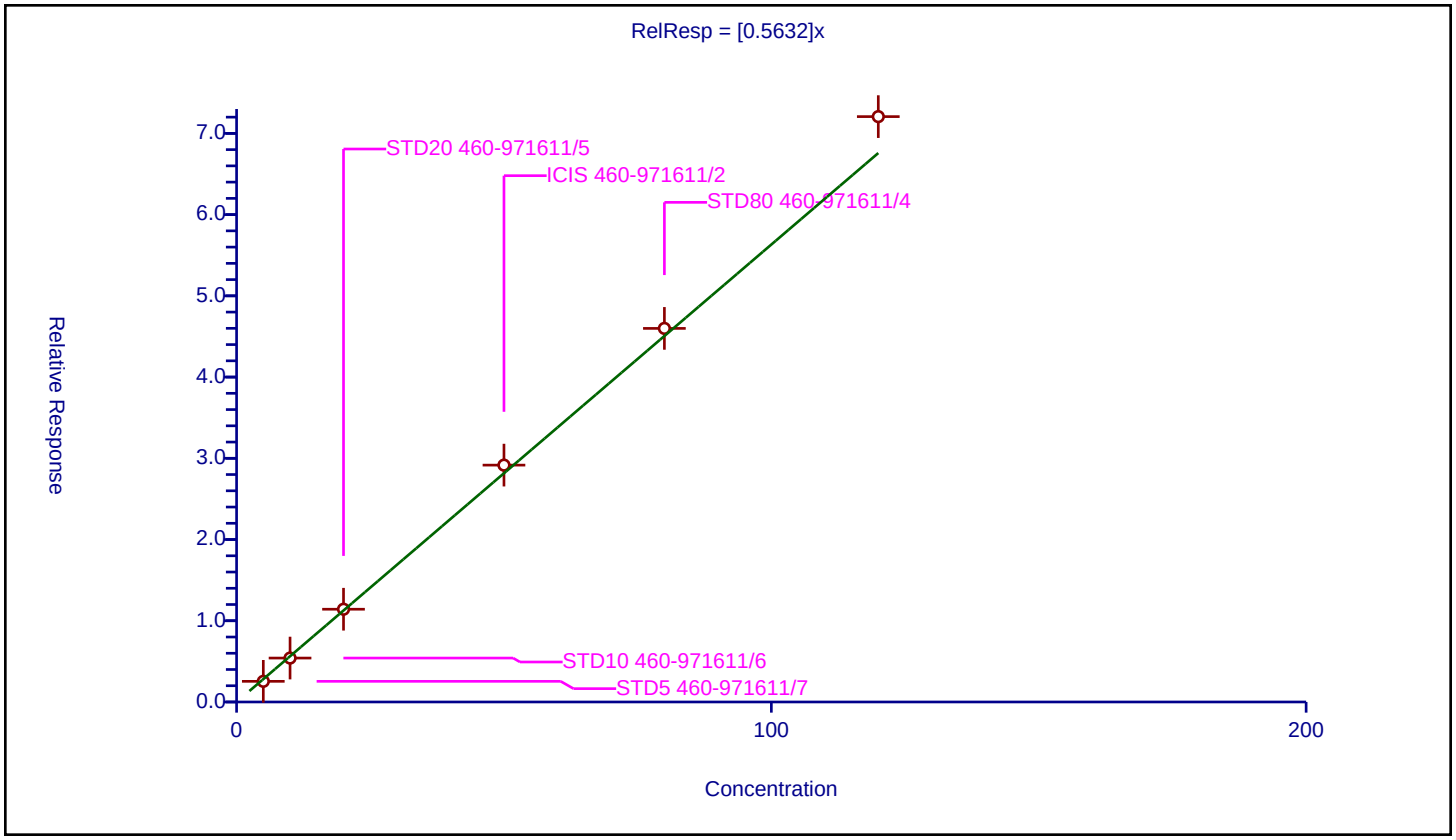
Curve Coefficients

Intercept:	0
Slope:	0.5632

Error Coefficients

Relative Standard Deviation:	5.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-971611/7	5.0	2.54252	40.0	904457.0	0.508504	Y
2	STD10 460-971611/6	10.0	5.408691	40.0	914824.0	0.540869	Y
3	STD20 460-971611/5	20.0	11.419122	40.0	904644.0	0.570956	Y
4	ICIS 460-971611/2	50.0	29.16031	40.0	954566.0	0.583206	Y
5	STD80 460-971611/4	80.0	45.992185	40.0	980210.0	0.574902	Y
6	STD120 460-971611/3	120.0	72.065063	40.0	886404.0	0.600542	Y



Calibration / 2,3,7,8-TCDD

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

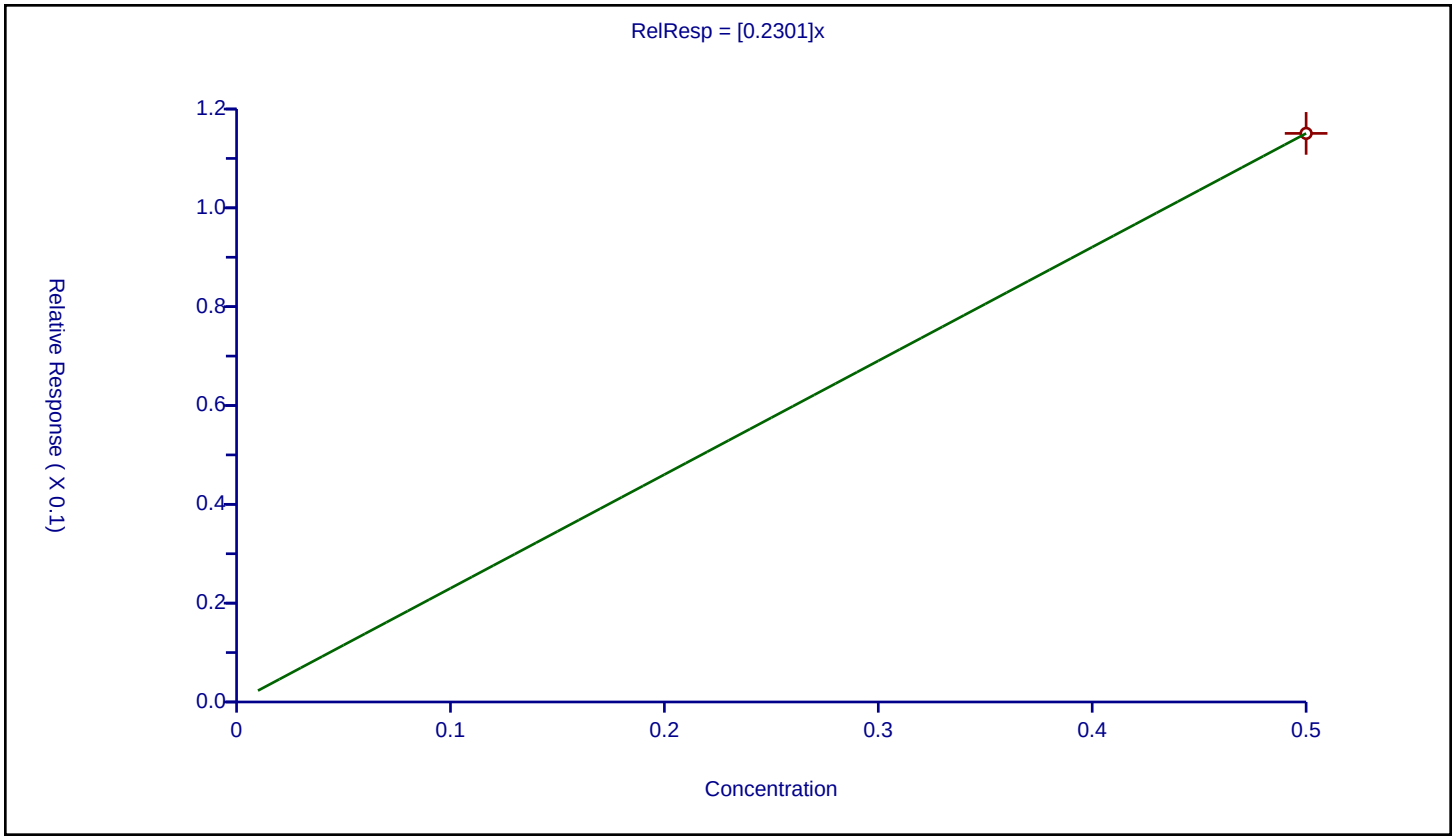
Curve Coefficients

Intercept:	0
Slope:	0.2301

Error Coefficients

Relative Standard Deviation:	0.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	ICIS 460-971611/2	0.5	0.115068	40.0	954566.0	0.230136	Y



Calibration / Carbamazepine

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

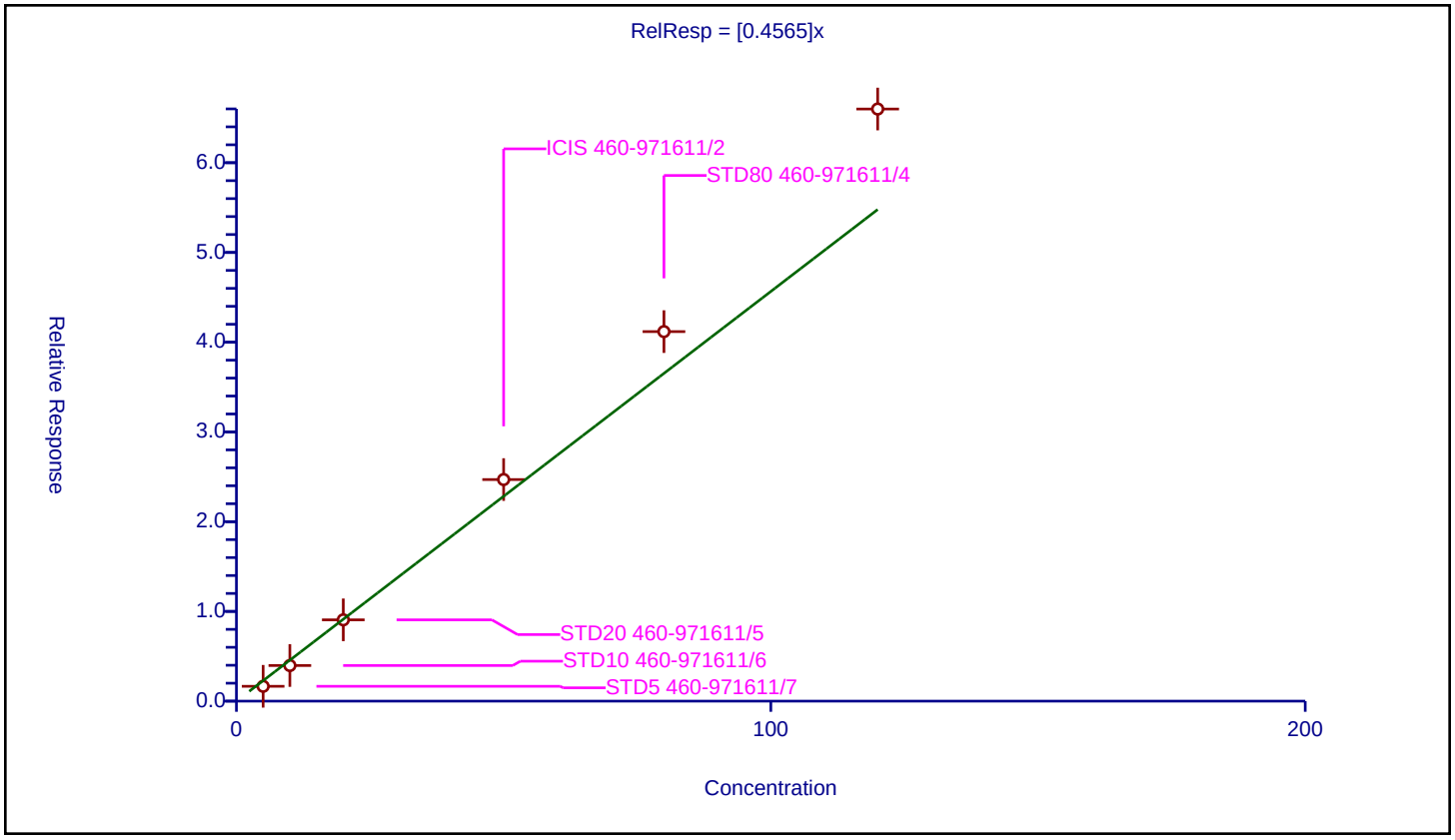
Curve Coefficients

Intercept:	0
Slope:	0.4565

Error Coefficients

Relative Standard Deviation:	17.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-971611/7	5.0	1.654252	40.0	904457.0	0.33085	Y
2	STD10 460-971611/6	10.0	3.969157	40.0	914824.0	0.396916	Y
3	STD20 460-971611/5	20.0	9.060448	40.0	904644.0	0.453022	Y
4	ICIS 460-971611/2	50.0	24.693693	40.0	954566.0	0.493874	Y
5	STD80 460-971611/4	80.0	41.180808	40.0	980210.0	0.51476	Y
6	STD120 460-971611/3	120.0	65.984269	40.0	886404.0	0.549869	Y



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Calibration / 3,3'-Dichlorobenzidine

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

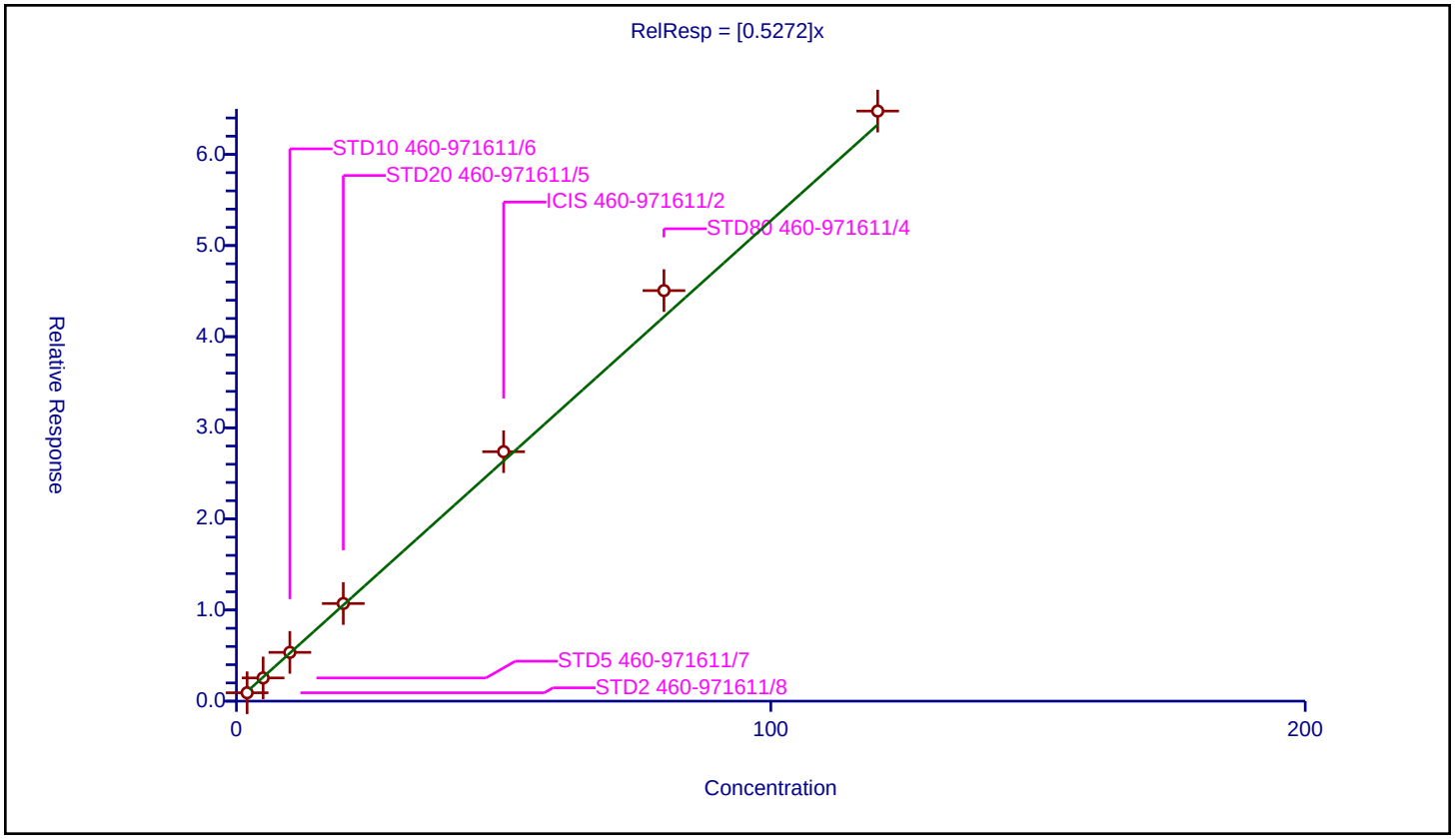
Curve Coefficients

Intercept:	0
Slope:	0.5272

Error Coefficients

Relative Standard Deviation:	6.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD2 460-971611/8	2.0	0.919548	40.0	860858.0	0.459774	Y
2	STD5 460-971611/7	5.0	2.547517	40.0	904457.0	0.509503	Y
3	STD10 460-971611/6	10.0	5.35303	40.0	914824.0	0.535303	Y
4	STD20 460-971611/5	20.0	10.713607	40.0	904644.0	0.53568	Y
5	ICIS 460-971611/2	50.0	27.377845	40.0	954566.0	0.547557	Y
6	STD80 460-971611/4	80.0	45.057814	40.0	980210.0	0.563223	Y
7	STD120 460-971611/3	120.0	64.759049	40.0	886404.0	0.539659	Y



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Calibration / Benzo[a]anthracene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

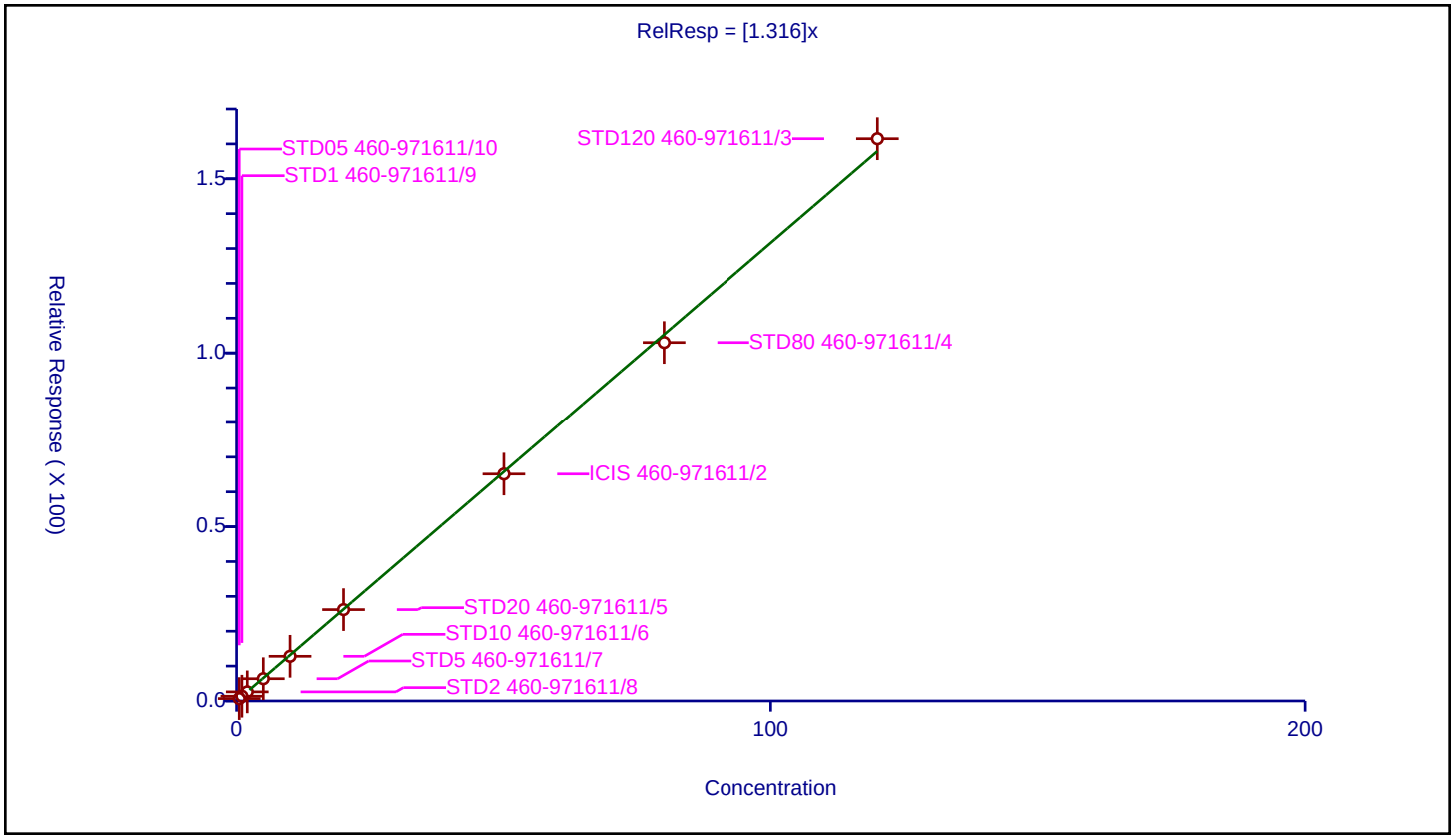
Curve Coefficients

Intercept:	0
Slope:	1.316

Error Coefficients

Relative Standard Deviation:	2.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-971611/10	0.5	0.685274	40.0	849062.0	1.370548	Y
2	STD1 460-971611/9	1.0	1.365662	40.0	854355.0	1.365662	Y
3	STD2 460-971611/8	2.0	2.611302	40.0	860858.0	1.305651	Y
4	STD5 460-971611/7	5.0	6.376025	40.0	904457.0	1.275205	Y
5	STD10 460-971611/6	10.0	12.811557	40.0	914824.0	1.281156	Y
6	STD20 460-971611/5	20.0	26.20076	40.0	904644.0	1.310038	Y
7	ICIS 460-971611/2	50.0	65.150781	40.0	954566.0	1.303016	Y
8	STD80 460-971611/4	80.0	102.998908	40.0	980210.0	1.287486	Y
9	STD120 460-971611/3	120.0	161.4916	40.0	886404.0	1.345763	Y



Calibration / Chrysene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

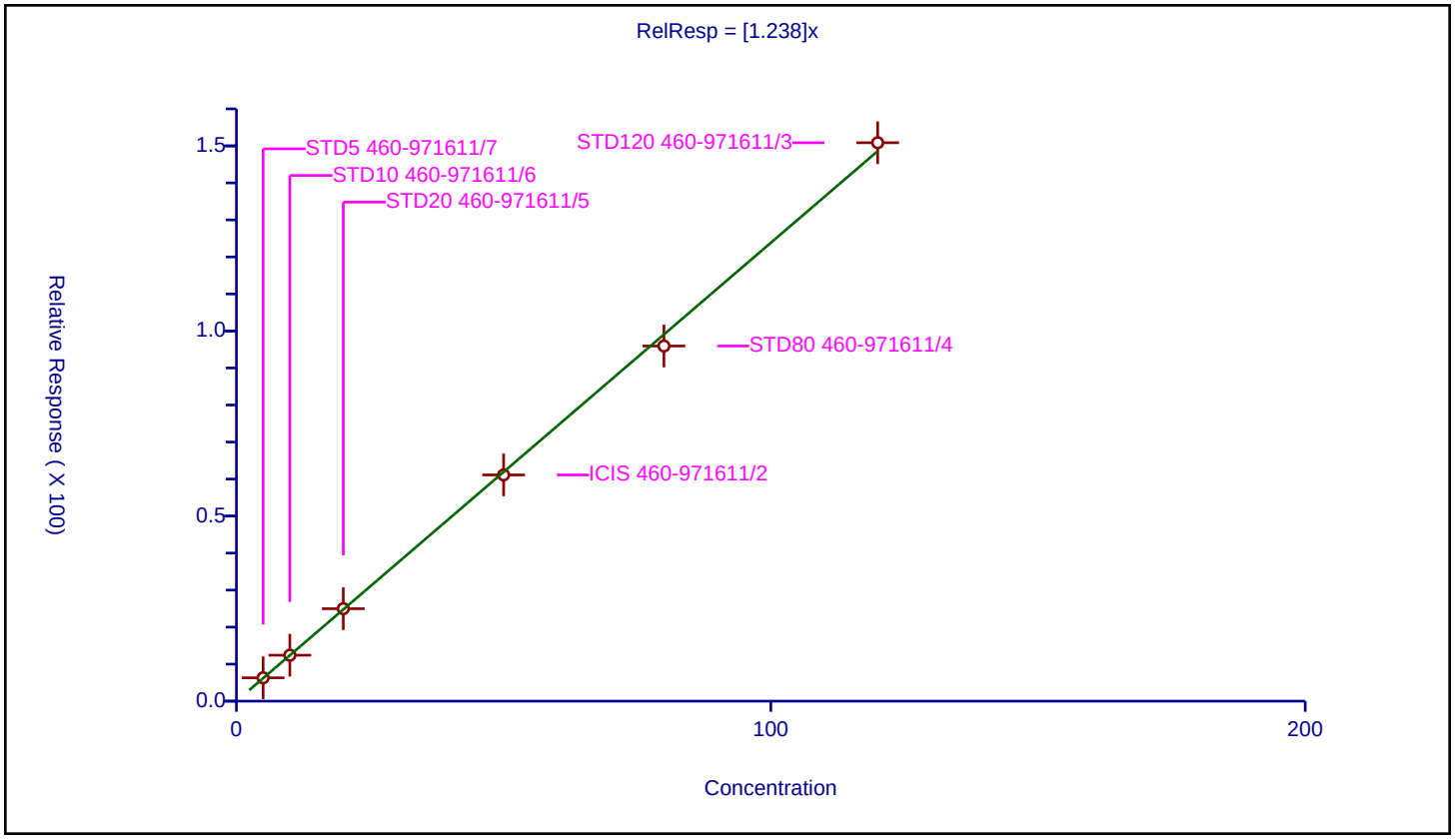
Curve Coefficients

Intercept:	0
Slope:	1.238

Error Coefficients

Relative Standard Deviation:	1.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-971611/7	5.0	6.305087	40.0	904457.0	1.261017	Y
2	STD10 460-971611/6	10.0	12.409294	40.0	914824.0	1.240929	Y
3	STD20 460-971611/5	20.0	24.974288	40.0	904644.0	1.248714	Y
4	ICIS 460-971611/2	50.0	61.112045	40.0	954566.0	1.222241	Y
5	STD80 460-971611/4	80.0	95.940176	40.0	980210.0	1.199252	Y
6	STD120 460-971611/3	120.0	150.857352	40.0	886404.0	1.257145	Y



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Calibration / Bis(2-ethylhexyl) phthalate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

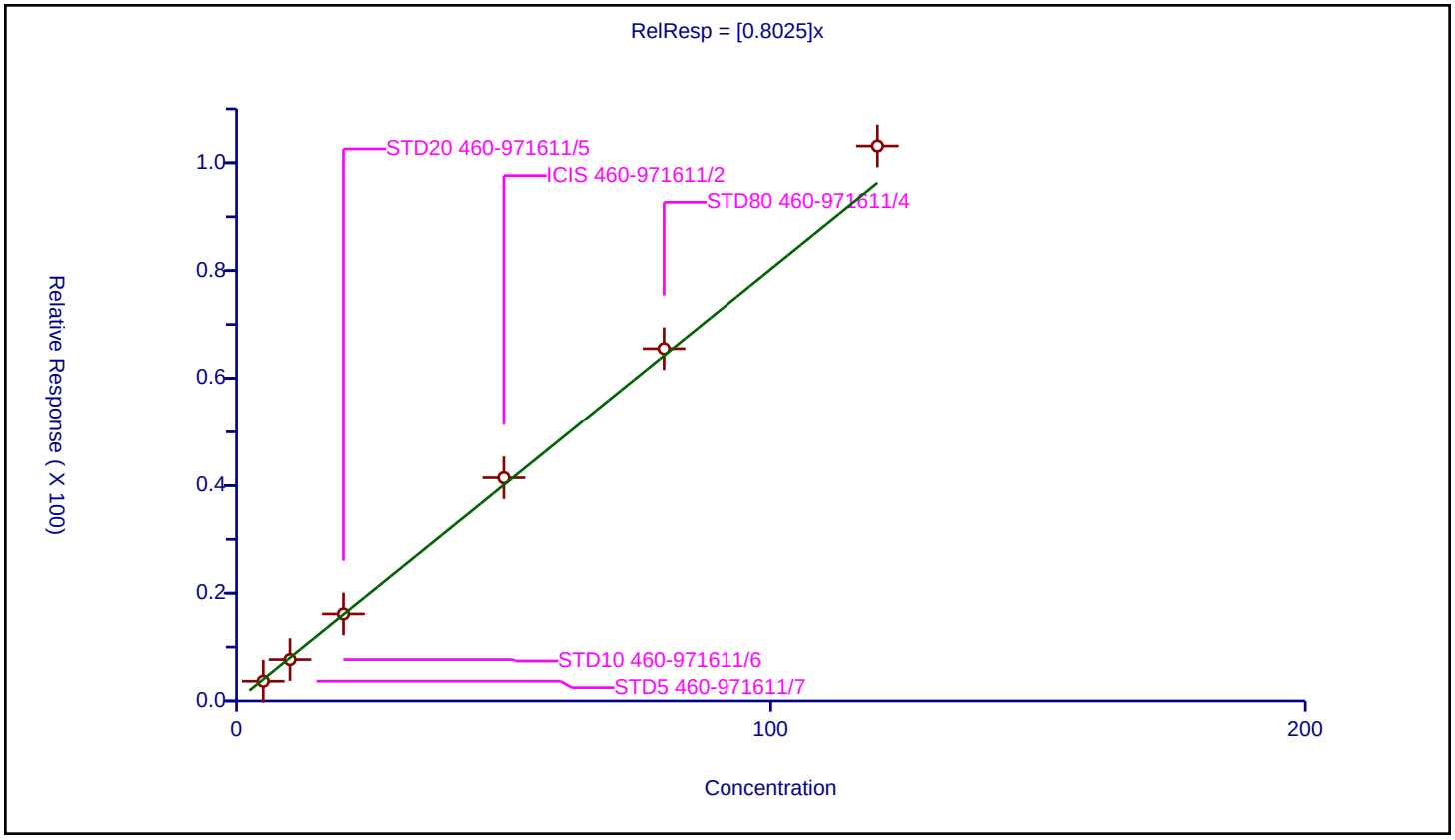
Curve Coefficients

Intercept:	0
Slope:	0.8025

Error Coefficients

Relative Standard Deviation:	5.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-971611/7	5.0	3.662662	40.0	904457.0	0.732532	Y
2	STD10 460-971611/6	10.0	7.682177	40.0	914824.0	0.768218	Y
3	STD20 460-971611/5	20.0	16.144782	40.0	904644.0	0.807239	Y
4	ICIS 460-971611/2	50.0	41.458087	40.0	954566.0	0.829162	Y
5	STD80 460-971611/4	80.0	65.493435	40.0	980210.0	0.818668	Y
6	STD120 460-971611/3	120.0	103.126159	40.0	886404.0	0.859385	Y



Calibration / Di-n-octyl phthalate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

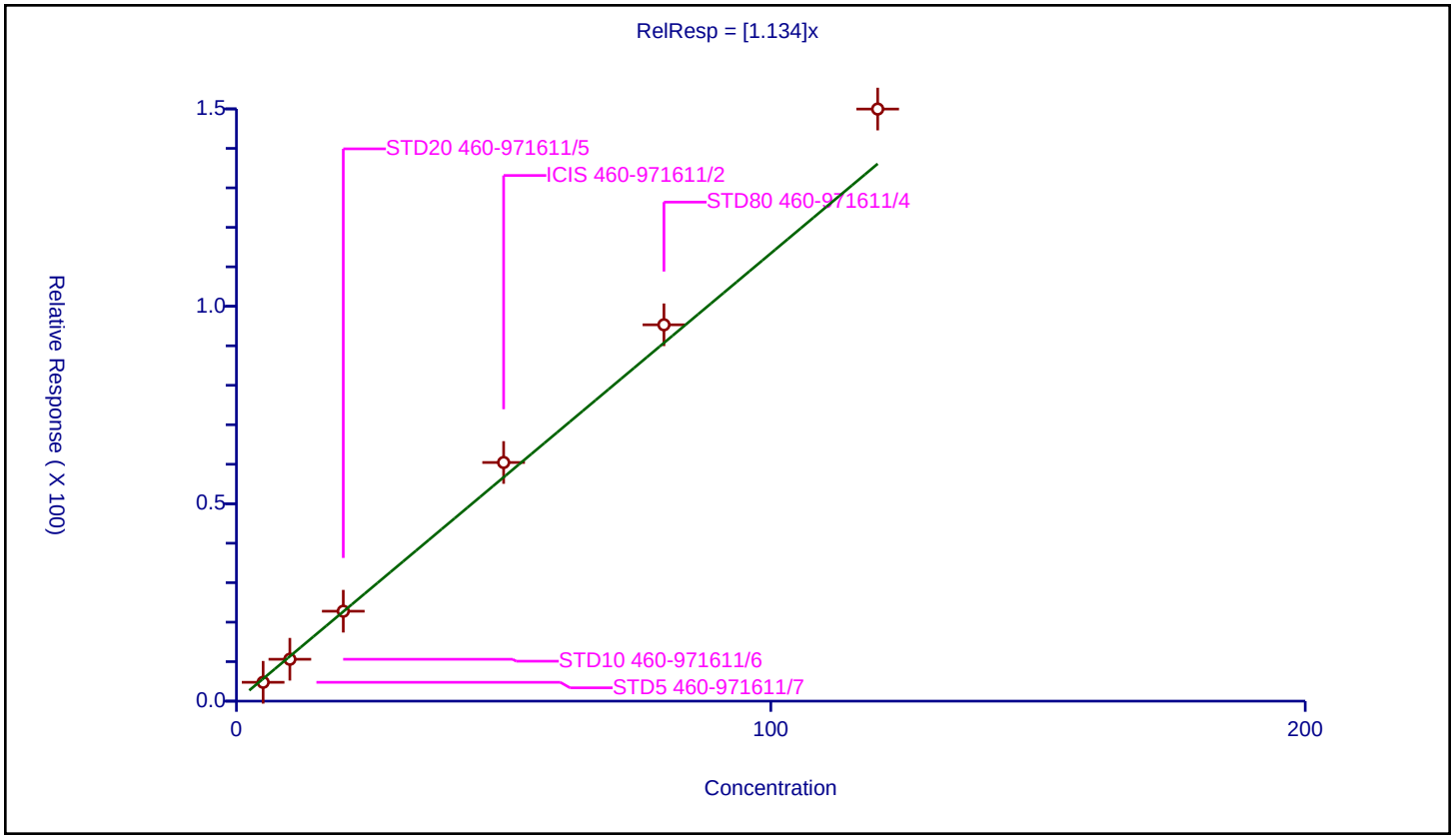
Curve Coefficients

Intercept:	0
Slope:	1.134

Error Coefficients

Relative Standard Deviation:	9.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-971611/7	5.0	4.775332	40.0	1051395.0	0.955066	Y
2	STD10 460-971611/6	10.0	10.606923	40.0	1045717.0	1.060692	Y
3	STD20 460-971611/5	20.0	22.77723	40.0	1042067.0	1.138862	Y
4	ICIS 460-971611/2	50.0	60.446587	40.0	1093360.0	1.208932	Y
5	STD80 460-971611/4	80.0	95.322796	40.0	1129551.0	1.191535	Y
6	STD120 460-971611/3	120.0	149.96058	40.0	1031207.0	1.249672	Y



Calibration / Benzo[b]fluoranthene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

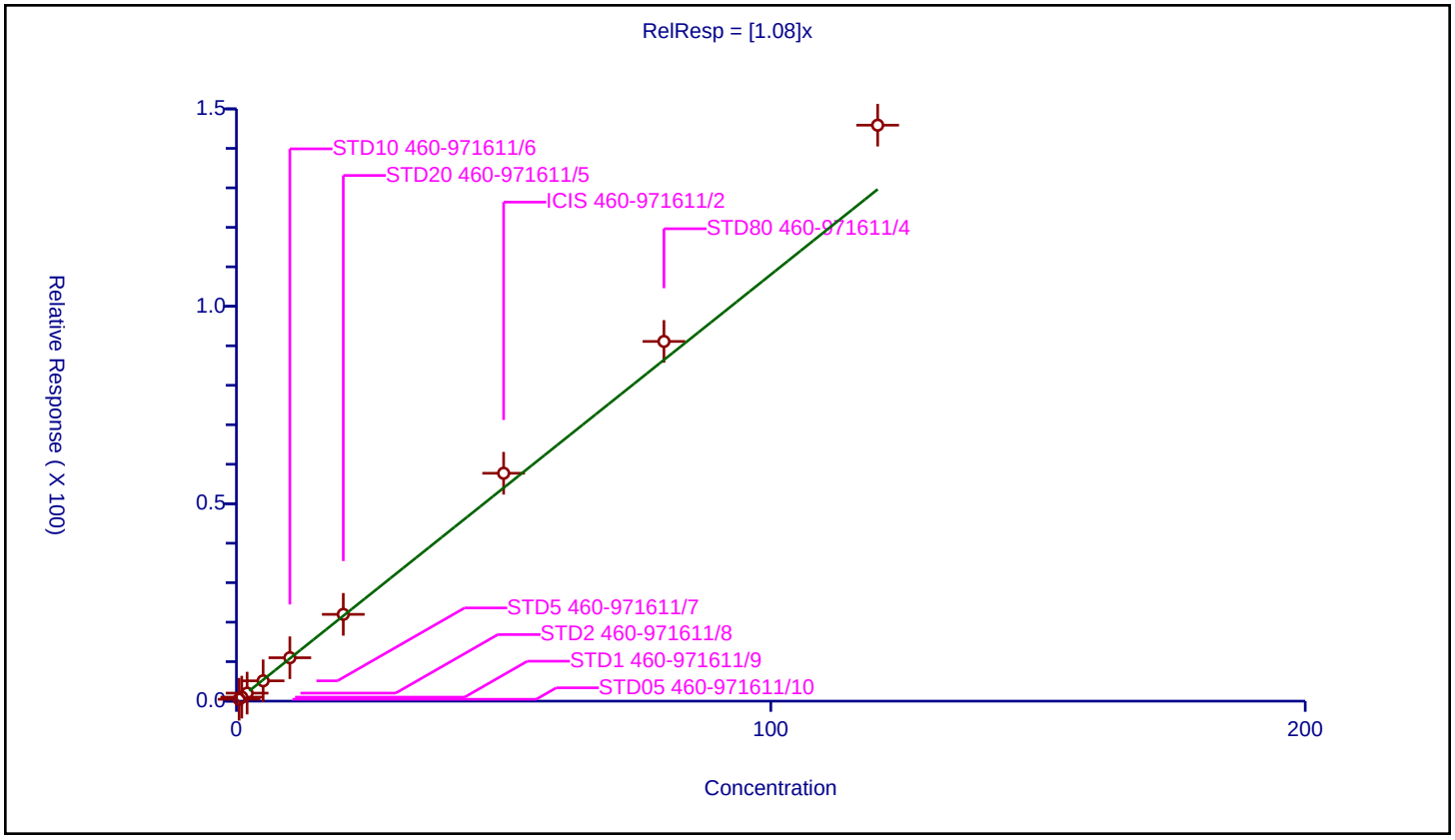
Curve Coefficients

Intercept:	0
Slope:	1.08

Error Coefficients

Relative Standard Deviation:	7.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-971611/10	0.5	0.476462	40.0	981904.0	0.952924	Y
2	STD1 460-971611/9	1.0	1.018421	40.0	988982.0	1.018421	Y
3	STD2 460-971611/8	2.0	2.030615	40.0	1004878.0	1.015307	Y
4	STD5 460-971611/7	5.0	5.145507	40.0	1051395.0	1.029101	Y
5	STD10 460-971611/6	10.0	10.993223	40.0	1045717.0	1.099322	Y
6	STD20 460-971611/5	20.0	21.981389	40.0	1042067.0	1.099069	Y
7	ICIS 460-971611/2	50.0	57.719214	40.0	1093360.0	1.154384	Y
8	STD80 460-971611/4	80.0	91.102535	40.0	1129551.0	1.138782	Y
9	STD120 460-971611/3	120.0	145.877171	40.0	1031207.0	1.215643	Y



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Calibration / Benzo[k]fluoranthene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

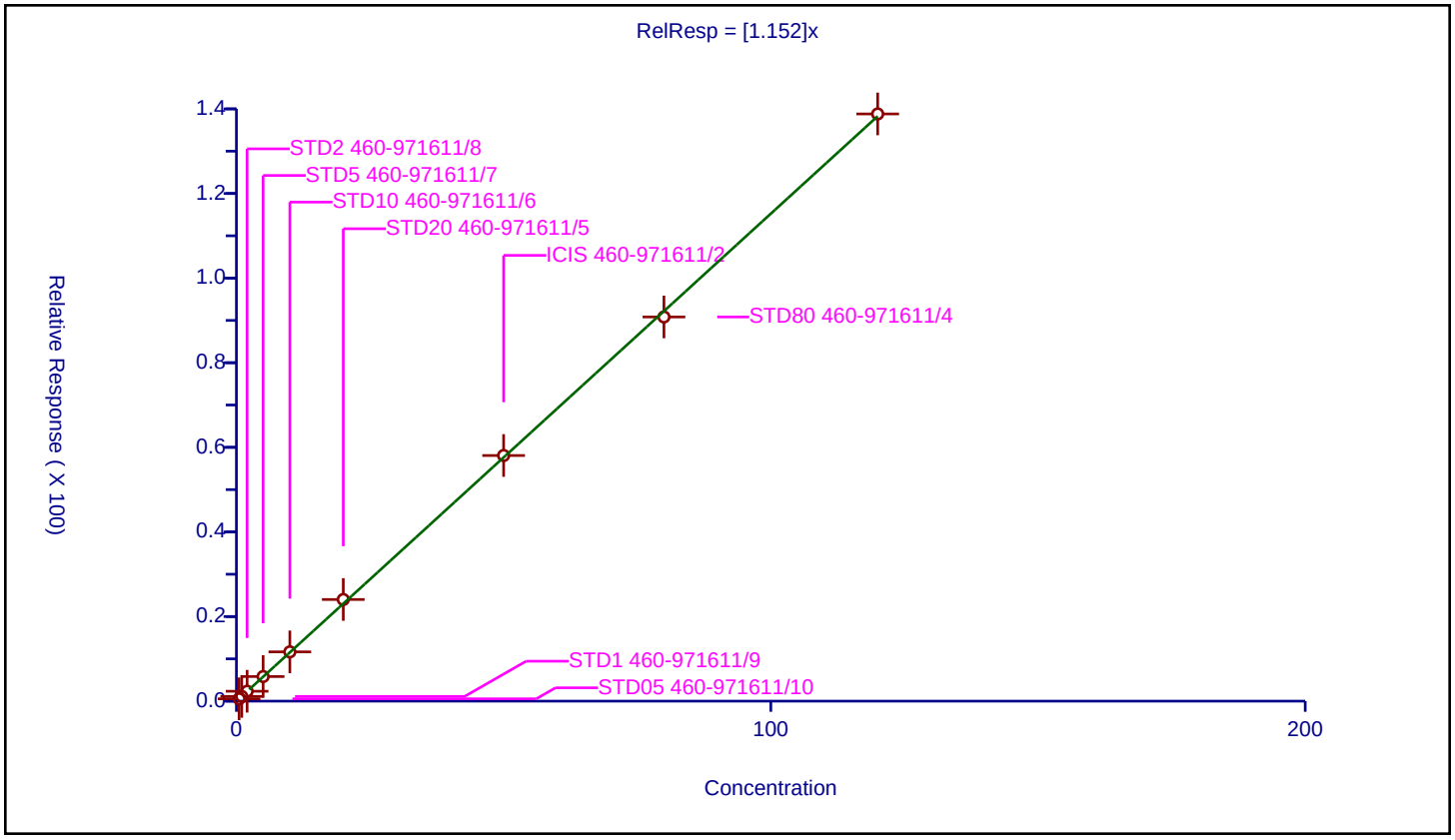
Curve Coefficients

Intercept:	0
Slope:	1.152

Error Coefficients

Relative Standard Deviation:	2.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-971611/10	0.5	0.55097	40.0	981904.0	1.101941	Y
2	STD1 460-971611/9	1.0	1.115652	40.0	988982.0	1.115652	Y
3	STD2 460-971611/8	2.0	2.340384	40.0	1004878.0	1.170192	Y
4	STD5 460-971611/7	5.0	5.817338	40.0	1051395.0	1.163468	Y
5	STD10 460-971611/6	10.0	11.650035	40.0	1045717.0	1.165004	Y
6	STD20 460-971611/5	20.0	24.02548	40.0	1042067.0	1.201274	Y
7	ICIS 460-971611/2	50.0	58.064023	40.0	1093360.0	1.16128	Y
8	STD80 460-971611/4	80.0	90.815837	40.0	1129551.0	1.135198	Y
9	STD120 460-971611/3	120.0	138.804643	40.0	1031207.0	1.156705	Y



Calibration / Benzo[a]pyrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

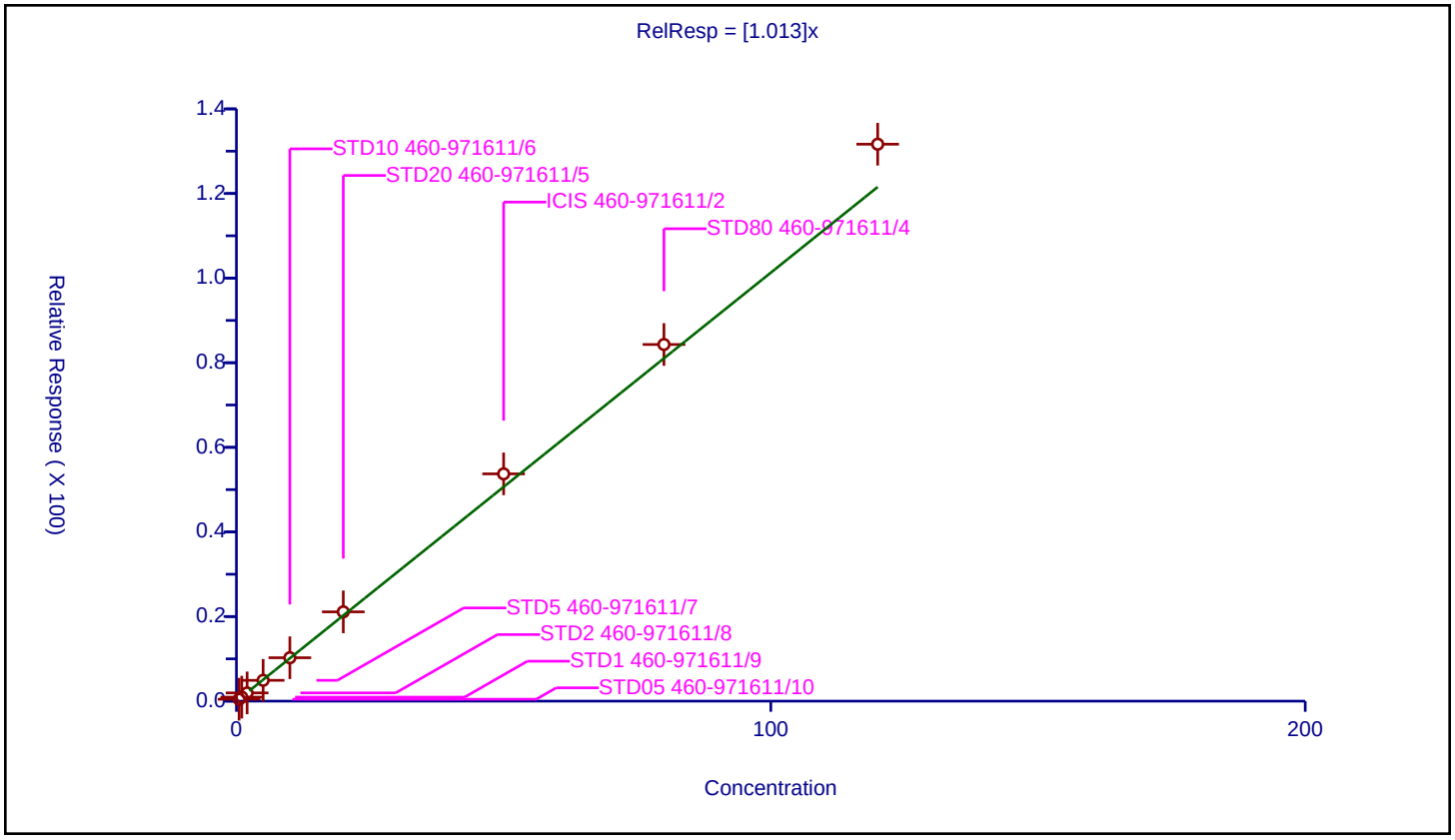
Curve Coefficients

Intercept:	0
Slope:	1.013

Error Coefficients

Relative Standard Deviation:	6.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-971611/10	0.5	0.451205	40.0	981904.0	0.90241	Y
2	STD1 460-971611/9	1.0	0.949138	40.0	988982.0	0.949138	Y
3	STD2 460-971611/8	2.0	1.947102	40.0	1004878.0	0.973551	Y
4	STD5 460-971611/7	5.0	4.918152	40.0	1051395.0	0.98363	Y
5	STD10 460-971611/6	10.0	10.259525	40.0	1045717.0	1.025953	Y
6	STD20 460-971611/5	20.0	21.107779	40.0	1042067.0	1.055389	Y
7	ICIS 460-971611/2	50.0	53.726933	40.0	1093360.0	1.074539	Y
8	STD80 460-971611/4	80.0	84.308402	40.0	1129551.0	1.053855	Y
9	STD120 460-971611/3	120.0	131.65314	40.0	1031207.0	1.09711	Y



7/9/2024
8:32:15 AM

Calibration / Indeno[1,2,3-cd]pyrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

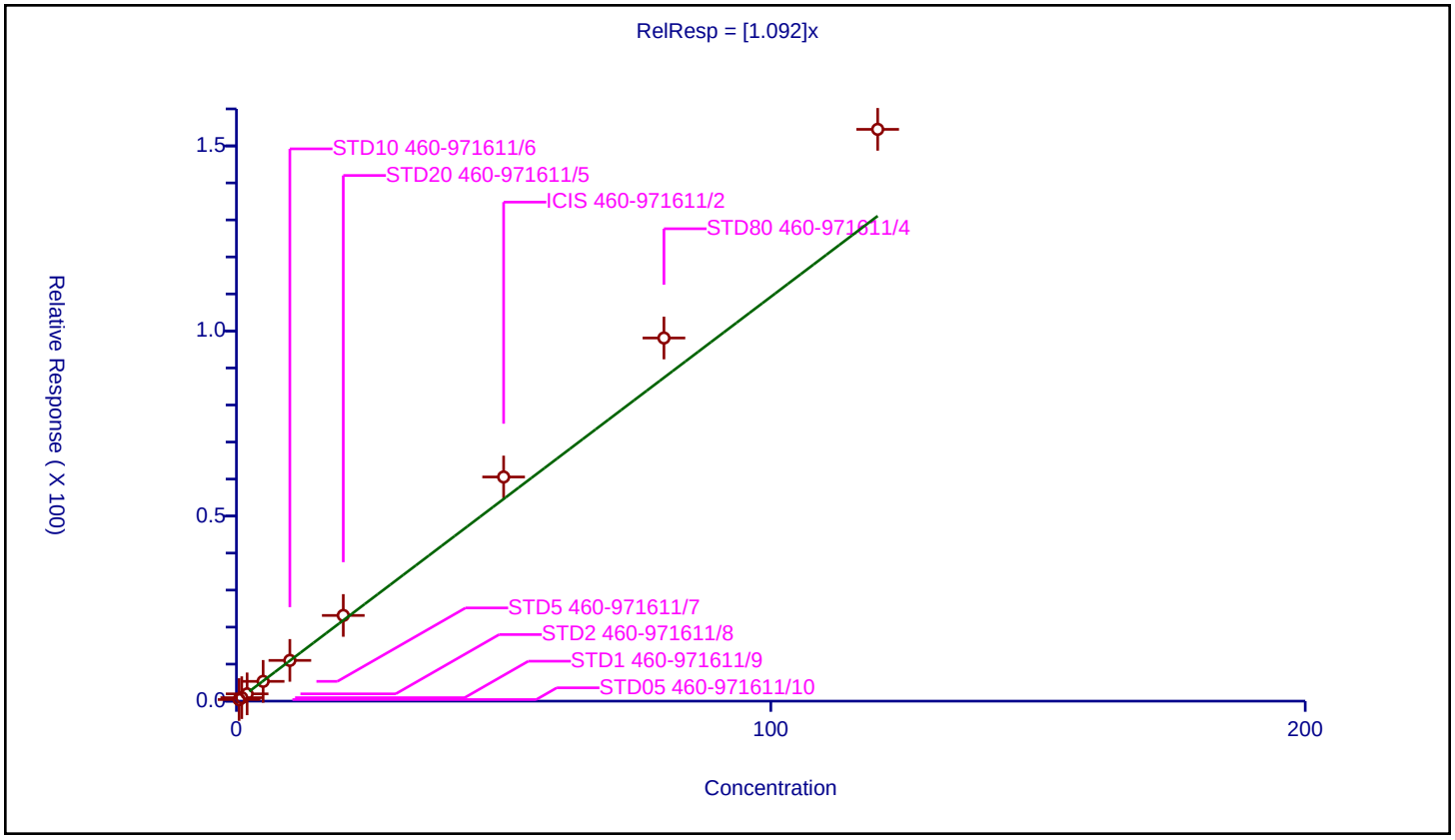
Curve Coefficients

Intercept:	0
Slope:	1.092

Error Coefficients

Relative Standard Deviation:	13.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-971611/10	0.5	0.427129	40.0	981904.0	0.854259	Y
2	STD1 460-971611/9	1.0	0.940684	40.0	988982.0	0.940684	Y
3	STD2 460-971611/8	2.0	1.967721	40.0	1004878.0	0.983861	Y
4	STD5 460-971611/7	5.0	5.342806	40.0	1051395.0	1.068561	Y
5	STD10 460-971611/6	10.0	11.007108	40.0	1045717.0	1.100711	Y
6	STD20 460-971611/5	20.0	23.153521	40.0	1042067.0	1.157676	Y
7	ICIS 460-971611/2	50.0	60.558901	40.0	1093360.0	1.211178	Y
8	STD80 460-971611/4	80.0	98.103441	40.0	1129551.0	1.226293	Y
9	STD120 460-971611/3	120.0	154.474204	40.0	1031207.0	1.287285	Y



7/9/2024
8:32:15 AM

Calibration / Dibenz(a,h)anthracene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

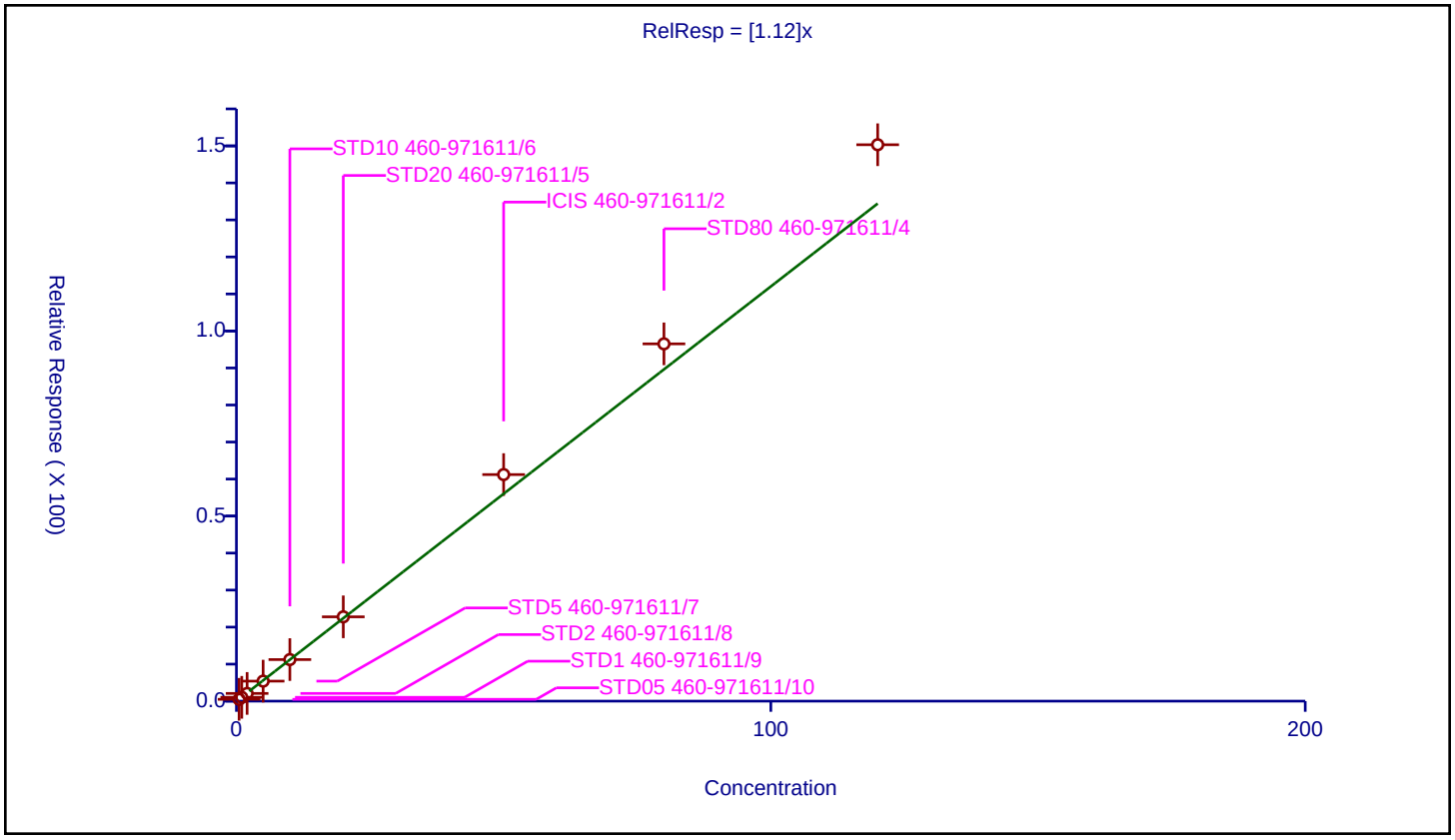
Curve Coefficients

Intercept:	0
Slope:	1.12

Error Coefficients

Relative Standard Deviation:	8.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-971611/10	0.5	0.489661	40.0	981904.0	0.979322	Y
2	STD1 460-971611/9	1.0	1.033467	40.0	988982.0	1.033467	Y
3	STD2 460-971611/8	2.0	2.085467	40.0	1004878.0	1.042734	Y
4	STD5 460-971611/7	5.0	5.404058	40.0	1051395.0	1.080812	Y
5	STD10 460-971611/6	10.0	11.231299	40.0	1045717.0	1.12313	Y
6	STD20 460-971611/5	20.0	22.780301	40.0	1042067.0	1.139015	Y
7	ICIS 460-971611/2	50.0	61.210068	40.0	1093360.0	1.224201	Y
8	STD80 460-971611/4	80.0	96.521397	40.0	1129551.0	1.206517	Y
9	STD120 460-971611/3	120.0	150.31628	40.0	1031207.0	1.252636	Y



7/9/2024
8:32:15 AM

Calibration / Benzo[g,h,i]perylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

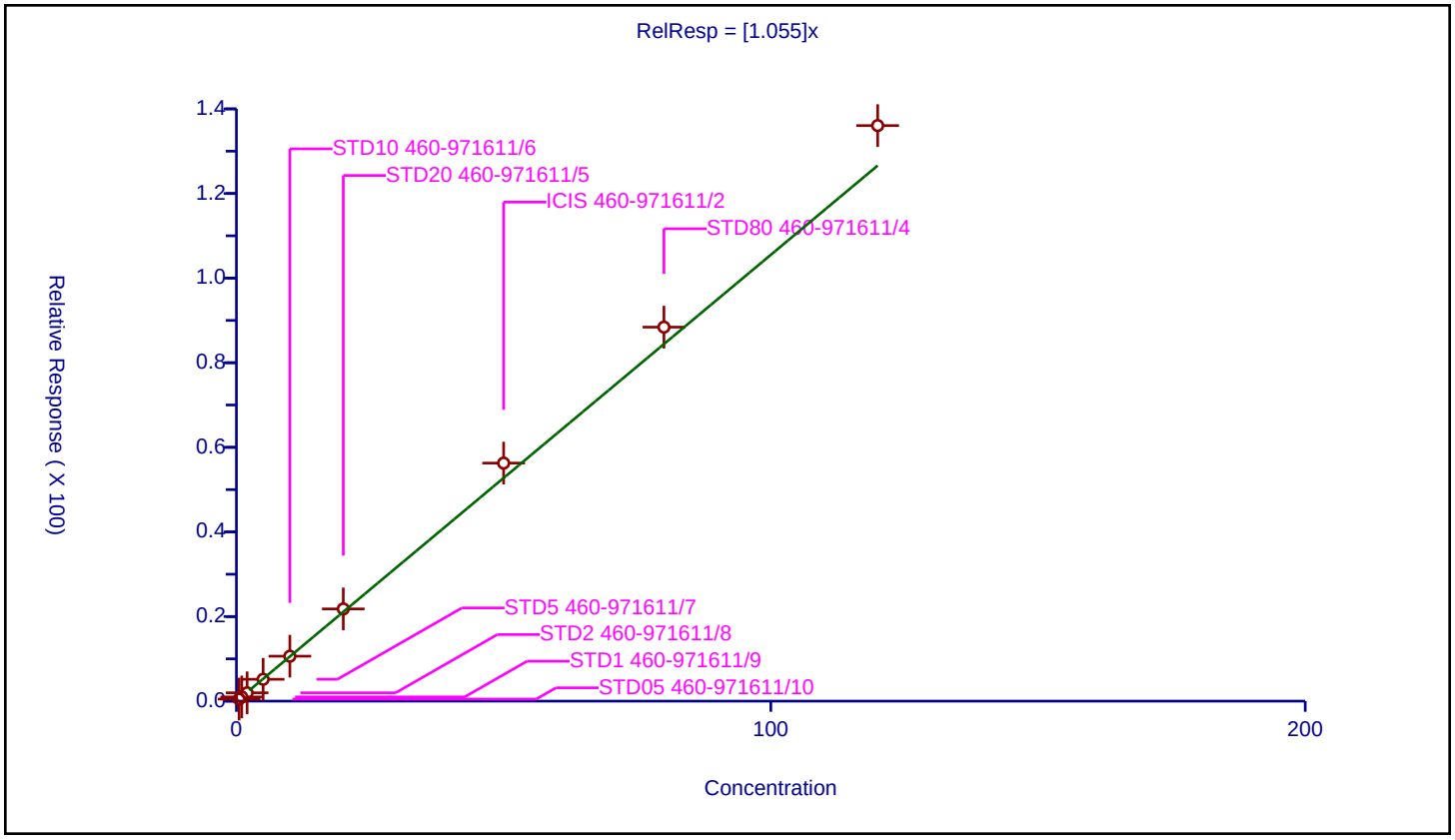
Curve Coefficients

Intercept:	0
Slope:	1.055

Error Coefficients

Relative Standard Deviation:	6.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-971611/10	0.5	0.484772	40.0	981904.0	0.969545	Y
2	STD1 460-971611/9	1.0	0.989664	40.0	988982.0	0.989664	Y
3	STD2 460-971611/8	2.0	1.972896	40.0	1004878.0	0.986448	Y
4	STD5 460-971611/7	5.0	5.164149	40.0	1051395.0	1.03283	Y
5	STD10 460-971611/6	10.0	10.625934	40.0	1045717.0	1.062593	Y
6	STD20 460-971611/5	20.0	21.799213	40.0	1042067.0	1.089961	Y
7	ICIS 460-971611/2	50.0	56.26981	40.0	1093360.0	1.125396	Y
8	STD80 460-971611/4	80.0	88.411661	40.0	1129551.0	1.105146	Y
9	STD120 460-971611/3	120.0	136.054507	40.0	1031207.0	1.133788	Y



7/9/2024
8:32:15 AM

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-303245-1 Analy Batch No.: 969996

SDG No.:

Instrument ID: CBNAMS18 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/17/2024 12:39 Calibration End Date: 04/17/2024 18:18 Calibration ID: 96708

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD01 460-969996/10	P84792.D
Level 2	STD02 460-969996/9	P84790.D
Level 3	STD04 460-969996/8	P84788.D
Level 4	STD1 460-969996/7	P84786.D
Level 5	STD2 460-969996/6	P84784.D
Level 6	STD4 460-969996/5	P84782.D
Level 7	ICIS 460-969996/11	P84794.D
Level 8	STD16 460-969996/4	P84780.D
Level 9	STD24 460-969996/3	P84778.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,4-Dioxane	0.4267 0.4985	0.4639 0.5058	0.5039	0.5125 0.5454	0.5257	Ave		0.4978			0.0100	7.4		20.0			
N-Nitrosodimethylamine	0.8002	0.7611	0.7873	0.7203 0.8384	0.7666	Ave		0.7790			0.0100	5.1		20.0			
Pyridine	0.8901 1.2440	1.0403 1.1396	1.2032	1.1096 1.2996	1.1646	Ave		1.1364			0.0100	11.2		20.0			
Benzaldehyde	0.9872	0.9785 1.0373	0.9588 1.0087	0.9893 0.9934	0.9715	Ave		0.9906			0.0100	2.4		20.0			
Aniline	1.6769	1.7320	1.5807	1.5983 1.6444	1.6603	Ave		1.6488			0.0100	3.3		20.0			
Phenol	1.6571	1.6844	1.6530	1.5519 1.7782	1.5852	Ave		1.6516			0.8000	4.8		20.0			
Bis(2-chloroethyl)ether	1.1035 1.2098	1.2004 1.1973	1.1887	1.1798 1.2945	1.1753	Ave		1.1937			0.7000	4.4		20.0			
2-Chlorophenol	1.3086	1.3323	1.3003	1.2405 1.4235	1.2755	Ave		1.3134			0.8000	4.7		20.0			
n-Decane	0.9835	0.9902	0.9777	0.9658 1.0663	0.9767	Ave		0.9934			0.0100	3.7		20.0			
1,3-Dichlorobenzene	1.4939	1.5413	1.4886	1.4607 1.6282	1.4612	Ave		1.5123			0.0100	4.2		20.0			
1,4-Dichlorobenzene	1.5273	1.5747	1.5044	1.5060 1.6482	1.4981	Ave		1.5431			0.0100	3.8		20.0			
Benzyl alcohol	0.8343	0.8399	0.8663	0.7083 0.9457	0.7865	Ave		0.8302			0.0100	9.6		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-303245-1 Analy Batch No.: 969996

SDG No.:

Instrument ID: CBNAMS18 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/17/2024 12:39 Calibration End Date: 04/17/2024 18:18 Calibration ID: 96708

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,2-Dichlorobenzene	1.4742	1.5130	1.4785	1.4408 1.6390	1.4580	Ave		1.5006			0.0100	4.8		20.0			
2,2'-oxybis[1-chloropropane]	1.3277	1.2949	1.2879	1.3302 1.3865	1.3066	Ave		1.3223			0.0100	2.7		20.0			
2-Methylphenol	1.1644	1.1917	1.1679	1.0828 1.2541	1.1028	Ave		1.1606			0.7000	5.3		20.0			
N-Methylaniline	1.1129 2.0058	1.5150 2.0890	2.0672	1.8953 2.2602	1.9500	Ave		1.8619			0.0100	19.9		20.0			
Acetophenone	1.8800	1.9302	1.9279	1.7767 2.1174	1.8500	Ave		1.9137			0.0100	6.0		20.0			
N-Nitrosodi-n-propylamine	0.6705 0.8691	0.7258 0.8613	0.8654	0.7921 0.9395	0.8564	Ave		0.8225			0.5000	10.7		20.0			
3 & 4 Methylphenol	1.2466	1.2613	1.2402	1.1687 1.3305	1.2079	Ave		1.2425			0.0100	4.4		20.0			
4-Methylphenol	1.2387	1.2577	1.2331	1.1687 1.3276	1.2079	Ave		1.2389			0.6000	4.3		20.0			
Hexachloroethane	0.4496 0.5423	0.5263 0.5618	0.5406	0.5188 0.5932	0.5439	Ave		0.5346			0.3000	7.7		20.0			
Nitrobenzene	0.5663 0.7005	0.5475 0.7107	0.7151	0.6844 0.7815	0.6517	Ave		0.6697			0.2000	11.8		20.0			
n,n'-Dimethylaniline	1.8570 2.0703	1.8743 2.2130	2.1765	2.0621 2.4295	2.0606	Ave		2.0929			0.0100	8.9		20.0			
Isophorone	0.5886	0.4834 0.5798	0.5870	0.5292 0.6247	0.5592	Ave		0.5646			0.4000	8.2		20.0			
2-Nitrophenol	0.1836	0.1853	0.1910	0.1638 0.2058	0.1738	Ave		0.1839			0.1000	7.8		20.0			
2,4-Dimethylphenol	0.2489	0.2468	0.2580	0.2256 0.2728	0.2335	Ave		0.2476			0.2000	6.8		20.0			
Bis(2-chloroethoxy)methane	0.3871	0.3820	0.3872	0.3578 0.4093	0.3695	Ave		0.3821			0.3000	4.6		20.0			
Benzoic acid	0.1637	0.1637	0.2013	0.0999 0.2098	0.1324	Lin2	-0.103	0.1954			0.0100				0.9900		0.9900
2,4-Dichlorophenol	0.2850	0.2926	0.2962	0.2508 0.3216	0.2688	Ave		0.2858			0.2000	8.5		20.0			
1,2,4-Trichlorobenzene	0.2813 0.3178	0.3014 0.3239	0.3248	0.3060 0.3547	0.3068	Ave		0.3146			0.0100	6.8		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-303245-1 Analy Batch No.: 969996

SDG No.:

Instrument ID: CBNAMS18 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/17/2024 12:39 Calibration End Date: 04/17/2024 18:18 Calibration ID: 96708

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Naphthalene	0.9747 1.0508	1.0076 1.0585	1.0541	1.0090 1.1250	1.0183	Ave		1.0373			0.7000	4.4		20.0			
4-Chloroaniline	0.2539 0.3630	0.2904 0.3786	0.3726	0.3454 0.3534	0.3625	Ave		0.3400			0.0100	13.0		20.0			
2,6-Dichlorophenol	0.2917	0.2985	0.3010	0.2574 0.3244	0.2750	Ave		0.2913				7.9		20.0			
Hexachlorobutadiene	0.1742 0.1800	0.1781 0.1856	0.1860	0.1789 0.2032	0.1767	Ave		0.1828			0.0100	5.0		20.0			
Caprolactam	0.0782	0.0431 0.0787	0.0534 0.0871	0.0578 0.0889	0.0727	Lin1	-0.013	0.0858			0.0100	13.3					
4-Chloro-3-methylphenol	0.2696	0.2684	0.2767	0.2374 0.2954	0.2533	Ave		0.2668			0.2000	7.4		20.0			
2-Methylnaphthalene	0.7126	0.6576 0.7118	0.7184	0.6879 0.7663	0.6955	Ave		0.7071			0.4000	4.7		20.0			
1-Methylnaphthalene	0.6618	0.6633 0.6481	0.6495	0.6331 0.7013	0.6497	Ave		0.6581			0.0100	3.3		20.0			
Hexachlorocyclopentadiene	0.3616	0.3754	0.4034	0.3188 0.4367	0.3392	Ave		0.3725			0.0500	11.5		20.0			
1,2,4,5-Tetrachlorobenzene	0.5648	0.5976	0.6133	0.5526 0.6529	0.5585	Ave		0.5900			0.0100	6.6		20.0			
2-tertbutyl-4-methylphenol	0.4083	0.3169 0.4256	0.4291	0.3685 0.4743	0.3945	Ave		0.4025			0.0100	12.4		20.0			
2,4,6-Trichlorophenol	0.3715	0.2776 0.3939	0.3987	0.3263 0.4207	0.3432	Ave		0.3617			0.2000	13.7		20.0			
2,4,5-Trichlorophenol	0.3999	0.4175	0.4211	0.3540 0.4446	0.3627	Ave		0.4000			0.2000	8.8		20.0			
1,1'-Biphenyl	1.5345	1.5872	1.6240	1.4679 1.7015	1.4946	Ave		1.5683			0.0100	5.5		20.0			
2-Chloronaphthalene	1.1805	1.2222	1.2454	1.1275 1.3164	1.1414	Ave		1.2056			0.8000	5.9		20.0			
Phenyl ether	0.8331	0.8797	0.8732	0.8111 0.9061	0.8232	Ave		0.8544			0.0100	4.4		20.0			
2-Nitroaniline	0.3009	0.2949	0.3078	0.2523 0.3171	0.2827	Ave		0.2926			0.0100	7.8		20.0			
1,3-Dimethylnaphthalene	0.9408	0.9725	0.9882	0.9186 1.0422	0.9107	Ave		0.9622			0.0100	5.1		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-303245-1 Analy Batch No.: 969996

SDG No.:

Instrument ID: CBNAMS18 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/17/2024 12:39 Calibration End Date: 04/17/2024 18:18 Calibration ID: 96708

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Coumarin	0.2412	0.2499	0.2534	0.2356 0.2741	0.2451	Ave		0.2499			0.0100	5.4		20.0			
Dimethyl phthalate	1.2815	1.3194	1.3422	1.2342 1.4189	1.2300	Ave		1.3044			0.0100	5.5		20.0			
2,6-Dinitrotoluene	0.2818	0.2129 0.2898	0.2916	0.2684 0.3039	0.2736	Ave		0.2746			0.2000	10.8		20.0			
Acenaphthylene	1.8100	1.8711	1.8618	1.6999 1.9339	1.7739	Ave		1.8251			0.9000	4.5		20.0			
3-Nitroaniline	0.3064	0.3018	0.2984	0.2573 0.3004	0.2775	Ave		0.2903			0.0100	6.6		20.0			
Acenaphthene	1.0799	1.1183	1.1356	1.0761 1.1856	1.0664	Ave		1.1103			0.9000	4.1		20.0			
3,5-di-tert-butyl-4-hydroxytol	0.9170	0.9756	1.0099	0.8156 1.1170	0.8724	Ave		0.9512			0.0100	11.3		20.0			
2,4-Dinitrophenol	0.1676	0.1884	0.2066	0.1101 0.2215	0.1427	Lin2	-0.212	0.2074			0.0100				0.9940		0.9900
4-Nitrophenol	0.2102	0.2132	0.2292	0.1712 0.2412	0.1890	Ave		0.2090			0.0100	12.3		20.0			
Dibenzofuran	1.7056	1.7877	1.7685	1.6522 1.8747	1.6669	Ave		1.7426			0.8000	4.8		20.0			
2,4-Dinitrotoluene	0.3892	0.2458 0.3971	0.4080	0.3386 0.4224	0.3656	Ave		0.3667			0.2000	16.4		20.0			
2,3,4,6-Tetrachlorophenol	0.3265	0.3344	0.3441	0.2821 0.3626	0.2982	Ave		0.3246			0.0100	9.2		20.0			
Diethyl phthalate	1.2180	1.2436	1.3088	1.5122 1.3269	1.1652	Ave		1.2958			0.0100	9.4		20.0			
Fluorene	1.3245	1.2370 1.3543	1.3562	1.2662 1.4376	1.2853	Ave		1.3230			0.9000	5.1		20.0			
4-Chlorophenyl phenyl ether	0.6347	0.6402	0.6398	0.6090 0.6824	0.6146	Ave		0.6368			0.4000	4.1		20.0			
4-Nitroaniline	0.2796	0.2796	0.2983	0.2234 0.2962	0.2544	Ave		0.2719			0.0100	10.5		20.0			
4,6-Dinitro-2-methylphenol	0.1262	0.1345	0.1389	0.0885 0.1519	0.1084	Ave		0.1247			0.0100	18.3		20.0			
N-Nitrosodiphenylamine	0.5117	0.5285	0.5228	0.4618 0.5648	0.4963	Ave		0.5143			0.0100	6.7		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-303245-1 Analy Batch No.: 969996

SDG No.:

Instrument ID: CBNAMS18 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/17/2024 12:39 Calibration End Date: 04/17/2024 18:18 Calibration ID: 96708

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,2-Diphenylhydrazine	0.6956	0.7072	0.6905	0.6257 0.7455	0.6373	Ave		0.6836			0.0100	6.6		20.0			
Azobenzene	0.6956	0.7072	0.6910	0.6257 0.7459	0.6366	Ave		0.6837				6.6		20.0			
4-Bromophenyl phenyl ether	0.2132	0.2161	0.2147	0.1968 0.2332	0.1985	Ave		0.2121			0.1000	6.3		20.0			
Hexachlorobenzene	0.2367 0.2591	0.2688 0.2696	0.2698	0.2524 0.2949	0.2496	Ave		0.2626			0.1000	6.6		20.0			
Atrazine	0.1783	0.1173 0.1851	0.1336 0.1967	0.1584 0.2071	0.1619	Ave		0.1673			0.0100	18.4		20.0			
Pentachlorophenol	0.1533	0.1723	0.1854	0.1160 0.2045	0.1312	Lin2	-0.163	0.1869			0.0500				0.9910		0.9900
Pentachloronitrobenzene	0.0903	0.0973	0.1006	0.0786 0.1124	0.0828	Ave		0.0937			0.0100	13.2		20.0			
n-Octadecane	0.3689	0.3901	0.3950	0.3160 0.4311	0.3385	Ave		0.3733			0.0100	11.1		20.0			
Phenanthrene	1.0468	1.0548	1.0412	0.9729 1.1209	1.0064	Ave		1.0405			0.7000	4.8		20.0			
Anthracene	1.0388	1.0715	1.0699	0.9744 1.1432	0.9845	Ave		1.0471			0.7000	6.0		20.0			
Carbazole	0.9102	0.9234	0.9318	0.8175 0.9861	0.8521	Ave		0.9035			0.0100	6.7		20.0			
Di-n-butyl phthalate	1.0020	1.0649	1.1202	0.8146 1.2174	0.8930	Ave		1.0187			0.0100	14.5		20.0			
Fluoranthene	1.0098	0.8789 1.0429	1.0491	0.9247 1.1121	0.9570	Ave		0.9964			0.6000	8.1		20.0			
Benzidine	0.3097	0.2970	0.3650	0.2199 0.3541	0.2777	Ave		0.3039			0.0100	17.5		20.0			
Pyrene	1.5432	1.4740 1.5632	1.5179	1.4773 1.5908	1.5010	Ave		1.5239			0.6000	2.9		20.0			
Bisphenol-A	0.4797	0.4441	0.4668	0.3625 0.5178	0.4103	Ave		0.4469				12.2		20.0			
Butyl benzyl phthalate	0.5222	0.5822	0.5857	0.4086 0.6338	0.4704	Ave		0.5338			0.0100	15.6		20.0			
2,3,7,8-TCDD		0.1836				Ave		0.1836			0.0100			20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-303245-1 Analy Batch No.: 969996

SDG No.:

Instrument ID: CBNAMS18 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/17/2024 12:39 Calibration End Date: 04/17/2024 18:18 Calibration ID: 96708

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Carbamazepine	0.2861	0.3575	0.4147	0.1846 0.4676	0.2219	Lin1	-0.386	0.4478			0.0100	17.5					
Benzo[a]anthracene	1.2781 1.2740	1.2039 1.3404	1.3097	1.1982 1.4252	1.2256	Ave		1.2819			0.8000	6.0		20.0			
3,3'-Dichlorobenzidine	0.4587	0.2339 0.4999	0.5402	0.3488 0.5397	0.4051	Qua1	-0.064	0.4679	0.0034882						0.9990		0.9900
Chrysene	1.2119	1.1936 1.2677	1.1942	1.2153 1.2579	1.2108	Ave		1.2216			0.7000	2.4		20.0			
Bis(2-ethylhexyl) phthalate	0.6691	0.3837 0.7751	0.7814	0.4880 0.8517	0.5896	Qua1	-0.082	0.6644	0.0080679						0.9990		0.9900
Di-n-octyl phthalate	1.0394	1.1826	1.3094	0.6887 1.4408	0.8823	Lin2	-0.696	1.3171			0.0100				0.9910		0.9900
Benzo[b]fluoranthene	0.9268 1.1361	0.9552 1.1823	1.1792	1.0335 1.2679	1.0923	Ave		1.0967			0.7000	10.8		20.0			
Benzo[k]fluoranthene	0.8709 1.2524	1.0656 1.2272	1.2351	1.0699 1.3114	1.1479	Ave		1.1475			0.7000	12.4		20.0			
Benzo[a]pyrene	0.7207 1.0634	0.8030 1.0762	1.0875	0.8855 1.1636	0.9802	Ave		0.9725			0.7000	16.0		20.0			
Indeno[1,2,3-cd]pyrene	0.9777 1.1234	1.0594 1.1364	1.1975	1.0246 1.3096	1.0937	Ave		1.1153			0.5000	9.3		20.0			
Dibenz(a,h)anthracene	0.9820 1.1445	1.1074 1.1568	1.2013	1.0614 1.3129	1.1361	Ave		1.1378			0.4000	8.5		20.0			
Benzo[g,h,i]perylene	0.9395 1.1249	1.0822 1.1026	1.1304	1.0366 1.2162	1.0849	Ave		1.0897			0.5000	7.3		20.0			
2-Fluorophenol (Surr)	1.2728	1.0212 1.3280	1.3930	1.1609 1.4648	1.2471	Ave		1.2697			0.0100	11.6		20.0			
Phenol-d5 (Surr)	1.1272 1.5729	1.2133 1.6712	1.7364	1.4351 1.8472	1.5486	Ave		1.5190			0.0100	16.4		20.0			
Nitrobenzene-d5 (Surr)	0.3040 0.3456	0.3090 0.3501	0.3747	0.3223 0.3803	0.3370	Ave		0.3404			0.0100	8.3		20.0			
2-Fluorobiphenyl	1.3074 1.4504	1.3241 1.5636	1.6407	1.4064 1.6598	1.4109	Ave		1.4704			0.0100	9.3		20.0			
2,4,6-Tribromophenol (Surr)	0.2687	0.2094 0.2903	0.3090	0.2492 0.3203	0.2529	Ave		0.2714			0.0100	14.1		20.0			
Terphenyl-d14 (Surr)	1.0167 1.2422	1.1790 1.3167	1.3376	1.1841 1.4120	1.2150	Ave		1.2379			0.0100	9.8		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-303245-1 | Analy Batch No.: 969996

SDG No.:

Instrument ID: CBNAMS18 | GC Column: Rtxi-5Sil | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 04/17/2024 12:39 | Calibration End Date: 04/17/2024 18:18 | Calibration ID: 96708

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD01 460-969996/10	P84792.D
Level 2	STD02 460-969996/9	P84790.D
Level 3	STD04 460-969996/8	P84788.D
Level 4	STD1 460-969996/7	P84786.D
Level 5	STD2 460-969996/6	P84784.D
Level 6	STD4 460-969996/5	P84782.D
Level 7	ICIS 460-969996/11	P84794.D
Level 8	STD16 460-969996/4	P84780.D
Level 9	STD24 460-969996/3	P84778.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,4-Dioxane	DCBd4	Ave	1495 65102	2931 159430	271637	16409 424467	32566	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
N-Nitrosodimethylamine	DCBd4	Ave	104502	239875	424362	23061 652544	47495	4.00	10.0	16.0	1.00 24.0	2.00
Pyridine	DCBd4	Ave	6237 324896	13145 718335	1297082	71056 2022995	144304	0.200 8.00	0.400 20.0	32.0	2.00 48.0	4.00
Benzaldehyde	DCBd4	Ave	103133	6182 130778	12900 163108	31674 206171	60189	3.20	0.200 4.00	0.400 4.80	1.00 6.40	2.00
Aniline	DCBd4	Ave	218990	545885	852030	51175 1279829	102862	4.00	10.0	16.0	1.00 24.0	2.00
Phenol	DCBd4	Ave	216400	530873	891024	49688 1383992	98207	4.00	10.0	16.0	1.00 24.0	2.00
Bis(2-chloroethyl)ether	DCBd4	Ave	3866 157987	7584 377375	640730	37775 1007510	72815	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
2-Chlorophenol	DCBd4	Ave	170889	419903	700874	39719 1107906	79020	4.00	10.0	16.0	1.00 24.0	2.00
n-Decane	DCBd4	Ave	128437	312090	527001	30923 829909	60511	4.00	10.0	16.0	1.00 24.0	2.00
1,3-Dichlorobenzene	DCBd4	Ave	195084	485779	802395	46768 1267197	90526	4.00	10.0	16.0	1.00 24.0	2.00
1,4-Dichlorobenzene	DCBd4	Ave	199453	496302	810908	48217 1282815	92812	4.00	10.0	16.0	1.00 24.0	2.00
Benzyl alcohol	DCBd4	Ave	108945	264728	466965	22677 736051	48728	4.00	10.0	16.0	1.00 24.0	2.00
1,2-Dichlorobenzene	DCBd4	Ave	192509	476871	796977	46131 1275625	90325	4.00	10.0	16.0	1.00 24.0	2.00
2,2'-oxybis[1-chloropropane]	DCBd4	Ave	173381	408109	694198	42589 1079089	80949	4.00	10.0	16.0	1.00 24.0	2.00
2-Methylphenol	DCBd4	Ave				34670	68320				1.00	2.00

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-303245-1 | Analy Batch No.: 969996

SDG No.:

Instrument ID: CBNAMS18 | GC Column: Rtxi-5Sil | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 04/17/2024 12:39 | Calibration End Date: 04/17/2024 18:18 | Calibration ID: 96708

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			152064	375601	629536	976035		4.00	10.0	16.0	24.0	
N-Methylaniline	DCBd4	Ave	3899 261931	9572 658398	1114255	60683 1759121	120805	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Acetophenone	DCBd4	Ave	245507	608343	1039211	56885 1647938	114614	4.00	10.0	16.0	1.00 24.0	2.00
N-Nitrosodi-n-propylamine	DCBd4	Ave	2349 113491	4586 271453	466483	25360 731230	53058	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
3 & 4 Methylphenol	DCBd4	Ave	162798	397543	668501	37420 1035511	74830	4.00	10.0	16.0	1.00 24.0	2.00
4-Methylphenol	DCBd4	Ave	161761	396389	664650	37420 1033249	74830	4.00	10.0	16.0	1.00 24.0	2.00
Hexachloroethane	DCBd4	Ave	1575 70818	3325 177079	291409	16611 461670	33693	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Nitrobenzene	DCBd4	Ave	1984 91478	3459 224010	385434	21914 608267	40377	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
n,n'-Dimethylaniline	DCBd4	Ave	6506 270362	11842 697484	1173220	66022 1890881	127656	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Isophorone	NPT	Ave	309774	12222 739912	1243198	69460 1935499	140410	4.00	0.200 10.0	16.0	1.00 24.0	2.00
2-Nitrophenol	NPT	Ave	96607	236445	404606	21498 637788	43649	4.00	10.0	16.0	1.00 24.0	2.00
2,4-Dimethylphenol	NPT	Ave	130981	314974	546507	29610 845191	58637	4.00	10.0	16.0	1.00 24.0	2.00
Bis(2-chloroethoxy)methane	NPT	Ave	203705	487451	820113	46958 1268104	92784	4.00	10.0	16.0	1.00 24.0	2.00
Benzoic acid	NPT	Lin2	86133	208857	426405	13107 649985	33241	4.00	10.0	16.0	1.00 24.0	2.00
2,4-Dichlorophenol	NPT	Ave	150005	373474	627271	32924 996533	67487	4.00	10.0	16.0	1.00 24.0	2.00
1,2,4-Trichlorobenzene	NPT	Ave	3954 167241	7619 413386	687876	40159 1099159	77023	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Naphthalene	NPT	Ave	13700 553038	25472 1350894	2232578	132435 3485840	255680	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
4-Chloroaniline	NPT	Ave	3569 191072	7342 483125	789193	45338 1095018	91005	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
2,6-Dichlorophenol	NPT	Ave	153540	381007	637540	33783 1005077	69047	4.00	10.0	16.0	1.00 24.0	2.00
Hexachlorobutadiene	NPT	Ave	2448 94716	4503 236821	393913	23479 629746	44367	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Caprolactam	NPT	Lin1	32935	1089 40183	2869 55328	7585 73458	18263	3.20	0.200 4.00	0.400 4.80	1.00 6.40	2.00

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-303245-1 | Analy Batch No.: 969996

SDG No.:

Instrument ID: CBNAMS18 | GC Column: Rtxi-5Sil | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 04/17/2024 12:39 | Calibration End Date: 04/17/2024 18:18 | Calibration ID: 96708

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
4-Chloro-3-methylphenol	NPT	Ave	141882	342540	585933	31160 915215	63608	4.00	10.0	16.0	1.00 24.0	2.00
2-Methylnaphthalene	NPT	Ave	375017	16624 908412	1521571	90281 2374304	174638	4.00	0.200 10.0	16.0	1.00 24.0	2.00
1-Methylnaphthalene	NPT	Ave	348312	16770 827116	1375688	83101 2172847	163118	4.00	0.200 10.0	16.0	1.00 24.0	2.00
Hexachlorocyclopentadiene	ANT	Ave	107734	261049	463225	24089 747367	48767	4.00	10.0	16.0	1.00 24.0	2.00
1,2,4,5-Tetrachlorobenzene	ANT	Ave	168298	415563	704243	41753 1117523	80300	4.00	10.0	16.0	1.00 24.0	2.00
2-tertbutyl-4-methylphenol	NPT	Ave	214868	8012 543130	908850	48364 1469682	99050	4.00	0.200 10.0	16.0	1.00 24.0	2.00
2,4,6-Trichlorophenol	ANT	Ave	110690	4057 273912	457812	24659 720015	49343	4.00	0.200 10.0	16.0	1.00 24.0	2.00
2,4,5-Trichlorophenol	ANT	Ave	119164	290344	483520	26749 760983	52151	4.00	10.0	16.0	1.00 24.0	2.00
1,1'-Biphenyl	ANT	Ave	457223	1103661	1864802	110917 2912142	214899	4.00	10.0	16.0	1.00 24.0	2.00
2-Chloronaphthalene	ANT	Ave	351725	849909	1430087	85197 2253026	164122	4.00	10.0	16.0	1.00 24.0	2.00
Phenyl ether	ANT	Ave	248220	611722	1002715	61284 1550827	118361	4.00	10.0	16.0	1.00 24.0	2.00
2-Nitroaniline	ANT	Ave	89665	205081	353427	19066 542761	40650	4.00	10.0	16.0	1.00 24.0	2.00
1,3-Dimethylnaphthalene	ANT	Ave	280304	676268	1134754	69407 1783841	130947	4.00	10.0	16.0	1.00 24.0	2.00
Coumarin	NPT	Ave	126950	318862	536777	30924 849376	61548	4.00	10.0	16.0	1.00 24.0	2.00
Dimethyl phthalate	ANT	Ave	381829	917489	1541224	93253 2428617	176852	4.00	10.0	16.0	1.00 24.0	2.00
2,6-Dinitrotoluene	ANT	Ave	83976	3112 201490	334869	20280 520200	39339	4.00	0.200 10.0	16.0	1.00 24.0	2.00
Acenaphthylene	ANT	Ave	539316	1301145	2137859	128447 3309915	255067	4.00	10.0	16.0	1.00 24.0	2.00
3-Nitroaniline	ANT	Ave	91294	209863	342600	19438 514216	39905	4.00	10.0	16.0	1.00 24.0	2.00
Acenaphthene	ANT	Ave	321763	777630	1303958	81309 2029296	153327	4.00	10.0	16.0	1.00 24.0	2.00
3,5-di-tert-butyl-4-hydroxytol	ANT	Ave	273213	678372	1159696	61629 1911753	125439	4.00	10.0	16.0	1.00 24.0	2.00
2,4-Dinitrophenol	ANT	Lin2				16641	41036				2.00	4.00

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-303245-1 | Analy Batch No.: 969996

SDG No.:

Instrument ID: CBNAMS18 | GC Column: Rtxi-5Sil | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 04/17/2024 12:39 | Calibration End Date: 04/17/2024 18:18 | Calibration ID: 96708

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			99897	262008	474509	758372		8.00	20.0	32.0	48.0	
4-Nitrophenol	ANT	Ave	125283	296477	526336	25872 825544	54353	8.00	20.0	32.0	2.00 48.0	4.00
Dibenzofuran	ANT	Ave	508203	1243125	2030729	124843 3208604	239672	4.00	10.0	16.0	1.00 24.0	2.00
2,4-Dinitrotoluene	ANT	Ave	115968	3592 276140	468548	25585 723015	52567	4.00	0.200 10.0	16.0	1.00 24.0	2.00
2,3,4,6-Tetrachlorophenol	ANT	Ave	97288	232506	395097	21314 620698	42876	4.00	10.0	16.0	1.00 24.0	2.00
Diethyl phthalate	ANT	Ave	362912	864791	1502857	114259 2271152	167546	4.00	10.0	16.0	1.00 24.0	2.00
Fluorene	ANT	Ave	394634	18078 941761	1557261	95671 2460532	184808	4.00	0.200 10.0	16.0	1.00 24.0	2.00
4-Chlorophenyl phenyl ether	ANT	Ave	189111	445149	734702	46013 1167967	88375	4.00	10.0	16.0	1.00 24.0	2.00
4-Nitroaniline	ANT	Ave	83314	194393	342496	16881 507014	36584	4.00	10.0	16.0	1.00 24.0	2.00
4,6-Dinitro-2-methylphenol	PHN	Ave	134705	328861	571563	24966 906891	57212	8.00	20.0	32.0	2.00 48.0	4.00
N-Nitrosodiphenylamine	PHN	Ave	273140	646255	1075580	65132 1685982	130962	4.00	10.0	16.0	1.00 24.0	2.00
1,2-Diphenylhydrazine	PHN	Ave	371325	864754	1420605	88246 2225422	168174	4.00	10.0	16.0	1.00 24.0	2.00
Azobenzene	PHN	Ave	371287	864789	1421686	88246 2226531	167991	4.00	10.0	16.0	1.00 24.0	2.00
4-Bromophenyl phenyl ether	PHN	Ave	113820	264292	441693	27757 696160	52379	4.00	10.0	16.0	1.00 24.0	2.00
Hexachlorobenzene	PHN	Ave	3443 138282	7113 329632	555097	35600 880167	65875	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Atrazine	PHN	Ave	76157	3104 90548	7600 121412	22347 164880	42724	3.20	0.200 4.00	0.400 4.80	1.00 6.40	2.00
Pentachlorophenol	PHN	Lin2	163661	421473	762724	32734 1220725	69261	8.00	20.0	32.0	2.00 48.0	4.00
Pentachloronitrobenzene	PHN	Ave	48190	118955	207004	11081 335518	21850	4.00	10.0	16.0	1.00 24.0	2.00
n-Octadecane	PHN	Ave	196907	477016	812620	44568 1286864	89323	4.00	10.0	16.0	1.00 24.0	2.00
Phenanthrene	PHN	Ave	558798	1289745	2142064	137207 3345832	265601	4.00	10.0	16.0	1.00 24.0	2.00
Anthracene	PHN	Ave	554522	1310255	2201112	137429 3412434	259817	4.00	10.0	16.0	1.00 24.0	2.00

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-303245-1 | Analy Batch No.: 969996

SDG No.:

Instrument ID: CBNAMS18 | GC Column: Rtxi-5Sil | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 04/17/2024 12:39 | Calibration End Date: 04/17/2024 18:18 | Calibration ID: 96708

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Carbazole	PHN	Ave	485879	1129080	1917085	115301 2943386	224879	4.00	10.0	16.0	1.00 24.0	2.00
Di-n-butyl phthalate	PHN	Ave	534879	1302132	2304730	114892 3633827	235656	4.00	10.0	16.0	1.00 24.0	2.00
Fluoranthene	PHN	Ave	539046	23262 1275245	2158342	130422 3319729	252555	4.00	0.200 10.0	16.0	1.00 24.0	2.00
Benzidine	PHN	Ave	165309	363144	750859	31008 1056923	73290	4.00	10.0	16.0	1.00 24.0	2.00
Pyrene	CRY	Ave	563354	24138 1316669	2243929	136592 3400637	264766	4.00	0.200 10.0	16.0	1.00 24.0	2.00
Bisphenol-A	CRY	Ave	175131	374014	690082	33519 1106972	72369	4.00	10.0	16.0	1.00 24.0	2.00
Butyl benzyl phthalate	CRY	Ave	190637	490347	865863	37777 1354893	82978	4.00	10.0	16.0	1.00 24.0	2.00
2,3,7,8-TCDD	CRY	Ave		1546					0.100			
Carbamazepine	CRY	Lin1	104427	301145	613122	17066 999609	39145	4.00	10.0	16.0	1.00 24.0	2.00
Benzo[a]anthracene	CRY	Ave	11223 465057	19714 1128975	1936081	110787 3046631	216188	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
3,3'-Dichlorobenzidine	CRY	Qua1	167436	3831 421050	798652	32251 1153692	71457	4.00	0.200 10.0	16.0	1.00 24.0	2.00
Chrysene	CRY	Ave	442394	19546 1067765	1765349	112363 2688848	213576	4.00	0.200 10.0	16.0	1.00 24.0	2.00
Bis(2-ethylhexyl) phthalate	CRY	Qua1	244248	6284 652830	1155100	45118 1820673	104000	4.00	0.200 10.0	16.0	1.00 24.0	2.00
Di-n-octyl phthalate	PRY	Lin2	370867	993667	1834557	62573 2953752	153673	4.00	10.0	16.0	1.00 24.0	2.00
Benzo[b]fluoranthene	PRY	Ave	7992 405375	15476 993381	1652112	93906 2599386	190250	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Benzo[k]fluoranthene	PRY	Ave	7510 446876	17263 1031140	1730360	97214 2688458	199935	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Benzo[a]pyrene	PRY	Ave	6215 379452	13009 904256	1523575	80455 2385404	170734	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Indeno[1,2,3-cd]pyrene	PRY	Ave	8431 400845	17163 954837	1677713	93096 2684764	190504	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Dibenz(a,h)anthracene	PRY	Ave	8468 408385	17941 971972	1683043	96438 2691487	197896	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Benzo[g,h,i]perylene	PRY	Ave	8102 401396	17533 926461	1583692	94188 2493420	188962	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
2-Fluorophenol (Surr)	DCBd4	Ave		6452		37169	77260		0.200		1.00	2.00

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-303245-1 | Analy Batch No.: 969996

SDG No.:

Instrument ID: CBNAMS18 | GC Column: Rtxi-5Sil | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 04/17/2024 12:39 | Calibration End Date: 04/17/2024 18:18 | Calibration ID: 96708

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			166216	418541	750853	1140027		4.00	10.0	16.0	24.0	
Phenol-d5 (Surr)	DCBd4	Ave	3949 205401	7666 526712	935990	45948 1437691	95940	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Nitrobenzene-d5 (Surr)	NPT	Ave	4273 181884	7811 446844	793498	42300 1178312	84626	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
2-Fluorobiphenyl	ANT	Ave	10462 432168	19352 1087317	1883968	106269 2840837	202871	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00
2,4,6-Tribromophenol (Surr)	ANT	Ave	 80059	3060 201847	354796	18826 548156	36366	 4.00	0.200 10.0	16.0	1.00 24.0	2.00
Terphenyl-d14 (Surr)	CRY	Ave	8928 453448	19307 1109025	1977433	109487 3018338	214309	0.100 4.00	0.200 10.0	16.0	1.00 24.0	2.00

Curve Type Legend:

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD
Lin2 = Linear 1/conc^2 ISTD
Qua1 = Quadratic 1/conc ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20240417-174798.b\P84778.D
Lims ID: STD24
Client ID:
Sample Type: IC Calib Level: 9
Inject. Date: 17-Apr-2024 12:39:30 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0174798-003
Operator ID: Instrument ID: CBNAMS18
Sublist: chrom-8270LVI_18*sub37

Method: \\chromfs\Edison\ChromData\CBNAMS18\20240417-174798.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 18-Apr-2024 07:28:16 Calib Date: 17-Apr-2024 18:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20240417-174798.b\P84794.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1670

First Level Reviewer: G4KC Date: 17-Apr-2024 13:40:17

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.372	1.375	-0.003	91	424467	24.0	26.3	
2 N-Nitrosodimethylamine	74	1.573	1.573	0.000	92	652544	24.0	25.8	
3 Pyridine	79	1.595	1.598	-0.003	96	2022995	48.0	54.9	
$ 4 2-Fluorophenol	112	2.623	2.623	0.000	96	1140027	24.0	27.7	
5 Benzaldehyde	77	3.422	3.418	0.004	95	206171	6.40	6.42	
$ 6 Phenol-d5	99	3.540	3.530	0.010	98	1437691	24.0	29.2	
8 Aniline	93	3.537	3.533	0.004	94	1279829	24.0	23.9	a
7 Phenol	94	3.553	3.543	0.010	98	1383992	24.0	25.8	
9 Bis(2-chloroethyl)ether	93	3.607	3.600	0.007	99	1007510	24.0	26.0	
10 Benzonitrile	103	3.617	3.607	0.010	97	2091085	NC	NC	
11 2-Chlorophenol	128	3.655	3.651	0.004	97	1107906	24.0	26.0	
12 n-Decane	43	3.703	3.702	0.001	88	829909	24.0	25.8	
13 1,3-Dichlorobenzene	146	3.793	3.789	0.004	97	1267197	24.0	25.8	
* 14 1,4-Dichlorobenzene-d4	152	3.850	3.846	0.004	94	259431	8.00	8.00	
15 1,4-Dichlorobenzene	146	3.866	3.865	0.001	96	1282815	24.0	25.6	
17 Benzyl alcohol	108	4.010	4.003	0.007	96	736051	24.0	27.3	
18 1,2-Dichlorobenzene	146	4.013	4.012	0.001	96	1275625	24.0	26.2	
21 2,2'-oxybis[1-chloropropane]	45	4.128	4.127	0.001	91	1079089	24.0	25.2	
20 2-Methylphenol	108	4.138	4.131	0.007	89	976035	24.0	25.9	
22 N-Methylaniline	106	4.253	4.246	0.007	98	1759121	24.0	29.1	
23 Acetophenone	105	4.263	4.252	0.011	94	1647938	24.0	26.6	
24 N-Nitrosodi-n-propylamine	70	4.269	4.258	0.011	88	731230	24.0	27.4	
26 4-Methylphenol	108	4.295	4.287	0.008	96	1033249	24.0	25.7	
25 3 & 4 Methylphenol	108	4.295	4.287	0.008	62	1035511	24.0	25.7	
27 Hexachloroethane	117	4.336	4.335	0.001	94	461670	24.0	26.6	
$ 28 Nitrobenzene-d5	82	4.403	4.396	0.007	86	1178312	24.0	26.8	
29 Nitrobenzene	123	4.423	4.415	0.008	96	608267	24.0	28.0	
30 n,n'-Dimethylaniline	120	4.426	4.418	0.008	93	1890881	24.0	27.9	
31 Isophorone	82	4.656	4.648	0.008	99	1935499	24.0	26.6	
32 2-Nitrophenol	139	4.726	4.722	0.004	96	637788	24.0	26.9	
33 2,4-Dimethylphenol	122	4.803	4.795	0.008	92	845191	24.0	26.4	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 Bis(2-chloroethoxy)methane	93	4.880	4.875	0.005	97	1268104	24.0	25.7	
35 Benzoic acid	122	4.957	4.914	0.043	86	649985	24.0	26.3	
36 2,4-Dichlorophenol	162	4.976	4.971	0.005	97	996533	24.0	27.0	
37 1,2,4-Trichlorobenzene	180	5.037	5.035	0.002	94	1099159	24.0	27.1	
* 38 Naphthalene-d8	136	5.088	5.083	0.005	99	1032831	8.00	8.00	
39 Naphthalene	128	5.107	5.102	0.005	99	3485840	24.0	26.0	
40 4-Chloroaniline	127	5.184	5.179	0.005	97	1095018	24.0	24.9	
41 2,6-Dichlorophenol	162	5.184	5.179	0.005	97	1005077	24.0	26.7	
42 Hexachlorobutadiene	225	5.235	5.233	0.002	97	629746	24.0	26.7	
44 Caprolactam	113	5.580	5.498	0.082	95	73458	6.40	6.78	M
45 4-Chloro-3-methylphenol	107	5.679	5.674	0.005	95	915215	24.0	26.6	
46 2-Methylnaphthalene	142	5.775	5.770	0.005	84	2374304	24.0	26.0	
47 1-Methylnaphthalene	142	5.865	5.863	0.002	92	2172847	24.0	25.6	
48 Hexachlorocyclopentadiene	237	5.929	5.927	0.002	97	747367	24.0	28.1	
49 1,2,4,5-Tetrachlorobenzene	216	5.935	5.933	0.002	98	1117523	24.0	26.6	
50 2-tertbutyl-4-methylphenol	149	6.003	6.000	0.003	91	1469682	24.0	28.3	
51 2,4,6-Trichlorophenol	196	6.060	6.055	0.005	92	720015	24.0	27.9	
52 2,4,5-Trichlorophenol	196	6.099	6.096	0.003	98	760983	24.0	26.7	
$ 53 2-Fluorobiphenyl	172	6.137	6.132	0.005	97	2840837	24.0	27.1	
54 1,1'-Biphenyl	154	6.227	6.221	0.006	97	2912142	24.0	26.0	
55 2-Chloronaphthalene	162	6.236	6.231	0.005	99	2253026	24.0	26.2	
56 Phenyl ether	170	6.329	6.327	0.002	84	1550827	24.0	25.5	
57 2-Nitroaniline	65	6.352	6.346	0.006	93	542761	24.0	26.0	
58 1,3-Dimethylnaphthalene	156	6.448	6.445	0.003	91	1783841	24.0	26.0	
60 Coumarin	146	6.540	6.534	0.006	81	849376	24.0	26.3	
59 Dimethyl phthalate	163	6.540	6.534	0.006	99	2428617	24.0	26.1	
61 2,6-Dinitrotoluene	165	6.589	6.582	0.006	96	520200	24.0	26.6	
62 Acenaphthylene	152	6.624	6.621	0.003	98	3309915	24.0	25.4	
63 3-Nitroaniline	138	6.745	6.739	0.006	97	514216	24.0	24.8	
* 64 Acenaphthene-d10	164	6.758	6.755	0.003	95	570521	8.00	8.00	
65 Acenaphthene	154	6.790	6.787	0.003	95	2029296	24.0	25.6	
66 3,5-di-tert-butyl-4-hydroxytol	205	6.809	6.803	0.006	97	1911753	24.0	28.2	
67 2,4-Dinitrophenol	184	6.848	6.838	0.010	95	758372	48.0	52.3	
68 4-Nitrophenol	65	6.953	6.944	0.009	93	825544	48.0	55.4	
70 Dibenzofuran	168	6.957	6.950	0.007	91	3208604	24.0	25.8	
69 2,4-Dinitrotoluene	165	6.966	6.960	0.006	96	723015	24.0	27.6	a
71 2,3,4,6-Tetrachlorophenol	232	7.085	7.081	0.004	96	620698	24.0	26.8	
72 Diethyl phthalate	149	7.213	7.206	0.007	98	2271152	24.0	24.6	
73 Fluorene	166	7.277	7.273	0.004	94	2460532	24.0	26.1	
74 4-Chlorophenyl phenyl ether	204	7.290	7.286	0.004	91	1167967	24.0	25.7	
75 4-Nitroaniline	138	7.331	7.318	0.013	85	507014	24.0	26.1	
76 4,6-Dinitro-2-methylphenol	198	7.354	7.344	0.010	90	906891	48.0	58.5	
77 N-Nitrosodiphenylamine	169	7.411	7.405	0.006	98	1685982	24.0	26.4	
131 Azobenzene	77	7.440	7.437	0.003	0	2226531	24.0	26.2	
78 1,2-Diphenylhydrazine	77	7.440	7.437	0.003	98	2225422	24.0	26.2	
$ 79 2,4,6-Tribromophenol	330	7.507	7.504	0.003	91	548156	24.0	28.3	
80 4-Bromophenyl phenyl ether	248	7.747	7.747	0.000	94	696160	24.0	26.4	
82 Hexachlorobenzene	284	7.792	7.788	0.004	96	880167	24.0	26.9	
83 Atrazine	200	7.930	7.926	0.004	95	164880	6.40	7.92	
84 Pentachlorophenol	266	7.994	7.990	0.004	95	1220725	48.0	53.4	
85 Pentachloronitrobenzene	237	8.000	7.996	0.004	90	335518	24.0	28.8	
87 n-Octadecane	57	8.109	8.105	0.004	89	1286864	24.0	27.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
* 88 Phenanthrene-d10	188	8.154	8.150	0.004	98	994999	8.00	8.00	
89 Phenanthrene	178	8.177	8.172	0.005	97	3345832	24.0	25.9	
90 Anthracene	178	8.225	8.220	0.005	98	3412434	24.0	26.2	
91 Carbazole	167	8.394	8.390	0.004	96	2943386	24.0	26.2	
92 Di-n-butyl phthalate	149	8.753	8.751	0.002	99	3633827	24.0	28.7	
93 Fluoranthene	202	9.293	9.291	0.002	97	3319729	24.0	26.8	
94 Benzidine	184	9.447	9.444	0.003	99	1056923	24.0	28.0	
95 Pyrene	202	9.501	9.499	0.003	97	3400637	24.0	25.1	
96 Bisphenol-A	213	9.597	9.594	0.003	99	1106972	24.0	27.8	
$ 97 Terphenyl-d14	244	9.678	9.675	0.003	97	3018338	24.0	27.4	
98 Butyl benzyl phthalate	149	10.167	10.164	0.003	96	1354893	24.0	28.5	
100 Carbamazepine	193	10.247	10.240	0.007	92	999609	24.0	25.9	
101 3,3'-Dichlorobenzidine	252	10.673	10.669	0.004	98	1153692	24.0	23.7	
102 Benzo[a]anthracene	228	10.670	10.669	0.001	99	3046631	24.0	26.7	
* 103 Chrysene-d12	240	10.680	10.679	0.002	99	712545	8.00	8.00	
104 Chrysene	228	10.708	10.704	0.004	98	2688848	24.0	24.7	
105 Bis(2-ethylhexyl) phthalate	149	10.779	10.778	0.001	85	1820673	24.0	23.9	
106 Di-n-octyl phthalate	149	11.525	11.523	0.002	96	2953752	24.0	26.8	
107 Benzo[b]fluoranthene	252	11.886	11.881	0.005	99	2599386	24.0	27.7	
108 Benzo[k]fluoranthene	252	11.922	11.913	0.009	99	2688458	24.0	27.4	
109 Benzo[a]pyrene	252	12.283	12.277	0.006	97	2385404	24.0	28.7	
* 110 Perylene-d12	264	12.351	12.348	0.003	99	683369	8.00	8.00	
111 Indeno[1,2,3-cd]pyrene	276	13.749	13.739	0.010	99	2684764	24.0	28.2	
112 Dibenz(a,h)anthracene	278	13.794	13.783	0.011	99	2691487	24.0	27.7	
113 Benzo[g,h,i]perylene	276	14.095	14.078	0.017	98	2493420	24.0	26.8	
S 115 Total Cresols	1				0			51.6	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SV_BNAL9_LVI_00007 Amount Added: 1.00 Units: mL

Report Date: 18-Apr-2024 07:28:18 Chrom Revision: 2.3 09-Apr-2024 17:43:44

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20240417-174798.b\P84778.D

Injection Date: 17-Apr-2024 12:39:30 Instrument ID: CBNAMS18 Operator ID:

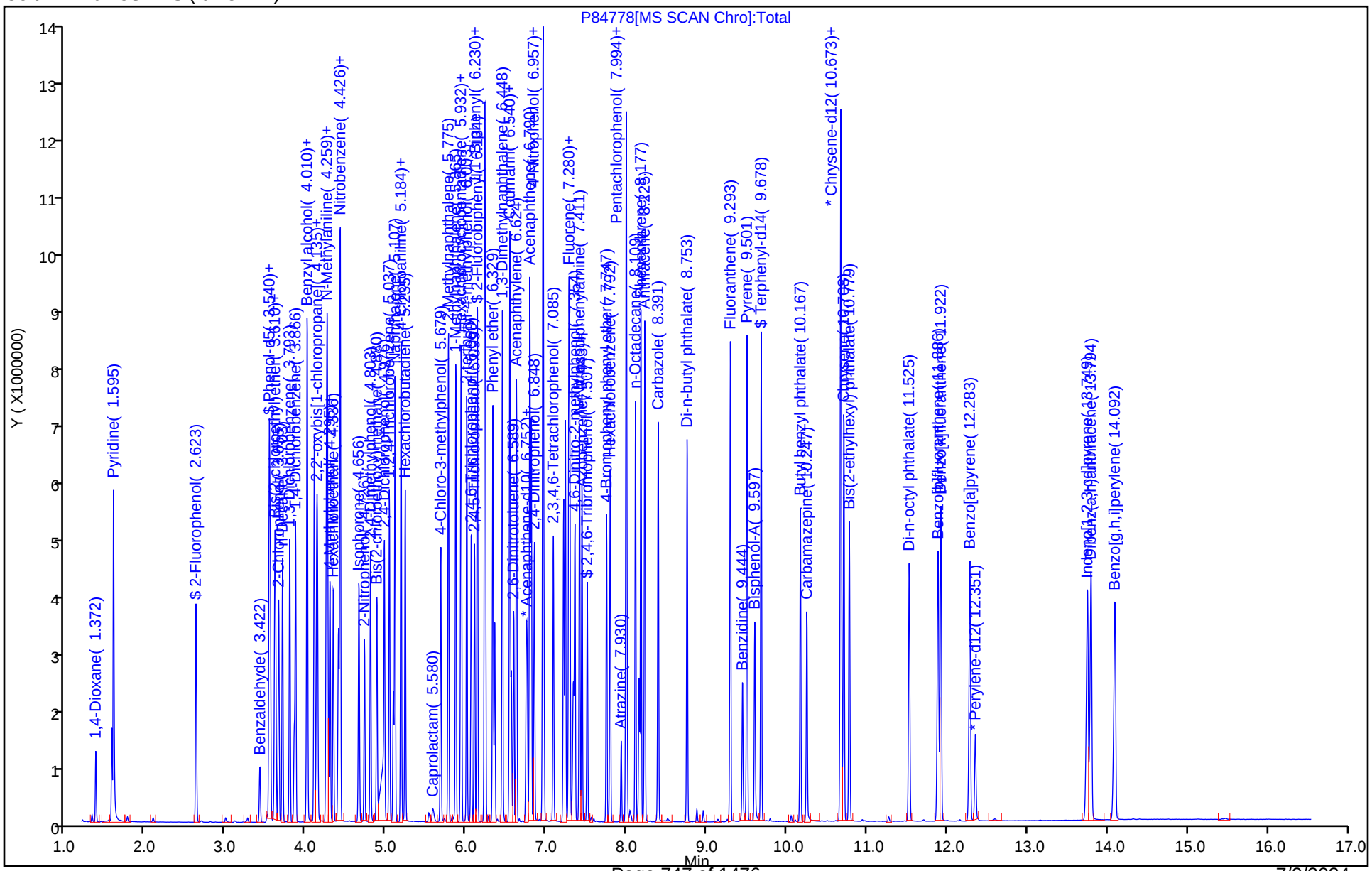
Lims ID: STD24 Worklist Smp#: 3

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8270LVI_18 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



7/9/2024
8:32:15 AM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20240417-174798.b\P84780.D
Lims ID: STD16
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 17-Apr-2024 13:21:30 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0174798-004
Operator ID: Instrument ID: CBNAMS18
Sublist: chrom-8270LVI_18*sub37

Method: \\chromfs\Edison\ChromData\CBNAMS18\20240417-174798.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 18-Apr-2024 07:28:21 Calib Date: 17-Apr-2024 18:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20240417-174798.b\P84794.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1670

First Level Reviewer: G4KC Date: 18-Apr-2024 07:16:54

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.375	1.375	0.000	91	271637	16.0	16.2	
2 N-Nitrosodimethylamine	74	1.573	1.573	0.000	93	424362	16.0	16.2	
3 Pyridine	79	1.595	1.598	-0.003	97	1297082	32.0	33.9	
$ 4 2-Fluorophenol	112	2.623	2.623	0.000	96	750853	16.0	17.6	
5 Benzaldehyde	77	3.418	3.418	0.000	95	163108	4.80	4.89	
$ 6 Phenol-d5	99	3.533	3.530	0.003	98	935990	16.0	18.3	
8 Aniline	93	3.533	3.533	0.000	91	852030	16.0	15.3	
7 Phenol	94	3.546	3.543	0.003	98	891024	16.0	16.0	
9 Bis(2-chloroethyl)ether	93	3.604	3.600	0.004	99	640730	16.0	15.9	
10 Benzonitrile	103	3.610	3.607	0.003	97	1336906	NC	NC	
11 2-Chlorophenol	128	3.652	3.651	0.001	97	700874	16.0	15.8	
12 n-Decane	43	3.703	3.702	0.001	88	527001	16.0	15.7	
13 1,3-Dichlorobenzene	146	3.792	3.789	0.003	97	802395	16.0	15.7	
* 14 1,4-Dichlorobenzene-d4	152	3.850	3.846	0.004	96	269514	8.00	8.00	
15 1,4-Dichlorobenzene	146	3.866	3.865	0.001	96	810908	16.0	15.6	
17 Benzyl alcohol	108	4.006	4.003	0.003	95	466965	16.0	16.7	
18 1,2-Dichlorobenzene	146	4.013	4.012	0.001	97	796977	16.0	15.8	
21 2,2'-oxybis[1-chloropropane]	45	4.128	4.127	0.001	92	694198	16.0	15.6	
20 2-Methylphenol	108	4.134	4.131	0.003	90	629536	16.0	16.1	
22 N-Methylaniline	106	4.249	4.246	0.003	99	1114255	16.0	17.8	
23 Acetophenone	105	4.256	4.252	0.004	95	1039211	16.0	16.1	
24 N-Nitrosodi-n-propylamine	70	4.262	4.258	0.004	88	466483	16.0	16.8	
26 4-Methylphenol	108	4.291	4.287	0.004	97	664650	16.0	15.9	
25 3 & 4 Methylphenol	108	4.291	4.287	0.004	62	668501	16.0	16.0	
27 Hexachloroethane	117	4.336	4.335	0.001	93	291409	16.0	16.2	
$ 28 Nitrobenzene-d5	82	4.400	4.396	0.004	86	793498	16.0	17.6	
29 Nitrobenzene	123	4.419	4.415	0.004	96	385434	16.0	17.1	
30 n,n'-Dimethylaniline	120	4.422	4.418	0.004	92	1173220	16.0	16.6	
31 Isophorone	82	4.652	4.648	0.004	99	1243198	16.0	16.6	
32 2-Nitrophenol	139	4.726	4.722	0.004	96	404606	16.0	16.6	
33 2,4-Dimethylphenol	122	4.799	4.795	0.004	92	546507	16.0	16.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 Bis(2-chloroethoxy)methane	93	4.879	4.875	0.004	97	820113	16.0	16.2	
35 Benzoic acid	122	4.937	4.914	0.023	92	426405	16.0	17.0	
36 2,4-Dichlorophenol	162	4.972	4.971	0.001	97	627271	16.0	16.6	
37 1,2,4-Trichlorobenzene	180	5.036	5.035	0.001	94	687876	16.0	16.5	
* 38 Naphthalene-d8	136	5.084	5.083	0.001	99	1058969	8.00	8.00	
39 Naphthalene	128	5.106	5.102	0.004	99	2232578	16.0	16.3	
40 4-Chloroaniline	127	5.180	5.179	0.001	98	789193	16.0	17.5	
41 2,6-Dichlorophenol	162	5.183	5.179	0.004	97	637540	16.0	16.5	
42 Hexachlorobutadiene	225	5.234	5.233	0.001	97	393913	16.0	16.3	
44 Caprolactam	113	5.512	5.498	0.014	95	55328	4.80	5.02	a
45 4-Chloro-3-methylphenol	107	5.675	5.674	0.001	95	585933	16.0	16.6	
46 2-Methylnaphthalene	142	5.774	5.770	0.004	85	1521571	16.0	16.3	
47 1-Methylnaphthalene	142	5.864	5.863	0.001	92	1375688	16.0	15.8	
48 Hexachlorocyclopentadiene	237	5.928	5.927	0.001	97	463225	16.0	17.3	
49 1,2,4,5-Tetrachlorobenzene	216	5.934	5.933	0.001	98	704243	16.0	16.6	
50 2-tertbutyl-4-methylphenol	149	6.002	6.000	0.002	92	908850	16.0	17.1	
51 2,4,6-Trichlorophenol	196	6.056	6.055	0.001	92	457812	16.0	17.6	
52 2,4,5-Trichlorophenol	196	6.098	6.096	0.002	98	483520	16.0	16.8	
$ 53 2-Fluorobiphenyl	172	6.133	6.132	0.001	98	1883968	16.0	17.9	
54 1,1'-Biphenyl	154	6.226	6.221	0.005	96	1864802	16.0	16.6	
55 2-Chloronaphthalene	162	6.232	6.231	0.001	99	1430087	16.0	16.5	
56 Phenyl ether	170	6.328	6.327	0.001	84	1002715	16.0	16.4	
57 2-Nitroaniline	65	6.350	6.346	0.004	92	353427	16.0	16.8	
58 1,3-Dimethylnaphthalene	156	6.446	6.445	0.001	92	1134754	16.0	16.4	
60 Coumarin	146	6.536	6.534	0.002	81	536777	16.0	16.2	
59 Dimethyl phthalate	163	6.536	6.534	0.002	99	1541224	16.0	16.5	
61 2,6-Dinitrotoluene	165	6.587	6.582	0.005	96	334869	16.0	17.0	
62 Acenaphthylene	152	6.622	6.621	0.001	98	2137859	16.0	16.3	
63 3-Nitroaniline	138	6.744	6.739	0.005	98	342600	16.0	16.4	
* 64 Acenaphthene-d10	164	6.757	6.755	0.002	95	574137	8.00	8.00	
65 Acenaphthene	154	6.789	6.787	0.002	95	1303958	16.0	16.4	
66 3,5-di-tert-butyl-4-hydroxytol	205	6.808	6.803	0.005	97	1159696	16.0	17.0	
67 2,4-Dinitrophenol	184	6.843	6.838	0.005	96	474509	32.0	32.9	
68 4-Nitrophenol	65	6.949	6.944	0.005	82	526336	32.0	35.1	
70 Dibenzofuran	168	6.952	6.950	0.002	96	2030729	16.0	16.2	
69 2,4-Dinitrotoluene	165	6.962	6.960	0.002	95	468548	16.0	17.8	a
71 2,3,4,6-Tetrachlorophenol	232	7.083	7.081	0.002	95	395097	16.0	17.0	
72 Diethyl phthalate	149	7.208	7.206	0.002	98	1502857	16.0	16.2	
73 Fluorene	166	7.275	7.273	0.002	94	1557261	16.0	16.4	
74 4-Chlorophenyl phenyl ether	204	7.288	7.286	0.002	91	734702	16.0	16.1	
75 4-Nitroaniline	138	7.323	7.318	0.005	84	342496	16.0	17.6	
76 4,6-Dinitro-2-methylphenol	198	7.349	7.344	0.005	90	571563	32.0	35.6	
77 N-Nitrosodiphenylamine	169	7.407	7.405	0.001	98	1075580	16.0	16.3	
131 Azobenzene	77	7.439	7.437	0.002	0	1421686	16.0	16.2	
78 1,2-Diphenylhydrazine	77	7.439	7.437	0.002	98	1420605	16.0	16.2	
$ 79 2,4,6-Tribromophenol	330	7.506	7.504	0.002	92	354796	16.0	18.2	
80 4-Bromophenyl phenyl ether	248	7.746	7.747	-0.001	94	441693	16.0	16.2	
82 Hexachlorobenzene	284	7.790	7.788	0.002	96	555097	16.0	16.4	
83 Atrazine	200	7.928	7.926	0.002	94	121412	4.80	5.64	
84 Pentachlorophenol	266	7.992	7.990	0.002	95	762724	32.0	32.6	
85 Pentachloronitrobenzene	237	7.998	7.996	0.002	90	207004	16.0	17.2	
87 n-Octadecane	57	8.107	8.105	0.002	89	812620	16.0	16.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
* 88 Phenanthrene-d10	188	8.152	8.150	0.002	98	1028684	8.00	8.00	
89 Phenanthrene	178	8.175	8.172	0.003	97	2142064	16.0	16.0	
90 Anthracene	178	8.223	8.220	0.003	98	2201112	16.0	16.3	
91 Carbazole	167	8.392	8.390	0.002	96	1917085	16.0	16.5	
92 Di-n-butyl phthalate	149	8.753	8.751	0.002	99	2304730	16.0	17.6	
93 Fluoranthene	202	9.291	9.291	0.000	98	2158342	16.0	16.8	
94 Benzidine	184	9.444	9.444	0.000	99	750859	16.0	19.2	
95 Pyrene	202	9.502	9.499	0.004	97	2243929	16.0	15.9	
96 Bisphenol-A	213	9.595	9.594	0.001	99	690082	16.0	16.7	
$ 97 Terphenyl-d14	244	9.678	9.675	0.003	97	1977433	16.0	17.3	
98 Butyl benzyl phthalate	149	10.168	10.164	0.004	96	865863	16.0	17.6	
100 Carbamazepine	193	10.244	10.240	0.004	92	613122	16.0	15.7	
101 3,3'-Dichlorobenzidine	252	10.670	10.669	0.001	99	798652	16.0	16.6	
102 Benzo[a]anthracene	228	10.670	10.669	0.001	99	1936081	16.0	16.3	
* 103 Chrysene-d12	240	10.680	10.679	0.002	99	739152	8.00	8.00	
104 Chrysene	228	10.705	10.704	0.001	98	1765349	16.0	15.6	
105 Bis(2-ethylhexyl) phthalate	149	10.776	10.778	-0.002	85	1155100	16.0	15.9	
106 Di-n-octyl phthalate	149	11.524	11.523	0.001	96	1834557	16.0	16.4	
107 Benzo[b]fluoranthene	252	11.883	11.881	0.002	98	1652112	16.0	17.2	
108 Benzo[k]fluoranthene	252	11.918	11.913	0.005	99	1730360	16.0	17.2	
109 Benzo[a]pyrene	252	12.280	12.277	0.003	97	1523575	16.0	17.9	
* 110 Perylene-d12	264	12.350	12.348	0.002	99	700514	8.00	8.00	
111 Indeno[1,2,3-cd]pyrene	276	13.745	13.739	0.006	99	1677713	16.0	17.2	
112 Dibenz(a,h)anthracene	278	13.787	13.783	0.004	97	1683043	16.0	16.9	
113 Benzo[g,h,i]perylene	276	14.085	14.078	0.007	98	1583692	16.0	16.6	
S 115 Total Cresols	1				0			32.1	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

a - User Assigned ID

Reagents:

SV_BNAL8_LVI_00008 Amount Added: 1.00 Units: mL

Report Date: 18-Apr-2024 07:28:23 Chrom Revision: 2.3 09-Apr-2024 17:43:44

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20240417-174798.b\P84780.D

Injection Date: 17-Apr-2024 13:21:30 Instrument ID: CBNAMS18 Operator ID:

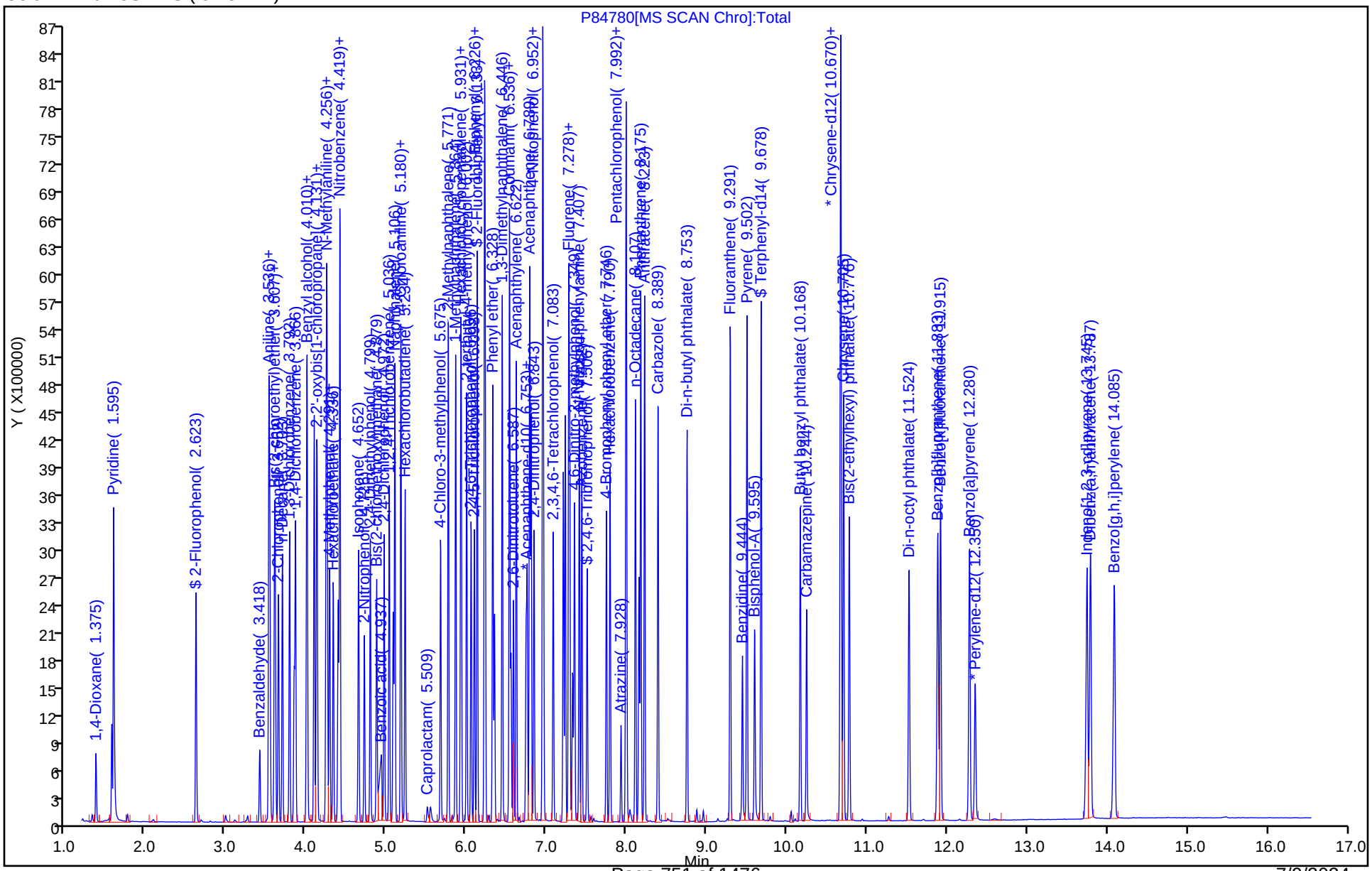
Lims ID: STD16 Worklist Smp#: 4

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8270LVI_18 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



7/9/2024
8:32:15 AM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20240417-174798.b\P84782.D
Lims ID: STD4
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 17-Apr-2024 14:04:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0174798-005
Operator ID: Instrument ID: CBNAMS18
Sublist: chrom-8270LVI_18*sub37

Method: \\chromfs\Edison\ChromData\CBNAMS18\20240417-174798.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 18-Apr-2024 07:28:26 Calib Date: 17-Apr-2024 18:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20240417-174798.b\P84794.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1670

First Level Reviewer: G4KC Date: 18-Apr-2024 07:17:45

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.378	1.375	0.003	92	65102	4.00	4.01	
2 N-Nitrosodimethylamine	74	1.576	1.573	0.003	92	104502	4.00	4.11	
3 Pyridine	79	1.601	1.598	0.003	96	324896	8.00	8.76	
$ 4 2-Fluorophenol	112	2.623	2.623	0.000	96	166216	4.00	4.01	
5 Benzaldehyde	77	3.418	3.418	0.000	95	103133	3.20	3.19	
$ 6 Phenol-d5	99	3.530	3.530	0.000	98	205401	4.00	4.14	
8 Aniline	93	3.533	3.533	0.000	91	218990	4.00	4.07	
7 Phenol	94	3.543	3.543	0.000	98	216400	4.00	4.01	
9 Bis(2-chloroethyl)ether	93	3.597	3.600	-0.003	99	157987	4.00	4.05	
10 Benzonitrile	103	3.606	3.607	-0.001	97	319066	NC	NC	
11 2-Chlorophenol	128	3.651	3.651	0.000	97	170889	4.00	3.99	
12 n-Decane	43	3.699	3.702	-0.003	87	128437	4.00	3.96	
13 1,3-Dichlorobenzene	146	3.789	3.789	0.000	96	195084	4.00	3.95	
* 14 1,4-Dichlorobenzene-d4	152	3.846	3.846	0.000	95	261178	8.00	8.00	
15 1,4-Dichlorobenzene	146	3.862	3.865	-0.003	96	199453	4.00	3.96	
17 Benzyl alcohol	108	3.999	4.003	-0.004	95	108945	4.00	4.02	
18 1,2-Dichlorobenzene	146	4.012	4.012	0.000	97	192509	4.00	3.93	
21 2,2'-oxybis[1-chloropropane]	45	4.127	4.127	0.000	95	173381	4.00	4.02	
20 2-Methylphenol	108	4.130	4.131	-0.001	90	152064	4.00	4.01	
22 N-Methylaniline	106	4.245	4.246	-0.001	94	261931	4.00	4.31	
23 Acetophenone	105	4.249	4.252	-0.003	95	245507	4.00	3.93	
24 N-Nitrosodi-n-propylamine	70	4.255	4.258	-0.003	88	113491	4.00	4.23	
26 4-Methylphenol	108	4.287	4.287	0.000	96	161761	4.00	4.00	
25 3 & 4 Methylphenol	108	4.287	4.287	0.000	62	162798	4.00	4.01	
27 Hexachloroethane	117	4.335	4.335	0.000	93	70818	4.00	4.06	
$ 28 Nitrobenzene-d5	82	4.392	4.396	-0.004	86	181884	4.00	4.06	
29 Nitrobenzene	123	4.412	4.415	-0.003	98	91478	4.00	4.18	
30 n,n'-Dimethylaniline	120	4.415	4.418	-0.003	93	270362	4.00	3.96	
31 Isophorone	82	4.648	4.648	0.000	99	309774	4.00	4.17	
32 2-Nitrophenol	139	4.721	4.722	-0.001	95	96607	4.00	3.99	
33 2,4-Dimethylphenol	122	4.795	4.795	0.000	91	130981	4.00	4.02	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 Bis(2-chloroethoxy)methane	93	4.875	4.875	0.000	98	203705	4.00	4.05	
35 Benzoic acid	122	4.888	4.914	-0.026	88	86133	4.00	3.88	
36 2,4-Dichlorophenol	162	4.971	4.971	0.000	97	150005	4.00	3.99	
37 1,2,4-Trichlorobenzene	180	5.035	5.035	0.000	94	167241	4.00	4.04	
* 38 Naphthalene-d8	136	5.083	5.083	0.000	99	1052595	8.00	8.00	
39 Naphthalene	128	5.102	5.102	0.000	99	553038	4.00	4.05	
40 4-Chloroaniline	127	5.178	5.179	-0.001	96	191072	4.00	4.27	
41 2,6-Dichlorophenol	162	5.178	5.179	-0.001	97	153540	4.00	4.01	
42 Hexachlorobutadiene	225	5.233	5.233	0.000	96	94716	4.00	3.94	
44 Caprolactam	113	5.488	5.498	-0.010	95	32935	3.20	3.07	
45 4-Chloro-3-methylphenol	107	5.674	5.674	0.000	97	141882	4.00	4.04	
46 2-Methylnaphthalene	142	5.770	5.770	0.000	91	375017	4.00	4.03	
47 1-Methylnaphthalene	142	5.862	5.863	-0.001	92	348312	4.00	4.02	
48 Hexachlorocyclopentadiene	237	5.926	5.927	-0.001	97	107734	4.00	3.88	
49 1,2,4,5-Tetrachlorobenzene	216	5.933	5.933	0.000	97	168298	4.00	3.83	
50 2-tertbutyl-4-methylphenol	149	6.000	6.000	0.000	91	214868	4.00	4.06	
51 2,4,6-Trichlorophenol	196	6.054	6.055	-0.001	93	110690	4.00	4.11	
52 2,4,5-Trichlorophenol	196	6.096	6.096	0.000	98	119164	4.00	4.00	
$ 53 2-Fluorobiphenyl	172	6.131	6.132	-0.001	97	432168	4.00	3.95	
54 1,1'-Biphenyl	154	6.220	6.221	-0.001	96	457223	4.00	3.91	
55 2-Chloronaphthalene	162	6.230	6.231	-0.001	99	351725	4.00	3.92	
56 Phenyl ether	170	6.326	6.327	-0.001	85	248220	4.00	3.90	
57 2-Nitroaniline	65	6.345	6.346	-0.001	94	89665	4.00	4.11	
58 1,3-Dimethylnaphthalene	156	6.444	6.445	-0.001	92	280304	4.00	3.91	
60 Coumarin	146	6.530	6.534	-0.004	79	126950	4.00	3.86	
59 Dimethyl phthalate	163	6.530	6.534	-0.004	99	381829	4.00	3.93	
61 2,6-Dinitrotoluene	165	6.582	6.582	0.000	96	83976	4.00	4.11	
62 Acenaphthylene	152	6.620	6.621	-0.001	98	539316	4.00	3.97	
63 3-Nitroaniline	138	6.738	6.739	-0.001	96	91294	4.00	4.22	
* 64 Acenaphthene-d10	164	6.754	6.755	-0.001	94	595916	8.00	8.00	
65 Acenaphthene	154	6.786	6.787	-0.001	96	321763	4.00	3.89	
66 3,5-di-tert-butyl-4-hydroxytol	205	6.802	6.803	-0.001	97	273213	4.00	3.86	
67 2,4-Dinitrophenol	184	6.837	6.838	-0.001	96	99897	8.00	7.49	
68 4-Nitrophenol	65	6.943	6.944	-0.001	84	125283	8.00	8.05	
70 Dibenzofuran	168	6.949	6.950	-0.001	96	508203	4.00	3.92	
69 2,4-Dinitrotoluene	165	6.959	6.960	-0.001	93	115968	4.00	4.25	
71 2,3,4,6-Tetrachlorophenol	232	7.080	7.081	-0.001	95	97288	4.00	4.02	
72 Diethyl phthalate	149	7.202	7.206	-0.004	98	362912	4.00	3.76	
73 Fluorene	166	7.272	7.273	-0.001	93	394634	4.00	4.00	
74 4-Chlorophenyl phenyl ether	204	7.288	7.286	0.002	95	189111	4.00	3.99	
75 4-Nitroaniline	138	7.314	7.318	-0.004	86	83314	4.00	4.11	
76 4,6-Dinitro-2-methylphenol	198	7.339	7.344	-0.005	89	134705	8.00	8.09	
77 N-Nitrosodiphenylamine	169	7.403	7.405	-0.002	98	273140	4.00	3.98	
131 Azobenzene	77	7.435	7.437	-0.002	0	371287	4.00	4.07	
78 1,2-Diphenylhydrazine	77	7.435	7.437	-0.002	99	371325	4.00	4.07	
$ 79 2,4,6-Tribromophenol	330	7.503	7.504	-0.002	92	80059	4.00	3.96	
80 4-Bromophenyl phenyl ether	248	7.745	7.747	-0.002	93	113820	4.00	4.02	
82 Hexachlorobenzene	284	7.790	7.788	0.002	96	138282	4.00	3.95	
83 Atrazine	200	7.928	7.926	0.002	95	76157	3.20	3.41	
84 Pentachlorophenol	266	7.988	7.990	-0.002	95	163661	8.00	7.43	
85 Pentachloronitrobenzene	237	7.995	7.996	-0.001	90	48190	4.00	3.86	
87 n-Octadecane	57	8.107	8.105	0.002	90	196907	4.00	3.95	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
* 88 Phenanthrene-d10	188	8.151	8.150	0.001	98	1067586	8.00	8.00	
89 Phenanthrene	178	8.171	8.172	-0.001	97	558798	4.00	4.02	
90 Anthracene	178	8.219	8.220	-0.001	99	554522	4.00	3.97	
91 Carbazole	167	8.388	8.390	-0.002	96	485879	4.00	4.03	
92 Di-n-butyl phthalate	149	8.752	8.751	0.001	99	534879	4.00	3.93	
93 Fluoranthene	202	9.289	9.291	-0.002	98	539046	4.00	4.05	
94 Benzidine	184	9.442	9.444	-0.002	99	165309	4.00	4.08	
95 Pyrene	202	9.497	9.499	-0.001	97	563354	4.00	4.05	
96 Bisphenol-A	213	9.596	9.594	0.002	98	175131	4.00	4.29	
$ 97 Terphenyl-d14	244	9.676	9.675	0.001	97	453448	4.00	4.01	
98 Butyl benzyl phthalate	149	10.165	10.164	0.001	97	190637	4.00	3.91	
100 Carbamazepine	193	10.238	10.240	-0.002	92	104427	4.00	3.42	
101 3,3'-Dichlorobenzidine	252	10.667	10.669	-0.002	99	167436	4.00	3.94	
102 Benzo[a]anthracene	228	10.667	10.669	-0.002	100	465057	4.00	3.98	
* 103 Chrysene-d12	240	10.676	10.679	-0.002	99	730100	8.00	8.00	
104 Chrysene	228	10.702	10.704	-0.002	98	442394	4.00	3.97	
105 Bis(2-ethylhexyl) phthalate	149	10.779	10.778	0.001	85	244248	4.00	3.96	
106 Di-n-octyl phthalate	149	11.524	11.523	0.001	96	370867	4.00	3.68	
107 Benzo[b]fluoranthene	252	11.879	11.881	-0.002	98	405375	4.00	4.14	
108 Benzo[k]fluoranthene	252	11.911	11.913	-0.002	99	446876	4.00	4.37	
109 Benzo[a]pyrene	252	12.275	12.277	-0.002	98	379452	4.00	4.37	
* 110 Perylene-d12	264	12.349	12.348	0.001	99	713645	8.00	8.00	
111 Indeno[1,2,3-cd]pyrene	276	13.737	13.739	-0.002	99	400845	4.00	4.03	
112 Dibenz(a,h)anthracene	278	13.782	13.783	-0.001	97	408385	4.00	4.02	
113 Benzo[g,h,i]perylene	276	14.076	14.078	-0.002	98	401396	4.00	4.13	
S 115 Total Cresols	1				0			8.03	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SV_BNAL6_LVI_00009 Amount Added: 1.00 Units: mL

Report Date: 18-Apr-2024 07:28:28 Chrom Revision: 2.3 09-Apr-2024 17:43:44

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20240417-174798.b\P84782.D

Injection Date: 17-Apr-2024 14:04:30 Instrument ID: CBNAMS18 Operator ID:

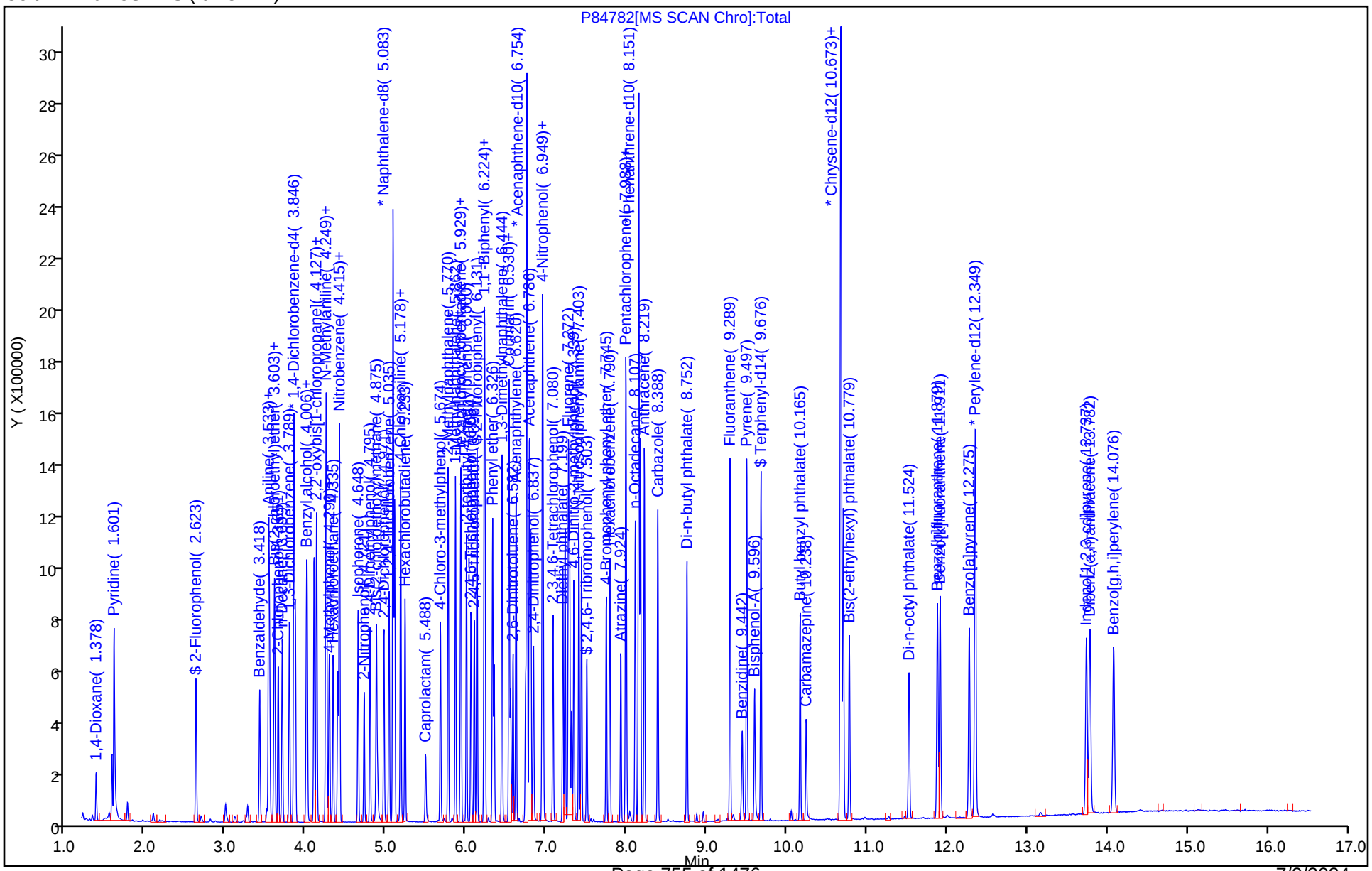
Lims ID: STD4 Worklist Smp#: 5

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 5

Method: 8270LVI_18 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



7/9/2024
8:32:15 AM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20240417-174798.b\P84784.D
Lims ID: STD2
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 17-Apr-2024 14:46:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0174798-006
Operator ID: Instrument ID: CBNAMS18
Sublist: chrom-8270LVI_18*sub37

Method: \\chromfs\Edison\ChromData\CBNAMS18\20240417-174798.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 18-Apr-2024 07:28:30 Calib Date: 17-Apr-2024 18:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20240417-174798.b\P84794.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1670

First Level Reviewer: G4KC Date: 18-Apr-2024 07:18:39

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.375	1.375	0.000	92	32566	2.00	2.11	
2 N-Nitrosodimethylamine	74	1.573	1.573	0.000	92	47495	2.00	1.97	
3 Pyridine	79	1.601	1.598	0.003	96	144304	4.00	4.10	
$ 4 2-Fluorophenol	112	2.623	2.623	0.000	96	77260	2.00	1.96	
5 Benzaldehyde	77	3.415	3.418	-0.003	95	60189	2.00	1.96	
$ 6 Phenol-d5	99	3.526	3.530	-0.004	98	95940	2.00	2.04	
8 Aniline	93	3.530	3.533	-0.003	95	102862	2.00	2.01	
7 Phenol	94	3.539	3.543	-0.004	98	98207	2.00	1.92	
9 Bis(2-chloroethyl)ether	93	3.594	3.600	-0.006	98	72815	2.00	1.97	
10 Benzonitrile	103	3.603	3.607	-0.004	97	150418	NC	NC	
11 2-Chlorophenol	128	3.648	3.651	-0.003	96	79020	2.00	1.94	
12 n-Decane	43	3.699	3.702	-0.003	87	60511	2.00	1.97	
13 1,3-Dichlorobenzene	146	3.788	3.789	-0.001	97	90526	2.00	1.93	
* 14 1,4-Dichlorobenzene-d4	152	3.846	3.846	0.000	95	247808	8.00	8.00	
15 1,4-Dichlorobenzene	146	3.862	3.865	-0.003	96	92812	2.00	1.94	
17 Benzyl alcohol	108	3.999	4.003	-0.004	94	48728	2.00	1.89	
18 1,2-Dichlorobenzene	146	4.009	4.012	-0.003	96	90325	2.00	1.94	
21 2,2'-oxybis[1-chloropropane]	45	4.124	4.127	-0.003	91	80949	2.00	1.98	
20 2-Methylphenol	108	4.130	4.131	-0.001	93	68320	2.00	1.90	
22 N-Methylaniline	106	4.242	4.246	-0.004	93	120805	2.00	2.09	
23 Acetophenone	105	4.248	4.252	-0.004	95	114614	2.00	1.93	
24 N-Nitrosodi-n-propylamine	70	4.255	4.258	-0.003	89	53058	2.00	2.08	
26 4-Methylphenol	108	4.287	4.287	0.000	96	74830	2.00	1.95	
25 3 & 4 Methylphenol	108	4.287	4.287	0.000	62	74830	2.00	1.94	
27 Hexachloroethane	117	4.335	4.335	0.000	94	33693	2.00	2.03	
$ 28 Nitrobenzene-d5	82	4.392	4.396	-0.004	86	84626	2.00	1.98	
29 Nitrobenzene	123	4.411	4.415	-0.004	98	40377	2.00	1.95	
30 n,n'-Dimethylaniline	120	4.415	4.418	-0.003	97	127656	2.00	1.97	
31 Isophorone	82	4.644	4.648	-0.004	99	140410	2.00	1.98	
32 2-Nitrophenol	139	4.721	4.722	-0.001	95	43649	2.00	1.89	
33 2,4-Dimethylphenol	122	4.795	4.795	0.000	91	58637	2.00	1.89	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 Bis(2-chloroethoxy)methane	93	4.874	4.875	-0.001	97	92784	2.00	1.93	a
35 Benzoic acid	122	4.874	4.914	-0.040	89	33241	2.00	1.88	
36 2,4-Dichlorophenol	162	4.970	4.971	-0.001	96	67487	2.00	1.88	
37 1,2,4-Trichlorobenzene	180	5.034	5.035	-0.001	94	77023	2.00	1.95	
* 38 Naphthalene-d8	136	5.082	5.083	-0.001	99	1004326	8.00	8.00	
39 Naphthalene	128	5.101	5.102	-0.001	99	255680	2.00	1.96	
40 4-Chloroaniline	127	5.175	5.179	-0.004	91	91005	2.00	2.13	
41 2,6-Dichlorophenol	162	5.178	5.179	-0.001	92	69047	2.00	1.89	
42 Hexachlorobutadiene	225	5.232	5.233	-0.001	96	44367	2.00	1.93	
44 Caprolactam	113	5.481	5.498	-0.017	94	18263	2.00	1.84	
45 4-Chloro-3-methylphenol	107	5.673	5.674	-0.001	96	63608	2.00	1.90	
46 2-Methylnaphthalene	142	5.769	5.770	-0.001	85	174638	2.00	1.97	
47 1-Methylnaphthalene	142	5.861	5.863	-0.002	93	163118	2.00	1.97	
48 Hexachlorocyclopentadiene	237	5.925	5.927	-0.002	97	48767	2.00	1.82	
49 1,2,4,5-Tetrachlorobenzene	216	5.932	5.933	-0.001	98	80300	2.00	1.89	
50 2-tertbutyl-4-methylphenol	149	5.999	6.000	-0.001	91	99050	2.00	1.96	
51 2,4,6-Trichlorophenol	196	6.056	6.055	0.001	90	49343	2.00	1.90	
52 2,4,5-Trichlorophenol	196	6.095	6.096	-0.001	97	52151	2.00	1.81	
$ 53 2-Fluorobiphenyl	172	6.130	6.132	-0.002	97	202871	2.00	1.92	
54 1,1'-Biphenyl	154	6.220	6.221	-0.001	96	214899	2.00	1.91	
55 2-Chloronaphthalene	162	6.229	6.231	-0.002	99	164122	2.00	1.89	
56 Phenyl ether	170	6.325	6.327	-0.002	84	118361	2.00	1.93	
57 2-Nitroaniline	65	6.344	6.346	-0.002	95	40650	2.00	1.93	
58 1,3-Dimethylnaphthalene	156	6.443	6.445	-0.002	92	130947	2.00	1.89	
60 Coumarin	146	6.529	6.534	-0.005	69	61548	2.00	1.96	
59 Dimethyl phthalate	163	6.529	6.534	-0.005	99	176852	2.00	1.89	
61 2,6-Dinitrotoluene	165	6.581	6.582	-0.001	96	39339	2.00	1.99	
62 Acenaphthylene	152	6.619	6.621	-0.002	98	255067	2.00	1.94	
63 3-Nitroaniline	138	6.737	6.739	-0.002	97	39905	2.00	1.91	
* 64 Acenaphthene-d10	164	6.753	6.755	-0.002	95	575144	8.00	8.00	
65 Acenaphthene	154	6.785	6.787	-0.002	95	153327	2.00	1.92	
66 3,5-di-tert-butyl-4-hydroxytol	205	6.801	6.803	-0.002	97	125439	2.00	1.83	
67 2,4-Dinitrophenol	184	6.836	6.838	-0.002	97	41036	4.00	3.78	
68 4-Nitrophenol	65	6.945	6.944	0.001	83	54353	4.00	3.62	
70 Dibenzofuran	168	6.948	6.950	-0.002	96	239672	2.00	1.91	
69 2,4-Dinitrotoluene	165	6.958	6.960	-0.002	93	52567	2.00	1.99	
71 2,3,4,6-Tetrachlorophenol	232	7.079	7.081	-0.002	94	42876	2.00	1.84	
72 Diethyl phthalate	149	7.201	7.206	-0.005	98	167546	2.00	1.80	
73 Fluorene	166	7.271	7.273	-0.002	94	184808	2.00	1.94	
74 4-Chlorophenyl phenyl ether	204	7.287	7.286	0.001	91	88375	2.00	1.93	
75 4-Nitroaniline	138	7.309	7.318	-0.009	86	36584	2.00	1.87	
76 4,6-Dinitro-2-methylphenol	198	7.338	7.344	-0.006	87	57212	4.00	3.48	
77 N-Nitrosodiphenylamine	169	7.402	7.405	-0.003	98	130962	2.00	1.93	
131 Azobenzene	77	7.434	7.437	-0.003	0	167991	2.00	1.86	
78 1,2-Diphenylhydrazine	77	7.434	7.437	-0.003	99	168174	2.00	1.86	
$ 79 2,4,6-Tribromophenol	330	7.501	7.504	-0.003	92	36366	2.00	1.86	
80 4-Bromophenyl phenyl ether	248	7.744	7.747	-0.003	92	52379	2.00	1.87	
82 Hexachlorobenzene	284	7.789	7.788	0.001	96	65875	2.00	1.90	
83 Atrazine	200	7.926	7.926	0.000	95	42724	2.00	1.94	
84 Pentachlorophenol	266	7.987	7.990	-0.003	95	69261	4.00	3.68	
85 Pentachloronitrobenzene	237	7.993	7.996	-0.003	86	21850	2.00	1.77	
87 n-Octadecane	57	8.105	8.105	0.000	91	89323	2.00	1.81	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
* 88 Phenanthrene-d10	188	8.150	8.150	0.000	98	1055599	8.00	8.00	
89 Phenanthrene	178	8.169	8.172	-0.003	97	265601	2.00	1.93	
90 Anthracene	178	8.217	8.220	-0.003	98	259817	2.00	1.88	
91 Carbazole	167	8.386	8.390	-0.004	96	224879	2.00	1.89	
92 Di-n-butyl phthalate	149	8.750	8.751	-0.001	99	235656	2.00	1.75	
93 Fluoranthene	202	9.287	9.291	-0.004	97	252555	2.00	1.92	
94 Benzidine	184	9.440	9.444	-0.004	99	73290	2.00	1.83	
95 Pyrene	202	9.498	9.499	0.000	97	264766	2.00	1.97	
96 Bisphenol-A	213	9.597	9.594	0.003	98	72369	2.00	1.84	
$ 97 Terphenyl-d14	244	9.674	9.675	-0.001	97	214309	2.00	1.96	
98 Butyl benzyl phthalate	149	10.163	10.164	-0.001	97	82978	2.00	1.76	
100 Carbamazepine	193	10.236	10.240	-0.004	93	39145	2.00	1.85	
101 3,3'-Dichlorobenzidine	252	10.667	10.669	-0.002	97	71457	2.00	1.84	
102 Benzo[a]anthracene	228	10.667	10.669	-0.002	99	216188	2.00	1.91	
* 103 Chrysene-d12	240	10.674	10.679	-0.004	99	705562	8.00	8.00	
104 Chrysene	228	10.703	10.704	-0.001	98	213576	2.00	1.98	
105 Bis(2-ethylhexyl) phthalate	149	10.776	10.778	-0.002	86	104000	2.00	1.86	
106 Di-n-octyl phthalate	149	11.521	11.523	-0.002	96	153673	2.00	1.87	
107 Benzo[b]fluoranthene	252	11.876	11.881	-0.005	98	190250	2.00	1.99	
108 Benzo[k]fluoranthene	252	11.908	11.913	-0.005	99	199935	2.00	2.00	
109 Benzo[a]pyrene	252	12.272	12.277	-0.005	97	170734	2.00	2.02	
* 110 Perylene-d12	264	12.349	12.348	0.001	99	696725	8.00	8.00	
111 Indeno[1,2,3-cd]pyrene	276	13.730	13.739	-0.009	99	190504	2.00	1.96	
112 Dibenz(a,h)anthracene	278	13.778	13.783	-0.005	97	197896	2.00	2.00	
113 Benzo[g,h,i]perylene	276	14.070	14.078	-0.008	98	188962	2.00	1.99	
S 115 Total Cresols	1				0			3.84	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

a - User Assigned ID

Reagents:

SV_BNAL5_LVI_00008 Amount Added: 1.00 Units: mL

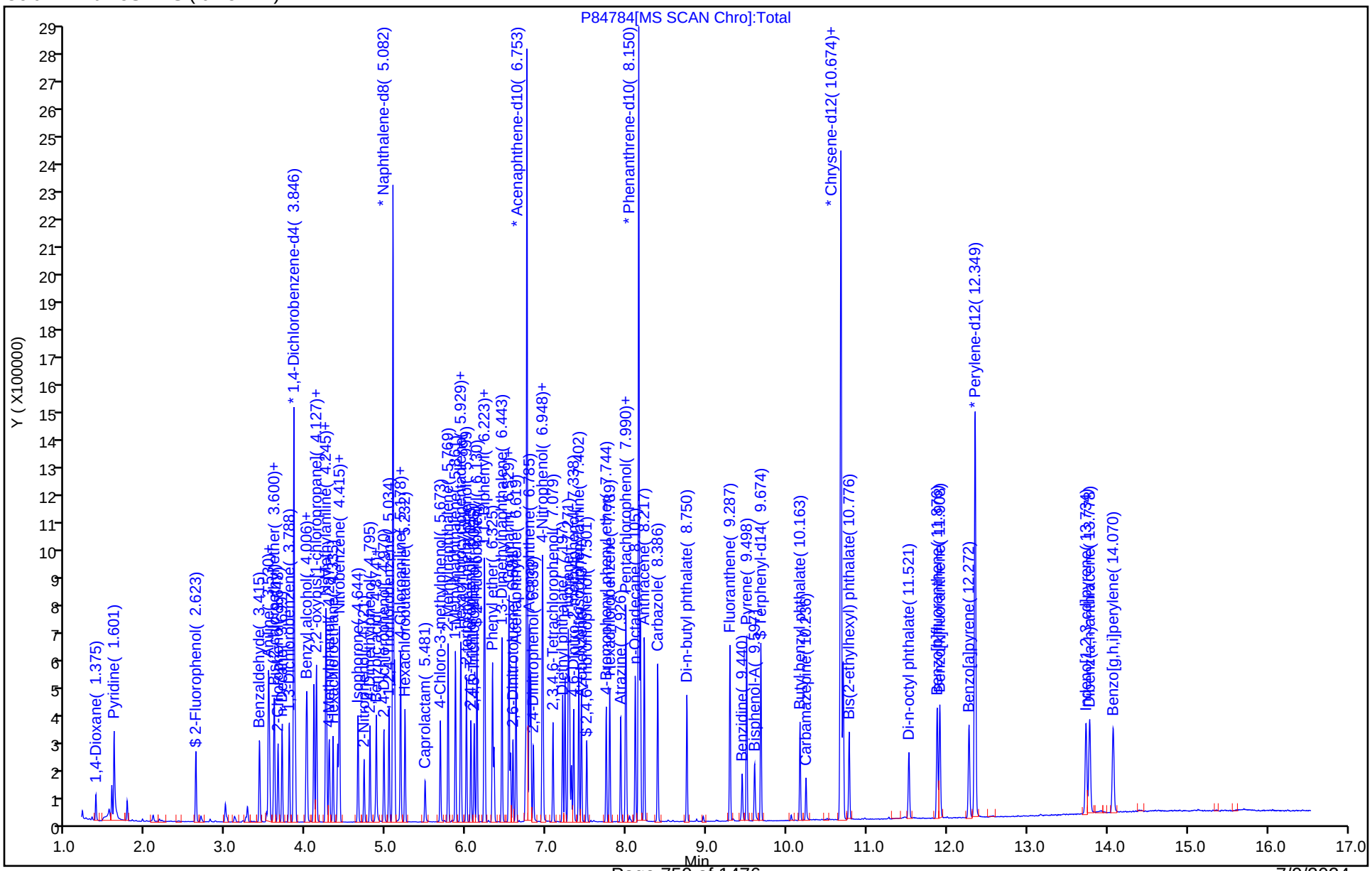
Report Date: 18-Apr-2024 07:28:32 Chrom Revision: 2.3 09-Apr-2024 17:43:44

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20240417-174798.b\P84784.D

Injection Date:	17-Apr-2024 14:46:30	Instrument ID:	CBNAMS18	Operator ID:	
Lims ID:	STD2			Worklist Smp#:	6
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



7/9/2024
8:32:15 AM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20240417-174798.b\P84786.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 17-Apr-2024 15:28:30 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0174798-007
Operator ID: Instrument ID: CBNAMS18
Sublist: chrom-8270LVI_18*sub37

Method: \\chromfs\Edison\ChromData\CBNAMS18\20240417-174798.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 18-Apr-2024 07:28:35 Calib Date: 17-Apr-2024 18:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20240417-174798.b\P84794.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1670

First Level Reviewer: G4KC Date: 17-Apr-2024 15:57:51

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.381	1.375	0.006	92	16409	1.00	1.03	
2 N-Nitrosodimethylamine	74	1.582	1.573	0.009	89	23061	1.00	0.9246	
3 Pyridine	79	1.614	1.598	0.016	95	71056	2.00	1.95	
$ 4 2-Fluorophenol	112	2.626	2.623	0.003	95	37169	1.00	0.9143	
5 Benzaldehyde	77	3.418	3.418	0.000	95	31674	1.00	1.00	
$ 6 Phenol-d5	99	3.530	3.530	0.000	98	45948	1.00	0.9448	
8 Aniline	93	3.533	3.533	0.000	94	51175	1.00	0.9694	
7 Phenol	94	3.542	3.543	-0.001	99	49688	1.00	0.9396	
9 Bis(2-chloroethyl)ether	93	3.597	3.600	-0.003	98	37775	1.00	0.9884	
10 Benzonitrile	103	3.606	3.607	-0.001	98	78256	NC	NC	
11 2-Chlorophenol	128	3.651	3.651	0.000	97	39719	1.00	0.9445	
12 n-Decane	43	3.699	3.702	-0.003	87	30923	1.00	0.9723	
13 1,3-Dichlorobenzene	146	3.788	3.789	-0.001	95	46768	1.00	0.9659	
* 14 1,4-Dichlorobenzene-d4	152	3.846	3.846	0.000	95	256140	8.00	8.00	
15 1,4-Dichlorobenzene	146	3.862	3.865	-0.003	95	48217	1.00	0.9759	
17 Benzyl alcohol	108	3.999	4.003	-0.004	94	22677	1.00	0.8532	
18 1,2-Dichlorobenzene	146	4.009	4.012	-0.003	96	46131	1.00	0.9602	
21 2,2'-oxybis[1-chloropropane]	45	4.124	4.127	-0.003	93	42589	1.00	1.01	
20 2-Methylphenol	108	4.130	4.131	-0.001	90	34670	1.00	0.9330	
22 N-Methylaniline	106	4.242	4.246	-0.004	94	60683	1.00	1.02	
23 Acetophenone	105	4.248	4.252	-0.004	94	56885	1.00	0.9284	
24 N-Nitrosodi-n-propylamine	70	4.255	4.258	-0.003	89	25360	1.00	0.9630	
26 4-Methylphenol	108	4.287	4.287	0.000	96	37420	1.00	0.9433	
25 3 & 4 Methylphenol	108	4.287	4.287	0.000	62	37420	1.00	0.9406	
27 Hexachloroethane	117	4.334	4.335	-0.001	91	16611	1.00	0.9705	
$ 28 Nitrobenzene-d5	82	4.392	4.396	-0.004	85	42300	1.00	0.9469	
29 Nitrobenzene	123	4.411	4.415	-0.004	97	21914	1.00	1.02	
30 n,n'-Dimethylaniline	120	4.414	4.418	-0.004	97	66022	1.00	0.9853	
31 Isophorone	82	4.644	4.648	-0.004	99	69460	1.00	0.9374	
32 2-Nitrophenol	139	4.721	4.722	-0.001	94	21498	1.00	0.8907	
33 2,4-Dimethylphenol	122	4.794	4.795	-0.001	91	29610	1.00	0.9111	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 Bis(2-chloroethoxy)methane	93	4.874	4.875	-0.001	98	46958	1.00	0.9363	
35 Benzoic acid	122	4.865	4.914	-0.049	87	13107	1.00	1.04	
36 2,4-Dichlorophenol	162	4.970	4.971	-0.001	96	32924	1.00	0.8776	
37 1,2,4-Trichlorobenzene	180	5.034	5.035	-0.001	94	40159	1.00	0.9726	
* 38 Naphthalene-d8	136	5.082	5.083	-0.001	99	1050003	8.00	8.00	
39 Naphthalene	128	5.101	5.102	-0.001	99	132435	1.00	0.9728	
40 4-Chloroaniline	127	5.178	5.179	-0.001	97	45338	1.00	1.02	
41 2,6-Dichlorophenol	162	5.178	5.179	-0.001	96	33783	1.00	0.8835	
42 Hexachlorobutadiene	225	5.232	5.233	-0.001	95	23479	1.00	0.9784	
44 Caprolactam	113	5.478	5.498	-0.020	93	7585	1.00	0.8221	
45 4-Chloro-3-methylphenol	107	5.673	5.674	-0.001	97	31160	1.00	0.8899	
46 2-Methylnaphthalene	142	5.772	5.770	0.002	84	90281	1.00	0.9727	
47 1-Methylnaphthalene	142	5.861	5.863	-0.002	92	83101	1.00	0.9620	
48 Hexachlorocyclopentadiene	237	5.925	5.927	-0.002	97	24089	1.00	0.8558	
49 1,2,4,5-Tetrachlorobenzene	216	5.931	5.933	-0.002	97	41753	1.00	0.9366	
50 2-tertbutyl-4-methylphenol	149	5.998	6.000	-0.002	91	48364	1.00	0.9156	
51 2,4,6-Trichlorophenol	196	6.056	6.055	0.001	90	24659	1.00	0.9023	
52 2,4,5-Trichlorophenol	196	6.097	6.096	0.001	98	26749	1.00	0.8851	
$ 53 2-Fluorobiphenyl	172	6.129	6.132	-0.003	97	106269	1.00	0.9565	
54 1,1'-Biphenyl	154	6.219	6.221	-0.002	96	110917	1.00	0.9360	
55 2-Chloronaphthalene	162	6.229	6.231	-0.003	99	85197	1.00	0.9353	
56 Phenyl ether	170	6.324	6.327	-0.003	85	61284	1.00	0.9493	
57 2-Nitroaniline	65	6.344	6.346	-0.002	92	19066	1.00	0.8623	
58 1,3-Dimethylnaphthalene	156	6.443	6.445	-0.002	93	69407	1.00	0.9547	
60 Coumarin	146	6.529	6.534	-0.005	67	30924	1.00	0.9428	
59 Dimethyl phthalate	163	6.529	6.534	-0.005	99	93253	1.00	0.9462	
61 2,6-Dinitrotoluene	165	6.580	6.582	-0.002	96	20280	1.00	0.9775	
62 Acenaphthylene	152	6.618	6.621	-0.003	97	128447	1.00	0.9314	
63 3-Nitroaniline	138	6.736	6.739	-0.003	93	19438	1.00	0.8862	a
* 64 Acenaphthene-d10	164	6.756	6.755	0.001	95	604480	8.00	8.00	
65 Acenaphthene	154	6.784	6.787	-0.003	95	81309	1.00	0.9692	
66 3,5-di-tert-butyl-4-hydroxytol	205	6.804	6.803	0.001	97	61629	1.00	0.8574	
67 2,4-Dinitrophenol	184	6.836	6.838	-0.002	96	16641	2.00	2.09	
68 4-Nitrophenol	65	6.944	6.944	0.000	82	25872	2.00	1.64	
70 Dibenzofuran	168	6.951	6.950	0.001	95	124843	1.00	0.9481	
69 2,4-Dinitrotoluene	165	6.957	6.960	-0.003	94	25585	1.00	0.9234	
71 2,3,4,6-Tetrachlorophenol	232	7.078	7.081	-0.003	94	21314	1.00	0.8689	
72 Diethyl phthalate	149	7.200	7.206	-0.006	98	114259	1.00	1.17	
73 Fluorene	166	7.270	7.273	-0.003	94	95671	1.00	0.9570	
74 4-Chlorophenyl phenyl ether	204	7.286	7.286	0.000	90	46013	1.00	0.9563	
75 4-Nitroaniline	138	7.308	7.318	-0.010	90	16881	1.00	0.8216	
76 4,6-Dinitro-2-methylphenol	198	7.337	7.344	-0.007	88	24966	2.00	1.42	
77 N-Nitrosodiphenylamine	169	7.401	7.405	-0.004	97	65132	1.00	0.8979	
131 Azobenzene	77	7.433	7.437	-0.004	0	88246	1.00	0.9152	
78 1,2-Diphenylhydrazine	77	7.433	7.437	-0.004	99	88246	1.00	0.9153	
$ 79 2,4,6-Tribromophenol	330	7.500	7.504	-0.004	92	18826	1.00	0.9181	
80 4-Bromophenyl phenyl ether	248	7.743	7.747	-0.004	93	27757	1.00	0.9279	
82 Hexachlorobenzene	284	7.788	7.788	0.000	96	35600	1.00	0.9612	
83 Atrazine	200	7.925	7.926	-0.001	94	22347	1.00	0.9470	
84 Pentachlorophenol	266	7.986	7.990	-0.004	94	32734	2.00	2.11	
85 Pentachloronitrobenzene	237	7.992	7.996	-0.004	86	11081	1.00	0.8389	
87 n-Octadecane	57	8.107	8.105	0.002	90	44568	1.00	0.8466	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
* 88 Phenanthrene-d10	188	8.149	8.150	-0.001	98	1128282	8.00	8.00	
89 Phenanthrene	178	8.171	8.172	-0.001	98	137207	1.00	0.9350	
90 Anthracene	178	8.219	8.220	-0.001	98	137429	1.00	0.9306	
91 Carbazole	167	8.385	8.390	-0.005	96	115301	1.00	0.9048	
92 Di-n-butyl phthalate	149	8.749	8.751	-0.002	99	114892	1.00	0.7997	
93 Fluoranthene	202	9.289	9.291	-0.002	98	130422	1.00	0.9281	
94 Benzidine	184	9.442	9.444	-0.002	99	31008	1.00	0.7235	
95 Pyrene	202	9.496	9.499	-0.002	97	136592	1.00	0.9694	
96 Bisphenol-A	213	9.596	9.594	0.002	99	33519	1.00	0.8112	
$ 97 Terphenyl-d14	244	9.675	9.675	0.000	97	109487	1.00	0.9566	
98 Butyl benzyl phthalate	149	10.164	10.164	0.000	97	37777	1.00	0.7654	
100 Carbamazepine	193	10.238	10.240	-0.002	91	17066	1.00	1.27	
101 3,3'-Dichlorobenzidine	252	10.666	10.669	-0.003	70	32251	1.00	0.8776	
102 Benzo[a]anthracene	228	10.666	10.669	-0.003	99	110787	1.00	0.9347	
* 103 Chrysene-d12	240	10.675	10.679	-0.003	99	739686	8.00	8.00	
104 Chrysene	228	10.701	10.704	-0.003	98	112363	1.00	0.99	
105 Bis(2-ethylhexyl) phthalate	149	10.778	10.778	0.000	86	45118	1.00	0.8498	
106 Di-n-octyl phthalate	149	11.522	11.523	-0.001	96	62573	1.00	1.05	
107 Benzo[b]fluoranthene	252	11.877	11.881	-0.004	98	93906	1.00	0.9424	
108 Benzo[k]fluoranthene	252	11.909	11.913	-0.004	98	97214	1.00	0.9324	
109 Benzo[a]pyrene	252	12.273	12.277	-0.004	96	80455	1.00	0.9105	
* 110 Perylene-d12	264	12.350	12.348	0.002	99	726905	8.00	8.00	
111 Indeno[1,2,3-cd]pyrene	276	13.734	13.739	-0.005	99	93096	1.00	0.9187	
112 Dibenz(a,h)anthracene	278	13.779	13.783	-0.004	97	96438	1.00	0.9328	
113 Benzo[g,h,i]perylene	276	14.070	14.078	-0.008	98	94188	1.00	0.9513	
S 115 Total Cresols	1				0			1.87	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

a - User Assigned ID

Reagents:

SV_BNAL4_LVI_00008 Amount Added: 1.00 Units: mL

Report Date: 18-Apr-2024 07:28:37 Chrom Revision: 2.3 09-Apr-2024 17:43:44

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20240417-174798.b\P84786.D

Injection Date: 17-Apr-2024 15:28:30 Instrument ID: CBNAMS18 Operator ID:

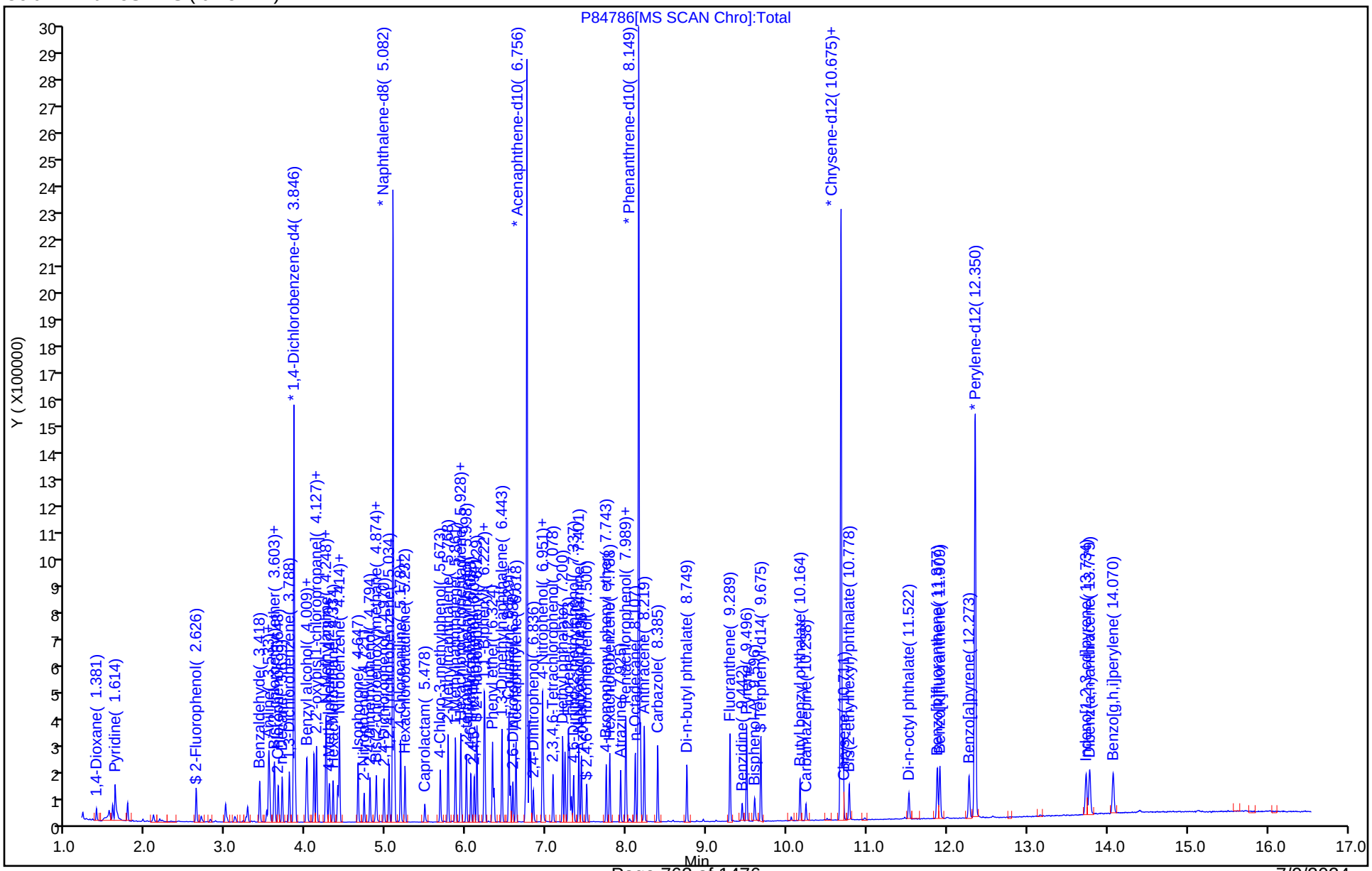
Lims ID: STD1 Worklist Smp#: 7

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 7

Method: 8270LVI_18 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



7/9/2024
8:32:15 AM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20240417-174798.b\P84788.D
Lims ID: STD04
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 17-Apr-2024 16:11:30 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0174798-008
Operator ID: Instrument ID: CBNAMS18
Sublist: chrom-8270LVI_18*sub37

Method: \\chromfs\Edison\ChromData\CBNAMS18\20240417-174798.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 18-Apr-2024 07:28:39 Calib Date: 17-Apr-2024 18:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20240417-174798.b\P84794.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1670

First Level Reviewer: G4KC Date: 18-Apr-2024 07:20:11

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
5 Benzaldehyde	77	3.418	3.418	0.000	94	12900	0.4000	0.3872	
* 14 1,4-Dichlorobenzene-d4	152	3.846	3.846	0.000	95	269078	8.00	8.00	
* 38 Naphthalene-d8	136	5.081	5.083	-0.002	99	1074877	8.00	8.00	
44 Caprolactam	113	5.477	5.498	-0.021	94	2869	0.4000	0.3973	
* 64 Acenaphthene-d10	164	6.755	6.755	0.000	96	612873	8.00	8.00	
83 Atrazine	200	7.924	7.926	-0.002	94	7600	0.4000	0.3193	
* 88 Phenanthrene-d10	188	8.151	8.150	0.001	98	1138073	8.00	8.00	
* 103 Chrysene-d12	240	10.673	10.679	-0.005	99	693524	8.00	8.00	
* 110 Perylene-d12	264	12.348	12.348	0.000	99	695818	8.00	8.00	

QC Flag Legend
Processing Flags

Reagents:
SV_BNAL3_LVI_00008 Amount Added: 1.00 Units: mL

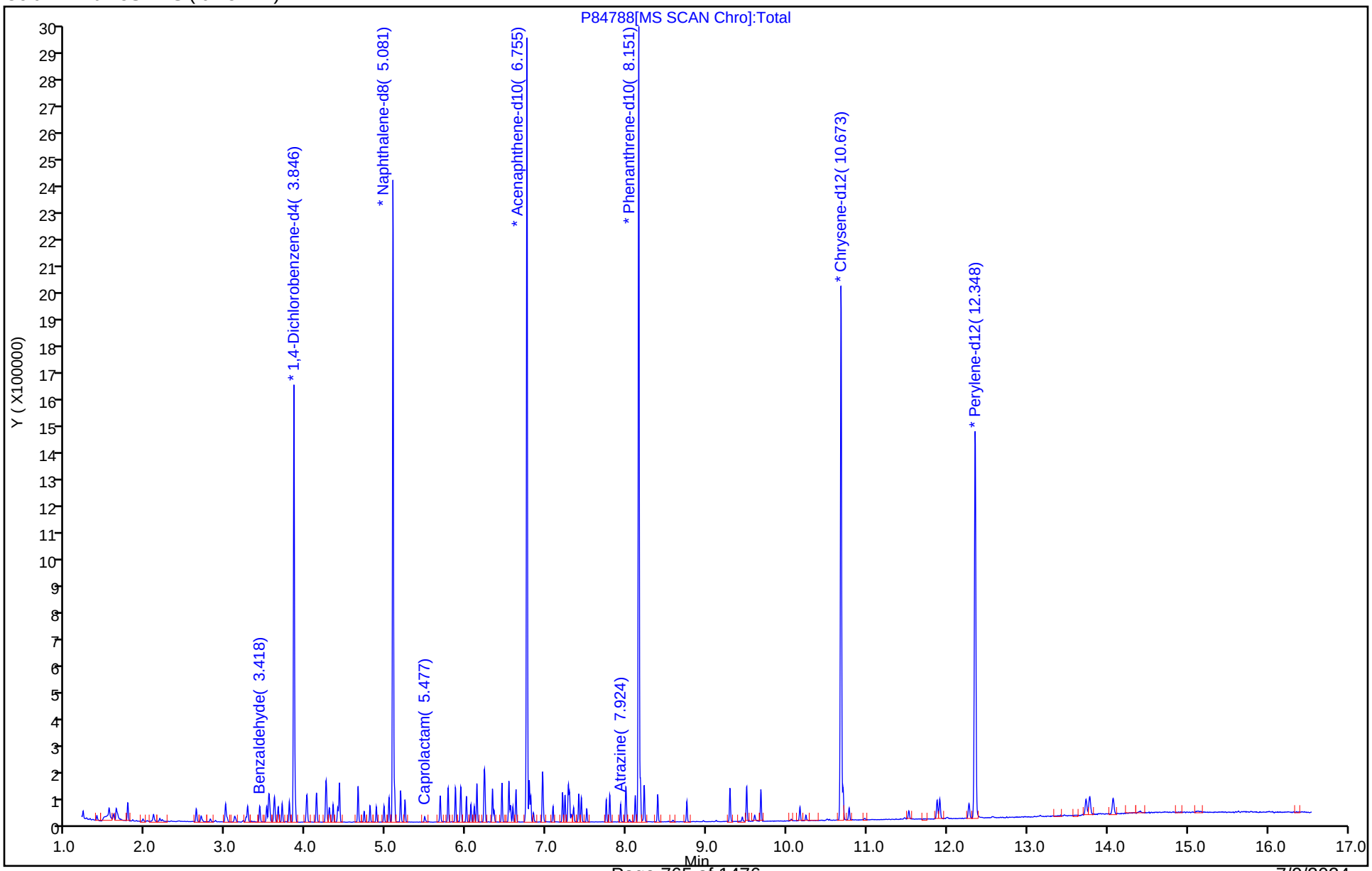
Report Date: 18-Apr-2024 07:28:40 Chrom Revision: 2.3 09-Apr-2024 17:43:44

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20240417-174798.b\P84788.D

Injection Date:	17-Apr-2024 16:11:30	Instrument ID:	CBNAMS18	Operator ID:	
Lims ID:	STD04			Worklist Smp#:	8
Client ID:					
Injection Vol:	5.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



7/9/2024
8:32:15 AM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20240417-174798.b\P84790.D
Lims ID: STD02
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 17-Apr-2024 16:53:30 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0174798-009
Operator ID: Instrument ID: CBNAMS18
Sublist: chrom-8270LVI_18*sub37

Method: \\chromfs\Edison\ChromData\CBNAMS18\20240417-174798.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 18-Apr-2024 07:28:41 Calib Date: 17-Apr-2024 18:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20240417-174798.b\P84794.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1670

First Level Reviewer: G4KC Date: 18-Apr-2024 07:20:36

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.388	1.375	0.013	93	2931	0.2000	0.1864	
3 Pyridine	79	1.643	1.598	0.045	95	13145	0.4000	0.3662	
$ 4 2-Fluorophenol	112	2.629	2.623	0.006	94	6452	0.2000	0.1609	
5 Benzaldehyde	77	3.421	3.418	0.003	96	6182	0.2000	0.1976	
$ 6 Phenol-d5	99	3.533	3.530	0.003	98	7666	0.2000	0.1598	
9 Bis(2-chloroethyl)ether	93	3.597	3.600	-0.003	98	7584	0.2000	0.2011	
* 14 1,4-Dichlorobenzene-d4	152	3.846	3.846	0.000	95	252726	8.00	8.00	
22 N-Methylaniline	106	4.245	4.246	-0.001	94	9572	0.2000	0.1627	
24 N-Nitrosodi-n-propylamine	70	4.254	4.258	-0.004	87	4586	0.2000	0.1765	
27 Hexachloroethane	117	4.334	4.335	-0.001	90	3325	0.2000	0.1969	
$ 28 Nitrobenzene-d5	82	4.392	4.396	-0.004	87	7811	0.2000	0.1815	
29 Nitrobenzene	123	4.411	4.415	-0.004	94	3459	0.2000	0.1635	
30 n,n'-Dimethylaniline	120	4.414	4.418	-0.004	92	11842	0.2000	0.1791	
31 Isophorone	82	4.647	4.648	-0.001	99	12222	0.2000	0.1713	
37 1,2,4-Trichlorobenzene	180	5.033	5.035	-0.002	95	7619	0.2000	0.1916	
* 38 Naphthalene-d8	136	5.081	5.083	-0.002	99	1011232	8.00	8.00	
39 Naphthalene	128	5.100	5.102	-0.002	98	25472	0.2000	0.1943	
40 4-Chloroaniline	127	5.177	5.179	-0.002	91	7342	0.2000	0.1708	
42 Hexachlorobutadiene	225	5.231	5.233	-0.002	94	4503	0.2000	0.1948	
44 Caprolactam	113	5.480	5.498	-0.018	83	1089	0.2000	0.2488	
46 2-Methylnaphthalene	142	5.771	5.770	0.001	84	16624	0.2000	0.1860	
47 1-Methylnaphthalene	142	5.860	5.863	-0.003	92	16770	0.2000	0.2016	
50 2-tertbutyl-4-methylphenol	149	5.997	6.000	-0.003	90	8012	0.2000	0.1575	
51 2,4,6-Trichlorophenol	196	6.055	6.055	0.000	90	4057	0.2000	0.1535	
$ 53 2-Fluorobiphenyl	172	6.132	6.132	0.000	97	19352	0.2000	0.1801	
61 2,6-Dinitrotoluene	165	6.579	6.582	-0.003	95	3112	0.2000	0.1551	
* 64 Acenaphthene-d10	164	6.754	6.755	-0.001	95	584589	8.00	8.00	
69 2,4-Dinitrotoluene	165	6.959	6.960	-0.001	91	3592	0.2000	0.1341	a
73 Fluorene	166	7.272	7.273	-0.001	94	18078	0.2000	0.1870	
$ 79 2,4,6-Tribromophenol	330	7.501	7.504	-0.003	82	3060	0.2000	0.1543	
82 Hexachlorobenzene	284	7.789	7.788	0.001	94	7113	0.2000	0.2047	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
83 Atrazine	200	7.923	7.926	-0.003	92	3104	0.2000	0.1402	
* 88 Phenanthrene-d10	188	8.150	8.150	0.000	98	1058677	8.00	8.00	
93 Fluoranthene	202	9.289	9.291	-0.002	97	23262	0.2000	0.1764	
95 Pyrene	202	9.497	9.499	-0.001	98	24138	0.2000	0.1934	
$ 97 Terphenyl-d14	244	9.673	9.675	-0.002	97	19307	0.2000	0.1905	
101 3,3'-Dichlorobenzidine	252	10.666	10.669	-0.003	63	3831	0.2000	0.2374	
102 Benzo[a]anthracene	228	10.666	10.669	-0.003	98	19714	0.2000	0.1878	
* 103 Chrysene-d12	240	10.675	10.679	-0.003	99	655028	8.00	8.00	
104 Chrysene	228	10.701	10.704	-0.003	98	19546	0.2000	0.1954	
105 Bis(2-ethylhexyl) phthalate	149	10.775	10.778	-0.003	88	6284	0.2000	0.2390	
107 Benzo[b]fluoranthene	252	11.873	11.881	-0.008	98	15476	0.2000	0.1742	
108 Benzo[k]fluoranthene	252	11.909	11.913	-0.004	99	17263	0.2000	0.1857	
109 Benzo[a]pyrene	252	12.273	12.277	-0.004	95	13009	0.2000	0.1651	
* 110 Perylene-d12	264	12.346	12.348	-0.002	99	648040	8.00	8.00	
111 Indeno[1,2,3-cd]pyrene	276	13.730	13.739	-0.009	97	17163	0.2000	0.1900	
112 Dibenz(a,h)anthracene	278	13.778	13.783	-0.005	97	17941	0.2000	0.1947	
113 Benzo[g,h,i]perylene	276	14.073	14.078	-0.005	97	17533	0.2000	0.1986	a

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

SV_BNAL2_LVI_00006 Amount Added: 1.00 Units: mL

Report Date: 18-Apr-2024 07:28:43 Chrom Revision: 2.3 09-Apr-2024 17:43:44

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20240417-174798.b\P84790.D

Injection Date: 17-Apr-2024 16:53:30 Instrument ID: CBNAMS18 Operator ID:

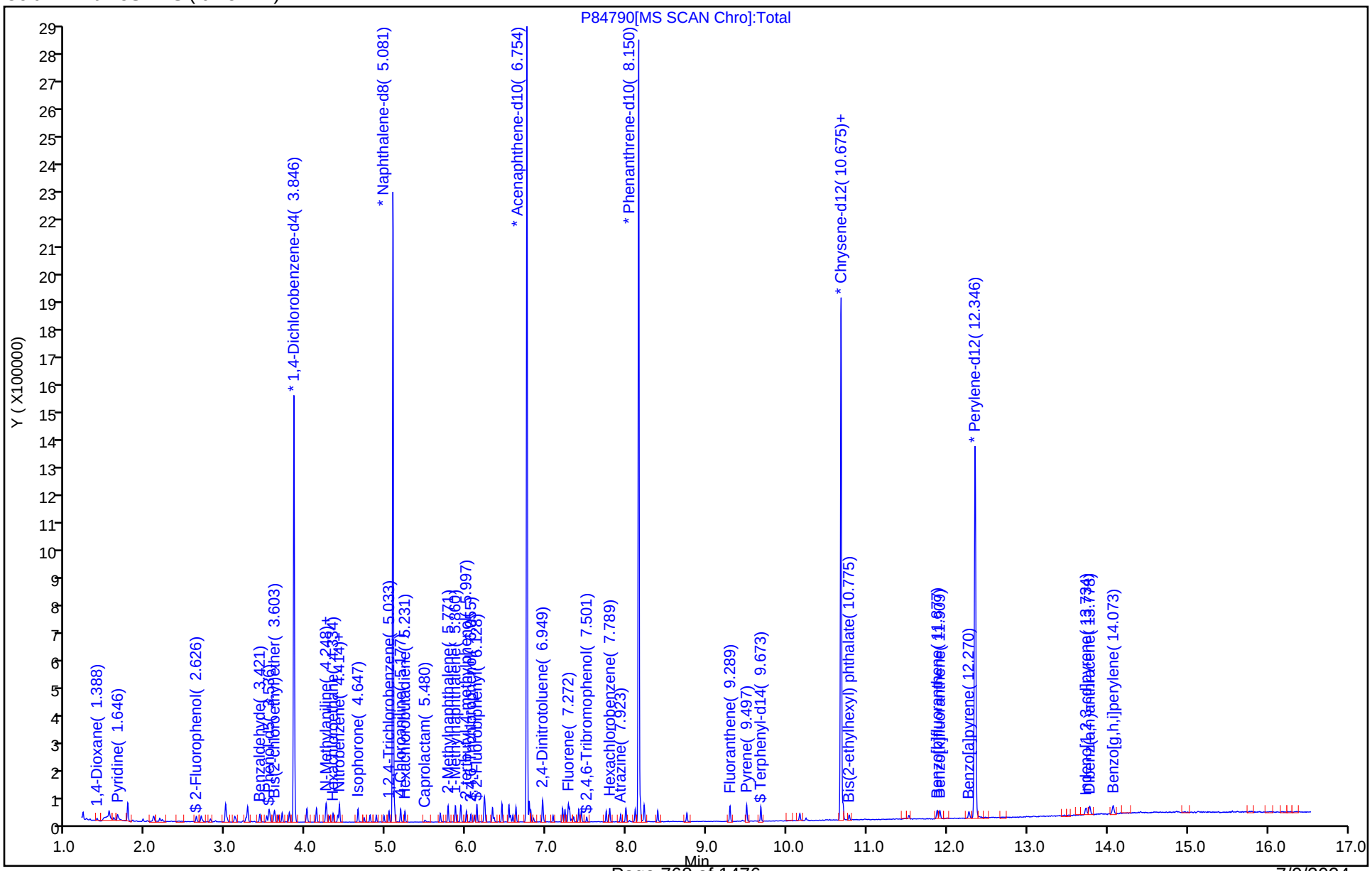
Lims ID: STD02 Worklist Smp#: 9

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 9

Method: 8270LVI_18 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



7/9/2024
8:32:15 AM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20240417-174798.b\P84792.D
Lims ID: STD01
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 17-Apr-2024 17:35:30 ALS Bottle#: 11 Worklist Smp#: 10
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0174798-010
Operator ID: Instrument ID: CBNAMS18
Sublist: chrom-8270LVI_18*sub37

Method: \\chromfs\Edison\ChromData\CBNAMS18\20240417-174798.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 18-Apr-2024 07:28:45 Calib Date: 17-Apr-2024 18:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20240417-174798.b\P84794.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1670

First Level Reviewer: G4KC Date: 18-Apr-2024 06:36:13

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.394	1.375	0.019	92	1495	0.1000	0.0857	
3 Pyridine	79	1.671	1.598	0.073	40	6237	0.2000	0.1567	a
$ 6 Phenol-d5	99	3.533	3.530	0.003	97	3949	0.1000	0.0742	
9 Bis(2-chloroethyl)ether	93	3.600	3.600	0.000	97	3866	0.1000	0.0924	
* 14 1,4-Dichlorobenzene-d4	152	3.849	3.846	0.003	96	280278	8.00	8.00	
22 N-Methylaniline	106	4.244	4.246	-0.002	92	3899	0.1000	0.0598	
24 N-Nitrosodi-n-propylamine	70	4.257	4.258	-0.001	90	2349	0.1000	0.0815	
27 Hexachloroethane	117	4.337	4.335	0.002	85	1575	0.1000	0.0841	
$ 28 Nitrobenzene-d5	82	4.394	4.396	-0.002	85	4273	0.1000	0.0893	
29 Nitrobenzene	123	4.414	4.415	-0.001	94	1984	0.1000	0.0846	
30 n,n'-Dimethylaniline	120	4.417	4.418	-0.001	92	6506	0.1000	0.0887	
37 1,2,4-Trichlorobenzene	180	5.033	5.035	-0.002	91	3954	0.1000	0.0894	
* 38 Naphthalene-d8	136	5.081	5.083	-0.002	99	1124487	8.00	8.00	
39 Naphthalene	128	5.103	5.102	0.001	96	13700	0.1000	0.0940	
40 4-Chloroaniline	127	5.177	5.179	-0.002	90	3569	0.1000	0.0747	
42 Hexachlorobutadiene	225	5.234	5.233	0.001	90	2448	0.1000	0.0953	
$ 53 2-Fluorobiphenyl	172	6.131	6.132	-0.001	97	10462	0.1000	0.0889	
* 64 Acenaphthene-d10	164	6.754	6.755	-0.001	95	640191	8.00	8.00	
82 Hexachlorobenzene	284	7.788	7.788	0.000	95	3443	0.1000	0.0901	
* 88 Phenanthrene-d10	188	8.149	8.150	-0.001	98	1163587	8.00	8.00	
$ 97 Terphenyl-d14	244	9.675	9.675	0.000	96	8928	0.1000	0.0821	
102 Benzo[a]anthracene	228	10.665	10.669	-0.004	96	11223	0.1000	0.0997	
* 103 Chrysene-d12	240	10.674	10.679	-0.004	99	702507	8.00	8.00	
107 Benzo[b]fluoranthene	252	11.872	11.881	-0.009	97	7992	0.1000	0.0845	
108 Benzo[k]fluoranthene	252	11.908	11.913	-0.005	96	7510	0.1000	0.0759	
109 Benzo[a]pyrene	252	12.272	12.277	-0.005	94	6215	0.1000	0.0741	
* 110 Perylene-d12	264	12.348	12.348	0.000	99	689869	8.00	8.00	
111 Indeno[1,2,3-cd]pyrene	276	13.732	13.739	-0.007	98	8431	0.1000	0.0877	
112 Dibenz(a,h)anthracene	278	13.780	13.783	-0.003	94	8468	0.1000	0.0863	
113 Benzo[g,h,i]perylene	276	14.071	14.078	-0.007	98	8102	0.1000	0.0862	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

SV_BNAL1_LVI_00006 Amount Added: 1.00 Units: mL

Report Date: 18-Apr-2024 07:28:46 Chrom Revision: 2.3 09-Apr-2024 17:43:44

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20240417-174798.b\P84792.D

Injection Date: 17-Apr-2024 17:35:30 Instrument ID: CBNAMS18 Operator ID:

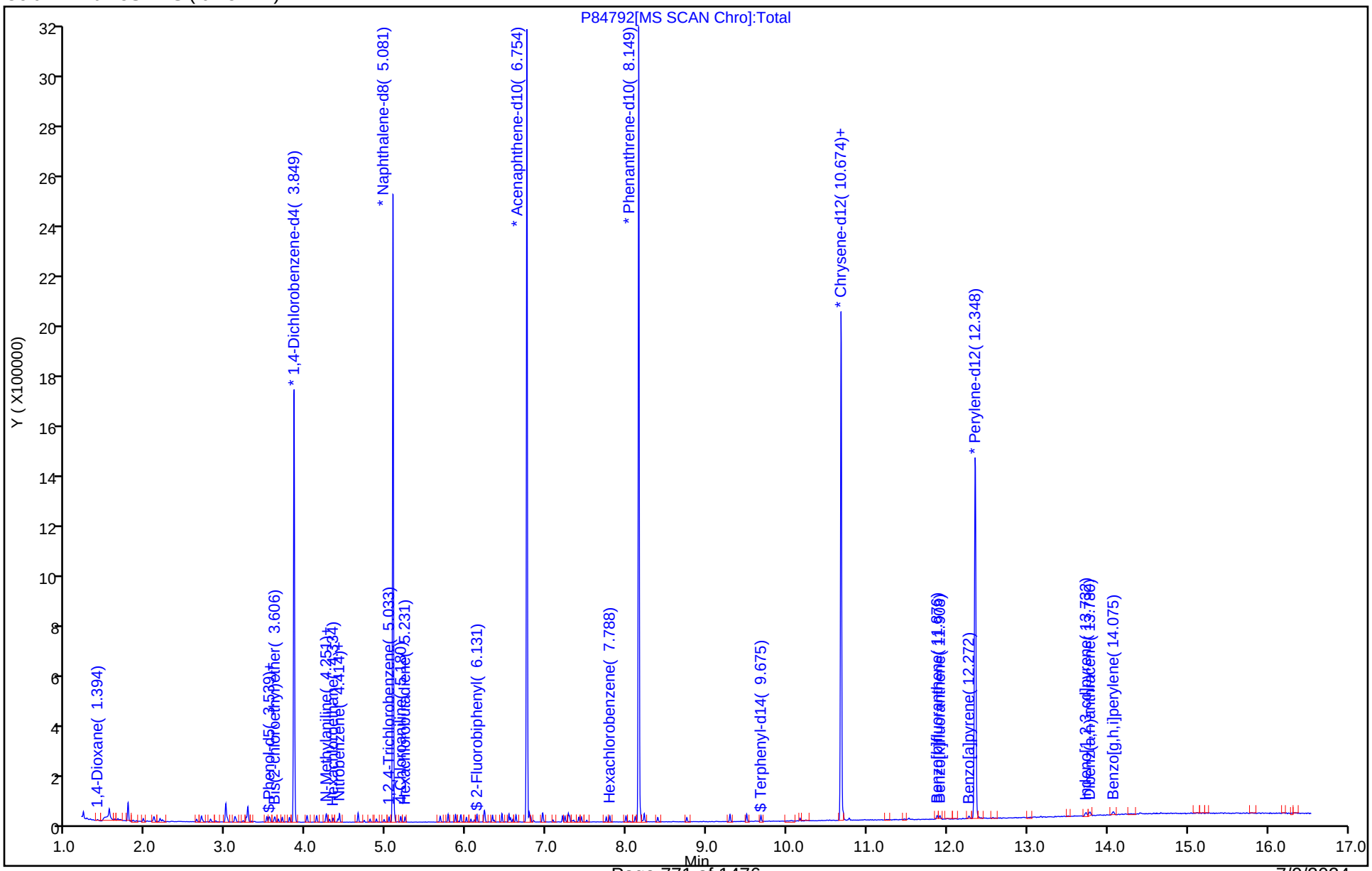
Lims ID: STD01 Worklist Smp#: 10

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 11

Method: 8270LVI_18 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



7/9/2024
8:32:15 AM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20240417-174798.b\P84794.D
Lims ID: ICIS
Client ID:
Sample Type: ICIS Calib Level: 7
Inject. Date: 17-Apr-2024 18:18:30 ALS Bottle#: 13 Worklist Smp#: 11
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0174798-011
Operator ID: Instrument ID: CBNAMS18
Sublist: chrom-8270LVI_18*sub37

Method: \\chromfs\Edison\ChromData\CBNAMS18\20240417-174798.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 18-Apr-2024 07:28:48 Calib Date: 17-Apr-2024 18:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20240417-174798.b\P84794.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1670

First Level Reviewer: G4KC Date: 18-Apr-2024 06:35:46

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.375	1.375	0.000	92	159430	10.0	10.2	
2 N-Nitrosodimethylamine	74	1.573	1.573	0.000	91	239875	10.0	9.77	
3 Pyridine	79	1.598	1.598	0.000	96	718335	20.0	20.1	
$ 4 2-Fluorophenol	112	2.623	2.623	0.000	96	418541	10.0	10.5	
5 Benzaldehyde	77	3.418	3.418	0.000	94	130778	4.00	4.19	
$ 6 Phenol-d5	99	3.530	3.530	0.000	98	526712	10.0	11.0	
8 Aniline	93	3.533	3.533	0.000	98	545885	10.0	10.5	
7 Phenol	94	3.543	3.543	0.000	98	530873	10.0	10.2	
9 Bis(2-chloroethyl)ether	93	3.600	3.600	0.000	98	377375	10.0	10.0	
10 Benzonitrile	103	3.607	3.607	0.000	97	805541	NC	NC	
11 2-Chlorophenol	128	3.651	3.651	0.000	97	419903	10.0	10.1	
12 n-Decane	43	3.702	3.702	0.000	87	312090	10.0	9.97	
13 1,3-Dichlorobenzene	146	3.789	3.789	0.000	99	485779	10.0	10.2	
* 14 1,4-Dichlorobenzene-d4	152	3.846	3.846	0.000	95	252141	8.00	8.00	
15 1,4-Dichlorobenzene	146	3.865	3.865	0.000	96	496302	10.0	10.2	
17 Benzyl alcohol	108	4.003	4.003	0.000	95	264728	10.0	10.1	
18 1,2-Dichlorobenzene	146	4.012	4.012	0.000	97	476871	10.0	10.1	
21 2,2'-oxybis[1-chloropropane]	45	4.127	4.127	0.000	92	408109	10.0	9.79	
20 2-Methylphenol	108	4.131	4.131	0.000	91	375601	10.0	10.3	
22 N-Methylaniline	106	4.246	4.246	0.000	99	658398	10.0	11.2	
23 Acetophenone	105	4.252	4.252	0.000	96	608343	10.0	10.1	
24 N-Nitrosodi-n-propylamine	70	4.258	4.258	0.000	86	271453	10.0	10.5	
26 4-Methylphenol	108	4.287	4.287	0.000	97	396389	10.0	10.2	
25 3 & 4 Methylphenol	108	4.287	4.287	0.000	62	397543	10.0	10.2	
27 Hexachloroethane	117	4.335	4.335	0.000	93	177079	10.0	10.5	
$ 28 Nitrobenzene-d5	82	4.396	4.396	0.000	86	446844	10.0	10.3	
29 Nitrobenzene	123	4.415	4.415	0.000	99	224010	10.0	10.6	
30 n,n'-Dimethylaniline	120	4.418	4.418	0.000	97	697484	10.0	10.6	
31 Isophorone	82	4.648	4.648	0.000	99	739912	10.0	10.3	
32 2-Nitrophenol	139	4.722	4.722	0.000	95	236445	10.0	10.1	
33 2,4-Dimethylphenol	122	4.795	4.795	0.000	92	314974	10.0	9.97	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 Bis(2-chloroethoxy)methane	93	4.875	4.875	0.000	97	487451	10.0	10.0	
35 Benzoic acid	122	4.914	4.914	0.000	88	208857	10.0	8.90	
36 2,4-Dichlorophenol	162	4.971	4.971	0.000	97	373474	10.0	10.2	
37 1,2,4-Trichlorobenzene	180	5.035	5.035	0.000	94	413386	10.0	10.3	
* 38 Naphthalene-d8	136	5.083	5.083	0.000	99	1020962	8.00	8.00	
39 Naphthalene	128	5.102	5.102	0.000	99	1350894	10.0	10.2	
40 4-Chloroaniline	127	5.179	5.179	0.000	98	483125	10.0	11.1	
41 2,6-Dichlorophenol	162	5.179	5.179	0.000	96	381007	10.0	10.2	
42 Hexachlorobutadiene	225	5.233	5.233	0.000	97	236821	10.0	10.1	
44 Caprolactam	113	5.498	5.498	0.000	95	40183	4.00	3.82	
45 4-Chloro-3-methylphenol	107	5.674	5.674	0.000	95	342540	10.0	10.1	
46 2-Methylnaphthalene	142	5.770	5.770	0.000	85	908412	10.0	10.1	
47 1-Methylnaphthalene	142	5.863	5.863	0.000	92	827116	10.0	9.85	
48 Hexachlorocyclopentadiene	237	5.927	5.927	0.000	97	261049	10.0	10.1	
49 1,2,4,5-Tetrachlorobenzene	216	5.933	5.933	0.000	97	415563	10.0	10.1	
50 2-tertbutyl-4-methylphenol	149	6.000	6.000	0.000	91	543130	10.0	10.6	
51 2,4,6-Trichlorophenol	196	6.055	6.055	0.000	92	273912	10.0	10.9	
52 2,4,5-Trichlorophenol	196	6.096	6.096	0.000	98	290344	10.0	10.4	
$ 53 2-Fluorobiphenyl	172	6.132	6.132	0.000	98	1087317	10.0	10.6	
54 1,1'-Biphenyl	154	6.221	6.221	0.000	96	1103661	10.0	10.1	
55 2-Chloronaphthalene	162	6.231	6.231	0.000	99	849909	10.0	10.1	
56 Phenyl ether	170	6.327	6.327	0.000	84	611722	10.0	10.3	
57 2-Nitroaniline	65	6.346	6.346	0.000	92	205081	10.0	10.1	
58 1,3-Dimethylnaphthalene	156	6.445	6.445	0.000	91	676268	10.0	10.1	
60 Coumarin	146	6.534	6.534	0.000	80	318862	10.0	10.0	
59 Dimethyl phthalate	163	6.534	6.534	0.000	99	917489	10.0	10.1	
61 2,6-Dinitrotoluene	165	6.582	6.582	0.000	96	201490	10.0	10.6	
62 Acenaphthylene	152	6.621	6.621	0.000	98	1301145	10.0	10.3	
63 3-Nitroaniline	138	6.739	6.739	0.000	97	209863	10.0	10.4	
* 64 Acenaphthene-d10	164	6.755	6.755	0.000	95	556298	8.00	8.00	
65 Acenaphthene	154	6.787	6.787	0.000	95	777630	10.0	10.1	
66 3,5-di-tert-butyl-4-hydroxytol	205	6.803	6.803	0.000	97	678372	10.0	10.3	
67 2,4-Dinitrophenol	184	6.838	6.838	0.000	96	262008	20.0	19.2	
68 4-Nitrophenol	65	6.944	6.944	0.000	84	296477	20.0	20.4	
70 Dibenzofuran	168	6.950	6.950	0.000	97	1243125	10.0	10.3	
69 2,4-Dinitrotoluene	165	6.960	6.960	0.000	94	276140	10.0	10.8	a
71 2,3,4,6-Tetrachlorophenol	232	7.081	7.081	0.000	97	232506	10.0	10.3	
72 Diethyl phthalate	149	7.206	7.206	0.000	98	864791	10.0	9.60	
73 Fluorene	166	7.273	7.273	0.000	94	941761	10.0	10.2	
74 4-Chlorophenyl phenyl ether	204	7.286	7.286	0.000	91	445149	10.0	10.1	
75 4-Nitroaniline	138	7.318	7.318	0.000	85	194393	10.0	10.3	
76 4,6-Dinitro-2-methylphenol	198	7.344	7.344	0.000	89	328861	20.0	21.6	
77 N-Nitrosodiphenylamine	169	7.405	7.405	0.000	98	646255	10.0	10.3	
131 Azobenzene	77	7.437	7.437	0.000	0	864789	10.0	10.3	
78 1,2-Diphenylhydrazine	77	7.437	7.437	0.000	99	864754	10.0	10.3	
$ 79 2,4,6-Tribromophenol	330	7.504	7.504	0.000	92	201847	10.0	10.7	
80 4-Bromophenyl phenyl ether	248	7.747	7.747	0.000	93	264292	10.0	10.2	
82 Hexachlorobenzene	284	7.788	7.788	0.000	96	329632	10.0	10.3	
83 Atrazine	200	7.926	7.926	0.000	95	90548	4.00	4.43	
84 Pentachlorophenol	266	7.990	7.990	0.000	95	421473	20.0	19.3	
85 Pentachloronitrobenzene	237	7.996	7.996	0.000	90	118955	10.0	10.4	
87 n-Octadecane	57	8.105	8.105	0.000	89	477016	10.0	10.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
* 88 Phenanthrene-d10	188	8.150	8.150	0.000	98	978226	8.00	8.00	
89 Phenanthrene	178	8.172	8.172	0.000	97	1289745	10.0	10.1	
90 Anthracene	178	8.220	8.220	0.000	98	1310255	10.0	10.2	
91 Carbazole	167	8.390	8.390	0.000	96	1129080	10.0	10.2	
92 Di-n-butyl phthalate	149	8.751	8.751	0.000	99	1302132	10.0	10.5	
93 Fluoranthene	202	9.291	9.291	0.000	98	1275245	10.0	10.5	
94 Benzidine	184	9.444	9.444	0.000	99	363144	10.0	9.77	
95 Pyrene	202	9.499	9.499	0.000	97	1316669	10.0	10.3	
96 Bisphenol-A	213	9.594	9.594	0.000	99	374014	10.0	9.94	
$ 97 Terphenyl-d14	244	9.675	9.675	0.000	97	1109025	10.0	10.6	
98 Butyl benzyl phthalate	149	10.164	10.164	0.000	96	490347	10.0	10.9	
99 2,3,7,8-TCDD	320	10.215	10.215	0.000	92	1546	0.1000	0.1000	
100 Carbamazepine	193	10.240	10.240	0.000	93	301145	10.0	8.85	
101 3,3'-Dichlorobenzidine	252	10.669	10.669	0.000	99	421050	10.0	10.1	
102 Benzo[a]anthracene	228	10.669	10.669	0.000	99	1128975	10.0	10.5	
* 103 Chrysene-d12	240	10.679	10.679	0.000	99	673821	8.00	8.00	
104 Chrysene	228	10.704	10.704	0.000	98	1067765	10.0	10.4	
105 Bis(2-ethylhexyl) phthalate	149	10.778	10.778	0.000	85	652830	10.0	10.5	
106 Di-n-octyl phthalate	149	11.523	11.523	0.000	96	993667	10.0	9.51	
107 Benzo[b]fluoranthene	252	11.881	11.881	0.000	98	993381	10.0	10.8	
108 Benzo[k]fluoranthene	252	11.913	11.913	0.000	99	1031140	10.0	10.7	
109 Benzo[a]pyrene	252	12.277	12.277	0.000	97	904256	10.0	11.1	
* 110 Perylene-d12	264	12.348	12.348	0.000	99	672195	8.00	8.00	
111 Indeno[1,2,3-cd]pyrene	276	13.739	13.739	0.000	98	954837	10.0	10.2	
112 Dibenz(a,h)anthracene	278	13.783	13.783	0.000	97	971972	10.0	10.2	
113 Benzo[g,h,i]perylene	276	14.078	14.078	0.000	98	926461	10.0	10.1	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

a - User Assigned ID

Reagents:

SV_BNAL7_LVI_00009 Amount Added: 1.00 Units: mL

Report Date: 18-Apr-2024 07:28:51 Chrom Revision: 2.3 09-Apr-2024 17:43:44

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20240417-174798.b\P84794.D

Injection Date: 17-Apr-2024 18:18:30 Instrument ID: CBNAMS18 Operator ID:

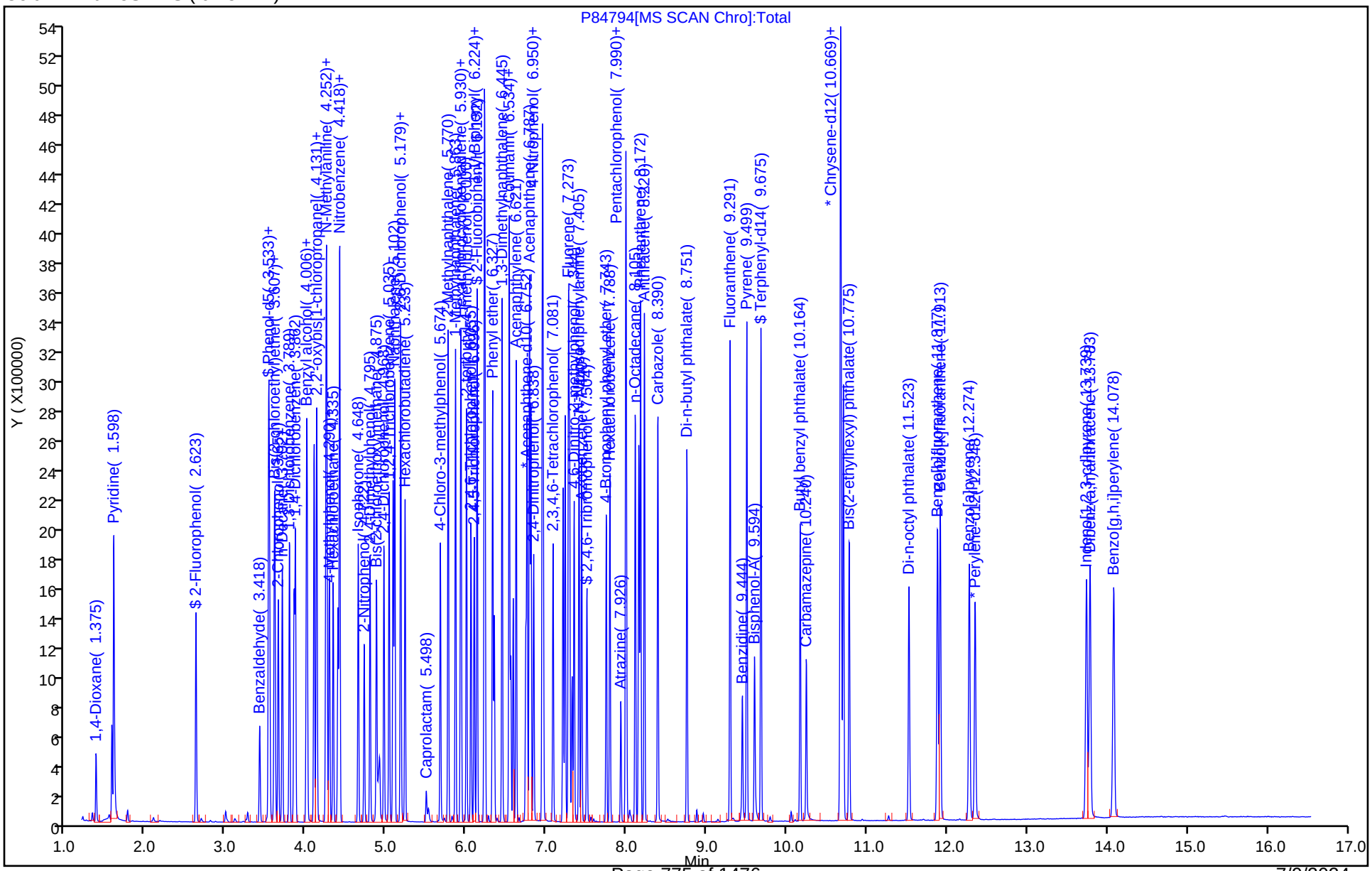
Lims ID: ICIS Worklist Smp#: 11

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 13

Method: 8270LVI_18 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



7/9/2024
8:32:15 AM

Calibration / 1,4-Dioxane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

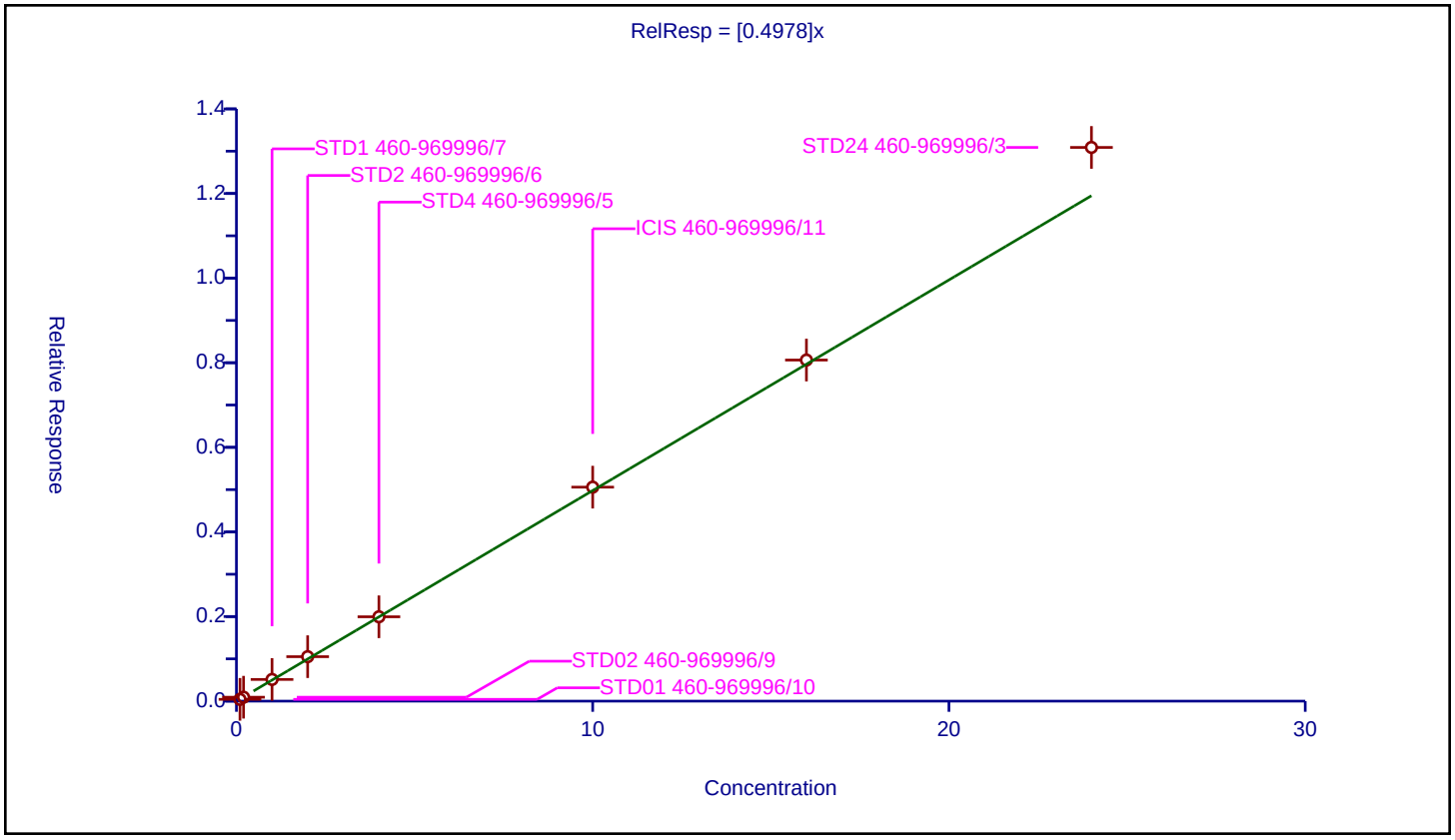
Curve Coefficients

Intercept:	0
Slope:	0.4978

Error Coefficients

Relative Standard Deviation:	7.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-969996/10	0.1	0.042672	8.0	280278.0	0.426719	Y
2	STD02 460-969996/9	0.2	0.09278	8.0	252726.0	0.463902	Y
3	STD1 460-969996/7	1.0	0.512501	8.0	256140.0	0.512501	Y
4	STD2 460-969996/6	2.0	1.05133	8.0	247808.0	0.525665	Y
5	STD4 460-969996/5	4.0	1.994104	8.0	261178.0	0.498526	Y
6	ICIS 460-969996/11	10.0	5.05844	8.0	252141.0	0.505844	Y
7	STD16 460-969996/4	16.0	8.063017	8.0	269514.0	0.503939	Y
8	STD24 460-969996/3	24.0	13.089168	8.0	259431.0	0.545382	Y



7/9/2024
8:32:15 AM

Calibration / N-Nitrosodimethylamine

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

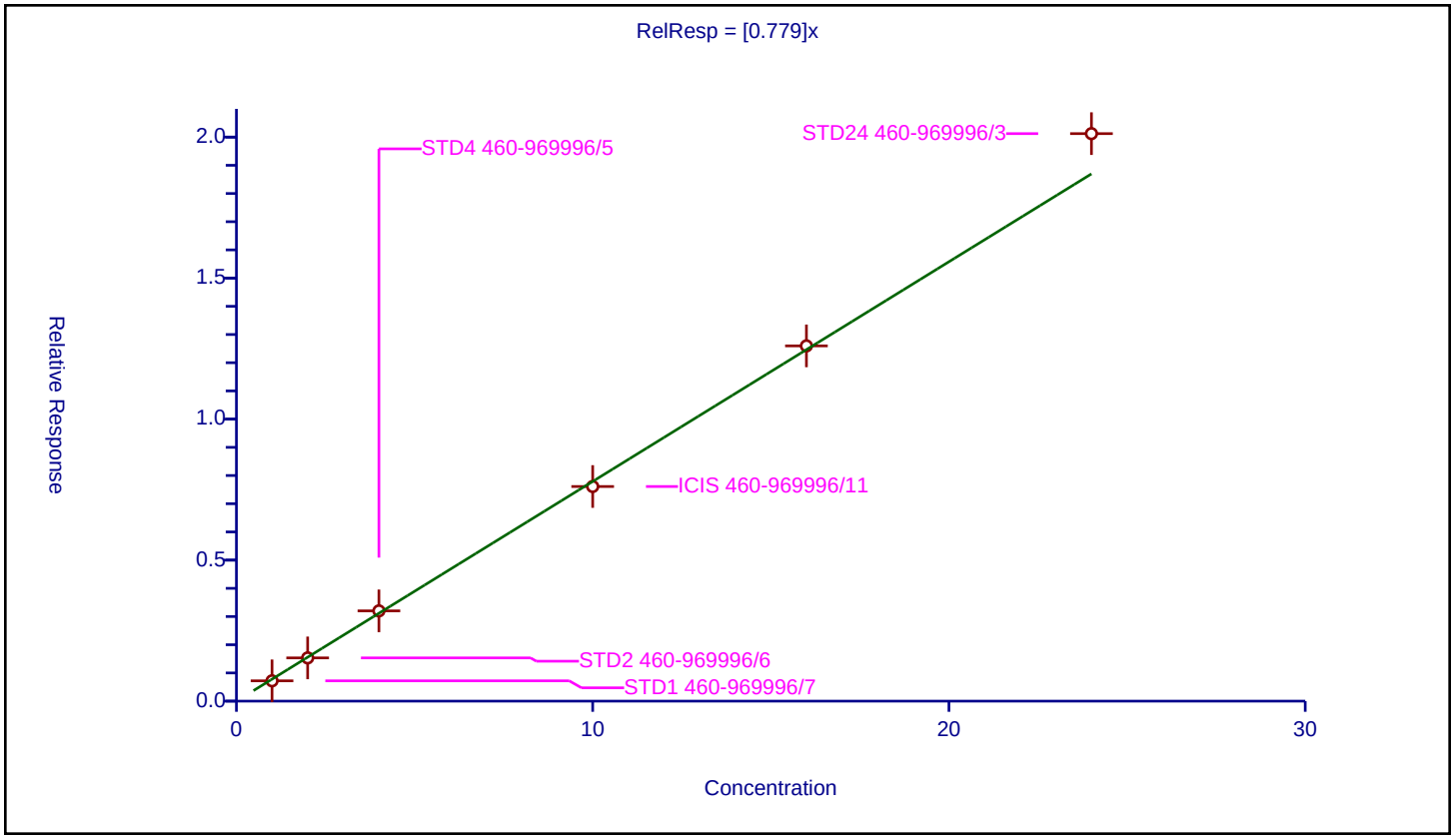
Curve Coefficients

Intercept:	0
Slope:	0.779

Error Coefficients

Relative Standard Deviation:	5.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969996/7	1.0	0.720262	8.0	256140.0	0.720262	Y
2	STD2 460-969996/6	2.0	1.533284	8.0	247808.0	0.766642	Y
3	STD4 460-969996/5	4.0	3.200943	8.0	261178.0	0.800236	Y
4	ICIS 460-969996/11	10.0	7.610821	8.0	252141.0	0.761082	Y
5	STD16 460-969996/4	16.0	12.596362	8.0	269514.0	0.787273	Y
6	STD24 460-969996/3	24.0	20.122314	8.0	259431.0	0.83843	Y



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Calibration / Pyridine

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

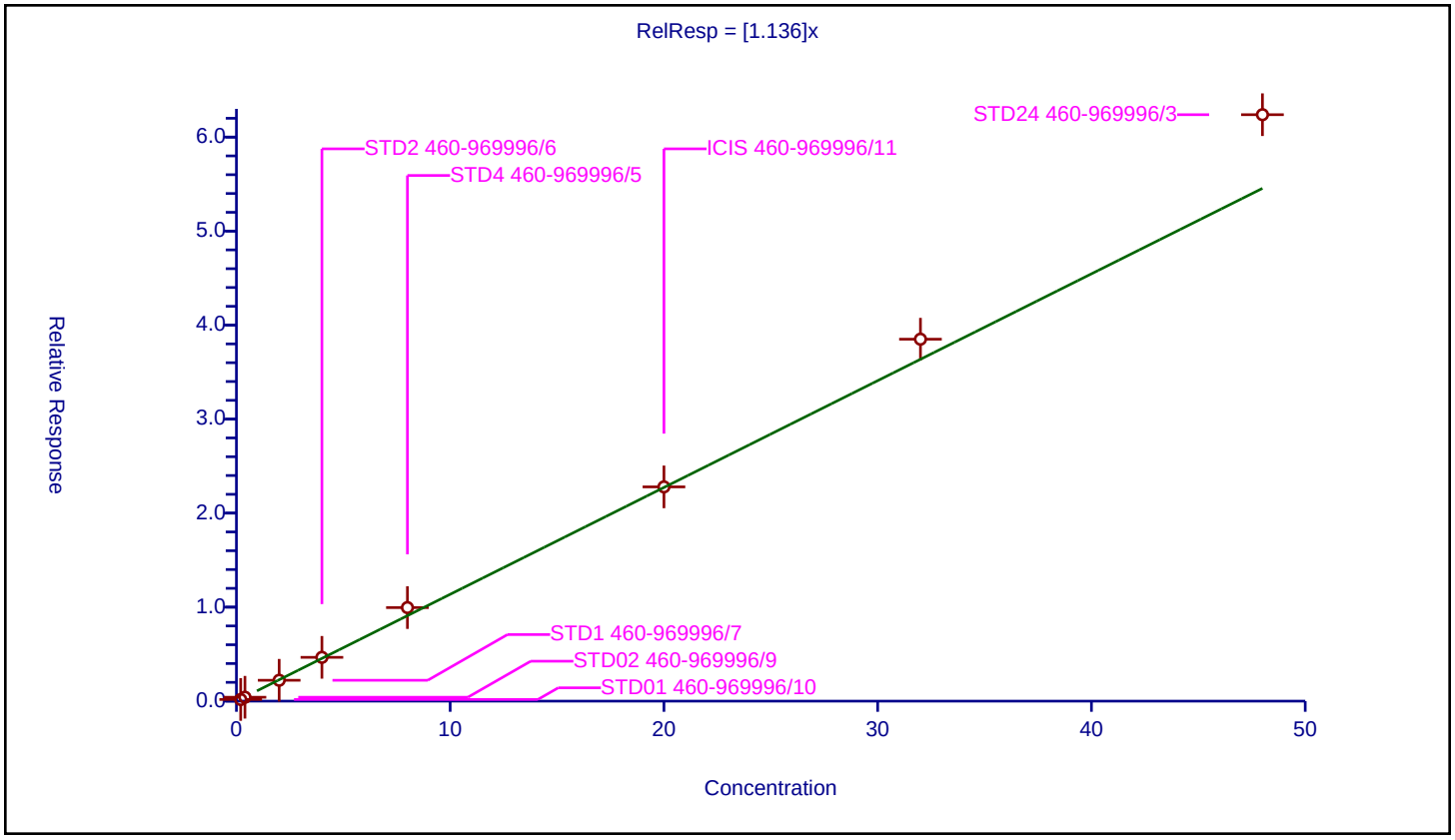
Curve Coefficients

Intercept:	0
Slope:	1.136

Error Coefficients

Relative Standard Deviation:	11.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-969996/10	0.2	0.178023	8.0	280278.0	0.890116	Y
2	STD02 460-969996/9	0.4	0.416103	8.0	252726.0	1.040257	Y
3	STD1 460-969996/7	2.0	2.219286	8.0	256140.0	1.109643	Y
4	STD2 460-969996/6	4.0	4.658574	8.0	247808.0	1.164644	Y
5	STD4 460-969996/5	8.0	9.951711	8.0	261178.0	1.243964	Y
6	ICIS 460-969996/11	20.0	22.791533	8.0	252141.0	1.139577	Y
7	STD16 460-969996/4	32.0	38.501362	8.0	269514.0	1.203168	Y
8	STD24 460-969996/3	48.0	62.382522	8.0	259431.0	1.299636	Y



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Calibration / 2-Fluorophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

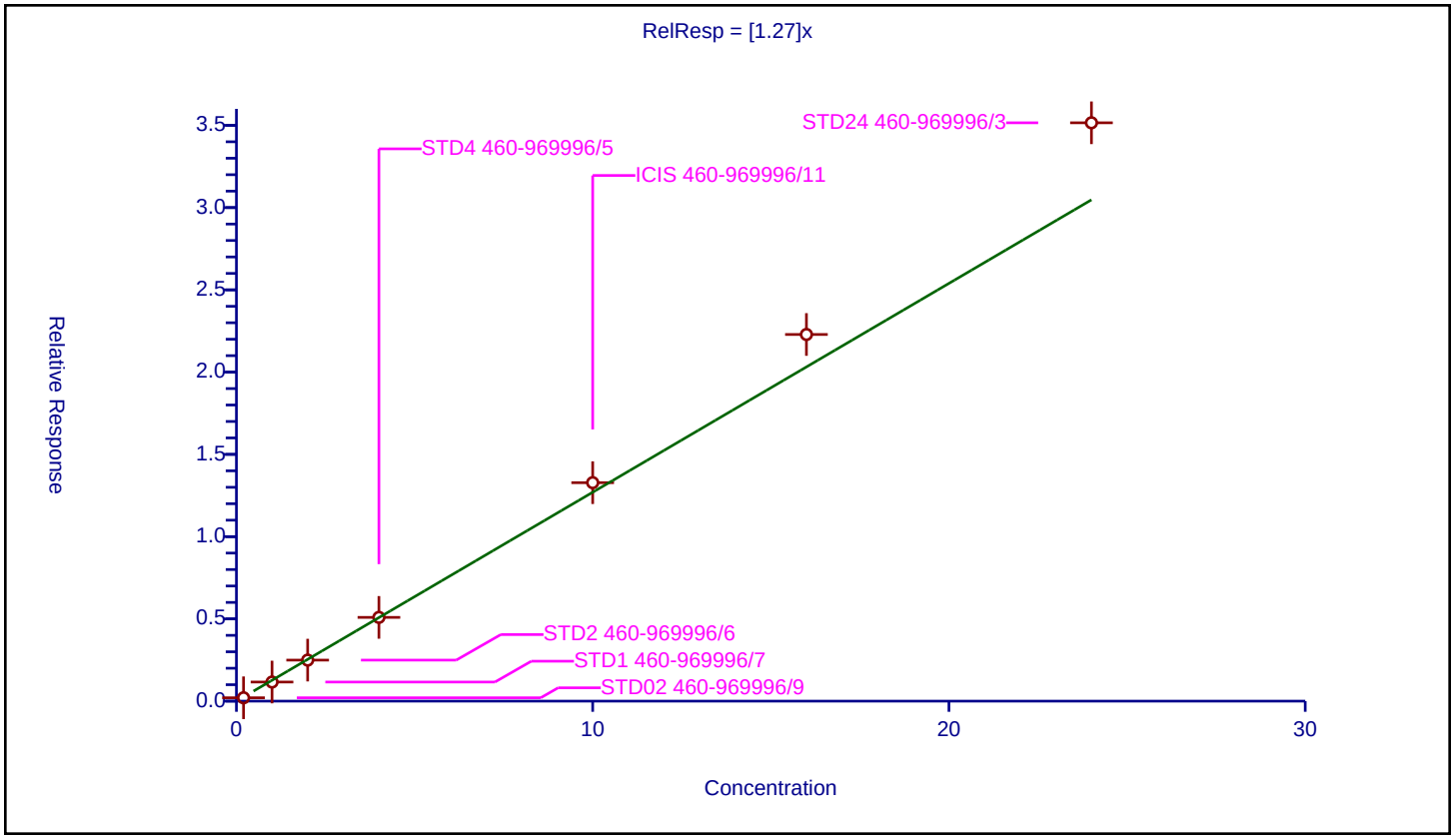
Curve Coefficients

Intercept:	0
Slope:	1.27

Error Coefficients

Relative Standard Deviation:	11.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-969996/9	0.2	0.204237	8.0	252726.0	1.021185	Y
2	STD1 460-969996/7	1.0	1.160896	8.0	256140.0	1.160896	Y
3	STD2 460-969996/6	2.0	2.494189	8.0	247808.0	1.247095	Y
4	STD4 460-969996/5	4.0	5.091271	8.0	261178.0	1.272818	Y
5	ICIS 460-969996/11	10.0	13.279586	8.0	252141.0	1.327959	Y
6	STD16 460-969996/4	16.0	22.287614	8.0	269514.0	1.392976	Y
7	STD24 460-969996/3	24.0	35.154689	8.0	259431.0	1.464779	Y



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Calibration / Benzaldehyde

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

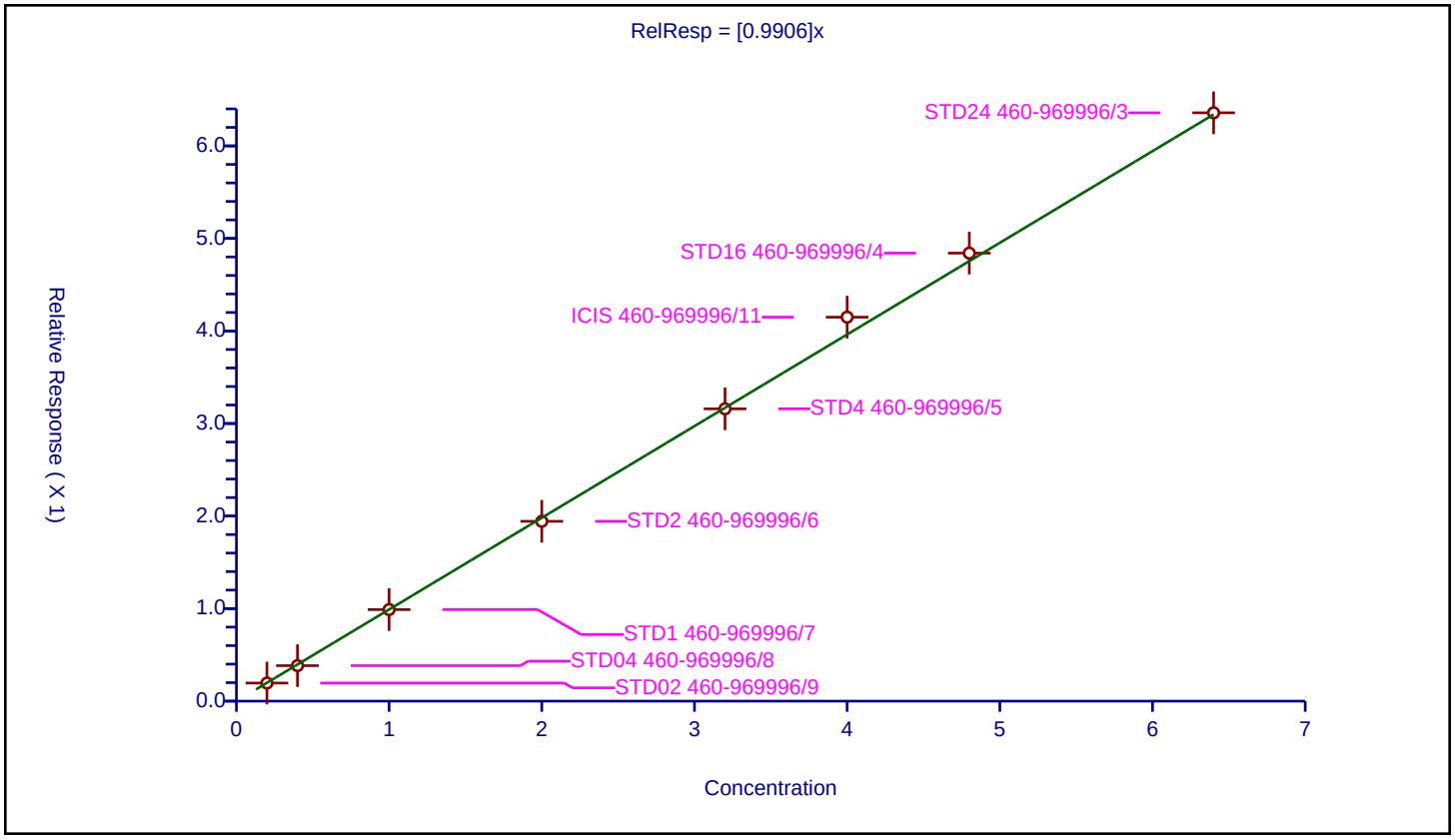
Curve Coefficients

Intercept:	0
Slope:	0.9906

Error Coefficients

Relative Standard Deviation:	2.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-969996/9	0.2	0.19569	8.0	252726.0	0.978451	Y
2	STD04 460-969996/8	0.4	0.383532	8.0	269078.0	0.95883	Y
3	STD1 460-969996/7	1.0	0.989271	8.0	256140.0	0.989271	Y
4	STD2 460-969996/6	2.0	1.943085	8.0	247808.0	0.971542	Y
5	STD4 460-969996/5	3.2	3.15901	8.0	261178.0	0.987191	Y
6	ICIS 460-969996/11	4.0	4.149361	8.0	252141.0	1.03734	Y
7	STD16 460-969996/4	4.8	4.841544	8.0	269514.0	1.008655	Y
8	STD24 460-969996/3	6.4	6.357637	8.0	259431.0	0.993381	Y



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Calibration / Phenol-d5

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

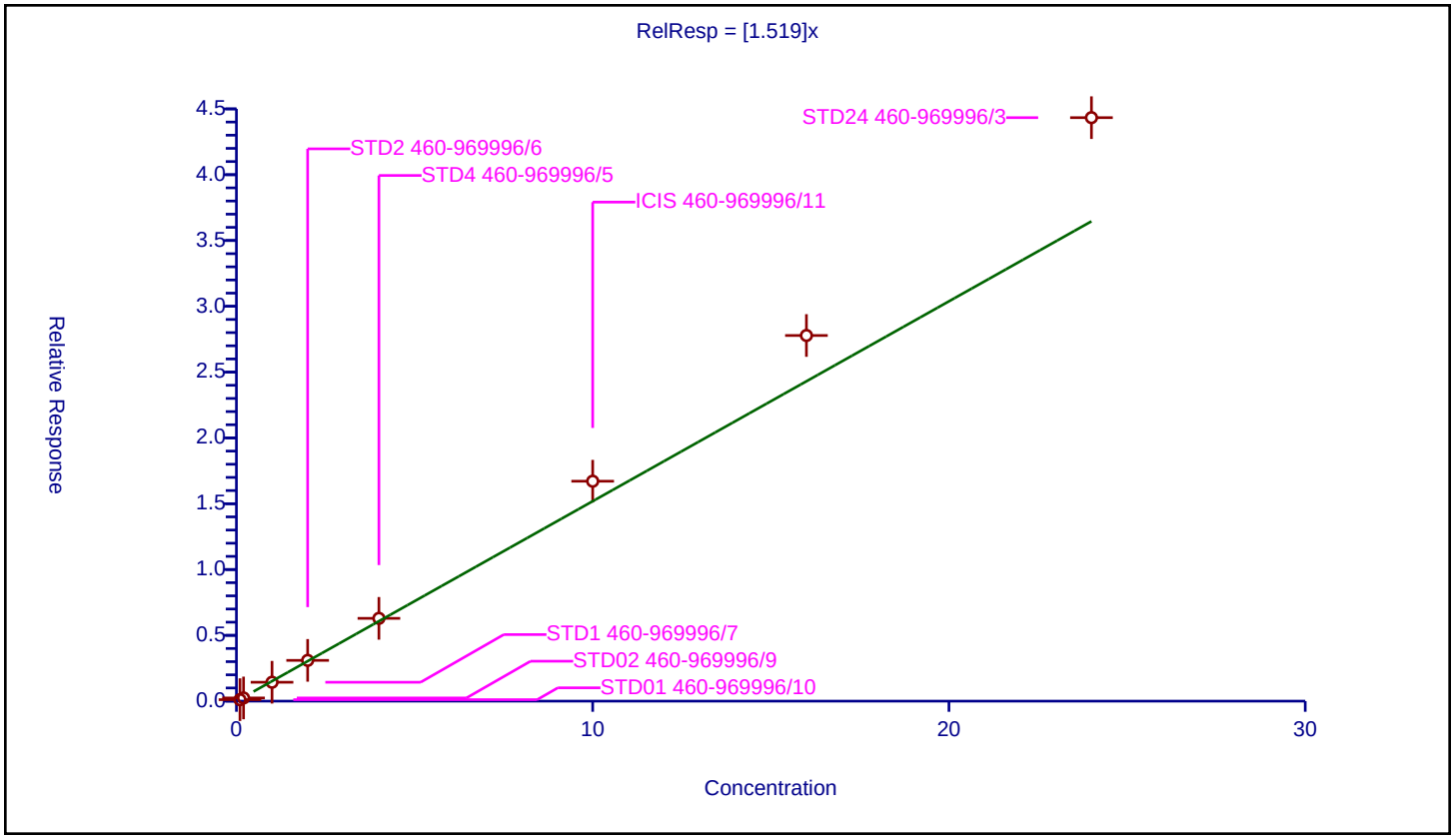
Curve Coefficients

Intercept:	0
Slope:	1.519

Error Coefficients

Relative Standard Deviation:	16.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-969996/10	0.1	0.112717	8.0	280278.0	1.127167	Y
2	STD02 460-969996/9	0.2	0.242666	8.0	252726.0	1.21333	Y
3	STD1 460-969996/7	1.0	1.43509	8.0	256140.0	1.43509	Y
4	STD2 460-969996/6	2.0	3.097237	8.0	247808.0	1.548618	Y
5	STD4 460-969996/5	4.0	6.291525	8.0	261178.0	1.572881	Y
6	ICIS 460-969996/11	10.0	16.711665	8.0	252141.0	1.671167	Y
7	STD16 460-969996/4	16.0	27.783047	8.0	269514.0	1.73644	Y
8	STD24 460-969996/3	24.0	44.333669	8.0	259431.0	1.847236	Y



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Calibration / Aniline

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

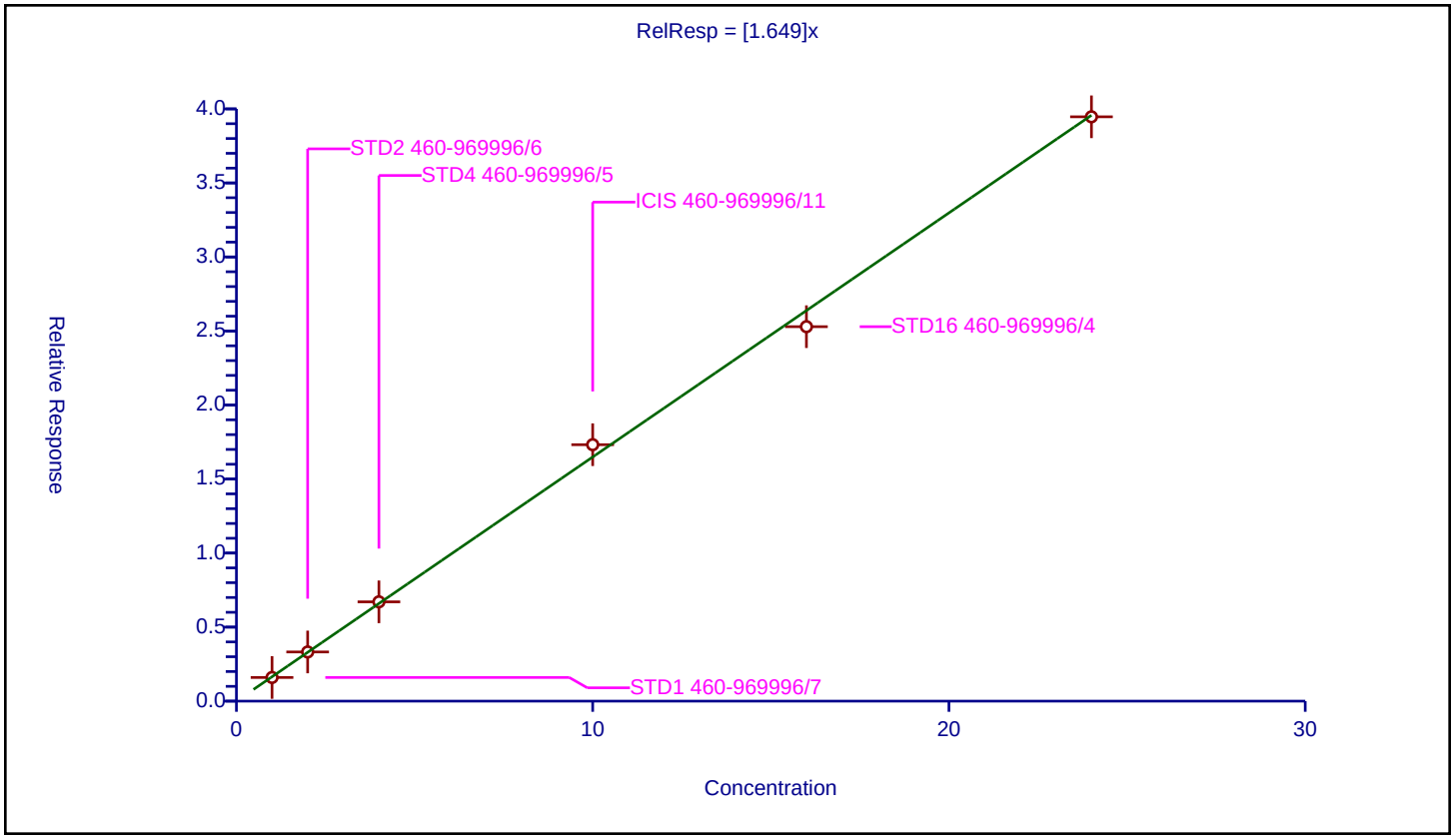
Curve Coefficients

Intercept:	0
Slope:	1.649

Error Coefficients

Relative Standard Deviation:	3.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969996/7	1.0	1.598345	8.0	256140.0	1.598345	Y
2	STD2 460-969996/6	2.0	3.3207	8.0	247808.0	1.66035	Y
3	STD4 460-969996/5	4.0	6.707763	8.0	261178.0	1.676941	Y
4	ICIS 460-969996/11	10.0	17.319992	8.0	252141.0	1.731999	Y
5	STD16 460-969996/4	16.0	25.290857	8.0	269514.0	1.580679	Y
6	STD24 460-969996/3	24.0	39.465723	8.0	259431.0	1.644405	Y



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Calibration / Phenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

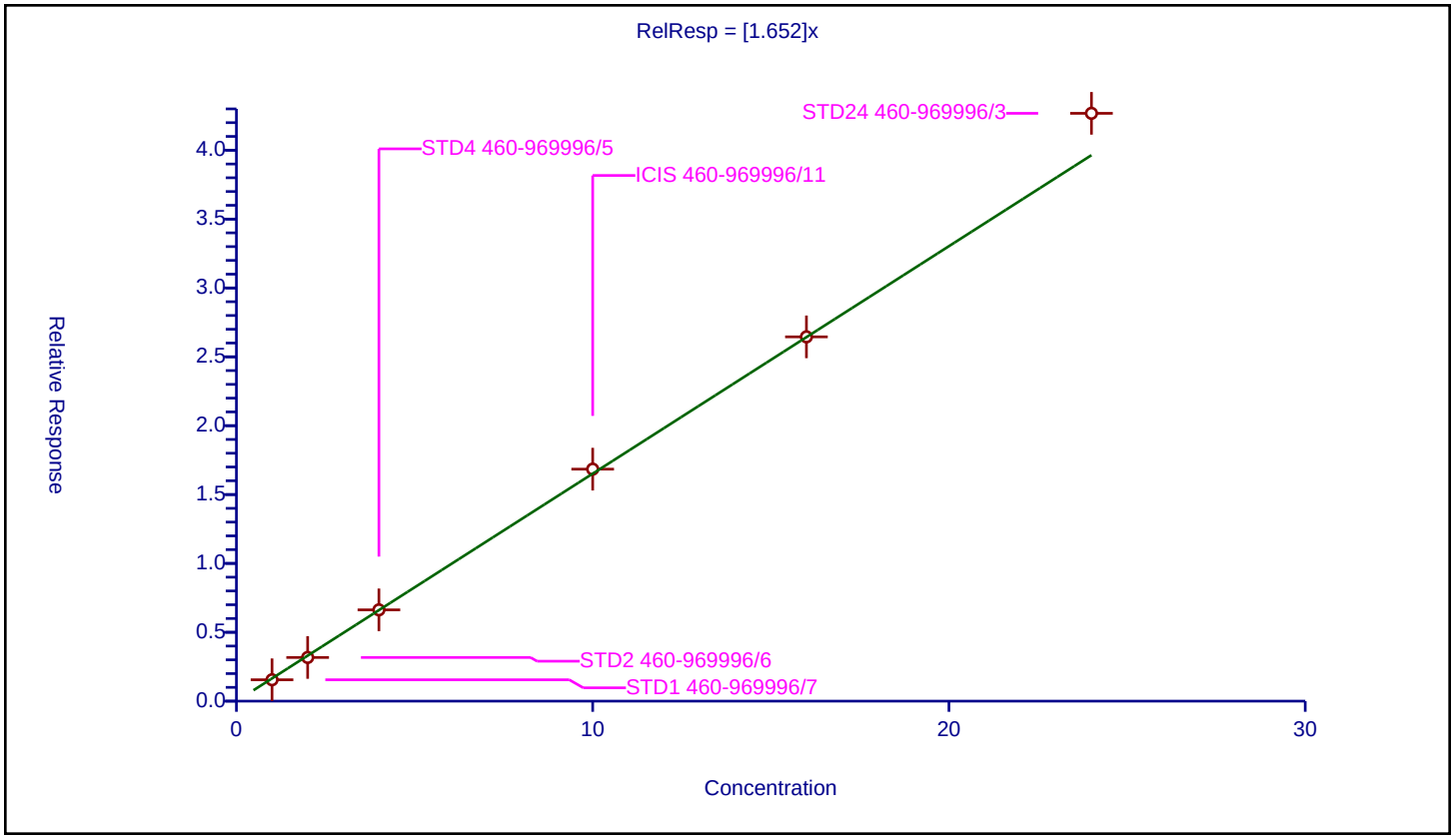
Curve Coefficients

Intercept:	0
Slope:	1.652

Error Coefficients

Relative Standard Deviation:	4.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969996/7	1.0	1.551901	8.0	256140.0	1.551901	Y
2	STD2 460-969996/6	2.0	3.170422	8.0	247808.0	1.585211	Y
3	STD4 460-969996/5	4.0	6.62843	8.0	261178.0	1.657107	Y
4	ICIS 460-969996/11	10.0	16.843687	8.0	252141.0	1.684369	Y
5	STD16 460-969996/4	16.0	26.448318	8.0	269514.0	1.65302	Y
6	STD24 460-969996/3	24.0	42.677768	8.0	259431.0	1.77824	Y



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Calibration / Bis(2-chloroethyl)ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

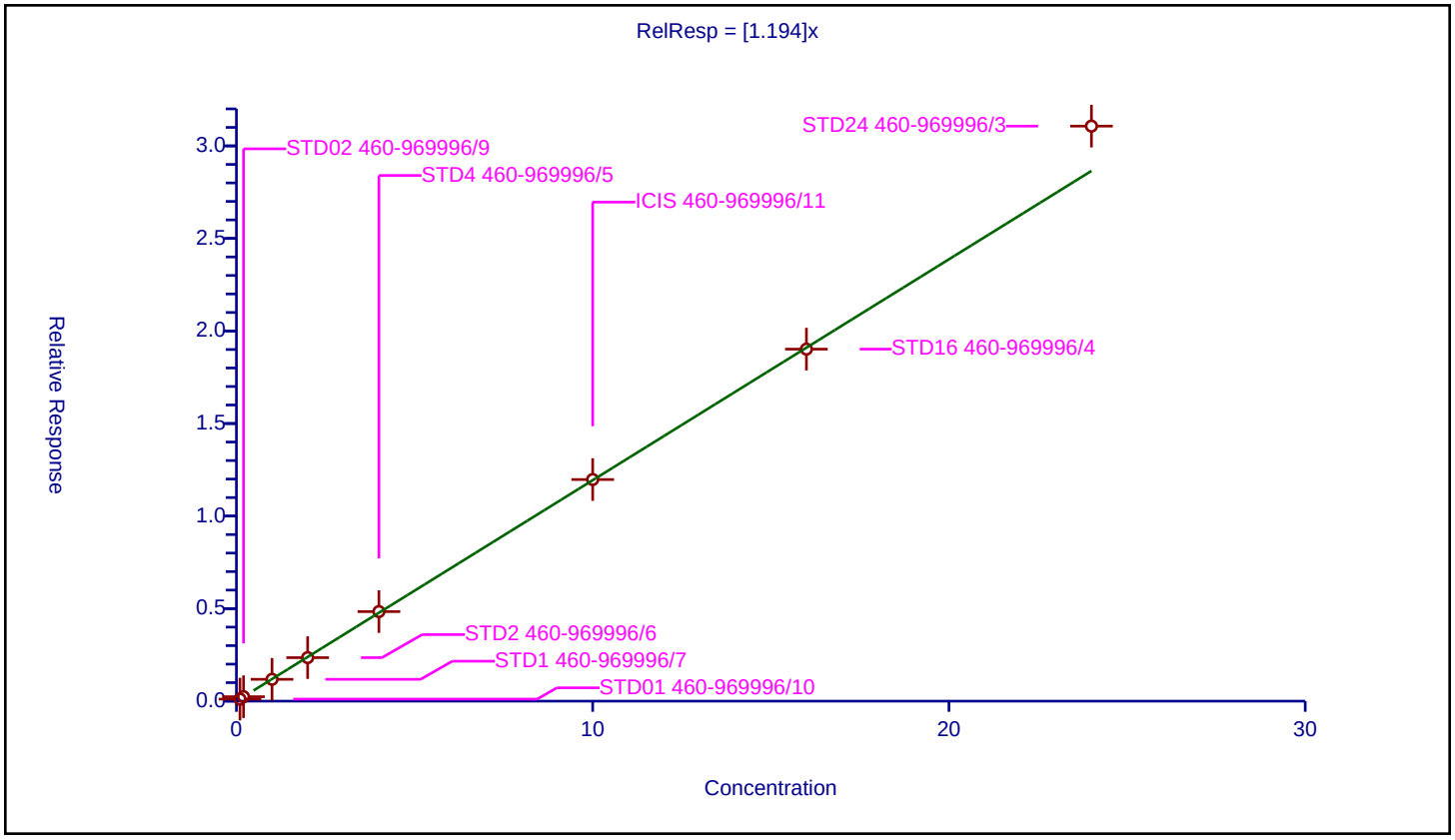
Curve Coefficients

Intercept:	0
Slope:	1.194

Error Coefficients

Relative Standard Deviation:	4.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-969996/10	0.1	0.110348	8.0	280278.0	1.103476	Y
2	STD02 460-969996/9	0.2	0.24007	8.0	252726.0	1.200351	Y
3	STD1 460-969996/7	1.0	1.179824	8.0	256140.0	1.179824	Y
4	STD2 460-969996/6	2.0	2.350691	8.0	247808.0	1.175345	Y
5	STD4 460-969996/5	4.0	4.839213	8.0	261178.0	1.209803	Y
6	ICIS 460-969996/11	10.0	11.973459	8.0	252141.0	1.197346	Y
7	STD16 460-969996/4	16.0	19.018826	8.0	269514.0	1.188677	Y
8	STD24 460-969996/3	24.0	31.068299	8.0	259431.0	1.294512	Y



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Calibration / 2-Chlorophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

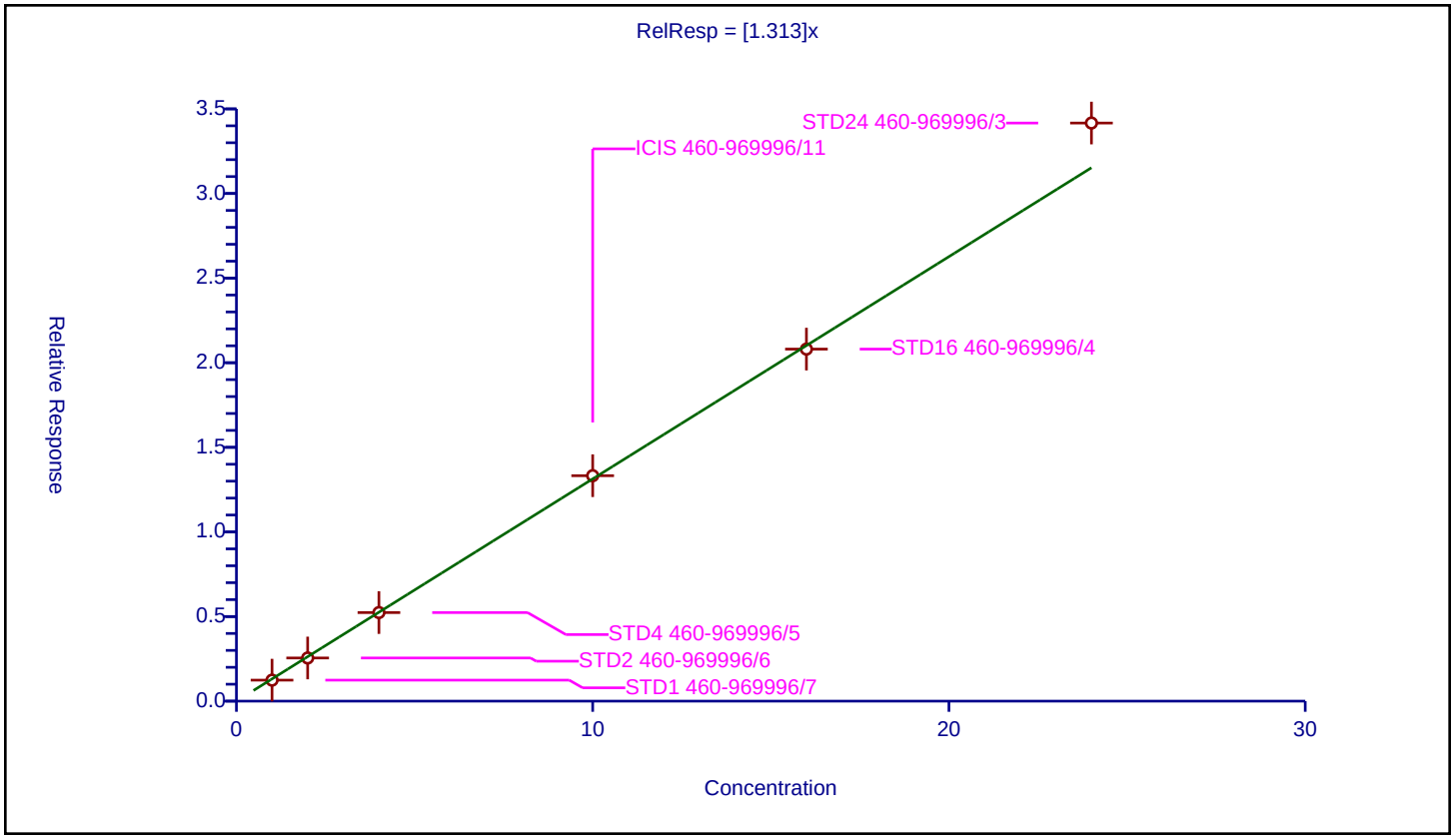
Curve Coefficients

Intercept:	0
Slope:	1.313

Error Coefficients

Relative Standard Deviation:	4.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969996/7	1.0	1.24054	8.0	256140.0	1.24054	Y
2	STD2 460-969996/6	2.0	2.551007	8.0	247808.0	1.275504	Y
3	STD4 460-969996/5	4.0	5.234407	8.0	261178.0	1.308602	Y
4	ICIS 460-969996/11	10.0	13.3228	8.0	252141.0	1.33228	Y
5	STD16 460-969996/4	16.0	20.804084	8.0	269514.0	1.300255	Y
6	STD24 460-969996/3	24.0	34.164182	8.0	259431.0	1.423508	Y



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Calibration / n-Decane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

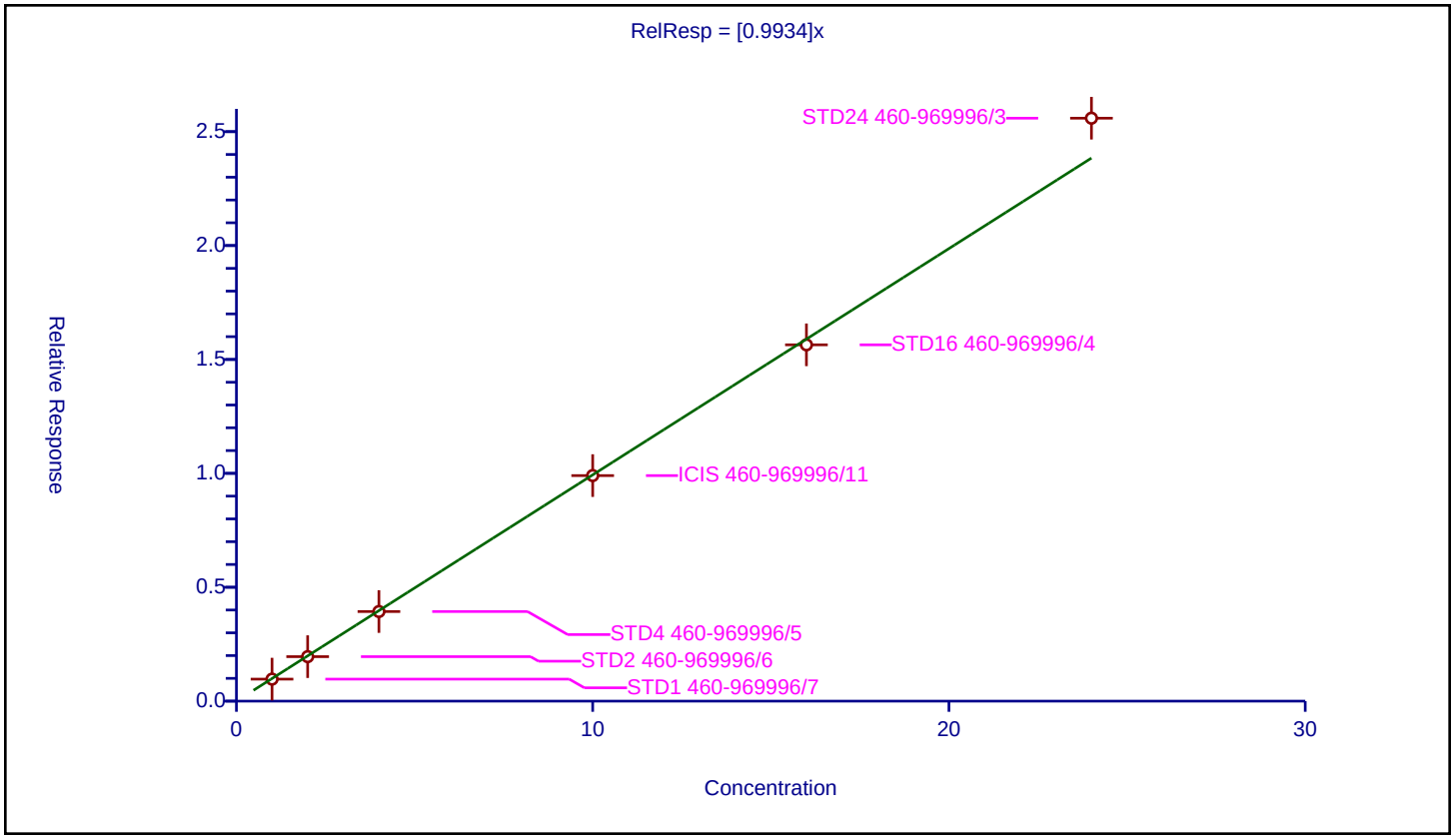
Curve Coefficients

Intercept:	0
Slope:	0.9934

Error Coefficients

Relative Standard Deviation:	3.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969996/7	1.0	0.965816	8.0	256140.0	0.965816	Y
2	STD2 460-969996/6	2.0	1.95348	8.0	247808.0	0.97674	Y
3	STD4 460-969996/5	4.0	3.934083	8.0	261178.0	0.983521	Y
4	ICIS 460-969996/11	10.0	9.902079	8.0	252141.0	0.990208	Y
5	STD16 460-969996/4	16.0	15.643002	8.0	269514.0	0.977688	Y
6	STD24 460-969996/3	24.0	25.591668	8.0	259431.0	1.066319	Y



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Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

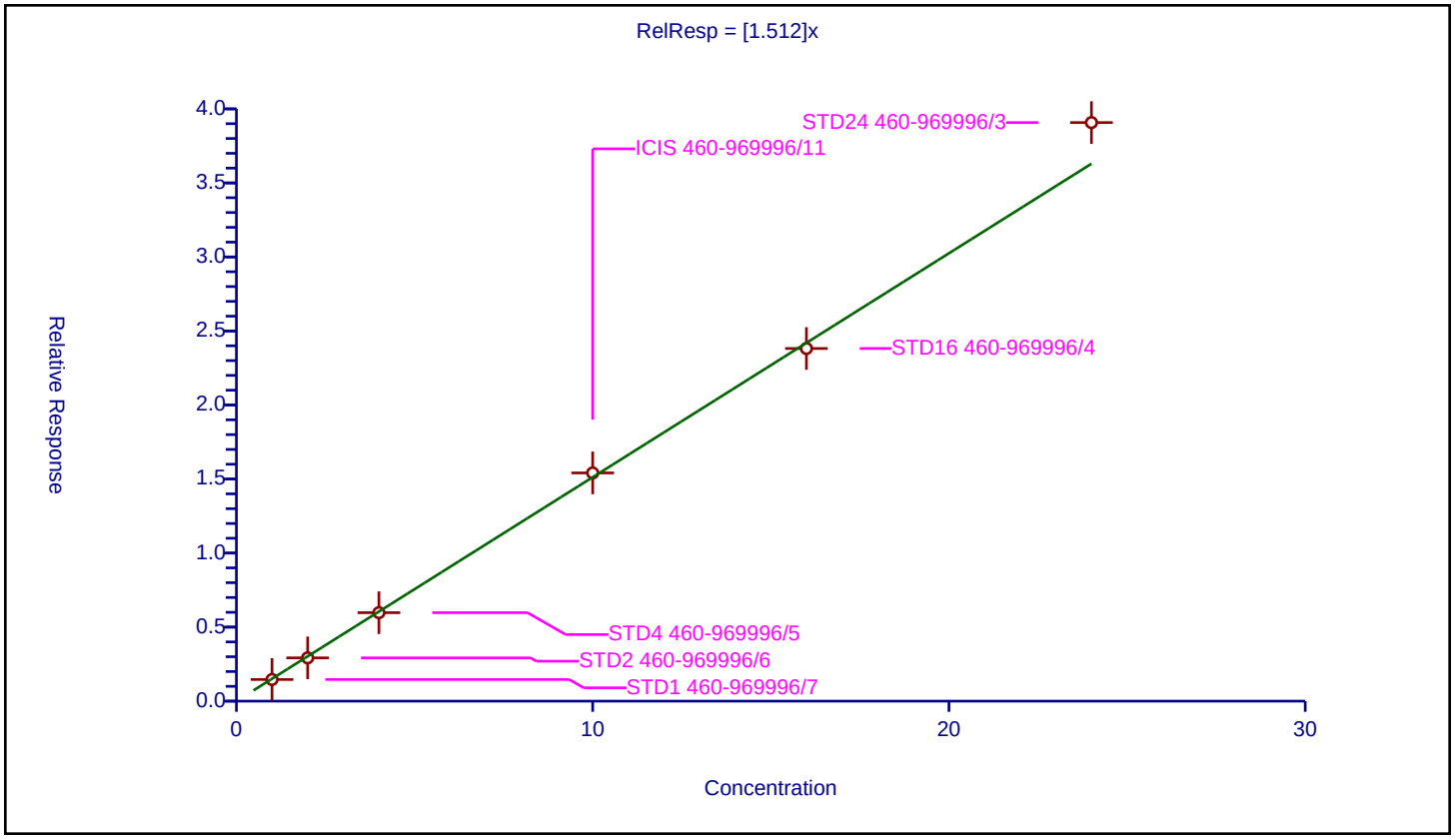
Curve Coefficients

Intercept:	0
Slope:	1.512

Error Coefficients

Relative Standard Deviation:	4.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969996/7	1.0	1.460701	8.0	256140.0	1.460701	Y
2	STD2 460-969996/6	2.0	2.922456	8.0	247808.0	1.461228	Y
3	STD4 460-969996/5	4.0	5.975511	8.0	261178.0	1.493878	Y
4	ICIS 460-969996/11	10.0	15.412932	8.0	252141.0	1.541293	Y
5	STD16 460-969996/4	16.0	23.817538	8.0	269514.0	1.488596	Y
6	STD24 460-969996/3	24.0	39.076194	8.0	259431.0	1.628175	Y



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Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

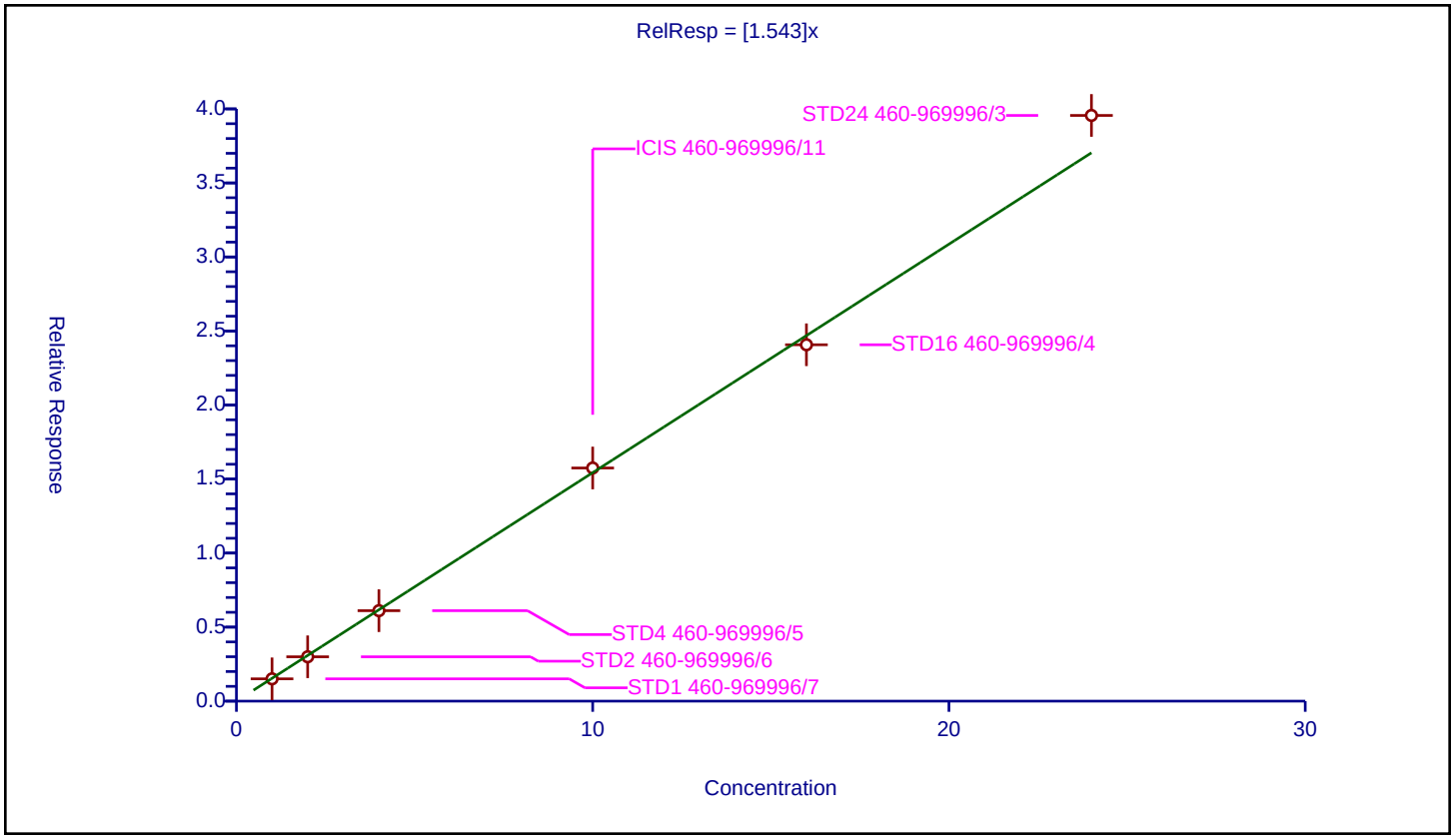
Curve Coefficients

Intercept:	0
Slope:	1.543

Error Coefficients

Relative Standard Deviation:	3.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969996/7	1.0	1.505958	8.0	256140.0	1.505958	Y
2	STD2 460-969996/6	2.0	2.996255	8.0	247808.0	1.498128	Y
3	STD4 460-969996/5	4.0	6.109335	8.0	261178.0	1.527334	Y
4	ICIS 460-969996/11	10.0	15.746808	8.0	252141.0	1.574681	Y
5	STD16 460-969996/4	16.0	24.07023	8.0	269514.0	1.504389	Y
6	STD24 460-969996/3	24.0	39.557801	8.0	259431.0	1.648242	Y



Calibration / Benzyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

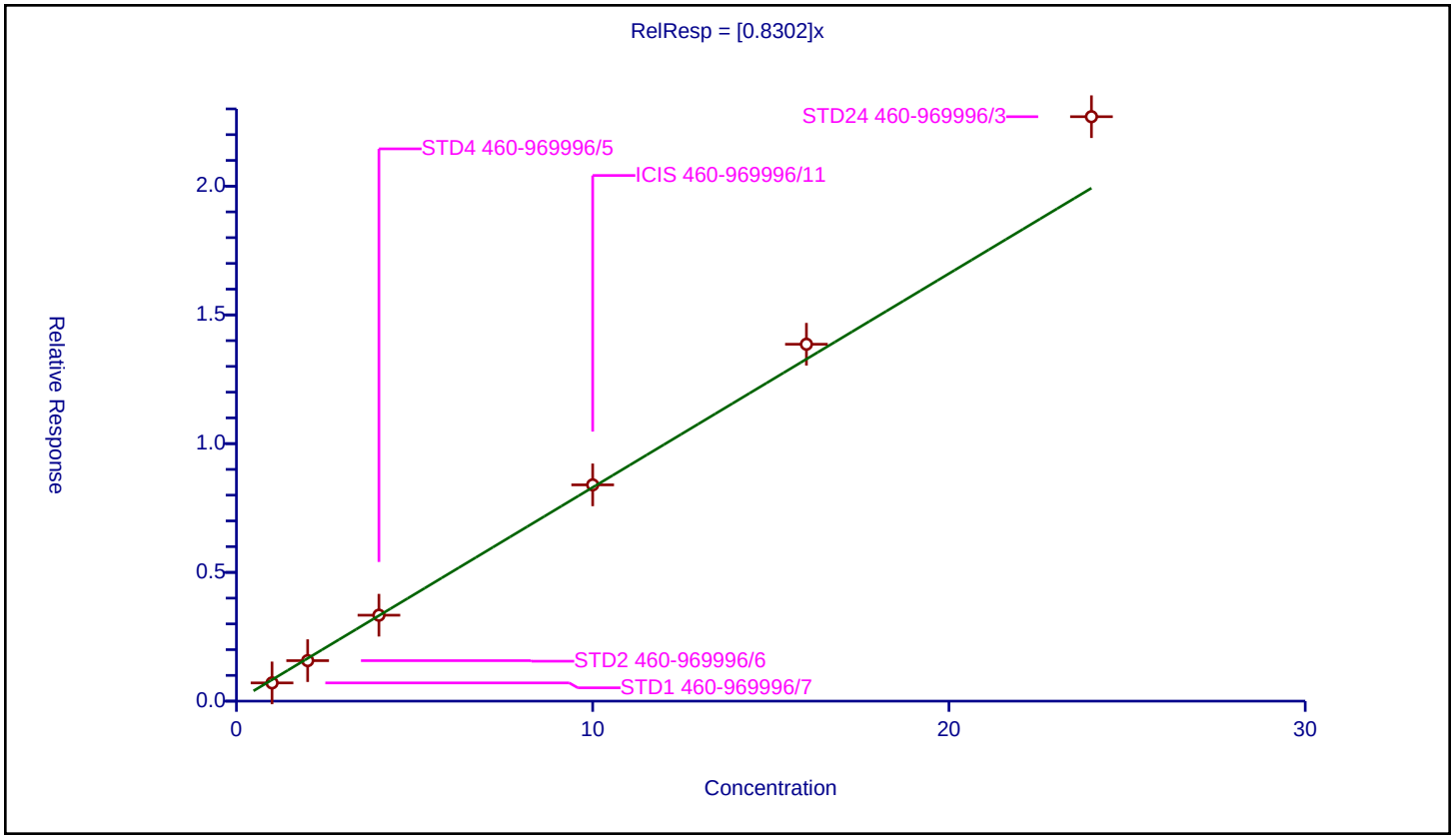
Curve Coefficients

Intercept:	0
Slope:	0.8302

Error Coefficients

Relative Standard Deviation:	9.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969996/7	1.0	0.708269	8.0	256140.0	0.708269	Y
2	STD2 460-969996/6	2.0	1.573089	8.0	247808.0	0.786544	Y
3	STD4 460-969996/5	4.0	3.337035	8.0	261178.0	0.834259	Y
4	ICIS 460-969996/11	10.0	8.399364	8.0	252141.0	0.839936	Y
5	STD16 460-969996/4	16.0	13.86095	8.0	269514.0	0.866309	Y
6	STD24 460-969996/3	24.0	22.697395	8.0	259431.0	0.945725	Y



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Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

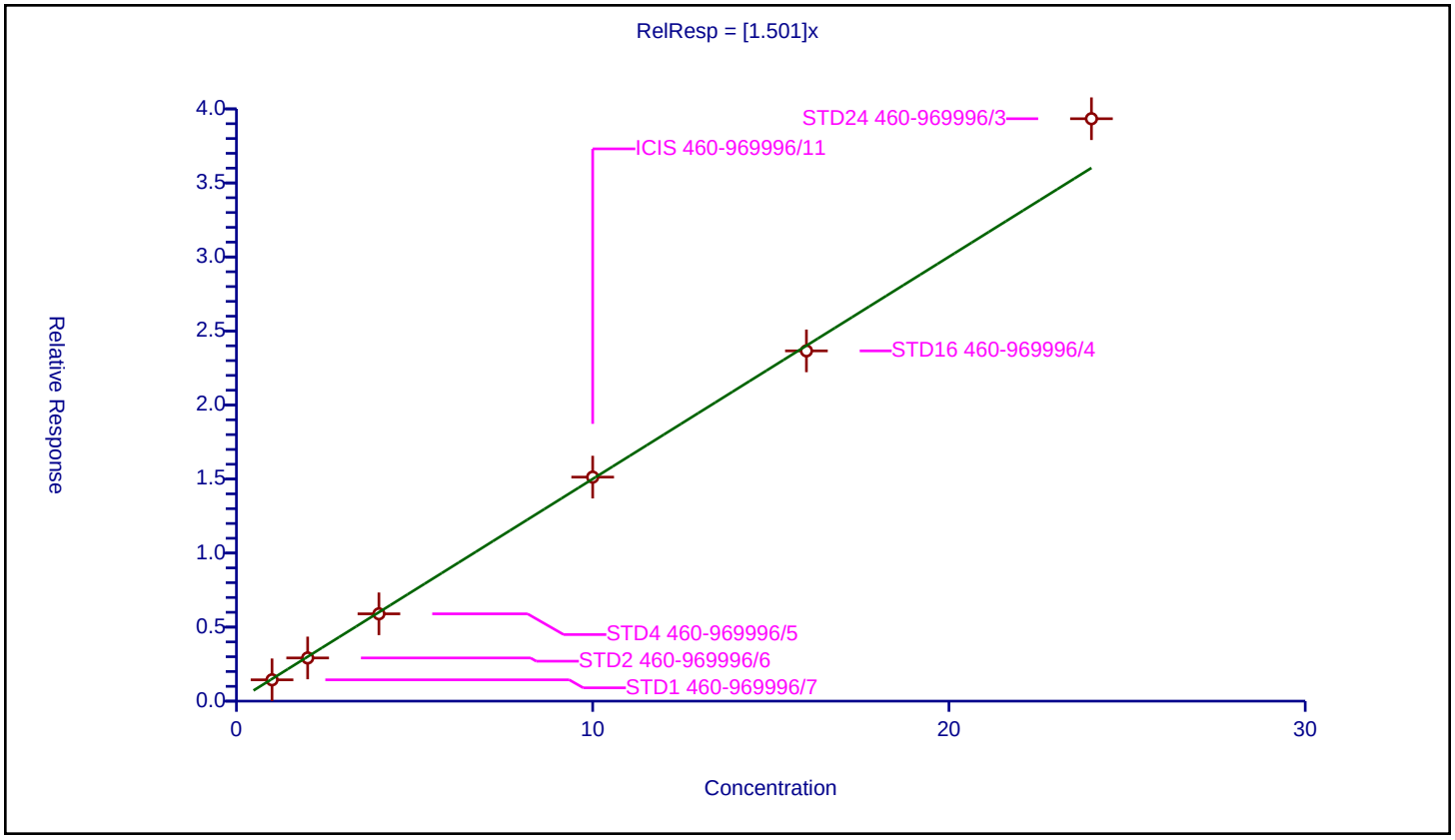
Curve Coefficients

Intercept:	0
Slope:	1.501

Error Coefficients

Relative Standard Deviation:	4.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969996/7	1.0	1.440806	8.0	256140.0	1.440806	Y
2	STD2 460-969996/6	2.0	2.915967	8.0	247808.0	1.457984	Y
3	STD4 460-969996/5	4.0	5.896638	8.0	261178.0	1.474159	Y
4	ICIS 460-969996/11	10.0	15.130296	8.0	252141.0	1.51303	Y
5	STD16 460-969996/4	16.0	23.656715	8.0	269514.0	1.478545	Y
6	STD24 460-969996/3	24.0	39.336086	8.0	259431.0	1.639004	Y



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Calibration / 2,2'-oxybis[1-chloropropane]

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

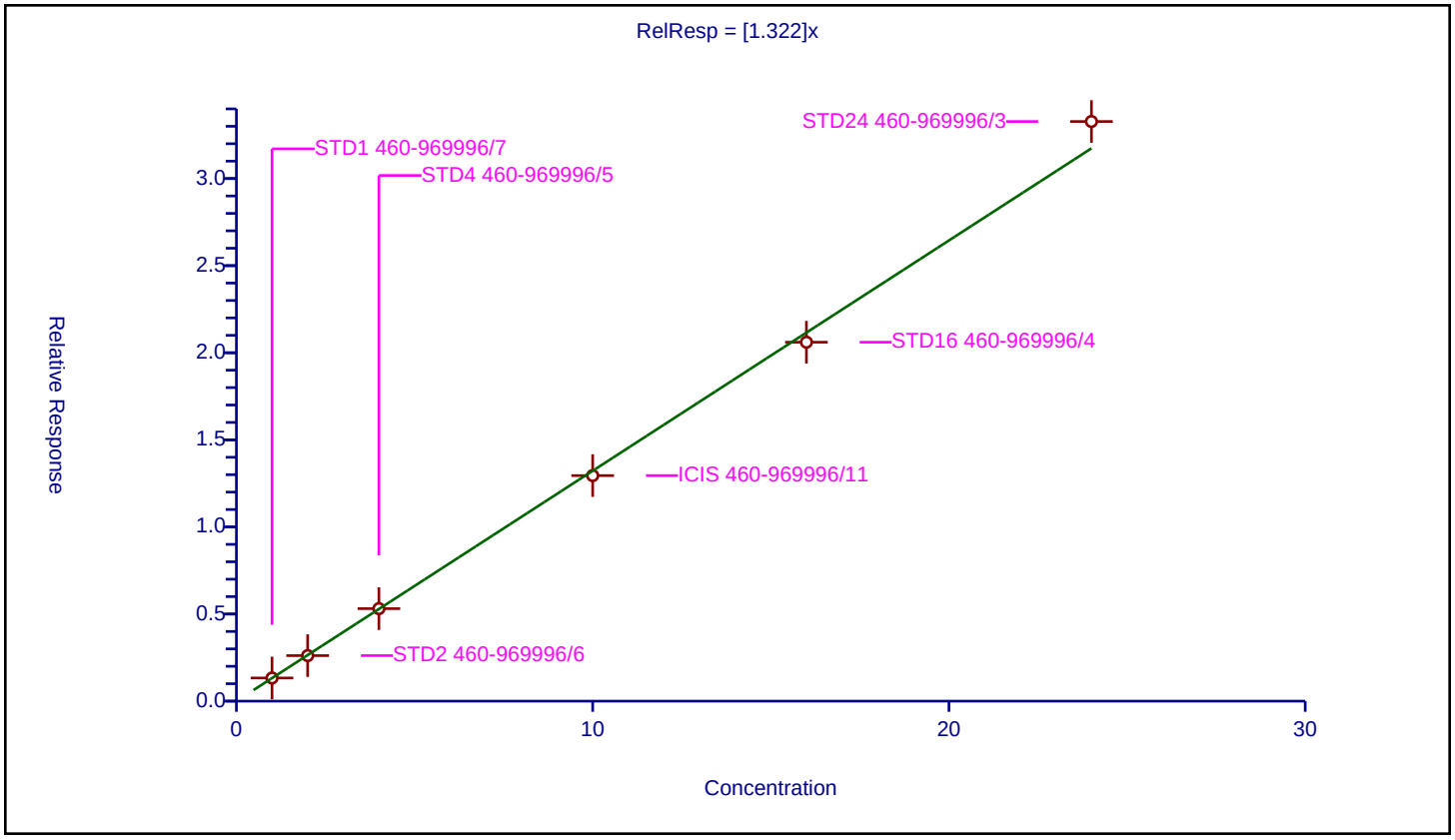
Curve Coefficients

Intercept:	0
Slope:	1.322

Error Coefficients

Relative Standard Deviation:	2.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969996/7	1.0	1.330179	8.0	256140.0	1.330179	Y
2	STD2 460-969996/6	2.0	2.613281	8.0	247808.0	1.306641	Y
3	STD4 460-969996/5	4.0	5.310738	8.0	261178.0	1.327685	Y
4	ICIS 460-969996/11	10.0	12.948596	8.0	252141.0	1.29486	Y
5	STD16 460-969996/4	16.0	20.60592	8.0	269514.0	1.28787	Y
6	STD24 460-969996/3	24.0	33.275561	8.0	259431.0	1.386482	Y



Calibration / 2-Methylphenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

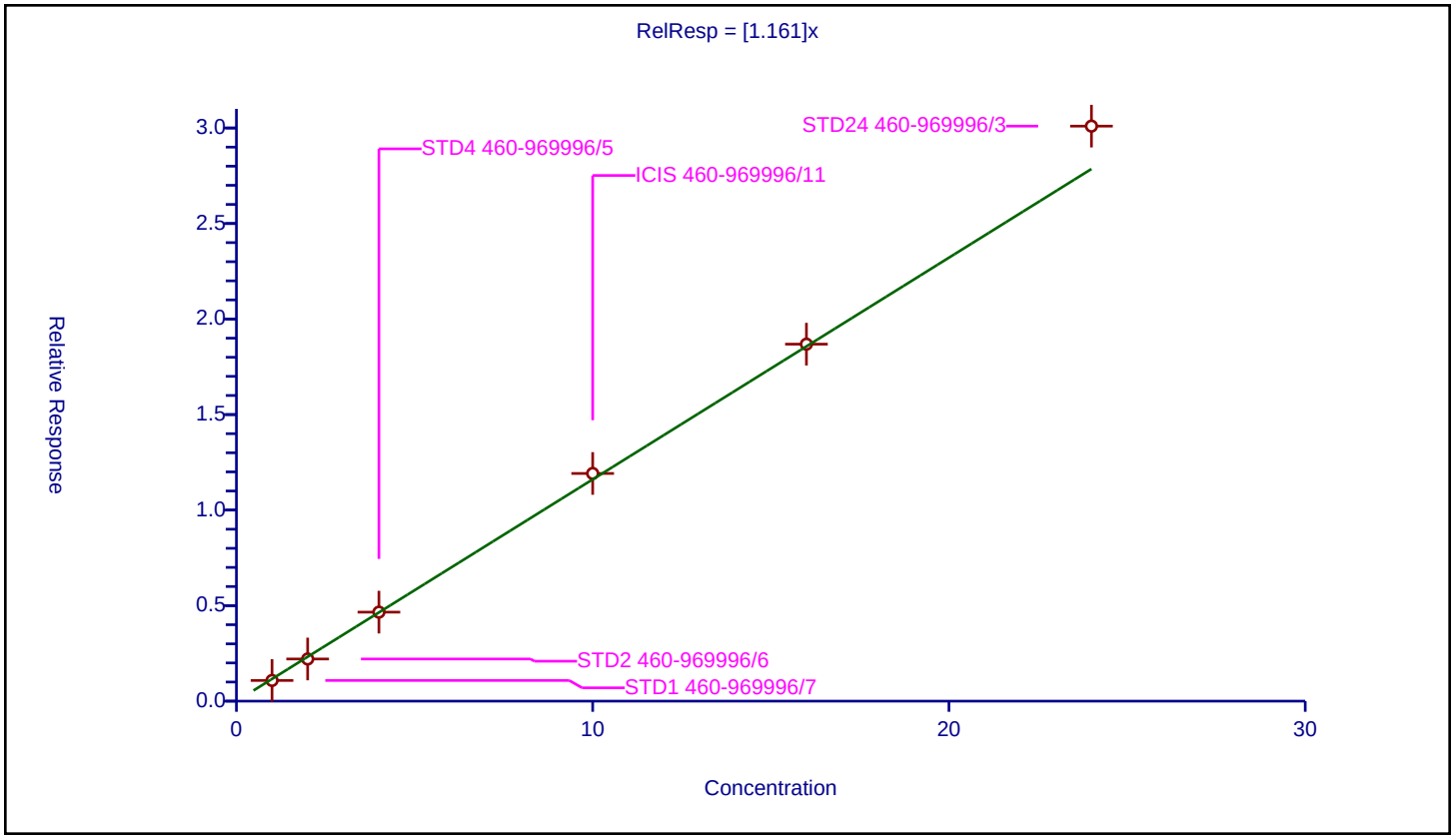
Curve Coefficients

Intercept:	0
Slope:	1.161

Error Coefficients

Relative Standard Deviation:	5.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969996/7	1.0	1.082845	8.0	256140.0	1.082845	Y
2	STD2 460-969996/6	2.0	2.205579	8.0	247808.0	1.102789	Y
3	STD4 460-969996/5	4.0	4.657789	8.0	261178.0	1.164447	Y
4	ICIS 460-969996/11	10.0	11.917173	8.0	252141.0	1.191717	Y
5	STD16 460-969996/4	16.0	18.686554	8.0	269514.0	1.16791	Y
6	STD24 460-969996/3	24.0	30.097714	8.0	259431.0	1.254071	Y



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Calibration / N-Methylaniline

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

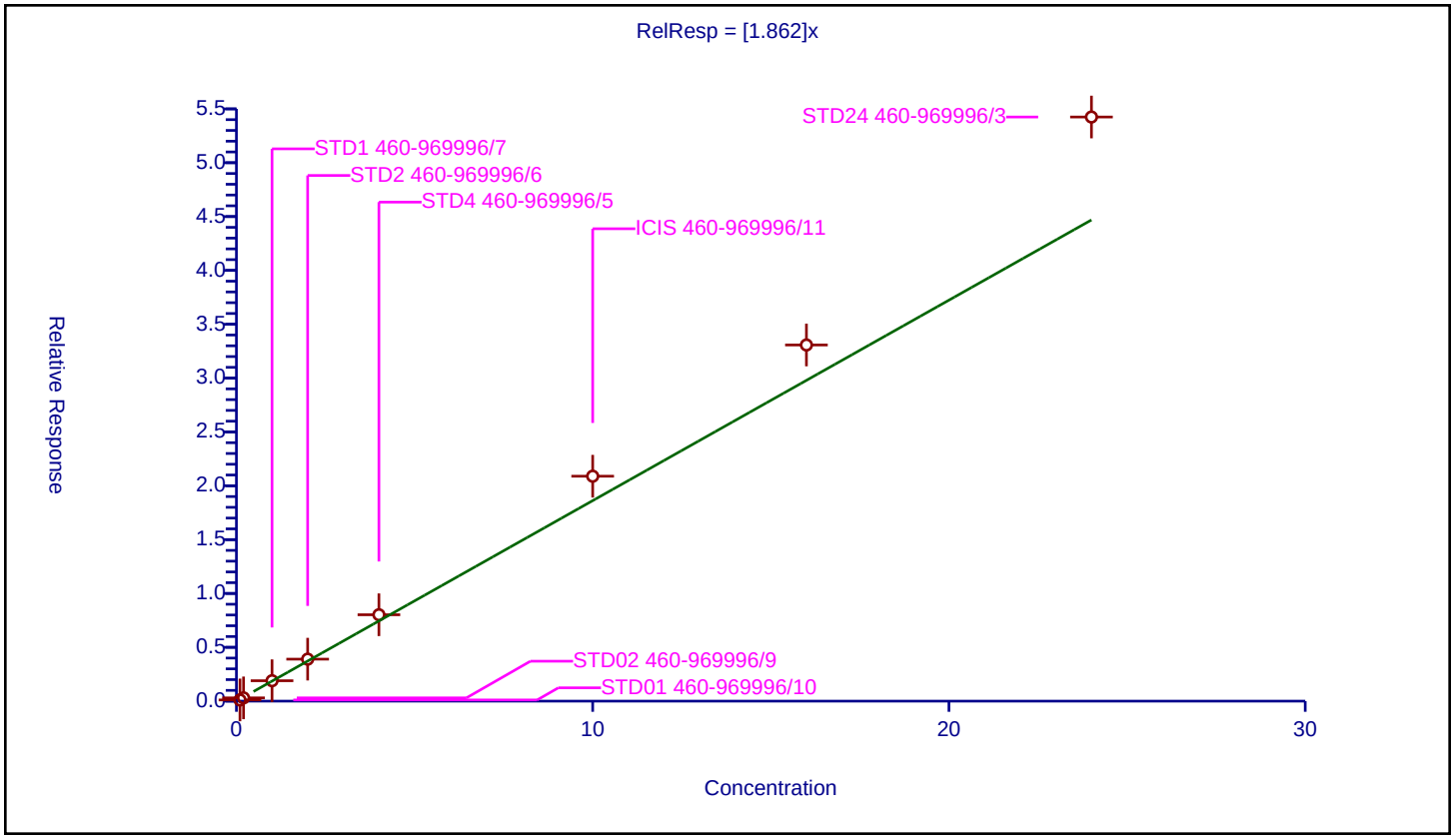
Curve Coefficients

Intercept:	0
Slope:	1.862

Error Coefficients

Relative Standard Deviation:	19.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-969996/10	0.1	0.11129	8.0	280278.0	1.112895	Y
2	STD02 460-969996/9	0.2	0.303	8.0	252726.0	1.515	Y
3	STD1 460-969996/7	1.0	1.895307	8.0	256140.0	1.895307	Y
4	STD2 460-969996/6	2.0	3.899955	8.0	247808.0	1.949977	Y
5	STD4 460-969996/5	4.0	8.023065	8.0	261178.0	2.005766	Y
6	ICIS 460-969996/11	10.0	20.889835	8.0	252141.0	2.088984	Y
7	STD16 460-969996/4	16.0	33.074497	8.0	269514.0	2.067156	Y
8	STD24 460-969996/3	24.0	54.245514	8.0	259431.0	2.26023	Y



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Calibration / Acetophenone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

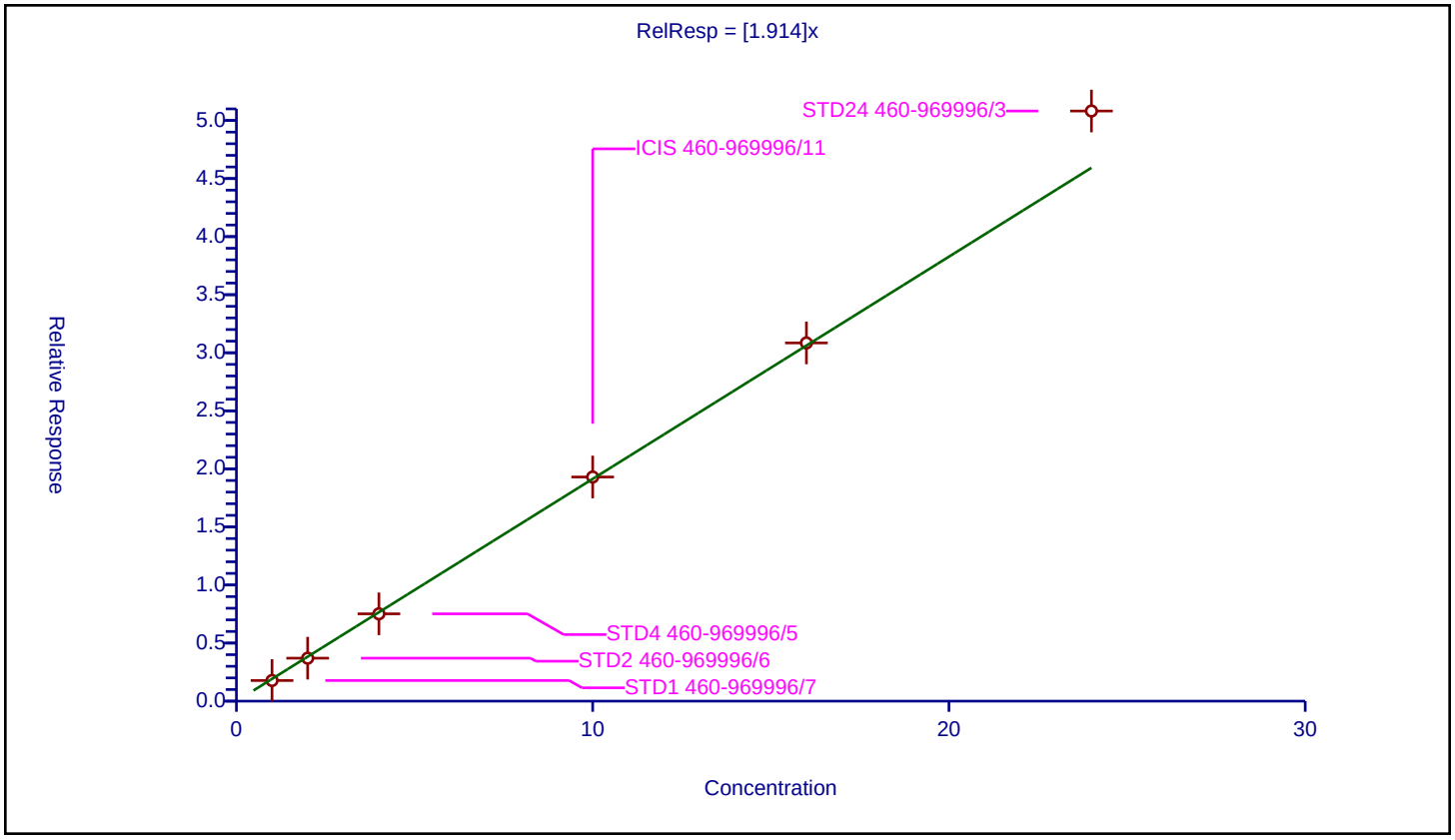
Curve Coefficients

Intercept:	0
Slope:	1.914

Error Coefficients

Relative Standard Deviation:	6.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969996/7	1.0	1.776685	8.0	256140.0	1.776685	Y
2	STD2 460-969996/6	2.0	3.70009	8.0	247808.0	1.850045	Y
3	STD4 460-969996/5	4.0	7.51999	8.0	261178.0	1.879998	Y
4	ICIS 460-969996/11	10.0	19.301676	8.0	252141.0	1.930168	Y
5	STD16 460-969996/4	16.0	30.846962	8.0	269514.0	1.927935	Y
6	STD24 460-969996/3	24.0	50.816996	8.0	259431.0	2.117375	Y



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Calibration / N-Nitrosodi-n-propylamine

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

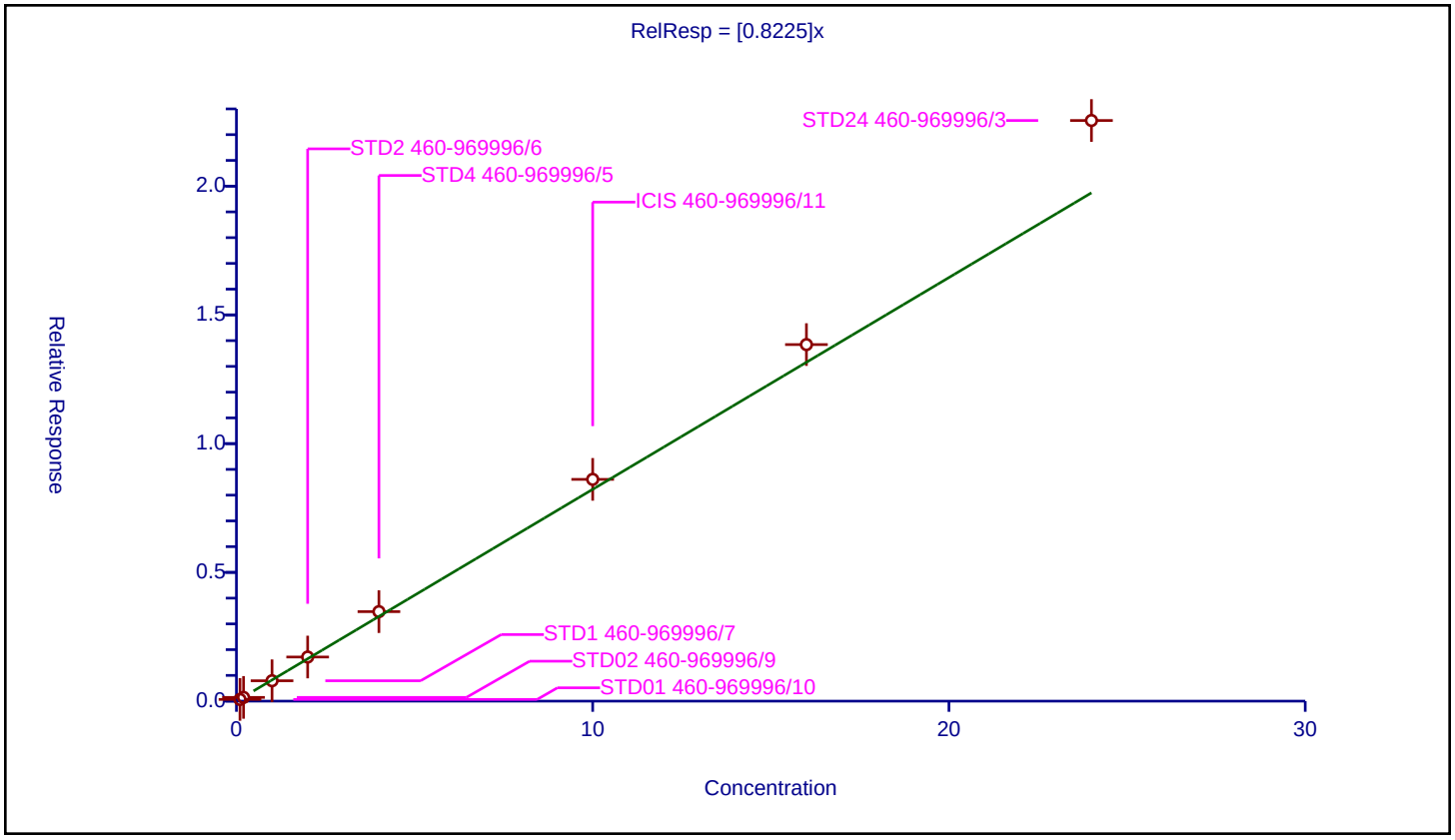
Curve Coefficients

Intercept:	0
Slope:	0.8225

Error Coefficients

Relative Standard Deviation:	10.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-969996/10	0.1	0.067048	8.0	280278.0	0.670477	Y
2	STD02 460-969996/9	0.2	0.145169	8.0	252726.0	0.725845	Y
3	STD1 460-969996/7	1.0	0.792067	8.0	256140.0	0.792067	Y
4	STD2 460-969996/6	2.0	1.712874	8.0	247808.0	0.856437	Y
5	STD4 460-969996/5	4.0	3.476281	8.0	261178.0	0.86907	Y
6	ICIS 460-969996/11	10.0	8.612737	8.0	252141.0	0.861274	Y
7	STD16 460-969996/4	16.0	13.846642	8.0	269514.0	0.865415	Y
8	STD24 460-969996/3	24.0	22.548732	8.0	259431.0	0.93953	Y



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Calibration / 3 & 4 Methylphenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

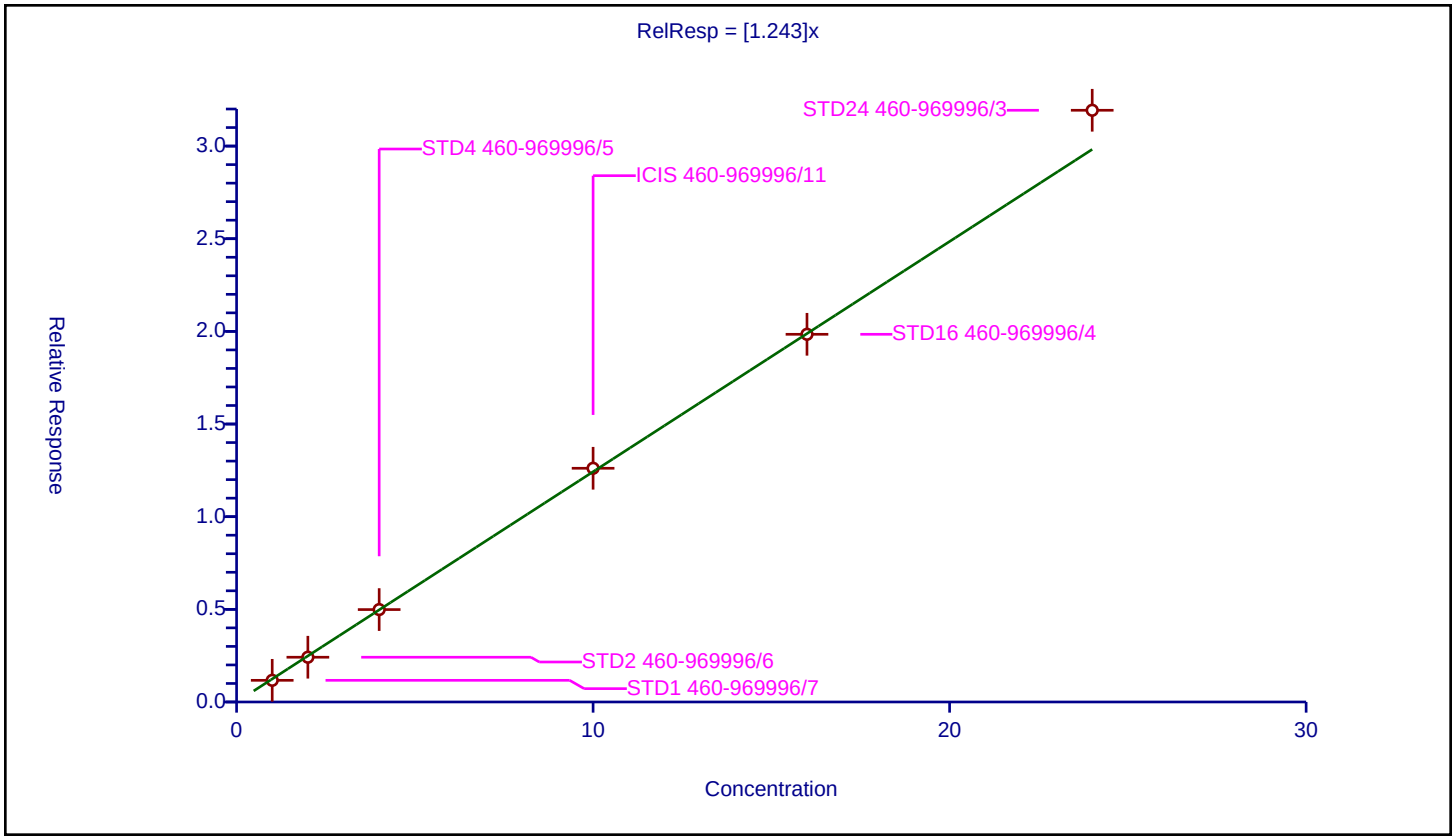
Curve Coefficients

Intercept:	0
Slope:	1.243

Error Coefficients

Relative Standard Deviation:	4.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969996/7	1.0	1.168736	8.0	256140.0	1.168736	Y
2	STD2 460-969996/6	2.0	2.415741	8.0	247808.0	1.207871	Y
3	STD4 460-969996/5	4.0	4.986576	8.0	261178.0	1.246644	Y
4	ICIS 460-969996/11	10.0	12.613355	8.0	252141.0	1.261336	Y
5	STD16 460-969996/4	16.0	19.843155	8.0	269514.0	1.240197	Y
6	STD24 460-969996/3	24.0	31.931758	8.0	259431.0	1.33049	Y



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Calibration / 4-Methylphenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

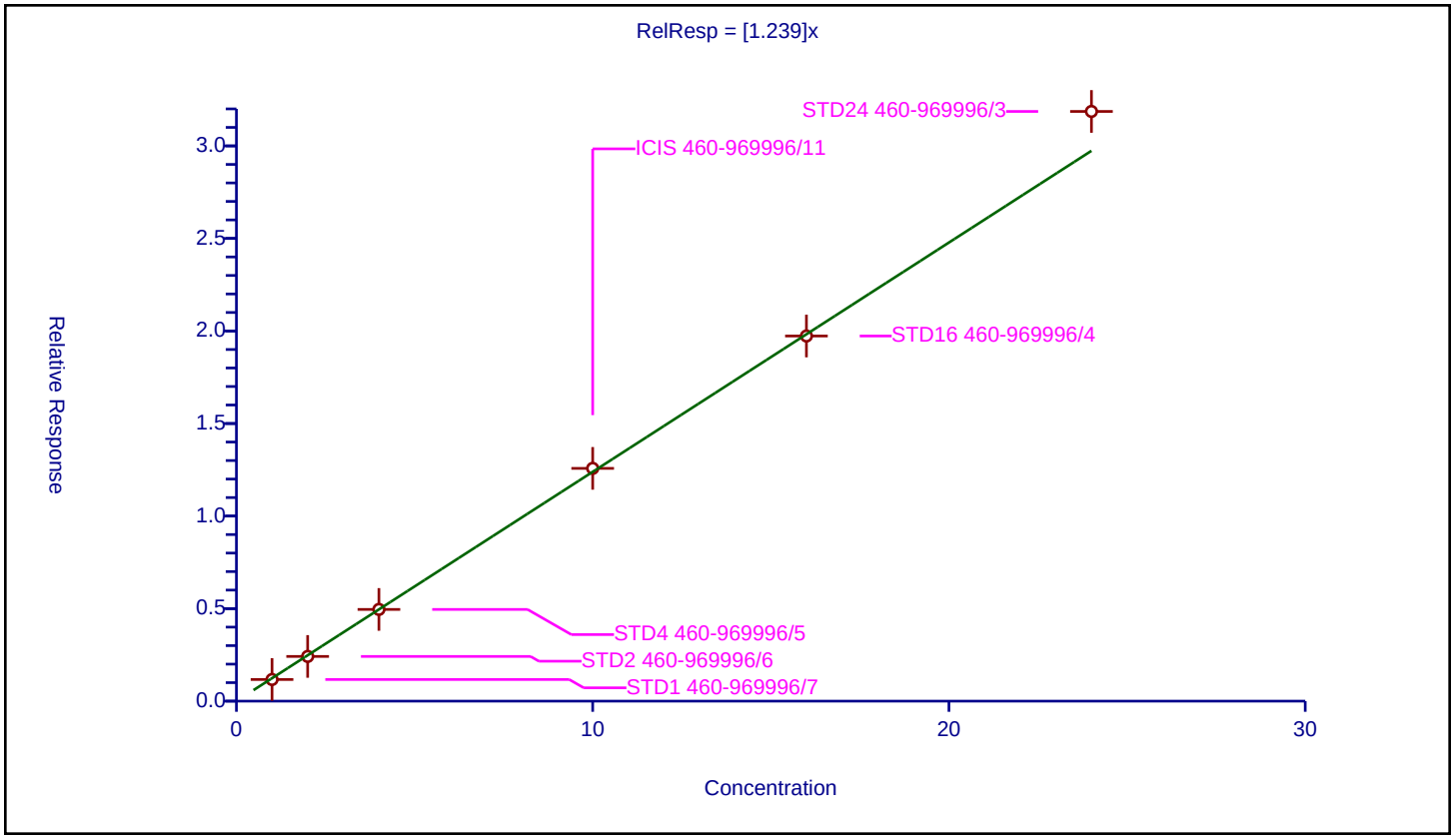
Curve Coefficients

Intercept:	0
Slope:	1.239

Error Coefficients

Relative Standard Deviation:	4.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969996/7	1.0	1.168736	8.0	256140.0	1.168736	Y
2	STD2 460-969996/6	2.0	2.415741	8.0	247808.0	1.207871	Y
3	STD4 460-969996/5	4.0	4.954812	8.0	261178.0	1.238703	Y
4	ICIS 460-969996/11	10.0	12.576741	8.0	252141.0	1.257674	Y
5	STD16 460-969996/4	16.0	19.728845	8.0	269514.0	1.233053	Y
6	STD24 460-969996/3	24.0	31.862006	8.0	259431.0	1.327584	Y



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Calibration / Hexachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

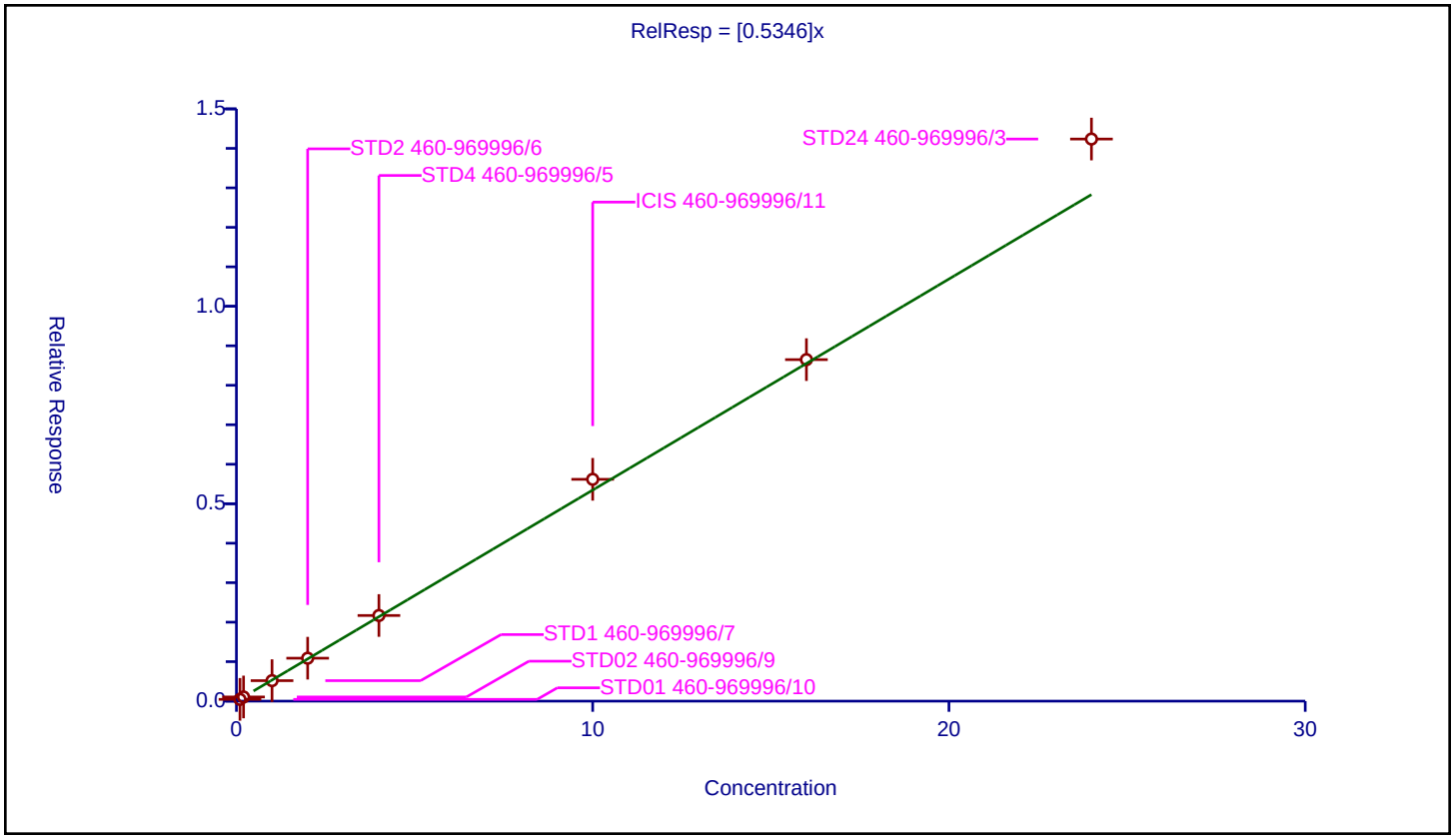
Curve Coefficients

Intercept:	0
Slope:	0.5346

Error Coefficients

Relative Standard Deviation:	7.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-969996/10	0.1	0.044955	8.0	280278.0	0.449554	Y
2	STD02 460-969996/9	0.2	0.105252	8.0	252726.0	0.526262	Y
3	STD1 460-969996/7	1.0	0.51881	8.0	256140.0	0.51881	Y
4	STD2 460-969996/6	2.0	1.087713	8.0	247808.0	0.543857	Y
5	STD4 460-969996/5	4.0	2.169187	8.0	261178.0	0.542297	Y
6	ICIS 460-969996/11	10.0	5.618412	8.0	252141.0	0.561841	Y
7	STD16 460-969996/4	16.0	8.649911	8.0	269514.0	0.540619	Y
8	STD24 460-969996/3	24.0	14.236387	8.0	259431.0	0.593183	Y



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Calibration / Nitrobenzene-d5

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

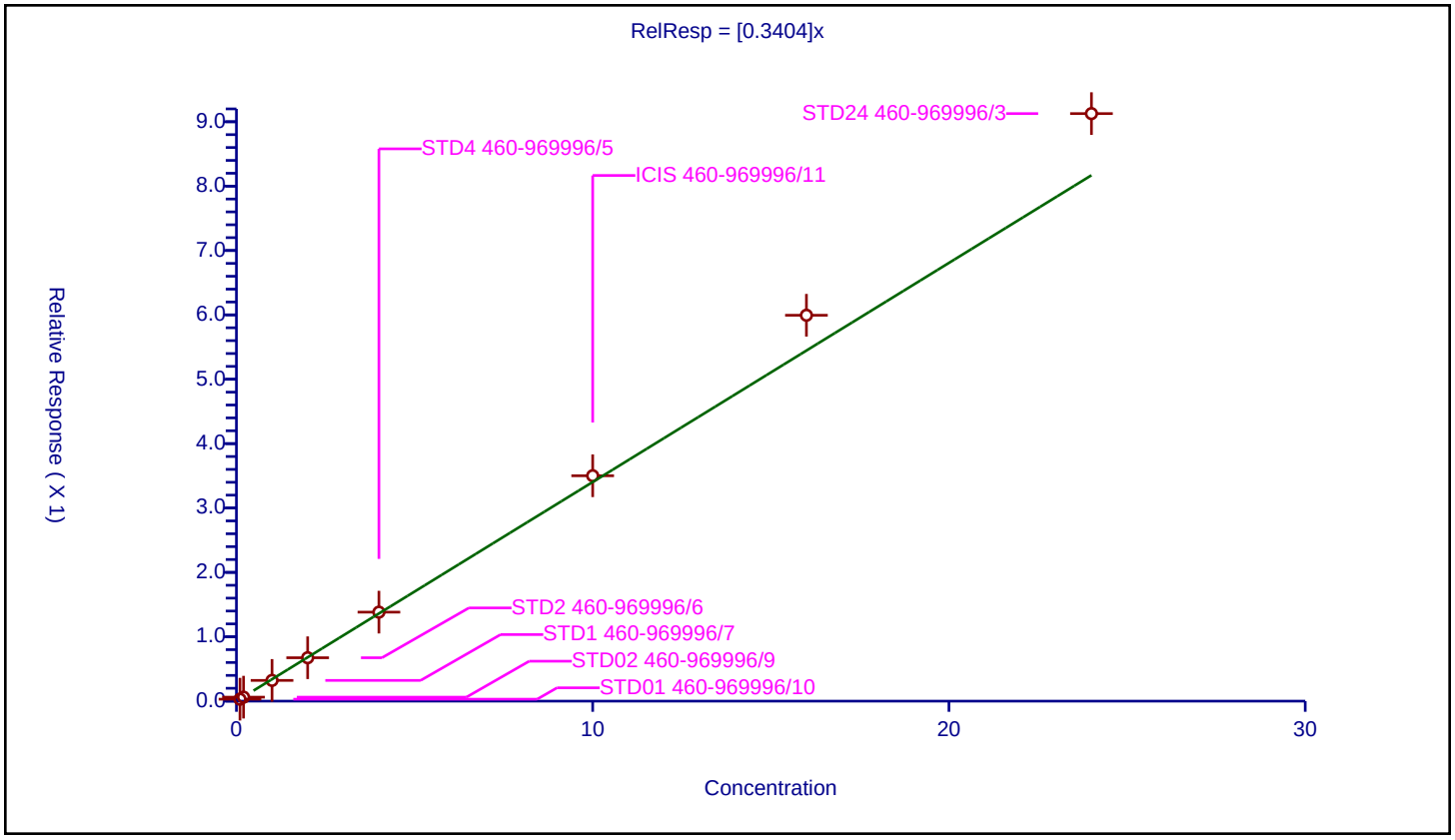
Curve Coefficients

Intercept:	0
Slope:	0.3404

Error Coefficients

Relative Standard Deviation:	8.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-969996/10	0.1	0.0304	8.0	1124487.0	0.303996	Y
2	STD02 460-969996/9	0.2	0.061794	8.0	1011232.0	0.30897	Y
3	STD1 460-969996/7	1.0	0.322285	8.0	1050003.0	0.322285	Y
4	STD2 460-969996/6	2.0	0.674092	8.0	1004326.0	0.337046	Y
5	STD4 460-969996/5	4.0	1.382366	8.0	1052595.0	0.345592	Y
6	ICIS 460-969996/11	10.0	3.501357	8.0	1020962.0	0.350136	Y
7	STD16 460-969996/4	16.0	5.994495	8.0	1058969.0	0.374656	Y
8	STD24 460-969996/3	24.0	9.126852	8.0	1032831.0	0.380286	Y



Calibration / Nitrobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

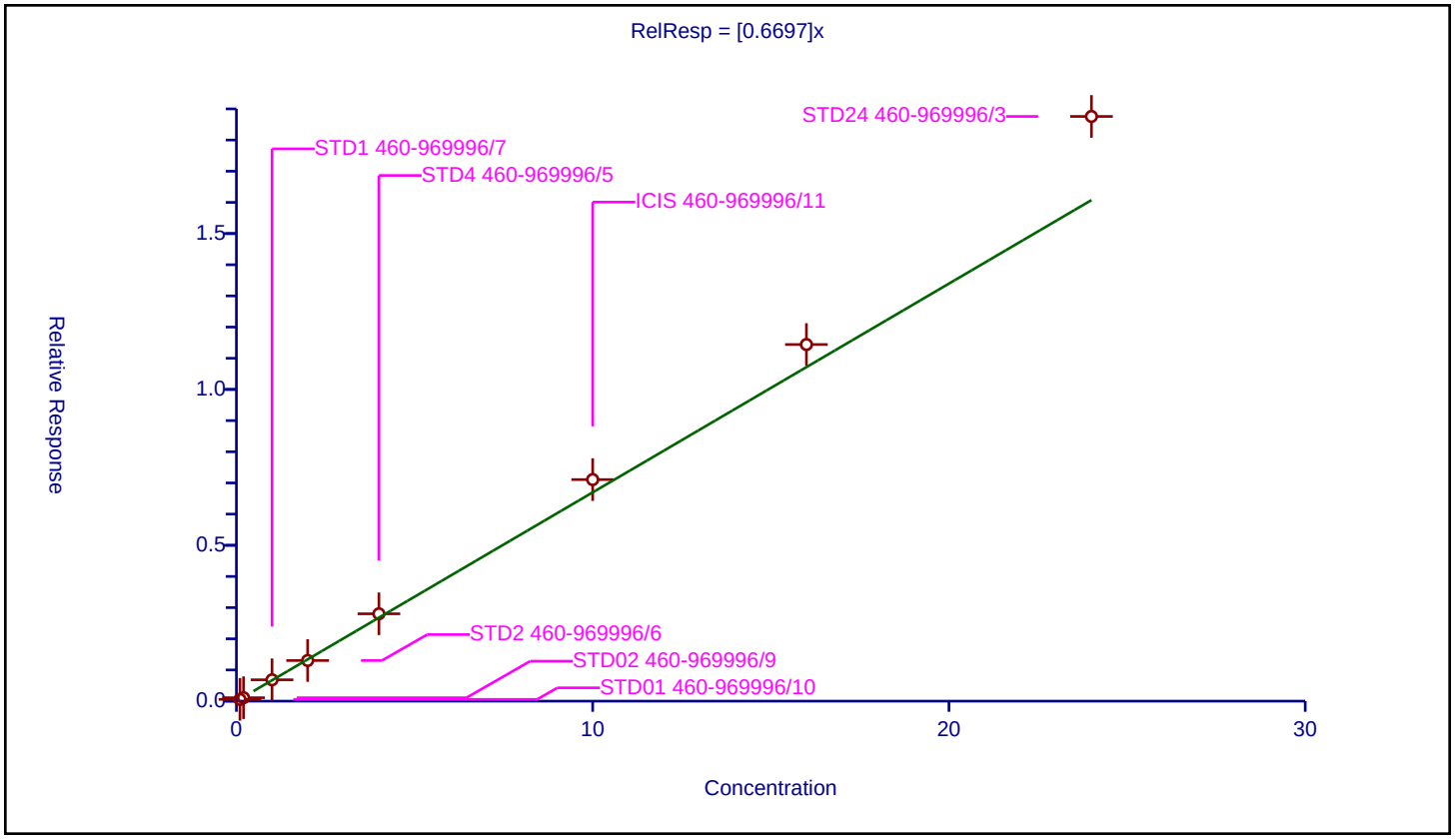
Curve Coefficients

Intercept:	0
Slope:	0.6697

Error Coefficients

Relative Standard Deviation:	11.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-969996/10	0.1	0.056629	8.0	280278.0	0.566295	Y
2	STD02 460-969996/9	0.2	0.109494	8.0	252726.0	0.54747	Y
3	STD1 460-969996/7	1.0	0.684438	8.0	256140.0	0.684438	Y
4	STD2 460-969996/6	2.0	1.303493	8.0	247808.0	0.651747	Y
5	STD4 460-969996/5	4.0	2.802012	8.0	261178.0	0.700503	Y
6	ICIS 460-969996/11	10.0	7.107452	8.0	252141.0	0.710745	Y
7	STD16 460-969996/4	16.0	11.44086	8.0	269514.0	0.715054	Y
8	STD24 460-969996/3	24.0	18.756957	8.0	259431.0	0.78154	Y



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Calibration / n,n'-Dimethylaniline

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

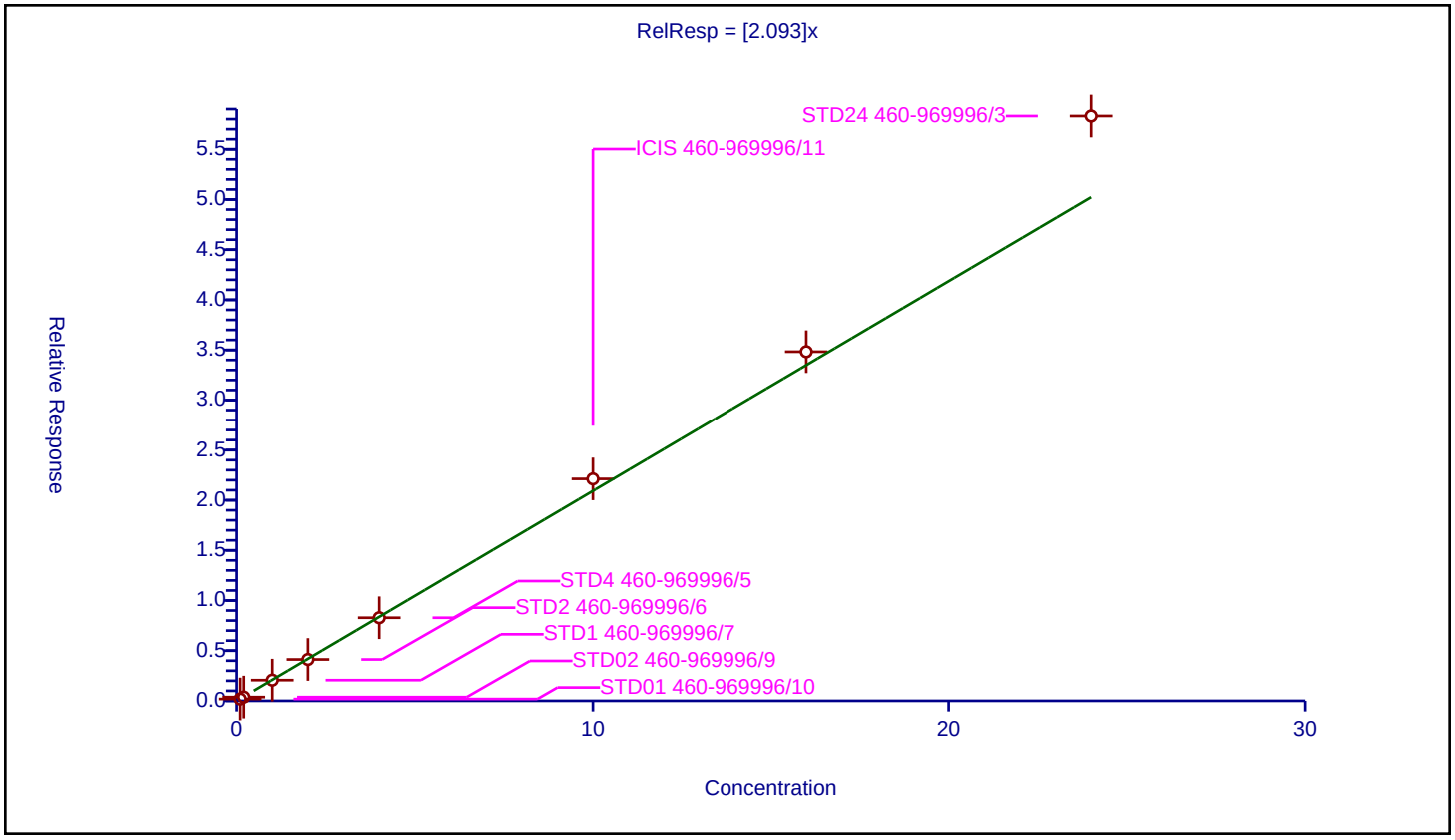
Curve Coefficients

Intercept:	0
Slope:	2.093

Error Coefficients

Relative Standard Deviation:	8.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-969996/10	0.1	0.185701	8.0	280278.0	1.857013	Y
2	STD02 460-969996/9	0.2	0.374857	8.0	252726.0	1.874283	Y
3	STD1 460-969996/7	1.0	2.06206	8.0	256140.0	2.06206	Y
4	STD2 460-969996/6	2.0	4.121126	8.0	247808.0	2.060563	Y
5	STD4 460-969996/5	4.0	8.28131	8.0	261178.0	2.070328	Y
6	ICIS 460-969996/11	10.0	22.129967	8.0	252141.0	2.212997	Y
7	STD16 460-969996/4	16.0	34.824759	8.0	269514.0	2.176547	Y
8	STD24 460-969996/3	24.0	58.30856	8.0	259431.0	2.429523	Y



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Calibration / Isophorone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

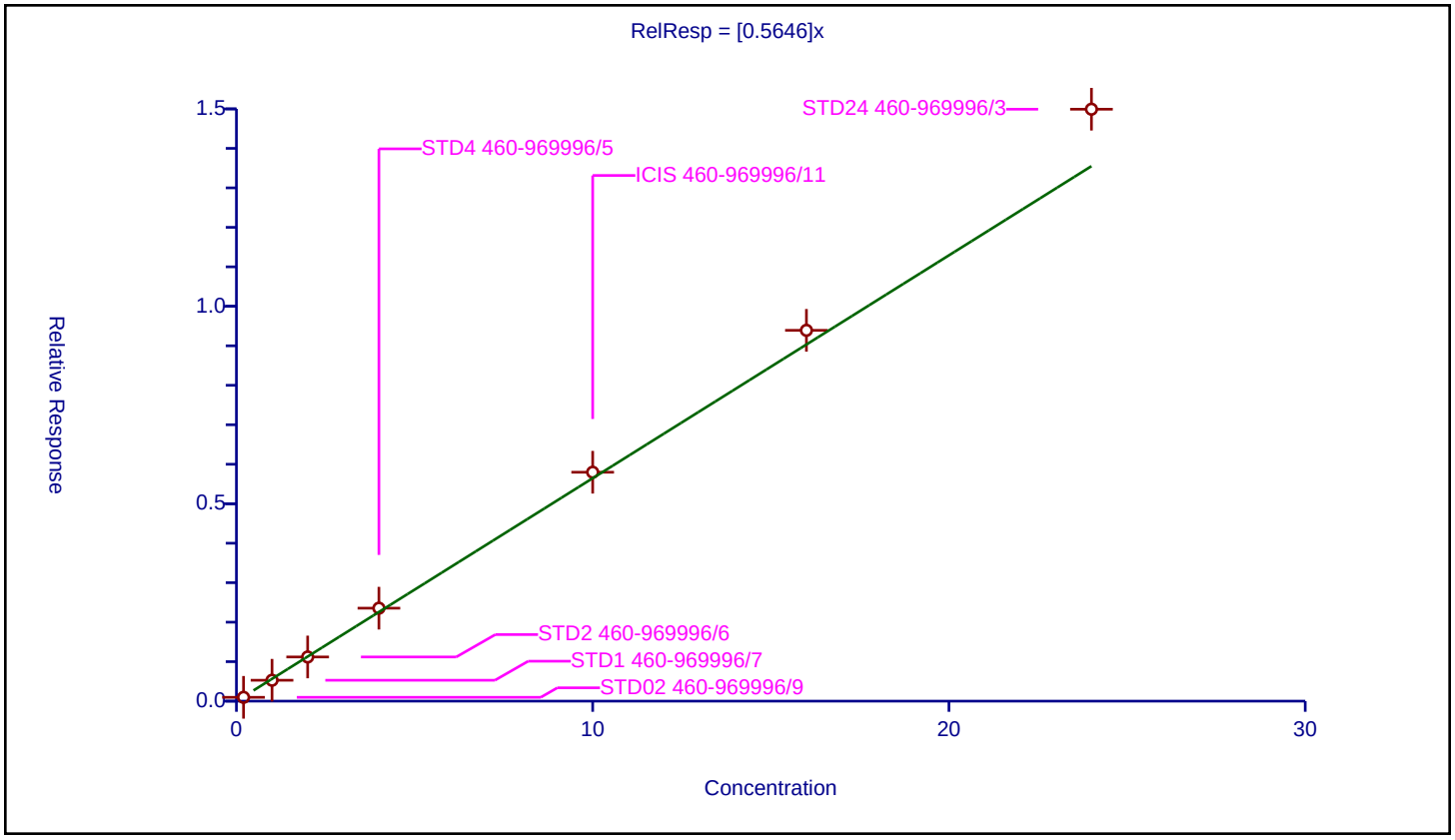
Curve Coefficients

Intercept:	0
Slope:	0.5646

Error Coefficients

Relative Standard Deviation:	8.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-969996/9	0.2	0.09669	8.0	1011232.0	0.48345	Y
2	STD1 460-969996/7	1.0	0.529218	8.0	1050003.0	0.529218	Y
3	STD2 460-969996/6	2.0	1.118442	8.0	1004326.0	0.559221	Y
4	STD4 460-969996/5	4.0	2.354364	8.0	1052595.0	0.588591	Y
5	ICIS 460-969996/11	10.0	5.797763	8.0	1020962.0	0.579776	Y
6	STD16 460-969996/4	16.0	9.391761	8.0	1058969.0	0.586985	Y
7	STD24 460-969996/3	24.0	14.991796	8.0	1032831.0	0.624658	Y



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Calibration / 2-Nitrophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

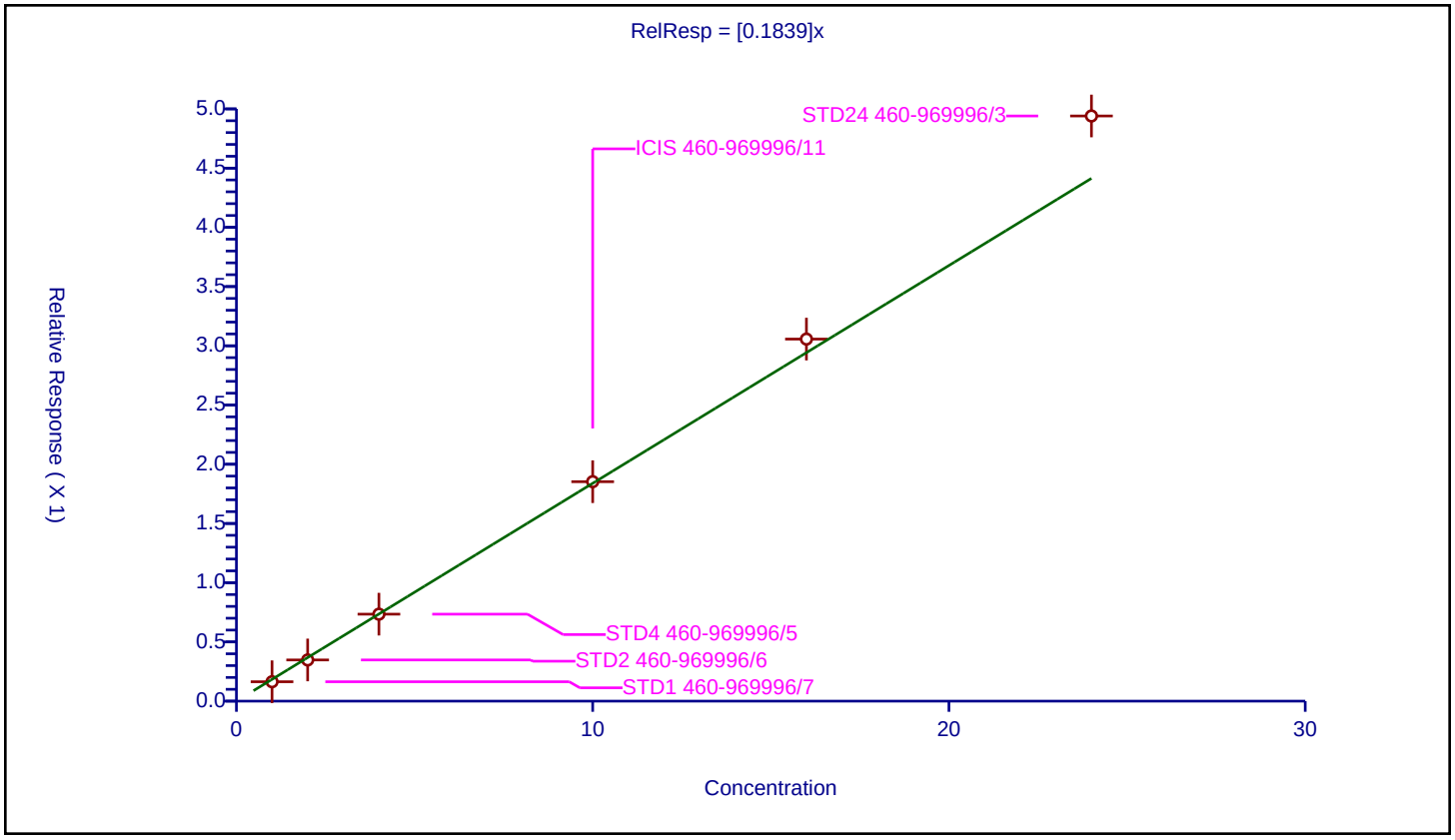
Curve Coefficients

Intercept:	0
Slope:	0.1839

Error Coefficients

Relative Standard Deviation:	7.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969996/7	1.0	0.163794	8.0	1050003.0	0.163794	Y
2	STD2 460-969996/6	2.0	0.347688	8.0	1004326.0	0.173844	Y
3	STD4 460-969996/5	4.0	0.734239	8.0	1052595.0	0.18356	Y
4	ICIS 460-969996/11	10.0	1.852723	8.0	1020962.0	0.185272	Y
5	STD16 460-969996/4	16.0	3.056603	8.0	1058969.0	0.191038	Y
6	STD24 460-969996/3	24.0	4.940115	8.0	1032831.0	0.205838	Y



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Calibration / 2,4-Dimethylphenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

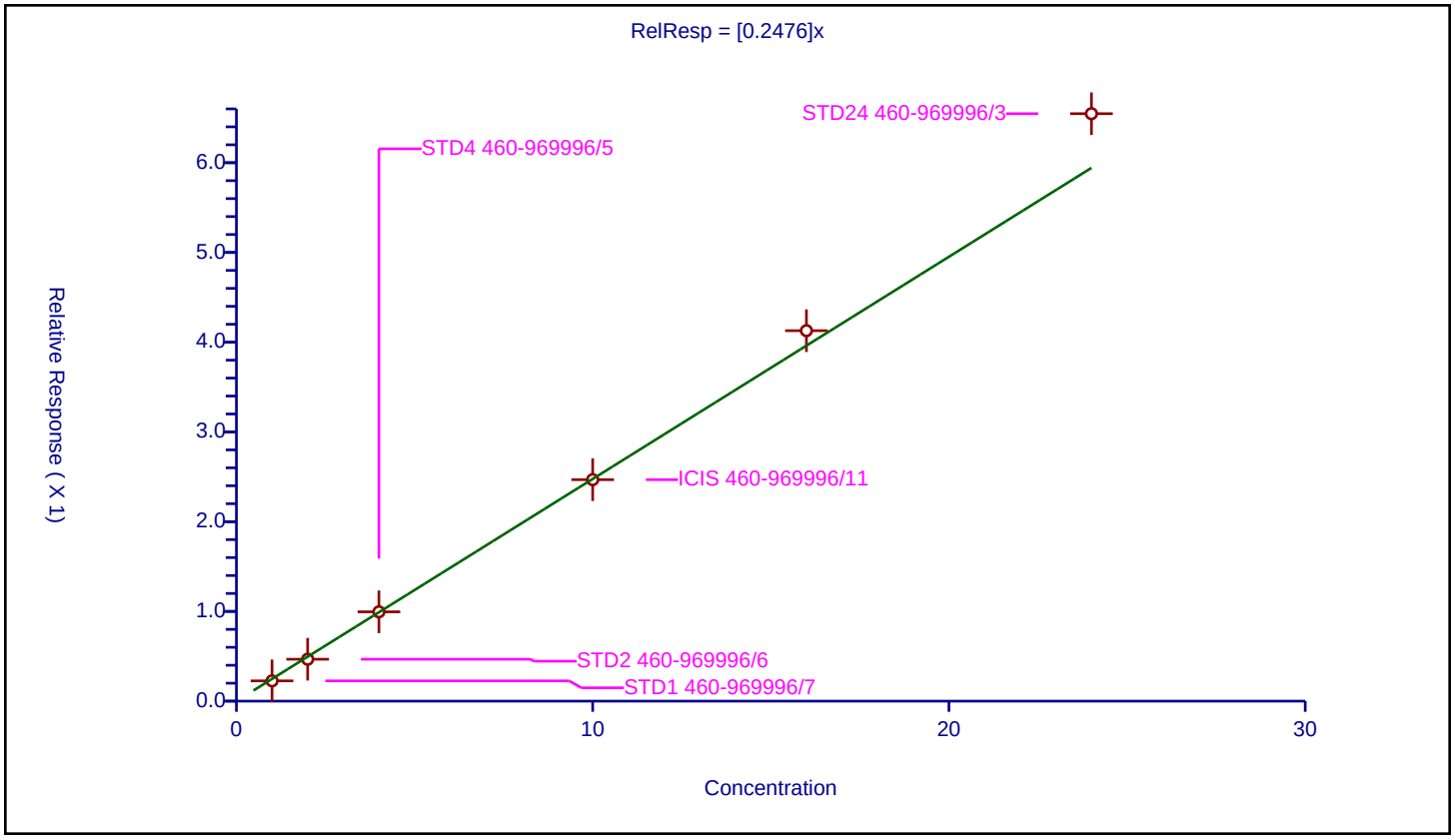
Curve Coefficients

Intercept:	0
Slope:	0.2476

Error Coefficients

Relative Standard Deviation:	6.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969996/7	1.0	0.225599	8.0	1050003.0	0.225599	Y
2	STD2 460-969996/6	2.0	0.467075	8.0	1004326.0	0.233538	Y
3	STD4 460-969996/5	4.0	0.99549	8.0	1052595.0	0.248873	Y
4	ICIS 460-969996/11	10.0	2.468057	8.0	1020962.0	0.246806	Y
5	STD16 460-969996/4	16.0	4.128597	8.0	1058969.0	0.258037	Y
6	STD24 460-969996/3	24.0	6.546597	8.0	1032831.0	0.272775	Y



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Calibration / Benzoic acid

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

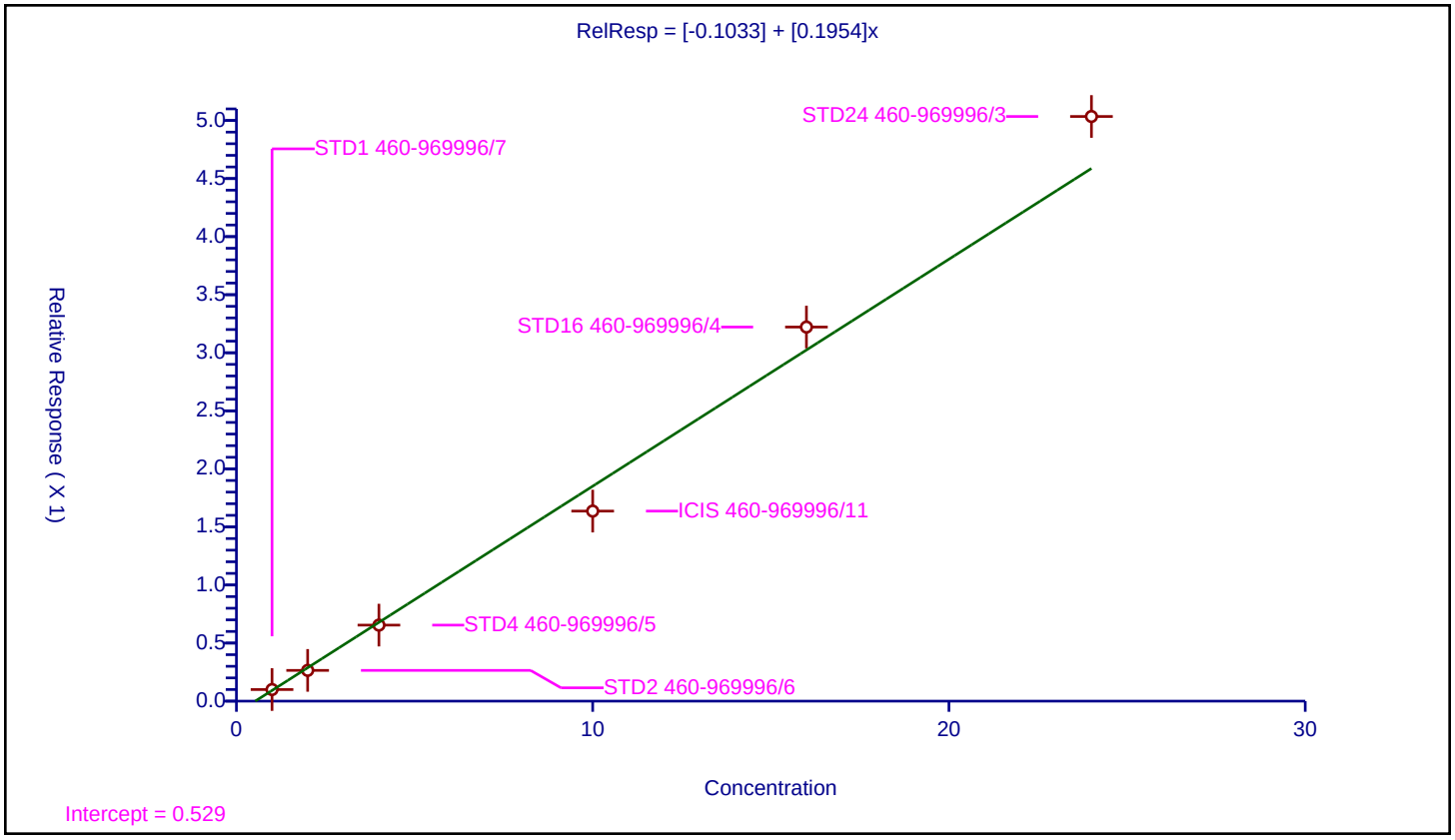
Curve Coefficients

Intercept:	-0.1033
Slope:	0.1954

Error Coefficients

Relative Standard Deviation:	8.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969996/7	1.0	0.099863	8.0	1050003.0	0.099863	Y
2	STD2 460-969996/6	2.0	0.264783	8.0	1004326.0	0.132391	Y
3	STD4 460-969996/5	4.0	0.654634	8.0	1052595.0	0.163658	Y
4	ICIS 460-969996/11	10.0	1.636551	8.0	1020962.0	0.163655	Y
5	STD16 460-969996/4	16.0	3.221284	8.0	1058969.0	0.20133	Y
6	STD24 460-969996/3	24.0	5.034589	8.0	1032831.0	0.209775	Y



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Calibration / Bis(2-chloroethoxy)methane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

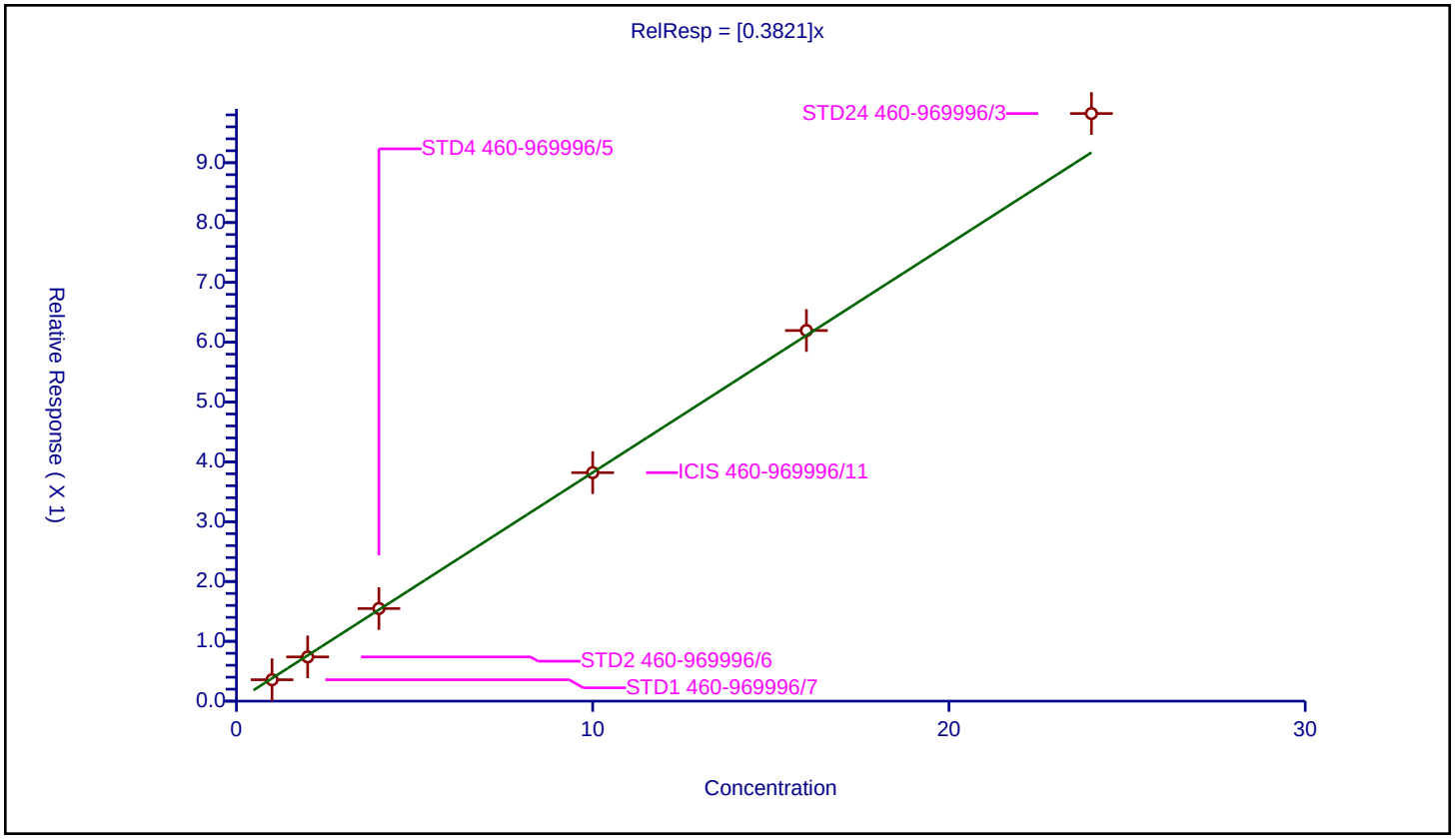
Curve Coefficients

Intercept:	0
Slope:	0.3821

Error Coefficients

Relative Standard Deviation:	4.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969996/7	1.0	0.357774	8.0	1050003.0	0.357774	Y
2	STD2 460-969996/6	2.0	0.739075	8.0	1004326.0	0.369537	Y
3	STD4 460-969996/5	4.0	1.548212	8.0	1052595.0	0.387053	Y
4	ICIS 460-969996/11	10.0	3.819543	8.0	1020962.0	0.381954	Y
5	STD16 460-969996/4	16.0	6.195558	8.0	1058969.0	0.387222	Y
6	STD24 460-969996/3	24.0	9.822354	8.0	1032831.0	0.409265	Y



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Calibration / 2,4-Dichlorophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

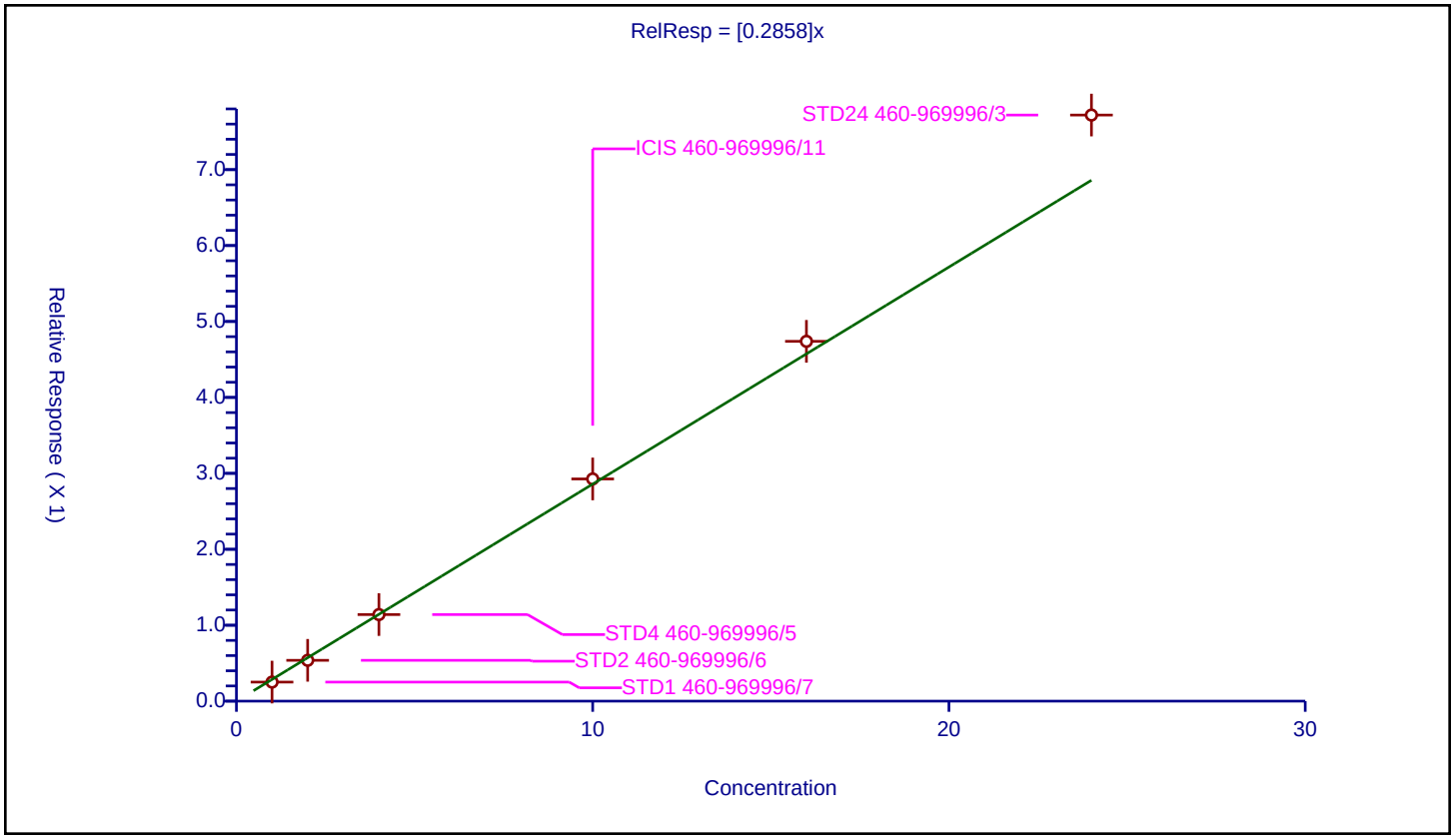
Curve Coefficients

Intercept:	0
Slope:	0.2858

Error Coefficients

Relative Standard Deviation:	8.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969996/7	1.0	0.250849	8.0	1050003.0	0.250849	Y
2	STD2 460-969996/6	2.0	0.53757	8.0	1004326.0	0.268785	Y
3	STD4 460-969996/5	4.0	1.140078	8.0	1052595.0	0.285019	Y
4	ICIS 460-969996/11	10.0	2.926448	8.0	1020962.0	0.292645	Y
5	STD16 460-969996/4	16.0	4.73873	8.0	1058969.0	0.296171	Y
6	STD24 460-969996/3	24.0	7.718847	8.0	1032831.0	0.321619	Y



Calibration / 1,2,4-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

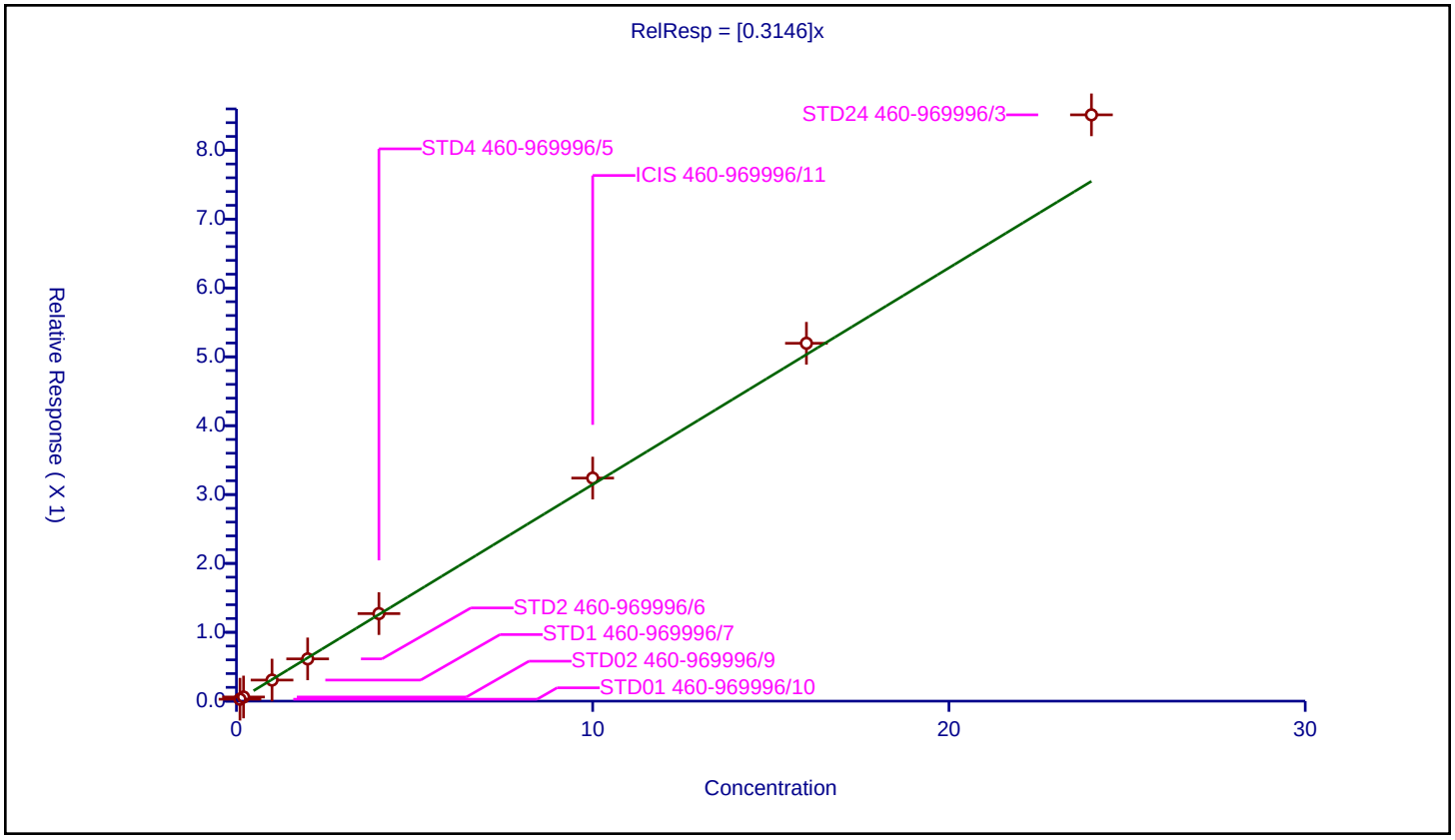
Curve Coefficients

Intercept:	0
Slope:	0.3146

Error Coefficients

Relative Standard Deviation:	6.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-969996/10	0.1	0.02813	8.0	1124487.0	0.281302	Y
2	STD02 460-969996/9	0.2	0.060275	8.0	1011232.0	0.301375	Y
3	STD1 460-969996/7	1.0	0.305972	8.0	1050003.0	0.305972	Y
4	STD2 460-969996/6	2.0	0.61353	8.0	1004326.0	0.306765	Y
5	STD4 460-969996/5	4.0	1.271076	8.0	1052595.0	0.317769	Y
6	ICIS 460-969996/11	10.0	3.239188	8.0	1020962.0	0.323919	Y
7	STD16 460-969996/4	16.0	5.196571	8.0	1058969.0	0.324786	Y
8	STD24 460-969996/3	24.0	8.513757	8.0	1032831.0	0.35474	Y



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Calibration / Naphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

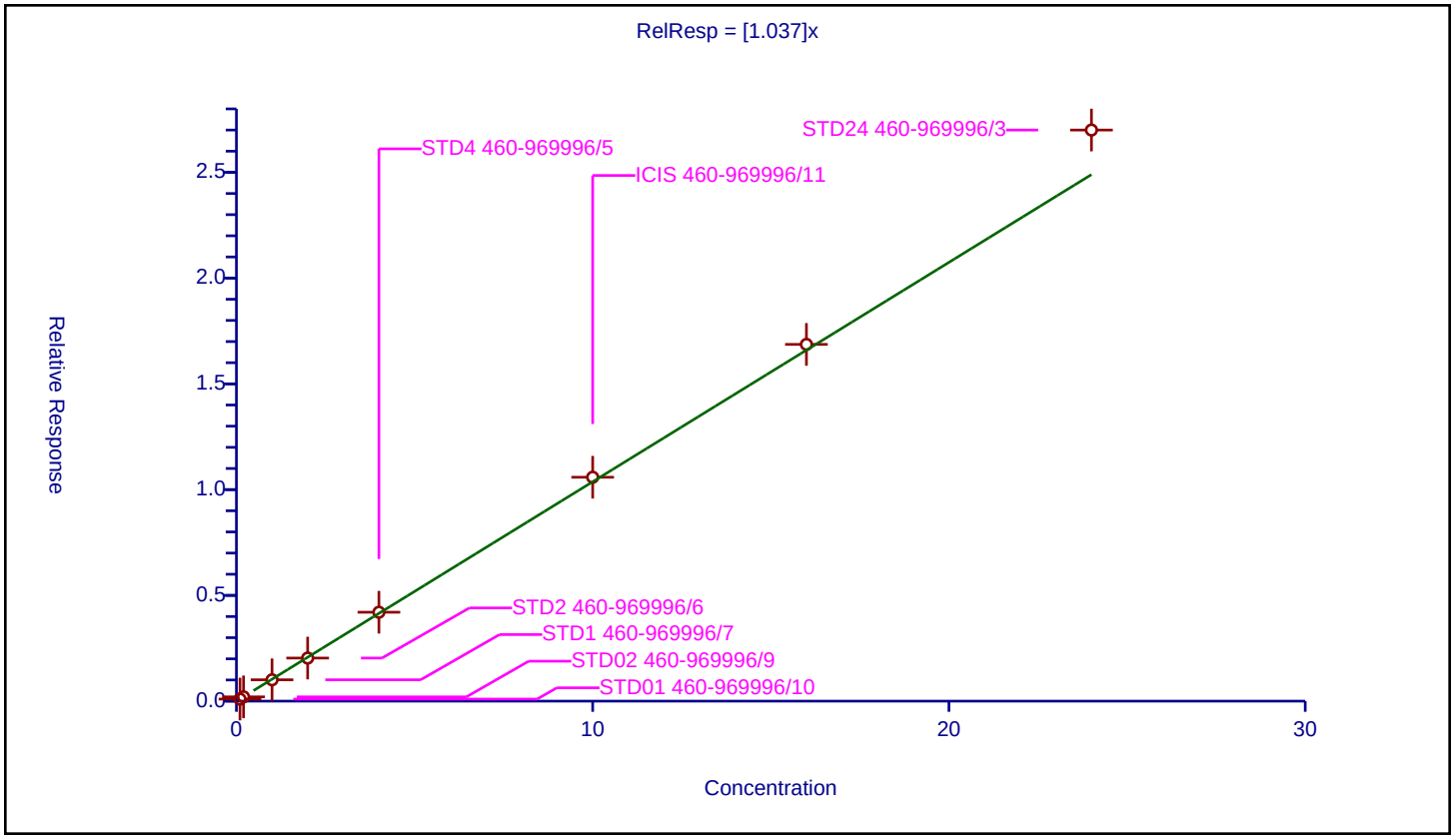
Curve Coefficients

Intercept:	0
Slope:	1.037

Error Coefficients

Relative Standard Deviation:	4.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-969996/10	0.1	0.097467	8.0	1124487.0	0.974667	Y
2	STD02 460-969996/9	0.2	0.201513	8.0	1011232.0	1.007563	Y
3	STD1 460-969996/7	1.0	1.009026	8.0	1050003.0	1.009026	Y
4	STD2 460-969996/6	2.0	2.03663	8.0	1004326.0	1.018315	Y
5	STD4 460-969996/5	4.0	4.203235	8.0	1052595.0	1.050809	Y
6	ICIS 460-969996/11	10.0	10.585264	8.0	1020962.0	1.058526	Y
7	STD16 460-969996/4	16.0	16.86605	8.0	1058969.0	1.054128	Y
8	STD24 460-969996/3	24.0	27.000274	8.0	1032831.0	1.125011	Y



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Calibration / 4-Chloroaniline

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

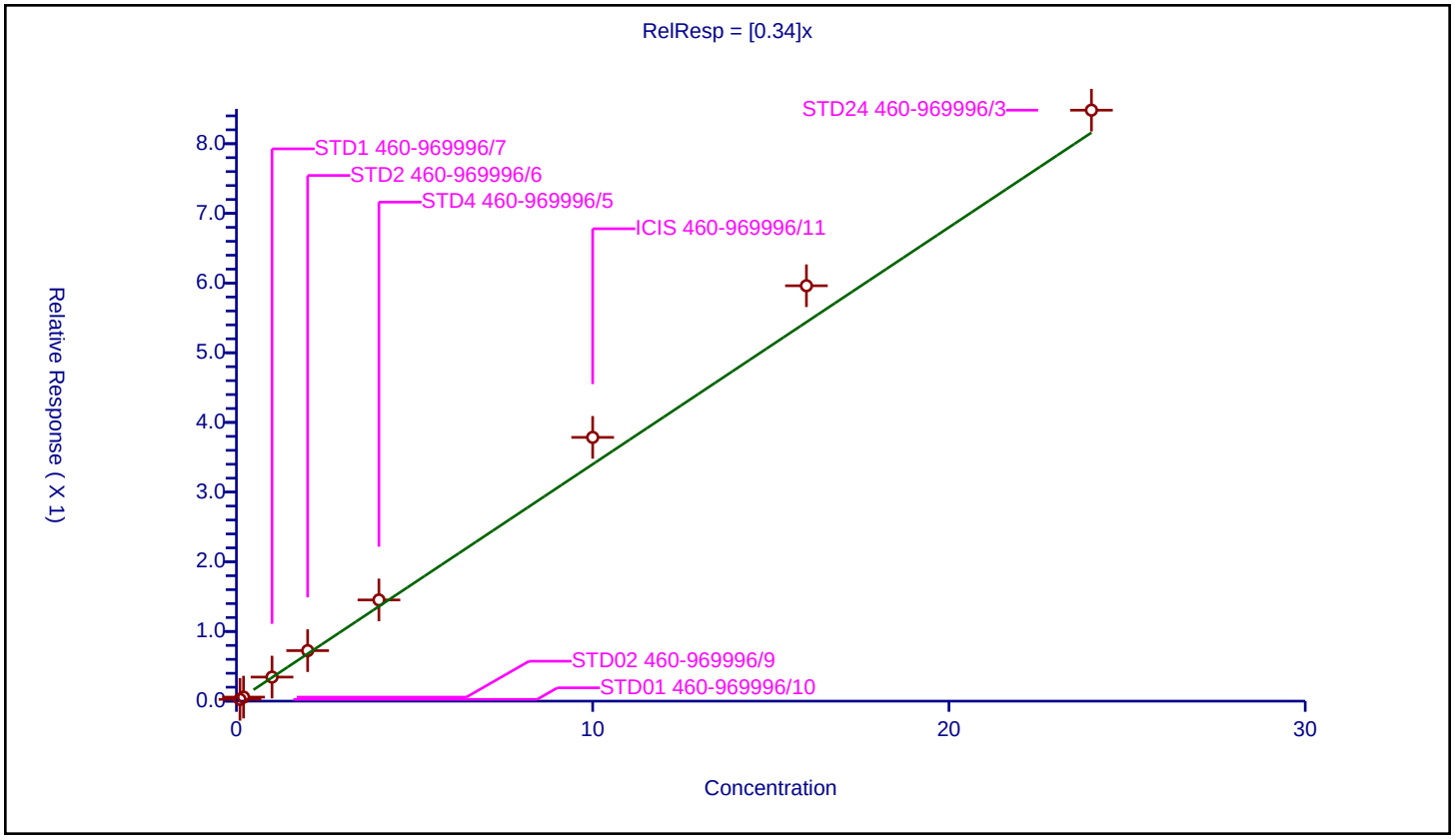
Curve Coefficients

Intercept:	0
Slope:	0.34

Error Coefficients

Relative Standard Deviation:	13.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-969996/10	0.1	0.025391	8.0	1124487.0	0.253911	Y
2	STD02 460-969996/9	0.2	0.058084	8.0	1011232.0	0.290418	Y
3	STD1 460-969996/7	1.0	0.345431	8.0	1050003.0	0.345431	Y
4	STD2 460-969996/6	2.0	0.724904	8.0	1004326.0	0.362452	Y
5	STD4 460-969996/5	4.0	1.452198	8.0	1052595.0	0.363049	Y
6	ICIS 460-969996/11	10.0	3.785645	8.0	1020962.0	0.378565	Y
7	STD16 460-969996/4	16.0	5.961972	8.0	1058969.0	0.372623	Y
8	STD24 460-969996/3	24.0	8.481682	8.0	1032831.0	0.353403	Y



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Calibration / 2,6-Dichlorophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

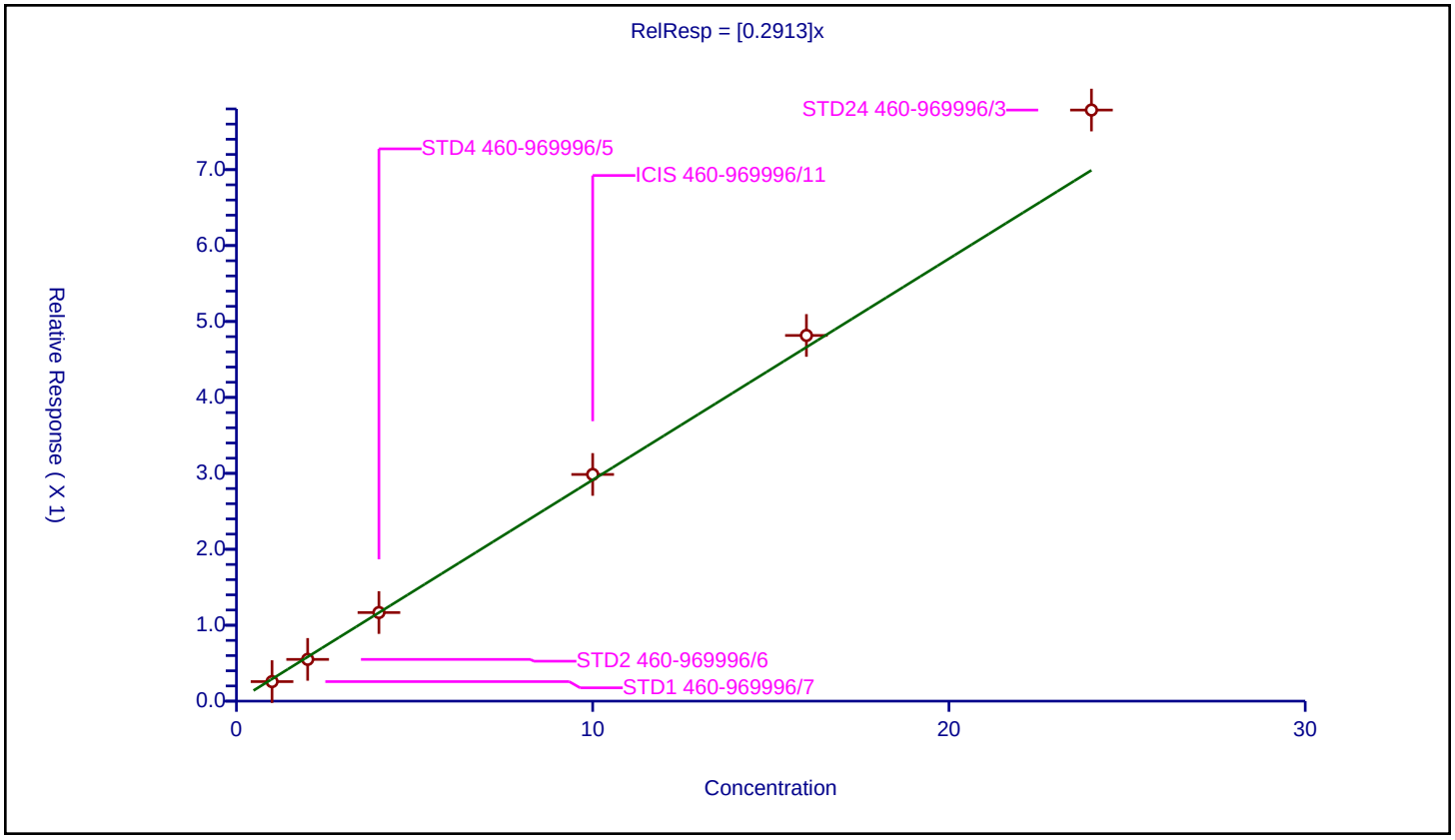
Curve Coefficients

Intercept:	0
Slope:	0.2913

Error Coefficients

Relative Standard Deviation:	7.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969996/7	1.0	0.257394	8.0	1050003.0	0.257394	Y
2	STD2 460-969996/6	2.0	0.549997	8.0	1004326.0	0.274998	Y
3	STD4 460-969996/5	4.0	1.166945	8.0	1052595.0	0.291736	Y
4	ICIS 460-969996/11	10.0	2.985474	8.0	1020962.0	0.298547	Y
5	STD16 460-969996/4	16.0	4.816307	8.0	1058969.0	0.301019	Y
6	STD24 460-969996/3	24.0	7.785026	8.0	1032831.0	0.324376	Y



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Calibration / Hexachlorobutadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

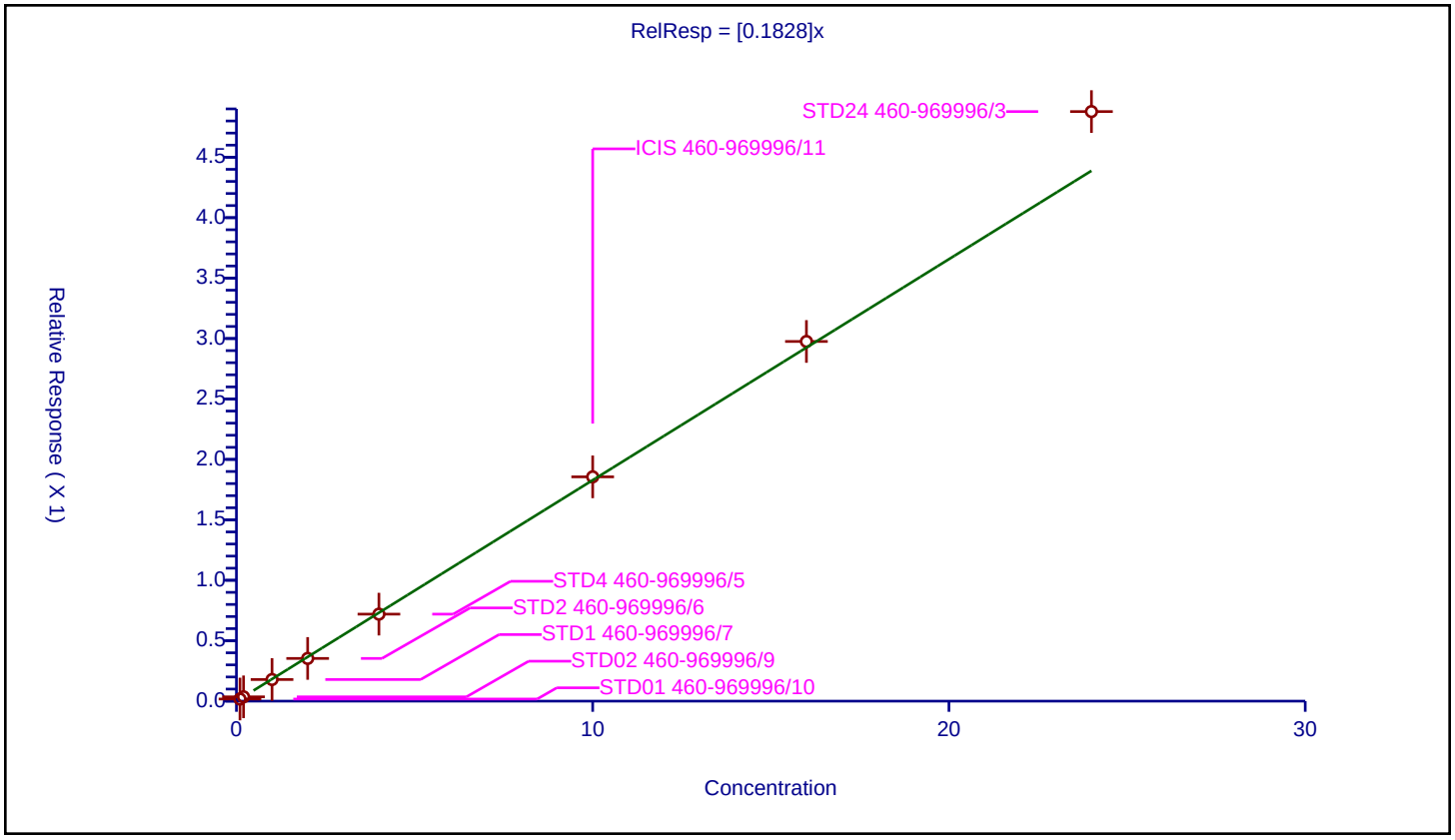
Curve Coefficients

Intercept:	0
Slope:	0.1828

Error Coefficients

Relative Standard Deviation:	5.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-969996/10	0.1	0.017416	8.0	1124487.0	0.174159	Y
2	STD02 460-969996/9	0.2	0.035624	8.0	1011232.0	0.178119	Y
3	STD1 460-969996/7	1.0	0.178887	8.0	1050003.0	0.178887	Y
4	STD2 460-969996/6	2.0	0.353407	8.0	1004326.0	0.176704	Y
5	STD4 460-969996/5	4.0	0.719867	8.0	1052595.0	0.179967	Y
6	ICIS 460-969996/11	10.0	1.855669	8.0	1020962.0	0.185567	Y
7	STD16 460-969996/4	16.0	2.975823	8.0	1058969.0	0.185989	Y
8	STD24 460-969996/3	24.0	4.877824	8.0	1032831.0	0.203243	Y



Calibration / Caprolactam

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

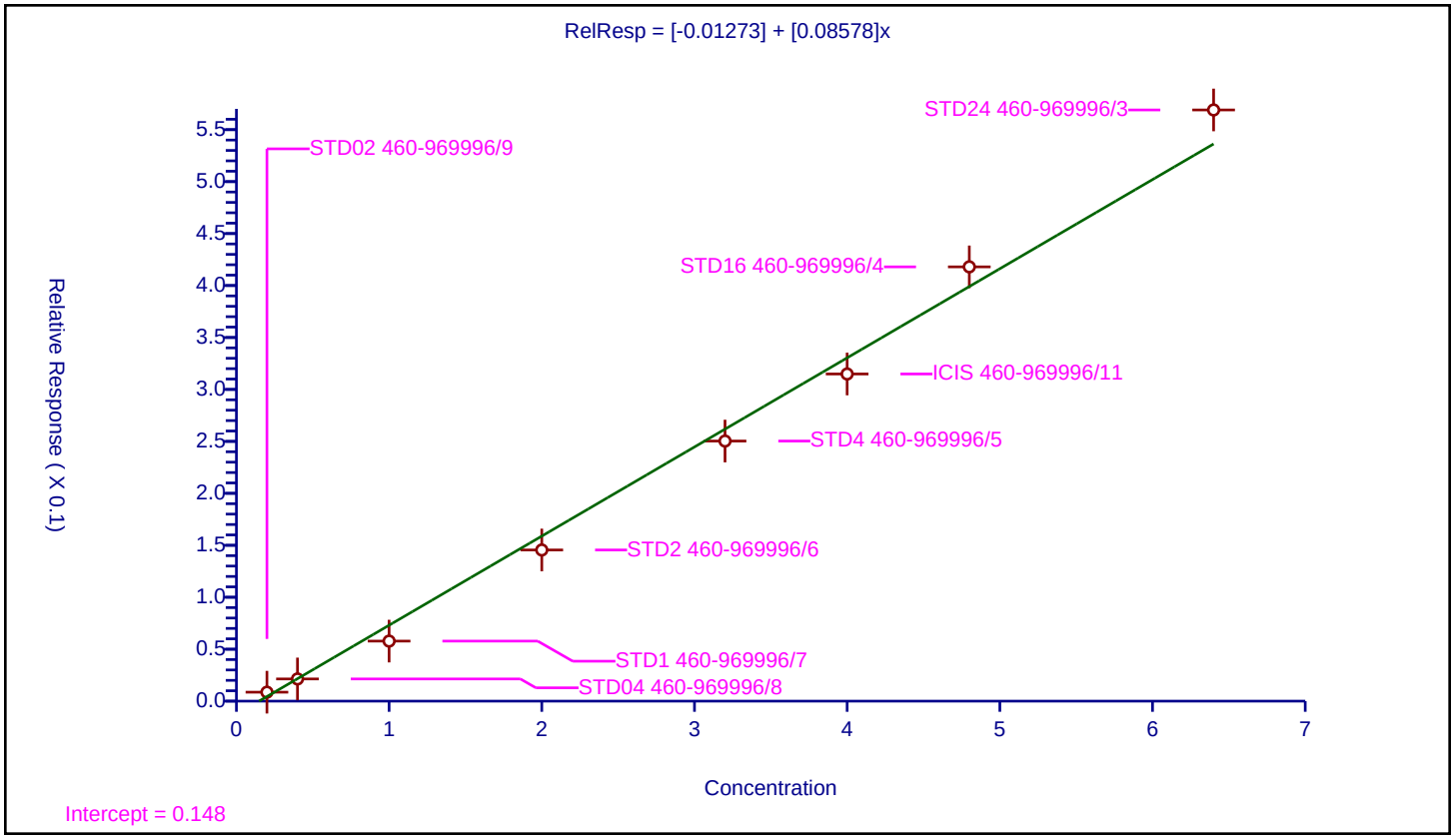
Curve Coefficients

Intercept:	-0.01273
Slope:	0.08578

Error Coefficients

Relative Standard Deviation:	13.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-969996/9	0.2	0.008615	8.0	1011232.0	0.043076	Y
2	STD04 460-969996/8	0.4	0.021353	8.0	1074877.0	0.053383	Y
3	STD1 460-969996/7	1.0	0.05779	8.0	1050003.0	0.05779	Y
4	STD2 460-969996/6	2.0	0.145475	8.0	1004326.0	0.072737	Y
5	STD4 460-969996/5	3.2	0.250315	8.0	1052595.0	0.078223	Y
6	ICIS 460-969996/11	4.0	0.314864	8.0	1020962.0	0.078716	Y
7	STD16 460-969996/4	4.8	0.417976	8.0	1058969.0	0.087078	Y
8	STD24 460-969996/3	6.4	0.568984	8.0	1032831.0	0.088904	Y



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Calibration / 4-Chloro-3-methylphenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

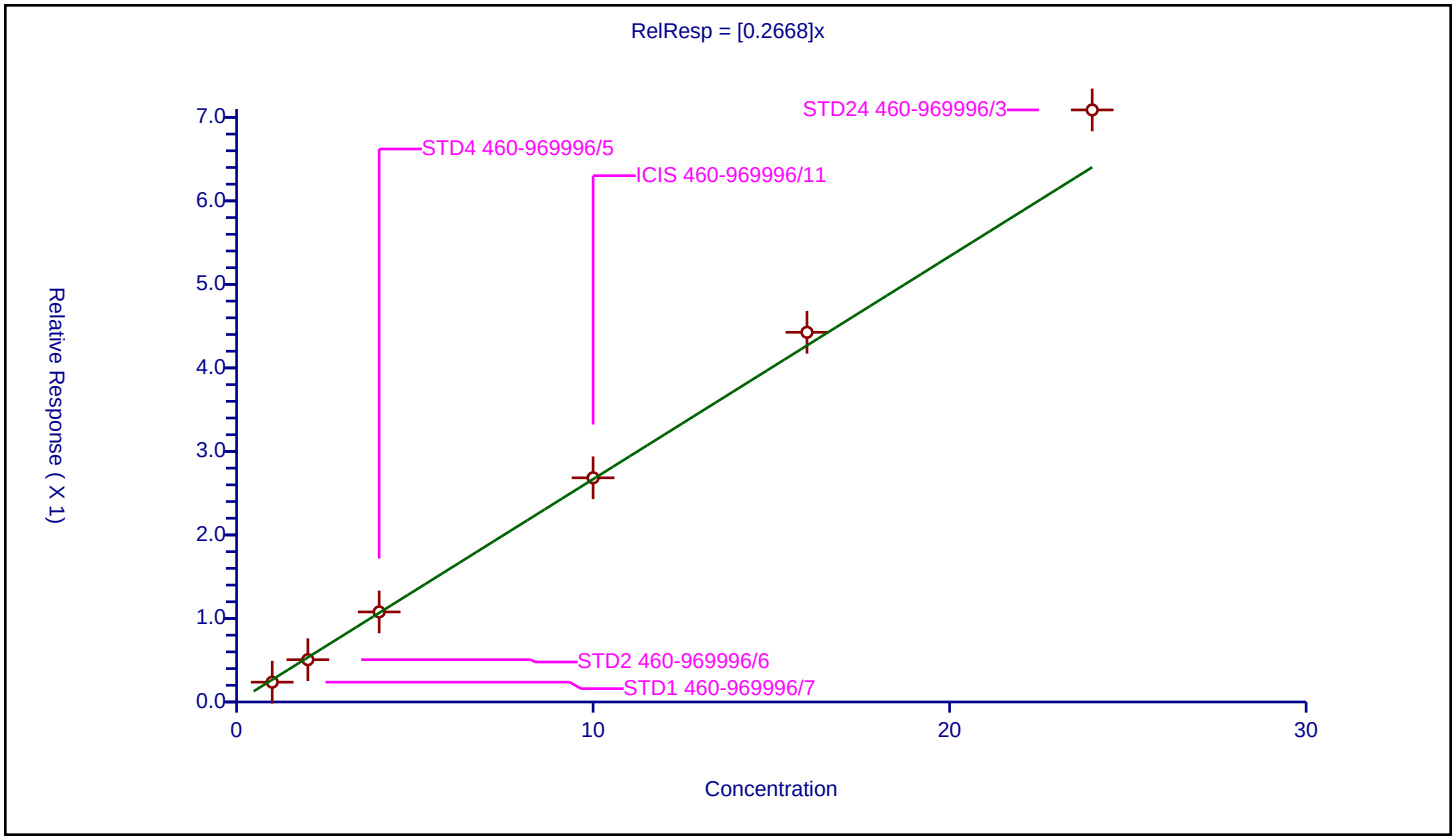
Curve Coefficients

Intercept:	0
Slope:	0.2668

Error Coefficients

Relative Standard Deviation:	7.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969996/7	1.0	0.237409	8.0	1050003.0	0.237409	Y
2	STD2 460-969996/6	2.0	0.506672	8.0	1004326.0	0.253336	Y
3	STD4 460-969996/5	4.0	1.078341	8.0	1052595.0	0.269585	Y
4	ICIS 460-969996/11	10.0	2.684057	8.0	1020962.0	0.268406	Y
5	STD16 460-969996/4	16.0	4.426441	8.0	1058969.0	0.276653	Y
6	STD24 460-969996/3	24.0	7.088982	8.0	1032831.0	0.295374	Y



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Calibration / 2-Methylnaphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

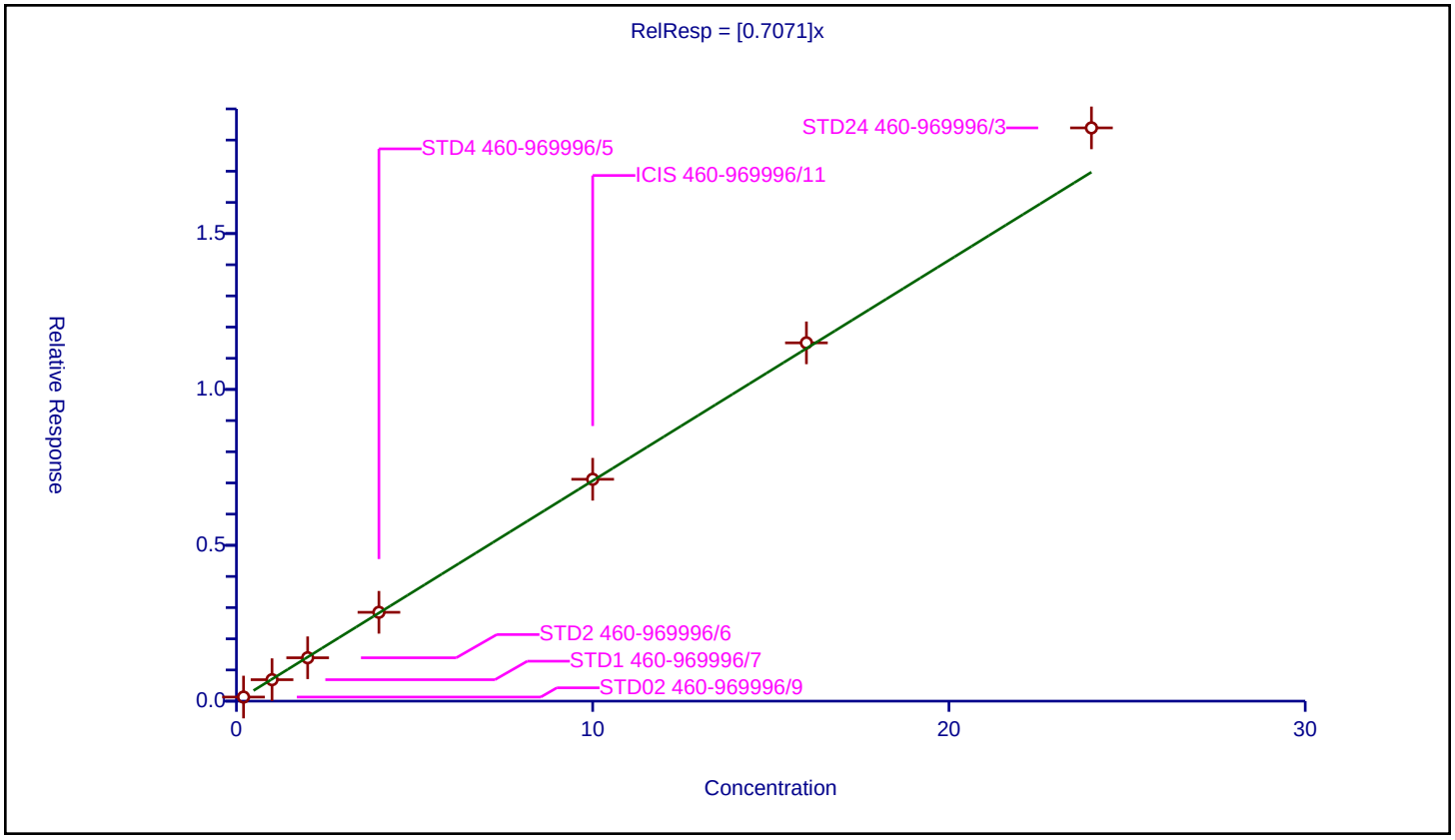
Curve Coefficients

Intercept:	0
Slope:	0.7071

Error Coefficients

Relative Standard Deviation:	4.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-969996/9	0.2	0.131515	8.0	1011232.0	0.657574	Y
2	STD1 460-969996/7	1.0	0.687853	8.0	1050003.0	0.687853	Y
3	STD2 460-969996/6	2.0	1.391086	8.0	1004326.0	0.695543	Y
4	STD4 460-969996/5	4.0	2.850228	8.0	1052595.0	0.712557	Y
5	ICIS 460-969996/11	10.0	7.118087	8.0	1020962.0	0.711809	Y
6	STD16 460-969996/4	16.0	11.494735	8.0	1058969.0	0.718421	Y
7	STD24 460-969996/3	24.0	18.390649	8.0	1032831.0	0.766277	Y



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Calibration / 1-Methylnaphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

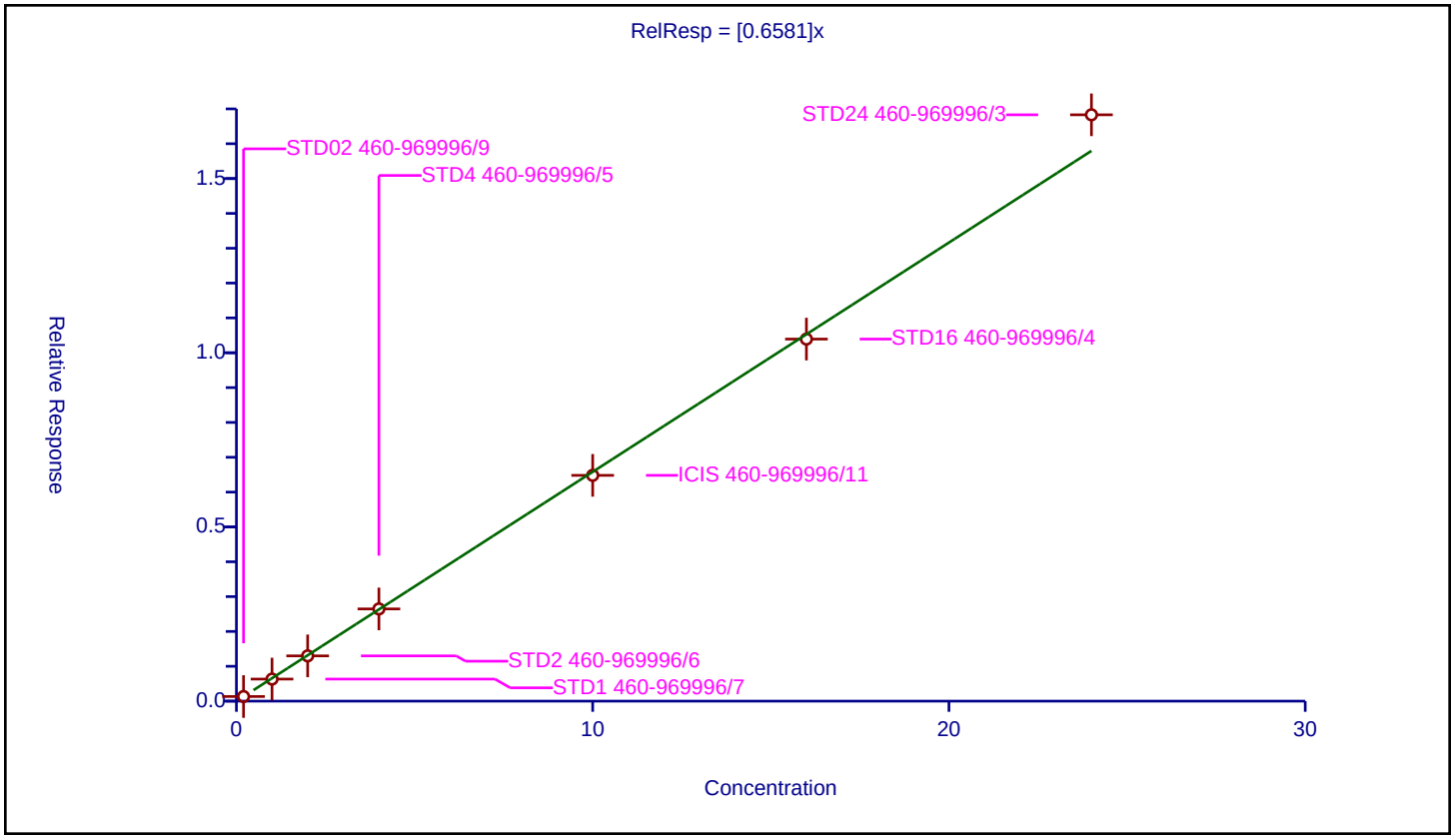
Curve Coefficients

Intercept:	0
Slope:	0.6581

Error Coefficients

Relative Standard Deviation:	3.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-969996/9	0.2	0.13267	8.0	1011232.0	0.663349	Y
2	STD1 460-969996/7	1.0	0.633149	8.0	1050003.0	0.633149	Y
3	STD2 460-969996/6	2.0	1.299323	8.0	1004326.0	0.649662	Y
4	STD4 460-969996/5	4.0	2.647263	8.0	1052595.0	0.661816	Y
5	ICIS 460-969996/11	10.0	6.481072	8.0	1020962.0	0.648107	Y
6	STD16 460-969996/4	16.0	10.392659	8.0	1058969.0	0.649541	Y
7	STD24 460-969996/3	24.0	16.830223	8.0	1032831.0	0.701259	Y



Calibration / Hexachlorocyclopentadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

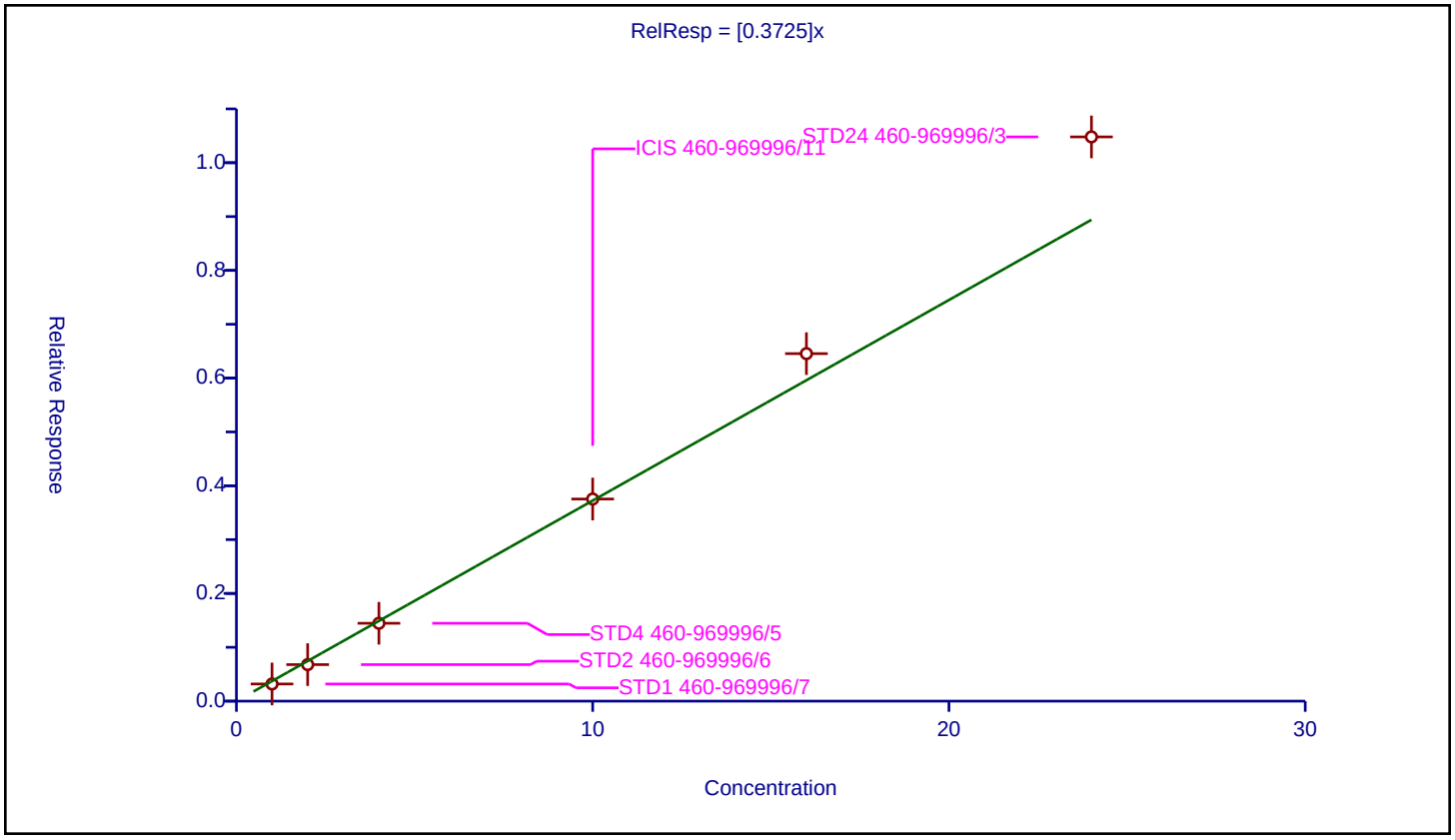
Curve Coefficients

Intercept:	0
Slope:	0.3725

Error Coefficients

Relative Standard Deviation:	11.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969996/7	1.0	0.318806	8.0	604480.0	0.318806	Y
2	STD2 460-969996/6	2.0	0.678328	8.0	575144.0	0.339164	Y
3	STD4 460-969996/5	4.0	1.446298	8.0	595916.0	0.361574	Y
4	ICIS 460-969996/11	10.0	3.754089	8.0	556298.0	0.375409	Y
5	STD16 460-969996/4	16.0	6.454557	8.0	574137.0	0.40341	Y
6	STD24 460-969996/3	24.0	10.479783	8.0	570521.0	0.436658	Y



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Calibration / 1,2,4,5-Tetrachlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

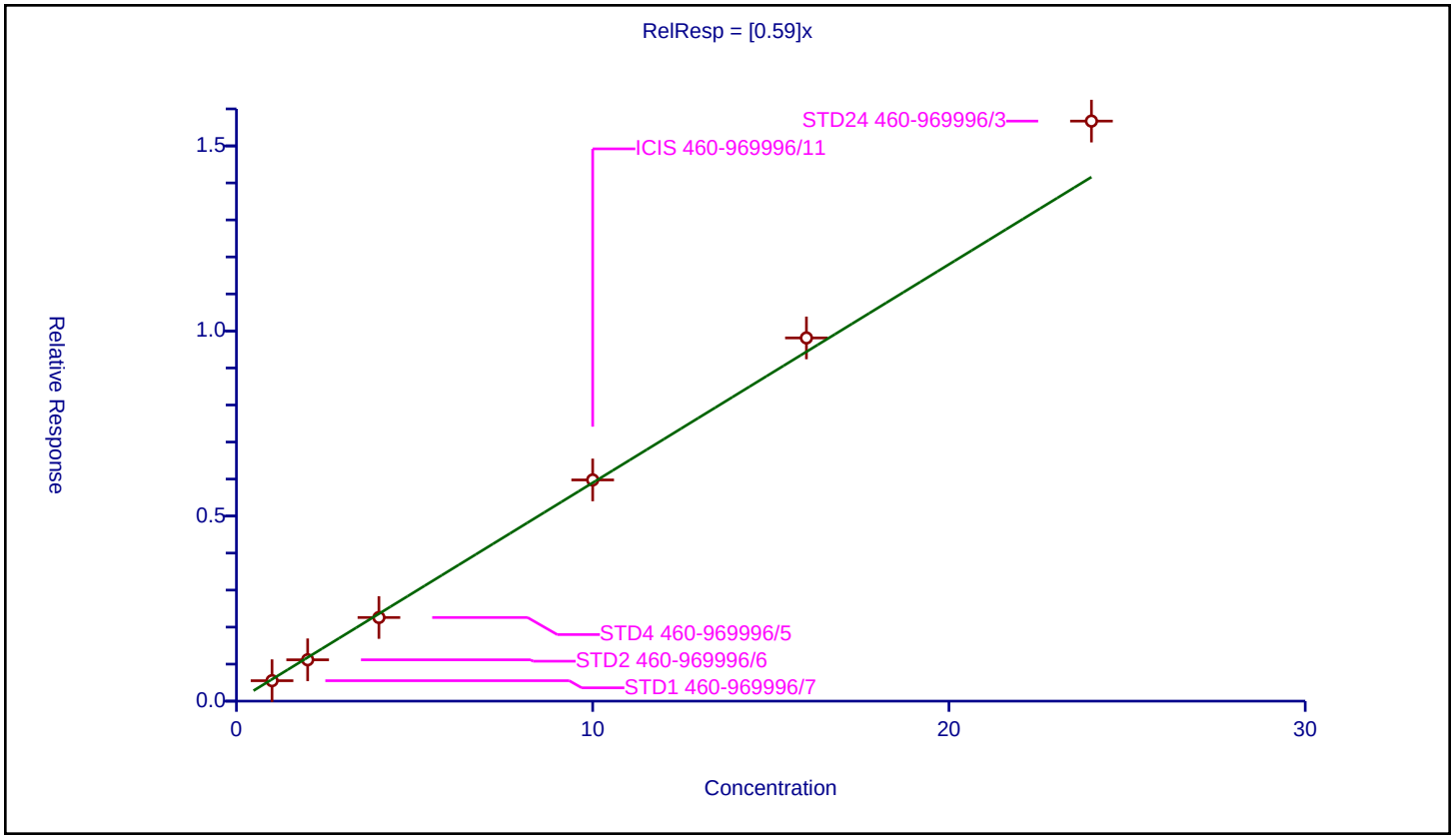
Curve Coefficients

Intercept:	0
Slope:	0.59

Error Coefficients

Relative Standard Deviation:	6.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969996/7	1.0	0.552581	8.0	604480.0	0.552581	Y
2	STD2 460-969996/6	2.0	1.116938	8.0	575144.0	0.558469	Y
3	STD4 460-969996/5	4.0	2.259352	8.0	595916.0	0.564838	Y
4	ICIS 460-969996/11	10.0	5.976121	8.0	556298.0	0.597612	Y
5	STD16 460-969996/4	16.0	9.812891	8.0	574137.0	0.613306	Y
6	STD24 460-969996/3	24.0	15.67021	8.0	570521.0	0.652925	Y



Calibration / 2-tertbutyl-4-methylphenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

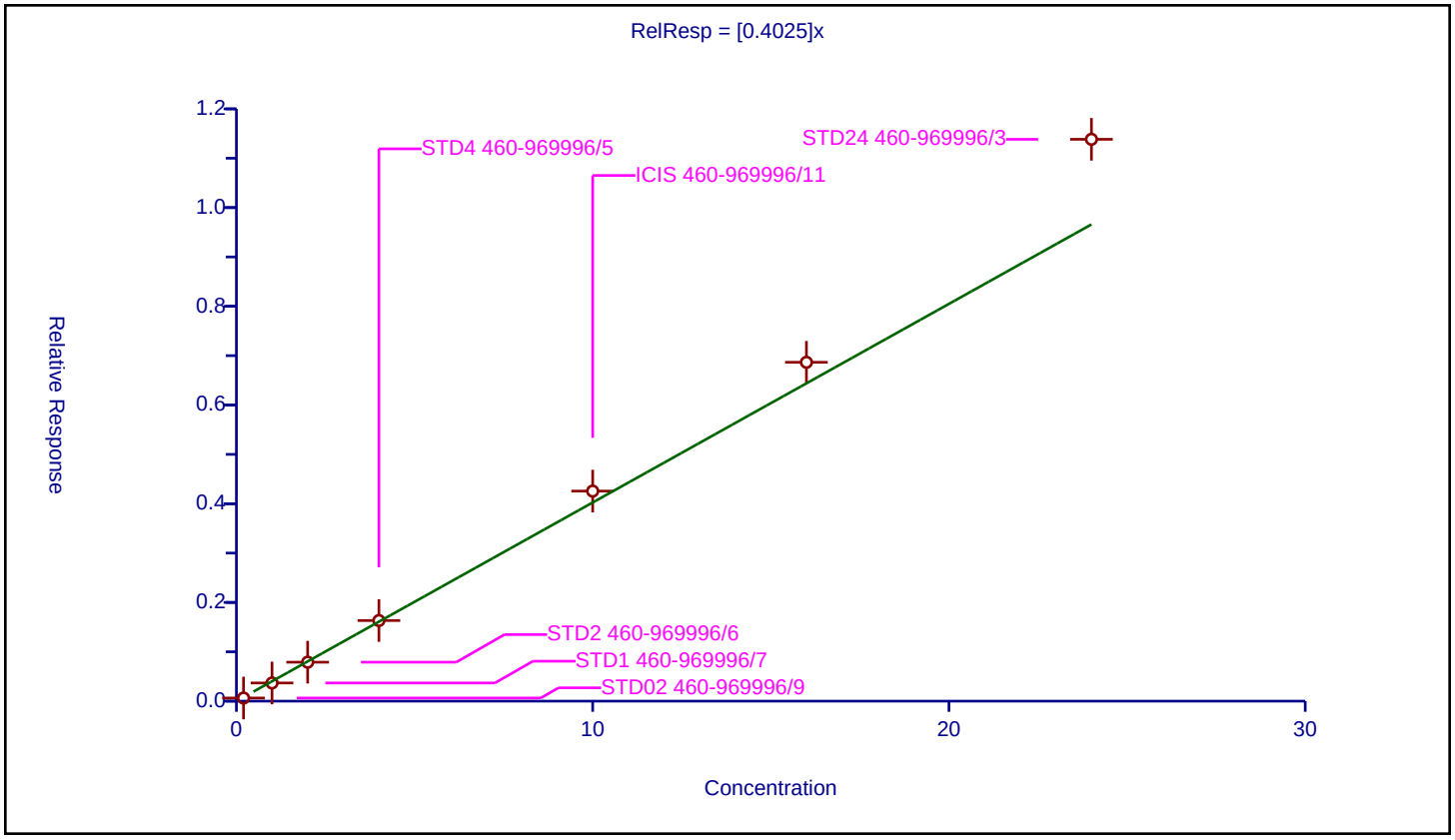
Curve Coefficients

Intercept:	0
Slope:	0.4025

Error Coefficients

Relative Standard Deviation:	12.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-969996/9	0.2	0.063384	8.0	1011232.0	0.31692	Y
2	STD1 460-969996/7	1.0	0.368487	8.0	1050003.0	0.368487	Y
3	STD2 460-969996/6	2.0	0.788987	8.0	1004326.0	0.394493	Y
4	STD4 460-969996/5	4.0	1.633054	8.0	1052595.0	0.408263	Y
5	ICIS 460-969996/11	10.0	4.255829	8.0	1020962.0	0.425583	Y
6	STD16 460-969996/4	16.0	6.865923	8.0	1058969.0	0.42912	Y
7	STD24 460-969996/3	24.0	11.383717	8.0	1032831.0	0.474322	Y



Calibration / 2,4,6-Trichlorophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

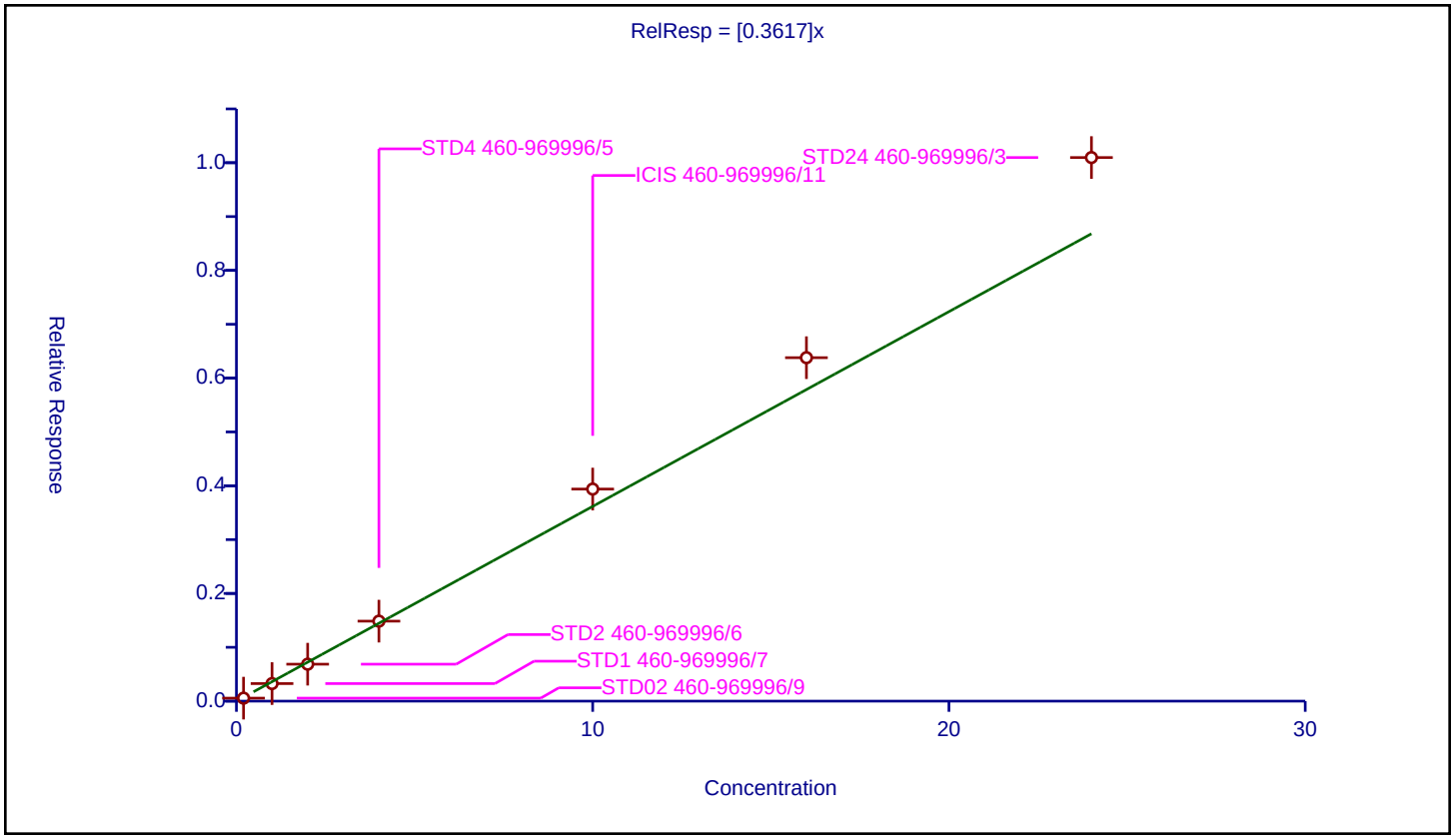
Curve Coefficients

Intercept:	0
Slope:	0.3617

Error Coefficients

Relative Standard Deviation:	13.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-969996/9	0.2	0.055519	8.0	584589.0	0.277597	Y
2	STD1 460-969996/7	1.0	0.32635	8.0	604480.0	0.32635	Y
3	STD2 460-969996/6	2.0	0.686339	8.0	575144.0	0.34317	Y
4	STD4 460-969996/5	4.0	1.485981	8.0	595916.0	0.371495	Y
5	ICIS 460-969996/11	10.0	3.939069	8.0	556298.0	0.393907	Y
6	STD16 460-969996/4	16.0	6.379133	8.0	574137.0	0.398696	Y
7	STD24 460-969996/3	24.0	10.096245	8.0	570521.0	0.420677	Y



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Calibration / 2,4,5-Trichlorophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

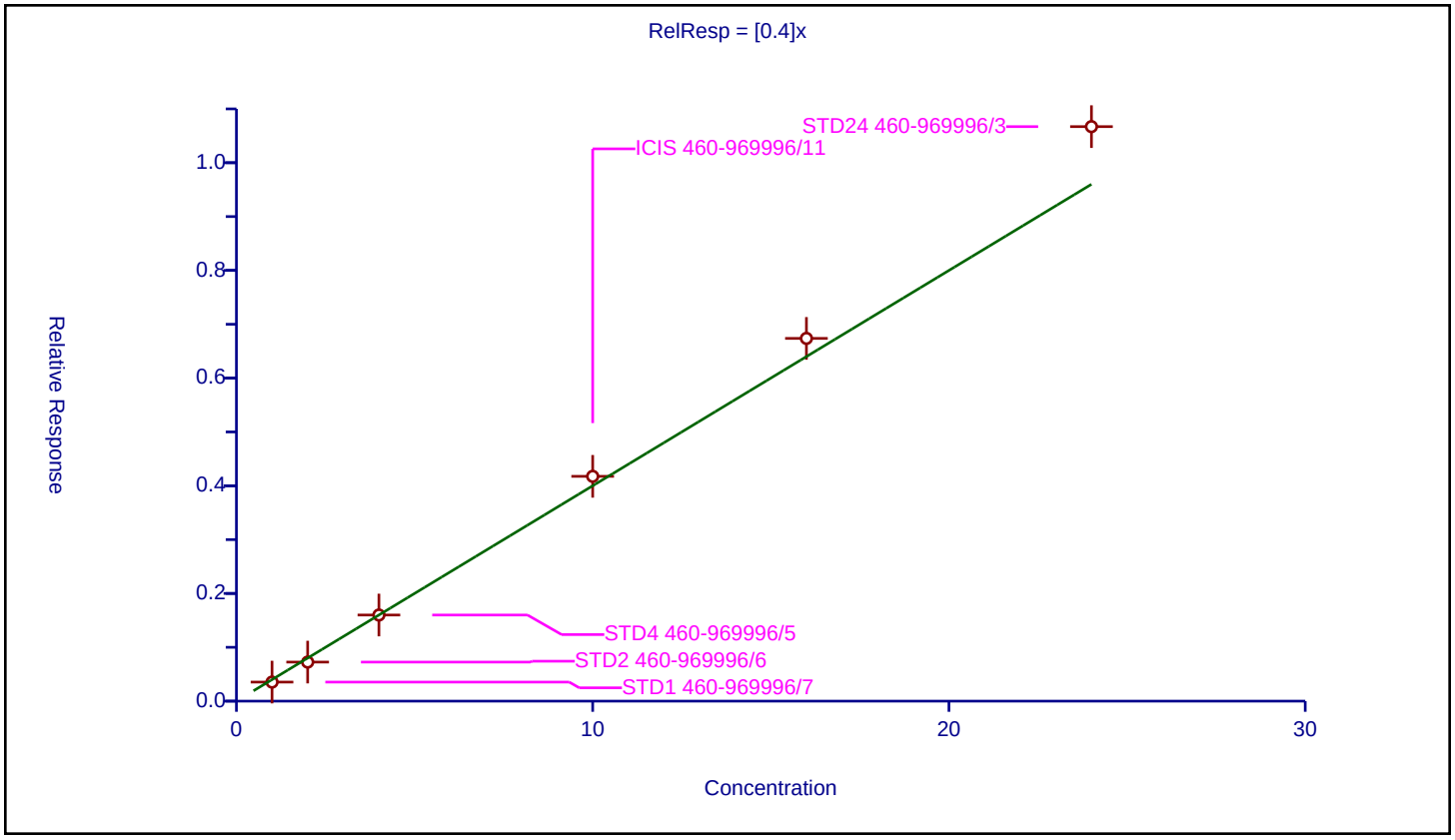
Curve Coefficients

Intercept:	0
Slope:	0.4

Error Coefficients

Relative Standard Deviation:	8.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969996/7	1.0	0.35401	8.0	604480.0	0.35401	Y
2	STD2 460-969996/6	2.0	0.725397	8.0	575144.0	0.362699	Y
3	STD4 460-969996/5	4.0	1.599742	8.0	595916.0	0.399936	Y
4	ICIS 460-969996/11	10.0	4.175374	8.0	556298.0	0.417537	Y
5	STD16 460-969996/4	16.0	6.737347	8.0	574137.0	0.421084	Y
6	STD24 460-969996/3	24.0	10.67071	8.0	570521.0	0.444613	Y



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Calibration / 2-Fluorobiphenyl

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

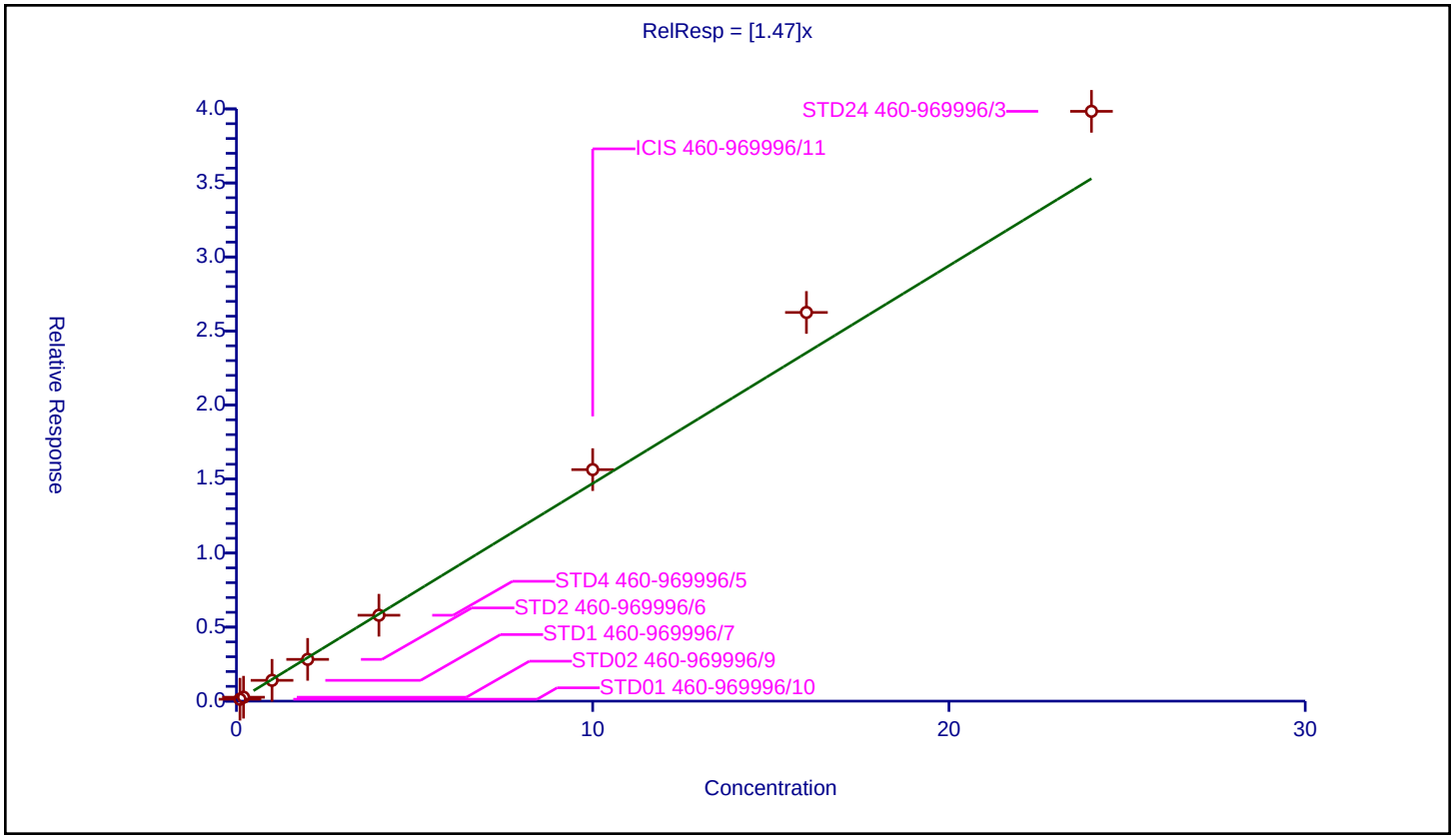
Curve Coefficients

Intercept:	0
Slope:	1.47

Error Coefficients

Relative Standard Deviation:	9.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-969996/10	0.1	0.130736	8.0	640191.0	1.30736	Y
2	STD02 460-969996/9	0.2	0.264829	8.0	584589.0	1.324144	Y
3	STD1 460-969996/7	1.0	1.406419	8.0	604480.0	1.406419	Y
4	STD2 460-969996/6	2.0	2.821846	8.0	575144.0	1.410923	Y
5	STD4 460-969996/5	4.0	5.80173	8.0	595916.0	1.450433	Y
6	ICIS 460-969996/11	10.0	15.636468	8.0	556298.0	1.563647	Y
7	STD16 460-969996/4	16.0	26.251128	8.0	574137.0	1.640696	Y
8	STD24 460-969996/3	24.0	39.834986	8.0	570521.0	1.659791	Y



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Calibration / 1,1'-Biphenyl

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

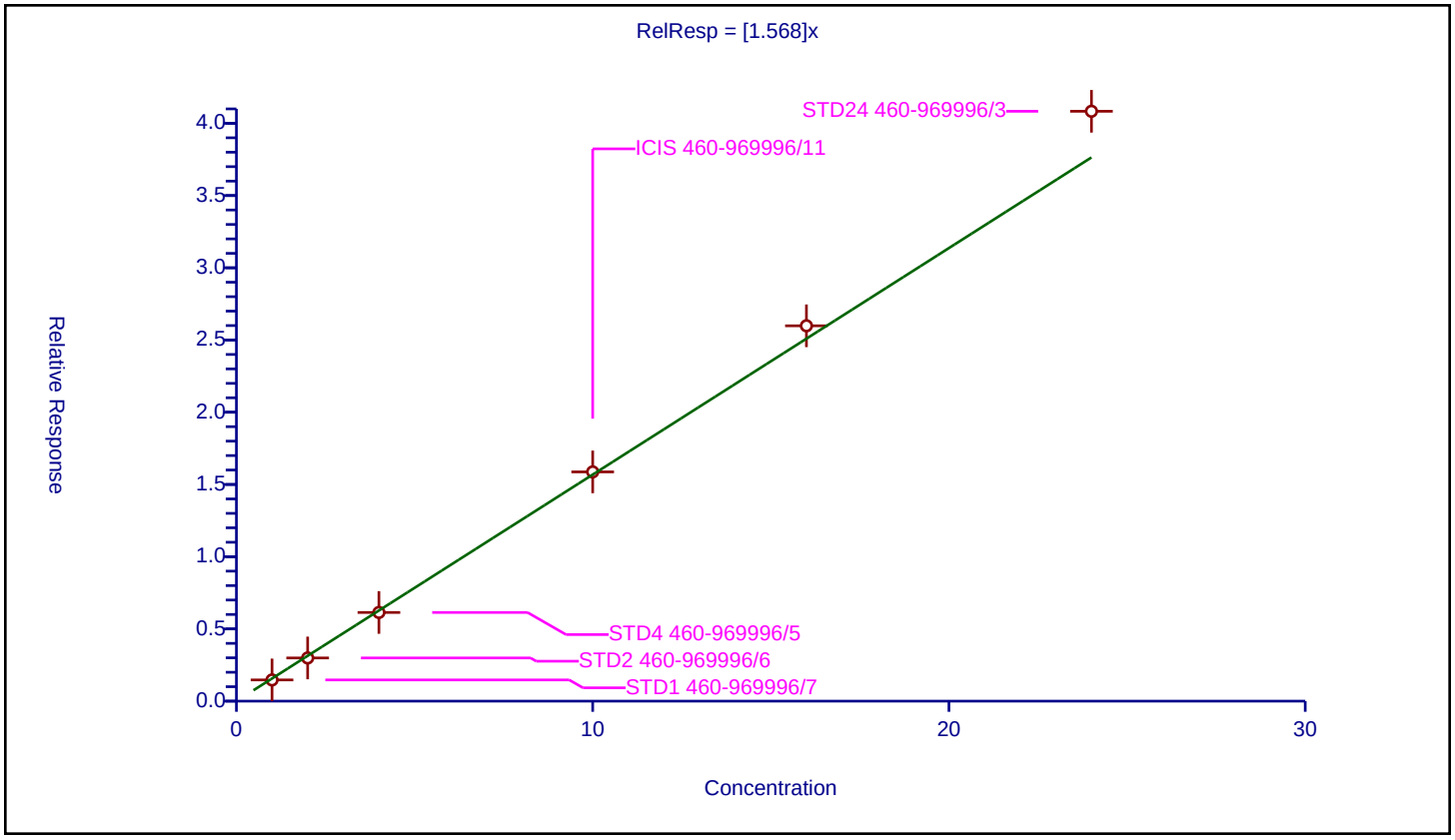
Curve Coefficients

Intercept:	0
Slope:	1.568

Error Coefficients

Relative Standard Deviation:	5.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969996/7	1.0	1.467933	8.0	604480.0	1.467933	Y
2	STD2 460-969996/6	2.0	2.989151	8.0	575144.0	1.494575	Y
3	STD4 460-969996/5	4.0	6.138087	8.0	595916.0	1.534522	Y
4	ICIS 460-969996/11	10.0	15.871508	8.0	556298.0	1.587151	Y
5	STD16 460-969996/4	16.0	25.98407	8.0	574137.0	1.624004	Y
6	STD24 460-969996/3	24.0	40.834844	8.0	570521.0	1.701452	Y



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Calibration / 2-Chloronaphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

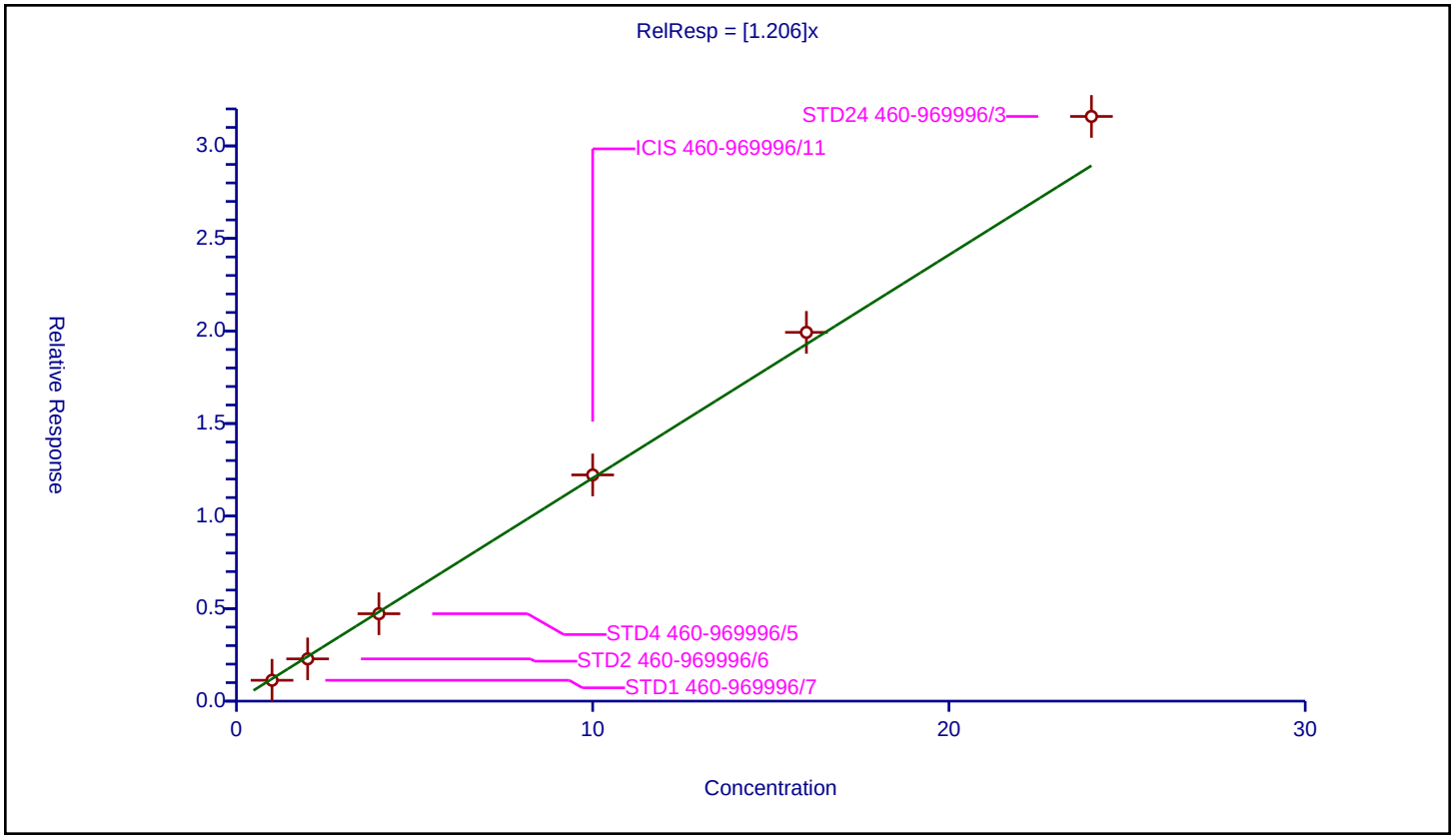
Curve Coefficients

Intercept:	0
Slope:	1.206

Error Coefficients

Relative Standard Deviation:	5.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969996/7	1.0	1.127541	8.0	604480.0	1.127541	Y
2	STD2 460-969996/6	2.0	2.282865	8.0	575144.0	1.141432	Y
3	STD4 460-969996/5	4.0	4.721806	8.0	595916.0	1.180452	Y
4	ICIS 460-969996/11	10.0	12.222356	8.0	556298.0	1.222236	Y
5	STD16 460-969996/4	16.0	19.92677	8.0	574137.0	1.245423	Y
6	STD24 460-969996/3	24.0	31.592541	8.0	570521.0	1.316356	Y



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Calibration / Phenyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

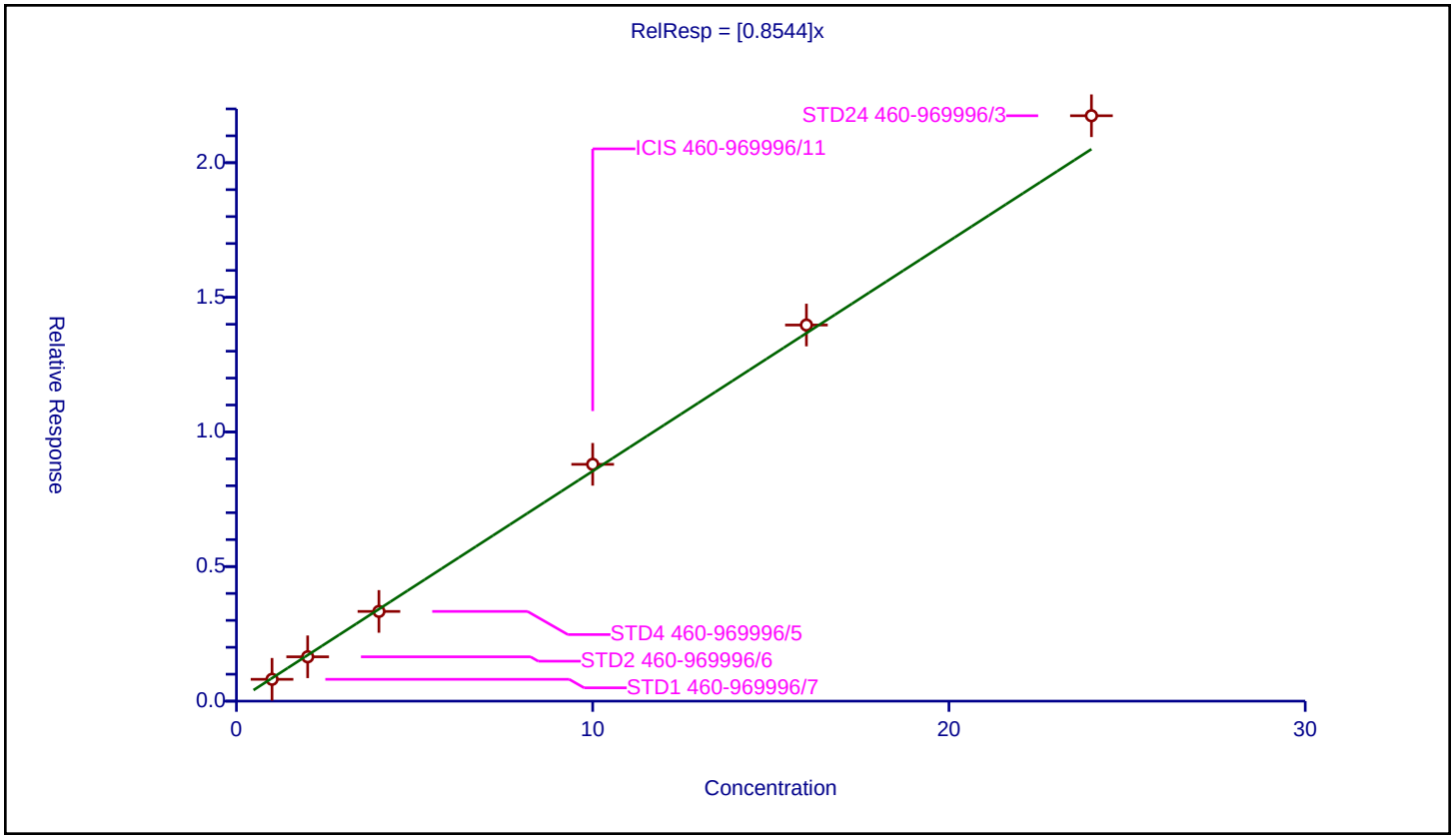
Curve Coefficients

Intercept:	0
Slope:	0.8544

Error Coefficients

Relative Standard Deviation:	4.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969996/7	1.0	0.811064	8.0	604480.0	0.811064	Y
2	STD2 460-969996/6	2.0	1.646349	8.0	575144.0	0.823175	Y
3	STD4 460-969996/5	4.0	3.332282	8.0	595916.0	0.83307	Y
4	ICIS 460-969996/11	10.0	8.79704	8.0	556298.0	0.879704	Y
5	STD16 460-969996/4	16.0	13.971787	8.0	574137.0	0.873237	Y
6	STD24 460-969996/3	24.0	21.746116	8.0	570521.0	0.906088	Y



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Calibration / 2-Nitroaniline

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

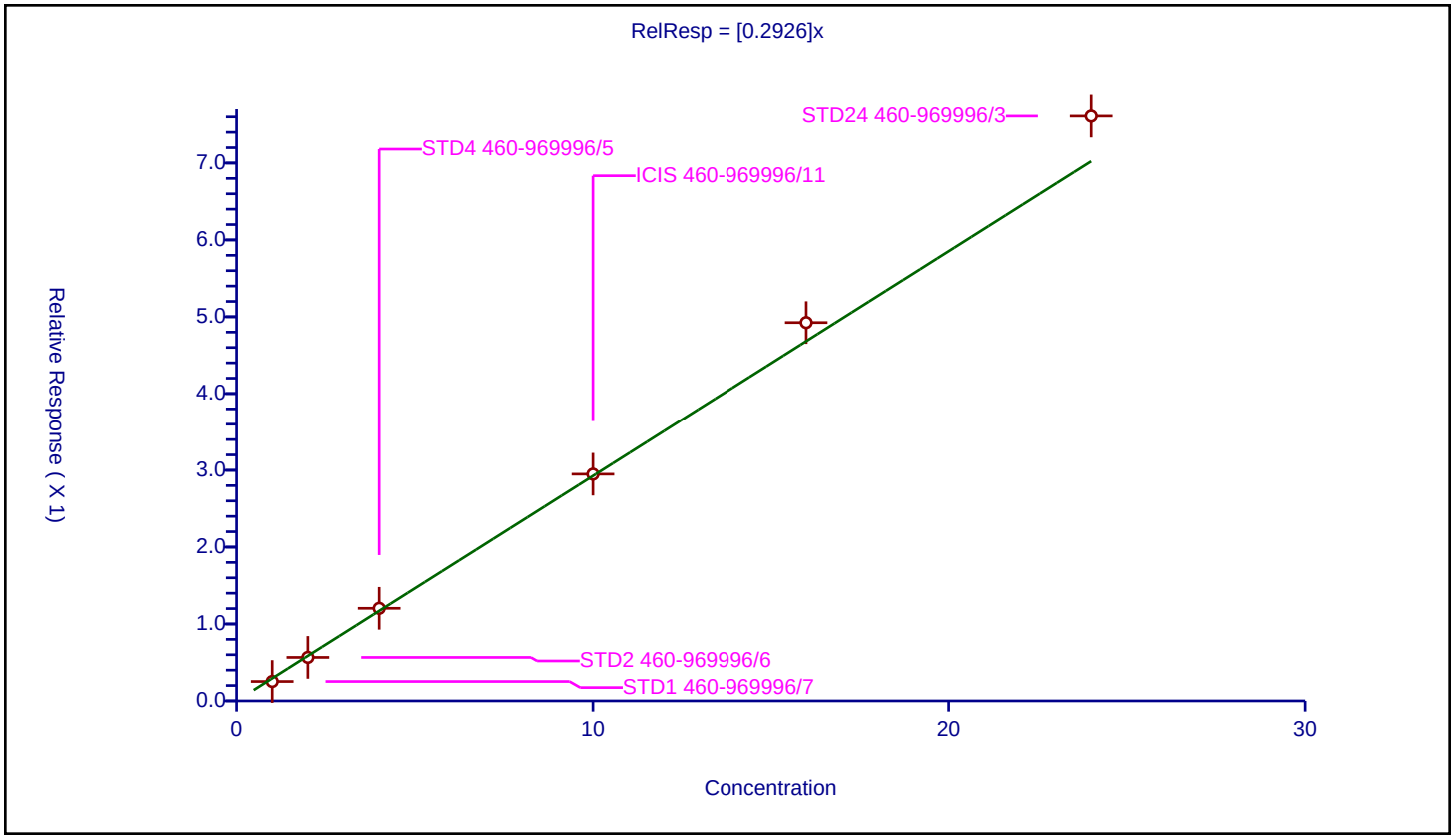
Curve Coefficients

Intercept:	0
Slope:	0.2926

Error Coefficients

Relative Standard Deviation:	7.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969996/7	1.0	0.252329	8.0	604480.0	0.252329	Y
2	STD2 460-969996/6	2.0	0.565424	8.0	575144.0	0.282712	Y
3	STD4 460-969996/5	4.0	1.203727	8.0	595916.0	0.300932	Y
4	ICIS 460-969996/11	10.0	2.949225	8.0	556298.0	0.294923	Y
5	STD16 460-969996/4	16.0	4.924636	8.0	574137.0	0.30779	Y
6	STD24 460-969996/3	24.0	7.610742	8.0	570521.0	0.317114	Y



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Calibration / 1,3-Dimethylnaphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

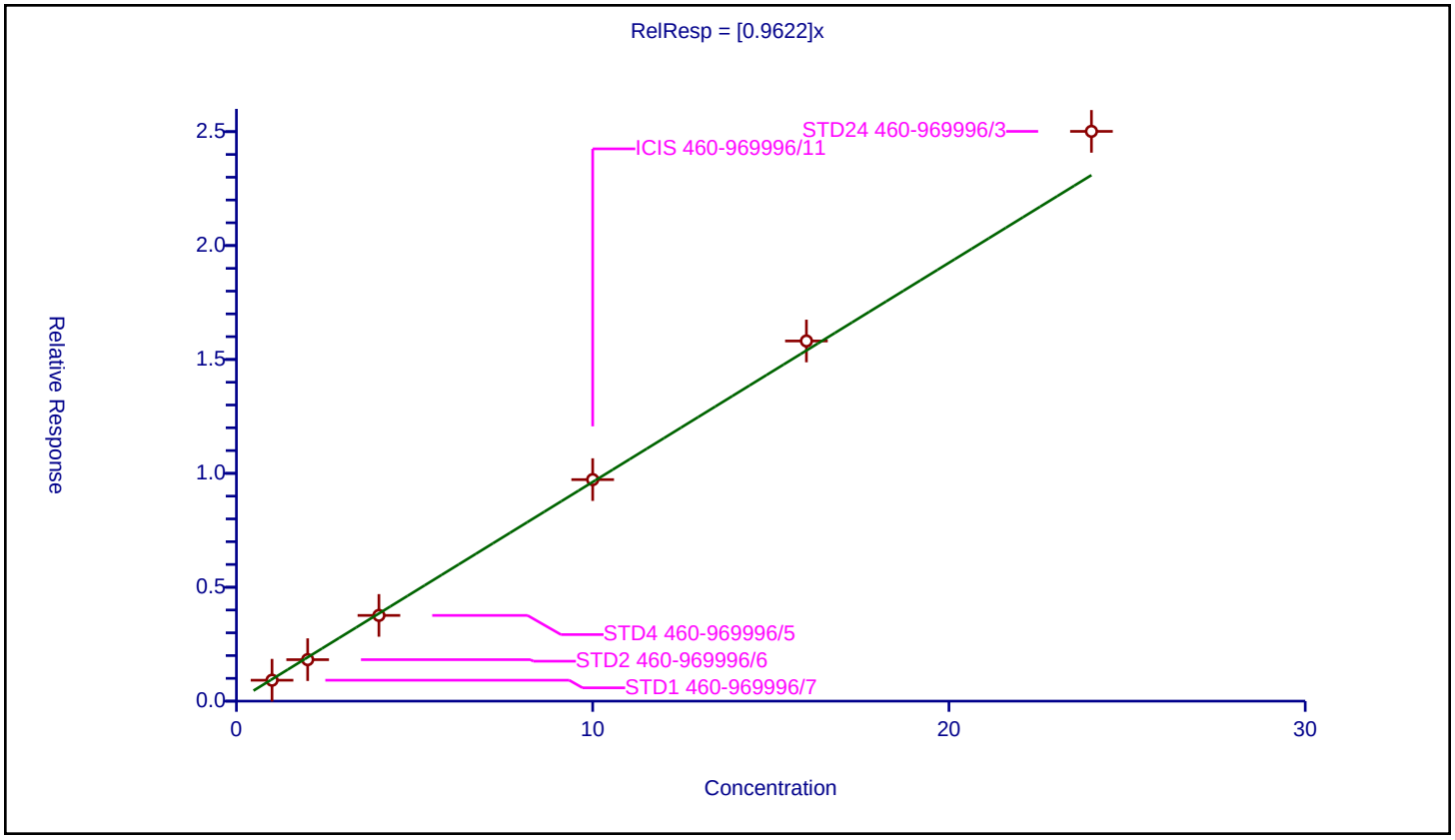
Curve Coefficients

Intercept:	0
Slope:	0.9622

Error Coefficients

Relative Standard Deviation:	5.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969996/7	1.0	0.918568	8.0	604480.0	0.918568	Y
2	STD2 460-969996/6	2.0	1.821415	8.0	575144.0	0.910708	Y
3	STD4 460-969996/5	4.0	3.763	8.0	595916.0	0.94075	Y
4	ICIS 460-969996/11	10.0	9.725262	8.0	556298.0	0.972526	Y
5	STD16 460-969996/4	16.0	15.811613	8.0	574137.0	0.988226	Y
6	STD24 460-969996/3	24.0	25.013502	8.0	570521.0	1.042229	Y



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Calibration / Coumarin

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

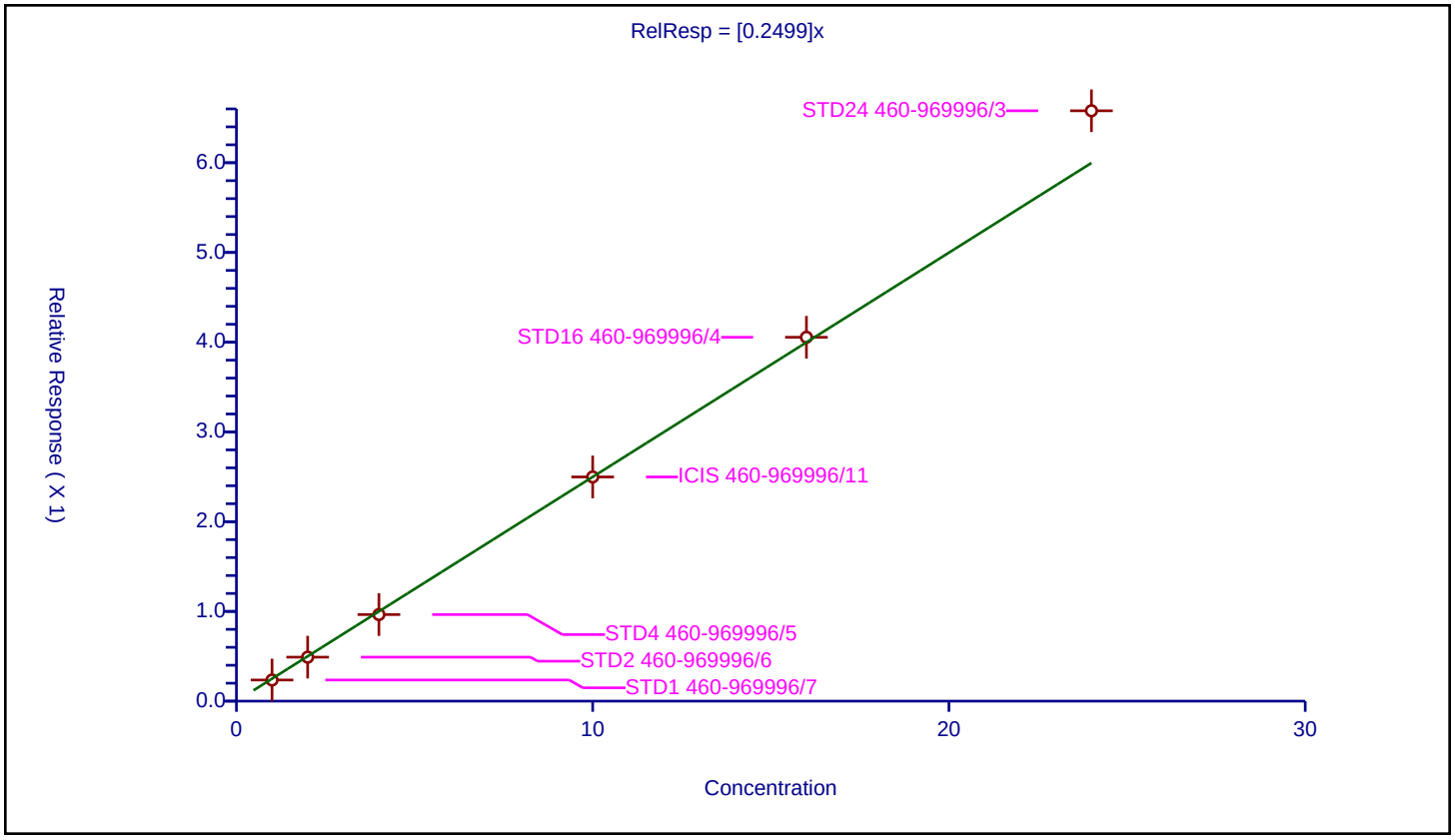
Curve Coefficients

Intercept:	0
Slope:	0.2499

Error Coefficients

Relative Standard Deviation:	5.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969996/7	1.0	0.235611	8.0	1050003.0	0.235611	Y
2	STD2 460-969996/6	2.0	0.490263	8.0	1004326.0	0.245132	Y
3	STD4 460-969996/5	4.0	0.964854	8.0	1052595.0	0.241213	Y
4	ICIS 460-969996/11	10.0	2.498522	8.0	1020962.0	0.249852	Y
5	STD16 460-969996/4	16.0	4.055091	8.0	1058969.0	0.253443	Y
6	STD24 460-969996/3	24.0	6.579012	8.0	1032831.0	0.274126	Y



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Calibration / Dimethyl phthalate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

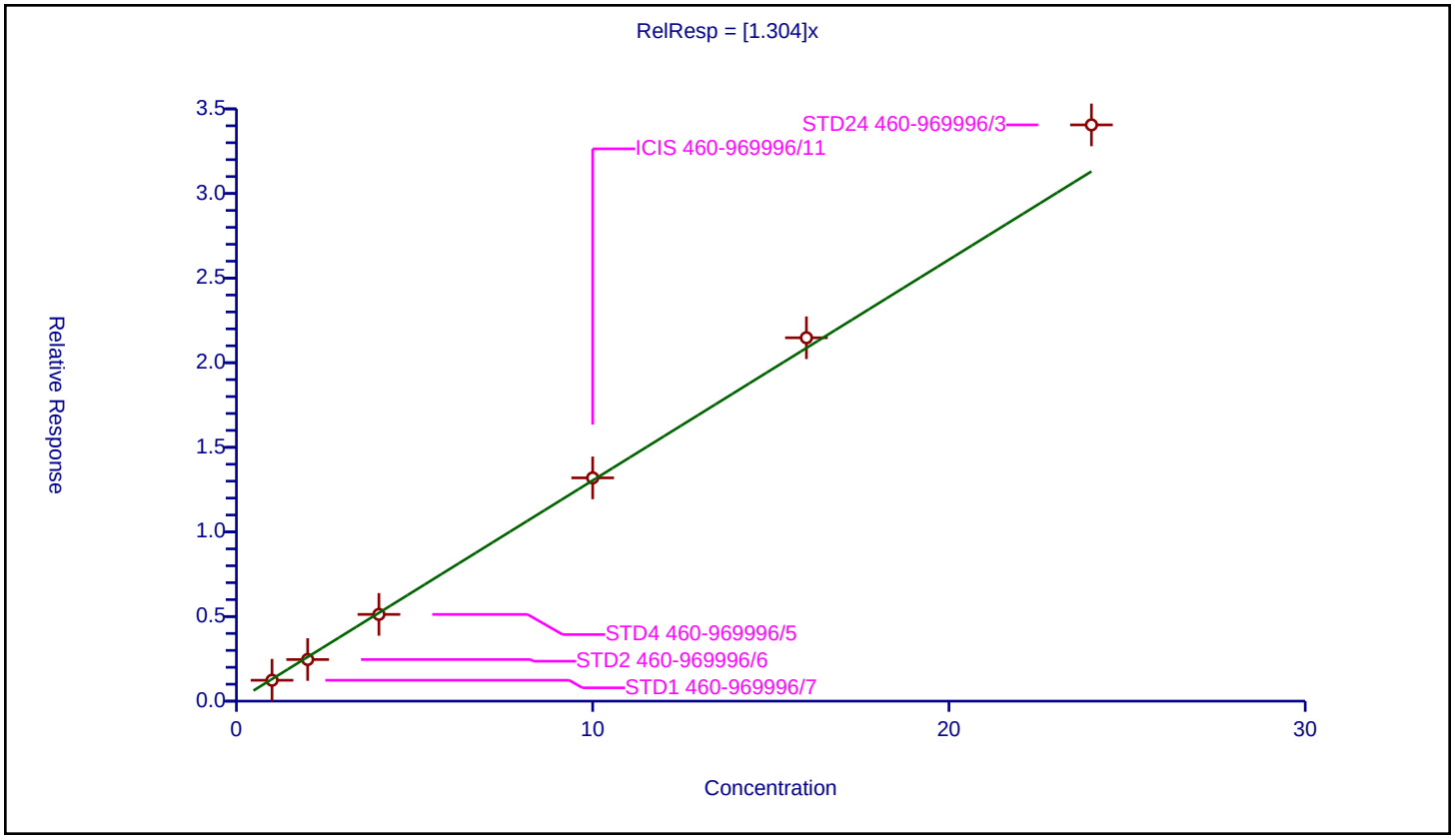
Curve Coefficients

Intercept:	0
Slope:	1.304

Error Coefficients

Relative Standard Deviation:	5.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969996/7	1.0	1.234158	8.0	604480.0	1.234158	Y
2	STD2 460-969996/6	2.0	2.459934	8.0	575144.0	1.229967	Y
3	STD4 460-969996/5	4.0	5.125944	8.0	595916.0	1.281486	Y
4	ICIS 460-969996/11	10.0	13.194209	8.0	556298.0	1.319421	Y
5	STD16 460-969996/4	16.0	21.475348	8.0	574137.0	1.342209	Y
6	STD24 460-969996/3	24.0	34.054725	8.0	570521.0	1.418947	Y



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Calibration / 2,6-Dinitrotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

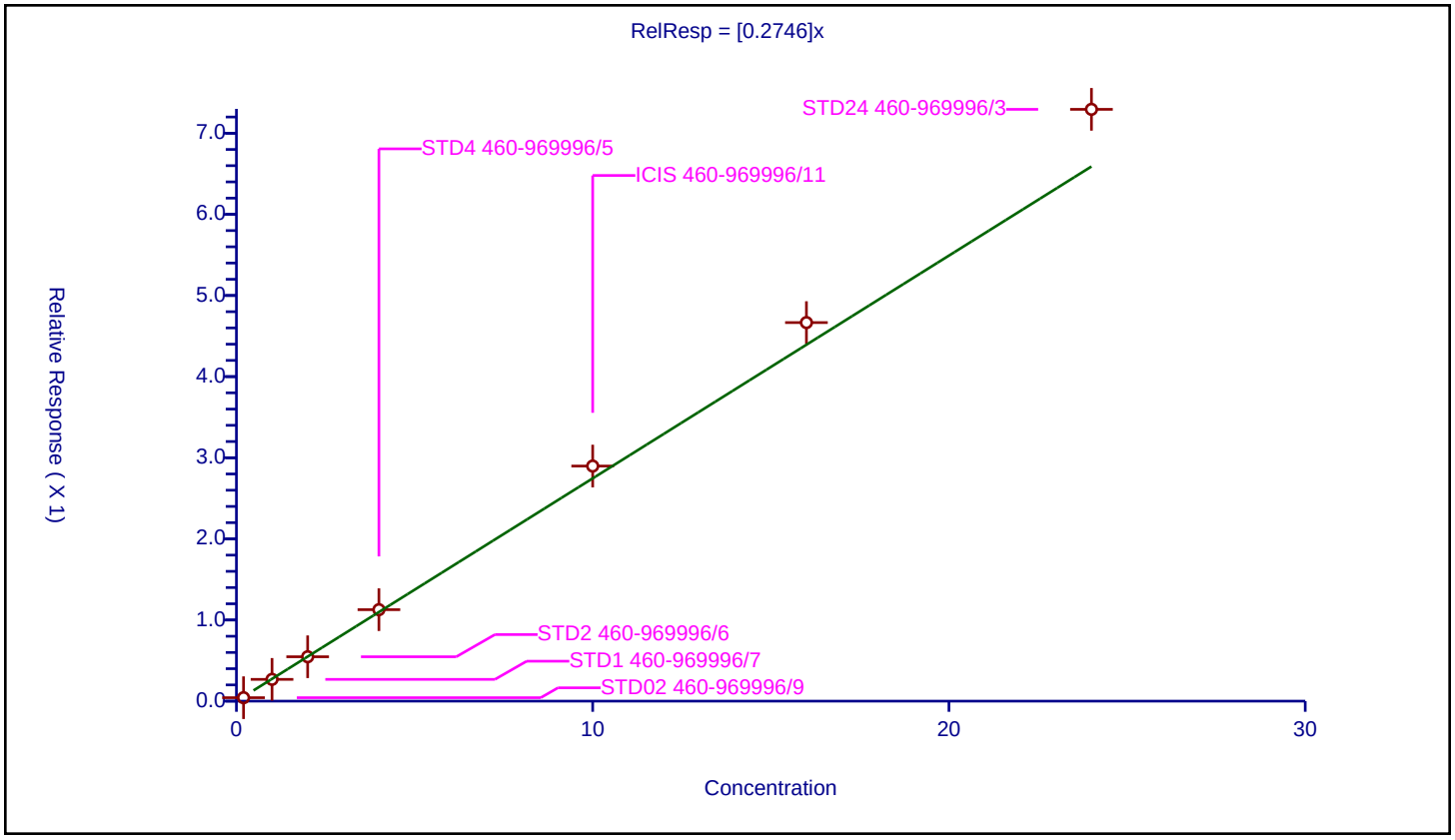
Curve Coefficients

Intercept:	0
Slope:	0.2746

Error Coefficients

Relative Standard Deviation:	10.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-969996/9	0.2	0.042587	8.0	584589.0	0.212936	Y
2	STD1 460-969996/7	1.0	0.268396	8.0	604480.0	0.268396	Y
3	STD2 460-969996/6	2.0	0.547188	8.0	575144.0	0.273594	Y
4	STD4 460-969996/5	4.0	1.127354	8.0	595916.0	0.281838	Y
5	ICIS 460-969996/11	10.0	2.897584	8.0	556298.0	0.289758	Y
6	STD16 460-969996/4	16.0	4.66605	8.0	574137.0	0.291628	Y
7	STD24 460-969996/3	24.0	7.294385	8.0	570521.0	0.303933	Y



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Calibration / Acenaphthylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

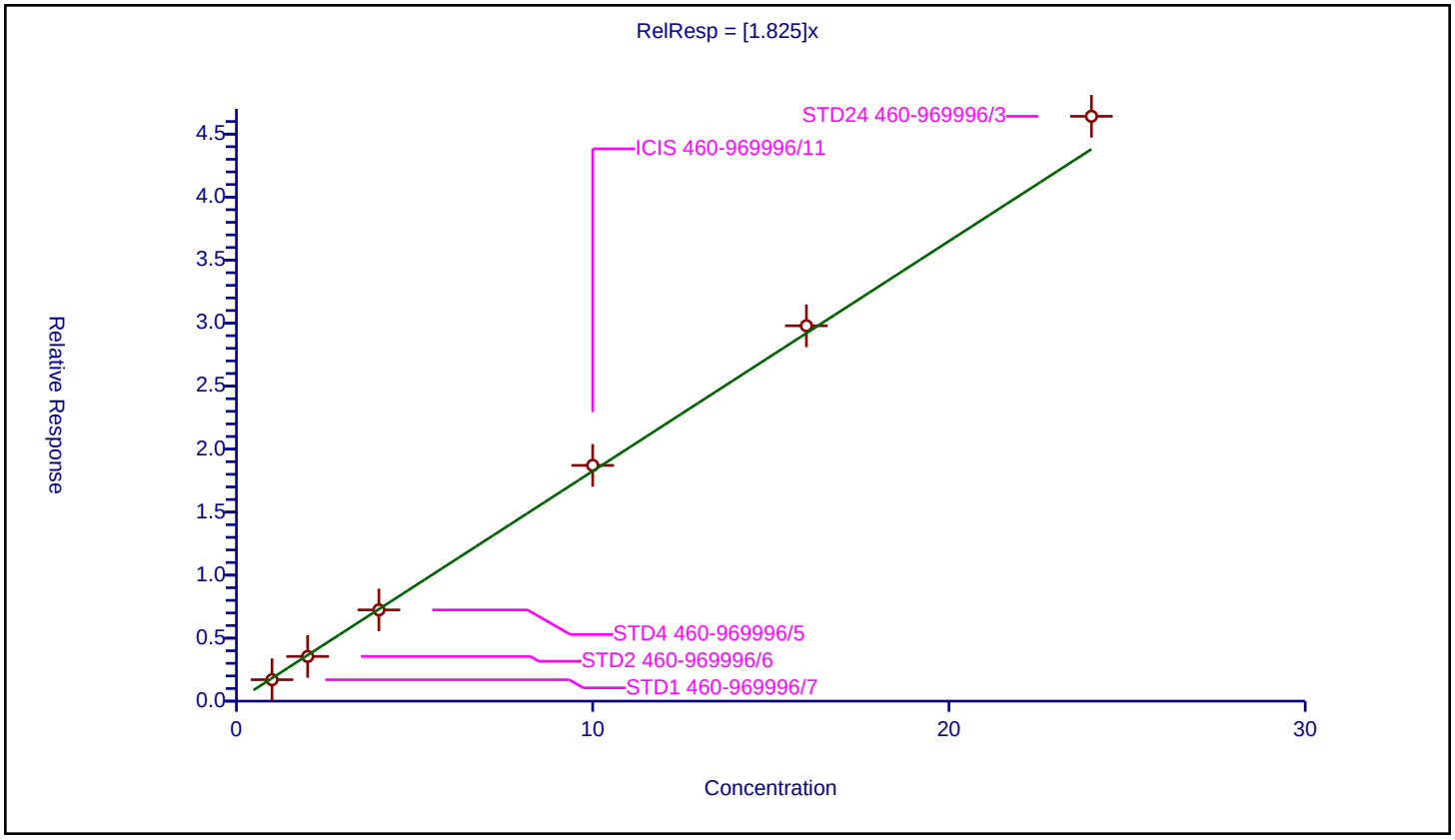
Curve Coefficients

Intercept:	0
Slope:	1.825

Error Coefficients

Relative Standard Deviation:	4.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969996/7	1.0	1.699934	8.0	604480.0	1.699934	Y
2	STD2 460-969996/6	2.0	3.54787	8.0	575144.0	1.773935	Y
3	STD4 460-969996/5	4.0	7.240161	8.0	595916.0	1.81004	Y
4	ICIS 460-969996/11	10.0	18.711482	8.0	556298.0	1.871148	Y
5	STD16 460-969996/4	16.0	29.788834	8.0	574137.0	1.861802	Y
6	STD24 460-969996/3	24.0	46.412525	8.0	570521.0	1.933855	Y



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Calibration / 3-Nitroaniline

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

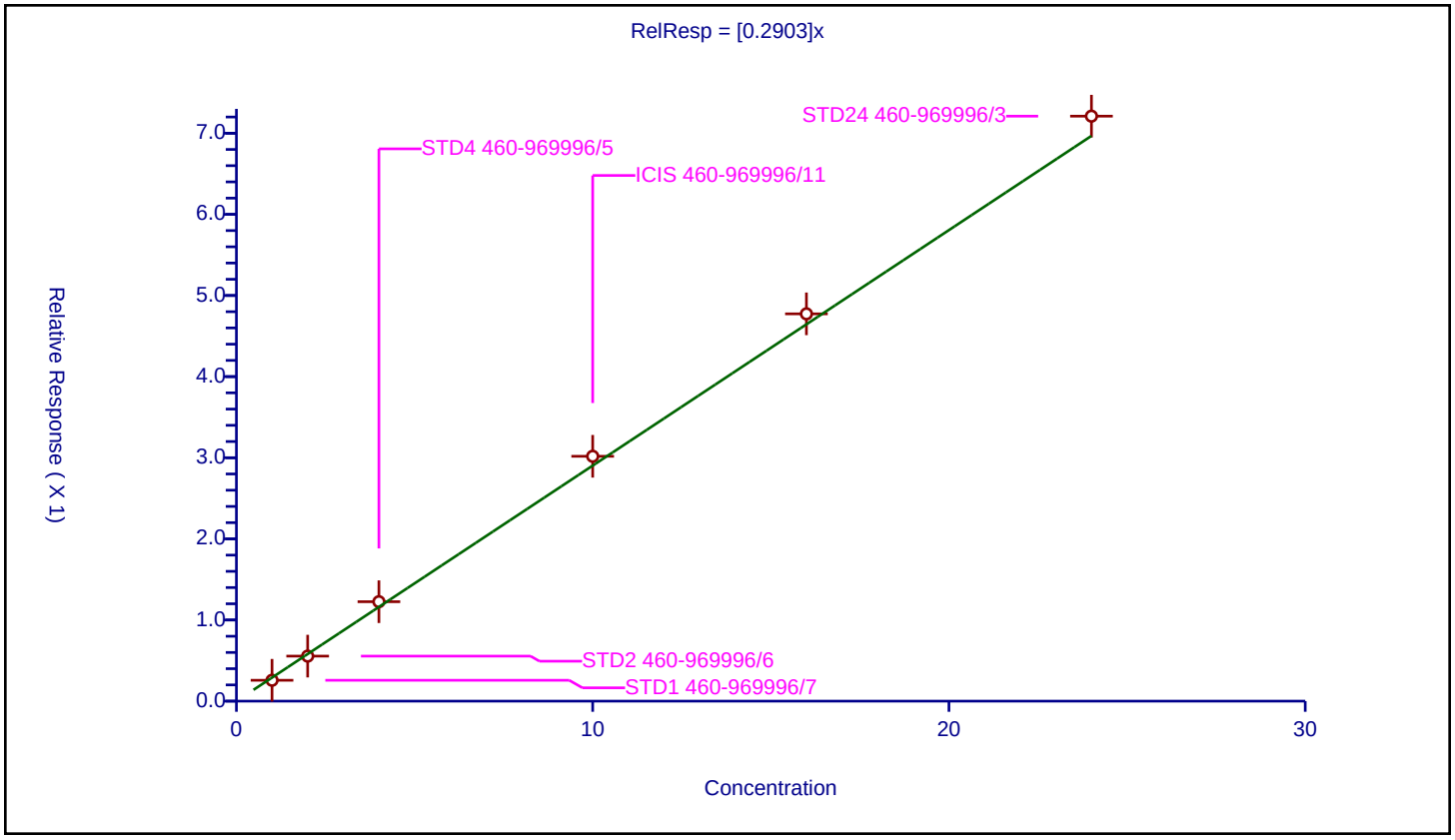
Curve Coefficients

Intercept:	0
Slope:	0.2903

Error Coefficients

Relative Standard Deviation:	6.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969996/7	1.0	0.257253	8.0	604480.0	0.257253	Y
2	STD2 460-969996/6	2.0	0.555061	8.0	575144.0	0.27753	Y
3	STD4 460-969996/5	4.0	1.225596	8.0	595916.0	0.306399	Y
4	ICIS 460-969996/11	10.0	3.017994	8.0	556298.0	0.301799	Y
5	STD16 460-969996/4	16.0	4.773774	8.0	574137.0	0.298361	Y
6	STD24 460-969996/3	24.0	7.210476	8.0	570521.0	0.300437	Y



Calibration / Acenaphthene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

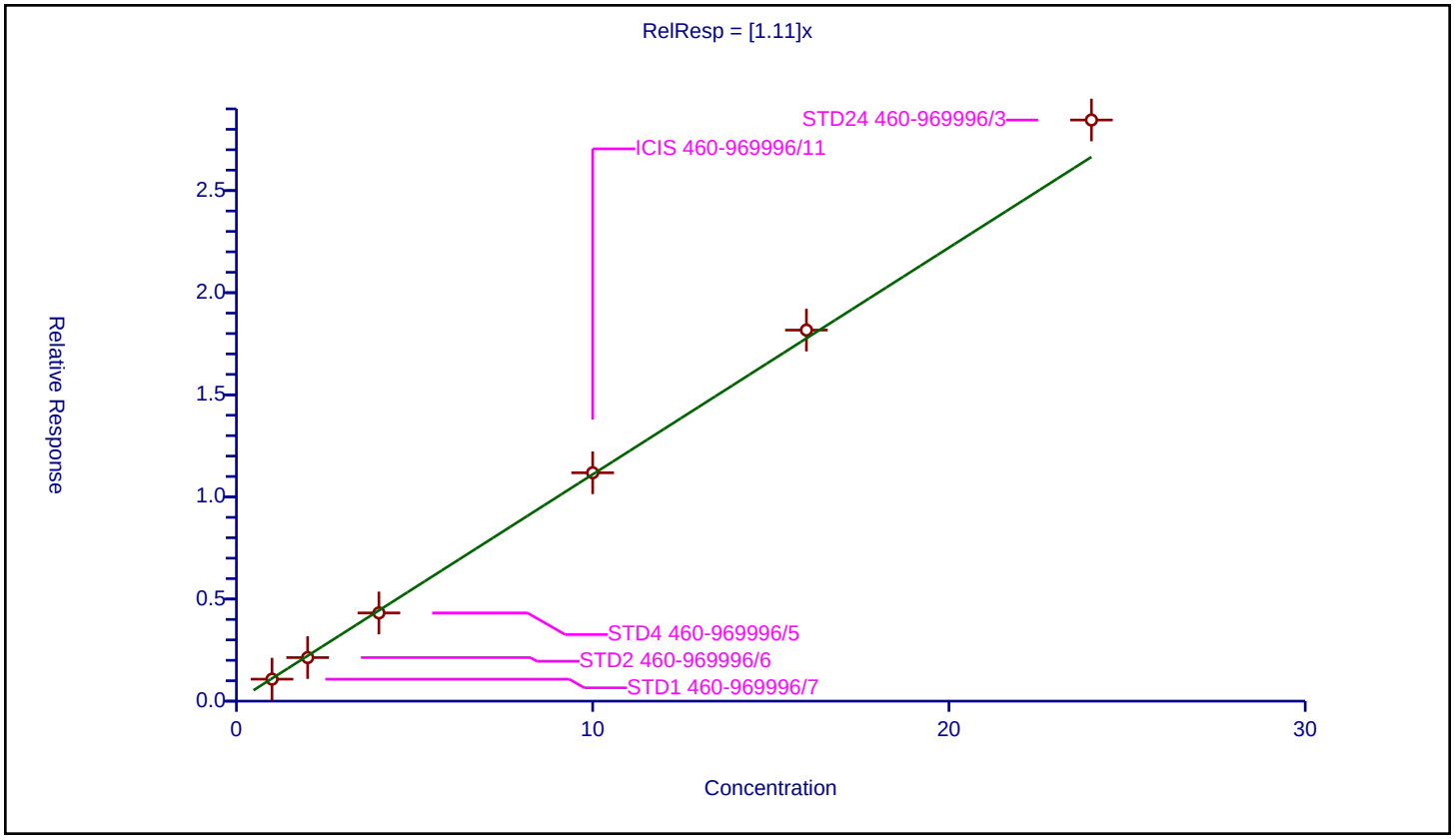
Curve Coefficients

Intercept:	0
Slope:	1.11

Error Coefficients

Relative Standard Deviation:	4.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969996/7	1.0	1.076085	8.0	604480.0	1.076085	Y
2	STD2 460-969996/6	2.0	2.132711	8.0	575144.0	1.066356	Y
3	STD4 460-969996/5	4.0	4.319575	8.0	595916.0	1.079894	Y
4	ICIS 460-969996/11	10.0	11.182927	8.0	556298.0	1.118293	Y
5	STD16 460-969996/4	16.0	18.169294	8.0	574137.0	1.135581	Y
6	STD24 460-969996/3	24.0	28.455338	8.0	570521.0	1.185639	Y



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Calibration / 3,5-di-tert-butyl-4-hydroxytol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

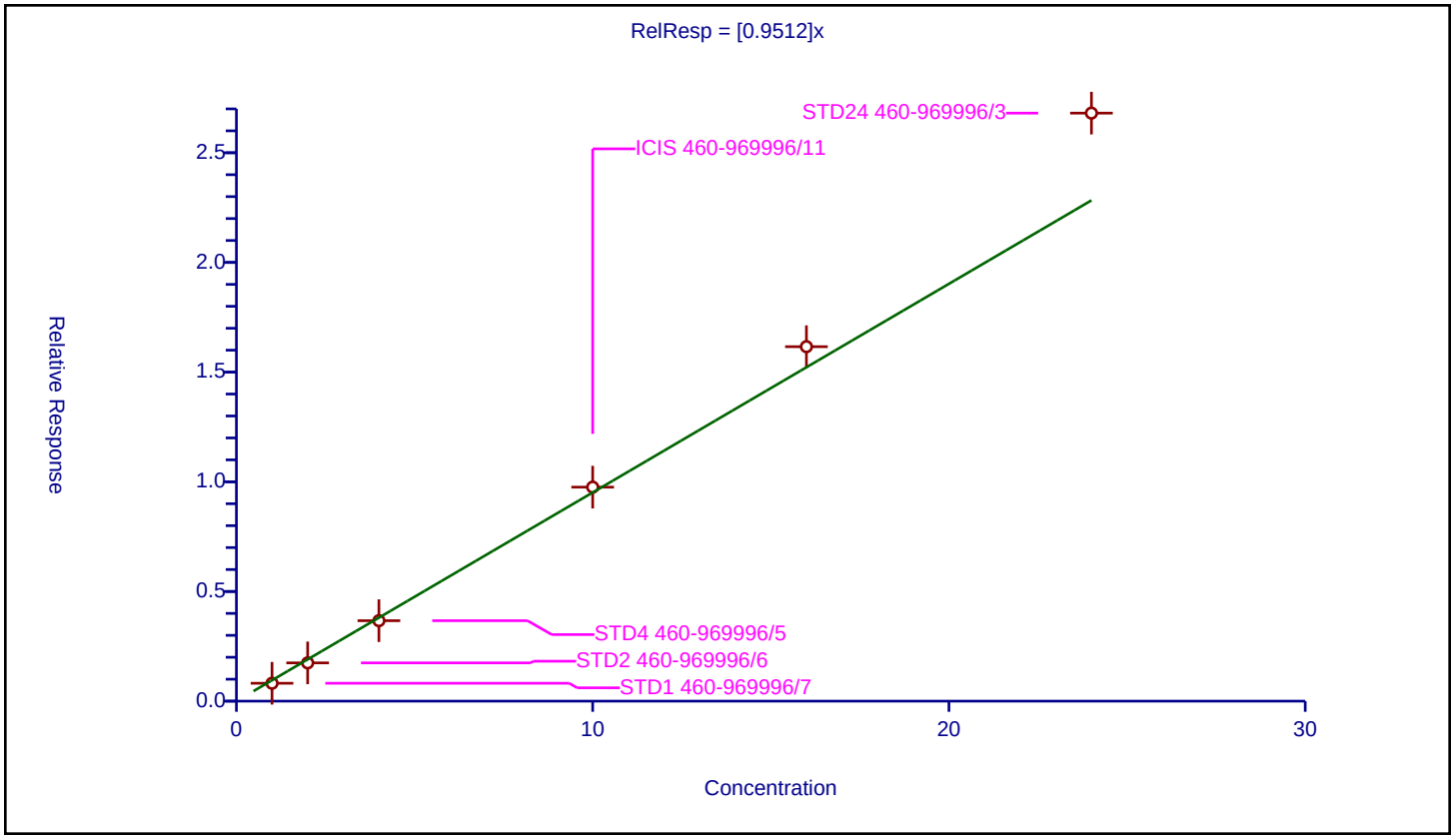
Curve Coefficients

Intercept:	0
Slope:	0.9512

Error Coefficients

Relative Standard Deviation:	11.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969996/7	1.0	0.81563	8.0	604480.0	0.81563	Y
2	STD2 460-969996/6	2.0	1.744801	8.0	575144.0	0.872401	Y
3	STD4 460-969996/5	4.0	3.667806	8.0	595916.0	0.916951	Y
4	ICIS 460-969996/11	10.0	9.75552	8.0	556298.0	0.975552	Y
5	STD16 460-969996/4	16.0	16.159154	8.0	574137.0	1.009947	Y
6	STD24 460-969996/3	24.0	26.807118	8.0	570521.0	1.116963	Y



Calibration / 2,4-Dinitrophenol

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

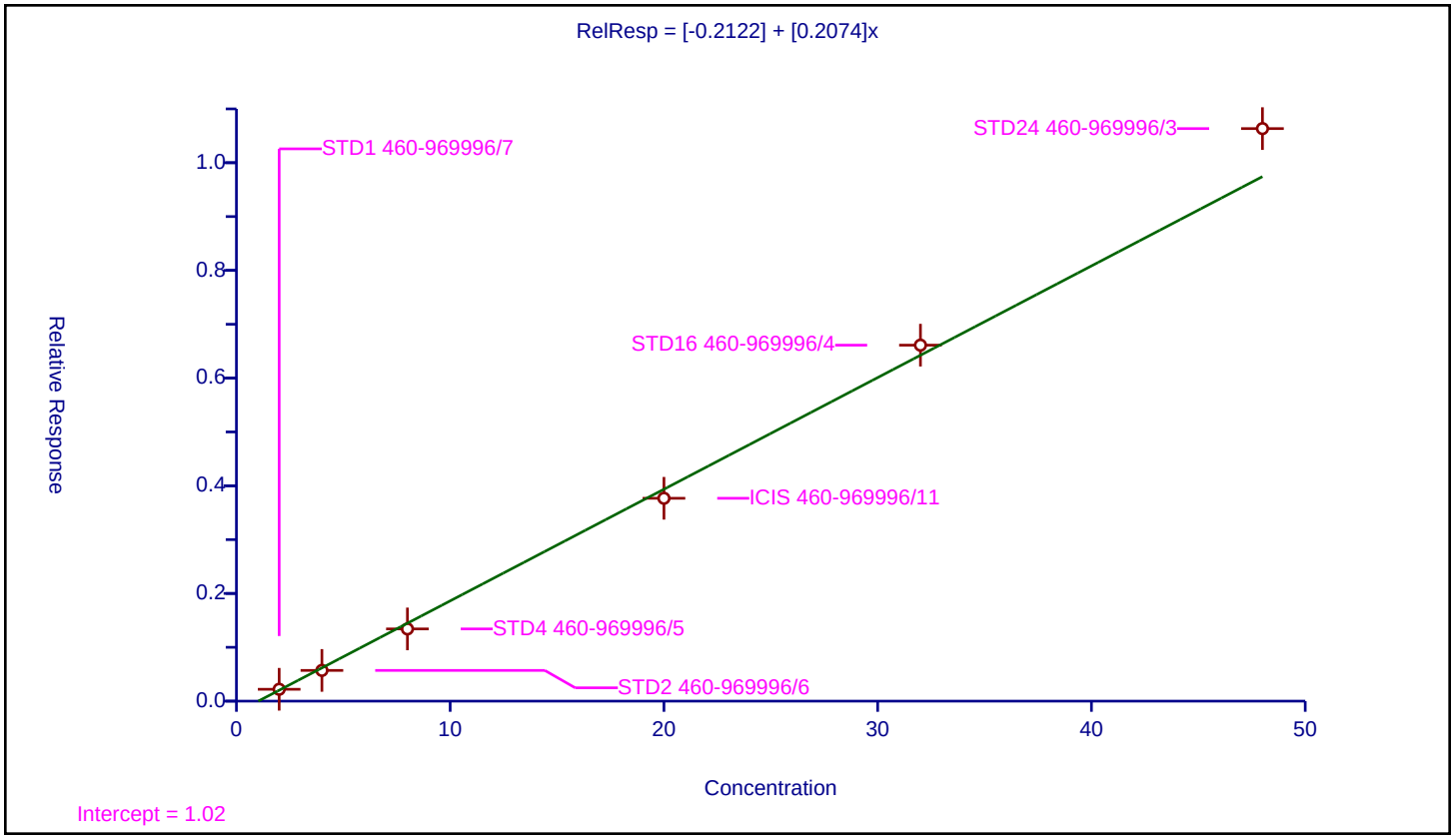
Curve Coefficients

Intercept:	-0.2122
Slope:	0.2074

Error Coefficients

Relative Standard Deviation:	7.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969996/7	2.0	0.220236	8.0	604480.0	0.110118	Y
2	STD2 460-969996/6	4.0	0.570793	8.0	575144.0	0.142698	Y
3	STD4 460-969996/5	8.0	1.341088	8.0	595916.0	0.167636	Y
4	ICIS 460-969996/11	20.0	3.76788	8.0	556298.0	0.188394	Y
5	STD16 460-969996/4	32.0	6.611788	8.0	574137.0	0.206618	Y
6	STD24 460-969996/3	48.0	10.634098	8.0	570521.0	0.221544	Y



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Calibration / 4-Nitrophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

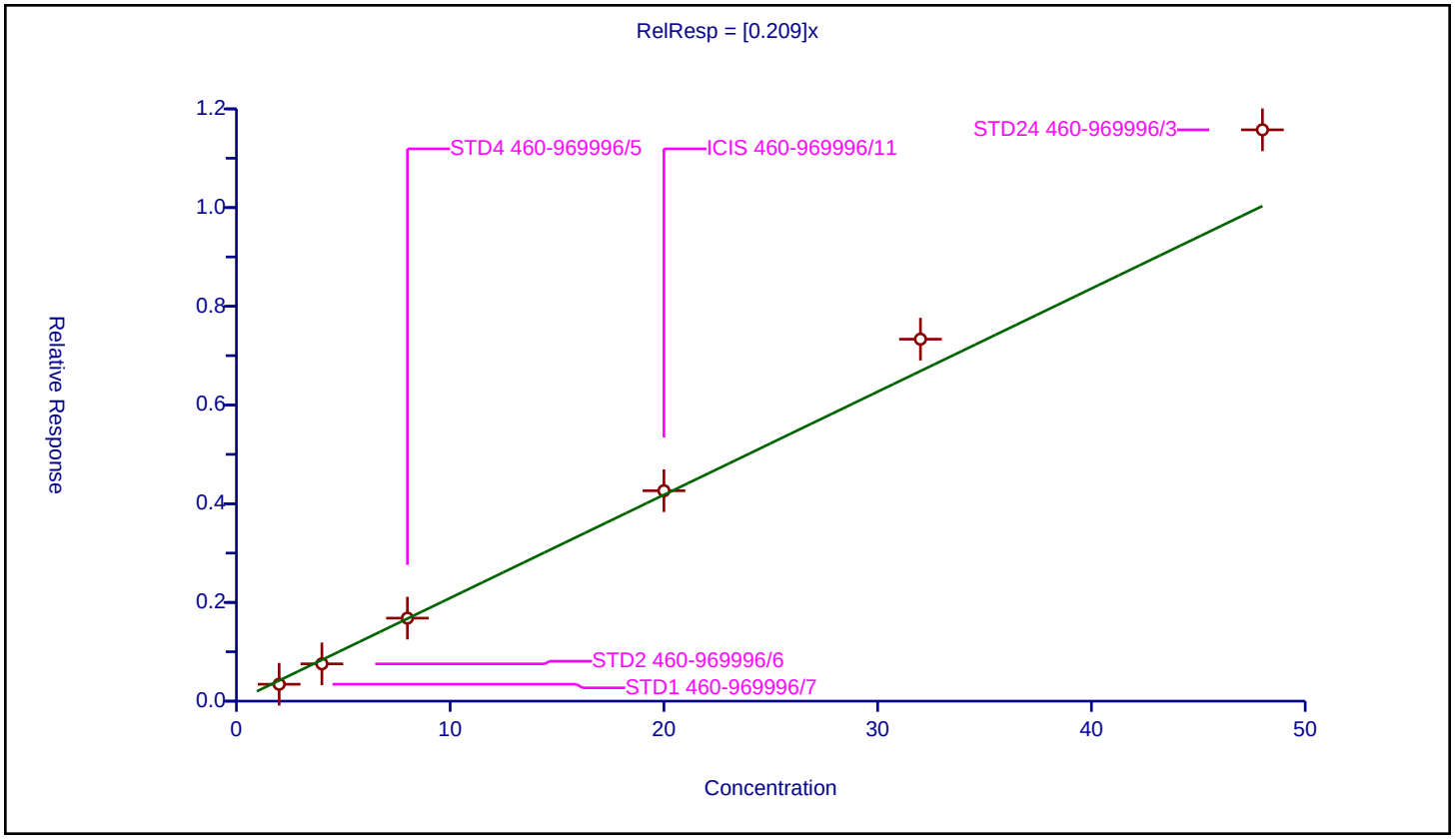
Curve Coefficients

Intercept:	0
Slope:	0.209

Error Coefficients

Relative Standard Deviation:	12.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969996/7	2.0	0.342403	8.0	604480.0	0.171202	Y
2	STD2 460-969996/6	4.0	0.756026	8.0	575144.0	0.189007	Y
3	STD4 460-969996/5	8.0	1.681888	8.0	595916.0	0.210236	Y
4	ICIS 460-969996/11	20.0	4.263571	8.0	556298.0	0.213179	Y
5	STD16 460-969996/4	32.0	7.333943	8.0	574137.0	0.229186	Y
6	STD24 460-969996/3	48.0	11.576002	8.0	570521.0	0.241167	Y



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Calibration / Dibenzofuran

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

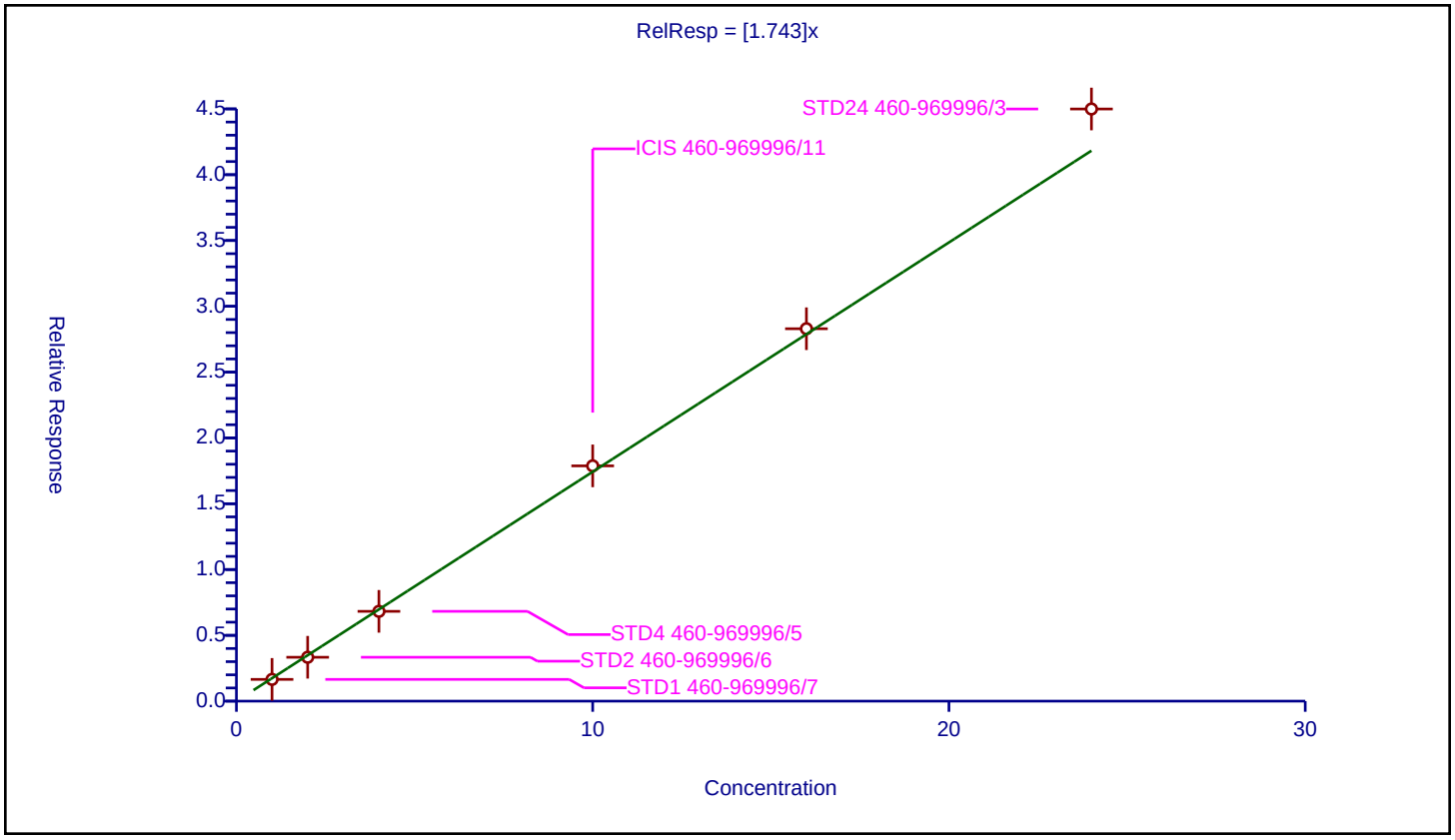
Curve Coefficients

Intercept:	0
Slope:	1.743

Error Coefficients

Relative Standard Deviation:	4.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969996/7	1.0	1.652237	8.0	604480.0	1.652237	Y
2	STD2 460-969996/6	2.0	3.333732	8.0	575144.0	1.666866	Y
3	STD4 460-969996/5	4.0	6.822478	8.0	595916.0	1.70562	Y
4	ICIS 460-969996/11	10.0	17.877109	8.0	556298.0	1.787711	Y
5	STD16 460-969996/4	16.0	28.29609	8.0	574137.0	1.768506	Y
6	STD24 460-969996/3	24.0	44.991914	8.0	570521.0	1.874663	Y



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Calibration / 2,4-Dinitrotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

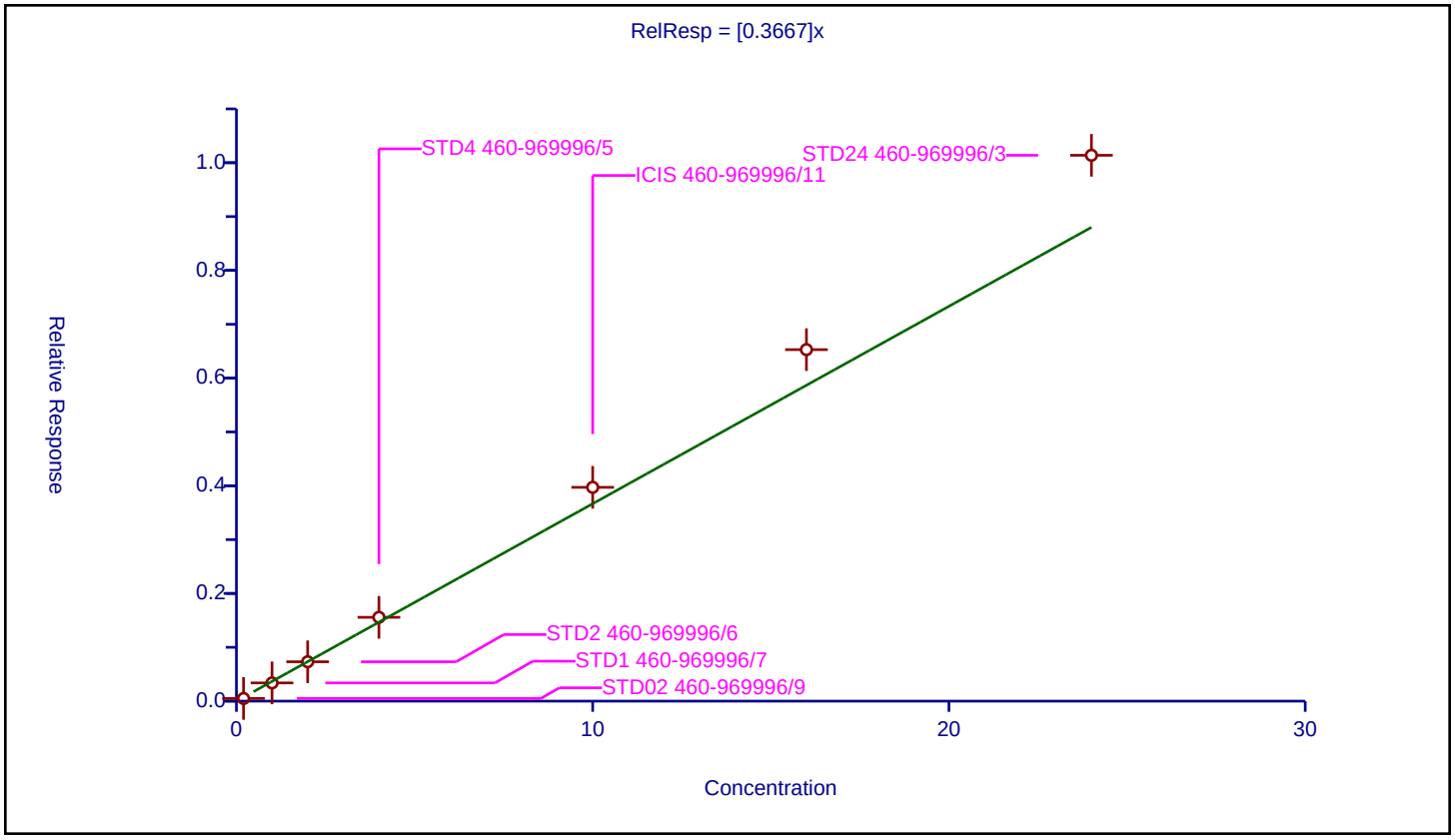
Curve Coefficients

Intercept:	0
Slope:	0.3667

Error Coefficients

Relative Standard Deviation:	16.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-969996/9	0.2	0.049156	8.0	584589.0	0.24578	Y
2	STD1 460-969996/7	1.0	0.338605	8.0	604480.0	0.338605	Y
3	STD2 460-969996/6	2.0	0.731184	8.0	575144.0	0.365592	Y
4	STD4 460-969996/5	4.0	1.556837	8.0	595916.0	0.389209	Y
5	ICIS 460-969996/11	10.0	3.971109	8.0	556298.0	0.397111	Y
6	STD16 460-969996/4	16.0	6.528727	8.0	574137.0	0.408045	Y
7	STD24 460-969996/3	24.0	10.138312	8.0	570521.0	0.42243	Y



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Calibration / 2,3,4,6-Tetrachlorophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

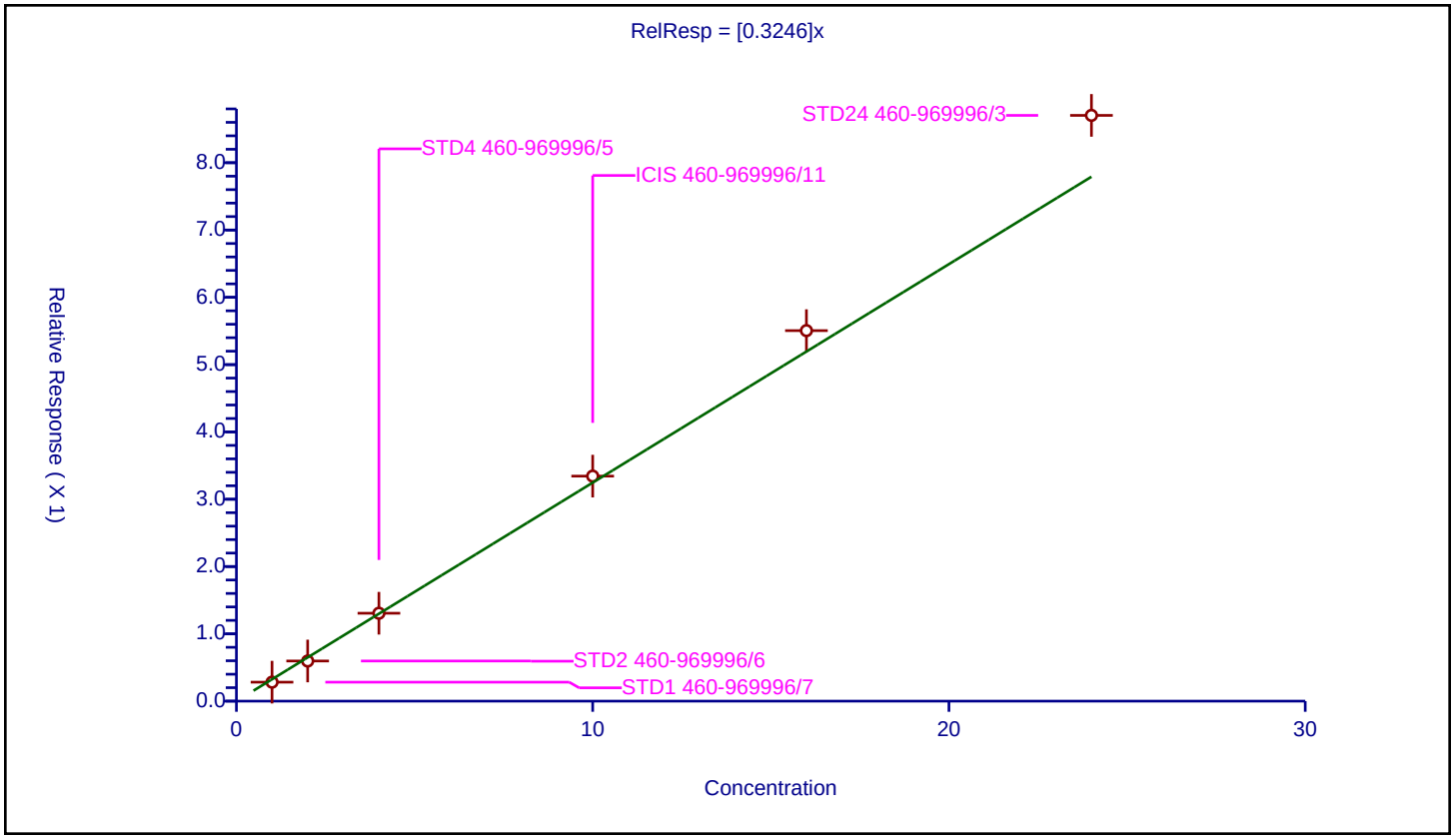
Curve Coefficients

Intercept:	0
Slope:	0.3246

Error Coefficients

Relative Standard Deviation:	9.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969996/7	1.0	0.28208	8.0	604480.0	0.28208	Y
2	STD2 460-969996/6	2.0	0.596386	8.0	575144.0	0.298193	Y
3	STD4 460-969996/5	4.0	1.306063	8.0	595916.0	0.326516	Y
4	ICIS 460-969996/11	10.0	3.343618	8.0	556298.0	0.334362	Y
5	STD16 460-969996/4	16.0	5.505264	8.0	574137.0	0.344079	Y
6	STD24 460-969996/3	24.0	8.703595	8.0	570521.0	0.36265	Y



Calibration / Diethyl phthalate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

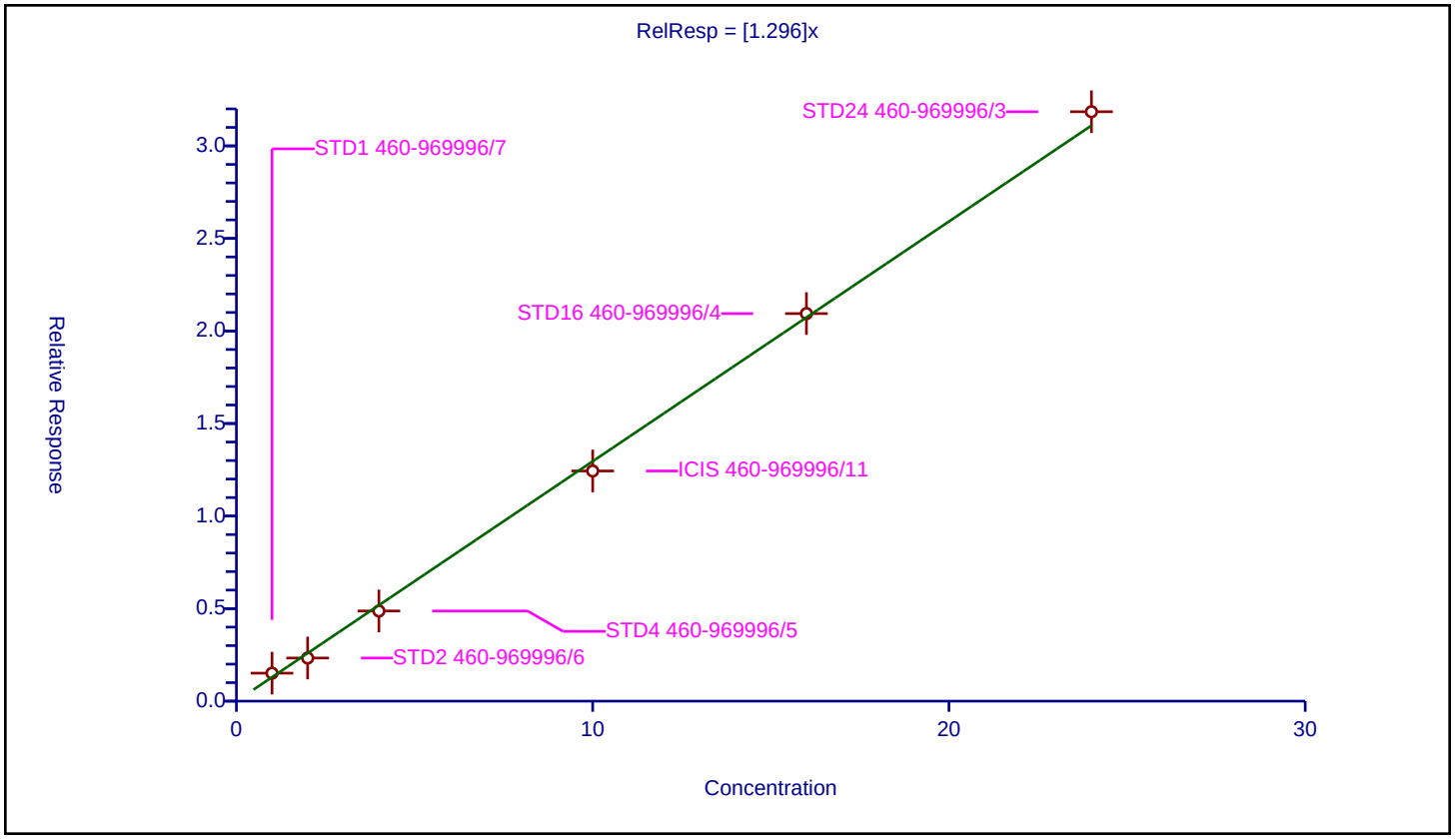
Curve Coefficients

Intercept:	0
Slope:	1.296

Error Coefficients

Relative Standard Deviation:	9.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969996/7	1.0	1.512163	8.0	604480.0	1.512163	Y
2	STD2 460-969996/6	2.0	2.330491	8.0	575144.0	1.165246	Y
3	STD4 460-969996/5	4.0	4.871989	8.0	595916.0	1.217997	Y
4	ICIS 460-969996/11	10.0	12.43637	8.0	556298.0	1.243637	Y
5	STD16 460-969996/4	16.0	20.940744	8.0	574137.0	1.308797	Y
6	STD24 460-969996/3	24.0	31.846709	8.0	570521.0	1.326946	Y



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Calibration / Fluorene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

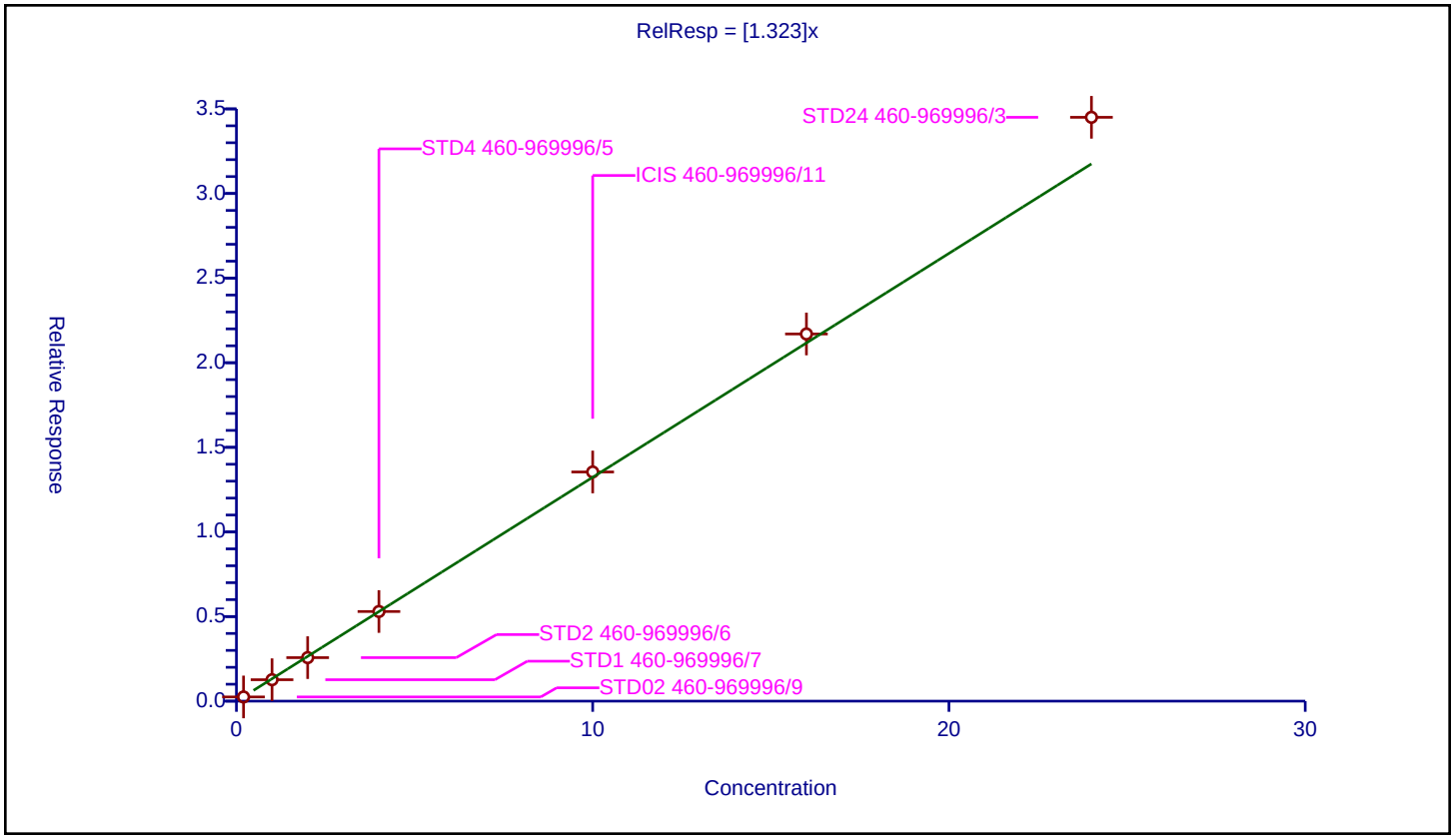
Curve Coefficients

Intercept:	0
Slope:	1.323

Error Coefficients

Relative Standard Deviation:	5.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-969996/9	0.2	0.247394	8.0	584589.0	1.236972	Y
2	STD1 460-969996/7	1.0	1.266159	8.0	604480.0	1.266159	Y
3	STD2 460-969996/6	2.0	2.570598	8.0	575144.0	1.285299	Y
4	STD4 460-969996/5	4.0	5.297847	8.0	595916.0	1.324462	Y
5	ICIS 460-969996/11	10.0	13.543259	8.0	556298.0	1.354326	Y
6	STD16 460-969996/4	16.0	21.698807	8.0	574137.0	1.356175	Y
7	STD24 460-969996/3	24.0	34.502246	8.0	570521.0	1.437594	Y



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Calibration / 4-Chlorophenyl phenyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

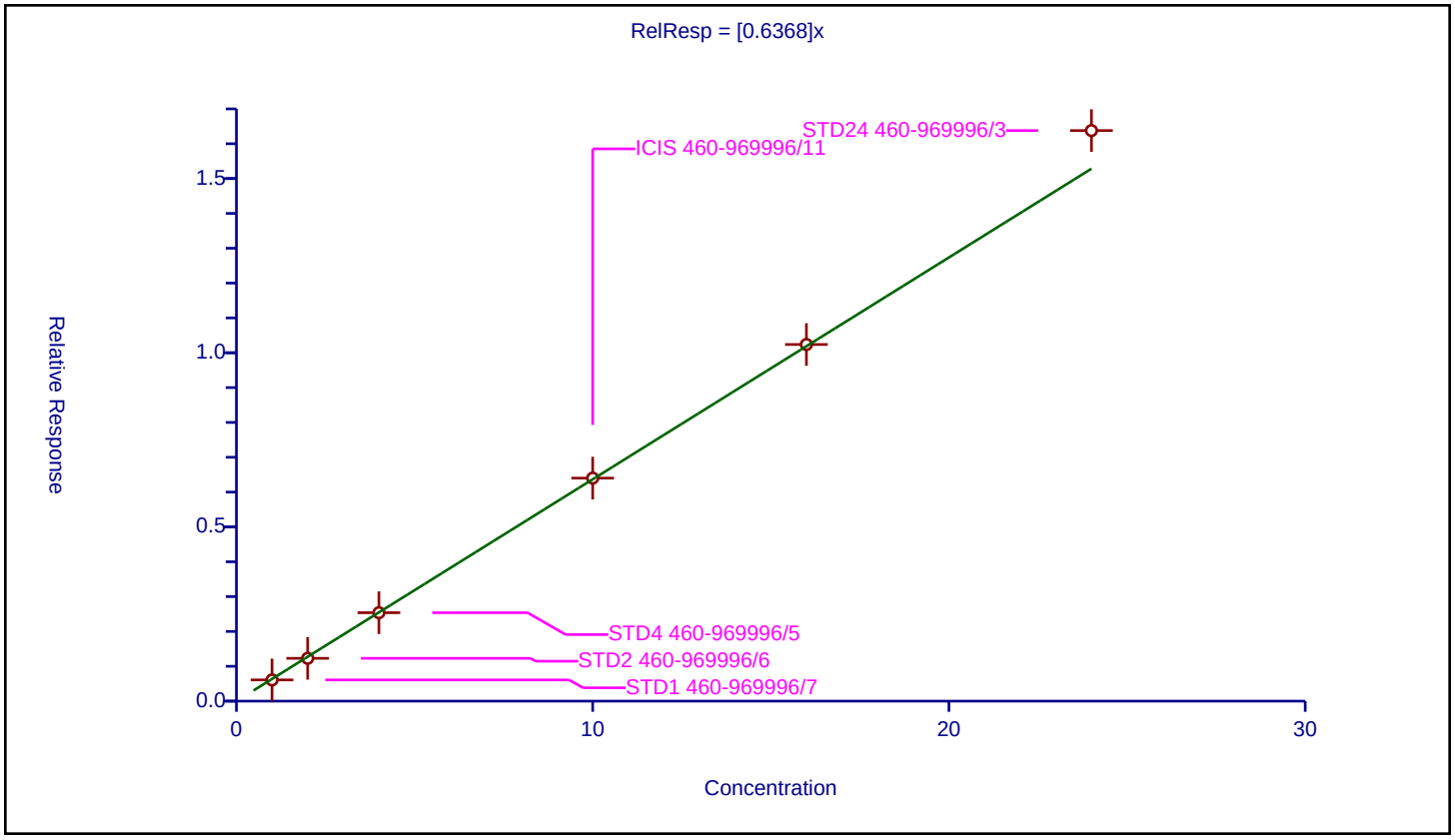
Curve Coefficients

Intercept:	0
Slope:	0.6368

Error Coefficients

Relative Standard Deviation:	4.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969996/7	1.0	0.60896	8.0	604480.0	0.60896	Y
2	STD2 460-969996/6	2.0	1.229257	8.0	575144.0	0.614629	Y
3	STD4 460-969996/5	4.0	2.53876	8.0	595916.0	0.63469	Y
4	ICIS 460-969996/11	10.0	6.401591	8.0	556298.0	0.640159	Y
5	STD16 460-969996/4	16.0	10.237306	8.0	574137.0	0.639832	Y
6	STD24 460-969996/3	24.0	16.37755	8.0	570521.0	0.682398	Y



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Calibration / 4-Nitroaniline

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

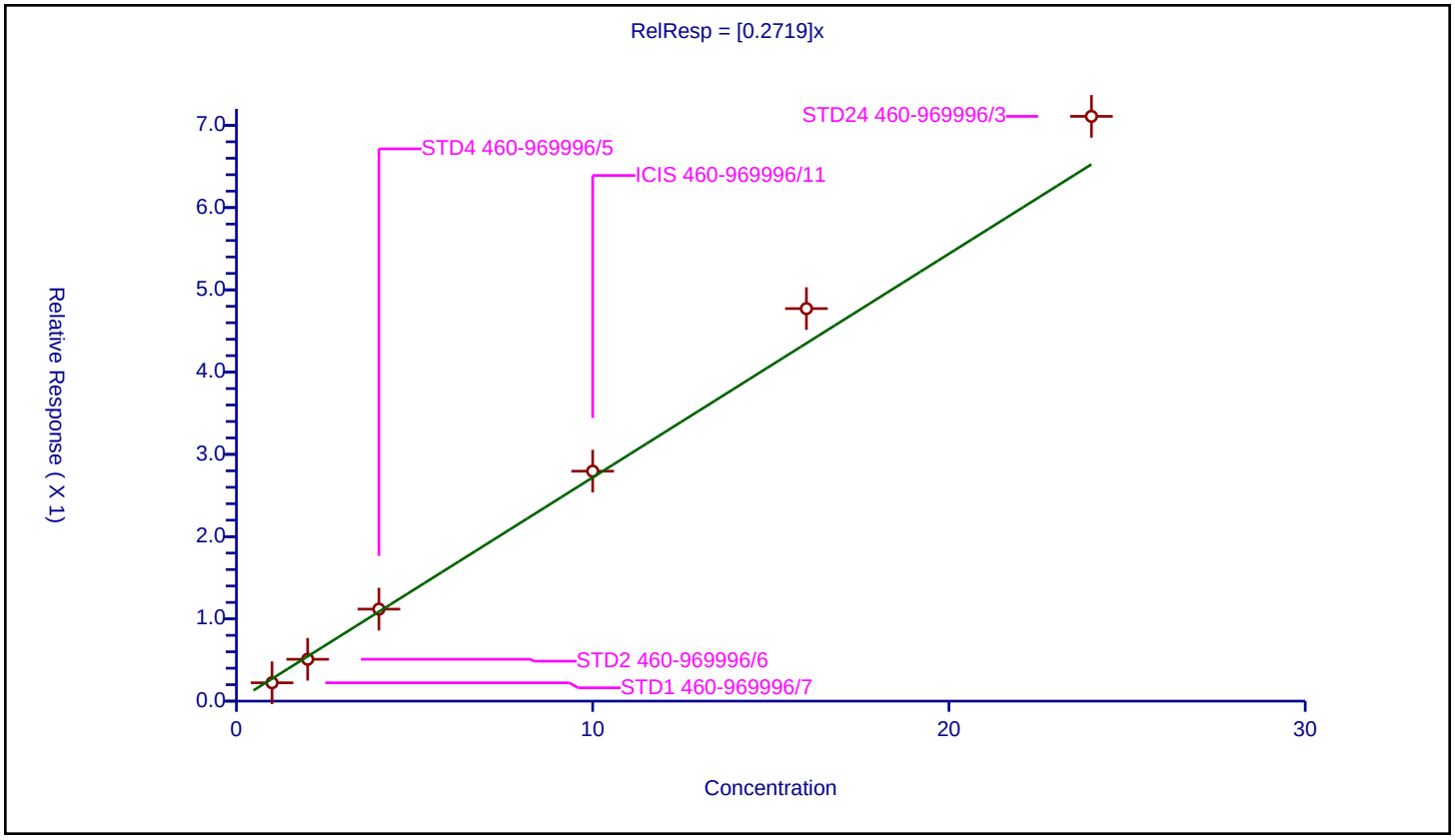
Curve Coefficients

Intercept:	0
Slope:	0.2719

Error Coefficients

Relative Standard Deviation:	10.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969996/7	1.0	0.223412	8.0	604480.0	0.223412	Y
2	STD2 460-969996/6	2.0	0.508867	8.0	575144.0	0.254434	Y
3	STD4 460-969996/5	4.0	1.118466	8.0	595916.0	0.279617	Y
4	ICIS 460-969996/11	10.0	2.795523	8.0	556298.0	0.279552	Y
5	STD16 460-969996/4	16.0	4.772324	8.0	574137.0	0.29827	Y
6	STD24 460-969996/3	24.0	7.109488	8.0	570521.0	0.296229	Y



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Calibration / 4,6-Dinitro-2-methylphenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

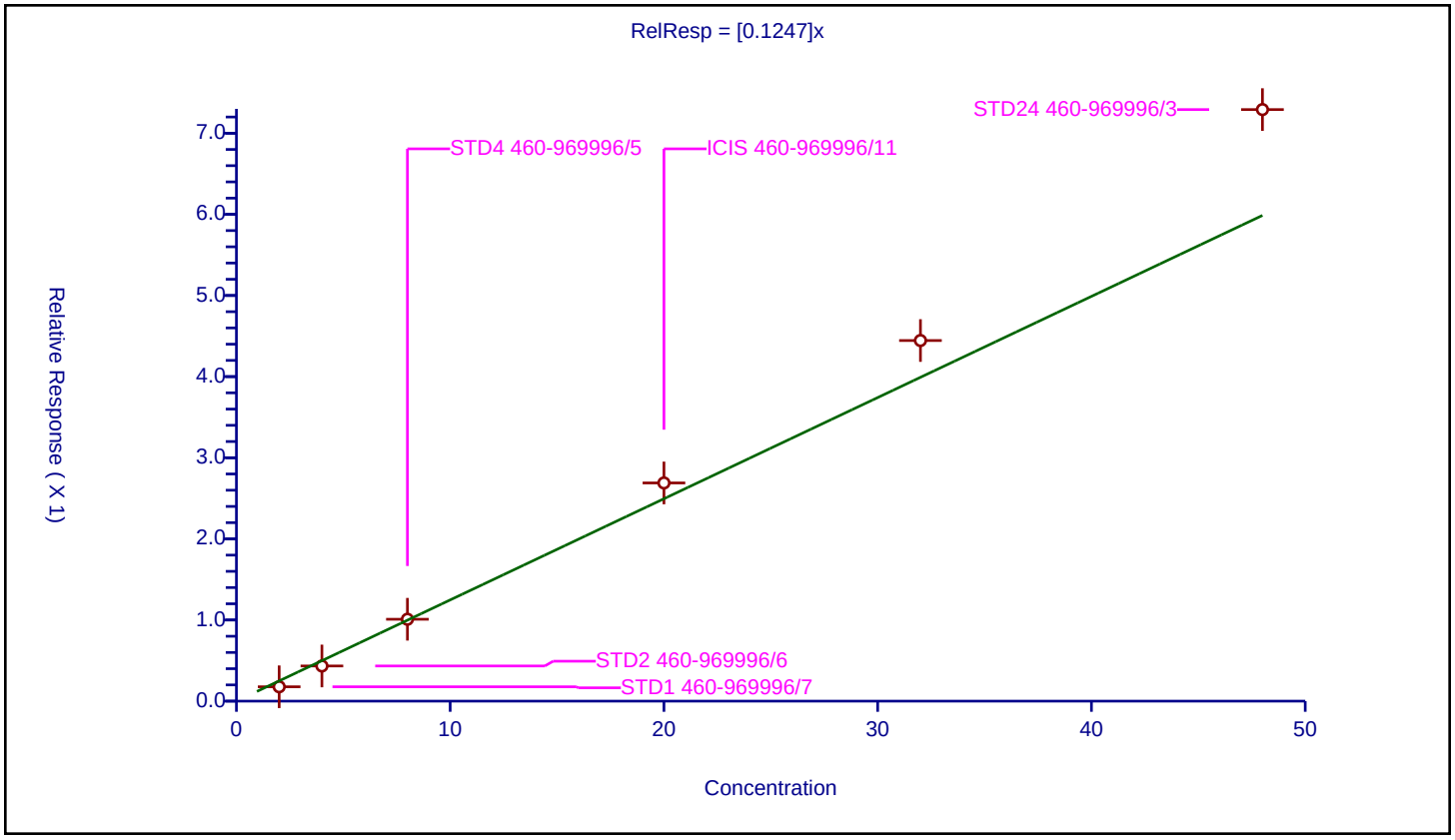
Curve Coefficients

Intercept:	0
Slope:	0.1247

Error Coefficients

Relative Standard Deviation:	18.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969996/7	2.0	0.17702	8.0	1128282.0	0.08851	Y
2	STD2 460-969996/6	4.0	0.433589	8.0	1055599.0	0.108397	Y
3	STD4 460-969996/5	8.0	1.009418	8.0	1067586.0	0.126177	Y
4	ICIS 460-969996/11	20.0	2.689448	8.0	978226.0	0.134472	Y
5	STD16 460-969996/4	32.0	4.445004	8.0	1028684.0	0.138906	Y
6	STD24 460-969996/3	48.0	7.291593	8.0	994999.0	0.151908	Y



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Calibration / N-Nitrosodiphenylamine

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

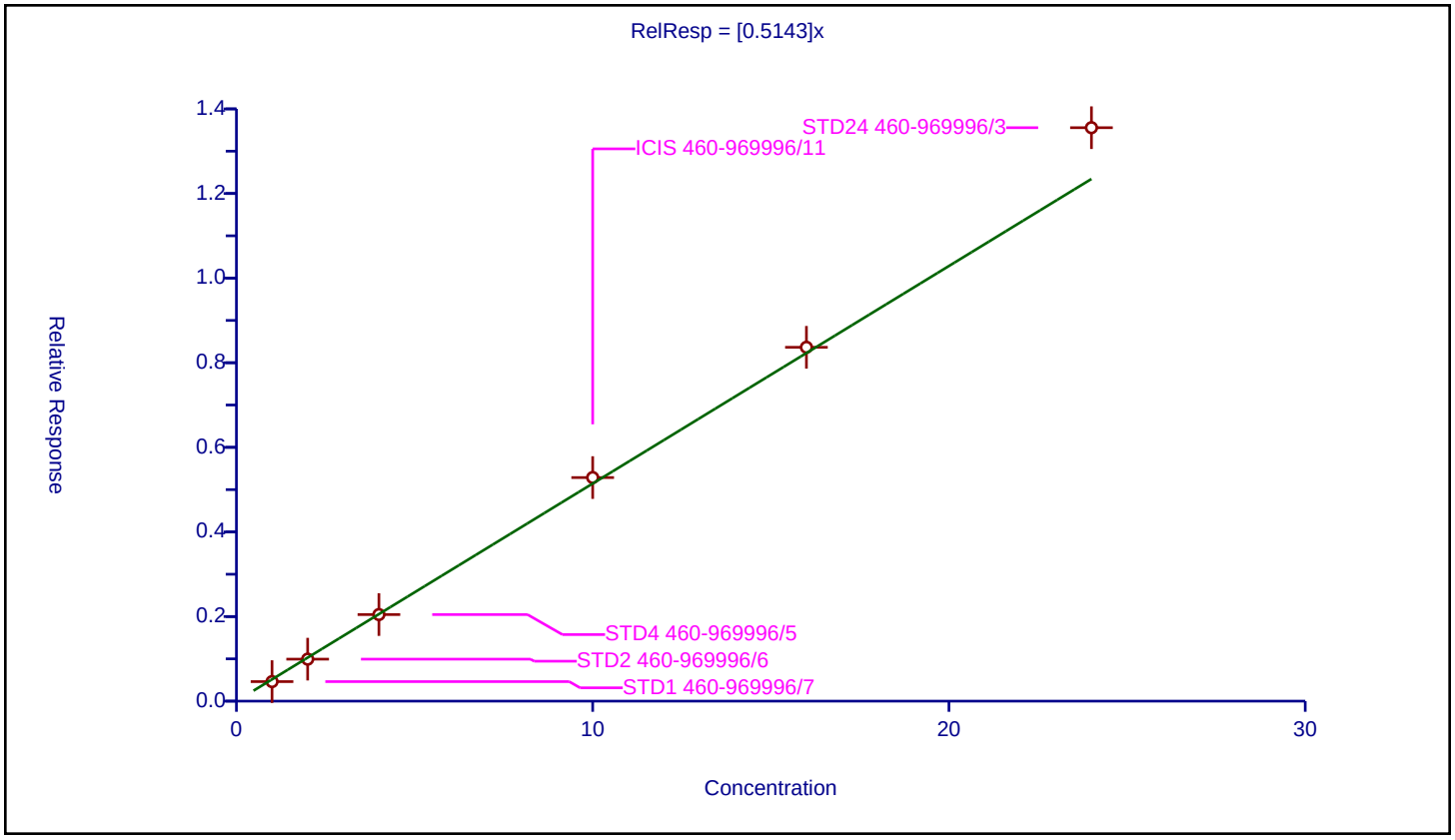
Curve Coefficients

Intercept:	0
Slope:	0.5143

Error Coefficients

Relative Standard Deviation:	6.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969996/7	1.0	0.461814	8.0	1128282.0	0.461814	Y
2	STD2 460-969996/6	2.0	0.992513	8.0	1055599.0	0.496257	Y
3	STD4 460-969996/5	4.0	2.046786	8.0	1067586.0	0.511696	Y
4	ICIS 460-969996/11	10.0	5.285118	8.0	978226.0	0.528512	Y
5	STD16 460-969996/4	16.0	8.364707	8.0	1028684.0	0.522794	Y
6	STD24 460-969996/3	24.0	13.555648	8.0	994999.0	0.564819	Y



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Calibration / 1,2-Diphenylhydrazine

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

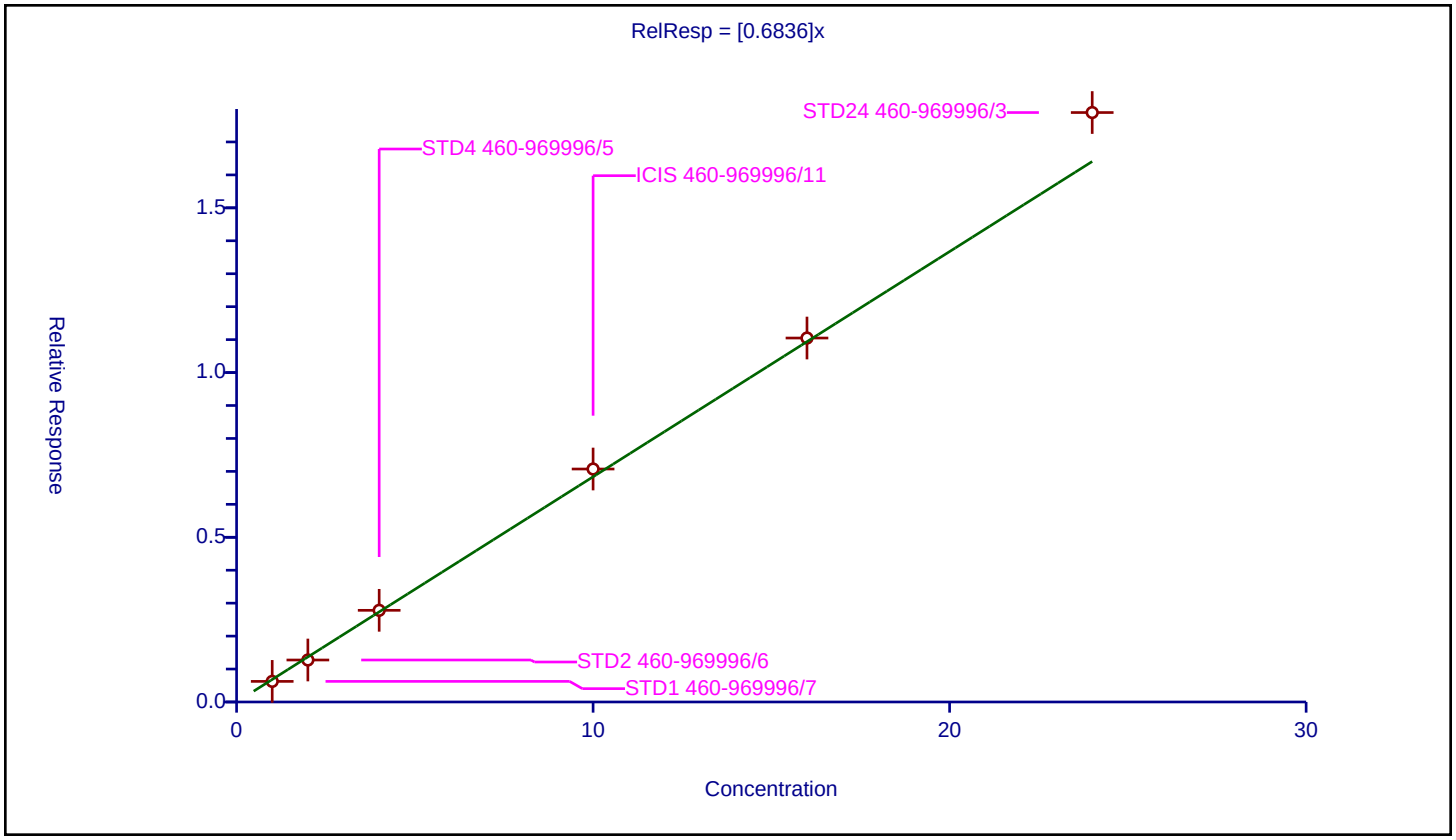
Curve Coefficients

Intercept:	0
Slope:	0.6836

Error Coefficients

Relative Standard Deviation:	6.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969996/7	1.0	0.625702	8.0	1128282.0	0.625702	Y
2	STD2 460-969996/6	2.0	1.274529	8.0	1055599.0	0.637265	Y
3	STD4 460-969996/5	4.0	2.782539	8.0	1067586.0	0.695635	Y
4	ICIS 460-969996/11	10.0	7.072018	8.0	978226.0	0.707202	Y
5	STD16 460-969996/4	16.0	11.047941	8.0	1028684.0	0.690496	Y
6	STD24 460-969996/3	24.0	17.892858	8.0	994999.0	0.745536	Y



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Calibration / Azobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

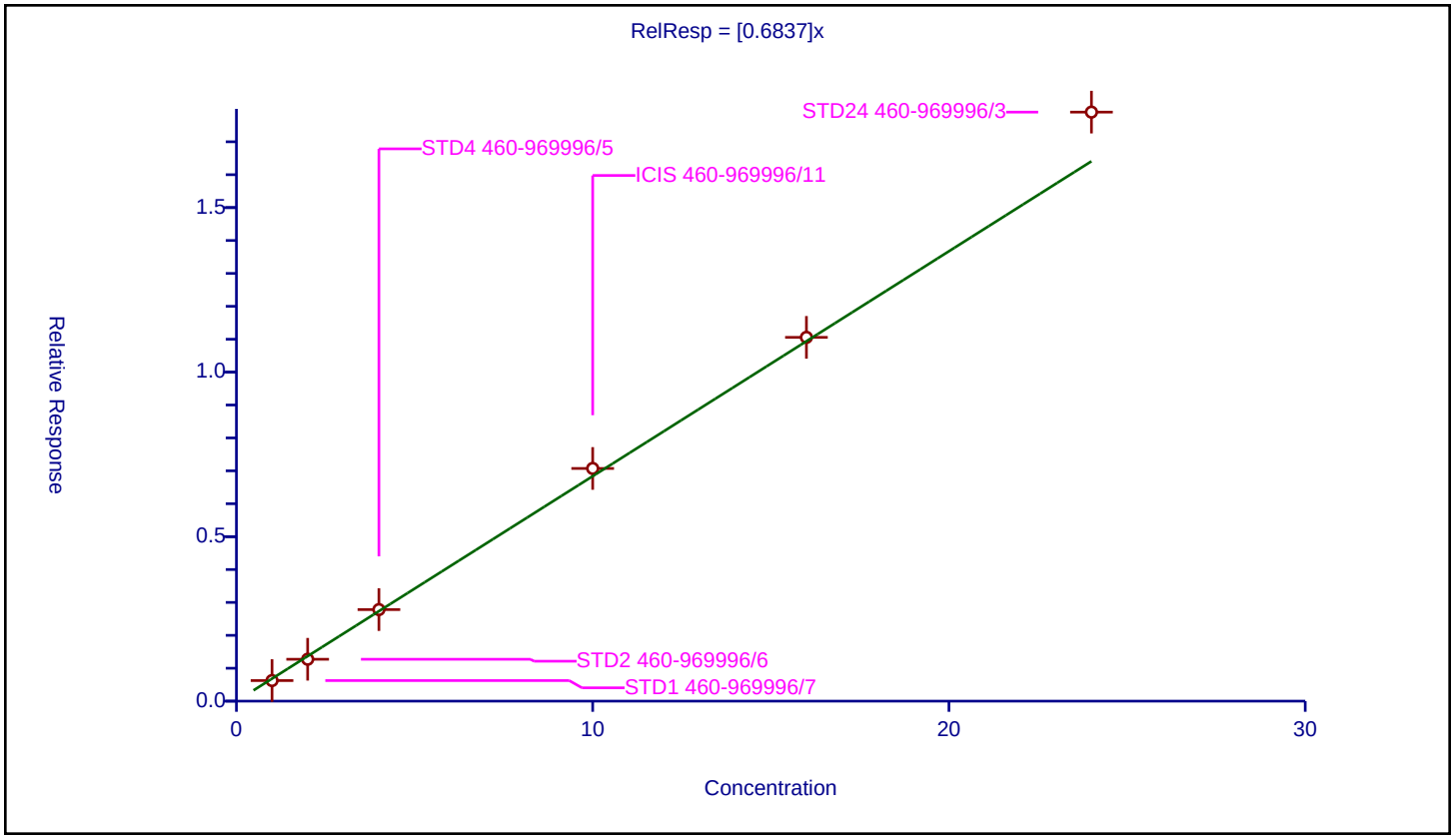
Curve Coefficients

Intercept:	0
Slope:	0.6837

Error Coefficients

Relative Standard Deviation:	6.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969996/7	1.0	0.625702	8.0	1128282.0	0.625702	Y
2	STD2 460-969996/6	2.0	1.273143	8.0	1055599.0	0.636571	Y
3	STD4 460-969996/5	4.0	2.782255	8.0	1067586.0	0.695564	Y
4	ICIS 460-969996/11	10.0	7.072304	8.0	978226.0	0.70723	Y
5	STD16 460-969996/4	16.0	11.056348	8.0	1028684.0	0.691022	Y
6	STD24 460-969996/3	24.0	17.901775	8.0	994999.0	0.745907	Y



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Calibration / 2,4,6-Tribromophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

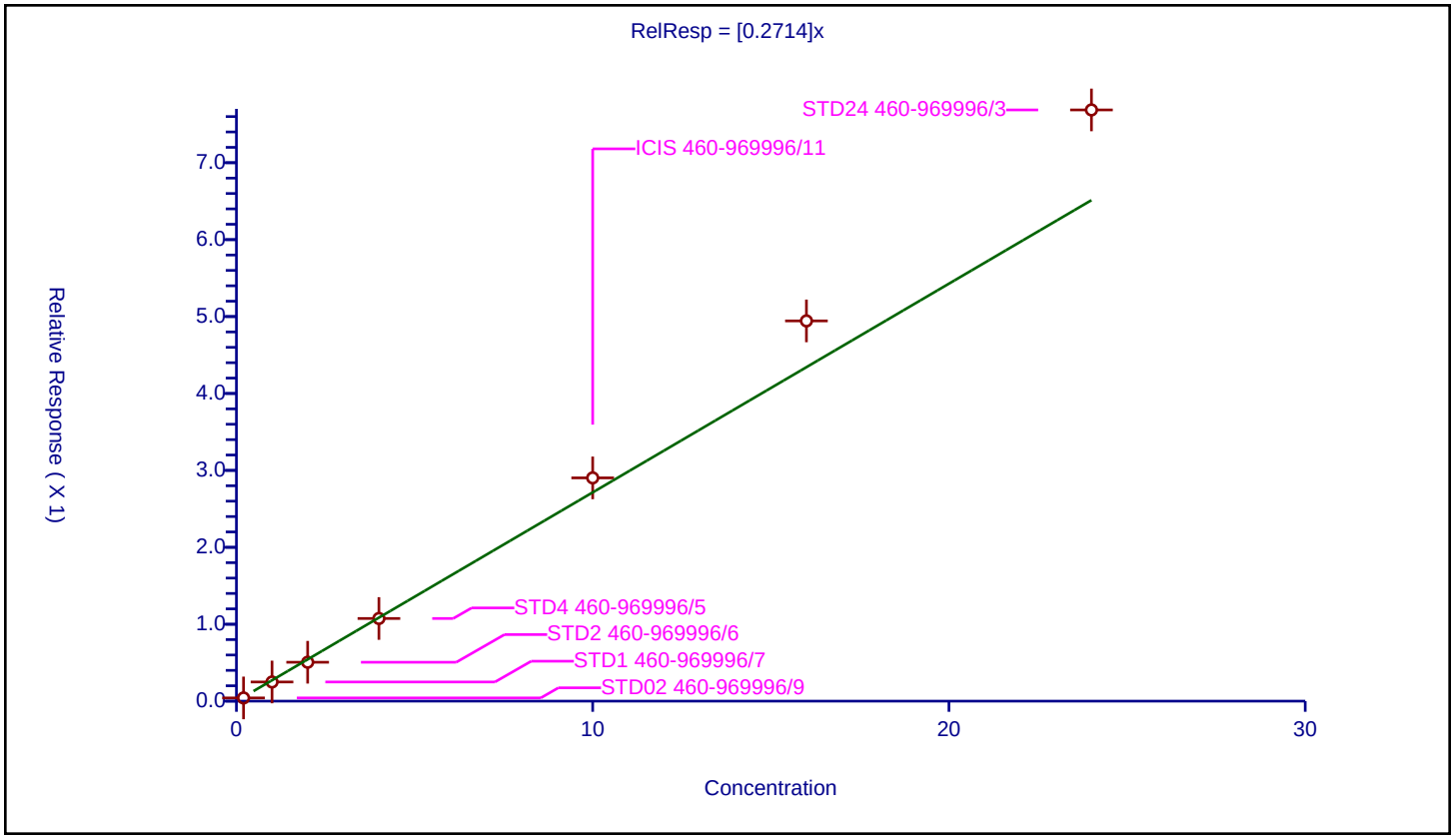
Curve Coefficients

Intercept:	0
Slope:	0.2714

Error Coefficients

Relative Standard Deviation:	14.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-969996/9	0.2	0.041876	8.0	584589.0	0.209378	Y
2	STD1 460-969996/7	1.0	0.249153	8.0	604480.0	0.249153	Y
3	STD2 460-969996/6	2.0	0.505835	8.0	575144.0	0.252918	Y
4	STD4 460-969996/5	4.0	1.074769	8.0	595916.0	0.268692	Y
5	ICIS 460-969996/11	10.0	2.902718	8.0	556298.0	0.290272	Y
6	STD16 460-969996/4	16.0	4.943712	8.0	574137.0	0.308982	Y
7	STD24 460-969996/3	24.0	7.686392	8.0	570521.0	0.320266	Y



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Calibration / 4-Bromophenyl phenyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

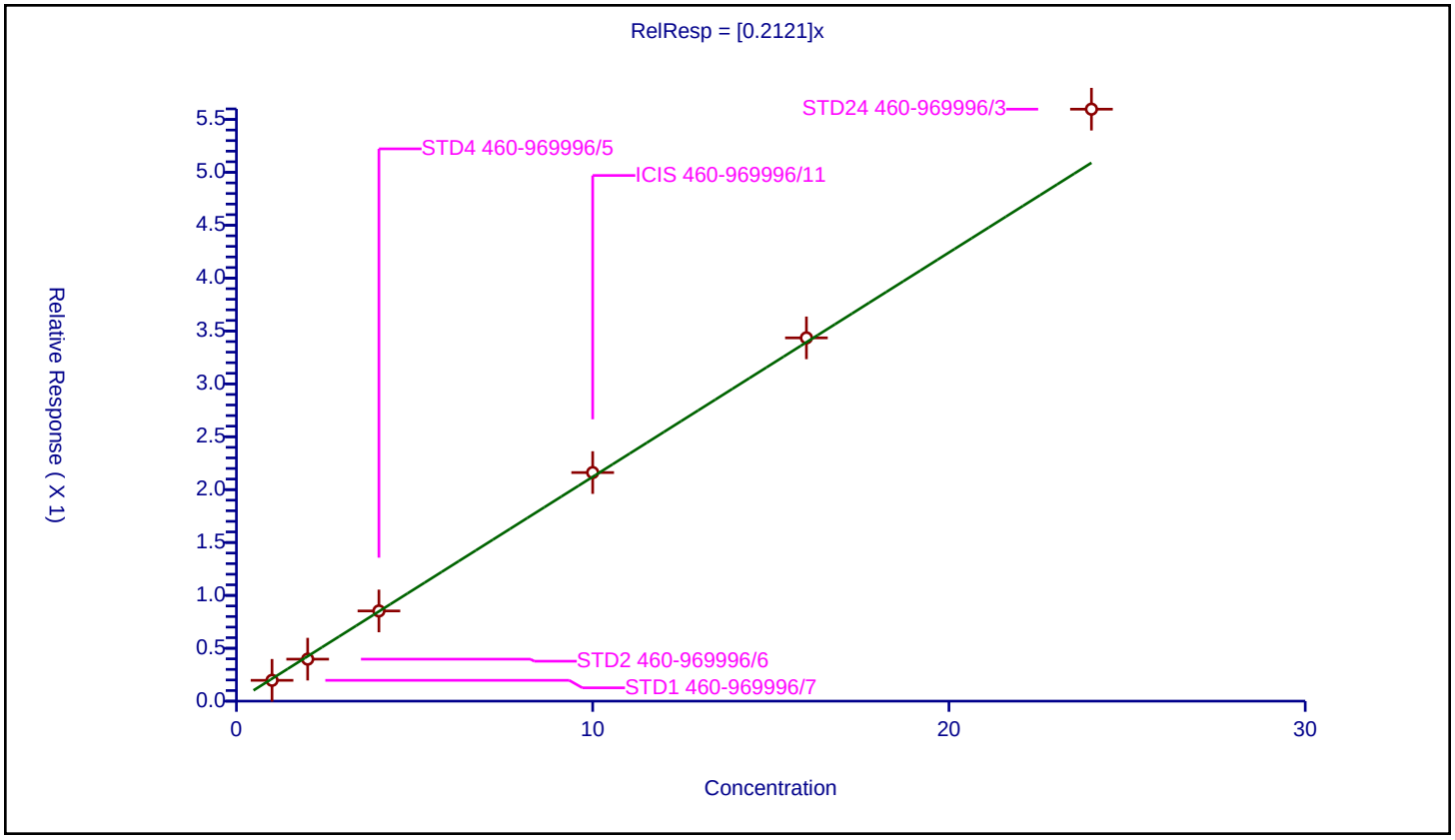
Curve Coefficients

Intercept:	0
Slope:	0.2121

Error Coefficients

Relative Standard Deviation:	6.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969996/7	1.0	0.196809	8.0	1128282.0	0.196809	Y
2	STD2 460-969996/6	2.0	0.396961	8.0	1055599.0	0.198481	Y
3	STD4 460-969996/5	4.0	0.852915	8.0	1067586.0	0.213229	Y
4	ICIS 460-969996/11	10.0	2.161398	8.0	978226.0	0.21614	Y
5	STD16 460-969996/4	16.0	3.435014	8.0	1028684.0	0.214688	Y
6	STD24 460-969996/3	24.0	5.597272	8.0	994999.0	0.23322	Y



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Calibration / Hexachlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

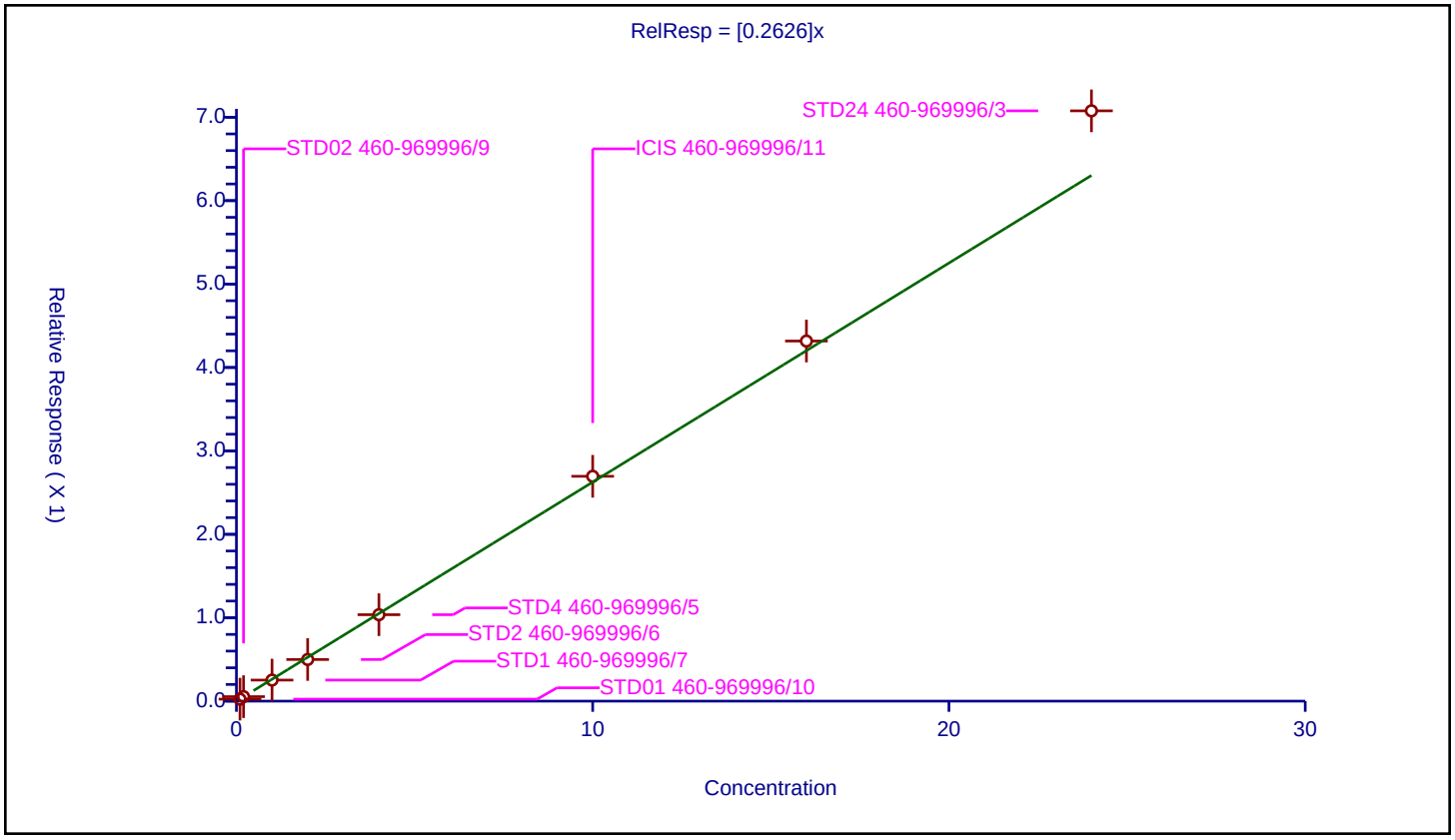
Curve Coefficients

Intercept:	0
Slope:	0.2626

Error Coefficients

Relative Standard Deviation:	6.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-969996/10	0.1	0.023672	8.0	1163587.0	0.236716	Y
2	STD02 460-969996/9	0.2	0.05375	8.0	1058677.0	0.268751	Y
3	STD1 460-969996/7	1.0	0.252419	8.0	1128282.0	0.252419	Y
4	STD2 460-969996/6	2.0	0.499243	8.0	1055599.0	0.249621	Y
5	STD4 460-969996/5	4.0	1.036222	8.0	1067586.0	0.259055	Y
6	ICIS 460-969996/11	10.0	2.695753	8.0	978226.0	0.269575	Y
7	STD16 460-969996/4	16.0	4.316949	8.0	1028684.0	0.269809	Y
8	STD24 460-969996/3	24.0	7.076727	8.0	994999.0	0.294864	Y



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Calibration / Atrazine

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

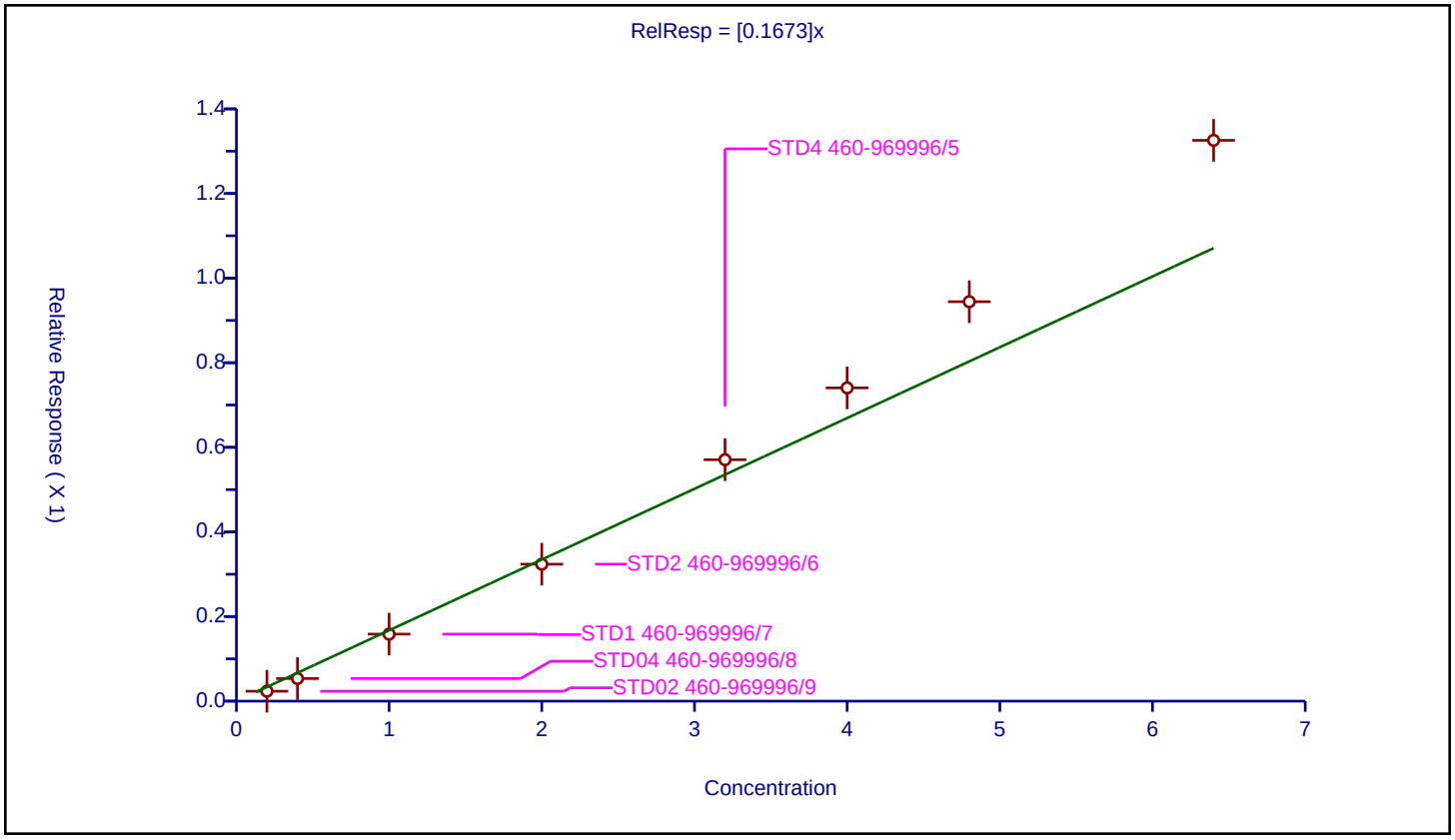
Curve Coefficients

Intercept:	0
Slope:	0.1673

Error Coefficients

Relative Standard Deviation:	18.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-969996/9	0.2	0.023456	8.0	1058677.0	0.117278	Y
2	STD04 460-969996/8	0.4	0.053424	8.0	1138073.0	0.133559	Y
3	STD1 460-969996/7	1.0	0.15845	8.0	1128282.0	0.15845	Y
4	STD2 460-969996/6	2.0	0.32379	8.0	1055599.0	0.161895	Y
5	STD4 460-969996/5	3.2	0.570686	8.0	1067586.0	0.178339	Y
6	ICIS 460-969996/11	4.0	0.740508	8.0	978226.0	0.185127	Y
7	STD16 460-969996/4	4.8	0.944212	8.0	1028684.0	0.196711	Y
8	STD24 460-969996/3	6.4	1.32567	8.0	994999.0	0.207136	Y



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Calibration / Pentachlorophenol

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

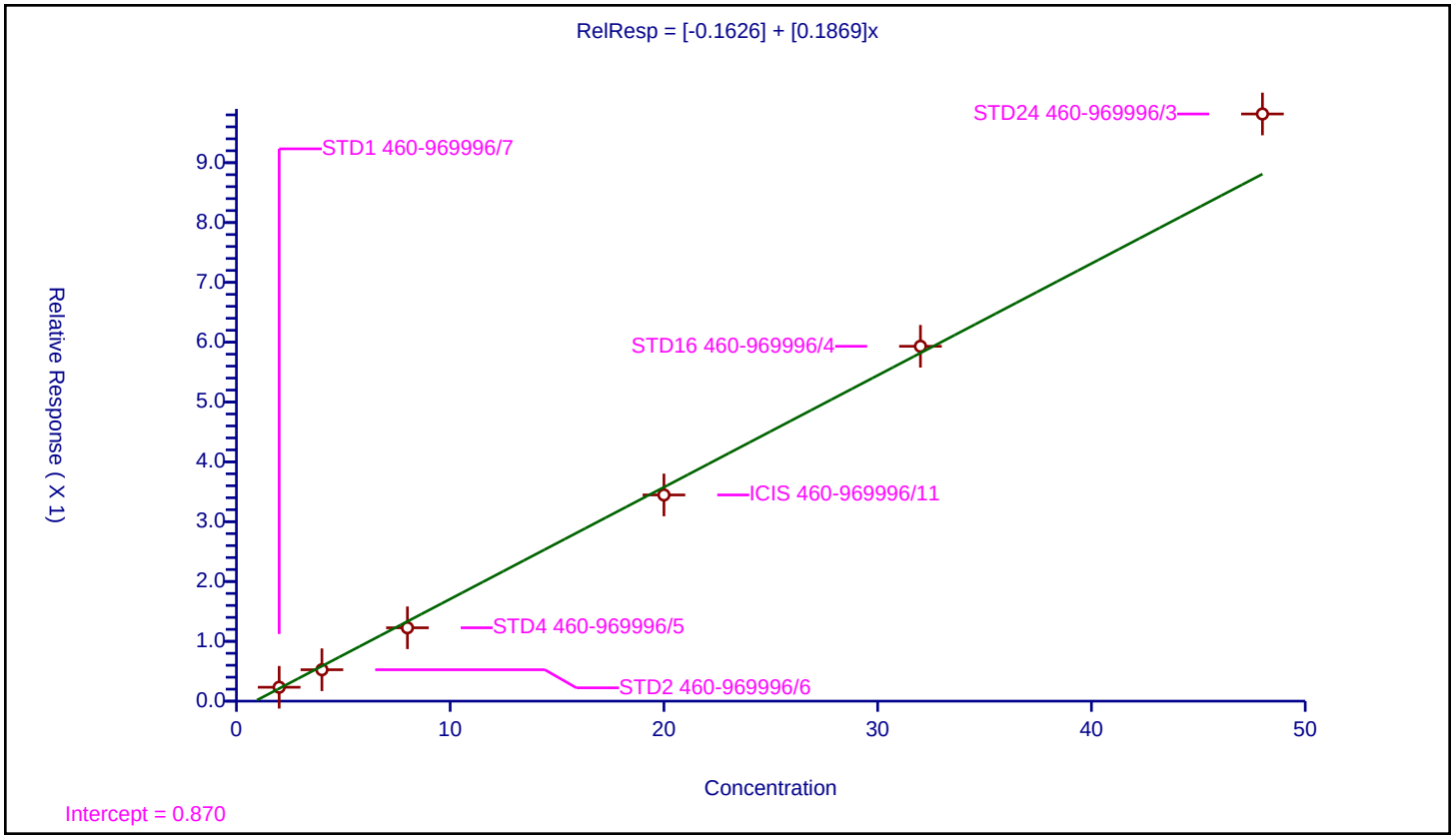
Curve Coefficients

Intercept:	-0.1626
Slope:	0.1869

Error Coefficients

Relative Standard Deviation:	8.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969996/7	2.0	0.232098	8.0	1128282.0	0.116049	Y
2	STD2 460-969996/6	4.0	0.524904	8.0	1055599.0	0.131226	Y
3	STD4 460-969996/5	8.0	1.2264	8.0	1067586.0	0.1533	Y
4	ICIS 460-969996/11	20.0	3.446835	8.0	978226.0	0.172342	Y
5	STD16 460-969996/4	32.0	5.931649	8.0	1028684.0	0.185364	Y
6	STD24 460-969996/3	48.0	9.814884	8.0	994999.0	0.204477	Y



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Calibration / Pentachloronitrobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

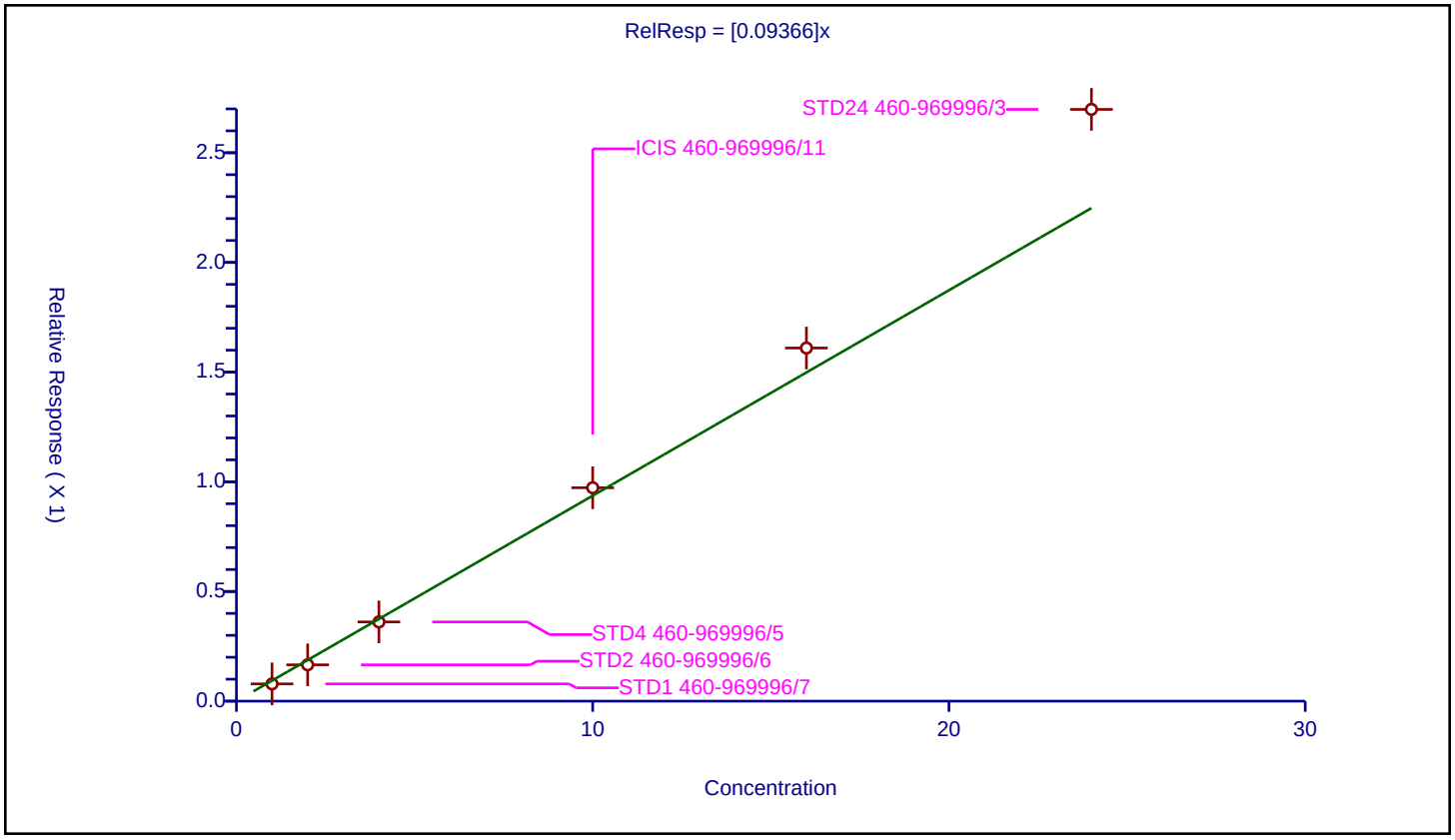
Curve Coefficients

Intercept:	0
Slope:	0.09366

Error Coefficients

Relative Standard Deviation:	13.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969996/7	1.0	0.078569	8.0	1128282.0	0.078569	Y
2	STD2 460-969996/6	2.0	0.165593	8.0	1055599.0	0.082797	Y
3	STD4 460-969996/5	4.0	0.361114	8.0	1067586.0	0.090278	Y
4	ICIS 460-969996/11	10.0	0.972822	8.0	978226.0	0.097282	Y
5	STD16 460-969996/4	16.0	1.609855	8.0	1028684.0	0.100616	Y
6	STD24 460-969996/3	24.0	2.697635	8.0	994999.0	0.112401	Y



Calibration / n-Octadecane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

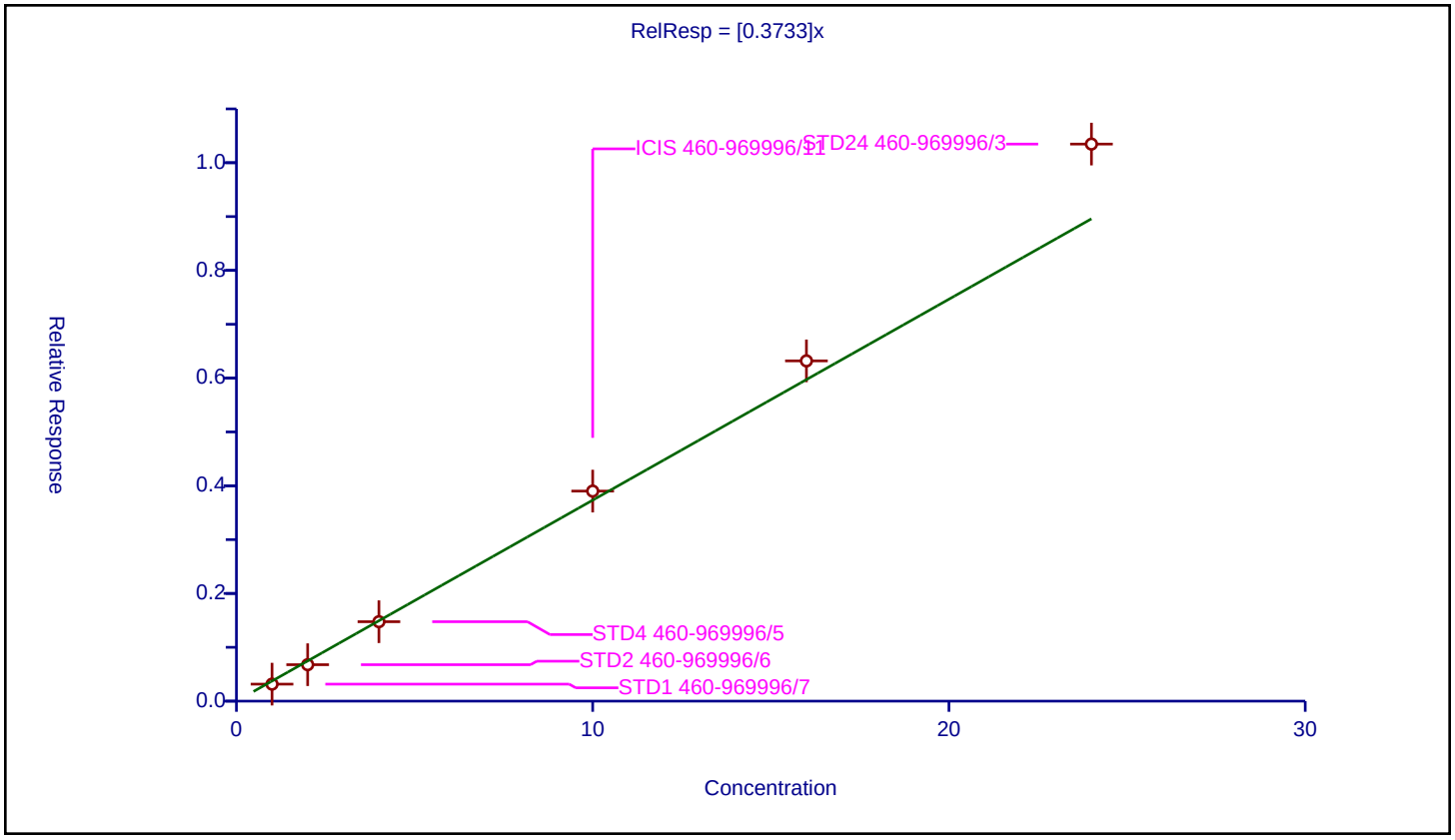
Curve Coefficients

Intercept:	0
Slope:	0.3733

Error Coefficients

Relative Standard Deviation:	11.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969996/7	1.0	0.316006	8.0	1128282.0	0.316006	Y
2	STD2 460-969996/6	2.0	0.676946	8.0	1055599.0	0.338473	Y
3	STD4 460-969996/5	4.0	1.475531	8.0	1067586.0	0.368883	Y
4	ICIS 460-969996/11	10.0	3.90107	8.0	978226.0	0.390107	Y
5	STD16 460-969996/4	16.0	6.319686	8.0	1028684.0	0.39498	Y
6	STD24 460-969996/3	24.0	10.346656	8.0	994999.0	0.431111	Y



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Calibration / Phenanthrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

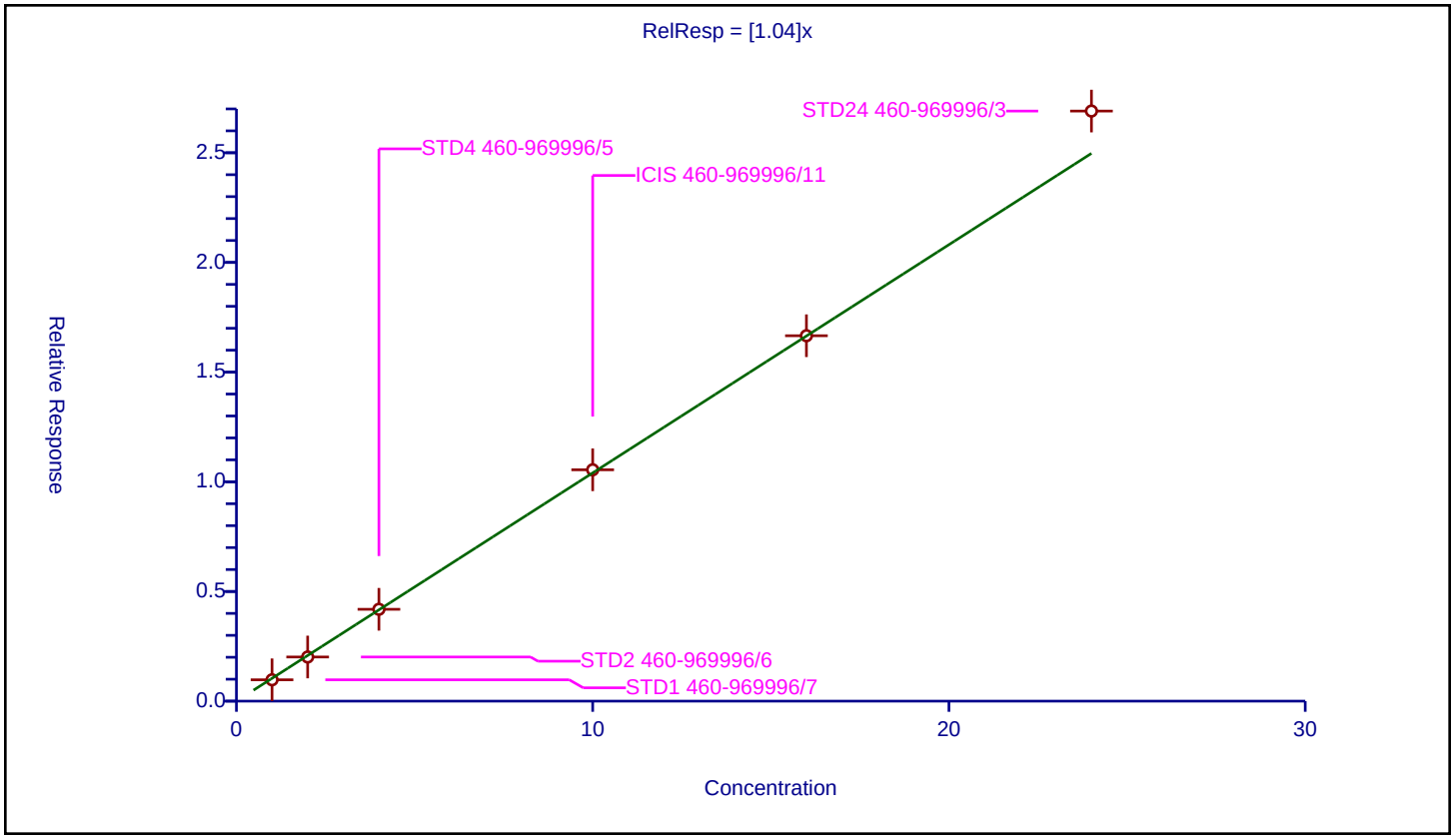
Curve Coefficients

Intercept:	0
Slope:	1.04

Error Coefficients

Relative Standard Deviation:	4.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969996/7	1.0	0.972856	8.0	1128282.0	0.972856	Y
2	STD2 460-969996/6	2.0	2.012893	8.0	1055599.0	1.006447	Y
3	STD4 460-969996/5	4.0	4.187376	8.0	1067586.0	1.046844	Y
4	ICIS 460-969996/11	10.0	10.547624	8.0	978226.0	1.054762	Y
5	STD16 460-969996/4	16.0	16.658675	8.0	1028684.0	1.041167	Y
6	STD24 460-969996/3	24.0	26.901189	8.0	994999.0	1.120883	Y



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Calibration / Anthracene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

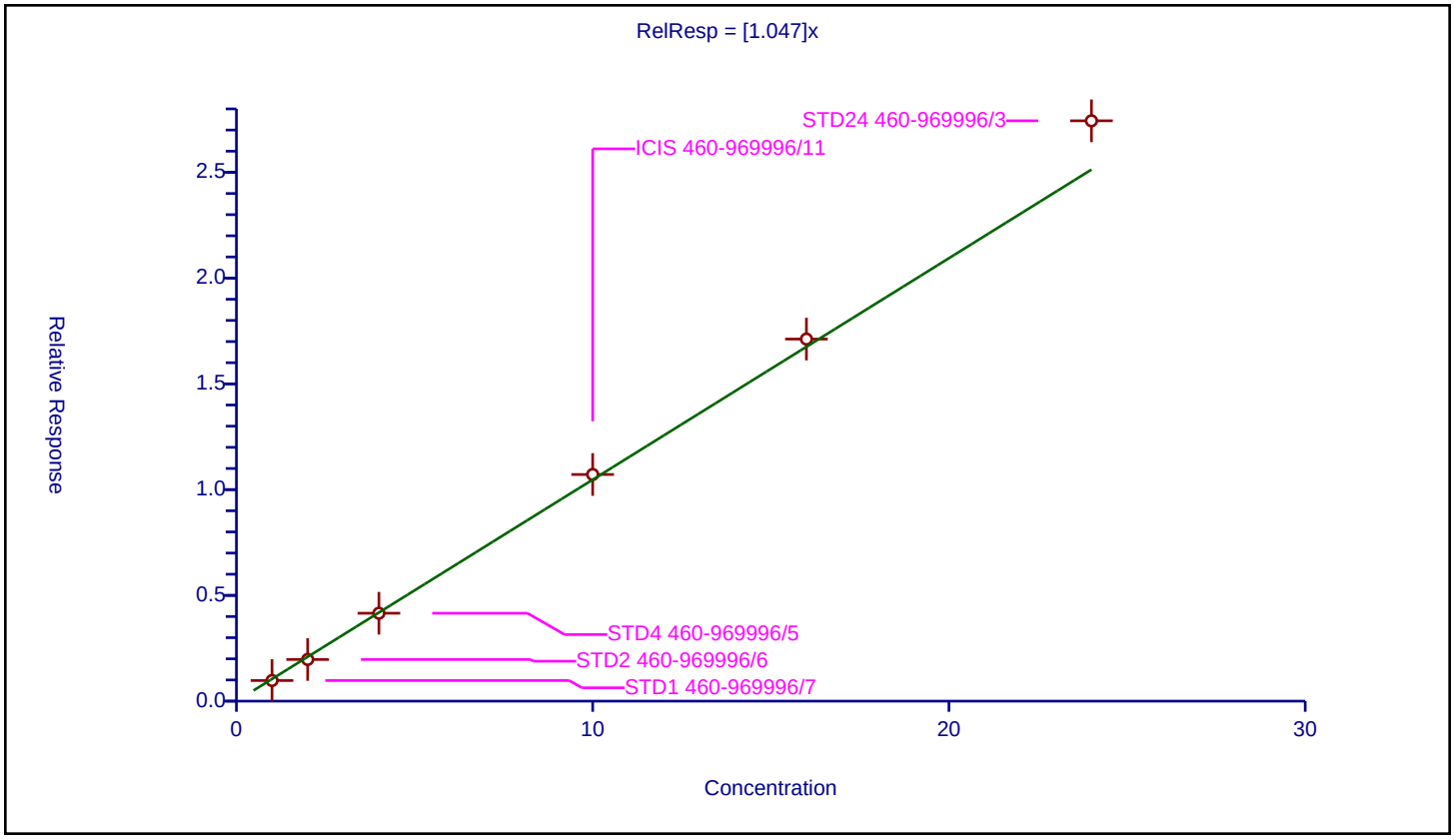
Curve Coefficients

Intercept:	0
Slope:	1.047

Error Coefficients

Relative Standard Deviation:	6.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969996/7	1.0	0.97443	8.0	1128282.0	0.97443	Y
2	STD2 460-969996/6	2.0	1.969058	8.0	1055599.0	0.984529	Y
3	STD4 460-969996/5	4.0	4.155334	8.0	1067586.0	1.038833	Y
4	ICIS 460-969996/11	10.0	10.715356	8.0	978226.0	1.071536	Y
5	STD16 460-969996/4	16.0	17.117887	8.0	1028684.0	1.069868	Y
6	STD24 460-969996/3	24.0	27.436683	8.0	994999.0	1.143195	Y



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Calibration / Carbazole

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

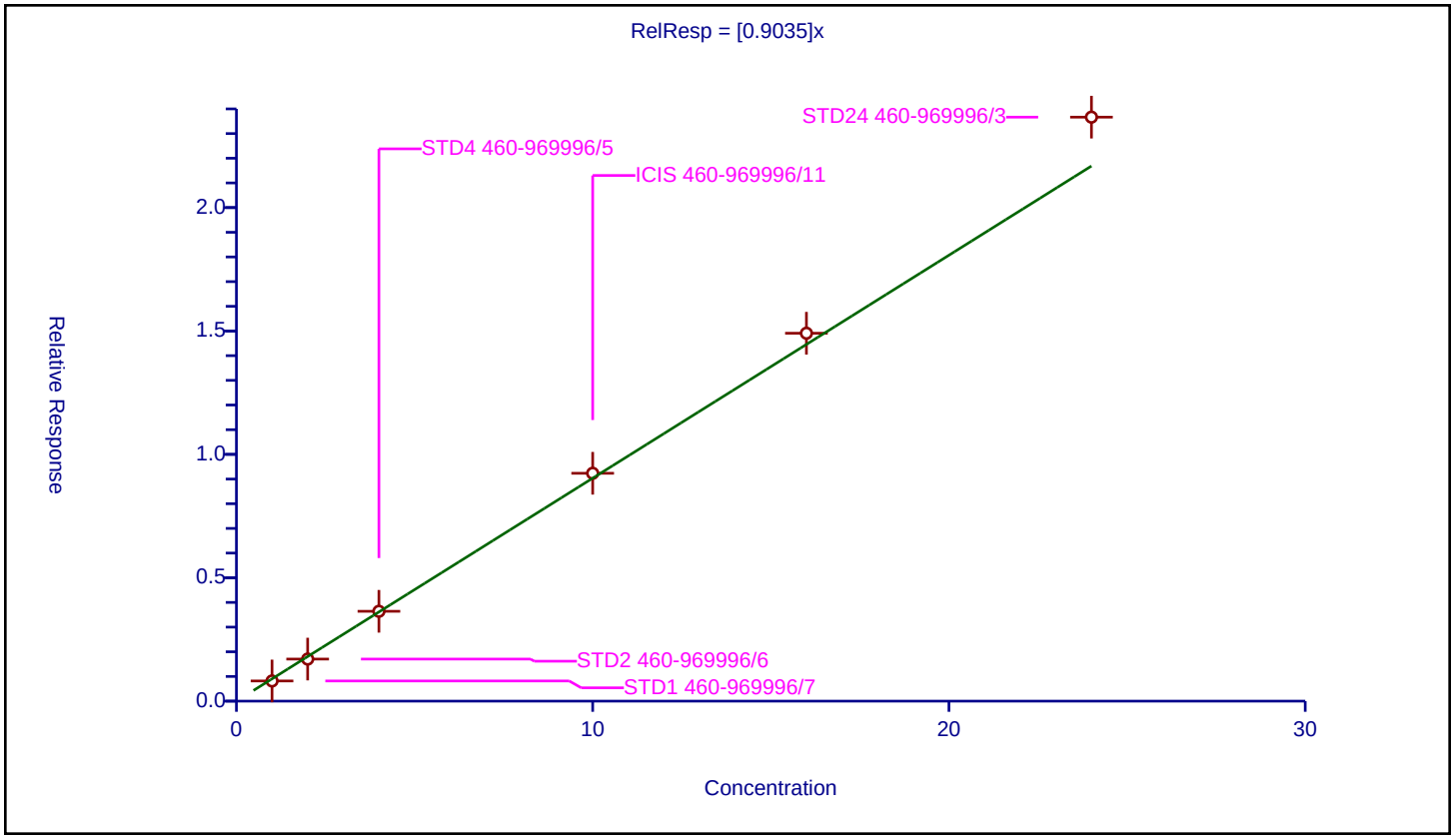
Curve Coefficients

Intercept:	0
Slope:	0.9035

Error Coefficients

Relative Standard Deviation:	6.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969996/7	1.0	0.817533	8.0	1128282.0	0.817533	Y
2	STD2 460-969996/6	2.0	1.704276	8.0	1055599.0	0.852138	Y
3	STD4 460-969996/5	4.0	3.640954	8.0	1067586.0	0.910239	Y
4	ICIS 460-969996/11	10.0	9.233694	8.0	978226.0	0.923369	Y
5	STD16 460-969996/4	16.0	14.909029	8.0	1028684.0	0.931814	Y
6	STD24 460-969996/3	24.0	23.665439	8.0	994999.0	0.98606	Y



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Calibration / Di-n-butyl phthalate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

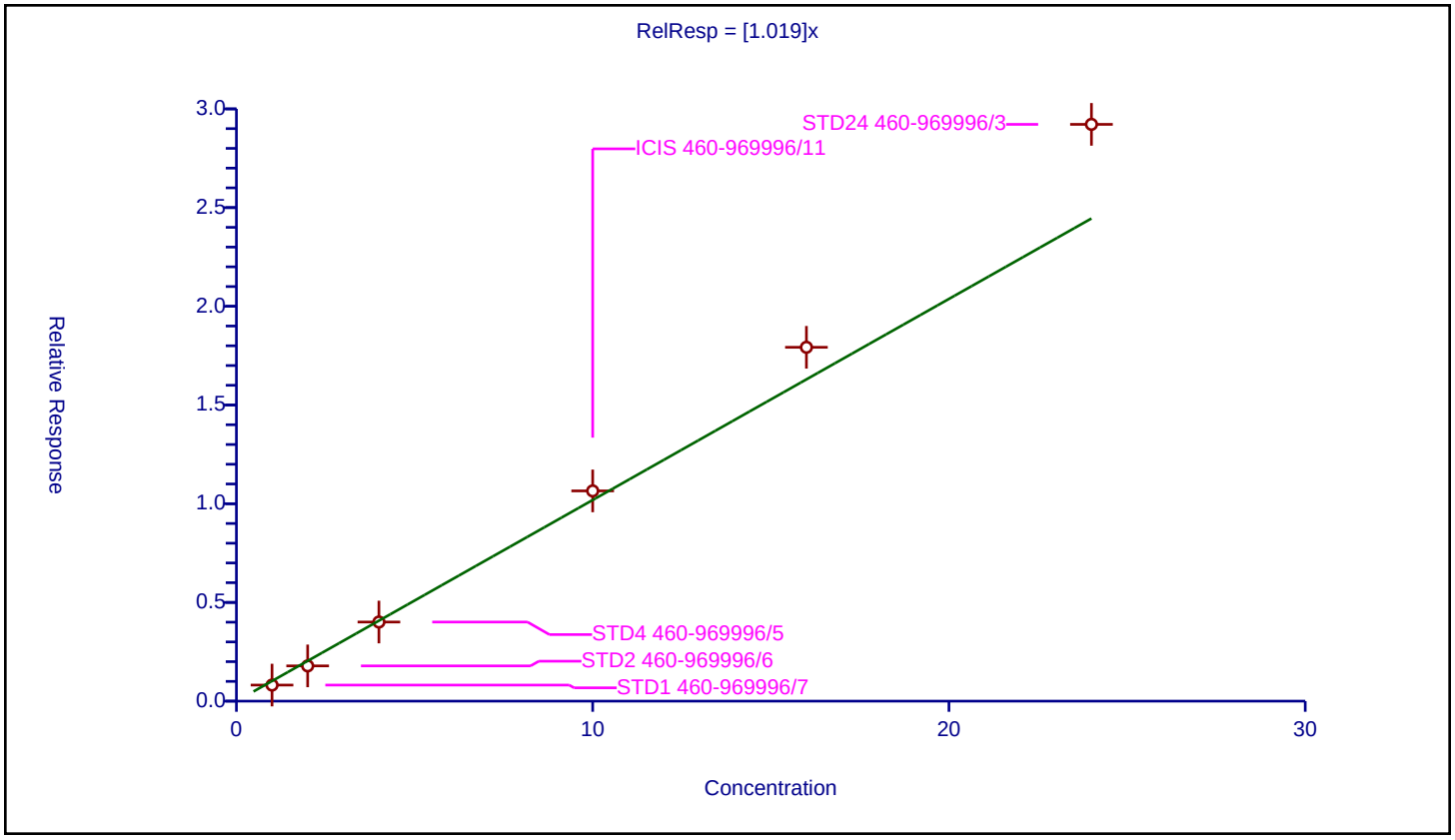
Curve Coefficients

Intercept:	0
Slope:	1.019

Error Coefficients

Relative Standard Deviation:	14.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969996/7	1.0	0.814633	8.0	1128282.0	0.814633	Y
2	STD2 460-969996/6	2.0	1.785951	8.0	1055599.0	0.892975	Y
3	STD4 460-969996/5	4.0	4.008138	8.0	1067586.0	1.002034	Y
4	ICIS 460-969996/11	10.0	10.648926	8.0	978226.0	1.064893	Y
5	STD16 460-969996/4	16.0	17.923716	8.0	1028684.0	1.120232	Y
6	STD24 460-969996/3	24.0	29.216729	8.0	994999.0	1.217364	Y



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Calibration / Fluoranthene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

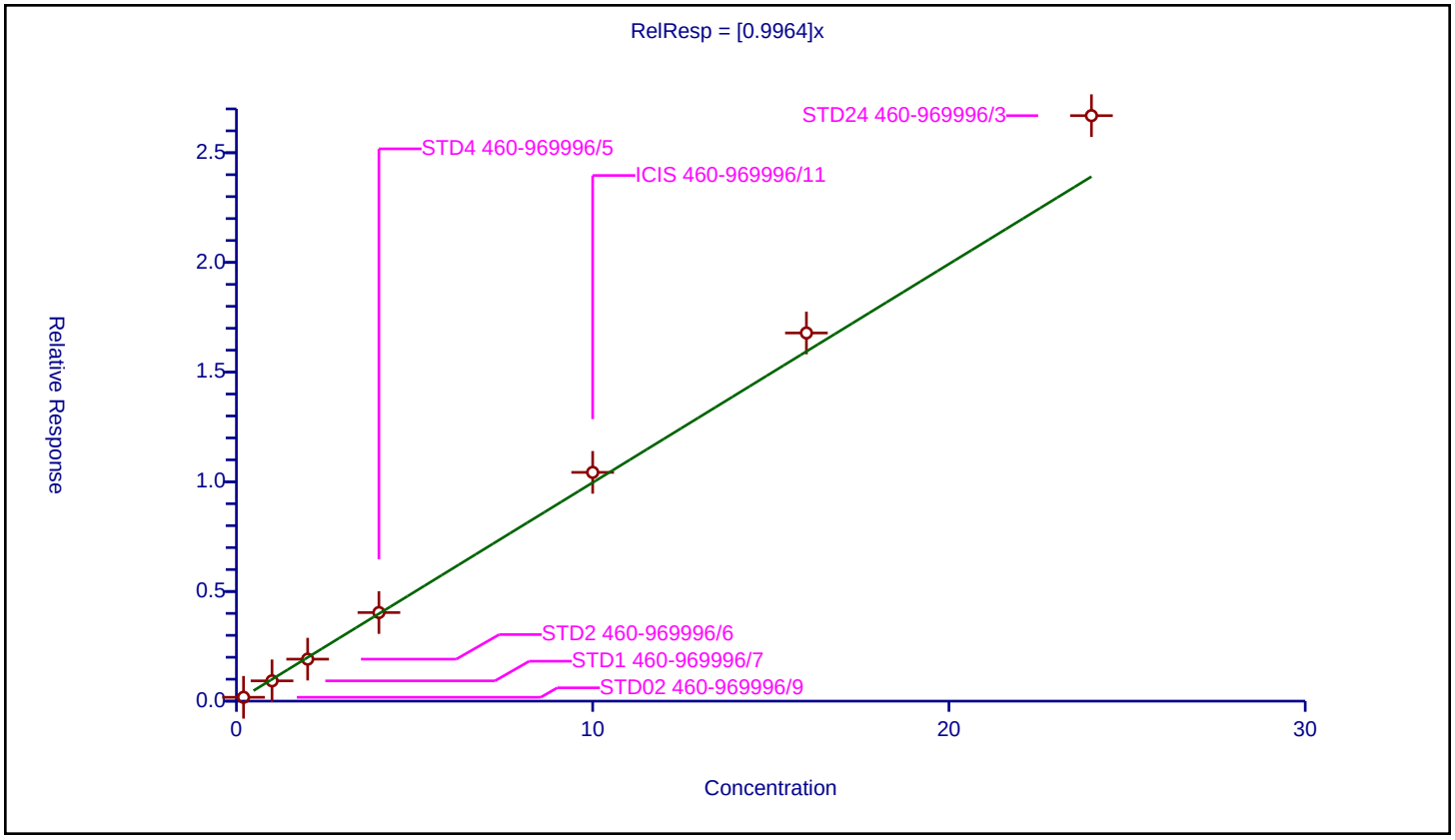
Curve Coefficients

Intercept:	0
Slope:	0.9964

Error Coefficients

Relative Standard Deviation:	8.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-969996/9	0.2	0.175782	8.0	1058677.0	0.878908	Y
2	STD1 460-969996/7	1.0	0.924748	8.0	1128282.0	0.924748	Y
3	STD2 460-969996/6	2.0	1.914022	8.0	1055599.0	0.957011	Y
4	STD4 460-969996/5	4.0	4.039364	8.0	1067586.0	1.009841	Y
5	ICIS 460-969996/11	10.0	10.429042	8.0	978226.0	1.042904	Y
6	STD16 460-969996/4	16.0	16.785267	8.0	1028684.0	1.049079	Y
7	STD24 460-969996/3	24.0	26.691315	8.0	994999.0	1.112138	Y



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Calibration / Benzidine

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

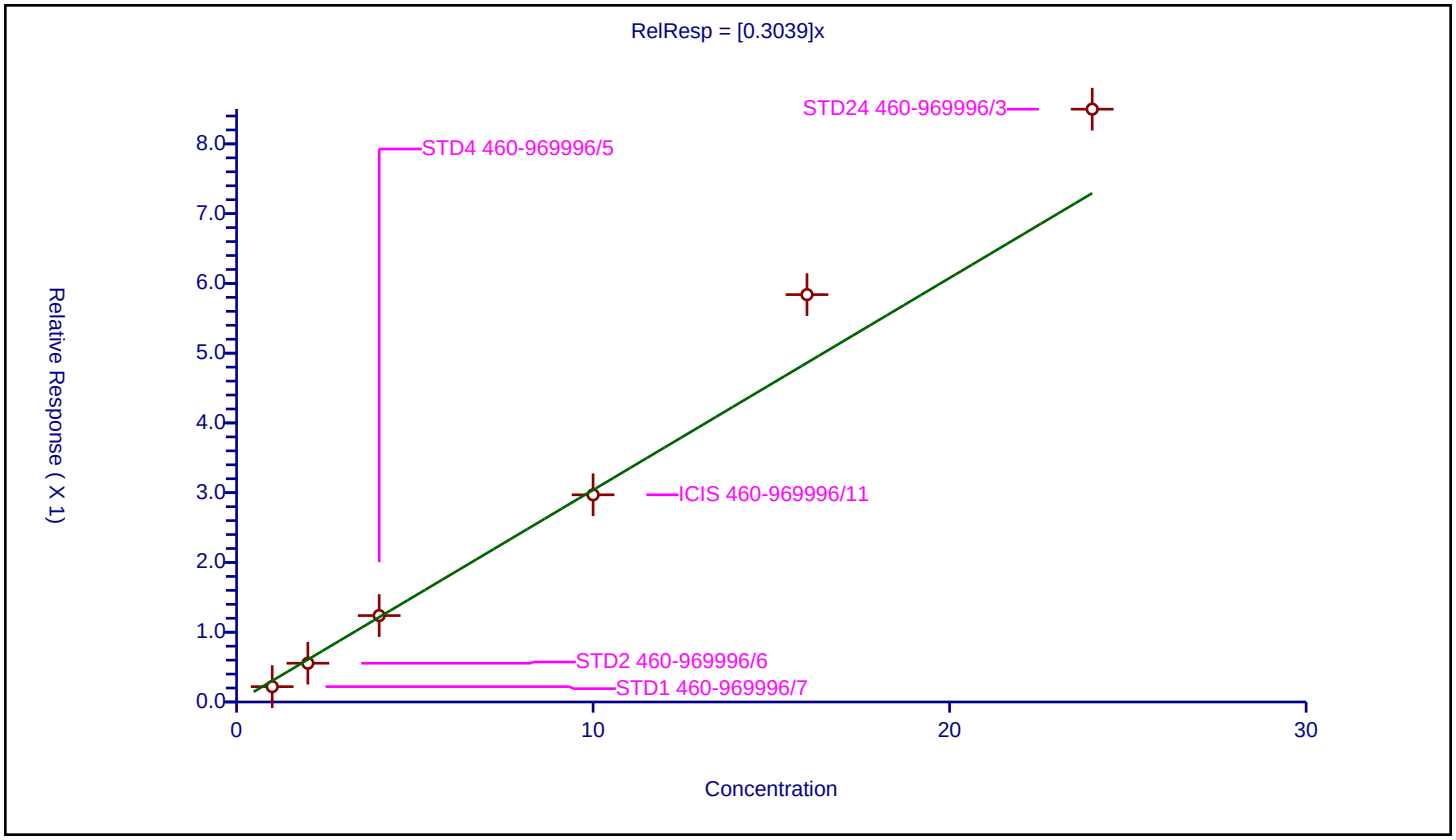
Curve Coefficients

Intercept:	0
Slope:	0.3039

Error Coefficients

Relative Standard Deviation:	17.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969996/7	1.0	0.21986	8.0	1128282.0	0.21986	Y
2	STD2 460-969996/6	2.0	0.555438	8.0	1055599.0	0.277719	Y
3	STD4 460-969996/5	4.0	1.23875	8.0	1067586.0	0.309687	Y
4	ICIS 460-969996/11	10.0	2.969817	8.0	978226.0	0.296982	Y
5	STD16 460-969996/4	16.0	5.839375	8.0	1028684.0	0.364961	Y
6	STD24 460-969996/3	24.0	8.497882	8.0	994999.0	0.354078	Y



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Calibration / Pyrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

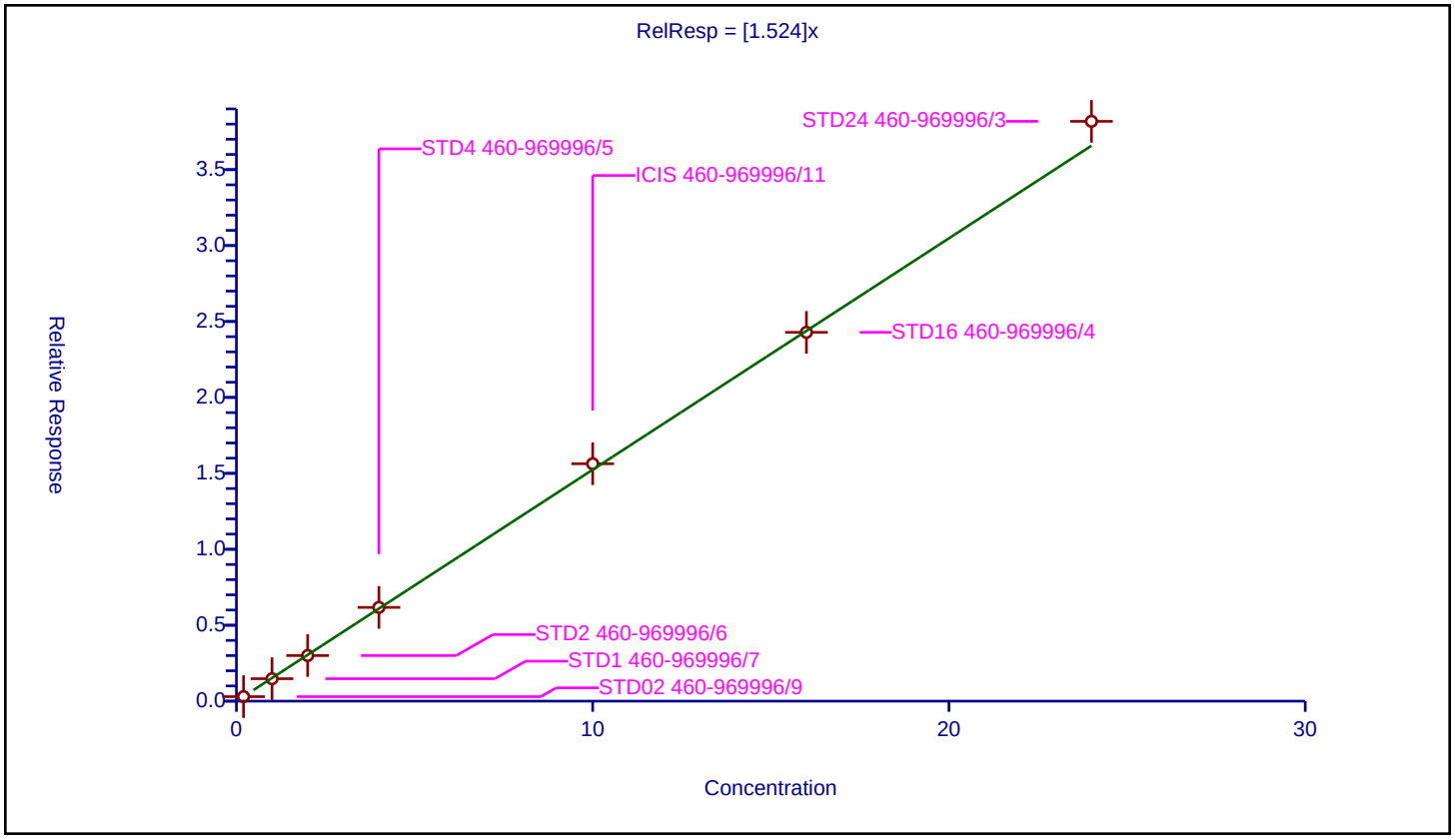
Curve Coefficients

Intercept:	0
Slope:	1.524

Error Coefficients

Relative Standard Deviation:	2.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-969996/9	0.2	0.294803	8.0	655028.0	1.474013	Y
2	STD1 460-969996/7	1.0	1.477297	8.0	739686.0	1.477297	Y
3	STD2 460-969996/6	2.0	3.002044	8.0	705562.0	1.501022	Y
4	STD4 460-969996/5	4.0	6.172897	8.0	730100.0	1.543224	Y
5	ICIS 460-969996/11	10.0	15.63227	8.0	673821.0	1.563227	Y
6	STD16 460-969996/4	16.0	24.286523	8.0	739152.0	1.517908	Y
7	STD24 460-969996/3	24.0	38.180179	8.0	712545.0	1.590841	Y



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Calibration / Bisphenol-A

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

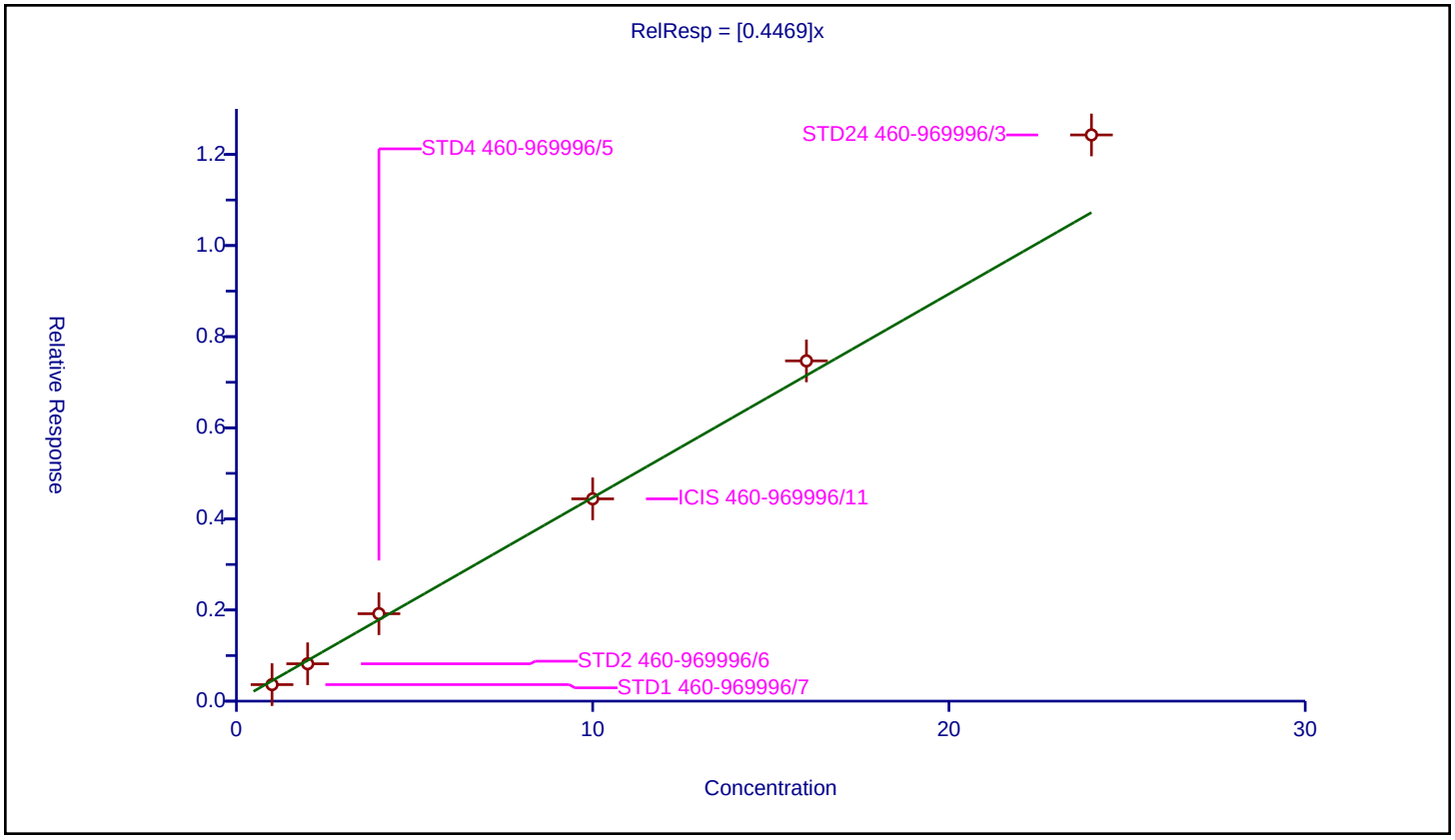
Curve Coefficients

Intercept:	0
Slope:	0.4469

Error Coefficients

Relative Standard Deviation:	12.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969996/7	1.0	0.362521	8.0	739686.0	0.362521	Y
2	STD2 460-969996/6	2.0	0.820554	8.0	705562.0	0.410277	Y
3	STD4 460-969996/5	4.0	1.918981	8.0	730100.0	0.479745	Y
4	ICIS 460-969996/11	10.0	4.440515	8.0	673821.0	0.444051	Y
5	STD16 460-969996/4	16.0	7.468905	8.0	739152.0	0.466807	Y
6	STD24 460-969996/3	24.0	12.428374	8.0	712545.0	0.517849	Y



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Calibration / Terphenyl-d14

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

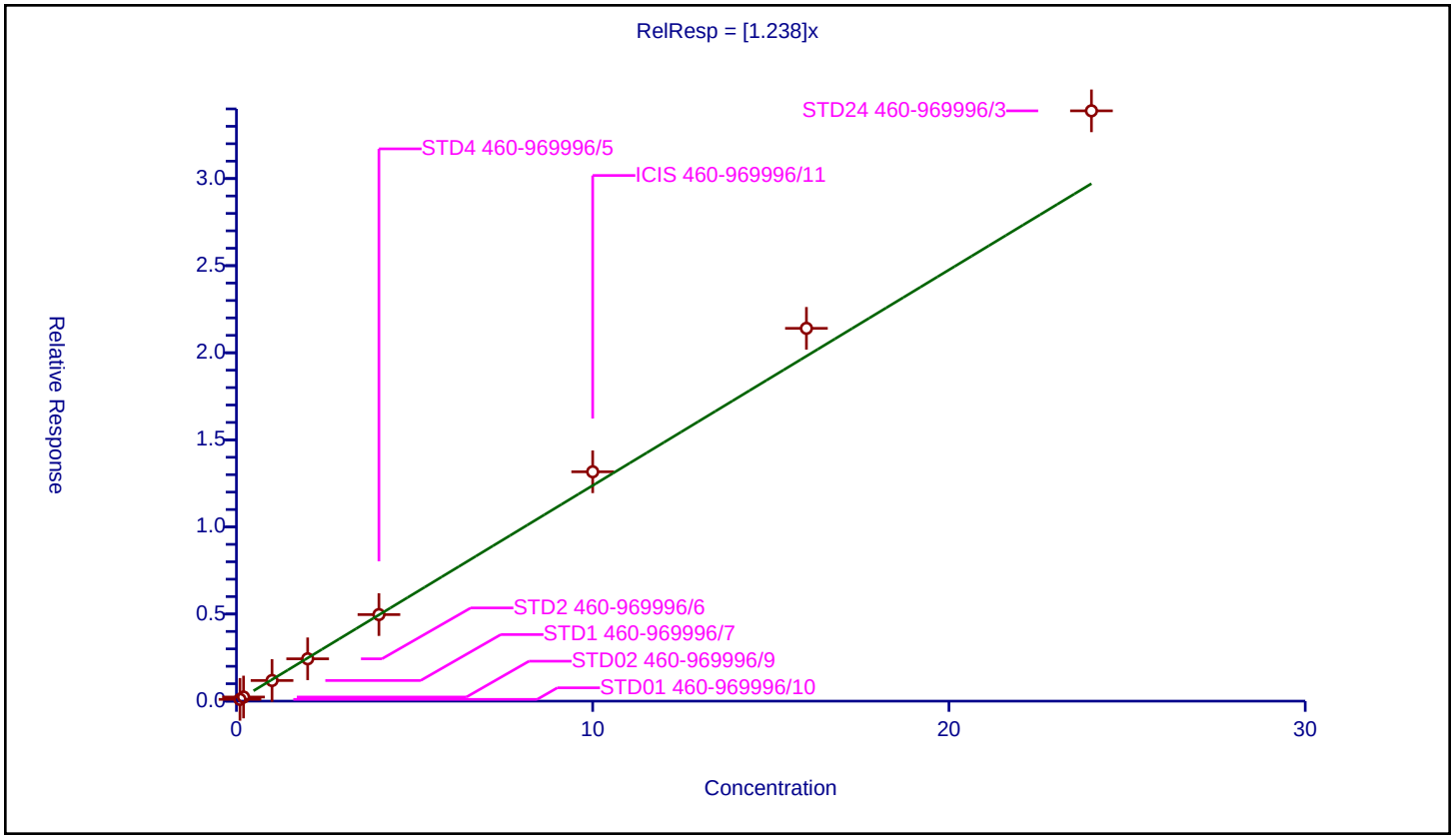
Curve Coefficients

Intercept:	0
Slope:	1.238

Error Coefficients

Relative Standard Deviation:	9.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-969996/10	0.1	0.10167	8.0	702507.0	1.016702	Y
2	STD02 460-969996/9	0.2	0.235801	8.0	655028.0	1.179003	Y
3	STD1 460-969996/7	1.0	1.184146	8.0	739686.0	1.184146	Y
4	STD2 460-969996/6	2.0	2.429938	8.0	705562.0	1.214969	Y
5	STD4 460-969996/5	4.0	4.968613	8.0	730100.0	1.242153	Y
6	ICIS 460-969996/11	10.0	13.166998	8.0	673821.0	1.3167	Y
7	STD16 460-969996/4	16.0	21.40218	8.0	739152.0	1.337636	Y
8	STD24 460-969996/3	24.0	33.887971	8.0	712545.0	1.411999	Y



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Calibration / Butyl benzyl phthalate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

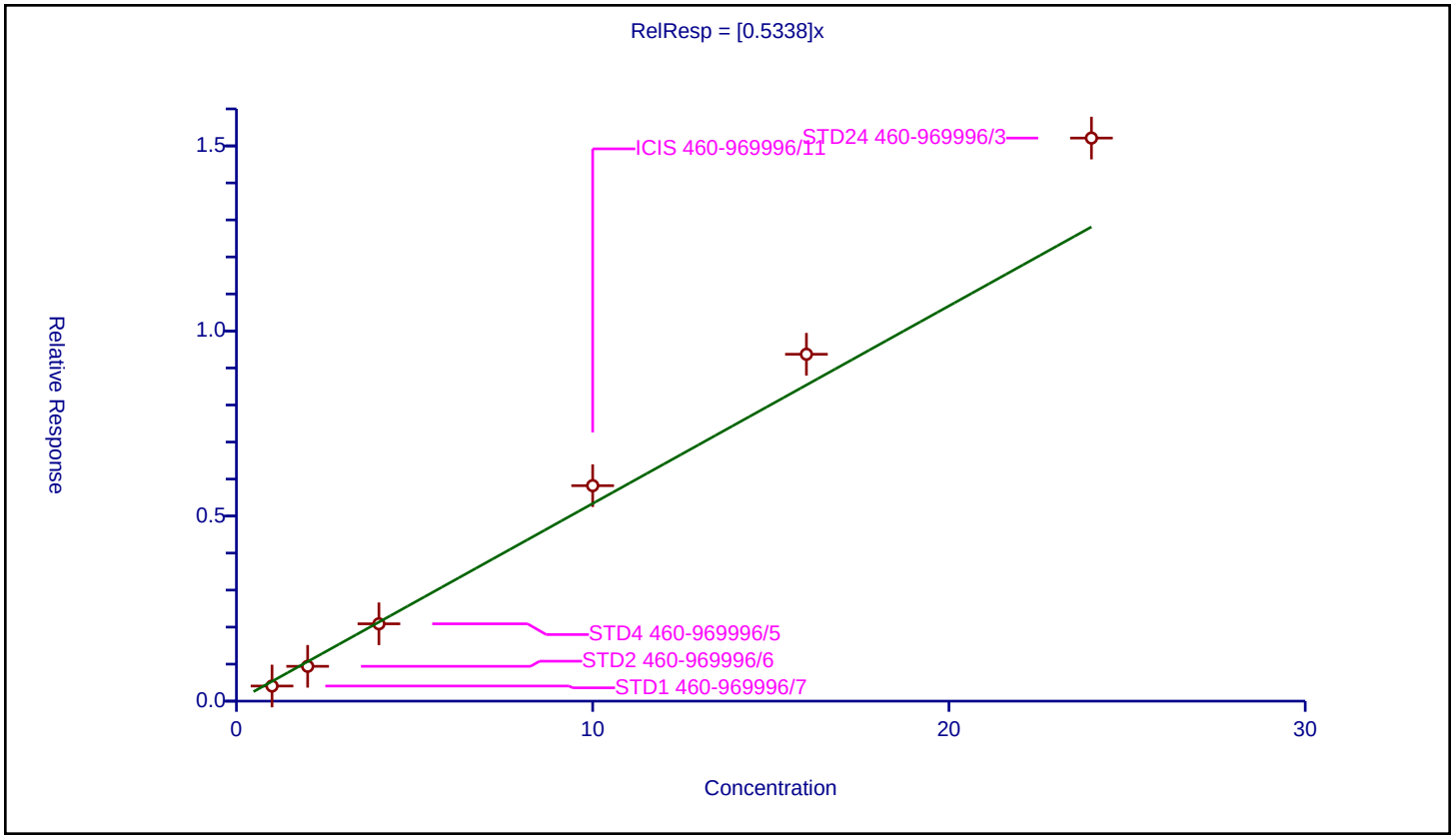
Curve Coefficients

Intercept:	0
Slope:	0.5338

Error Coefficients

Relative Standard Deviation:	15.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969996/7	1.0	0.408573	8.0	739686.0	0.408573	Y
2	STD2 460-969996/6	2.0	0.940844	8.0	705562.0	0.470422	Y
3	STD4 460-969996/5	4.0	2.088886	8.0	730100.0	0.522222	Y
4	ICIS 460-969996/11	10.0	5.821689	8.0	673821.0	0.582169	Y
5	STD16 460-969996/4	16.0	9.37142	8.0	739152.0	0.585714	Y
6	STD24 460-969996/3	24.0	15.211873	8.0	712545.0	0.633828	Y



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Calibration / 2,3,7,8-TCDD

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

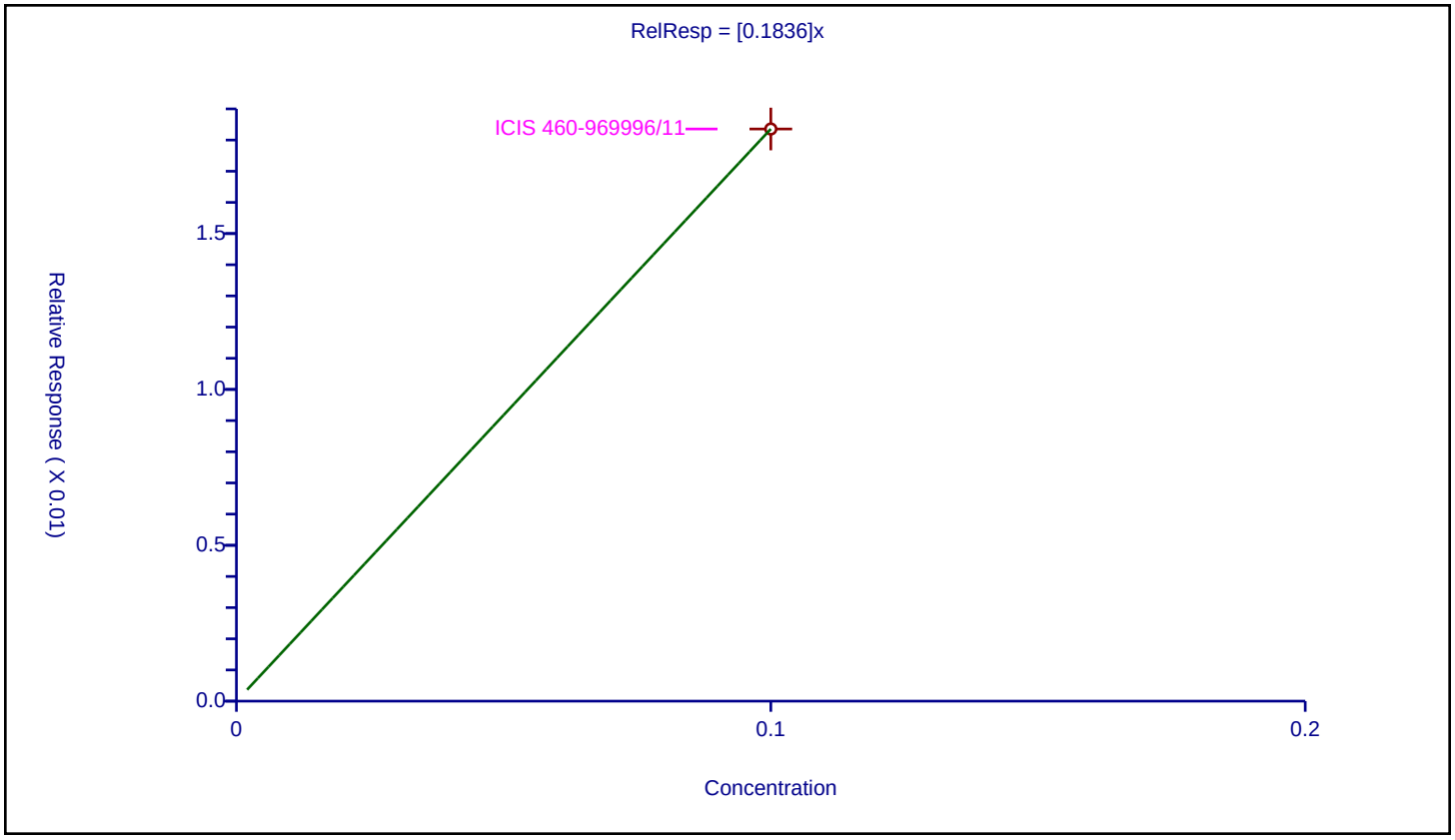
Curve Coefficients

Intercept:	0
Slope:	0.1836

Error Coefficients

Relative Standard Deviation:	0.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	ICIS 460-969996/11	0.1	0.018355	8.0	673821.0	0.18355	Y



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Calibration / Carbamazepine

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

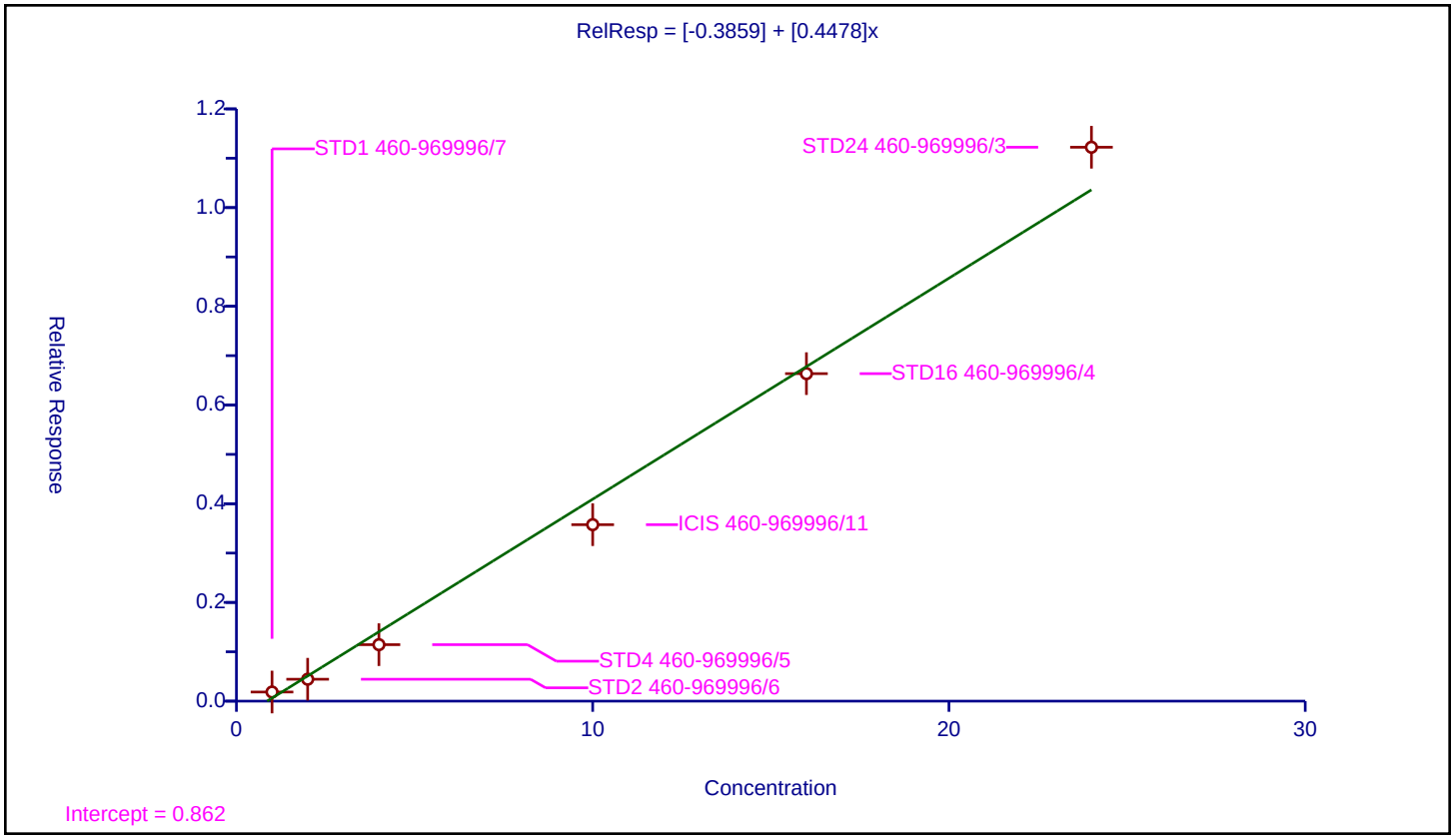
Curve Coefficients

Intercept:	-0.3859
Slope:	0.4478

Error Coefficients

Relative Standard Deviation:	17.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969996/7	1.0	0.184576	8.0	739686.0	0.184576	Y
2	STD2 460-969996/6	2.0	0.443845	8.0	705562.0	0.221922	Y
3	STD4 460-969996/5	4.0	1.144249	8.0	730100.0	0.286062	Y
4	ICIS 460-969996/11	10.0	3.575371	8.0	673821.0	0.357537	Y
5	STD16 460-969996/4	16.0	6.63595	8.0	739152.0	0.414747	Y
6	STD24 460-969996/3	24.0	11.222971	8.0	712545.0	0.467624	Y



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Calibration / Benzo[a]anthracene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

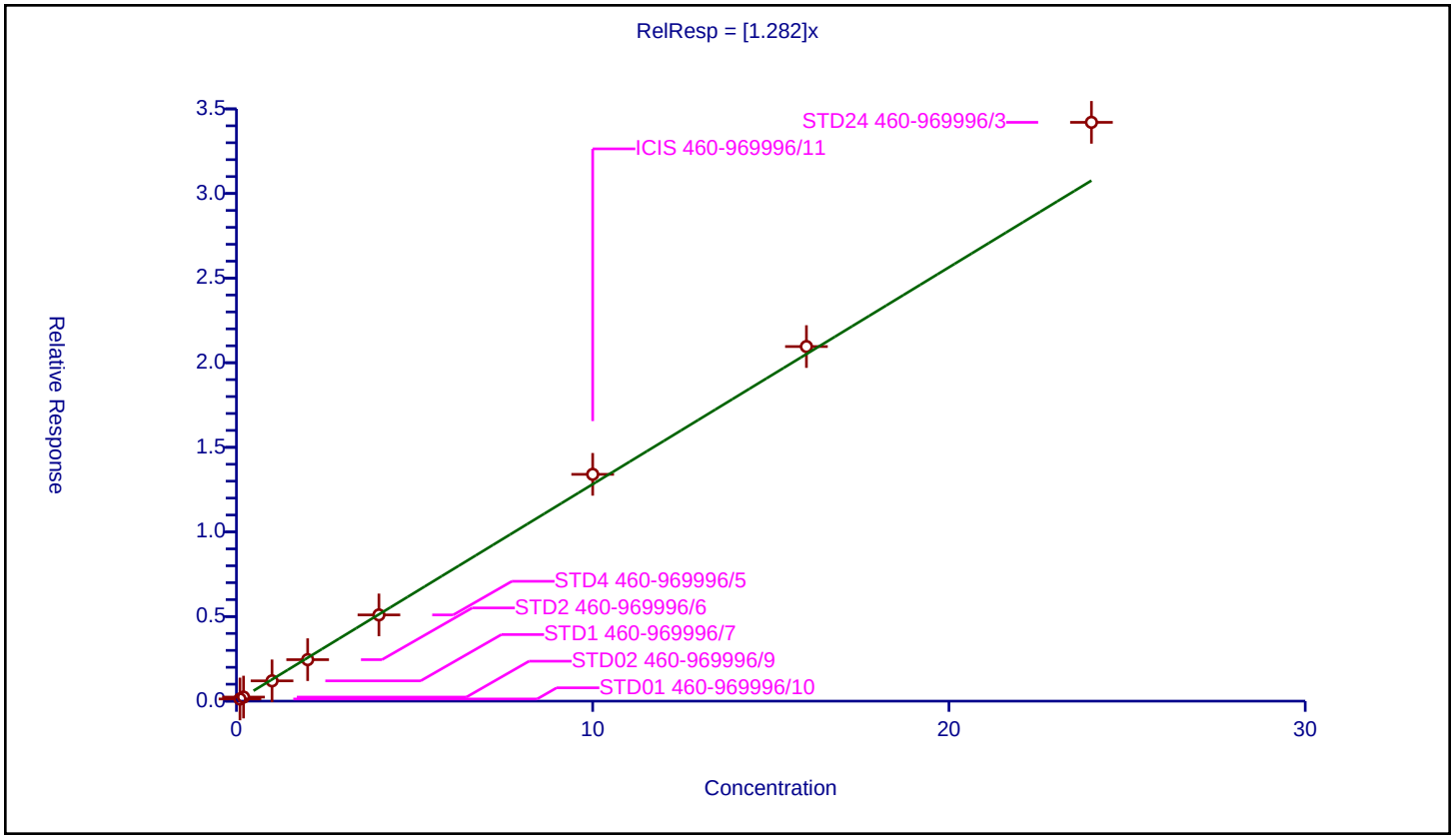
Curve Coefficients

Intercept:	0
Slope:	1.282

Error Coefficients

Relative Standard Deviation:	6.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-969996/10	0.1	0.127805	8.0	702507.0	1.278051	Y
2	STD02 460-969996/9	0.2	0.240771	8.0	655028.0	1.203857	Y
3	STD1 460-969996/7	1.0	1.198206	8.0	739686.0	1.198206	Y
4	STD2 460-969996/6	2.0	2.451243	8.0	705562.0	1.225622	Y
5	STD4 460-969996/5	4.0	5.095817	8.0	730100.0	1.273954	Y
6	ICIS 460-969996/11	10.0	13.403857	8.0	673821.0	1.340386	Y
7	STD16 460-969996/4	16.0	20.954618	8.0	739152.0	1.309664	Y
8	STD24 460-969996/3	24.0	34.205626	8.0	712545.0	1.425234	Y



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Calibration / 3,3'-Dichlorobenzidine

Curve Type:	Quadratic
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

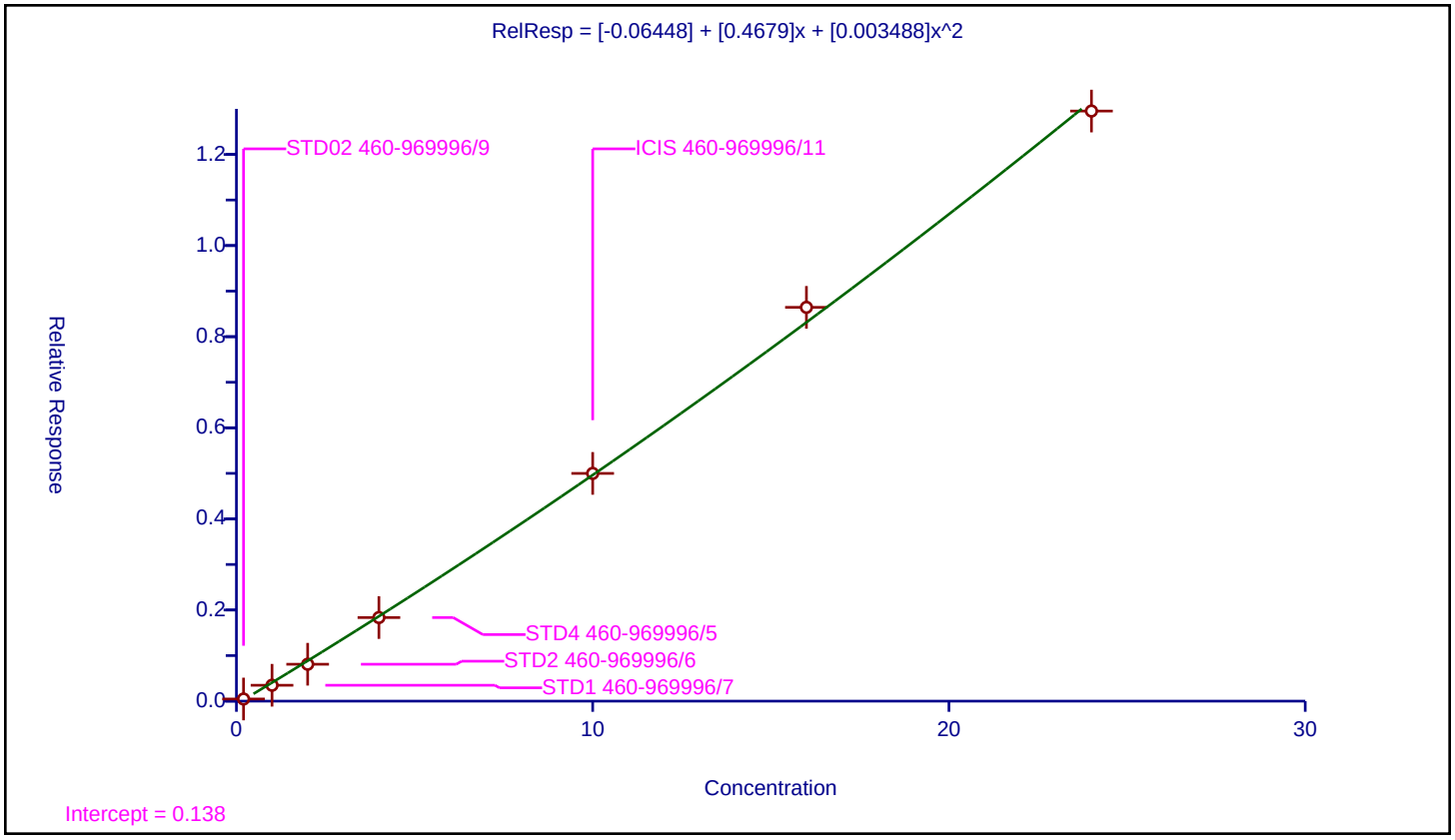
Curve Coefficients

Intercept:	-0.06448
Slope:	0.4679
Second Order:	0.003488

Error Coefficients

Relative Standard Deviation:	12.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-969996/9	0.2	0.046789	8.0	655028.0	0.233944	Y
2	STD1 460-969996/7	1.0	0.348807	8.0	739686.0	0.348807	Y
3	STD2 460-969996/6	2.0	0.810214	8.0	705562.0	0.405107	Y
4	STD4 460-969996/5	4.0	1.834664	8.0	730100.0	0.458666	Y
5	ICIS 460-969996/11	10.0	4.998954	8.0	673821.0	0.499895	Y
6	STD16 460-969996/4	16.0	8.643981	8.0	739152.0	0.540249	Y
7	STD24 460-969996/3	24.0	12.952917	8.0	712545.0	0.539705	Y



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Calibration / Chrysene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

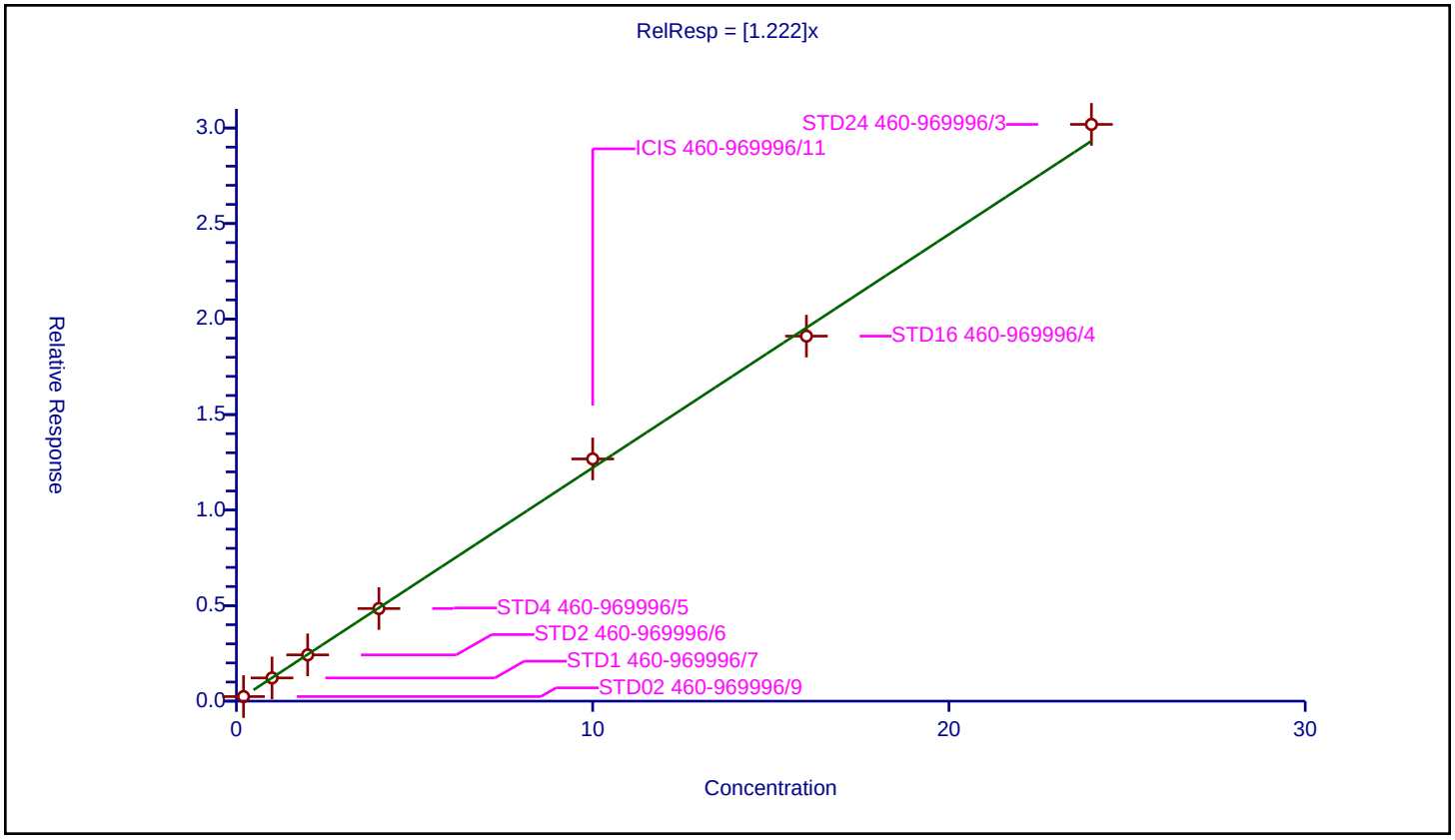
Curve Coefficients

Intercept:	0
Slope:	1.222

Error Coefficients

Relative Standard Deviation:	2.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-969996/9	0.2	0.23872	8.0	655028.0	1.193598	Y
2	STD1 460-969996/7	1.0	1.215251	8.0	739686.0	1.215251	Y
3	STD2 460-969996/6	2.0	2.421627	8.0	705562.0	1.210814	Y
4	STD4 460-969996/5	4.0	4.847489	8.0	730100.0	1.211872	Y
5	ICIS 460-969996/11	10.0	12.677135	8.0	673821.0	1.267714	Y
6	STD16 460-969996/4	16.0	19.106749	8.0	739152.0	1.194172	Y
7	STD24 460-969996/3	24.0	30.188667	8.0	712545.0	1.257861	Y



Calibration / Bis(2-ethylhexyl) phthalate

Curve Type:	Quadratic
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

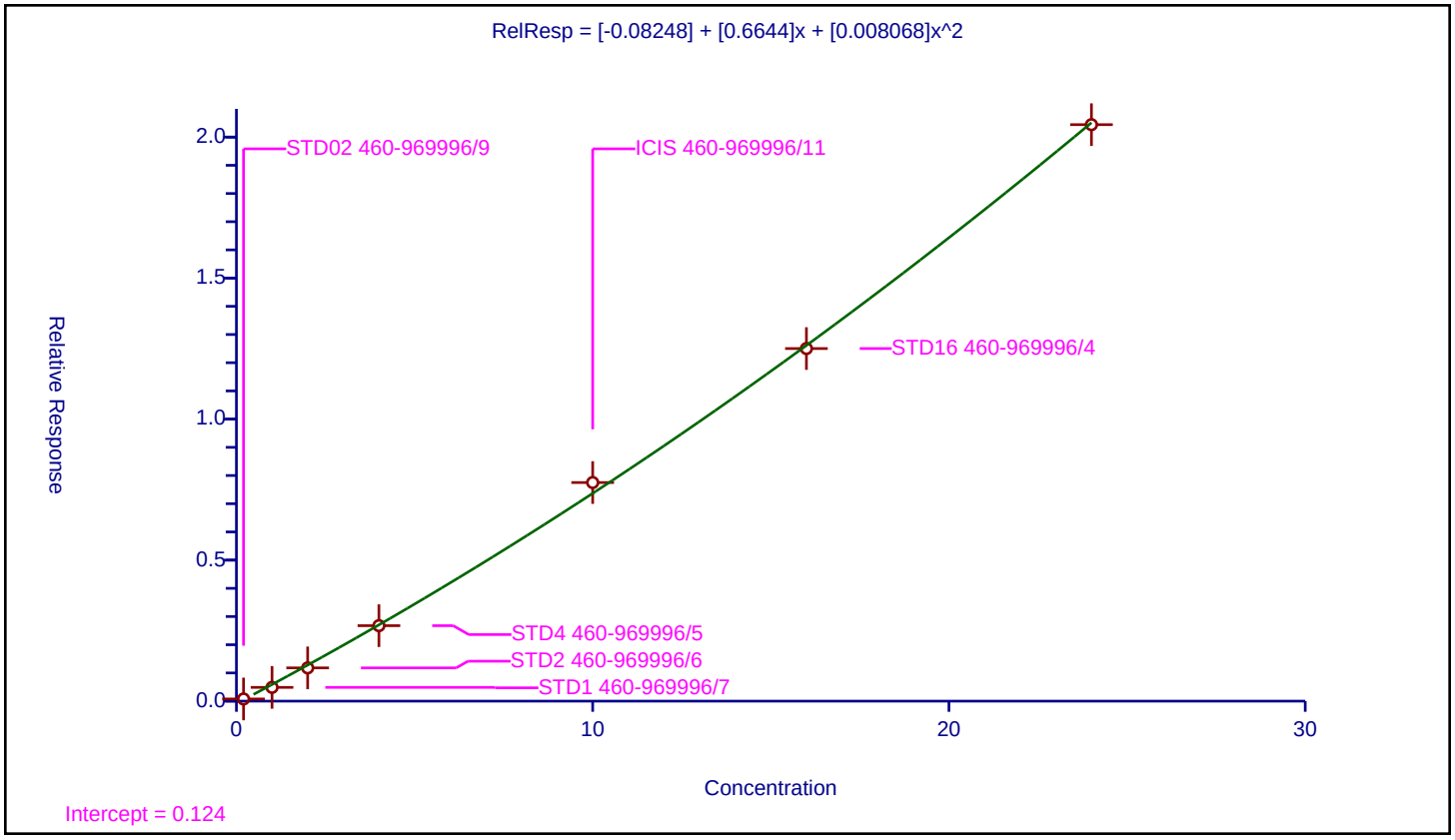
Curve Coefficients

Intercept:	-0.08248
Slope:	0.6644
Second Order:	0.008068

Error Coefficients

Relative Standard Deviation:	13.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD02 460-969996/9	0.2	0.076748	8.0	655028.0	0.383739	Y
2	STD1 460-969996/7	1.0	0.487969	8.0	739686.0	0.487969	Y
3	STD2 460-969996/6	2.0	1.179202	8.0	705562.0	0.589601	Y
4	STD4 460-969996/5	4.0	2.676324	8.0	730100.0	0.669081	Y
5	ICIS 460-969996/11	10.0	7.750782	8.0	673821.0	0.775078	Y
6	STD16 460-969996/4	16.0	12.501894	8.0	739152.0	0.781368	Y
7	STD24 460-969996/3	24.0	20.441353	8.0	712545.0	0.851723	Y



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Calibration / Di-n-octyl phthalate

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

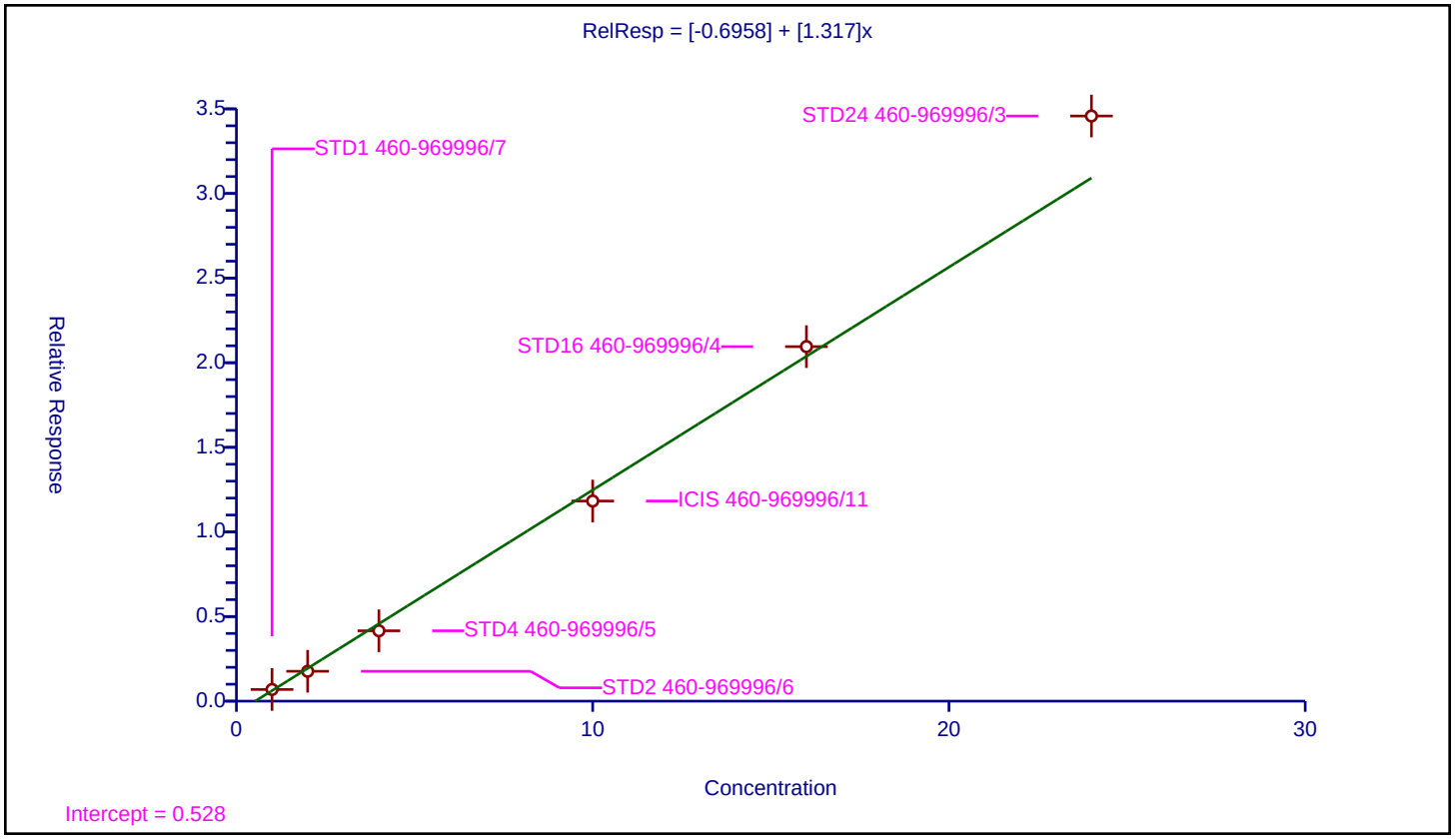
Curve Coefficients

Intercept:	-0.6958
Slope:	1.317

Error Coefficients

Relative Standard Deviation:	8.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-969996/7	1.0	0.688651	8.0	726905.0	0.688651	Y
2	STD2 460-969996/6	2.0	1.764518	8.0	696725.0	0.882259	Y
3	STD4 460-969996/5	4.0	4.15744	8.0	713645.0	1.03936	Y
4	ICIS 460-969996/11	10.0	11.825937	8.0	672195.0	1.182594	Y
5	STD16 460-969996/4	16.0	20.950982	8.0	700514.0	1.309436	Y
6	STD24 460-969996/3	24.0	34.578706	8.0	683369.0	1.440779	Y



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Calibration / Benzo[b]fluoranthene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

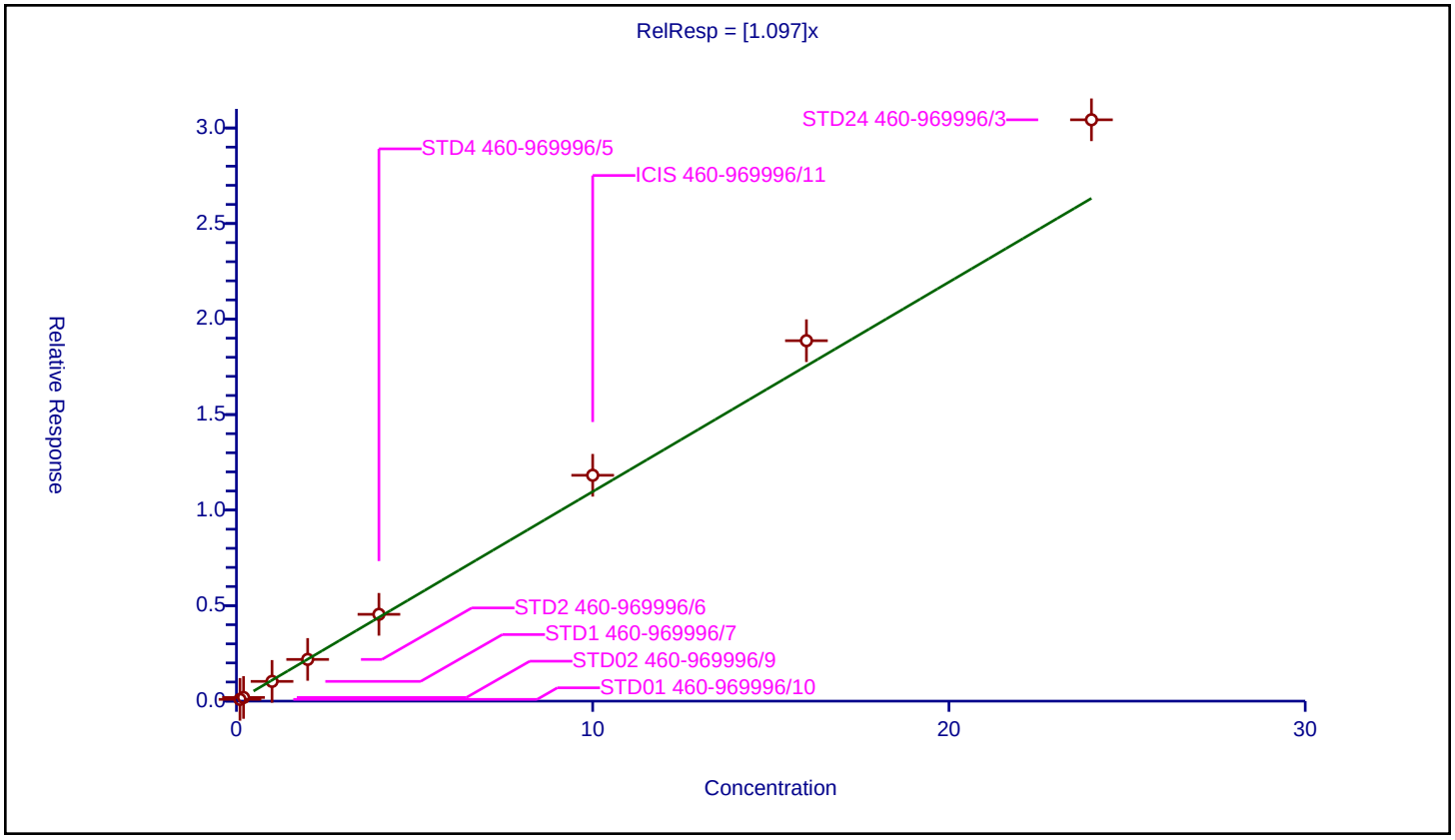
Curve Coefficients

Intercept:	0
Slope:	1.097

Error Coefficients

Relative Standard Deviation:	10.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-969996/10	0.1	0.092678	8.0	689869.0	0.926785	Y
2	STD02 460-969996/9	0.2	0.19105	8.0	648040.0	0.95525	Y
3	STD1 460-969996/7	1.0	1.033489	8.0	726905.0	1.033489	Y
4	STD2 460-969996/6	2.0	2.184506	8.0	696725.0	1.092253	Y
5	STD4 460-969996/5	4.0	4.544276	8.0	713645.0	1.136069	Y
6	ICIS 460-969996/11	10.0	11.822534	8.0	672195.0	1.182253	Y
7	STD16 460-969996/4	16.0	18.867426	8.0	700514.0	1.179214	Y
8	STD24 460-969996/3	24.0	30.430248	8.0	683369.0	1.267927	Y



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Calibration / Benzo[k]fluoranthene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

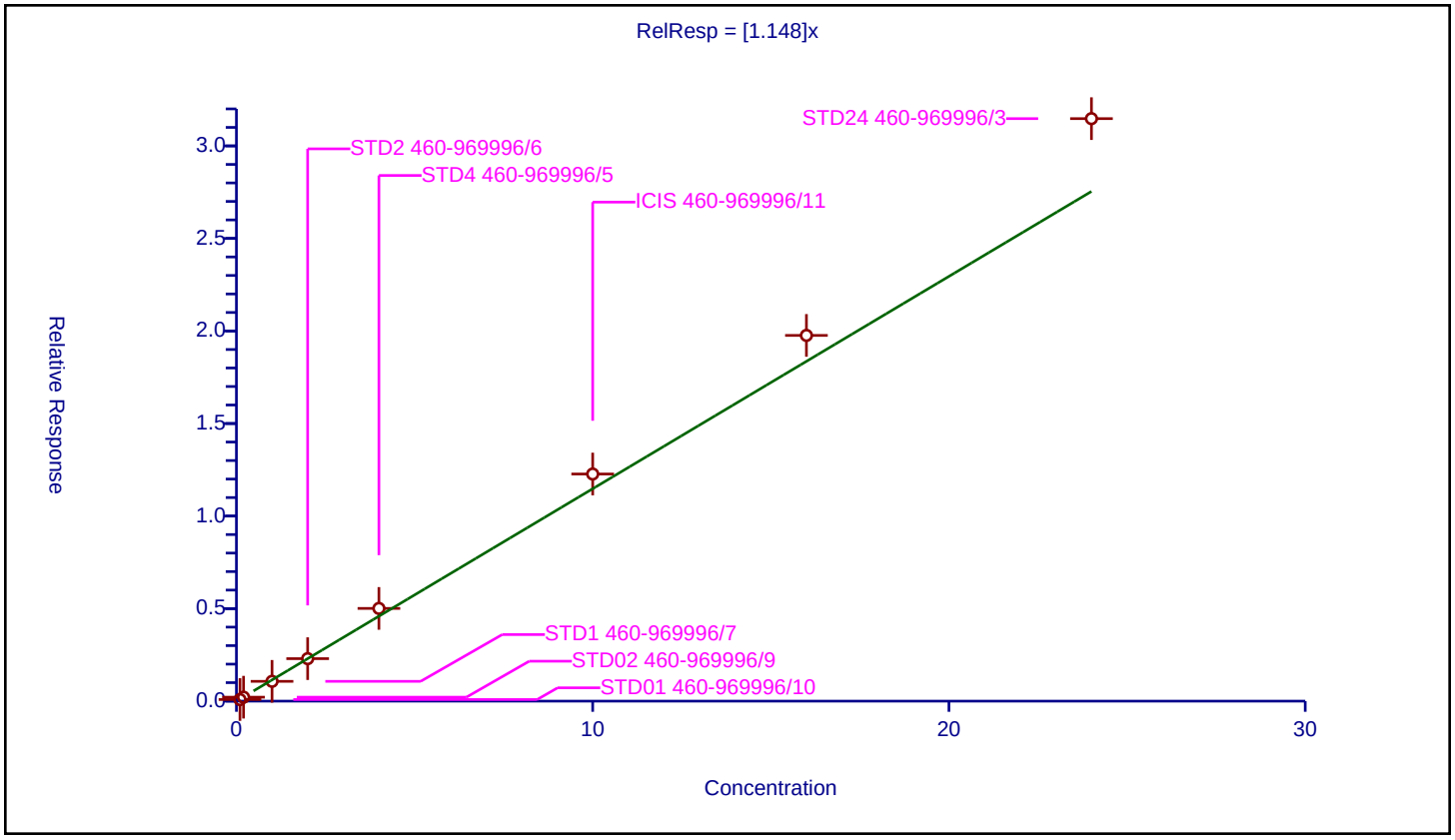
Curve Coefficients

Intercept:	0
Slope:	1.148

Error Coefficients

Relative Standard Deviation:	12.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-969996/10	0.1	0.087089	8.0	689869.0	0.87089	Y
2	STD02 460-969996/9	0.2	0.21311	8.0	648040.0	1.065552	Y
3	STD1 460-969996/7	1.0	1.069895	8.0	726905.0	1.069895	Y
4	STD2 460-969996/6	2.0	2.295712	8.0	696725.0	1.147856	Y
5	STD4 460-969996/5	4.0	5.009505	8.0	713645.0	1.252376	Y
6	ICIS 460-969996/11	10.0	12.271915	8.0	672195.0	1.227192	Y
7	STD16 460-969996/4	16.0	19.761033	8.0	700514.0	1.235065	Y
8	STD24 460-969996/3	24.0	31.472988	8.0	683369.0	1.311374	Y



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Calibration / Benzo[a]pyrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

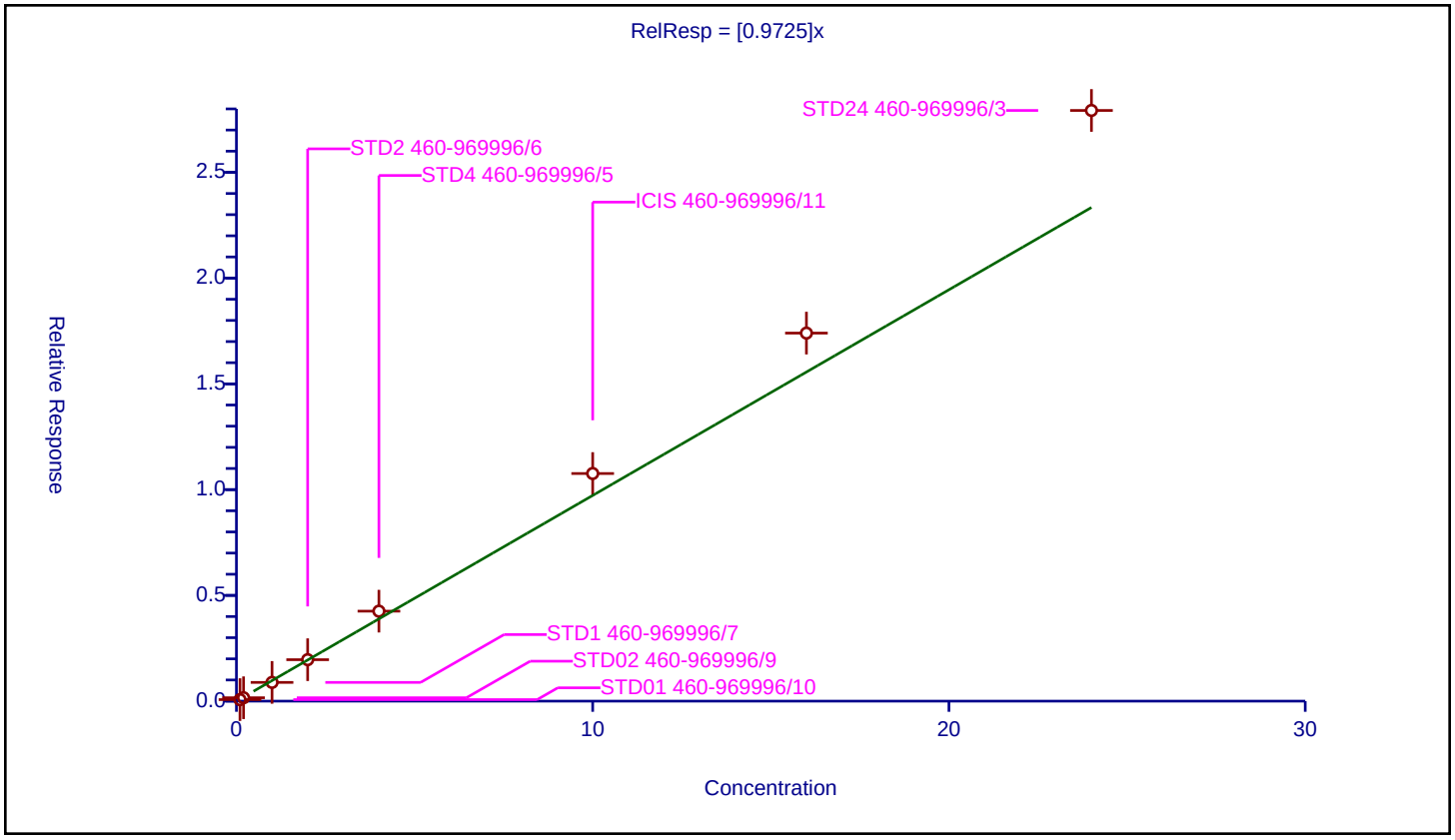
Curve Coefficients

Intercept:	0
Slope:	0.9725

Error Coefficients

Relative Standard Deviation:	16.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-969996/10	0.1	0.072072	8.0	689869.0	0.720717	Y
2	STD02 460-969996/9	0.2	0.160595	8.0	648040.0	0.802975	Y
3	STD1 460-969996/7	1.0	0.885453	8.0	726905.0	0.885453	Y
4	STD2 460-969996/6	2.0	1.960418	8.0	696725.0	0.980209	Y
5	STD4 460-969996/5	4.0	4.253678	8.0	713645.0	1.063419	Y
6	ICIS 460-969996/11	10.0	10.76183	8.0	672195.0	1.076183	Y
7	STD16 460-969996/4	16.0	17.39951	8.0	700514.0	1.087469	Y
8	STD24 460-969996/3	24.0	27.925223	8.0	683369.0	1.163551	Y



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Calibration / Indeno[1,2,3-cd]pyrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

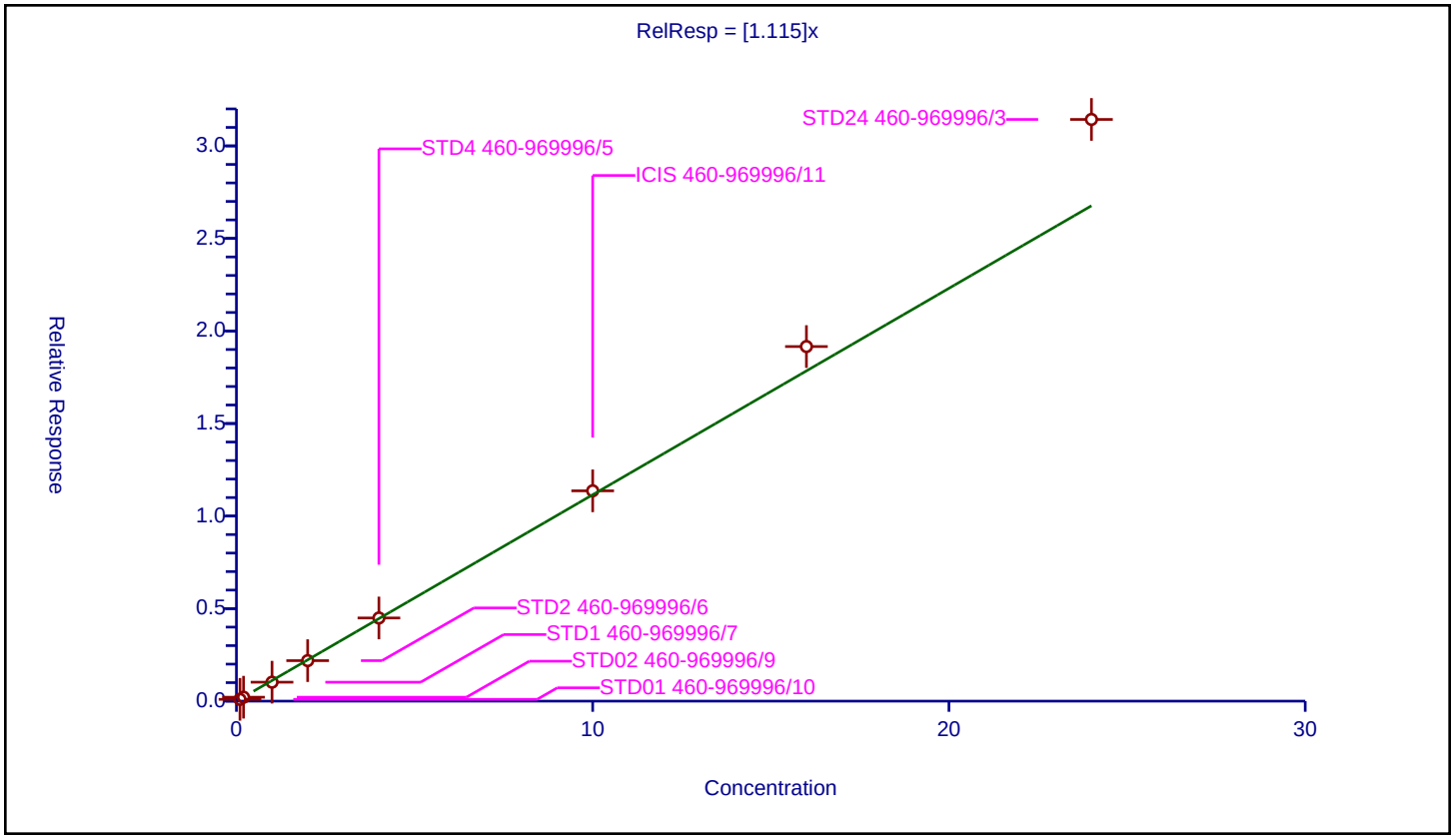
Curve Coefficients

Intercept:	0
Slope:	1.115

Error Coefficients

Relative Standard Deviation:	9.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-969996/10	0.1	0.097769	8.0	689869.0	0.977693	Y
2	STD02 460-969996/9	0.2	0.211876	8.0	648040.0	1.059379	Y
3	STD1 460-969996/7	1.0	1.024574	8.0	726905.0	1.024574	Y
4	STD2 460-969996/6	2.0	2.187423	8.0	696725.0	1.093711	Y
5	STD4 460-969996/5	4.0	4.493495	8.0	713645.0	1.123374	Y
6	ICIS 460-969996/11	10.0	11.36381	8.0	672195.0	1.136381	Y
7	STD16 460-969996/4	16.0	19.159794	8.0	700514.0	1.197487	Y
8	STD24 460-969996/3	24.0	31.429743	8.0	683369.0	1.309573	Y



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Calibration / Dibenz(a,h)anthracene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

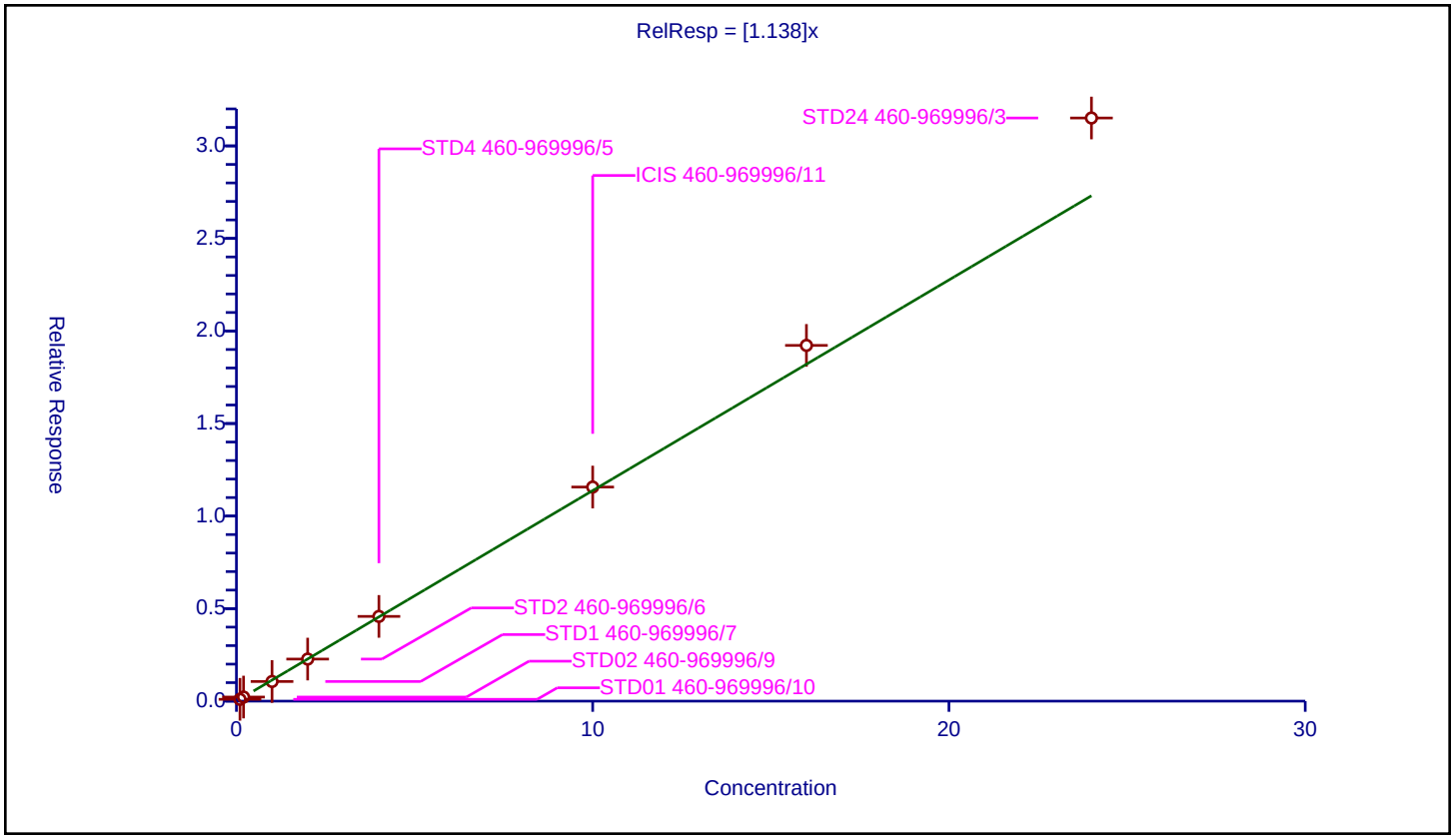
Curve Coefficients

Intercept:	0
Slope:	1.138

Error Coefficients

Relative Standard Deviation:	8.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-969996/10	0.1	0.098198	8.0	689869.0	0.981984	Y
2	STD02 460-969996/9	0.2	0.22148	8.0	648040.0	1.107401	Y
3	STD1 460-969996/7	1.0	1.061355	8.0	726905.0	1.061355	Y
4	STD2 460-969996/6	2.0	2.2723	8.0	696725.0	1.13615	Y
5	STD4 460-969996/5	4.0	4.578018	8.0	713645.0	1.144505	Y
6	ICIS 460-969996/11	10.0	11.567739	8.0	672195.0	1.156774	Y
7	STD16 460-969996/4	16.0	19.220664	8.0	700514.0	1.201291	Y
8	STD24 460-969996/3	24.0	31.508447	8.0	683369.0	1.312852	Y



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Calibration / Benzo[g,h,i]perylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

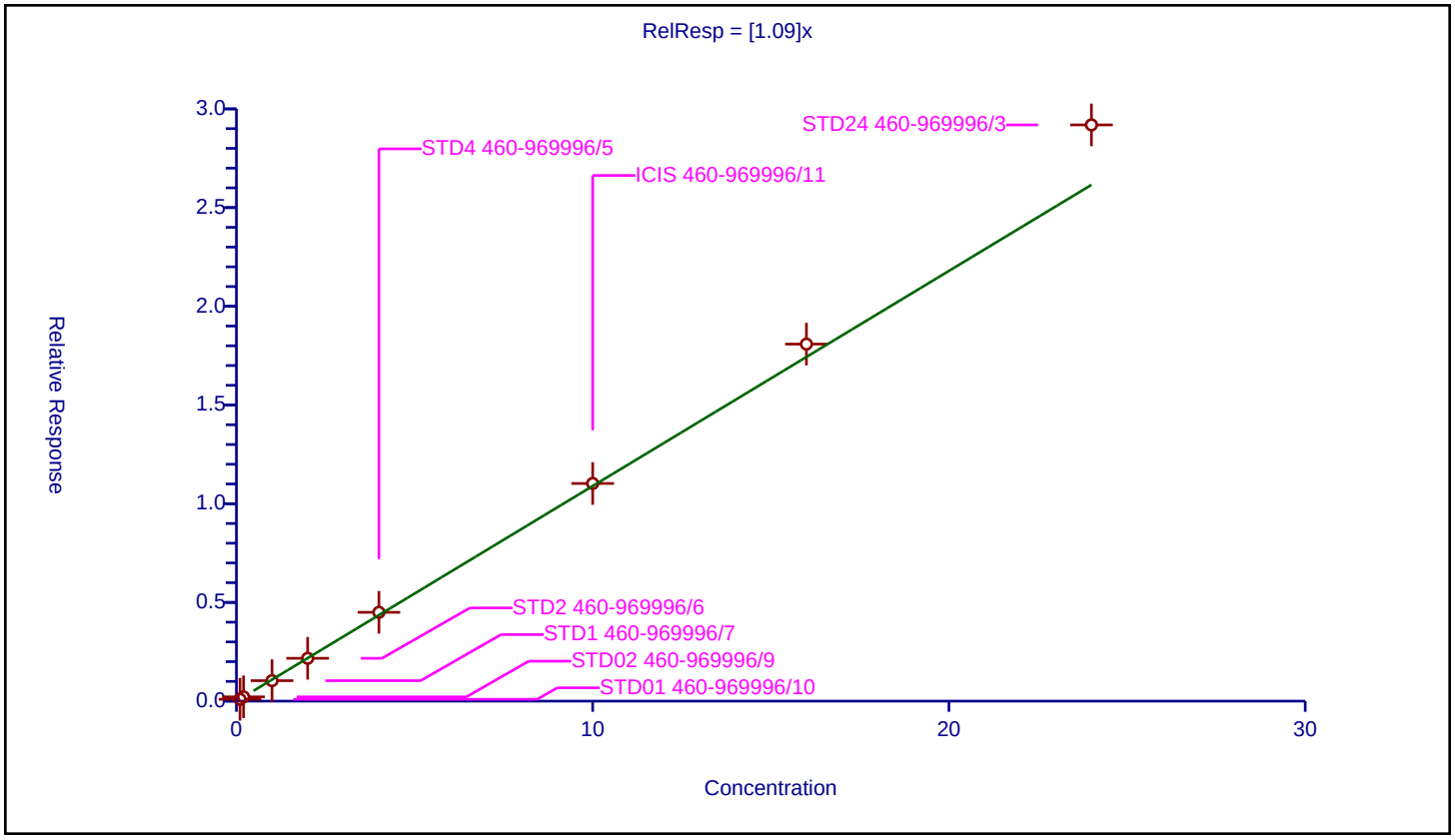
Curve Coefficients

Intercept:	0
Slope:	1.09

Error Coefficients

Relative Standard Deviation:	7.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD01 460-969996/10	0.1	0.093954	8.0	689869.0	0.939541	Y
2	STD02 460-969996/9	0.2	0.216443	8.0	648040.0	1.082217	Y
3	STD1 460-969996/7	1.0	1.036592	8.0	726905.0	1.036592	Y
4	STD2 460-969996/6	2.0	2.169717	8.0	696725.0	1.084858	Y
5	STD4 460-969996/5	4.0	4.499671	8.0	713645.0	1.124918	Y
6	ICIS 460-969996/11	10.0	11.026098	8.0	672195.0	1.10261	Y
7	STD16 460-969996/4	16.0	18.086057	8.0	700514.0	1.130379	Y
8	STD24 460-969996/3	24.0	29.189735	8.0	683369.0	1.216239	Y



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FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison | Job No.: 460-303245-1

SDG No.:

Lab Sample ID: ICV 460-971611/11 | Calibration Date: 04/26/2024 09:37

Instrument ID: CBNAMS11 | Calib Start Date: 04/26/2024 06:16

GC Column: Rtxi-5Sil MS ID: 0.25(mm) | Calib End Date: 04/26/2024 09:15

Lab File ID: Z85459.d | Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.4892	0.4823		49300	50000	-1.4	30.0
N-Nitrosodimethylamine	Ave	0.7358	0.7747		52600	50000	5.3	30.0
Pyridine	Ave	1.106	1.194		108000	100000	8.0	30.0
Benzaldehyde	Ave	1.009	0.8174	0.0100	16200	20000	-19.0	30.0
Phenol	Ave	1.677	1.718	0.8000	51200	50000	2.5	30.0
Aniline	Ave	1.918	2.006		52300	50000	4.6	30.0
Bis(2-chloroethyl)ether	Ave	1.308	1.324	0.7000	50600	50000	1.3	30.0
2-Chlorophenol	Ave	1.385	1.444	0.8000	52100	50000	4.3	30.0
n-Decane	Ave	1.164	1.167		50100	50000	0.3	30.0
1,3-Dichlorobenzene	Ave	1.500	1.583		52800	50000	5.6	30.0
1,4-Dichlorobenzene	Ave	1.538	1.592		51800	50000	3.5	30.0
Benzyl alcohol	Ave	0.8590	0.9305		54200	50000	8.3	30.0
1,2-Dichlorobenzene	Ave	1.453	1.520		52300	50000	4.6	30.0
2-Methylphenol	Ave	1.194	1.238	0.7000	51800	50000	3.7	30.0
2,2'-oxybis[1-chloropropane]	Ave	1.565	1.568	0.0100	50100	50000	0.2	30.0
N-Methylaniline	Ave	2.048	2.056		50200	50000	0.4	30.0
Acetophenone	Ave	1.867	1.930	0.0100	51700	50000	3.4	30.0
N-Nitrosodi-n-propylamine	Ave	0.8848	0.9356	0.5000	52900	50000	5.7	30.0
3 & 4 Methylphenol	Ave	1.356	1.430		52700	50000	5.4	30.0
4-Methylphenol	Ave	1.356	1.430	0.6000	52700	50000	5.4	30.0
Hexachloroethane	Ave	0.5289	0.5518	0.3000	52200	50000	4.3	30.0
n,n'-Dimethylaniline	Ave	2.057	2.080		50600	50000	1.2	30.0
Nitrobenzene	Ave	0.6464	0.7178	0.2000	55500	50000	11.1	30.0
Isophorone	Ave	0.6281	0.6517	0.4000	51900	50000	3.8	30.0
2-Nitrophenol	Ave	0.2003	0.2094	0.1000	52300	50000	4.6	30.0
2,4-Dimethylphenol	Ave	0.2599	0.2729	0.2000	52500	50000	5.0	30.0
Bis(2-chloroethoxy)methane	Ave	0.4106	0.4269	0.3000	52000	50000	4.0	30.0
Benzoic acid	Lin2		0.2409		51400	50000	2.8	30.0
2,4-Dichlorophenol	Ave	0.2917	0.3160	0.2000	54200	50000	8.3	30.0
1,2,4-Trichlorobenzene	Ave	0.3279	0.3492		53200	50000	6.5	30.0
Naphthalene	Ave	1.036	1.084	0.7000	52300	50000	4.6	30.0
4-Chloroaniline	Ave	0.4344	0.4659	0.0100	53600	50000	7.3	30.0
Hexachlorobutadiene	Ave	0.1908	0.2026	0.0100	53100	50000	6.2	30.0
Caprolactam	Lin1		0.1013	0.0100	17100	20000	-14.6	30.0
4-Chloro-3-methylphenol	Ave	0.2781	0.2943	0.2000	52900	50000	5.8	30.0
2-Methylnaphthalene	Ave	0.6933	0.7285	0.4000	52500	50000	5.1	30.0
1-Methylnaphthalene	Ave	0.6356	0.6590		51800	50000	3.7	30.0
Hexachlorocyclopentadiene	Ave	0.3518	0.3840	0.0500	54600	50000	9.1	30.0
1,2,4,5-Tetrachlorobenzene	Ave	0.6113	0.6477	0.0100	53000	50000	5.9	30.0
2-tertbutyl-4-methylphenol	Ave	0.4251	0.4320		50800	50000	1.6	30.0
2,4,6-Trichlorophenol	Ave	0.4028	0.4411	0.2000	54800	50000	9.5	30.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison | Job No.: 460-303245-1

SDG No.:

Lab Sample ID: ICV 460-971611/11 | Calibration Date: 04/26/2024 09:37

Instrument ID: CBNAMS11 | Calib Start Date: 04/26/2024 06:16

GC Column: Rtxi-5Sil MS ID: 0.25(mm) | Calib End Date: 04/26/2024 09:15

Lab File ID: Z85459.d | Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,4,5-Trichlorophenol	Ave	0.4484	0.4781	0.2000	53300	50000	6.6	30.0
1,1'-Biphenyl	Ave	1.508	1.578	0.0100	52300	50000	4.7	30.0
2-Chloronaphthalene	Ave	1.189	1.249	0.8000	52500	50000	5.0	30.0
Phenyl ether	Ave	0.8659	0.8625		49800	50000	-0.4	30.0
2-Nitroaniline	Ave	0.3087	0.3215	0.0100	52100	50000	4.1	30.0
1,3-Dimethylnaphthalene	Ave	0.9635	0.9613		49900	50000	-0.2	30.0
Dimethyl phthalate	Ave	1.347	1.417	0.0100	52600	50000	5.2	30.0
Coumarin	Ave	0.2622	0.2704		51600	50000	3.1	30.0
2,6-Dinitrotoluene	Ave	0.3060	0.3392	0.2000	55400	50000	10.9	30.0
Acenaphthylene	Ave	1.818	1.922	0.9000	52900	50000	5.7	30.0
3-Nitroaniline	Ave	0.3733	0.3854	0.0100	51600	50000	3.2	30.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.011	1.020		50500	50000	0.9	30.0
Acenaphthene	Ave	1.092	1.142	0.9000	52300	50000	4.5	30.0
2,4-Dinitrophenol	Lin1		0.2216	0.0100	105000	100000	5.2	30.0
4-Nitrophenol	Ave	0.2054	0.2177	0.0100	106000	100000	6.0	30.0
Dibenzofuran	Ave	1.710	1.793	0.8000	52400	50000	4.8	30.0
2,4-Dinitrotoluene	Ave	0.4067	0.4502	0.2000	55300	50000	10.7	30.0
2,3,4,6-Tetrachlorophenol	Ave	0.3760	0.4058	0.0100	54000	50000	7.9	30.0
Diethyl phthalate	Ave	1.314	1.368	0.0100	52100	50000	4.2	30.0
Fluorene	Ave	1.349	1.413	0.9000	52400	50000	4.7	30.0
4-Chlorophenyl phenyl ether	Ave	0.6563	0.6958	0.4000	53000	50000	6.0	30.0
4-Nitroaniline	Ave	0.3470	0.3694	0.0100	53200	50000	6.5	30.0
4,6-Dinitro-2-methylphenol	Ave	0.1355	0.1580	0.0100	117000	100000	16.6	30.0
N-Nitrosodiphenylamine	Ave	0.5136	0.5339	0.0100	52000	50000	4.0	30.0
1,2-Diphenylhydrazine	Ave	0.6470	0.6608		51100	50000	2.1	30.0
Azobenzene	Ave	0.6458	0.6608		51200	50000	2.3	20.0
4-Bromophenyl phenyl ether	Ave	0.2250	0.2358	0.1000	52400	50000	4.8	30.0
Hexachlorobenzene	Ave	0.2906	0.3125	0.1000	53800	50000	7.6	30.0
Atrazine	Ave	0.2037	0.2126	0.0100	20900	20000	4.4	30.0
Pentachlorophenol	Ave	0.1806	0.2041	0.0500	113000	100000	13.0	30.0
Pentachloronitrobenzene	Ave	0.0901	0.0933	0.0100	51800	50000	3.5	30.0
n-Octadecane	Ave	0.4126	0.4210		51000	50000	2.0	30.0
Phenanthrene	Ave	1.020	1.067	0.7000	52300	50000	4.6	30.0
Anthracene	Ave	1.052	1.108	0.7000	52700	50000	5.3	30.0
Carbazole	Ave	0.9630	1.000	0.0100	51900	50000	3.9	30.0
Di-n-butyl phthalate	Ave	1.128	1.219	0.0100	54000	50000	8.0	30.0
Fluoranthene	Ave	1.107	1.169	0.6000	52800	50000	5.6	30.0
Benzidine	Ave	0.6057	0.6741		55700	50000	11.3	30.0
Pyrene	Ave	1.365	1.430	0.6000	52400	50000	4.8	30.0
Bisphenol-A	Ave	0.5548	0.5943		53600	50000	7.1	30.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Lab Sample ID: ICV 460-971611/11 Calibration Date: 04/26/2024 09:37

Instrument ID: CBNAMS11 Calib Start Date: 04/26/2024 06:16

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 04/26/2024 09:15

Lab File ID: Z85459.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Butyl benzyl phthalate	Ave	0.5632	0.6009	0.0100	53400	50000	6.7	30.0
Carbamazepine	Ave	0.4565	0.5059		55400	50000	10.8	30.0
Benzo[a]anthracene	Ave	1.316	1.364	0.8000	51800	50000	3.6	30.0
3,3'-Dichlorobenzidine	Ave	0.5272	0.5767	0.0100	54700	50000	9.4	30.0
Chrysene	Ave	1.238	1.300	0.7000	52500	50000	5.0	30.0
Bis(2-ethylhexyl) phthalate	Ave	0.8025	0.8643	0.0100	53800	50000	7.7	30.0
Di-n-octyl phthalate	Ave	1.134	1.238	0.0100	54600	50000	9.2	30.0
Benzo[b]fluoranthene	Ave	1.080	1.185		54900	50000	9.7	30.0
Benzo[k]fluoranthene	Ave	1.152	1.233	0.7000	53500	50000	7.0	30.0
Benzo[a]pyrene	Ave	1.013	1.127	0.7000	55600	50000	11.3	30.0
Indeno[1,2,3-cd]pyrene	Ave	1.092	1.279	0.5000	58600	50000	17.1	30.0
Dibenz(a,h)anthracene	Ave	1.120	1.281	0.4000	57200	50000	14.4	30.0
Benzo[g,h,i]perylene	Ave	1.055	1.171	0.5000	55500	50000	11.0	30.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20240426-175162.b\Z85459.d
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 26-Apr-2024 09:37:30 ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0175162-011
Operator ID: Instrument ID: CBNAMS11
Sublist:

Method: \\chromfs\Edison\ChromData\CBNAMS11\20240426-175162.b\8270_11R_9.m
Limit Group: SV 8270E ICAL
Last Update: 26-Apr-2024 10:14:40 Calib Date: 26-Apr-2024 09:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS11\20240426-175162.b\Z85458.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1646

First Level Reviewer: G4KC Date: 26-Apr-2024 10:14:58

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.331	1.331	0.000	91	163648	50.0	49.3	
	2 N-Nitrosodimethylamine	74	1.545	1.545	0.000	98	262856	50.0	52.6	
	3 Pyridine	79	1.554	1.555	-0.001	97	810499	100.0	108.0	
	5 Benzaldehyde	77	3.421	3.422	-0.001	97	110932	20.0	16.2	
	7 Phenol	94	3.495	3.495	0.000	95	583035	50.0	51.2	
	8 Aniline	93	3.523	3.527	-0.004	98	680591	50.0	52.3	
	9 Bis(2-chloroethyl)ether	93	3.600	3.601	-0.001	98	449301	50.0	50.6	
	11 2-Chlorophenol	128	3.629	3.630	-0.001	99	489817	50.0	52.1	
	12 n-Decane	43	3.667	3.668	-0.001	89	396049	50.0	50.1	
	13 1,3-Dichlorobenzene	146	3.782	3.783	-0.001	98	537017	50.0	52.8	
*	14 1,4-Dichlorobenzene-d4	152	3.843	3.844	-0.001	93	271427	40.0	40.0	
	15 1,4-Dichlorobenzene	146	3.862	3.863	-0.001	96	540083	50.0	51.8	
	16 Benzyl alcohol	108	3.996	3.997	-0.001	97	315688	50.0	54.2	
	17 1,2-Dichlorobenzene	146	4.006	4.007	-0.001	98	515832	50.0	52.3	
	18 2-Methylphenol	108	4.105	4.103	0.003	93	420010	50.0	51.8	
	19 2,2'-oxybis[1-chloropropane]	45	4.124	4.122	0.002	95	531973	50.0	50.1	
	20 N-Methylaniline	106	4.249	4.249	0.000	94	697449	50.0	50.2	a
	22 Acetophenone	105	4.261	4.262	-0.001	93	654887	50.0	51.7	
	21 N-Nitrosodi-n-propylamine	70	4.265	4.265	0.000	84	317438	50.0	52.9	
	23 3 & 4 Methylphenol	108	4.268	4.269	-0.001	77	485055	50.0	52.7	
	24 4-Methylphenol	108	4.268	4.269	-0.001	97	485055	50.0	52.7	
	25 Hexachloroethane	117	4.332	4.333	-0.001	96	187203	50.0	52.2	
	28 n,n'-Dimethylaniline	120	4.421	4.425	-0.004	95	705870	50.0	50.6	
	27 Nitrobenzene	123	4.431	4.435	-0.004	99	243553	50.0	55.5	
	31 Isophorone	82	4.664	4.665	-0.001	98	846679	50.0	51.9	
	32 2-Nitrophenol	139	4.737	4.738	-0.001	97	272101	50.0	52.3	
	33 2,4-Dimethylphenol	122	4.788	4.789	-0.001	93	354522	50.0	52.5	
	34 Bis(2-chloroethoxy)methane	93	4.894	4.895	-0.001	97	554572	50.0	52.0	
	35 Benzoic acid	122	4.929	4.924	0.005	87	312901	50.0	51.4	
	36 2,4-Dichlorophenol	162	4.967	4.968	-0.001	97	410546	50.0	54.2	
	37 1,2,4-Trichlorobenzene	180	5.047	5.045	0.002	94	453674	50.0	53.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
* 38 Naphthalene-d8	136	5.102	5.103	-0.001	99	1039311	40.0	40.0	
39 Naphthalene	128	5.121	5.122	-0.001	99	1408664	50.0	52.3	
133 2,6-Dichlorophenol	162	5.188	5.189	-0.001	98	413747	50.0	53.6	
40 4-Chloroaniline	127	5.197	5.195	0.002	98	605319	50.0	53.6	
41 Hexachlorobutadiene	225	5.233	5.234	-0.001	99	263258	50.0	53.1	
42 Caprolactam	113	5.609	5.609	0.005	94	52666	20.0	17.1	M
43 4-Chloro-3-methylphenol	107	5.676	5.675	0.002	94	382396	50.0	52.9	
44 2-Methylnaphthalene	142	5.795	5.796	-0.001	85	946485	50.0	52.5	
45 1-Methylnaphthalene	142	5.891	5.889	0.002	92	856162	50.0	51.8	
46 Hexachlorocyclopentadiene	237	5.935	5.933	0.002	98	279177	50.0	54.6	
47 1,2,4,5-Tetrachlorobenzene	216	5.954	5.953	0.001	99	470950	50.0	53.0	
48 2-tertbutyl-4-methylphenol	149	6.009	6.010	-0.001	93	561188	50.0	50.8	
49 2,4,6-Trichlorophenol	196	6.076	6.074	0.002	94	320726	50.0	54.8	
50 2,4,5-Trichlorophenol	196	6.105	6.106	-0.001	99	347621	50.0	53.3	
52 1,1'-Biphenyl	154	6.255	6.256	-0.001	96	1147539	50.0	52.3	
53 2-Chloronaphthalene	162	6.268	6.269	-0.001	99	907939	50.0	52.5	
54 Phenyl ether	170	6.360	6.359	0.001	85	627128	50.0	49.8	
55 2-Nitroaniline	65	6.392	6.391	0.001	92	233735	50.0	52.1	
57 1,3-Dimethylnaphthalene	156	6.479	6.477	0.002	93	698940	50.0	49.9	
58 Dimethyl phthalate	163	6.575	6.576	-0.001	100	1030188	50.0	52.6	
59 Coumarin	146	6.587	6.586	0.001	84	351283	50.0	51.6	
60 2,6-Dinitrotoluene	165	6.635	6.637	-0.002	90	246654	50.0	55.4	
63 Acenaphthylene	152	6.664	6.663	0.001	98	1397335	50.0	52.9	
64 3-Nitroaniline	65	6.792	6.790	0.002	95	280238	50.0	51.6	
* 65 Acenaphthene-d10	164	6.798	6.797	0.001	96	581687	40.0	40.0	
66 3,5-di-tert-butyl-4-hydroxytol	205	6.827	6.826	0.001	96	741748	50.0	50.5	
67 Acenaphthene	154	6.830	6.829	0.001	96	830111	50.0	52.3	
68 2,4-Dinitrophenol	184	6.898	6.899	-0.001	92	322252	100.0	105.2	
69 4-Nitrophenol	65	6.968	6.966	0.002	85	316642	100.0	106.0	
71 Dibenzofuran	168	7.000	6.998	0.002	97	1303460	50.0	52.4	
70 2,4-Dinitrotoluene	165	7.019	7.018	0.001	98	327331	50.0	55.3	
72 2,3,4,6-Tetrachlorophenol	232	7.118	7.117	0.001	98	295032	50.0	54.0	
73 Diethyl phthalate	149	7.252	7.251	0.001	99	994862	50.0	52.1	
74 Fluorene	166	7.326	7.325	0.001	94	1027160	50.0	52.4	
75 4-Chlorophenyl phenyl ether	204	7.336	7.337	-0.001	94	505911	50.0	53.0	
76 4-Nitroaniline	138	7.390	7.389	0.001	90	268607	50.0	53.2	
77 4,6-Dinitro-2-methylphenol	198	7.406	7.405	0.001	94	442381	100.0	116.6	
78 N-Nitrosodiphenylamine	169	7.460	7.462	-0.002	69	747621	50.0	52.0	
79 1,2-Diphenylhydrazine	77	7.489	7.491	-0.002	50	925250	50.0	51.1	
134 Azobenzene	77	7.489	7.491	-0.002	96	925250	50.0	51.2	
81 4-Bromophenyl phenyl ether	248	7.802	7.801	0.001	98	330189	50.0	52.4	
82 Hexachlorobenzene	284	7.834	7.833	0.001	93	437589	50.0	53.8	
83 Atrazine	200	7.984	7.983	0.001	95	119080	20.0	20.9	
84 Pentachlorophenol	266	8.039	8.038	0.001	96	571523	100.0	113.0	
85 Pentachloronitrobenzene	237	8.042	8.041	0.001	93	130628	50.0	51.8	
86 n-Octadecane	57	8.138	8.137	0.001	89	589542	50.0	51.0	
* 87 Phenanthrene-d10	188	8.221	8.220	0.001	98	1120215	40.0	40.0	
88 Phenanthrene	178	8.243	8.242	0.001	97	1493719	50.0	52.3	
89 Anthracene	178	8.291	8.290	0.001	99	1552134	50.0	52.7	
90 Carbazole	167	8.464	8.460	0.004	95	1400453	50.0	51.9	
91 Di-n-butyl phthalate	149	8.812	8.811	0.001	99	1706464	50.0	54.0	
92 Fluoranthene	202	9.377	9.373	0.004	98	1636703	50.0	52.8	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
93 Benzidine	184	9.537	9.536	0.001	99	943967	50.0	55.7	
94 Pyrene	202	9.591	9.591	0.000	97	1695171	50.0	52.4	
95 Bisphenol-A	213	9.671	9.674	-0.003	99	704411	50.0	53.6	
97 Butyl benzyl phthalate	149	10.256	10.255	0.001	95	712262	50.0	53.4	
99 Carbamazepine	193	10.352	10.351	0.001	93	599691	50.0	55.4	
101 Benzo[a]anthracene	228	10.792	10.792	0.000	99	1616500	50.0	51.8	
100 3,3'-Dichlorobenzidine	252	10.796	10.795	0.001	98	683563	50.0	54.7	
* 102 Chrysene-d12	240	10.808	10.805	0.003	99	948228	40.0	40.0	
103 Chrysene	228	10.837	10.834	0.003	98	1540716	50.0	52.5	
104 Bis(2-ethylhexyl) phthalate	149	10.866	10.866	0.000	85	1024398	50.0	53.8	
105 Di-n-octyl phthalate	149	11.655	11.652	0.003	96	1698121	50.0	54.6	
106 Benzo[b]fluoranthene	252	12.067	12.067	0.000	99	1625372	50.0	54.9	
107 Benzo[k]fluoranthene	252	12.105	12.105	0.000	99	1690542	50.0	53.5	
108 Benzo[a]pyrene	252	12.492	12.489	0.003	98	1545098	50.0	55.6	
* 109 Perylene-d12	264	12.565	12.566	-0.001	99	1096970	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	14.015	14.012	0.003	99	1754073	50.0	58.6	
111 Dibenz(a,h)anthracene	278	14.053	14.054	-0.001	98	1757005	50.0	57.2	
112 Benzo[g,h,i]perylene	276	14.383	14.380	0.003	98	1605310	50.0	55.5	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SV_BNA_ICV_00010 Amount Added: 1.00 Units: mL

Report Date: 26-Apr-2024 10:15:00 Chrom Revision: 2.3 09-Apr-2024 17:43:44

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20240426-175162.b\Z85459.d

Injection Date: 26-Apr-2024 09:37:30 Instrument ID: CBNAMS11 Operator ID:

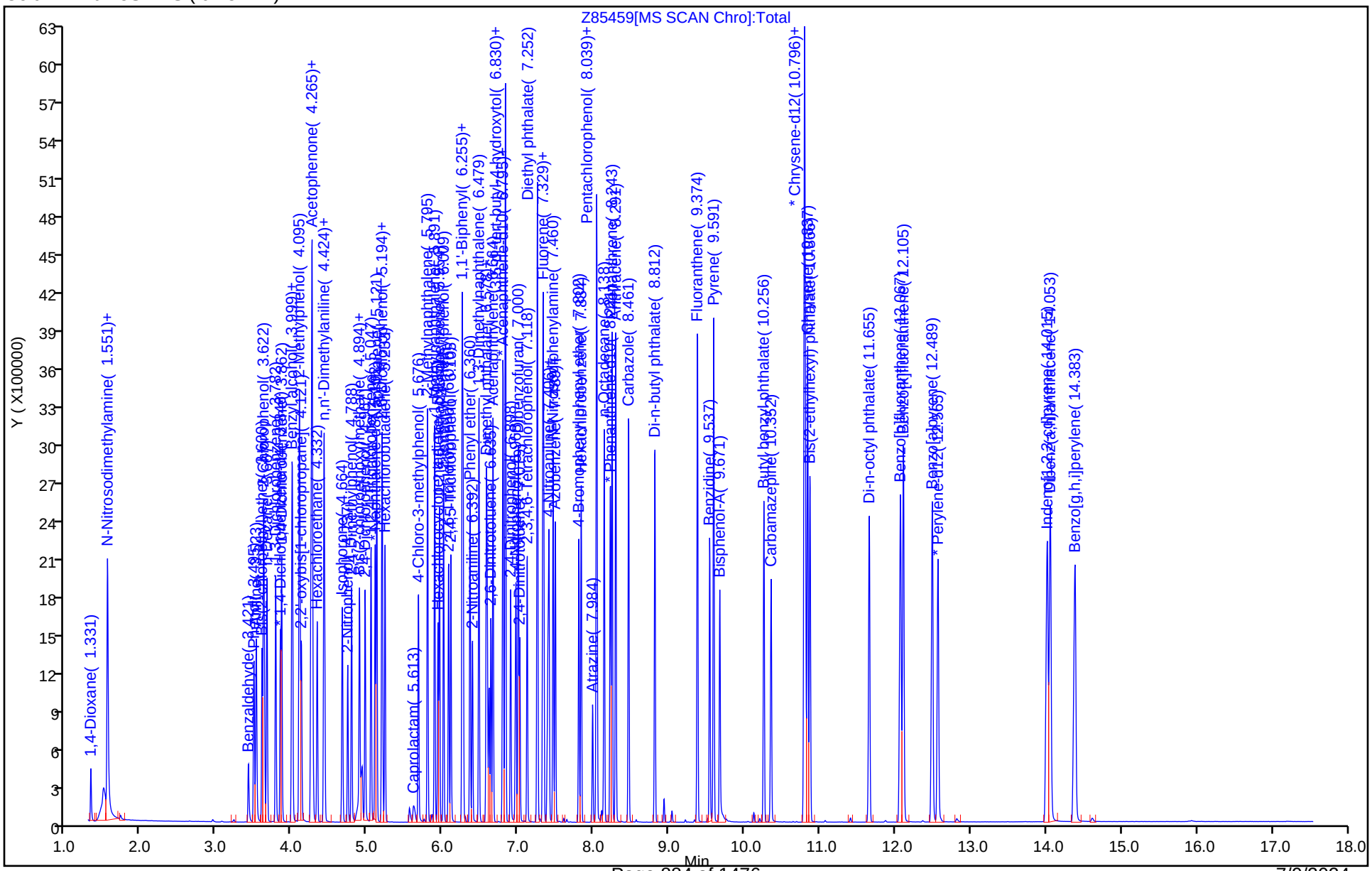
Lims ID: ICV Worklist Smp#: 11

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 11

Method: 8270_11R_9 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison | Job No.: 460-303245-1

SDG No.:

Lab Sample ID: CCVIS 460-973784/2 | Calibration Date: 05/09/2024 05:56

Instrument ID: CBNAMS11 | Calib Start Date: 04/26/2024 06:16

GC Column: Rtxi-5Sil MS ID: 0.25(mm) | Calib End Date: 04/26/2024 09:15

Lab File ID: Z85748.d | Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.4892	0.4651		47500	50000	-4.9	20.0
N-Nitrosodimethylamine	Ave	0.7358	0.7710		52400	50000	4.8	20.0
Pyridine	Ave	1.106	1.012		91400	100000	-8.6	20.0
Benzaldehyde	Ave	1.009	0.3962	0.0100	7850	20000	-60.7*	20.0
Phenol	Ave	1.677	1.877	0.8000	56000	50000	11.9	20.0
Aniline	Ave	1.918	2.126		55400	50000	10.8	20.0
Bis(2-chloroethyl)ether	Ave	1.308	1.337	0.7000	51100	50000	2.3	20.0
2-Chlorophenol	Ave	1.385	1.390	0.8000	50200	50000	0.4	20.0
n-Decane	Ave	1.164	1.208		51900	50000	3.8	20.0
1,3-Dichlorobenzene	Ave	1.500	1.485		49500	50000	-1.0	20.0
1,4-Dichlorobenzene	Ave	1.538	1.516		49300	50000	-1.4	20.0
Benzyl alcohol	Ave	0.8590	0.9375		54600	50000	9.1	20.0
1,2-Dichlorobenzene	Ave	1.453	1.456		50100	50000	0.2	20.0
2-Methylphenol	Ave	1.194	1.247	0.7000	52200	50000	4.4	20.0
2,2'-oxybis[1-chloropropane]	Ave	1.565	1.670	0.0100	53400	50000	6.7	20.0
N-Methylaniline	Ave	2.048	2.178		53200	50000	6.3	20.0
Acetophenone	Ave	1.867	1.952	0.0100	52300	50000	4.5	20.0
N-Nitrosodi-n-propylamine	Ave	0.8848	0.9679	0.5000	54700	50000	9.4	20.0
3 & 4 Methylphenol	Ave	1.356	1.355		50000	50000	-0.0	20.0
4-Methylphenol	Ave	1.356	1.355	0.6000	50000	50000	-0.0	20.0
Hexachloroethane	Ave	0.5289	0.5294	0.3000	50000	50000	0.1	20.0
n,n'-Dimethylaniline	Ave	2.057	2.152		52300	50000	4.6	20.0
Nitrobenzene	Ave	0.6464	0.7079	0.2000	54800	50000	9.5	20.0
Isophorone	Ave	0.6281	0.6647	0.4000	52900	50000	5.8	20.0
2-Nitrophenol	Ave	0.2003	0.2036	0.1000	50800	50000	1.7	20.0
2,4-Dimethylphenol	Ave	0.2599	0.3183	0.2000	61200	50000	22.5*	20.0
Bis(2-chloroethoxy)methane	Ave	0.4106	0.4179	0.3000	50900	50000	1.8	20.0
Benzoic acid	Lin2		0.2515		53500	50000	7.1	20.0
2,4-Dichlorophenol	Ave	0.2917	0.3045	0.2000	52200	50000	4.4	20.0
1,2,4-Trichlorobenzene	Ave	0.3279	0.3251		49600	50000	-0.8	20.0
Naphthalene	Ave	1.036	1.044	0.7000	50400	50000	0.8	20.0
4-Chloroaniline	Ave	0.4344	0.4530	0.0100	52100	50000	4.3	20.0
Hexachlorobutadiene	Ave	0.1908	0.1786	0.0100	46800	50000	-6.4	20.0
Caprolactam	Lin1		0.1042	0.0100	17500	20000	-12.3	20.0
4-Chloro-3-methylphenol	Ave	0.2781	0.2919	0.2000	52500	50000	5.0	20.0
2-Methylnaphthalene	Ave	0.6933	0.6802	0.4000	49100	50000	-1.9	20.0
1-Methylnaphthalene	Ave	0.6356	0.6349		49900	50000	-0.1	20.0
Hexachlorocyclopentadiene	Ave	0.3518	0.4003	0.0500	56900	50000	13.8	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.6113	0.5920	0.0100	48400	50000	-3.2	20.0
2-tertbutyl-4-methylphenol	Ave	0.4251	0.4324		50900	50000	1.7	20.0
2,4,6-Trichlorophenol	Ave	0.4028	0.4127	0.2000	51200	50000	2.5	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison | Job No.: 460-303245-1

SDG No.:

Lab Sample ID: CCVIS 460-973784/2 | Calibration Date: 05/09/2024 05:56

Instrument ID: CBNAMS11 | Calib Start Date: 04/26/2024 06:16

GC Column: Rtxi-5Sil MS ID: 0.25(mm) | Calib End Date: 04/26/2024 09:15

Lab File ID: Z85748.d | Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,4,5-Trichlorophenol	Ave	0.4484	0.4491	0.2000	50100	50000	0.2	20.0
1,1'-Biphenyl	Ave	1.508	1.507	0.0100	50000	50000	-0.0	20.0
2-Chloronaphthalene	Ave	1.189	1.175	0.8000	49400	50000	-1.2	20.0
Phenyl ether	Ave	0.8659	0.8514		49200	50000	-1.7	20.0
2-Nitroaniline	Ave	0.3087	0.3325	0.0100	53900	50000	7.7	20.0
1,3-Dimethylnaphthalene	Ave	0.9635	0.9484		49200	50000	-1.6	20.0
Dimethyl phthalate	Ave	1.347	1.353	0.0100	50200	50000	0.5	20.0
Coumarin	Ave	0.2622	0.2665		50800	50000	1.6	20.0
2,6-Dinitrotoluene	Ave	0.3060	0.3207	0.2000	52400	50000	4.8	20.0
Acenaphthylene	Ave	1.818	1.795	0.9000	49400	50000	-1.3	20.0
3-Nitroaniline	Ave	0.3733	0.3903	0.0100	52300	50000	4.6	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.011	1.039		51400	50000	2.8	20.0
Acenaphthene	Ave	1.092	1.117	0.9000	51100	50000	2.2	20.0
2,4-Dinitrophenol	Lin1		0.1995	0.0100	95200	100000	-4.8	20.0
4-Nitrophenol	Ave	0.2054	0.2359	0.0100	115000	100000	14.9	20.0
Dibenzofuran	Ave	1.710	1.701	0.8000	49700	50000	-0.6	20.0
2,4-Dinitrotoluene	Ave	0.4067	0.4252	0.2000	52300	50000	4.5	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.3760	0.3908	0.0100	52000	50000	3.9	20.0
Diethyl phthalate	Ave	1.314	1.348	0.0100	51300	50000	2.6	20.0
Fluorene	Ave	1.349	1.371	0.9000	50800	50000	1.6	20.0
4-Chlorophenyl phenyl ether	Ave	0.6563	0.6484	0.4000	49400	50000	-1.2	20.0
4-Nitroaniline	Ave	0.3470	0.3472	0.0100	50000	50000	0.0	20.0
4,6-Dinitro-2-methylphenol	Ave	0.1355	0.1468	0.0100	108000	100000	8.3	20.0
N-Nitrosodiphenylamine	Ave	0.5136	0.5174	0.0100	50400	50000	0.7	20.0
1,2-Diphenylhydrazine	Ave	0.6470	0.6776		52400	50000	4.7	20.0
Azobenzene	Ave	0.6458	0.6776		52500	50000	4.9	20.0
4-Bromophenyl phenyl ether	Ave	0.2250	0.2267	0.1000	50400	50000	0.8	20.0
Hexachlorobenzene	Ave	0.2906	0.2862	0.1000	49200	50000	-1.5	20.0
Atrazine	Ave	0.2037	0.2025	0.0100	19900	20000	-0.6	20.0
Pentachlorophenol	Ave	0.1806	0.1804	0.0500	99900	100000	-0.1	20.0
Pentachloronitrobenzene	Ave	0.0901	0.0900	0.0100	50000	50000	-0.0	20.0
n-Octadecane	Ave	0.4126	0.4354		52800	50000	5.5	20.0
Phenanthrene	Ave	1.020	1.036	0.7000	50800	50000	1.6	20.0
Anthracene	Ave	1.052	1.070	0.7000	50800	50000	1.7	20.0
Carbazole	Ave	0.9630	0.9738	0.0100	50600	50000	1.1	20.0
Di-n-butyl phthalate	Ave	1.128	1.173	0.0100	52000	50000	4.0	20.0
Fluoranthene	Ave	1.107	1.121	0.6000	50600	50000	1.3	20.0
Benzidine	Ave	0.6057	0.5158		42600	50000	-14.8	20.0
Pyrene	Ave	1.365	1.307	0.6000	47900	50000	-4.3	20.0
Bisphenol-A	Ave	0.5548	0.5476		49400	50000	-1.3	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Lab Sample ID: CCVIS 460-973784/2 Calibration Date: 05/09/2024 05:56

Instrument ID: CBNAMS11 Calib Start Date: 04/26/2024 06:16

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 04/26/2024 09:15

Lab File ID: Z85748.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Butyl benzyl phthalate	Ave	0.5632	0.5508	0.0100	48900	50000	-2.2	20.0
2,3,7,8-TCDD	Ave	0.2301	0.2702		587	500	17.4	20.0
Carbamazepine	Ave	0.4565	0.4570		50100	50000	0.1	20.0
Benzo[a]anthracene	Ave	1.316	1.213	0.8000	46100	50000	-7.8	20.0
3,3'-Dichlorobenzidine	Ave	0.5272	0.4934	0.0100	46800	50000	-6.4	20.0
Chrysene	Ave	1.238	1.089	0.7000	44000	50000	-12.1	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.8025	0.7717	0.0100	48100	50000	-3.8	20.0
Di-n-octyl phthalate	Ave	1.134	1.243	0.0100	54800	50000	9.6	20.0
Benzo[b]fluoranthene	Ave	1.080	1.151		53200	50000	6.5	20.0
Benzo[k]fluoranthene	Ave	1.152	1.182	0.7000	51300	50000	2.6	20.0
Benzo[a]pyrene	Ave	1.013	1.023	0.7000	50500	50000	1.0	20.0
Indeno[1,2,3-cd]pyrene	Ave	1.092	1.180	0.5000	54000	50000	8.0	20.0
Dibenz(a,h)anthracene	Ave	1.120	1.182	0.4000	52700	50000	5.5	20.0
Benzo[g,h,i]perylene	Ave	1.055	1.157	0.5000	54800	50000	9.7	20.0
Nitrobenzene-d5 (Surr)	Ave	0.3552	0.3615		50900	50000	1.8	20.0
2-Fluorobiphenyl	Ave	1.482	1.419		47900	50000	-4.3	20.0
Terphenyl-d14 (Surr)	Ave	1.189	1.086		45700	50000	-8.7	20.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20240509-175638.b\Z85748.d
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 09-May-2024 05:56:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0175638-002
Operator ID: Instrument ID: CBNAMS11
Sublist: chrom-8270_11R_9*sub51

Method: \\chromfs\Edison\ChromData\CBNAMS11\20240509-175638.b\8270_11R_9.m
Limit Group: SV 8270E ICAL
Last Update: 09-May-2024 07:19:24 Calib Date: 26-Apr-2024 09:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS11\20240426-175162.b\Z85458.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1671

First Level Reviewer: QQ8R Date: 09-May-2024 06:16:34

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.279	1.279	0.000	93	161367	50.0	47.5	
	2 N-Nitrosodimethylamine	74	1.490	1.490	0.000	96	267479	50.0	52.4	
	3 Pyridine	79	1.502	1.502	0.000	95	701848	100.0	91.4	
$	4 2-Fluorophenol	112	2.498	2.498	0.000	98	440897	50.0	50.6	
	5 Benzaldehyde	77	3.353	3.353	0.000	97	54978	20.0	7.85	
$	6 Phenol-d5	99	3.421	3.421	0.000	99	587388	50.0	52.4	
	7 Phenol	94	3.433	3.433	0.000	97	651294	50.0	56.0	
	8 Aniline	93	3.459	3.459	0.000	96	737668	50.0	55.4	
	9 Bis(2-chloroethyl)ether	93	3.536	3.536	0.000	98	463993	50.0	51.1	
	11 2-Chlorophenol	128	3.564	3.564	0.000	99	482105	50.0	50.2	
	12 n-Decane	43	3.599	3.599	0.000	90	419166	50.0	51.9	
	13 1,3-Dichlorobenzene	146	3.714	3.714	0.000	97	515055	50.0	49.5	
*	14 1,4-Dichlorobenzene-d4	152	3.778	3.778	0.000	94	277544	40.0	40.0	
	15 1,4-Dichlorobenzene	146	3.794	3.794	0.000	95	525913	50.0	49.3	
	16 Benzyl alcohol	108	3.932	3.932	0.000	96	325245	50.0	54.6	
	17 1,2-Dichlorobenzene	146	3.938	3.938	0.000	97	505055	50.0	50.1	
	18 2-Methylphenol	108	4.043	4.043	0.000	93	432459	50.0	52.2	
	19 2,2'-oxybis[1-chloropropane]	45	4.066	4.066	0.000	96	579312	50.0	53.4	a
	20 N-Methylaniline	106	4.184	4.184	0.000	94	755739	50.0	53.2	a
	22 Acetophenone	105	4.197	4.197	0.000	92	677070	50.0	52.3	
	21 N-Nitrosodi-n-propylamine	70	4.203	4.203	0.000	82	335790	50.0	54.7	
	23 3 & 4 Methylphenol	108	4.210	4.210	0.000	79	470102	50.0	50.0	
	24 4-Methylphenol	108	4.210	4.210	0.000	96	470102	50.0	50.0	
	25 Hexachloroethane	117	4.264	4.264	0.000	94	183680	50.0	50.0	
$	26 Nitrobenzene-d5	82	4.347	4.347	0.000	87	487075	50.0	50.9	
	28 n,n'-Dimethylaniline	120	4.360	4.360	0.000	97	746481	50.0	52.3	
	27 Nitrobenzene	123	4.369	4.369	0.000	99	245607	50.0	54.8	
	31 Isophorone	82	4.602	4.602	0.000	99	895588	50.0	52.9	
	32 2-Nitrophenol	139	4.673	4.673	0.000	97	274378	50.0	50.8	
	33 2,4-Dimethylphenol	122	4.727	4.727	0.000	93	428911	50.0	61.2	
	34 Bis(2-chloroethoxy)methane	93	4.829	4.829	0.000	99	562982	50.0	50.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	4.874	4.874	0.000	87	338875	50.0	53.5	
36 2,4-Dichlorophenol	162	4.906	4.906	0.000	97	410328	50.0	52.2	
37 1,2,4-Trichlorobenzene	180	4.983	4.983	0.000	94	438044	50.0	49.6	
* 38 Naphthalene-d8	136	5.037	5.037	0.000	99	1077861	40.0	40.0	
39 Naphthalene	128	5.056	5.056	0.000	99	1406865	50.0	50.4	
133 2,6-Dichlorophenol	162	5.127	5.127	0.000	98	411823	50.0	51.4	
40 4-Chloroaniline	127	5.133	5.133	0.000	98	610366	50.0	52.1	
41 Hexachlorobutadiene	225	5.168	5.168	0.000	99	240654	50.0	46.8	
42 Caprolactam	113	5.494	5.494	0.000	93	56152	20.0	17.5	M
43 4-Chloro-3-methylphenol	107	5.615	5.615	0.000	95	393288	50.0	52.5	
44 2-Methylnaphthalene	142	5.730	5.730	0.000	85	916423	50.0	49.1	
45 1-Methylnaphthalene	142	5.826	5.826	0.000	93	855389	50.0	49.9	
46 Hexachlorocyclopentadiene	237	5.868	5.868	0.000	98	306360	50.0	56.9	
47 1,2,4,5-Tetrachlorobenzene	216	5.890	5.890	0.000	99	453102	50.0	48.4	
48 2-tertbutyl-4-methylphenol	149	5.948	5.948	0.000	93	582600	50.0	50.9	
49 2,4,6-Trichlorophenol	196	6.012	6.012	0.000	93	315910	50.0	51.2	
50 2,4,5-Trichlorophenol	196	6.044	6.044	0.000	99	343766	50.0	50.1	
$ 51 2-Fluorobiphenyl	172	6.098	6.098	0.000	98	1085846	50.0	47.9	
52 1,1'-Biphenyl	154	6.191	6.191	0.000	96	1153218	50.0	50.0	
53 2-Chloronaphthalene	162	6.204	6.204	0.000	99	899215	50.0	49.4	
54 Phenyl ether	170	6.293	6.293	0.000	86	651679	50.0	49.2	
55 2-Nitroaniline	65	6.328	6.328	0.000	94	254508	50.0	53.9	
57 1,3-Dimethylnaphthalene	156	6.411	6.411	0.000	93	725879	50.0	49.2	
58 Dimethyl phthalate	163	6.514	6.514	0.000	100	1035533	50.0	50.2	
59 Coumarin	146	6.523	6.523	0.000	84	359041	50.0	50.8	
60 2,6-Dinitrotoluene	165	6.574	6.574	0.000	92	245434	50.0	52.4	
63 Acenaphthylene	152	6.597	6.597	0.000	98	1373911	50.0	49.4	
64 3-Nitroaniline	65	6.728	6.728	0.000	97	298757	50.0	52.3	
* 65 Acenaphthene-d10	164	6.731	6.731	0.000	96	612305	40.0	40.0	
66 3,5-di-tert-butyl-4-hydroxytol	205	6.763	6.763	0.000	97	795162	50.0	51.4	
67 Acenaphthene	154	6.763	6.763	0.000	96	854771	50.0	51.1	
68 2,4-Dinitrophenol	184	6.837	6.837	0.000	95	305337	100.0	95.2	
69 4-Nitrophenol	65	6.910	6.910	0.000	92	361167	100.0	114.9	
71 Dibenzofuran	168	6.933	6.933	0.000	98	1301623	50.0	49.7	
70 2,4-Dinitrotoluene	165	6.955	6.955	0.000	97	325402	50.0	52.3	
72 2,3,4,6-Tetrachlorophenol	232	7.051	7.051	0.000	97	299124	50.0	52.0	
73 Diethyl phthalate	149	7.188	7.188	0.000	99	1031426	50.0	51.3	
74 Fluorene	166	7.259	7.259	0.000	95	1049268	50.0	50.8	
75 4-Chlorophenyl phenyl ether	204	7.272	7.272	0.000	94	496263	50.0	49.4	
76 4-Nitroaniline	138	7.326	7.326	0.000	90	265712	50.0	50.0	
77 4,6-Dinitro-2-methylphenol	198	7.342	7.342	0.000	93	427428	100.0	108.3	
78 N-Nitrosodiphenylamine	169	7.396	7.396	0.000	68	753261	50.0	50.4	
79 1,2-Diphenylhydrazine	77	7.425	7.425	0.000	50	986481	50.0	52.4	
134 Azobenzene	77	7.425	7.425	0.000	97	986481	50.0	52.5	
$ 80 2,4,6-Tribromophenol	330	7.492	7.492	0.000	90	257912	50.0	49.3	
81 4-Bromophenyl phenyl ether	248	7.735	7.735	0.000	97	330055	50.0	50.4	
82 Hexachlorobenzene	284	7.767	7.767	0.000	94	416662	50.0	49.2	
83 Atrazine	200	7.920	7.920	0.000	94	117942	20.0	19.9	
84 Pentachlorophenol	266	7.972	7.972	0.000	96	525345	100.0	99.9	
85 Pentachloronitrobenzene	237	7.975	7.975	0.000	92	131080	50.0	50.0	
86 n-Octadecane	57	8.071	8.071	0.000	90	633880	50.0	52.8	
* 87 Phenanthrene-d10	188	8.151	8.151	0.000	98	1164737	40.0	40.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
88 Phenanthrene	178	8.173	8.173	0.000	97	1508317	50.0	50.8	
89 Anthracene	178	8.224	8.224	0.000	98	1557412	50.0	50.8	
90 Carbazole	167	8.394	8.394	0.000	95	1417762	50.0	50.6	
91 Di-n-butyl phthalate	149	8.742	8.742	0.000	99	1707955	50.0	52.0	a
92 Fluoranthene	202	9.304	9.304	0.000	97	1632481	50.0	50.6	
93 Benzidine	184	9.467	9.467	0.000	100	751005	50.0	42.6	
94 Pyrene	202	9.518	9.518	0.000	97	1679316	50.0	47.9	
95 Bisphenol-A	213	9.604	9.604	0.000	99	703708	50.0	49.4	
$ 96 Terphenyl-d14	244	9.688	9.688	0.000	97	1396068	50.0	45.7	
97 Butyl benzyl phthalate	149	10.183	10.183	0.000	96	707860	50.0	48.9	
98 2,3,7,8-TCDD	320	10.224	10.224	0.000	93	3473	0.5000	0.5872	
99 Carbamazepine	193	10.276	10.276	0.000	93	587324	50.0	50.1	
101 Benzo[a]anthracene	228	10.710	10.710	0.000	100	1558920	50.0	46.1	
100 3,3'-Dichlorobenzidine	252	10.713	10.713	0.000	99	634056	50.0	46.8	
* 102 Chrysene-d12	240	10.723	10.723	0.000	99	1028086	40.0	40.0	
103 Chrysene	228	10.752	10.752	0.000	98	1399185	50.0	44.0	
104 Bis(2-ethylhexyl) phthalate	149	10.787	10.787	0.000	86	991697	50.0	48.1	
105 Di-n-octyl phthalate	149	11.560	11.560	0.000	96	1662236	50.0	54.8	
106 Benzo[b]fluoranthene	252	11.966	11.966	0.000	98	1538035	50.0	53.2	
107 Benzo[k]fluoranthene	252	12.001	12.001	0.000	99	1579830	50.0	51.3	
108 Benzo[a]pyrene	252	12.378	12.378	0.000	97	1367845	50.0	50.5	
* 109 Perylene-d12	264	12.455	12.455	0.000	99	1069427	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	13.886	13.886	0.000	99	1577574	50.0	54.0	
111 Dibenz(a,h)anthracene	278	13.928	13.928	0.000	98	1579560	50.0	52.7	
112 Benzo[g,h,i]perylene	276	14.244	14.244	0.000	98	1546959	50.0	54.8	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SV_BNA_L7_00007 Amount Added: 1.00 Units: mL

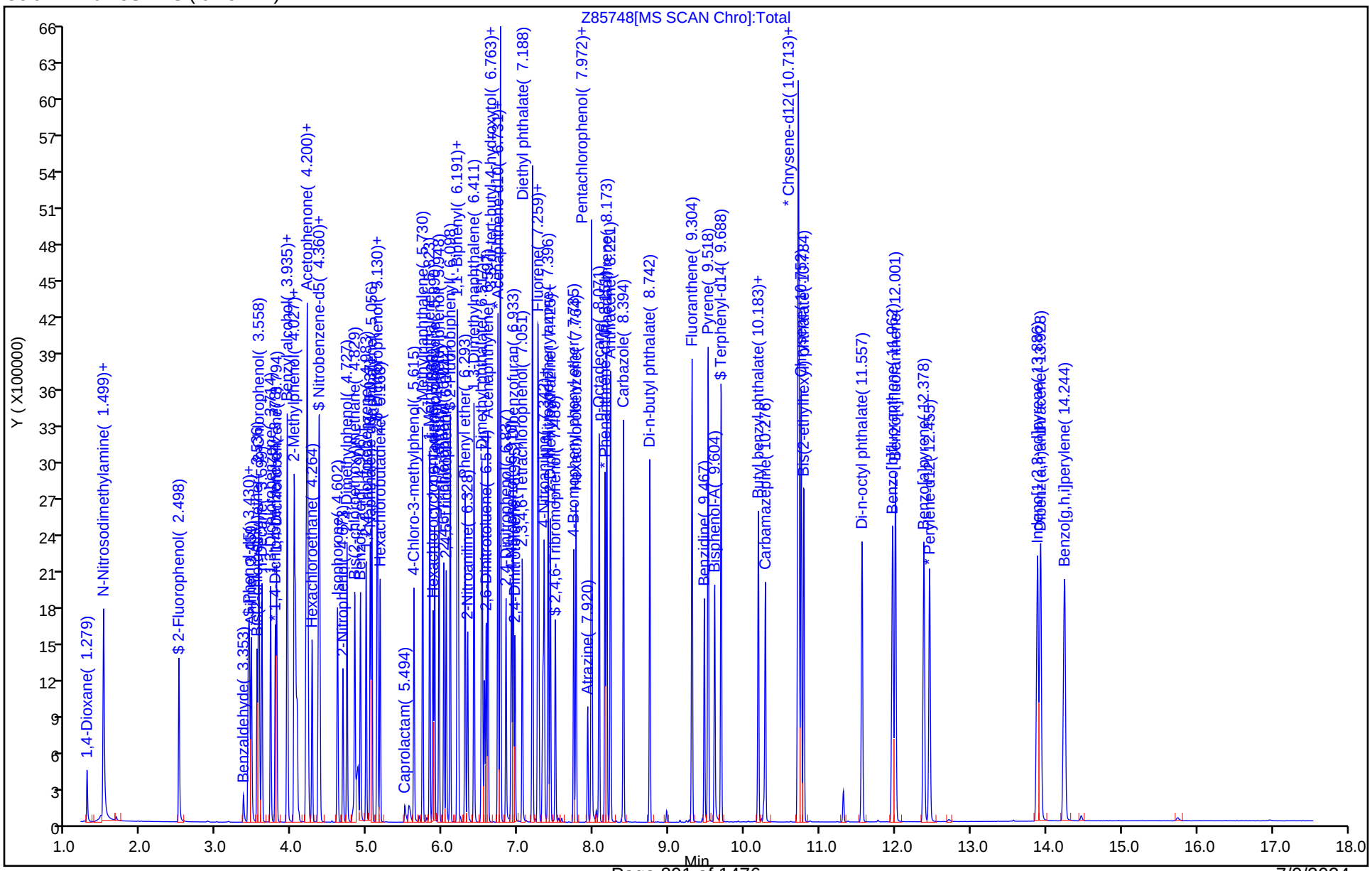
Report Date: 09-May-2024 07:19:25 Chrom Revision: 2.3 01-May-2024 15:52:26

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20240509-175638.b\Z85748.d

Injection Date:	09-May-2024 05:56:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	CCVIS			Worklist Smp#:	2
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8270_11R_9	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



7/9/2024
8:32:15 AM

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison | Job No.: 460-303245-1

SDG No.:

Lab Sample ID: ICV 460-969996/13 | Calibration Date: 04/17/2024 19:42

Instrument ID: CBNAMS18 | Calib Start Date: 04/17/2024 12:39

GC Column: Rtxi-5Sil MS ID: 0.25(mm) | Calib End Date: 04/17/2024 18:18

Lab File ID: P84798.D | Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.4978	0.5309		10700	10000	6.7	30.0
N-Nitrosodimethylamine	Ave	0.7790	0.8279		10600	10000	6.3	30.0
Pyridine	Ave	1.136	1.264		22200	20000	11.2	30.0
Benzaldehyde	Ave	0.9906	1.031	0.0100	4160	4000	4.1	30.0
Aniline	Ave	1.649	1.824		11100	10000	10.6	30.0
Phenol	Ave	1.652	1.713	0.8000	10400	10000	3.7	30.0
Bis(2-chloroethyl)ether	Ave	1.194	1.276	0.7000	10700	10000	6.9	30.0
2-Chlorophenol	Ave	1.313	1.388	0.8000	10600	10000	5.6	30.0
n-Decane	Ave	0.9934	1.038		10400	10000	4.4	30.0
1,3-Dichlorobenzene	Ave	1.512	1.609		10600	10000	6.4	30.0
1,4-Dichlorobenzene	Ave	1.543	1.642		10600	10000	6.4	30.0
Benzyl alcohol	Ave	0.8302	0.8968		10800	10000	8.0	30.0
1,2-Dichlorobenzene	Ave	1.501	1.571		10500	10000	4.7	30.0
2,2'-oxybis[1-chloropropane]	Ave	1.322	1.369	0.0100	10400	10000	3.5	30.0
2-Methylphenol	Ave	1.161	1.239	0.7000	10700	10000	6.8	30.0
N-Methylaniline	Ave	1.862	2.064		11100	10000	10.8	30.0
Acetophenone	Ave	1.914	2.020	0.0100	10600	10000	5.6	30.0
N-Nitrosodi-n-propylamine	Ave	0.8225	0.9135	0.5000	11100	10000	11.1	30.0
3 & 4 Methylphenol	Ave	1.243	1.311		10500	10000	5.5	30.0
4-Methylphenol	Ave	1.239	1.304	0.6000	10500	10000	5.2	30.0
Hexachloroethane	Ave	0.5346	0.5894	0.3000	11000	10000	10.3	30.0
Nitrobenzene	Ave	0.6697	0.7308	0.2000	10900	10000	9.1	30.0
n,n'-Dimethylaniline	Ave	2.093	2.174		10400	10000	3.9	30.0
Isophorone	Ave	0.5646	0.6252	0.4000	11100	10000	10.7	30.0
2-Nitrophenol	Ave	0.1839	0.2009	0.1000	10900	10000	9.2	30.0
2,4-Dimethylphenol	Ave	0.2476	0.2673	0.2000	10800	10000	7.9	30.0
Bis(2-chloroethoxy)methane	Ave	0.3821	0.4037	0.3000	10600	10000	5.6	30.0
Benzoic acid	Lin2		0.1899		10200	10000	2.5	30.0
2,4-Dichlorophenol	Ave	0.2858	0.3095	0.2000	10800	10000	8.3	30.0
1,2,4-Trichlorobenzene	Ave	0.3146	0.3455		11000	10000	9.8	30.0
Naphthalene	Ave	1.037	1.119	0.7000	10800	10000	7.9	30.0
4-Chloroaniline	Ave	0.3400	0.4195	0.0100	12300	10000	23.4	30.0
Hexachlorobutadiene	Ave	0.1828	0.1976	0.0100	10800	10000	8.1	30.0
Caprolactam	Lin1		0.0796	0.0100	3860	4000	-3.5	30.0
4-Chloro-3-methylphenol	Ave	0.2668	0.2888	0.2000	10800	10000	8.2	30.0
2-Methylnaphthalene	Ave	0.7071	0.7602	0.4000	10800	10000	7.5	30.0
1-Methylnaphthalene	Ave	0.6581	0.6905		10500	10000	4.9	30.0
Hexachlorocyclopentadiene	Ave	0.3725	0.4124	0.0500	11100	10000	10.7	30.0
1,2,4,5-Tetrachlorobenzene	Ave	0.5900	0.6409	0.0100	10900	10000	8.6	30.0
2-tertbutyl-4-methylphenol	Ave	0.4025	0.4348		10800	10000	8.0	30.0
2,4,6-Trichlorophenol	Ave	0.3617	0.4141	0.2000	11400	10000	14.5	30.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Lab Sample ID: ICV 460-969996/13 Calibration Date: 04/17/2024 19:42

Instrument ID: CBNAMS18 Calib Start Date: 04/17/2024 12:39

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 04/17/2024 18:18

Lab File ID: P84798.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,4,5-Trichlorophenol	Ave	0.4000	0.4388	0.2000	11000	10000	9.7	30.0
1,1'-Biphenyl	Ave	1.568	1.682	0.0100	10700	10000	7.2	30.0
2-Chloronaphthalene	Ave	1.206	1.303	0.8000	10800	10000	8.1	30.0
Phenyl ether	Ave	0.8544	0.8792		10300	10000	2.9	30.0
2-Nitroaniline	Ave	0.2926	0.3150	0.0100	10800	10000	7.6	30.0
1,3-Dimethylnaphthalene	Ave	0.9622	0.9852		10200	10000	2.4	30.0
Coumarin	Ave	0.2499	0.2466		9870	10000	-1.3	30.0
Dimethyl phthalate	Ave	1.304	1.363	0.0100	10400	10000	4.5	30.0
2,6-Dinitrotoluene	Ave	0.2746	0.3048	0.2000	11100	10000	11.0	30.0
Acenaphthylene	Ave	1.825	1.937	0.9000	10600	10000	6.1	30.0
3-Nitroaniline	Ave	0.2903	0.3271	0.0100	11300	10000	12.7	30.0
Acenaphthene	Ave	1.110	1.173	0.9000	10600	10000	5.7	30.0
3,5-di-tert-butyl-4-hydroxytol	Ave	0.9512	0.9786		10300	10000	2.9	30.0
2,4-Dinitrophenol	Lin2		0.2015	0.0100	20500	20000	2.3	30.0
4-Nitrophenol	Ave	0.2090	0.2255	0.0100	21600	20000	7.9	30.0
Dibenzofuran	Ave	1.743	1.853	0.8000	10600	10000	6.3	30.0
2,4-Dinitrotoluene	Ave	0.3667	0.4127	0.2000	11300	10000	12.6	30.0
2,3,4,6-Tetrachlorophenol	Ave	0.3246	0.3511	0.0100	10800	10000	8.1	30.0
Diethyl phthalate	Ave	1.296	1.288	0.0100	9940	10000	-0.6	30.0
Fluorene	Ave	1.323	1.416	0.9000	10700	10000	7.0	30.0
4-Chlorophenyl phenyl ether	Ave	0.6368	0.6684	0.4000	10500	10000	5.0	30.0
4-Nitroaniline	Ave	0.2719	0.2978	0.0100	11000	10000	9.5	30.0
4,6-Dinitro-2-methylphenol	Ave	0.1247	0.1451	0.0100	23300	20000	16.3	30.0
N-Nitrosodiphenylamine	Ave	0.5143	0.5647	0.0100	11000	10000	9.8	30.0
1,2-Diphenylhydrazine	Ave	0.6836	0.7505		11000	10000	9.8	30.0
Azobenzene	Ave	0.6837	0.7505		11000	10000	9.8	20.0
4-Bromophenyl phenyl ether	Ave	0.2121	0.2281	0.1000	10800	10000	7.5	30.0
Hexachlorobenzene	Ave	0.2626	0.2865	0.1000	10900	10000	9.1	30.0
Atrazine	Ave	0.1673	0.1893	0.0100	4520	4000	13.1	30.0
Pentachlorophenol	Lin2		0.1834	0.0500	20500	20000	2.4	30.0
Pentachloronitrobenzene	Ave	0.0937	0.0992	0.0100	10600	10000	6.0	30.0
n-Octadecane	Ave	0.3733	0.4237		11400	10000	13.5	30.0
Phenanthrene	Ave	1.040	1.106	0.7000	10600	10000	6.3	30.0
Anthracene	Ave	1.047	1.143	0.7000	10900	10000	9.1	30.0
Carbazole	Ave	0.9035	0.9751	0.0100	10800	10000	7.9	30.0
Di-n-butyl phthalate	Ave	1.019	1.132	0.0100	11100	10000	11.1	30.0
Fluoranthene	Ave	0.996	1.078	0.6000	10800	10000	8.2	30.0
Benzidine	Ave	0.3039	0.3492		11500	10000	14.9	30.0
Pyrene	Ave	1.524	1.636	0.6000	10700	10000	7.3	30.0
Bisphenol-A	Ave	0.4469	0.4506		10100	10000	0.8	30.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Lab Sample ID: ICV 460-969996/13 Calibration Date: 04/17/2024 19:42

Instrument ID: CBNAMS18 Calib Start Date: 04/17/2024 12:39

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 04/17/2024 18:18

Lab File ID: P84798.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Butyl benzyl phthalate	Ave	0.5338	0.6046	0.0100	11300	10000	13.3	30.0
Carbamazepine	Lin1		0.3963		9710	10000	-2.9	30.0
3,3'-Dichlorobenzidine	Qua1		0.5289	0.0100	10600	10000	6.0	30.0
Benzo[a]anthracene	Ave	1.282	1.387	0.8000	10800	10000	8.2	30.0
Chrysene	Ave	1.222	1.268	0.7000	10400	10000	3.8	30.0
Bis(2-ethylhexyl) phthalate	Qua1		0.8105	0.0100	10900	10000	8.8	30.0
Di-n-octyl phthalate	Lin2		1.293	0.0100	10300	10000	3.5	30.0
Benzo[b]fluoranthene	Ave	1.097	1.258		11500	10000	14.7	30.0
Benzo[k]fluoranthene	Ave	1.148	1.279	0.7000	11100	10000	11.4	30.0
Benzo[a]pyrene	Ave	0.9725	1.146	0.7000	11800	10000	17.8	30.0
Indeno[1,2,3-cd]pyrene	Ave	1.115	1.228	0.5000	11000	10000	10.1	30.0
Dibenz(a,h)anthracene	Ave	1.138	1.258	0.4000	11100	10000	10.6	30.0
Benzo[g,h,i]perylene	Ave	1.090	1.195	0.5000	11000	10000	9.7	30.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20240417-174798.b\P84798.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 17-Apr-2024 19:42:30 ALS Bottle#: 15 Worklist Smp#: 13
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0174798-013
Operator ID: Instrument ID: CBNAMS18
Sublist:

Method: \\chromfs\Edison\ChromData\CBNAMS18\20240417-174798.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 18-Apr-2024 07:58:51 Calib Date: 17-Apr-2024 18:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20240417-174798.b\P84794.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1670

First Level Reviewer: G4KC Date: 18-Apr-2024 07:59:24

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.378	1.375	0.003	92	181931	10.0	10.7	
2 N-Nitrosodimethylamine	74	1.576	1.573	0.003	92	283688	10.0	10.6	
3 Pyridine	79	1.598	1.598	0.000	96	866145	20.0	22.2	
5 Benzaldehyde	77	3.418	3.418	0.000	96	141315	4.00	4.16	
8 Aniline	93	3.533	3.533	0.000	96	624997	10.0	11.1	
7 Phenol	94	3.543	3.543	0.000	98	587025	10.0	10.4	
9 Bis(2-chloroethyl)ether	93	3.600	3.600	0.000	99	437082	10.0	10.7	
10 Benzonitrile	103	3.610	3.607	0.003	97	870745	NC	NC	
11 2-Chlorophenol	128	3.651	3.651	0.000	97	475460	10.0	10.6	
12 n-Decane	43	3.702	3.702	0.000	87	355526	10.0	10.4	
13 1,3-Dichlorobenzene	146	3.792	3.789	0.003	97	551275	10.0	10.6	
* 14 1,4-Dichlorobenzene-d4	152	3.849	3.846	0.003	95	274137	8.00	8.00	
15 1,4-Dichlorobenzene	146	3.865	3.865	0.000	96	562759	10.0	10.6	
17 Benzyl alcohol	108	4.003	4.003	0.000	95	307313	10.0	10.8	
18 1,2-Dichlorobenzene	146	4.012	4.012	0.000	97	538463	10.0	10.5	
21 2,2'-oxybis[1-chloropropane]	45	4.127	4.127	0.000	90	469054	10.0	10.4	
20 2-Methylphenol	108	4.131	4.131	0.000	89	424649	10.0	10.7	
22 N-Methylaniline	106	4.246	4.246	0.000	99	707177	10.0	11.1	
23 Acetophenone	105	4.252	4.252	0.000	95	692327	10.0	10.6	
24 N-Nitrosodi-n-propylamine	70	4.258	4.258	0.000	88	313037	10.0	11.1	
26 4-Methylphenol	108	4.287	4.287	0.000	96	446784	10.0	10.5	
25 3 & 4 Methylphenol	108	4.287	4.287	0.000	62	449147	10.0	10.5	
27 Hexachloroethane	117	4.335	4.335	0.000	94	201957	10.0	11.0	
29 Nitrobenzene	123	4.415	4.415	0.000	99	250440	10.0	10.9	
30 n,n'-Dimethylaniline	120	4.418	4.418	0.000	93	745090	10.0	10.4	
31 Isophorone	82	4.648	4.648	0.000	99	842919	10.0	11.1	
32 2-Nitrophenol	139	4.725	4.722	0.003	96	270827	10.0	10.9	
33 2,4-Dimethylphenol	122	4.795	4.795	0.000	92	360325	10.0	10.8	
34 Bis(2-chloroethoxy)methane	93	4.875	4.875	0.000	98	544253	10.0	10.6	
35 Benzoic acid	122	4.917	4.914	0.003	88	256090	10.0	10.2	
36 2,4-Dichlorophenol	162	4.968	4.971	-0.003	97	417295	10.0	10.8	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
37 1,2,4-Trichlorobenzene	180	5.035	5.035	0.000	94	465752	10.0	11.0	
* 38 Naphthalene-d8	136	5.083	5.083	0.000	99	1078558	8.00	8.00	
39 Naphthalene	128	5.102	5.102	0.000	99	1508733	10.0	10.8	
40 4-Chloroaniline	127	5.179	5.179	0.000	97	565561	10.0	12.3	
41 2,6-Dichlorophenol	162	5.179	5.179	0.000	97	427550	10.0	10.9	
42 Hexachlorobutadiene	225	5.233	5.233	0.000	96	266461	10.0	10.8	
44 Caprolactam	113	5.498	5.498	0.000	95	42932	4.00	3.86	
45 4-Chloro-3-methylphenol	107	5.674	5.674	0.000	95	389350	10.0	10.8	
46 2-Methylnaphthalene	142	5.770	5.770	0.000	85	1024923	10.0	10.8	
47 1-Methylnaphthalene	142	5.863	5.863	0.000	93	930950	10.0	10.5	
48 Hexachlorocyclopentadiene	237	5.924	5.927	-0.003	98	300882	10.0	11.1	
49 1,2,4,5-Tetrachlorobenzene	216	5.933	5.933	0.000	98	467627	10.0	10.9	
50 2-tertbutyl-4-methylphenol	149	6.000	6.000	0.000	91	586184	10.0	10.8	
51 2,4,6-Trichlorophenol	196	6.055	6.055	0.000	91	302139	10.0	11.4	
52 2,4,5-Trichlorophenol	196	6.096	6.096	0.000	98	320125	10.0	11.0	
54 1,1'-Biphenyl	154	6.221	6.221	0.000	97	1226812	10.0	10.7	
55 2-Chloronaphthalene	162	6.231	6.231	0.000	99	950827	10.0	10.8	
56 Phenyl ether	170	6.327	6.327	0.000	85	641437	10.0	10.3	
57 2-Nitroaniline	65	6.346	6.346	0.000	92	229794	10.0	10.8	
58 1,3-Dimethylnaphthalene	156	6.445	6.445	0.000	91	718788	10.0	10.2	
60 Coumarin	146	6.531	6.534	-0.003	80	332493	10.0	9.87	
59 Dimethyl phthalate	163	6.534	6.534	0.000	99	994149	10.0	10.4	
61 2,6-Dinitrotoluene	165	6.582	6.582	0.000	96	222374	10.0	11.1	
62 Acenaphthylene	152	6.621	6.621	0.000	98	1413151	10.0	10.6	
63 3-Nitroaniline	138	6.739	6.739	0.000	96	238666	10.0	11.3	
* 64 Acenaphthene-d10	164	6.755	6.755	0.000	95	583672	8.00	8.00	
65 Acenaphthene	154	6.784	6.787	-0.003	95	856145	10.0	10.6	
66 3,5-di-tert-butyl-4-hydroxytol	205	6.803	6.803	0.000	97	713990	10.0	10.3	
67 2,4-Dinitrophenol	184	6.838	6.838	0.000	96	294057	20.0	20.5	
68 4-Nitrophenol	65	6.944	6.944	0.000	84	329028	20.0	21.6	
70 Dibenzofuran	168	6.950	6.950	0.000	96	1351857	10.0	10.6	
69 2,4-Dinitrotoluene	165	6.960	6.960	0.000	94	301130	10.0	11.3	
71 2,3,4,6-Tetrachlorophenol	232	7.081	7.081	0.000	95	256130	10.0	10.8	
72 Diethyl phthalate	149	7.206	7.206	0.000	98	939642	10.0	9.94	
73 Fluorene	166	7.273	7.273	0.000	94	1033130	10.0	10.7	
74 4-Chlorophenyl phenyl ether	204	7.286	7.286	0.000	91	487693	10.0	10.5	
75 4-Nitroaniline	138	7.318	7.318	0.000	85	217243	10.0	11.0	
76 4,6-Dinitro-2-methylphenol	198	7.344	7.344	0.000	89	364794	20.0	23.3	
77 N-Nitrosodiphenylamine	169	7.405	7.405	0.000	98	709913	10.0	11.0	
131 Azobenzene	77	7.437	7.437	0.000	0	943464	10.0	11.0	
78 1,2-Diphenylhydrazine	77	7.437	7.437	0.000	98	943456	10.0	11.0	
80 4-Bromophenyl phenyl ether	248	7.747	7.747	0.000	93	286734	10.0	10.8	
82 Hexachlorobenzene	284	7.788	7.788	0.000	96	360174	10.0	10.9	
83 Atrazine	200	7.926	7.926	0.000	94	95159	4.00	4.52	
84 Pentachlorophenol	266	7.990	7.990	0.000	94	461036	20.0	20.5	
85 Pentachloronitrobenzene	237	7.996	7.996	0.000	90	124747	10.0	10.6	
87 n-Octadecane	57	8.105	8.105	0.000	89	532559	10.0	11.4	
* 88 Phenanthrene-d10	188	8.150	8.150	0.000	98	1005633	8.00	8.00	
89 Phenanthrene	178	8.172	8.172	0.000	97	1390655	10.0	10.6	
90 Anthracene	178	8.220	8.220	0.000	99	1436392	10.0	10.9	
91 Carbazole	167	8.386	8.390	-0.004	96	1225773	10.0	10.8	
92 Di-n-butyl phthalate	149	8.751	8.751	0.000	99	1423058	10.0	11.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
93 Fluoranthene	202	9.291	9.291	0.000	98	1355544	10.0	10.8	
94 Benzidine	184	9.441	9.444	-0.003	99	438952	10.0	11.5	
95 Pyrene	202	9.499	9.499	0.001	97	1417533	10.0	10.7	
96 Bisphenol-A	213	9.595	9.594	0.001	99	390506	10.0	10.1	
98 Butyl benzyl phthalate	149	10.164	10.164	0.000	96	523906	10.0	11.3	
100 Carbamazepine	193	10.240	10.240	0.000	93	343430	10.0	9.71	
101 3,3'-Dichlorobenzidine	252	10.669	10.669	0.000	99	458342	10.0	10.6	
102 Benzo[a]anthracene	228	10.669	10.669	0.000	99	1201681	10.0	10.8	
* 103 Chrysene-d12	240	10.675	10.679	-0.003	99	693263	8.00	8.00	
104 Chrysene	228	10.704	10.704	0.000	98	1099246	10.0	10.4	
105 Bis(2-ethylhexyl) phthalate	149	10.775	10.778	-0.003	85	702322	10.0	10.9	
106 Di-n-octyl phthalate	149	11.519	11.523	-0.004	96	1099745	10.0	10.3	
107 Benzo[b]fluoranthene	252	11.881	11.881	0.000	98	1069372	10.0	11.5	
108 Benzo[k]fluoranthene	252	11.913	11.913	0.000	99	1087413	10.0	11.1	
109 Benzo[a]pyrene	252	12.277	12.277	0.000	96	974456	10.0	11.8	
* 110 Perylene-d12	264	12.348	12.348	0.000	99	680216	8.00	8.00	
111 Indeno[1,2,3-cd]pyrene	276	13.739	13.739	0.000	99	1043805	10.0	11.0	
112 Dibenz(a,h)anthracene	278	13.787	13.783	0.004	97	1070002	10.0	11.1	
113 Benzo[g,h,i]perylene	276	14.082	14.078	0.004	97	1016095	10.0	11.0	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SV_ICV_ LVI_00010 Amount Added: 1.00 Units: mL

Report Date: 18-Apr-2024 07:59:26 Chrom Revision: 2.3 09-Apr-2024 17:43:44

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20240417-174798.b\P84798.D

Injection Date: 17-Apr-2024 19:42:30 Instrument ID: CBNAMS18 Operator ID:

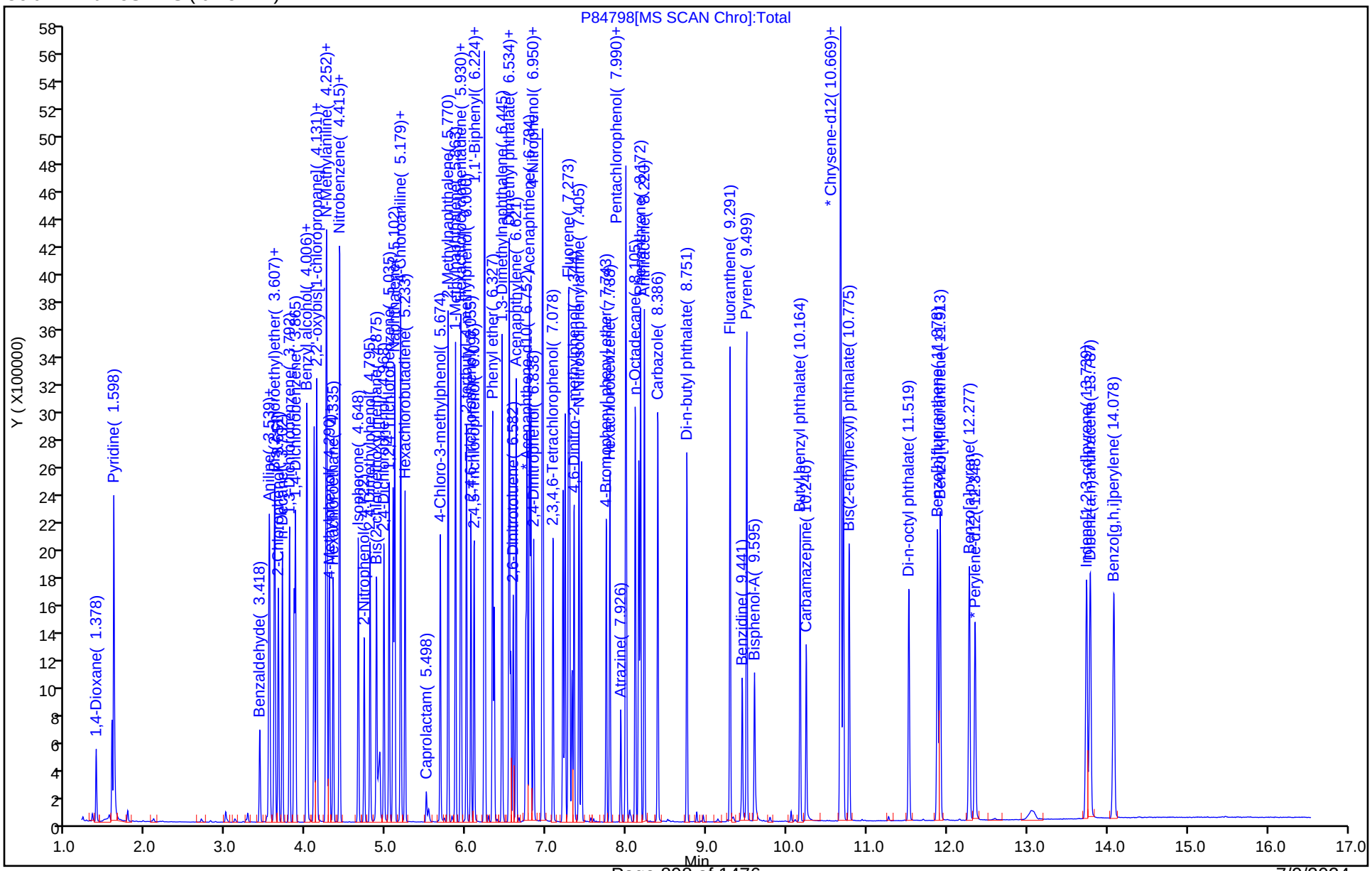
Lims ID: ICV Worklist Smp#: 13

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 15

Method: 8270LVI_18 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



7/9/2024
8:32:15 AM

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison | Job No.: 460-303245-1

SDG No.:

Lab Sample ID: CCVIS 460-973040/2 | Calibration Date: 05/04/2024 14:09

Instrument ID: CBNAMS18 | Calib Start Date: 04/17/2024 12:39

GC Column: Rtxi-5Sil MS ID: 0.25(mm) | Calib End Date: 04/17/2024 18:18

Lab File ID: P84986.D | Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.4978	0.4937		9920	10000	-0.8	20.0
N-Nitrosodimethylamine	Ave	0.7790	0.7365		9450	10000	-5.5	20.0
Pyridine	Ave	1.136	1.048		18400	20000	-7.8	20.0
Benzaldehyde	Ave	0.9906	0.3493	0.0100	1410	4000	-64.7*	20.0
Aniline	Ave	1.649	1.779		10800	10000	7.9	20.0
Phenol	Ave	1.652	1.578	0.8000	9560	10000	-4.4	20.0
Bis(2-chloroethyl)ether	Ave	1.194	1.168	0.7000	9780	10000	-2.2	20.0
2-Chlorophenol	Ave	1.313	1.272	0.8000	9690	10000	-3.1	20.0
n-Decane	Ave	0.9934	1.014		10200	10000	2.1	20.0
1,3-Dichlorobenzene	Ave	1.512	1.481		9790	10000	-2.1	20.0
1,4-Dichlorobenzene	Ave	1.543	1.510		9790	10000	-2.1	20.0
Benzyl alcohol	Ave	0.8302	0.7567		9120	10000	-8.8	20.0
1,2-Dichlorobenzene	Ave	1.501	1.428		9510	10000	-4.9	20.0
2,2'-oxybis[1-chloropropane]	Ave	1.322	1.210	0.0100	9150	10000	-8.5	20.0
2-Methylphenol	Ave	1.161	1.083	0.7000	9330	10000	-6.7	20.0
N-Methylaniline	Ave	1.862	1.897		10200	10000	1.9	20.0
Acetophenone	Ave	1.914	1.677	0.0100	8770	10000	-12.3	20.0
N-Nitrosodi-n-propylamine	Ave	0.8225	0.7290	0.5000	8860	10000	-11.4	20.0
3 & 4 Methylphenol	Ave	1.243	1.086		8740	10000	-12.6	20.0
4-Methylphenol	Ave	1.239	1.083	0.6000	8740	10000	-12.6	20.0
Hexachloroethane	Ave	0.5346	0.5487	0.3000	10300	10000	2.7	20.0
Nitrobenzene	Ave	0.6697	0.6333	0.2000	9460	10000	-5.4	20.0
n,n'-Dimethylaniline	Ave	2.093	1.967		9400	10000	-6.0	20.0
Isophorone	Ave	0.5646	0.5400	0.4000	9570	10000	-4.3	20.0
2-Nitrophenol	Ave	0.1839	0.1876	0.1000	10200	10000	2.0	20.0
2,4-Dimethylphenol	Ave	0.2476	0.2907	0.2000	11700	10000	17.4	20.0
Bis(2-chloroethoxy)methane	Ave	0.3821	0.3715	0.3000	9720	10000	-2.8	20.0
Benzoic acid	Lin2		0.1478		8090	10000	-19.1	20.0
2,4-Dichlorophenol	Ave	0.2858	0.2878	0.2000	10100	10000	0.7	20.0
1,2,4-Trichlorobenzene	Ave	0.3146	0.3370		10700	10000	7.1	20.0
Naphthalene	Ave	1.037	1.053	0.7000	10100	10000	1.5	20.0
4-Chloroaniline	Ave	0.3400	0.3889	0.0100	11400	10000	14.4	20.0
Hexachlorobutadiene	Ave	0.1828	0.1906	0.0100	10400	10000	4.3	20.0
Caprolactam	Lin1		0.0645	0.0100	3160	4000	-21.1*	20.0
4-Chloro-3-methylphenol	Ave	0.2668	0.2424	0.2000	9090	10000	-9.1	20.0
2-Methylnaphthalene	Ave	0.7071	0.6392	0.4000	9040	10000	-9.6	20.0
1-Methylnaphthalene	Ave	0.6581	0.5946		9030	10000	-9.7	20.0
Hexachlorocyclopentadiene	Ave	0.3725	0.5010	0.0500	13400	10000	34.5*	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.5900	0.6520	0.0100	11100	10000	10.5	20.0
2-tertbutyl-4-methylphenol	Ave	0.4025	0.3772		9370	10000	-6.3	20.0
2,4,6-Trichlorophenol	Ave	0.3617	0.4106	0.2000	11400	10000	13.5	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison | Job No.: 460-303245-1

SDG No.:

Lab Sample ID: CCVIS 460-973040/2 | Calibration Date: 05/04/2024 14:09

Instrument ID: CBNAMS18 | Calib Start Date: 04/17/2024 12:39

GC Column: Rtxi-5Sil MS ID: 0.25(mm) | Calib End Date: 04/17/2024 18:18

Lab File ID: P84986.D | Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,4,5-Trichlorophenol	Ave	0.4000	0.4267	0.2000	10700	10000	6.7	20.0
1,1'-Biphenyl	Ave	1.568	1.636	0.0100	10400	10000	4.3	20.0
2-Chloronaphthalene	Ave	1.206	1.266	0.8000	10500	10000	5.1	20.0
Phenyl ether	Ave	0.8544	0.8901		10400	10000	4.2	20.0
2-Nitroaniline	Ave	0.2926	0.2943	0.0100	10100	10000	0.6	20.0
1,3-Dimethylnaphthalene	Ave	0.9622	0.9791		10200	10000	1.8	20.0
Coumarin	Ave	0.2499	0.2011		8050	10000	-19.5	20.0
Dimethyl phthalate	Ave	1.304	1.285	0.0100	9850	10000	-1.5	20.0
2,6-Dinitrotoluene	Ave	0.2746	0.2854	0.2000	10400	10000	3.9	20.0
Acenaphthylene	Ave	1.825	1.814	0.9000	9940	10000	-0.6	20.0
3-Nitroaniline	Ave	0.2903	0.3095	0.0100	10700	10000	6.6	20.0
Acenaphthene	Ave	1.110	1.118	0.9000	10100	10000	0.7	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	0.9512	1.064		11200	10000	11.9	20.0
2,4-Dinitrophenol	Lin2		0.1753	0.0100	17900	20000	-10.3	20.0
4-Nitrophenol	Ave	0.2090	0.2060	0.0100	19700	20000	-1.4	20.0
Dibenzofuran	Ave	1.743	1.697	0.8000	9740	10000	-2.6	20.0
2,4-Dinitrotoluene	Ave	0.3667	0.3688	0.2000	10100	10000	0.6	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.3246	0.3323	0.0100	10200	10000	2.4	20.0
Diethyl phthalate	Ave	1.296	1.234	0.0100	9520	10000	-4.8	20.0
Fluorene	Ave	1.323	1.324	0.9000	10000	10000	0.1	20.0
4-Chlorophenyl phenyl ether	Ave	0.6368	0.6311	0.4000	9910	10000	-0.9	20.0
4-Nitroaniline	Ave	0.2719	0.2823	0.0100	10400	10000	3.8	20.0
4,6-Dinitro-2-methylphenol	Ave	0.1247	0.1385	0.0100	22200	20000	11.0	20.0
N-Nitrosodiphenylamine	Ave	0.5143	0.5292	0.0100	10300	10000	2.9	20.0
1,2-Diphenylhydrazine	Ave	0.6836	0.6977		10200	10000	2.1	20.0
Azobenzene	Ave	0.6837	0.6977		10200	10000	2.1	20.0
4-Bromophenyl phenyl ether	Ave	0.2121	0.2186	0.1000	10300	10000	3.1	20.0
Hexachlorobenzene	Ave	0.2626	0.2742	0.1000	10400	10000	4.4	20.0
Atrazine	Ave	0.1673	0.1791	0.0100	4280	4000	7.1	20.0
Pentachlorophenol	Lin2		0.1633	0.0500	18300	20000	-8.3	20.0
Pentachloronitrobenzene	Ave	0.0937	0.0951	0.0100	10200	10000	1.6	20.0
n-Octadecane	Ave	0.3733	0.4131		11100	10000	10.7	20.0
Phenanthrene	Ave	1.040	1.051	0.7000	10100	10000	1.0	20.0
Anthracene	Ave	1.047	1.072	0.7000	10200	10000	2.4	20.0
Carbazole	Ave	0.9035	0.9422	0.0100	10400	10000	4.3	20.0
Di-n-butyl phthalate	Ave	1.019	1.110	0.0100	10900	10000	9.0	20.0
Fluoranthene	Ave	0.996	1.053	0.6000	10600	10000	5.7	20.0
Benzidine	Ave	0.3039	0.3700		12200	10000	21.8*	20.0
Pyrene	Ave	1.524	1.380	0.6000	9060	10000	-9.4	20.0
Bisphenol-A	Ave	0.4469	0.4944		11100	10000	10.6	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Lab Sample ID: CCVIS 460-973040/2 Calibration Date: 05/04/2024 14:09

Instrument ID: CBNAMS18 Calib Start Date: 04/17/2024 12:39

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 04/17/2024 18:18

Lab File ID: P84986.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Butyl benzyl phthalate	Ave	0.5338	0.5449	0.0100	10200	10000	2.1	20.0
2,3,7,8-TCDD	Ave	0.1836	0.2046		111	100	11.5	20.0
Carbamazepine	Lin1		0.3911		9600	10000	-4.0	20.0
3,3'-Dichlorobenzidine	Qua1		0.4681	0.0100	9470	10000	-5.3	20.0
Benzo[a]anthracene	Ave	1.282	1.223	0.8000	9540	10000	-4.6	20.0
Chrysene	Ave	1.222	1.090	0.7000	8920	10000	-10.8	20.0
Bis(2-ethylhexyl) phthalate	Qua1		0.7600	0.0100	10300	10000	2.8	20.0
Di-n-octyl phthalate	Lin2		1.250	0.0100	10000	10000	0.2	20.0
Benzo[b]fluoranthene	Ave	1.097	1.198		10900	10000	9.3	20.0
Benzo[k]fluoranthene	Ave	1.148	1.202	0.7000	10500	10000	4.7	20.0
Benzo[a]pyrene	Ave	0.9725	1.028	0.7000	10600	10000	5.7	20.0
Indeno[1,2,3-cd]pyrene	Ave	1.115	1.148	0.5000	10300	10000	2.9	20.0
Dibenz(a,h)anthracene	Ave	1.138	1.198	0.4000	10500	10000	5.3	20.0
Benzo[g,h,i]perylene	Ave	1.090	1.211	0.5000	11100	10000	11.1	20.0
Nitrobenzene-d5 (Surr)	Ave	0.3404	0.3436		10100	10000	1.0	20.0
2-Fluorobiphenyl	Ave	1.470	1.545		10500	10000	5.1	20.0
Terphenyl-d14 (Surr)	Ave	1.238	1.117		9020	10000	-9.8	20.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20240504-175464.b\P84986.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 04-May-2024 14:09:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0175464-002
Operator ID: Instrument ID: CBNAMS18
Sublist: chrom-8270LVI_18*sub37

Method: \\chromfs\Edison\ChromData\CBNAMS18\20240504-175464.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 05-May-2024 10:09:05 Calib Date: 17-Apr-2024 18:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20240417-174798.b\P84794.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1619

First Level Reviewer: G4KC Date: 05-May-2024 10:09:05

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.368	1.368	0.000	91	219044	10.0	9.92	
2 N-Nitrosodimethylamine	74	1.563	1.563	0.000	93	326742	10.0	9.45	
3 Pyridine	79	1.585	1.585	0.000	96	929745	20.0	18.4	
$ 4 2-Fluorophenol	112	2.591	2.591	0.000	96	554752	10.0	9.85	
5 Benzaldehyde	77	3.386	3.386	0.000	95	61992	4.00	1.41	
$ 6 Phenol-d5	99	3.495	3.495	0.000	98	630680	10.0	9.36	
8 Aniline	93	3.498	3.498	0.000	93	789472	10.0	10.8	
7 Phenol	94	3.504	3.504	0.000	95	700272	10.0	9.56	
9 Bis(2-chloroethyl)ether	93	3.568	3.568	0.000	98	518058	10.0	9.78	
10 Benzonitrile	103	3.578	3.578	0.000	97	1022594	NC	NC	
11 2-Chlorophenol	128	3.616	3.616	0.000	98	564506	10.0	9.69	
12 n-Decane	43	3.671	3.671	0.000	88	449753	10.0	10.2	
13 1,3-Dichlorobenzene	146	3.757	3.757	0.000	97	657103	10.0	9.79	
* 14 1,4-Dichlorobenzene-d4	152	3.814	3.814	0.000	95	354919	8.00	8.00	
15 1,4-Dichlorobenzene	146	3.833	3.833	0.000	96	669891	10.0	9.79	
17 Benzyl alcohol	108	3.971	3.971	0.000	95	335725	10.0	9.12	
18 1,2-Dichlorobenzene	146	3.977	3.977	0.000	97	633367	10.0	9.51	
21 2,2'-oxybis[1-chloropropane]	45	4.099	4.099	0.000	93	536734	10.0	9.15	
20 2-Methylphenol	108	4.099	4.099	0.000	89	480306	10.0	9.33	
22 N-Methylaniline	106	4.214	4.214	0.000	94	841407	10.0	10.2	
23 Acetophenone	105	4.223	4.223	0.000	96	744208	10.0	8.77	
24 N-Nitrosodi-n-propylamine	70	4.230	4.230	0.000	88	323435	10.0	8.86	
26 4-Methylphenol	108	4.255	4.255	0.000	97	480486	10.0	8.74	
25 3 & 4 Methylphenol	108	4.255	4.255	0.000	62	481997	10.0	8.74	
27 Hexachloroethane	117	4.303	4.303	0.000	96	243444	10.0	10.3	
$ 28 Nitrobenzene-d5	82	4.364	4.364	0.000	85	535999	10.0	10.1	
29 Nitrobenzene	123	4.383	4.383	0.000	98	280980	10.0	9.46	
30 n,n'-Dimethylaniline	120	4.386	4.386	0.000	97	872485	10.0	9.40	
31 Isophorone	82	4.616	4.616	0.000	99	842392	10.0	9.57	
32 2-Nitrophenol	139	4.693	4.693	0.000	96	292668	10.0	10.2	
33 2,4-Dimethylphenol	122	4.763	4.763	0.000	92	453420	10.0	11.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 Bis(2-chloroethoxy)methane	93	4.846	4.846	0.000	98	579533	10.0	9.72	
35 Benzoic acid	122	4.882	4.882	0.000	87	230565	10.0	8.09	
36 2,4-Dichlorophenol	162	4.936	4.936	0.000	97	448921	10.0	10.1	
37 1,2,4-Trichlorobenzene	180	5.003	5.003	0.000	94	525647	10.0	10.7	
* 38 Naphthalene-d8	136	5.051	5.051	0.000	99	1247903	8.00	8.00	
39 Naphthalene	128	5.073	5.073	0.000	99	1642058	10.0	10.1	
40 4-Chloroaniline	127	5.147	5.147	0.000	97	606706	10.0	11.4	
41 2,6-Dichlorophenol	162	5.147	5.147	0.000	97	444335	10.0	9.78	
42 Hexachlorobutadiene	225	5.201	5.201	0.000	97	297360	10.0	10.4	
44 Caprolactam	113	5.466	5.466	0.000	95	40269	4.00	3.16	
45 4-Chloro-3-methylphenol	107	5.639	5.639	0.000	95	378124	10.0	9.09	
46 2-Methylnaphthalene	142	5.741	5.741	0.000	85	997002	10.0	9.04	
47 1-Methylnaphthalene	142	5.831	5.831	0.000	92	927464	10.0	9.03	
48 Hexachlorocyclopentadiene	237	5.895	5.895	0.000	98	370433	10.0	13.4	
49 1,2,4,5-Tetrachlorobenzene	216	5.901	5.901	0.000	98	482112	10.0	11.1	
50 2-tertbutyl-4-methylphenol	149	5.968	5.968	0.000	92	588449	10.0	9.37	
51 2,4,6-Trichlorophenol	196	6.023	6.023	0.000	92	303603	10.0	11.4	
52 2,4,5-Trichlorophenol	196	6.064	6.064	0.000	98	315488	10.0	10.7	
$ 53 2-Fluorobiphenyl	172	6.103	6.103	0.000	98	1142661	10.0	10.5	
54 1,1'-Biphenyl	154	6.192	6.192	0.000	96	1209950	10.0	10.4	
55 2-Chloronaphthalene	162	6.199	6.199	0.000	99	936476	10.0	10.5	
56 Phenyl ether	170	6.295	6.295	0.000	84	658169	10.0	10.4	
57 2-Nitroaniline	65	6.314	6.314	0.000	94	217616	10.0	10.1	
58 1,3-Dimethylnaphthalene	156	6.413	6.413	0.000	92	723968	10.0	10.2	
60 Coumarin	146	6.502	6.502	0.000	81	313740	10.0	8.05	
59 Dimethyl phthalate	163	6.502	6.502	0.000	99	950395	10.0	9.85	
61 2,6-Dinitrotoluene	165	6.554	6.554	0.000	96	211056	10.0	10.4	
62 Acenaphthylene	152	6.589	6.589	0.000	98	1341685	10.0	9.94	
63 3-Nitroaniline	138	6.707	6.707	0.000	97	228860	10.0	10.7	
* 64 Acenaphthene-d10	164	6.723	6.723	0.000	95	591552	8.00	8.00	
65 Acenaphthene	154	6.755	6.755	0.000	95	826362	10.0	10.1	
66 3,5-di-tert-butyl-4-hydroxytol	205	6.774	6.774	0.000	97	786820	10.0	11.2	
67 2,4-Dinitrophenol	184	6.806	6.806	0.000	96	259316	20.0	17.9	
68 4-Nitrophenol	65	6.909	6.909	0.000	85	304625	20.0	19.7	
70 Dibenzofuran	168	6.918	6.918	0.000	97	1254523	10.0	9.74	
69 2,4-Dinitrotoluene	165	6.928	6.928	0.000	94	272695	10.0	10.1	a
71 2,3,4,6-Tetrachlorophenol	232	7.049	7.049	0.000	96	245704	10.0	10.2	
72 Diethyl phthalate	149	7.174	7.174	0.000	98	912425	10.0	9.52	
73 Fluorene	166	7.241	7.241	0.000	94	979258	10.0	10.0	
74 4-Chlorophenyl phenyl ether	204	7.257	7.257	0.000	92	466647	10.0	9.91	
75 4-Nitroaniline	138	7.286	7.286	0.000	86	208755	10.0	10.4	
76 4,6-Dinitro-2-methylphenol	198	7.312	7.312	0.000	90	345624	20.0	22.2	
77 N-Nitrosodiphenylamine	169	7.372	7.372	0.000	98	660566	10.0	10.3	
131 Azobenzene	77	7.404	7.404	0.000	0	870898	10.0	10.2	
78 1,2-Diphenylhydrazine	77	7.404	7.404	0.000	98	870898	10.0	10.2	
$ 79 2,4,6-Tribromophenol	330	7.471	7.471	0.000	91	196282	10.0	9.78	
80 4-Bromophenyl phenyl ether	248	7.711	7.711	0.000	94	272856	10.0	10.3	
82 Hexachlorobenzene	284	7.756	7.756	0.000	96	342283	10.0	10.4	
83 Atrazine	200	7.893	7.893	0.000	95	89442	4.00	4.28	
84 Pentachlorophenol	266	7.954	7.954	0.000	95	407587	20.0	18.3	
85 Pentachloronitrobenzene	237	7.964	7.964	0.000	91	118723	10.0	10.2	
87 n-Octadecane	57	8.076	8.076	0.000	89	515595	10.0	11.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
* 88 Phenanthrene-d10	188	8.117	8.117	0.000	98	998536	8.00	8.00	
89 Phenanthrene	178	8.137	8.137	0.000	97	1311803	10.0	10.1	
90 Anthracene	178	8.188	8.188	0.000	99	1338045	10.0	10.2	
91 Carbazole	167	8.354	8.354	0.000	96	1176064	10.0	10.4	
92 Di-n-butyl phthalate	149	8.718	8.718	0.000	99	1385759	10.0	10.9	
93 Fluoranthene	202	9.255	9.255	0.000	98	1314792	10.0	10.6	
94 Benzidine	184	9.405	9.405	0.000	99	461813	10.0	12.2	
95 Pyrene	202	9.463	9.463	0.000	97	1365391	10.0	9.06	
96 Bisphenol-A	213	9.559	9.559	0.000	99	489128	10.0	11.1	
$ 97 Terphenyl-d14	244	9.639	9.639	0.000	97	1105176	10.0	9.02	
98 Butyl benzyl phthalate	149	10.128	10.128	0.000	95	539090	10.0	10.2	
99 2,3,7,8-TCDD	320	10.179	10.179	0.000	91	2024	0.1000	0.1115	
100 Carbamazepine	193	10.201	10.201	0.000	92	386875	10.0	9.60	
102 Benzo[a]anthracene	228	10.626	10.626	0.000	99	1210299	10.0	9.54	
101 3,3'-Dichlorobenzidine	252	10.626	10.626	0.000	99	463119	10.0	9.47	
* 103 Chrysene-d12	240	10.636	10.636	0.000	99	791409	8.00	8.00	
104 Chrysene	228	10.662	10.662	0.000	98	1078155	10.0	8.92	
105 Bis(2-ethylhexyl) phthalate	149	10.735	10.735	0.000	85	751796	10.0	10.3	
106 Di-n-octyl phthalate	149	11.474	11.474	0.000	96	1195226	10.0	10.0	
107 Benzo[b]fluoranthene	252	11.829	11.829	0.000	98	1145890	10.0	10.9	
108 Benzo[k]fluoranthene	252	11.861	11.861	0.000	99	1149318	10.0	10.5	
109 Benzo[a]pyrene	252	12.219	12.219	0.000	97	983071	10.0	10.6	
* 110 Perylene-d12	264	12.292	12.292	0.000	100	765125	8.00	8.00	
111 Indeno[1,2,3-cd]pyrene	276	13.674	13.674	0.000	99	1097833	10.0	10.3	
112 Dibenz(a,h)anthracene	278	13.719	13.719	0.000	97	1145850	10.0	10.5	
113 Benzo[g,h,i]perylene	276	14.010	14.010	0.000	98	1158180	10.0	11.1	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

a - User Assigned ID

Reagents:

SV_BNAL7_LVI_00009 Amount Added: 1.00 Units: mL

Report Date: 05-May-2024 10:09:08 Chrom Revision: 2.3 26-Apr-2024 12:18:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20240504-175464.b\P84986.D

Injection Date: 04-May-2024 14:09:30 Instrument ID: CBNAMS18 Operator ID:

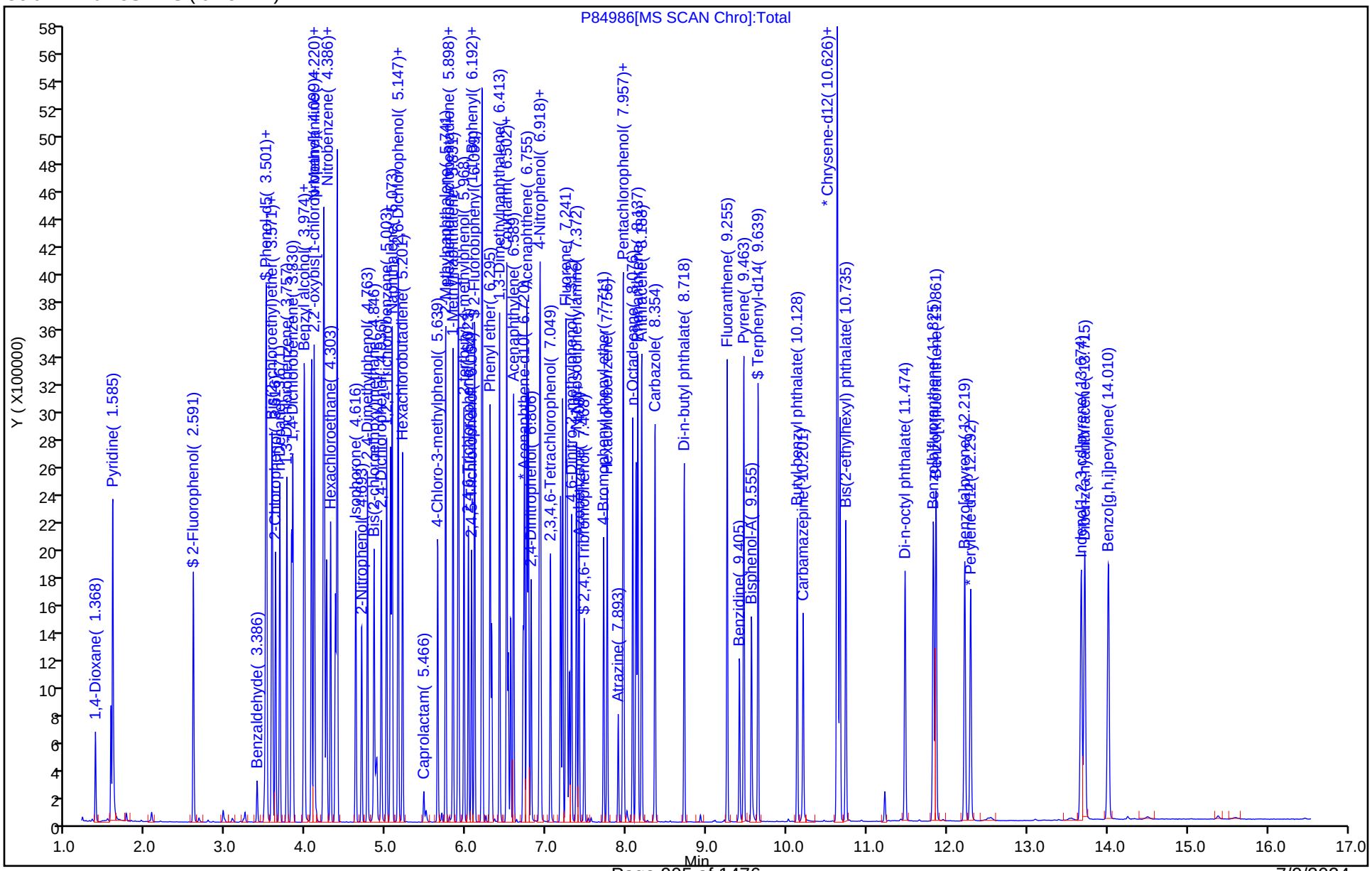
Lims ID: CCVIS Worklist Smp#: 2

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8270LVI_18 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20240426-175162.b\Z85449.d
Lims ID: DFTPP
Client ID:
Sample Type: DFTPP
Inject. Date: 26-Apr-2024 06:04:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0175162-001
Operator ID: Instrument ID: CBNAMS11

Method: \\chromfs\Edison\ChromData\CBNAMS11\20240426-175162.b\8270_11R_9.m
Limit Group: SV 8270E ICAL
Last Update: 26-Apr-2024 10:15:26 Calib Date: 26-Apr-2024 09:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS11\20240426-175162.b\Z85458.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1646

First Level Reviewer: G4KC Date: 26-Apr-2024 10:15:26

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
30 Pentachlorophenol_T	266	3.971	3.971	0.000	96	216199	NR	NR	a
56 Benzidine_T	184	5.284	5.284	0.000	100	1060479	NR	NR	
124 DFTPP									
125 4,4'-DDE	246	5.418	5.418	0.000	90	593		NR	
126 4,4'-DDD	235	5.814	5.814	0.000	95	1549		NR	
127 4,4'-DDT	235	5.935	5.935	0.000	97	551065	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard
Review Flags
a - User Assigned ID

Reagents:

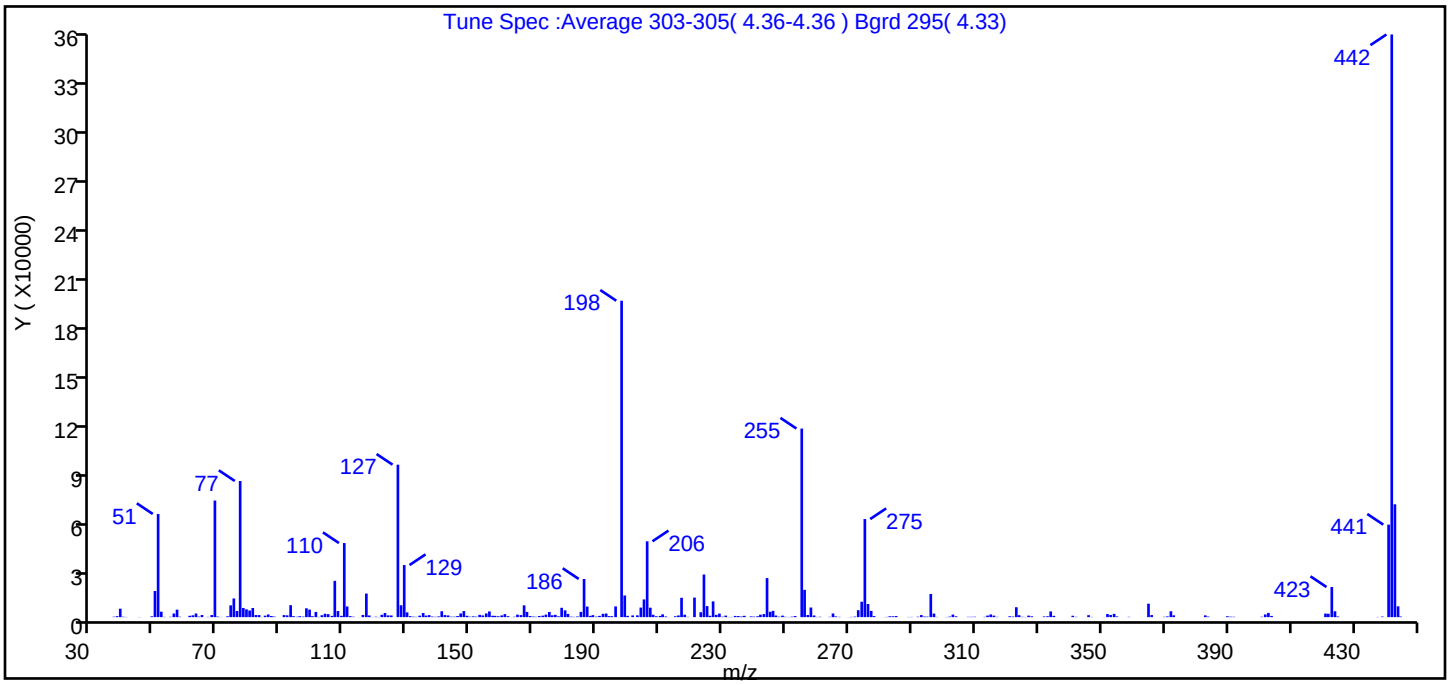
SMDFTP_CH_00036 Amount Added: 1.00 Units: mL

MS Tune Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20240426-175162.b\Z85449.d
Injection Date: 26-Apr-2024 06:04:30 Instrument ID: CBNAMS11
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_11R_9 Limit Group: SV 8270E ICAL
Tune Method: DFTPP Method 8270E, BP 198

124 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base peak or present	100.0
68	<2% of m/z 69	0.7 (1.8)
69	Present	36.8
70	<2% of m/z 69	0.2 (0.5)
197	<2% of m/z 198	0.0
199	5-9% of m/z 198	6.8
365	>1% of m/z 198	4.2
441	<150% of m/z 443	29.2 (82.0)
442	Present	184.1
443	15-24% of m/z 442	35.7 (19.4)

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20240426-175162.b\Z85449.d\8270_11R_9.rslt\spectra.d
Injection Date: 26-Apr-2024 06:04:30
Spectrum: Tune Spec :Average 303-305(4.36-4.36) Bgrd 295(4.33)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 292

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	272	123.00	2544	198.00	195264	283.00	547
38.00	611	124.00	1098	199.00	13341	284.00	541
39.00	5200	125.00	1030	200.00	792	285.00	722
40.00	260	127.00	94072	201.00	1058	289.00	124
41.00	128	128.00	7321	203.00	1107	290.00	146
45.00	103	129.00	32152	204.00	5886	292.00	275
49.00	495	130.00	2963	205.00	10930	293.00	1263
50.00	16130	131.00	611	206.00	46808	294.00	363
51.00	63672	132.00	284	207.00	5819	295.00	306
52.00	3353	133.00	177	208.00	1471	296.00	14317
53.00	165	134.00	911	209.00	541	297.00	2205
55.00	208	135.00	2560	210.00	770	298.00	146
56.00	2225	136.00	972	211.00	1725	301.00	123
57.00	4616	137.00	1251	212.00	414	302.00	339
58.00	239	138.00	367	213.00	53	303.00	1579
61.00	840	139.00	213	215.00	558	304.00	515
62.00	1128	140.00	451	216.00	1030	308.00	198
63.00	2247	141.00	3652	217.00	11945	309.00	213
64.00	326	142.00	1262	218.00	1484	310.00	255
65.00	1301	143.00	1051	219.00	183	313.00	182
66.00	50	144.00	294	221.00	12076	314.00	976
67.00	167	145.00	293	223.00	3018	315.00	1656
68.00	1278	146.00	667	224.00	26304	316.00	949
69.00	71952	147.00	2291	225.00	6828	317.00	184
70.00	354	148.00	3753	226.00	848	321.00	525
71.00	111	149.00	840	227.00	9724	322.00	367
73.00	534	150.00	288	228.00	1407	323.00	6116
74.00	7269	151.00	467	229.00	2194	324.00	1194
75.00	11526	152.00	305	230.00	271	325.00	203
76.00	3781	153.00	1413	231.00	944	326.00	108
77.00	84008	154.00	1048	232.00	114	327.00	941
78.00	5675	155.00	2280	233.00	127	328.00	519
79.00	4818	156.00	3533	234.00	750	332.00	427

Report Date: 26-Apr-2024 10:15:27 Chrom Revision: 2.3 09-Apr-2024 17:43:44
Data File: \\chromfs\Edison\ChromData\CBNAMS11\20240426-175162.b\Z85449.d\8270_11R_9.rslt\spectra.d
Injection Date: 26-Apr-2024 06:04:30
Spectrum: Tune Spec :Average 303-305(4.36-4.36) Bgrd 295(4.33)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 292

m/z	Y	m/z	Y	m/z	Y	m/z	Y
80.00	4108	157.00	847	235.00	667	333.00	541
81.00	5640	158.00	801	236.00	403	334.00	3509
82.00	1307	159.00	555	237.00	827	335.00	809
83.00	1266	160.00	1056	239.00	443	341.00	862
84.00	63	161.00	1854	240.00	334	342.00	192
85.00	920	162.00	600	241.00	554	346.00	1209
86.00	1647	163.00	52	242.00	1514	347.00	145
87.00	721	164.00	240	243.00	1881	351.00	55
88.00	337	165.00	1542	244.00	24120	352.00	1933
91.00	1279	166.00	1260	245.00	3315	353.00	1344
92.00	1108	167.00	7293	246.00	3886	354.00	2033
93.00	7380	168.00	3217	247.00	989	355.00	436
94.00	596	169.00	680	248.00	282	359.00	195
95.00	227	170.00	359	249.00	928	365.00	8297
96.00	586	171.00	217	250.00	224	366.00	1276
97.00	322	172.00	721	251.00	124	370.00	219
98.00	5477	173.00	929	252.00	300	371.00	458
99.00	4668	174.00	1575	253.00	682	372.00	3640
100.00	566	175.00	3216	255.00	116368	373.00	1108
101.00	3204	176.00	1129	256.00	16832	383.00	1087
102.00	143	177.00	1429	257.00	1326	384.00	358
103.00	1169	178.00	498	258.00	5944	390.00	570
104.00	2093	179.00	5768	259.00	1030	391.00	291
105.00	1854	180.00	4186	260.00	143	392.00	241
106.00	811	181.00	1999	261.00	229	401.00	241
107.00	22408	182.00	289	264.00	196	402.00	1652
108.00	3771	183.00	191	265.00	2264	403.00	2602
109.00	807	184.00	416	266.00	447	404.00	757
110.00	45728	185.00	3245	267.00	185	421.00	2219
111.00	6577	186.00	23560	270.00	56	422.00	2081
112.00	625	187.00	6533	271.00	160	423.00	18600
113.00	261	188.00	787	272.00	331	424.00	3618
115.00	50	189.00	1227	273.00	4305	425.00	428
116.00	1351	190.00	328	274.00	9514	438.00	128

Report Date: 26-Apr-2024 10:15:27 Chrom Revision: 2.3 09-Apr-2024 17:43:44
Data File: \\chromfs\Edison\ChromData\CBNAMS11\20240426-175162.b\Z85449.d\8270_11R_9.rslt\spectra.d
Injection Date: 26-Apr-2024 06:04:30
Spectrum: Tune Spec :Average 303-305(4.36-4.36) Bgrd 295(4.33)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 292

m/z	Y	m/z	Y	m/z	Y	m/z	Y
117.00	14560	191.00	786	275.00	60528	439.00	346
118.00	1043	192.00	2047	276.00	8101	441.00	57080
119.00	110	193.00	2220	277.00	3856	442.00	359552
120.00	263	194.00	626	278.00	657	443.00	69640
121.00	103	195.00	592	281.00	36	444.00	6675
122.00	1458	196.00	6625	282.00	145	445.00	377

Breakdown Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20240426-175162.b\Z85449.d
Injection Date: 26-Apr-2024 06:04:30 Instrument ID: CBNAMS11
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_11R_9 Limit Group: SV 8270E ICAL

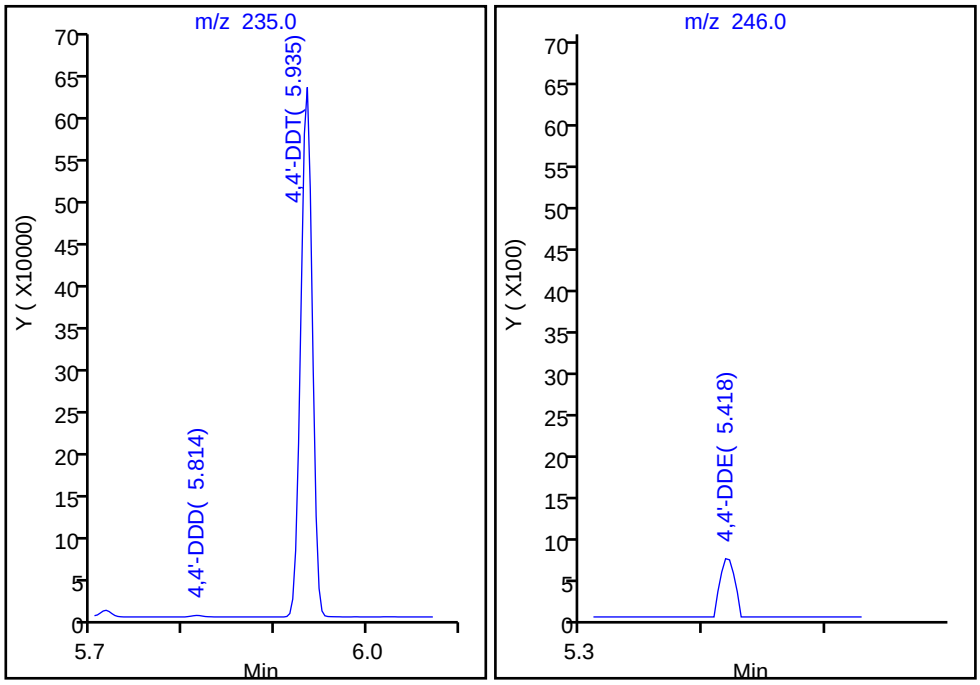
127 4,4'-DDT, Detector: MS SCAN

SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

127 4,4'-DDT, Area = 551065
126 4,4'-DDD, Area = 1549
125 4,4'-DDE, Area = 593

%Breakdown: 0.39%, <= 20.00%
Passed



Peak Tailing Report

Eurofins Edison

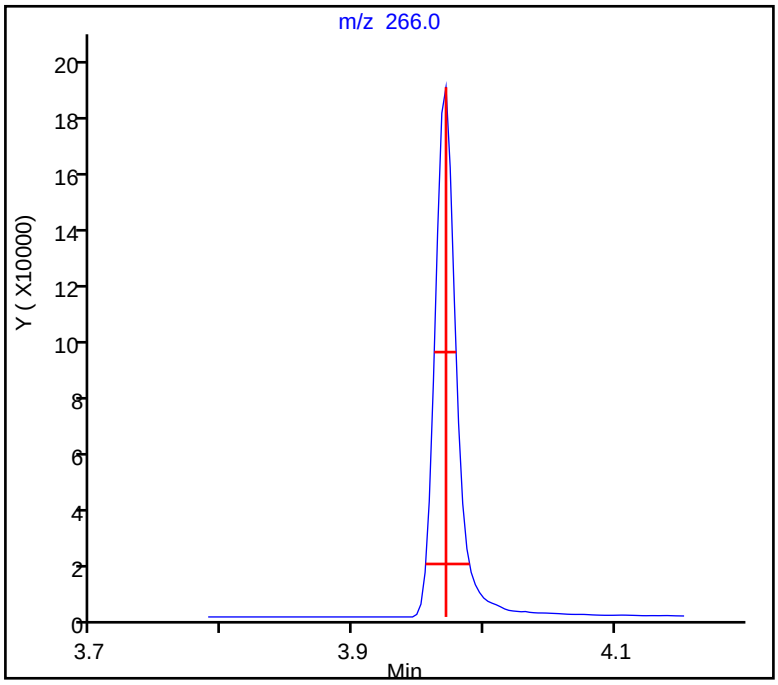
Data File: \\chromfs\Edison\ChromData\CBNAMS11\20240426-175162.b\Z85449.d
Injection Date: 26-Apr-2024 06:04:30 Instrument ID: CBNAMS11
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_11R_9 Limit Group: SV 8270E ICAL

30 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.018 (min.)
Front Width = 0.016 (min.)

Tailing Factor = 1.13, Max. Tailing <= 2.00
Passed



Peak Tailing Report

Eurofins Edison

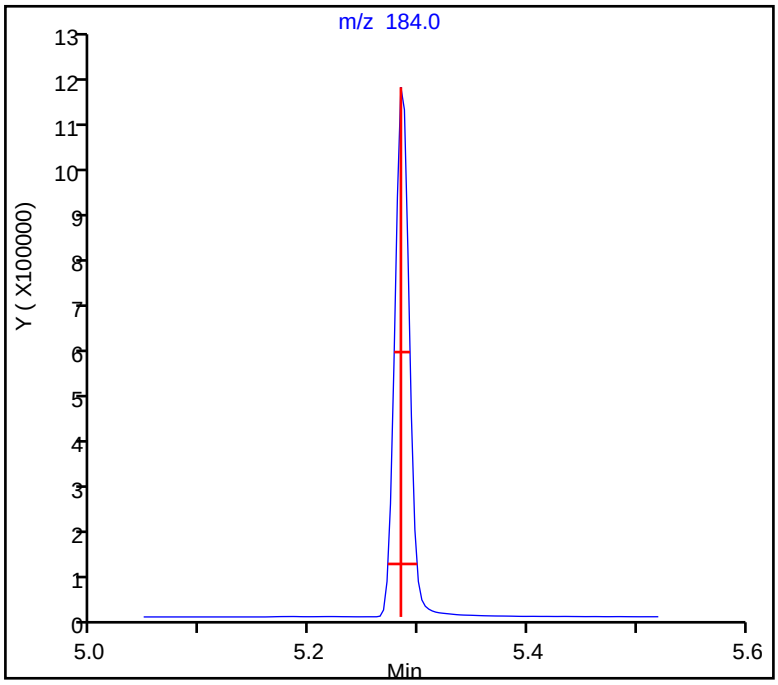
Data File: \\chromfs\Edison\ChromData\CBNAMS11\20240426-175162.b\Z85449.d
Injection Date: 26-Apr-2024 06:04:30 Instrument ID: CBNAMS11
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_11R_9 Limit Group: SV 8270E ICAL

56 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.015 (min.)
Front Width = 0.012 (min.)

Tailing Factor = 1.25, Max. Tailing <= 2.00
Passed



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20240417-174798.b\P84775.D
Lims ID: DFTPP
Client ID:
Sample Type: DFTPP
Inject. Date: 17-Apr-2024 11:39:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0174798-001
Operator ID: Instrument ID: CBNAMS18

Method: \\chromfs\Edison\ChromData\CBNAMS18\20240417-174798.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 18-Apr-2024 07:59:51 Calib Date: 17-Apr-2024 18:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20240417-174798.b\P84794.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1670

First Level Reviewer: G4KC Date: 18-Apr-2024 07:59:51

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
16 Pentachlorophenol_T	266	3.970	3.970	0.000	94	229315	NR	NR	a
43 Benzidine_T	184	5.238	5.238	0.000	99	942795	NR	NR	
123 DFTPP									
124 4,4'-DDE	246	5.385	5.385	0.000	93	4241		NR	a
125 4,4'-DDD	235	5.772	5.772	0.000	93	1741		NR	
126 4,4'-DDT	235	5.887	5.887	0.000	98	583308	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard
Review Flags
a - User Assigned ID

Reagents:

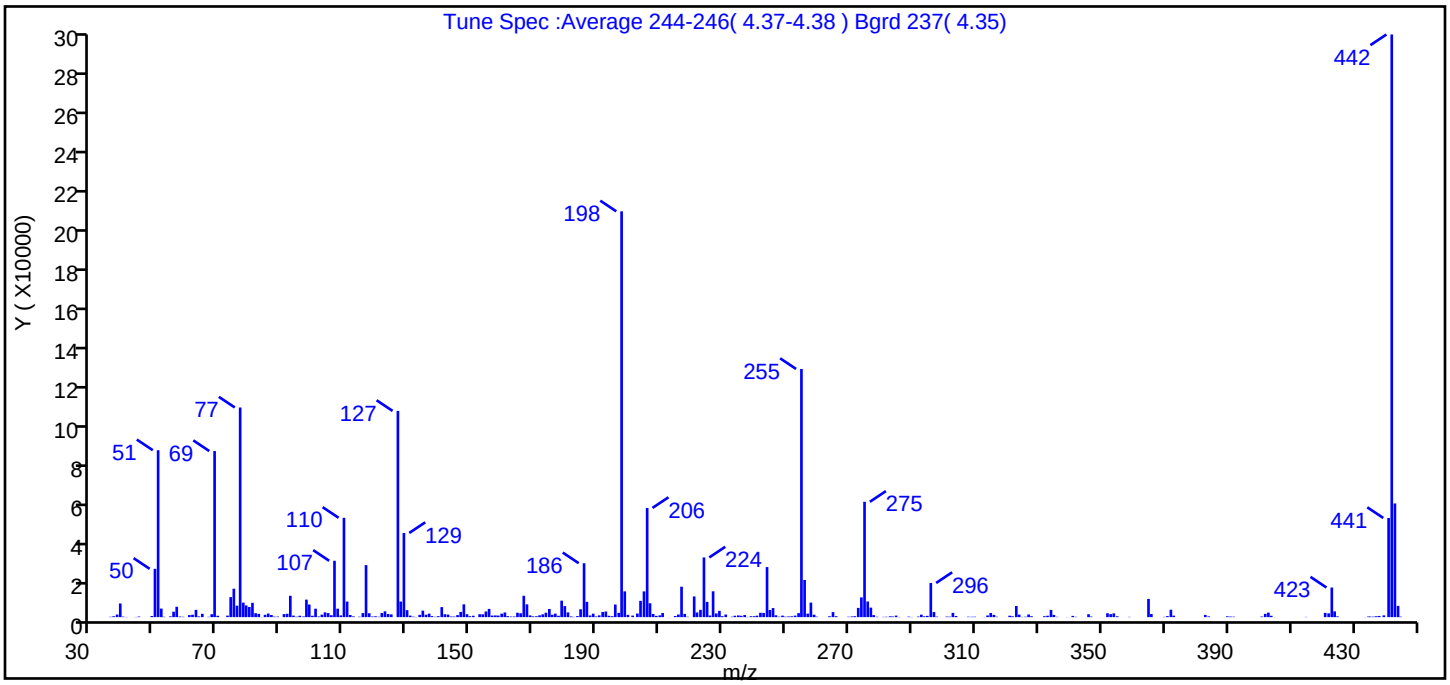
SMDFTP_CH_00036 Amount Added: 1.00 Units: mL

MS Tune Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20240417-174798.b\P84775.D
Injection Date: 17-Apr-2024 11:39:30 Instrument ID: CBNAMS18
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL
Tune Method: DFTPP Method 8270E, BP 198

123 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base peak or present	100.0
68	<2% of m/z 69	0.7 (1.8)
69	Present	40.9
70	<2% of m/z 69	0.3 (0.8)
197	<2% of m/z 198	1.1
199	5-9% of m/z 198	6.3
365	>1% of m/z 198	4.5
441	<150% of m/z 443	24.4 (87.2)
442	Present	143.6
443	15-24% of m/z 442	28.0 (19.5)

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20240417-174798.b\P84775.D\8270LVI_18.rslt\spectra.d
Injection Date: 17-Apr-2024 11:39:30
Spectrum: Tune Spec :Average 244-246(4.37-4.38) Bgrd 237(4.35)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 304

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	179	123.00	2973	201.00	796	292.00	289
37.00	465	124.00	1613	203.00	1842	293.00	1273
38.00	1329	125.00	1390	204.00	8320	294.00	408
39.00	6987	127.00	105376	205.00	13165	295.00	661
40.00	273	128.00	7970	206.00	55800	296.00	17464
41.00	98	129.00	43008	207.00	7091	297.00	2592
43.00	2	130.00	3582	208.00	1634	298.00	267
44.00	90	131.00	789	209.00	653	301.00	282
45.00	313	132.00	252	210.00	916	302.00	243
49.00	571	133.00	100	211.00	2118	303.00	2186
50.00	24688	134.00	1154	213.00	54	304.00	592
51.00	85296	135.00	3329	215.00	595	308.00	227
52.00	4368	136.00	1245	216.00	1343	309.00	197
53.00	187	137.00	1787	217.00	15555	310.00	218
55.00	404	138.00	520	218.00	1654	313.00	56
56.00	2797	139.00	176	219.00	201	314.00	847
57.00	5303	140.00	496	221.00	10588	315.00	2113
58.00	313	141.00	5127	222.00	2385	316.00	1148
59.00	196	142.00	1485	223.00	3726	317.00	214
61.00	1048	143.00	1299	224.00	30504	321.00	730
62.00	1243	144.00	313	225.00	7785	322.00	427
63.00	3730	145.00	302	226.00	840	323.00	5718
64.00	362	146.00	1036	227.00	13211	324.00	1304
65.00	1714	147.00	2655	228.00	1894	325.00	126
67.00	164	148.00	6543	229.00	3194	326.00	216
68.00	1496	149.00	1485	230.00	482	327.00	1366
69.00	84872	150.00	487	231.00	1324	328.00	459
70.00	708	151.00	715	233.00	228	332.00	479
73.00	782	153.00	1505	234.00	714	333.00	720
74.00	10223	154.00	1466	235.00	874	334.00	3695
75.00	14537	155.00	2898	236.00	690	335.00	1143
76.00	5870	156.00	4211	237.00	1080	336.00	172
77.00	107128	157.00	811	238.00	120	339.00	55

Report Date: 18-Apr-2024 07:59:51 Chrom Revision: 2.3 09-Apr-2024 17:43:44
Data File: \\chromfs\Edison\ChromData\CBNAMS18\20240417-174798.b\P84775.D\8270LVI_18.rslt\spectra.d
Injection Date: 17-Apr-2024 11:39:30
Spectrum: Tune Spec :Average 244-246(4.37-4.38) Bgrd 237(4.35)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 304

m/z	Y	m/z	Y	m/z	Y	m/z	Y
78.00	7407	158.00	877	239.00	466	341.00	648
79.00	5984	159.00	810	240.00	463	342.00	161
80.00	5180	160.00	1792	241.00	750	346.00	1482
81.00	7324	161.00	2381	242.00	2237	347.00	295
82.00	2014	162.00	524	243.00	2155	352.00	1990
83.00	1681	163.00	298	244.00	25584	353.00	1546
84.00	84	164.00	304	245.00	3654	354.00	1920
85.00	1187	165.00	2240	246.00	4638	355.00	436
86.00	1837	166.00	1965	247.00	955	359.00	146
87.00	1106	167.00	10907	248.00	231	365.00	9312
88.00	257	168.00	6535	249.00	767	366.00	1596
89.00	289	169.00	893	250.00	243	370.00	152
91.00	1554	170.00	399	251.00	363	371.00	537
92.00	1729	171.00	462	252.00	425	372.00	3786
93.00	10917	172.00	936	253.00	778	373.00	770
94.00	788	173.00	1420	254.00	2057	383.00	1127
95.00	222	174.00	2260	255.00	126808	384.00	374
96.00	715	175.00	4175	256.00	18992	390.00	429
97.00	341	176.00	1238	257.00	1786	391.00	296
98.00	8960	177.00	1788	258.00	7432	392.00	228
99.00	6440	178.00	705	259.00	1237	401.00	314
100.00	700	179.00	8418	260.00	242	402.00	1687
101.00	4321	180.00	5647	264.00	475	403.00	2314
102.00	326	181.00	2421	265.00	2575	404.00	697
103.00	1278	182.00	356	266.00	479	405.00	51
104.00	2452	183.00	136	270.00	205	415.00	125
105.00	2090	184.00	546	271.00	350	421.00	2196
106.00	980	185.00	4008	272.00	486	422.00	1932
107.00	28800	186.00	27552	273.00	4727	423.00	15130
108.00	4327	187.00	7798	274.00	10094	424.00	2935
109.00	884	188.00	861	275.00	58944	425.00	376
110.00	50752	189.00	1786	276.00	8004	434.00	50
111.00	7954	190.00	335	277.00	4866	435.00	313
112.00	1107	191.00	914	278.00	1027	435.00	283

Report Date: 18-Apr-2024 07:59:51 Chrom Revision: 2.3 09-Apr-2024 17:43:44
Data File: \\chromfs\Edison\ChromData\CBNAMS18\20240417-174798.b\P84775.D\8270LVI_18.rslt\spectra.d
Injection Date: 17-Apr-2024 11:39:30
Spectrum: Tune Spec :Average 244-246(4.37-4.38) Bgrd 237(4.35)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 304

m/z	Y	m/z	Y	m/z	Y	m/z	Y
113.00	382	192.00	2660	279.00	205	436.00	272
115.00	226	193.00	2884	281.00	132	437.00	447
116.00	2067	194.00	694	282.00	190	438.00	614
117.00	26592	195.00	475	283.00	423	440.00	901
118.00	1997	196.00	6466	284.00	334	441.00	50672
119.00	305	197.00	2178	285.00	790	442.00	297728
120.00	445	198.00	207360	286.00	103	443.00	58096
121.00	189	199.00	13167	289.00	247	444.00	5743
122.00	2106	200.00	1187	290.00	107	445.00	238

Breakdown Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20240417-174798.b\P84775.D
Injection Date: 17-Apr-2024 11:39:30 Instrument ID: CBNAMS18
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL

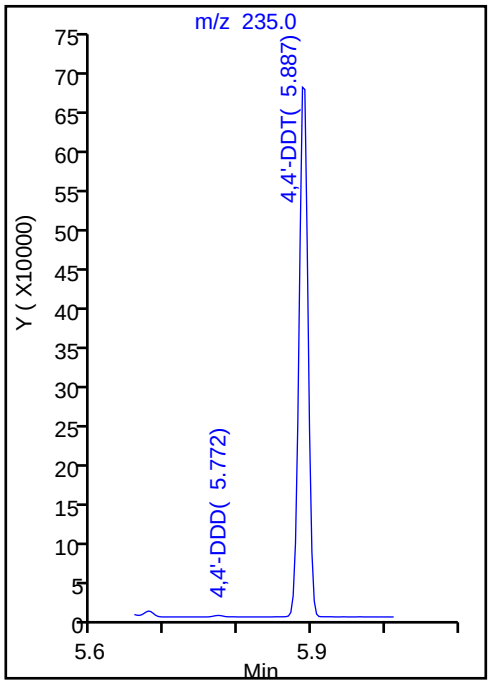
126 4,4'-DDT, Detector: MS SCAN

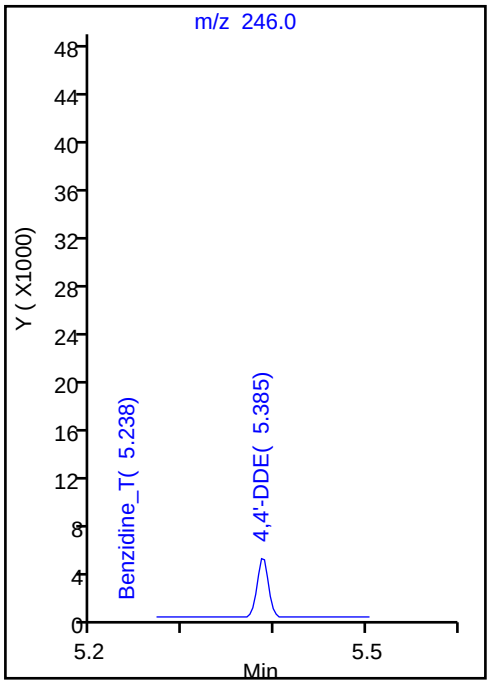
SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

126 4,4'-DDT, Area = 583308
125 4,4'-DDD, Area = 1741
124 4,4'-DDE, Area = 4241

%Breakdown: 1.02%, <= 20.00%
Passed





Peak Tailing Report

Eurofins Edison

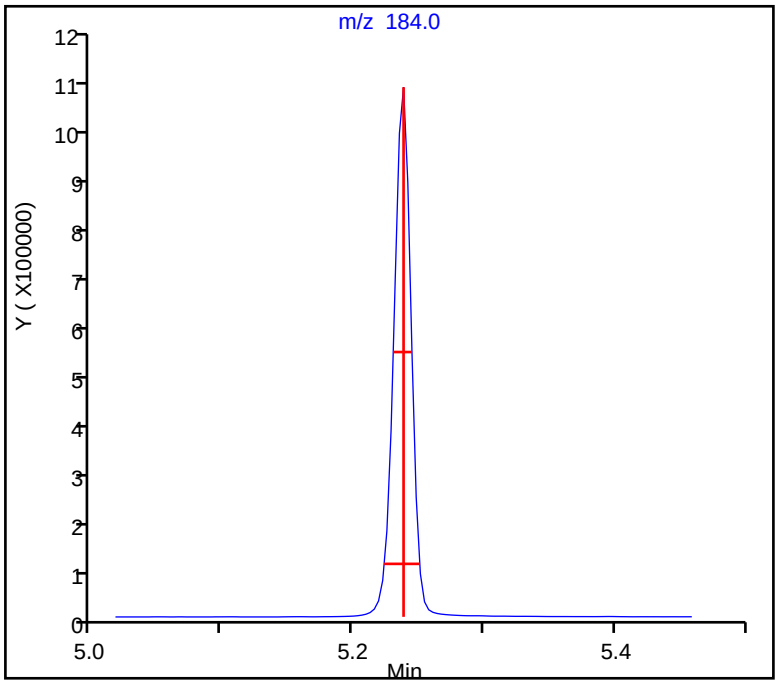
Data File: \\chromfs\Edison\ChromData\CBNAMS18\20240417-174798.b\P84775.D
Injection Date: 17-Apr-2024 11:39:30 Instrument ID: CBNAMS18
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL

43 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.012 (min.)
Front Width = 0.015 (min.)

Tailing Factor = 0.80, Max. Tailing <= 2.00
Passed



Peak Tailing Report

Eurofins Edison

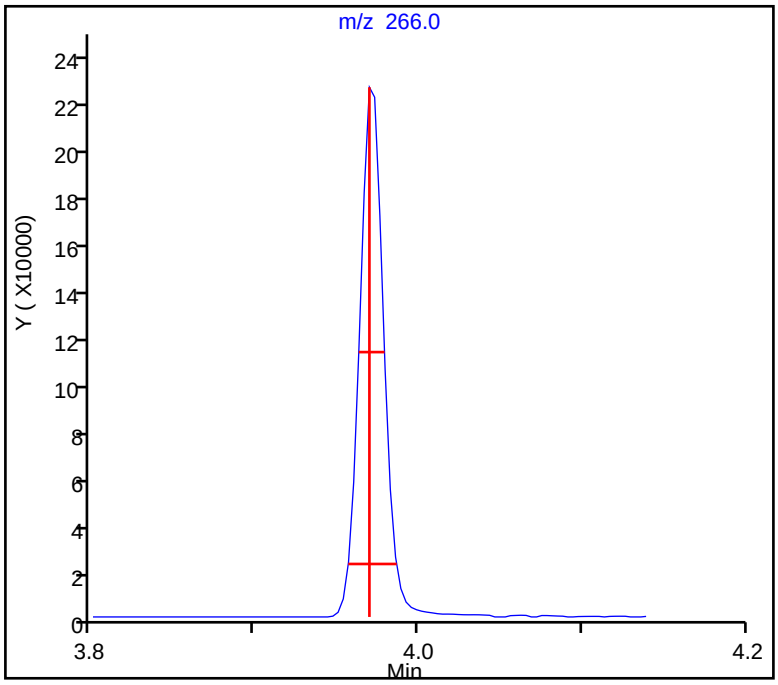
Data File: \\chromfs\Edison\ChromData\CBNAMS18\20240417-174798.b\P84775.D
Injection Date: 17-Apr-2024 11:39:30 Instrument ID: CBNAMS18
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_18 Limit Group: SV 8270E ICAL

16 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.017 (min.)
Front Width = 0.013 (min.)

Tailing Factor = 1.31, Max. Tailing <= 2.00
Passed



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-303245-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-973025/1-A

Matrix: Water | Lab File ID: P84988.D

Analysis Method: 8270E | Date Collected:

Extract. Method: 3510C | Date Extracted: 05/04/2024 11:38

Sample wt/vol: 250(mL) | Date Analyzed: 05/04/2024 15:00

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 973040 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-12-7	Anthracene	1.3	U	10	1.3
56-55-3	Benzo[a]anthracene	0.59	U	1.0	0.59
50-32-8	Benzo[a]pyrene	0.41	U	1.0	0.41
205-99-2	Benzo[b]fluoranthene	0.68	U	2.0	0.68
191-24-2	Benzo[g,h,i]perylene	0.70	U	10	0.70
218-01-9	Chrysene	0.91	U	2.0	0.91
86-73-7	Fluorene	0.91	U	10	0.91
85-01-8	Phenanthrene	1.3	U	10	1.3
129-00-0	Pyrene	1.6	U	10	1.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	95		46-139
4165-60-0	Nitrobenzene-d5 (Surr)	94		51-145
1718-51-0	Terphenyl-d14 (Surr)	68		13-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20240504-175464.b\P84988.D
Lims ID: MB 460-973025/1-A
Client ID:
Sample Type: MB
Inject. Date: 04-May-2024 15:00:30 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0175464-004
Operator ID: Instrument ID: CBNAMS18

Method: \\chromfs\Edison\ChromData\CBNAMS18\20240504-175464.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 05-May-2024 10:10:22 Calib Date: 17-Apr-2024 18:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20240417-174798.b\P84794.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1619

First Level Reviewer: G4KC Date: 05-May-2024 10:10:22

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	2.597	2.591	0.006	96	473192	10.0	6.74	
$ 6 Phenol-d5	99	3.491	3.495	-0.004	99	398194	10.0	4.74	
* 14 1,4-Dichlorobenzene-d4	152	3.816	3.814	0.002	95	442562	8.00	8.00	
$ 28 Nitrobenzene-d5	82	4.362	4.364	-0.002	89	659928	10.0	9.36	
* 38 Naphthalene-d8	136	5.051	5.051	0.000	99	1656873	8.00	8.00	
$ 53 2-Fluorobiphenyl	172	6.101	6.103	-0.002	98	1490602	10.0	9.45	
* 64 Acenaphthene-d10	164	6.721	6.723	-0.002	95	858004	8.00	8.00	
$ 79 2,4,6-Tribromophenol	330	7.467	7.471	-0.004	91	241020	10.0	8.28	
* 88 Phenanthrene-d10	188	8.115	8.117	-0.002	98	1442497	8.00	8.00	
$ 97 Terphenyl-d14	244	9.638	9.639	-0.001	97	999450	10.0	6.80	
* 103 Chrysene-d12	240	10.631	10.636	-0.005	99	949621	8.00	8.00	
* 110 Perylene-d12	264	12.292	12.292	0.000	99	1017970	8.00	8.00	

QC Flag Legend
Processing Flags

Reagents:
SM_ISTD_LVI_00197 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 05-May-2024 10:10:23 Chrom Revision: 2.3 26-Apr-2024 12:18:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20240504-175464.b\P84988.D

Injection Date: 04-May-2024 15:00:30 Instrument ID: CBNAMS18 Operator ID:

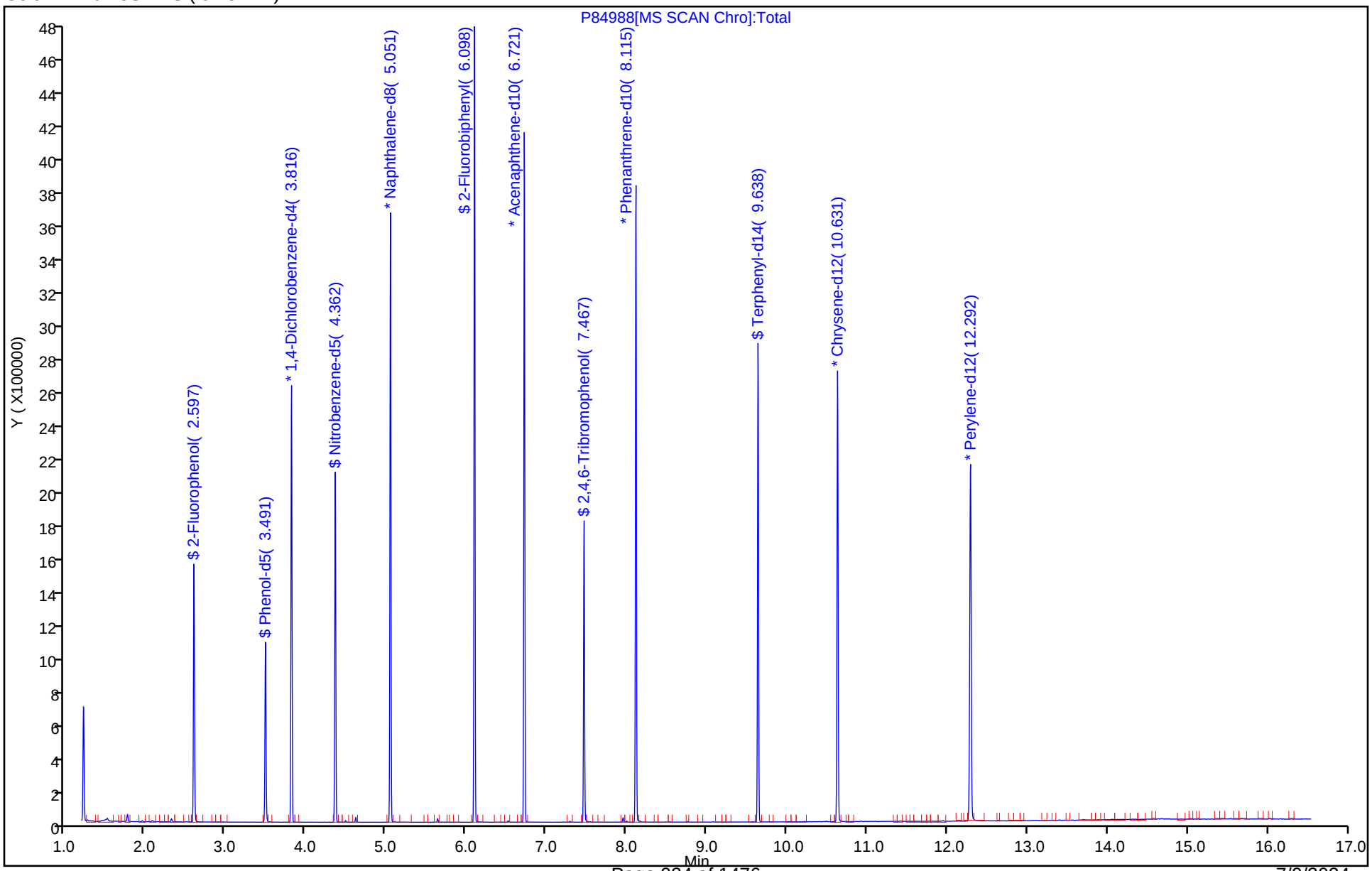
Lims ID: MB 460-973025/1-A Worklist Smp#: 4

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8270LVI_18 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



7/9/2024
8:32:15 AM

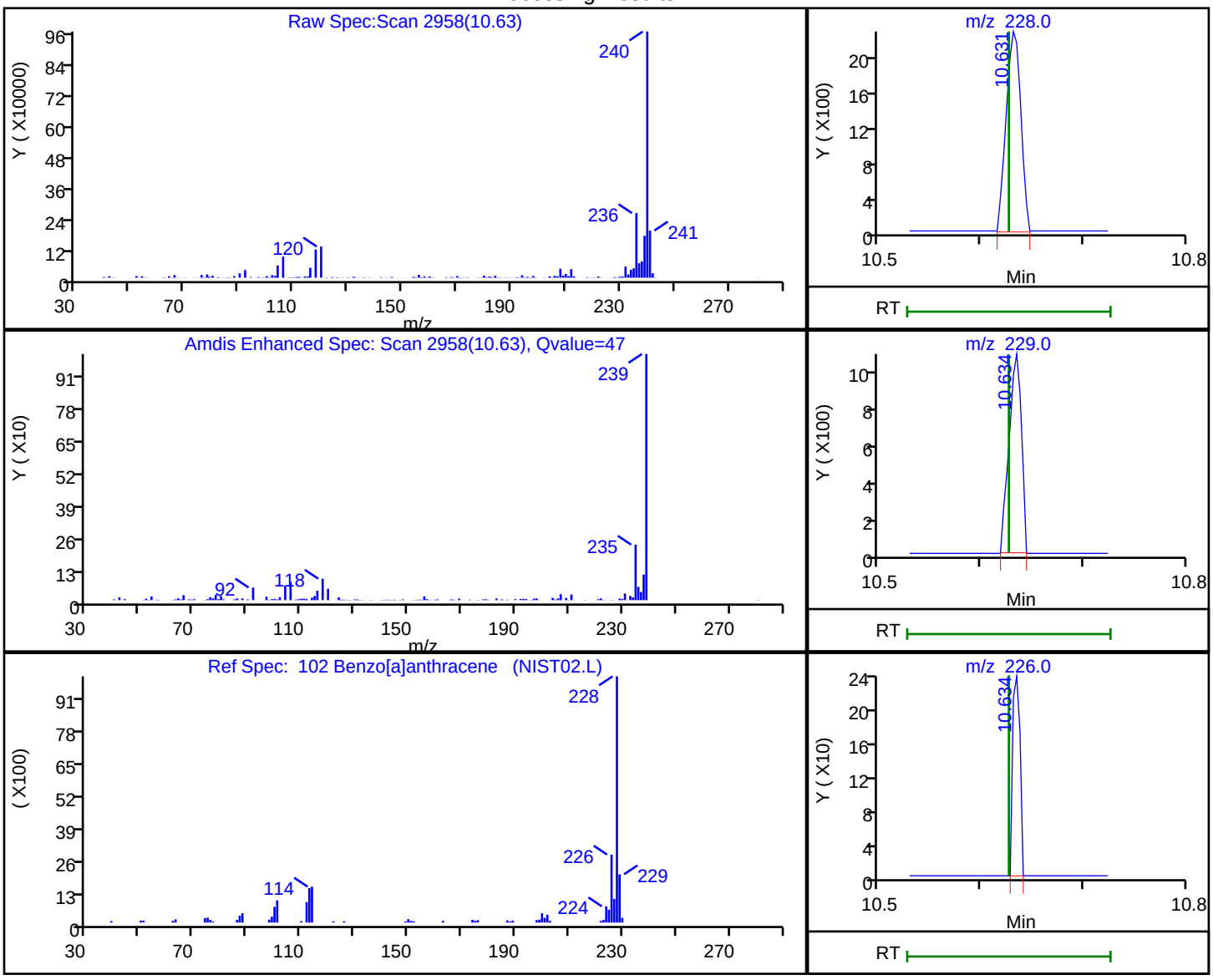
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240504-175464.b\P84988.D				
Injection Date:	04-May-2024 15:00:30	Instrument ID:	CBNAMS18		
Lims ID:	MB 460-973025/1-A				
Client ID:					
Operator ID:		ALS Bottle#:	4	Worklist Smp#:	4
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

102 Benzo[a]anthracene, CAS: 56-55-3

Processing Results



RT	Mass	Response	Amount
10.63	228.00	2283	0.015004
10.63	229.00	852	
10.63	226.00	120	

Reviewer: G4KC, 05-May-2024 10:09:54 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

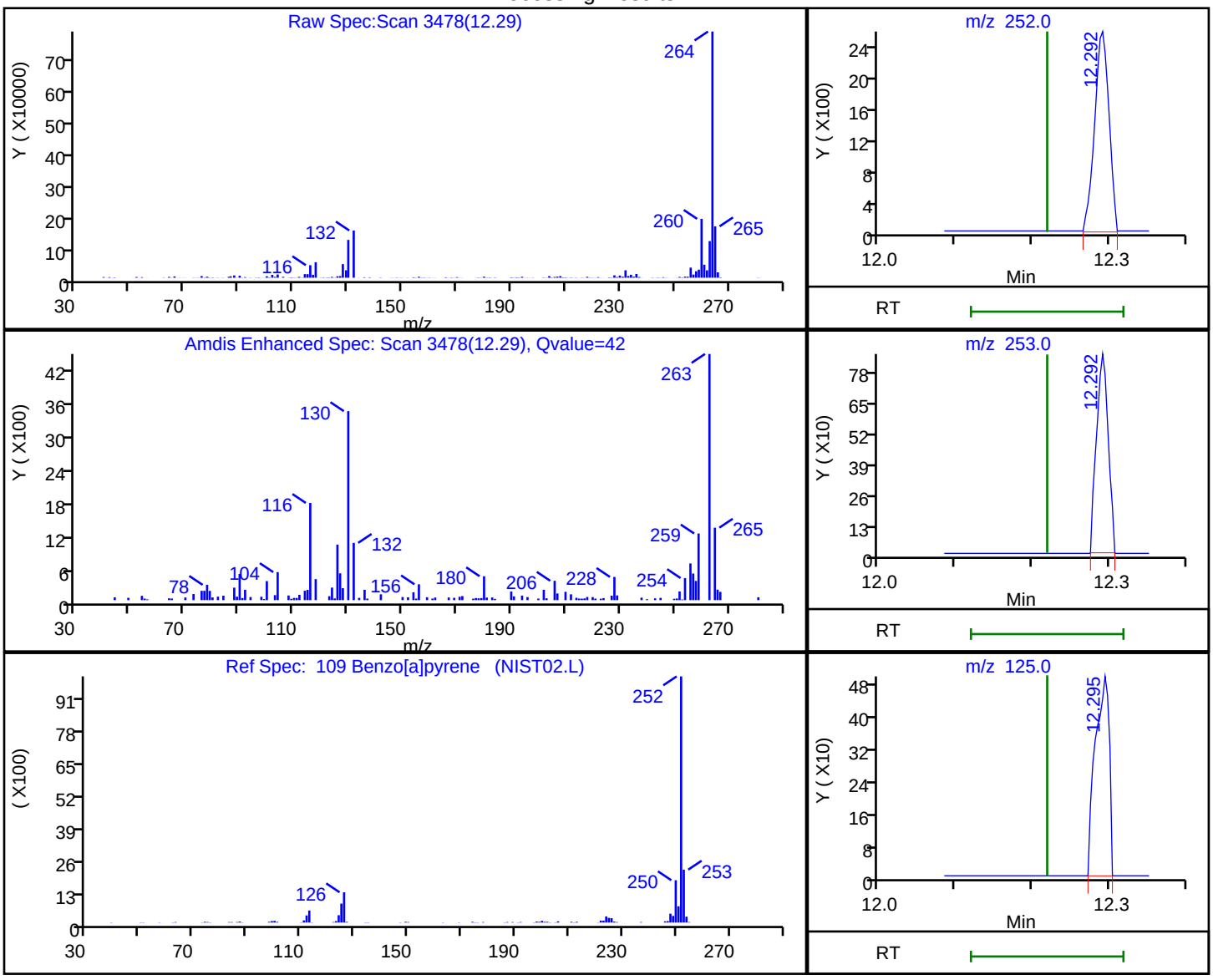
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240504-175464.b\P84988.D				
Injection Date:	04-May-2024 15:00:30	Instrument ID:	CBNAMS18		
Lims ID:	MB 460-973025/1-A				
Client ID:					
Operator ID:		ALS Bottle#:	4	Worklist Smp#:	4
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

109 Benzo[a]pyrene, CAS: 50-32-8

Processing Results



RT	Mass	Response	Amount
12.29	252.00	3272	0.026441
12.29	253.00	917	
12.29	125.00	628	

Reviewer: G4KC, 05-May-2024 10:09:55 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

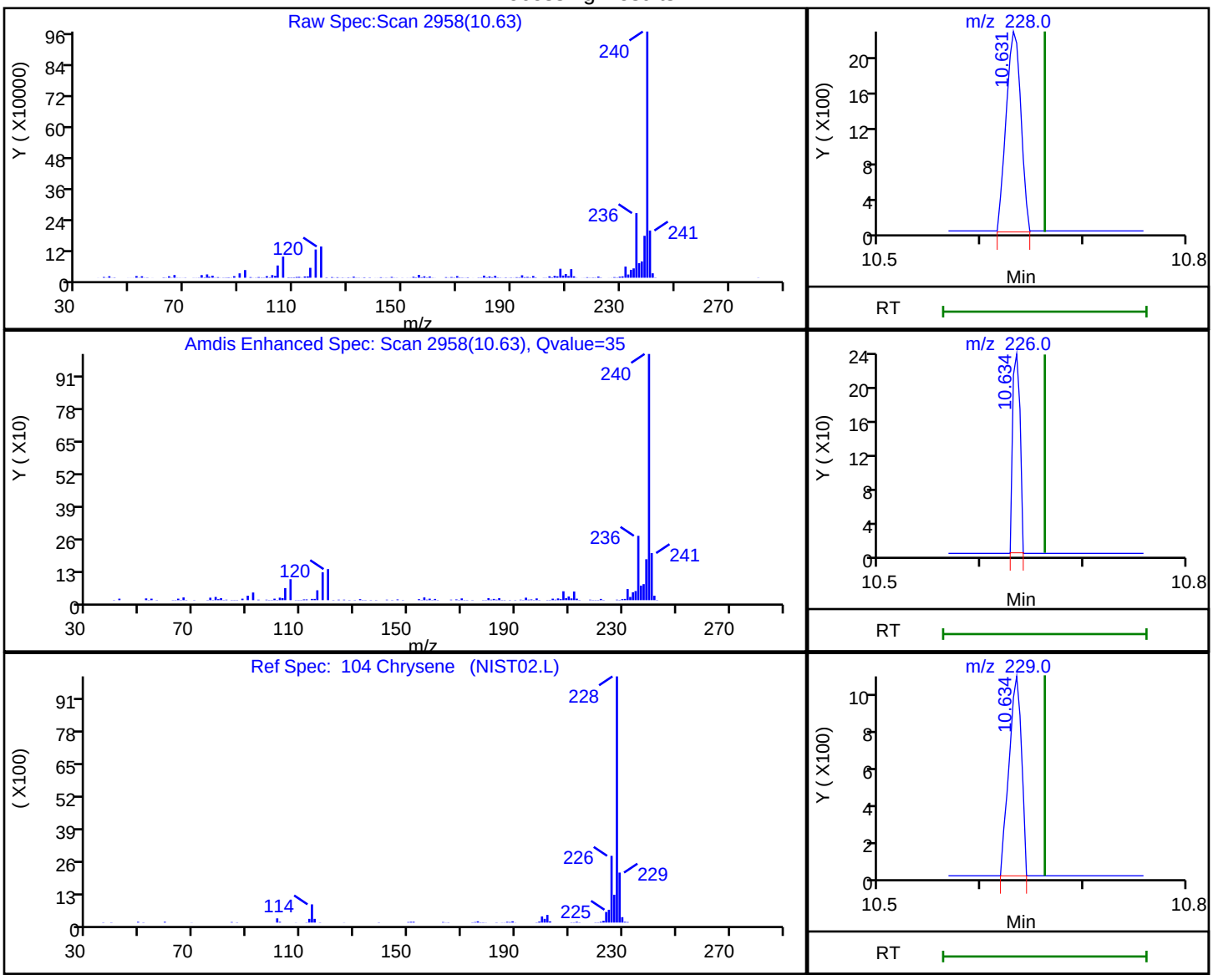
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS18\20240504-175464.b\P84988.D				
Injection Date:	04-May-2024 15:00:30	Instrument ID:	CBNAMS18		
Lims ID:	MB 460-973025/1-A				
Client ID:					
Operator ID:		ALS Bottle#:	4	Worklist Smp#:	4
Injection Vol:	5.0 ul	Dil. Factor:	1.0000		
Method:	8270LVI_18	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

104 Chrysene, CAS: 218-01-9

Processing Results



RT	Mass	Response	Amount
10.63	228.00	2283	0.015744
10.63	226.00	120	
10.63	229.00	852	

Reviewer: G4KC, 05-May-2024 10:09:54 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-303245-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-973724/1-A

Matrix: Solid | Lab File ID: Z85750.d

Analysis Method: 8270E | Date Collected:

Extract. Method: 3546 | Date Extracted: 05/08/2024 18:21

Sample wt/vol: 15.00(g) | Date Analyzed: 05/09/2024 06:41

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 973784 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-12-7	Anthracene	0.010	U	0.33	0.010
56-55-3	Benzo[a]anthracene	0.025	U	0.033	0.025
50-32-8	Benzo[a]pyrene	0.0088	U	0.033	0.0088
205-99-2	Benzo[b]fluoranthene	0.0086	U	0.033	0.0086
191-24-2	Benzo[g,h,i]perylene	0.0098	U	0.33	0.0098
218-01-9	Chrysene	0.014	U	0.33	0.014
86-73-7	Fluorene	0.0097	U	0.33	0.0097
85-01-8	Phenanthrene	0.014	U	0.33	0.014
129-00-0	Pyrene	0.0082	U	0.33	0.0082

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	99		48-120
4165-60-0	Nitrobenzene-d5 (Surr)	102		38-120
1718-51-0	Terphenyl-d14 (Surr)	105		25-126

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20240509-175638.b\Z85750.d
Lims ID: MB 460-973724/1-A
Client ID:
Sample Type: MB
Inject. Date: 09-May-2024 06:41:30 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0175638-004
Operator ID: Instrument ID: CBNAMS11

Method: \\chromfs\Edison\ChromData\CBNAMS11\20240509-175638.b\8270_11R_9.m
Limit Group: SV 8270E ICAL
Last Update: 09-May-2024 08:45:53 Calib Date: 26-Apr-2024 09:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS11\20240426-175162.b\Z85458.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1671

First Level Reviewer: QQ8R Date: 09-May-2024 08:46:15

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	2.501	2.495	0.003	98	408782	50.0	51.8	
$ 6 Phenol-d5	99	3.414	3.417	-0.006	94	550106	50.0	54.2	
* 14 1,4-Dichlorobenzene-d4	152	3.774	3.778	-0.004	94	251165	40.0	40.0	
$ 26 Nitrobenzene-d5	82	4.342	4.342	-0.005	85	445470	50.0	51.1	
* 38 Naphthalene-d8	136	5.031	5.037	-0.006	99	982015	40.0	40.0	
$ 51 2-Fluorobiphenyl	172	6.093	6.093	-0.005	98	1001356	50.0	49.4	
* 65 Acenaphthene-d10	164	6.728	6.731	-0.003	95	547496	40.0	40.0	
61 1-Naphthylamine	143	7.484	7.471	0.007	58	46174		NC	
$ 80 2,4,6-Tribromophenol	330	7.484	7.486	-0.008	90	225417	50.0	48.2	
* 87 Phenanthrene-d10	188	8.145	8.151	-0.006	98	1027237	40.0	40.0	
$ 96 Terphenyl-d14	244	9.689	9.680	0.001	97	1249115	50.0	52.6	
* 102 Chrysene-d12	240	10.713	10.723	-0.010	99	797930	40.0	40.0	
* 109 Perylene-d12	264	12.446	12.455	-0.009	99	924747	40.0	40.0	

QC Flag Legend

Processing Flags
NC - Not Calibrated

Reagents:

SM_ISTD_00197 Amount Added: 20.00 Units: uL Run Reagent

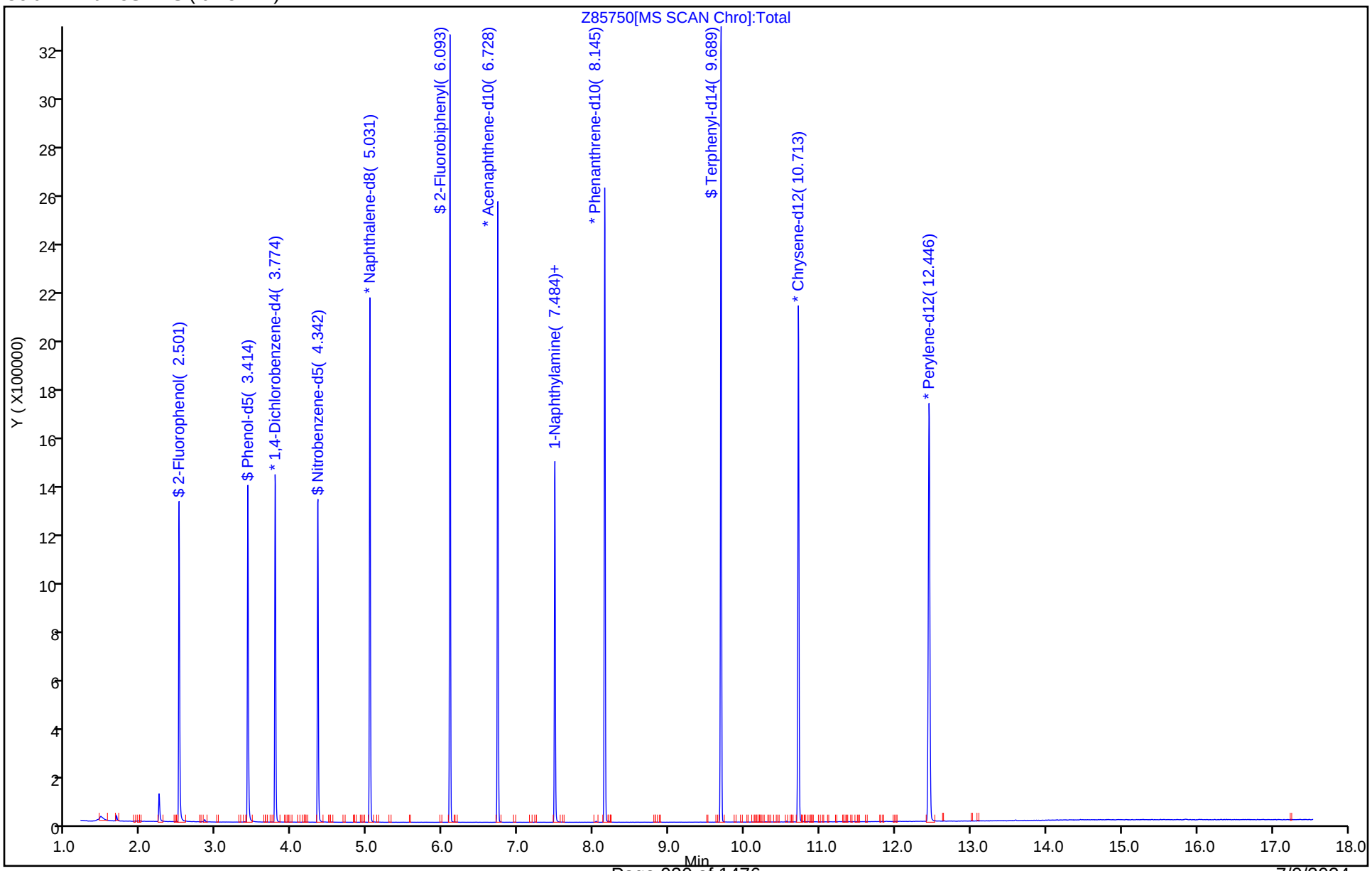
Report Date: 09-May-2024 08:46:16 Chrom Revision: 2.3 01-May-2024 15:52:26

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20240509-175638.b\Z85750.d

Injection Date:	09-May-2024 06:41:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	MB 460-973724/1-A			Worklist Smp#:	4
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8270_11R_9	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



7/9/2024
8:32:15 AM

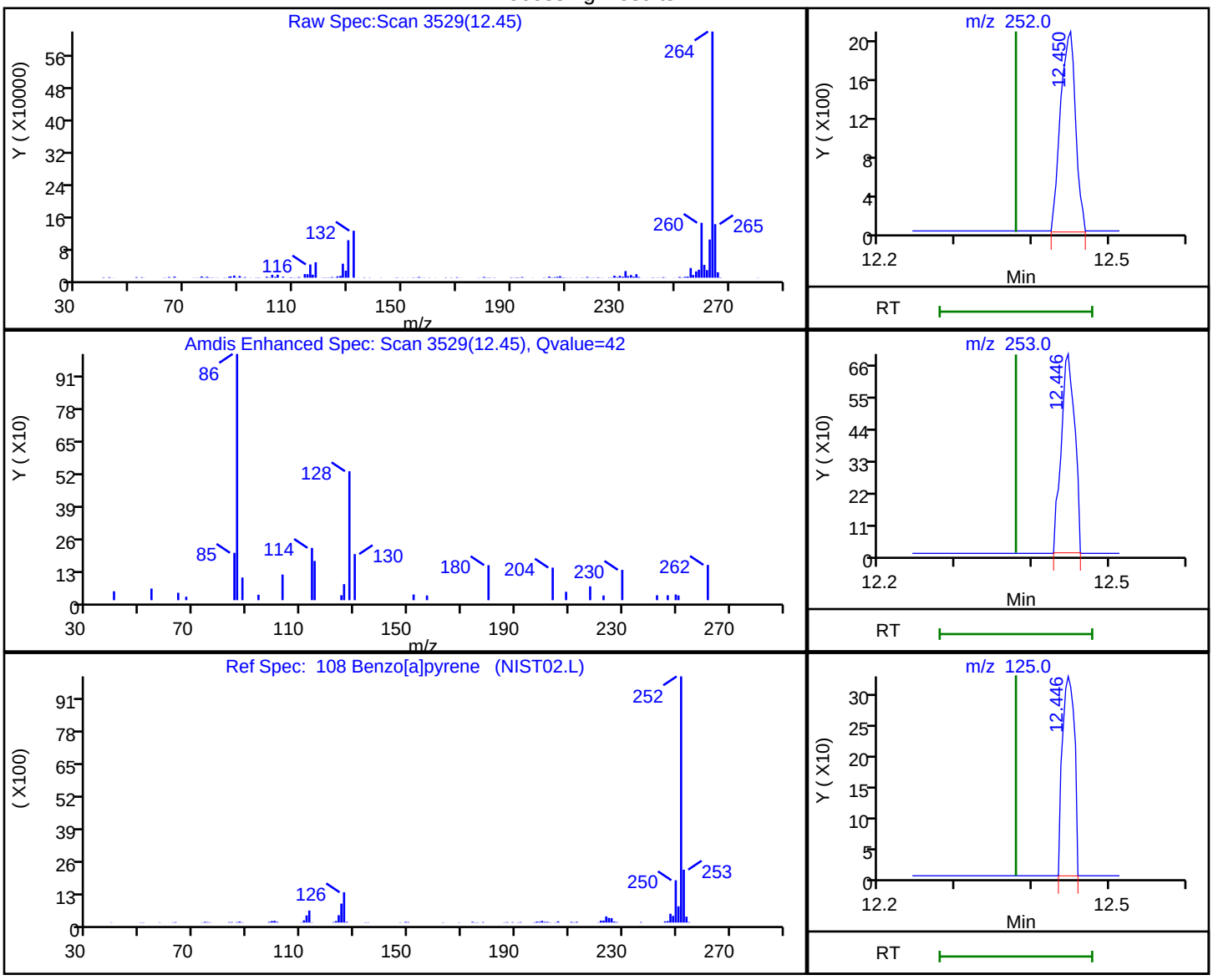
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20240509-175638.b\Z85750.d				
Injection Date:	09-May-2024 06:41:30	Instrument ID:	CBNAMS11		
Lims ID:	MB 460-973724/1-A				
Client ID:					
Operator ID:		ALS Bottle#:	4	Worklist Smp#:	4
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

108 Benzo[a]pyrene, CAS: 50-32-8

Processing Results



RT	Mass	Response	Amount
12.45	252.00	2744	0.117187
12.45	253.00	852	
12.45	125.00	356	

Reviewer: QQ8R, 09-May-2024 07:03:25 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-303245-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-973025/2-A

Matrix: Water | Lab File ID: P84989.D

Analysis Method: 8270E | Date Collected:

Extract. Method: 3510C | Date Extracted: 05/04/2024 11:38

Sample wt/vol: 250(mL) | Date Analyzed: 05/04/2024 15:45

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 973040 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-12-7	Anthracene	68.4		10	1.3
56-55-3	Benzo[a]anthracene	71.1		1.0	0.59
50-32-8	Benzo[a]pyrene	77.2		1.0	0.41
205-99-2	Benzo[b]fluoranthene	75.4		2.0	0.68
191-24-2	Benzo[g,h,i]perylene	73.0		10	0.70
218-01-9	Chrysene	68.0		2.0	0.91
86-73-7	Fluorene	62.8		10	0.91
85-01-8	Phenanthrene	68.4		10	1.3
129-00-0	Pyrene	67.2		10	1.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	70		46-139
4165-60-0	Nitrobenzene-d5 (Surr)	73		51-145
1718-51-0	Terphenyl-d14 (Surr)	64		13-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20240504-175464.b\P84989.D
Lims ID: LCS 460-973025/2-A
Client ID:
Sample Type: LCS
Inject. Date: 04-May-2024 15:45:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0175464-005
Operator ID: Instrument ID: CBNAMS18

Method: \\chromfs\Edison\ChromData\CBNAMS18\20240504-175464.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 05-May-2024 10:10:22 Calib Date: 17-Apr-2024 18:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20240417-174798.b\P84794.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1619

First Level Reviewer: U6BX Date: 04-May-2024 16:05:45

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.381	1.368	0.013	92	83803	10.0	3.55	
2 N-Nitrosodimethylamine	74	1.576	1.564	0.013	92	133725	10.0	3.62	
3 Pyridine	79	1.598	1.586	0.013	97	348607	20.0	6.47	
$ 4 2-Fluorophenol	112	2.597	2.591	0.006	96	200637	10.0	3.33	
5 Benzaldehyde	77	3.389	3.388	0.003	95	151888	5.00	3.24	
$ 6 Phenol-d5	99	3.494	3.495	-0.001	97	147943	10.0	2.06	
8 Aniline	93	3.501	3.500	0.003	98	416288	10.0	5.33	
7 Phenol	94	3.504	3.506	0.000	95	195523	10.0	2.50	
9 Bis(2-chloroethyl)ether	93	3.568	3.570	0.000	99	426545	10.0	7.54	
10 Benzonitrile	103	3.574	3.578	-0.004	98	781700	NC	NC	
11 2-Chlorophenol	128	3.616	3.616	0.000	97	387937	10.0	6.23	
12 n-Decane	43	3.670	3.671	0.000	88	177739	10.0	3.78	
13 1,3-Dichlorobenzene	146	3.760	3.759	0.003	97	319725	10.0	4.46	
* 14 1,4-Dichlorobenzene-d4	152	3.817	3.814	0.003	95	379071	8.00	8.00	
15 1,4-Dichlorobenzene	146	3.833	3.835	0.000	96	328929	10.0	4.50	
17 Benzyl alcohol	108	3.967	3.973	-0.004	95	201083	10.0	5.11	
18 1,2-Dichlorobenzene	146	3.980	3.979	0.003	97	323259	10.0	4.55	
21 2,2'-oxybis[1-chloropropane]	45	4.095	4.101	-0.004	92	433025	10.0	6.91	
20 2-Methylphenol	108	4.098	4.101	-0.001	89	277935	10.0	5.05	
22 N-Methylaniline	106	4.213	4.214	-0.001	99	607864	10.0	6.89	
23 Acetophenone	105	4.220	4.216	-0.003	96	629375	10.0	6.94	
24 N-Nitrosodi-n-propylamine	70	4.226	4.232	-0.004	87	285454	10.0	7.32	
26 4-Methylphenol	108	4.255	4.257	0.000	96	252616	10.0	4.30	
25 3 & 4 Methylphenol	108	4.255	4.257	0.000	62	254719	10.0	4.33	
27 Hexachloroethane	117	4.303	4.305	0.000	94	105743	10.0	4.17	
$ 28 Nitrobenzene-d5	82	4.363	4.364	-0.001	85	432183	10.0	7.28	
29 Nitrobenzene	123	4.383	4.383	0.000	99	231000	10.0	7.28	
30 n,n'-Dimethylaniline	120	4.386	4.388	0.000	97	642140	10.0	6.48	
31 Isophorone	82	4.616	4.616	0.000	99	769958	10.0	7.82	
32 2-Nitrophenol	139	4.692	4.693	-0.001	96	238401	10.0	7.43	
33 2,4-Dimethylphenol	122	4.763	4.764	0.000	92	279151	10.0	6.46	
34 Bis(2-chloroethoxy)methane	93	4.846	4.847	0.000	97	504939	10.0	7.57	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	4.849	4.882	-0.033	89	57884	10.0	2.23	
36 2,4-Dichlorophenol	162	4.935	4.936	-0.001	97	356693	10.0	7.15	
37 1,2,4-Trichlorobenzene	180	5.002	5.003	-0.001	94	270131	10.0	4.92	
* 38 Naphthalene-d8	136	5.053	5.051	0.002	99	1395995	8.00	8.00	
39 Naphthalene	128	5.073	5.074	0.000	99	1026077	10.0	5.67	
40 4-Chloroaniline	127	5.146	5.147	-0.001	98	472907	10.0	7.97	
41 2,6-Dichlorophenol	162	5.146	5.147	-0.001	98	361943	10.0	7.12	
42 Hexachlorobutadiene	225	5.201	5.202	0.000	97	135492	10.0	4.25	
44 Caprolactam	113	5.462	5.467	-0.004	96	8440	5.00	0.7122	
45 4-Chloro-3-methylphenol	107	5.638	5.639	-0.001	95	298748	10.0	6.42	
46 2-Methylnaphthalene	142	5.740	5.742	-0.001	85	717379	10.0	5.81	
47 1-Methylnaphthalene	142	5.830	5.831	-0.001	93	659872	10.0	5.75	
48 Hexachlorocyclopentadiene	237	5.894	5.893	-0.001	97	95191	10.0	2.94	
49 1,2,4,5-Tetrachlorobenzene	216	5.900	5.899	-0.001	98	341182	10.0	6.64	
50 2-tertbutyl-4-methylphenol	149	5.967	5.969	-0.001	92	499480	10.0	7.11	
51 2,4,6-Trichlorophenol	196	6.022	6.020	-0.001	91	260591	10.0	8.28	
52 2,4,5-Trichlorophenol	196	6.063	6.062	-0.001	98	274022	10.0	7.87	
$ 53 2-Fluorobiphenyl	172	6.102	6.103	-0.001	98	900162	10.0	7.03	
54 1,1'-Biphenyl	154	6.191	6.192	-0.001	96	946544	10.0	6.93	
55 2-Chloronaphthalene	162	6.201	6.196	0.002	98	718898	10.0	6.85	
56 Phenyl ether	170	6.293	6.295	-0.002	84	485444	10.0	6.53	
57 2-Nitroaniline	65	6.313	6.311	-0.001	96	212745	10.0	8.35	
58 1,3-Dimethylnaphthalene	156	6.412	6.410	-0.001	92	543557	10.0	6.49	
60 Coumarin	146	6.501	6.503	-0.001	81	287117	10.0	6.58	
59 Dimethyl phthalate	163	6.504	6.500	0.002	99	920279	10.0	8.10	
61 2,6-Dinitrotoluene	165	6.552	6.551	-0.002	96	206766	10.0	8.65	
62 Acenaphthylene	152	6.588	6.586	-0.001	98	1141901	10.0	7.19	
63 3-Nitroaniline	138	6.706	6.705	-0.001	96	193767	10.0	7.67	
* 64 Acenaphthene-d10	164	6.725	6.723	0.002	95	696424	8.00	8.00	
65 Acenaphthene	154	6.754	6.755	-0.001	95	694639	10.0	7.19	
66 3,5-di-tert-butyl-4-hydroxytol	205	6.773	6.772	-0.001	97	552138	10.0	6.67	
67 2,4-Dinitrophenol	184	6.808	6.804	0.002	96	257954	20.0	15.3	
68 4-Nitrophenol	65	6.911	6.906	0.003	82	111857	20.0	6.15	
70 Dibenzofuran	168	6.920	6.916	0.002	98	1109463	10.0	7.31	
69 2,4-Dinitrotoluene	165	6.930	6.925	0.002	96	280354	10.0	8.78	
71 2,3,4,6-Tetrachlorophenol	232	7.048	7.047	-0.001	95	227547	10.0	8.05	
72 Diethyl phthalate	149	7.173	7.171	-0.001	98	891546	10.0	7.90	
73 Fluorene	166	7.240	7.238	-0.001	94	903760	10.0	7.85	
74 4-Chlorophenyl phenyl ether	204	7.256	7.255	-0.001	91	426031	10.0	7.69	
75 4-Nitroaniline	138	7.285	7.283	-0.001	86	202109	10.0	8.54	
76 4,6-Dinitro-2-methylphenol	198	7.310	7.310	-0.002	90	342562	20.0	18.8	
77 N-Nitrosodiphenylamine	169	7.371	7.372	-0.001	98	651339	10.0	8.65	
131 Azobenzene	77	7.403	7.404	-0.001	0	831677	10.0	8.31	
78 1,2-Diphenylhydrazine	77	7.403	7.404	-0.001	98	831677	10.0	8.31	
$ 79 2,4,6-Tribromophenol	330	7.470	7.471	-0.001	91	179368	10.0	7.59	
80 4-Bromophenyl phenyl ether	248	7.713	7.709	0.002	94	261017	10.0	8.41	
82 Hexachlorobenzene	284	7.758	7.754	0.002	96	336509	10.0	8.75	
83 Atrazine	200	7.895	7.891	0.002	95	103997	5.00	4.25	
84 Pentachlorophenol	266	7.956	7.952	0.002	94	433849	20.0	16.7	
85 Pentachloronitrobenzene	237	7.963	7.962	-0.001	90	109262	10.0	7.97	
87 n-Octadecane	57	8.075	8.076	-0.001	89	500681	10.0	9.16	
* 88 Phenanthrene-d10	188	8.116	8.117	-0.001	98	1171341	8.00	8.00	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
89 Phenanthrene	178	8.139	8.137	0.002	97	1302505	10.0	8.55	
90 Anthracene	178	8.187	8.188	-0.001	99	1311668	10.0	8.56	
91 Carbazole	167	8.353	8.352	-0.001	96	1208323	10.0	9.13	
92 Di-n-butyl phthalate	149	8.717	8.716	-0.001	99	1409607	10.0	9.45	
93 Fluoranthene	202	9.254	9.253	-0.001	98	1325284	10.0	9.08	
94 Benzidine	184	9.407	9.400	0.002	99	265734	10.0	5.97	
95 Pyrene	202	9.462	9.458	-0.001	97	1372715	10.0	8.40	
96 Bisphenol-A	213	9.558	9.559	-0.001	99	172639	5.00	3.60	
$ 97 Terphenyl-d14	244	9.641	9.639	0.002	97	848304	10.0	6.39	
98 Butyl benzyl phthalate	149	10.127	10.123	-0.001	96	538452	10.0	9.40	
100 Carbamazepine	193	10.203	10.201	0.002	92	334032	10.0	7.82	
102 Benzo[a]anthracene	228	10.625	10.626	-0.001	99	1222521	10.0	8.89	
101 3,3'-Dichlorobenzidine	252	10.625	10.621	-0.001	99	422642	10.0	8.07	
* 103 Chrysene-d12	240	10.635	10.636	-0.001	99	858151	8.00	8.00	
104 Chrysene	228	10.661	10.662	-0.001	98	1114404	10.0	8.50	
105 Bis(2-ethylhexyl) phthalate	149	10.734	10.730	-0.001	85	742826	10.0	9.46	
106 Di-n-octyl phthalate	149	11.473	11.473	-0.001	96	1176778	10.0	8.88	
107 Benzo[b]fluoranthene	252	11.827	11.828	-0.002	98	1105097	10.0	9.42	
108 Benzo[k]fluoranthene	252	11.860	11.860	-0.001	99	1148702	10.0	9.36	
109 Benzo[a]pyrene	252	12.218	12.219	-0.001	98	1003553	10.0	9.65	
* 110 Perylene-d12	264	12.291	12.292	-0.001	99	855828	8.00	8.00	
111 Indeno[1,2,3-cd]pyrene	276	13.672	13.673	-0.002	99	1129515	10.0	9.47	
112 Dibenz(a,h)anthracene	278	13.717	13.718	-0.002	98	1111462	10.0	9.13	
113 Benzo[g,h,i]perylene	276	14.008	14.009	-0.002	98	1064254	10.0	9.13	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

SM_ISTD_LVI_00197 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 05-May-2024 10:10:47 Chrom Revision: 2.3 26-Apr-2024 12:18:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20240504-175464.b\P84989.D

Injection Date: 04-May-2024 15:45:30 Instrument ID: CBNAMS18 Operator ID:

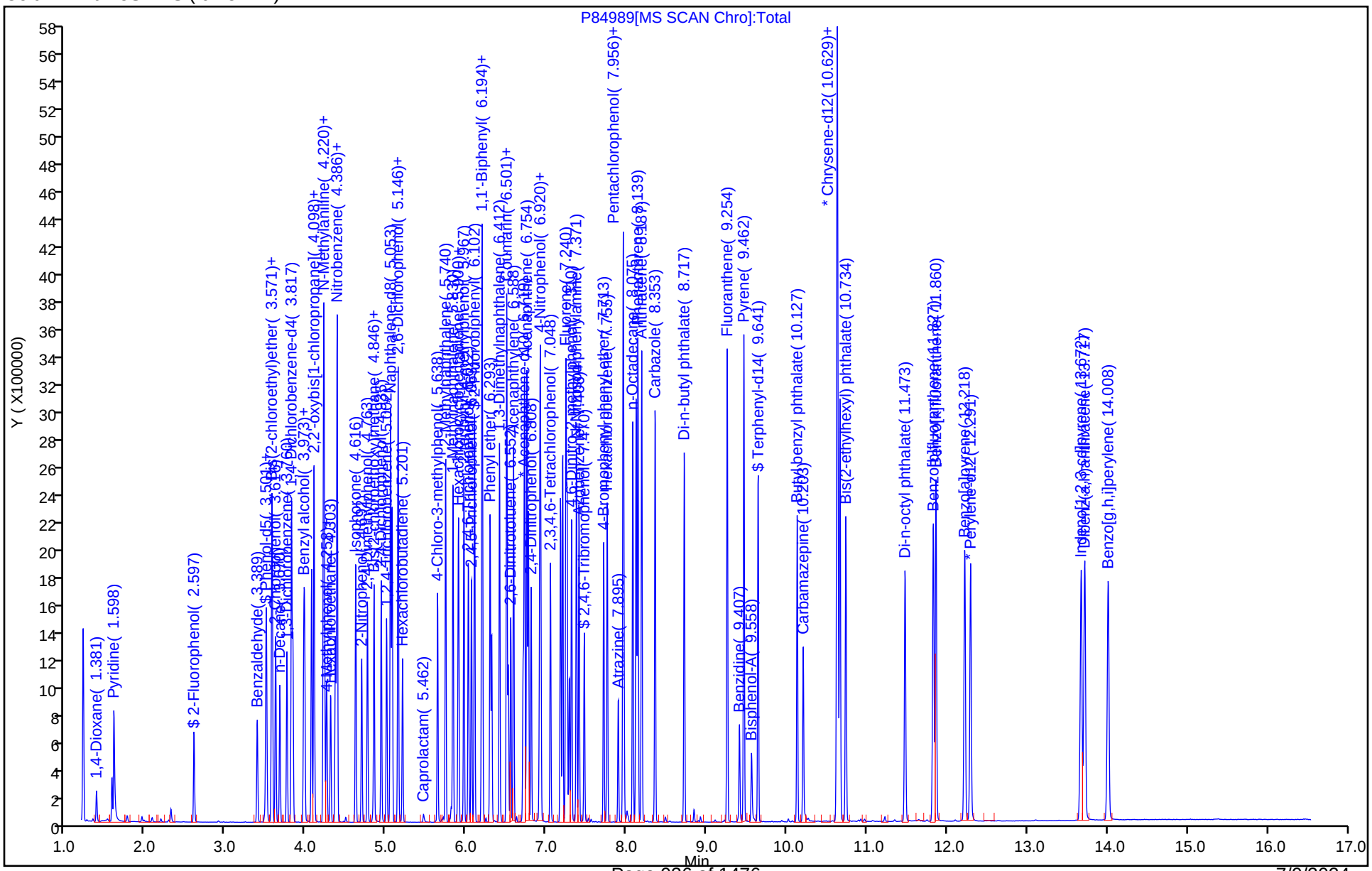
Lims ID: LCS 460-973025/2-A Worklist Smp#: 5

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 5

Method: 8270LVI_18 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



7/9/2024
8:32:15 AM

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-303245-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-973724/2-A

Matrix: Solid | Lab File ID: Z85751.d

Analysis Method: 8270E | Date Collected:

Extract. Method: 3546 | Date Extracted: 05/08/2024 18:21

Sample wt/vol: 15.00(g) | Date Analyzed: 05/09/2024 07:03

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 973784 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-12-7	Anthracene	3.31		0.33	0.010
56-55-3	Benzo[a]anthracene	3.24		0.033	0.025
50-32-8	Benzo[a]pyrene	3.45		0.033	0.0088
205-99-2	Benzo[b]fluoranthene	3.42		0.033	0.0086
191-24-2	Benzo[g,h,i]perylene	3.52		0.33	0.0098
218-01-9	Chrysene	3.23		0.33	0.014
86-73-7	Fluorene	3.32		0.33	0.0097
85-01-8	Phenanthrene	3.30		0.33	0.014
129-00-0	Pyrene	3.25		0.33	0.0082

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	95		48-120
4165-60-0	Nitrobenzene-d5 (Surr)	98		38-120
1718-51-0	Terphenyl-d14 (Surr)	92		25-126

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20240509-175638.b\Z85751.d
Lims ID: LCS 460-973724/2-A
Client ID:
Sample Type: LCS
Inject. Date: 09-May-2024 07:03:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0175638-005
Operator ID: Instrument ID: CBNAMS11

Method: \\chromfs\Edison\ChromData\CBNAMS11\20240509-175638.b\8270_11R_9.m
Limit Group: SV 8270E ICAL
Last Update: 09-May-2024 07:25:13 Calib Date: 26-Apr-2024 09:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS11\20240426-175162.b\Z85458.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1640

First Level Reviewer: G4KC Date: 09-May-2024 07:34:53

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.282	1.278	0.003	93	111991	50.0	39.8	
2 N-Nitrosodimethylamine	74	1.490	1.488	0.000	96	223004	50.0	52.7	
3 Pyridine	79	1.499	1.501	-0.003	96	486020	100.0	76.4	
$ 4 2-Fluorophenol	112	2.501	2.496	0.003	98	376579	50.0	52.1	
5 Benzaldehyde	77	3.350	3.350	-0.003	96	134932	20.0	23.3	E
$ 6 Phenol-d5	99	3.420	3.417	0.000	97	487930	50.0	52.5	
7 Phenol	94	3.433	3.430	0.000	97	527797	50.0	54.7	
8 Aniline	93	3.456	3.456	-0.003	96	509791	50.0	46.2	
9 Bis(2-chloroethyl)ether	93	3.532	3.532	-0.004	98	371554	50.0	49.4	
11 2-Chlorophenol	128	3.564	3.561	0.000	99	408100	50.0	51.3	
12 n-Decane	43	3.599	3.596	0.000	90	322068	50.0	48.1	
13 1,3-Dichlorobenzene	146	3.714	3.711	0.000	98	427355	50.0	49.6	
* 14 1,4-Dichlorobenzene-d4	152	3.775	3.778	-0.003	94	230014	40.0	40.0	
15 1,4-Dichlorobenzene	146	3.794	3.791	0.000	96	438093	50.0	49.5	
16 Benzyl alcohol	108	3.931	3.928	-0.001	96	246588	50.0	49.9	
17 1,2-Dichlorobenzene	146	3.938	3.934	0.000	97	417783	50.0	50.0	
18 2-Methylphenol	108	4.040	4.040	-0.003	91	350072	50.0	51.0	
19 2,2'-oxybis[1-chloropropane]	45	4.056	4.056	-0.010	96	456568	50.0	50.7	a
20 N-Methylaniline	106	4.184	4.184	0.000	95	571405	50.0	48.5	a
22 Acetophenone	105	4.197	4.193	0.000	93	546101	50.0	50.9	
21 N-Nitrosodi-n-propylamine	70	4.200	4.199	-0.003	81	268185	50.0	52.7	
23 3 & 4 Methylphenol	108	4.206	4.206	-0.004	76	386097	50.0	49.5	
24 4-Methylphenol	108	4.206	4.206	-0.004	95	386097	50.0	49.5	
25 Hexachloroethane	117	4.264	4.260	0.000	94	152431	50.0	50.1	
$ 26 Nitrobenzene-d5	82	4.344	4.344	-0.003	86	399730	50.0	48.9	
28 n,n'-Dimethylaniline	120	4.356	4.356	-0.004	97	564143	50.0	47.7	
27 Nitrobenzene	123	4.366	4.366	-0.003	99	198861	50.0	53.5	
31 Isophorone	82	4.599	4.599	-0.003	99	713511	50.0	49.4	
32 2-Nitrophenol	139	4.672	4.669	-0.001	97	220925	50.0	48.0	
33 2,4-Dimethylphenol	122	4.727	4.724	0.000	93	273432	50.0	45.8	
34 Bis(2-chloroethoxy)methane	93	4.829	4.826	0.000	98	457361	50.0	48.4	
35 Benzoic acid	122	4.861	4.871	-0.013	88	244873	50.0	45.8	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
36 2,4-Dichlorophenol	162	4.902	4.903	-0.004	98	341832	50.0	51.0	
37 1,2,4-Trichlorobenzene	180	4.979	4.979	-0.004	94	364097	50.0	48.3	
* 38 Naphthalene-d8	136	5.034	5.037	-0.003	99	919854	40.0	40.0	
39 Naphthalene	128	5.056	5.053	0.000	99	1142442	50.0	47.9	
133 2,6-Dichlorophenol	162	5.123	5.123	-0.004	98	334034	50.0	48.9	
40 4-Chloroaniline	127	5.133	5.129	0.000	98	358070	50.0	35.8	
41 Hexachlorobutadiene	225	5.165	5.165	-0.003	99	206022	50.0	47.0	
42 Caprolactam	113	5.487	5.487	-0.007	92	55518	20.0	20.2	M
43 4-Chloro-3-methylphenol	107	5.615	5.611	0.000	95	320160	50.0	50.1	
44 2-Methylnaphthalene	142	5.730	5.726	0.000	86	775809	50.0	48.7	
45 1-Methylnaphthalene	142	5.823	5.822	-0.004	93	714020	50.0	48.9	
46 Hexachlorocyclopentadiene	237	5.867	5.867	-0.001	98	153738	50.0	34.4	
47 1,2,4,5-Tetrachlorobenzene	216	5.887	5.890	-0.004	99	372516	50.0	48.0	
48 2-tertbutyl-4-methylphenol	149	5.947	5.943	-0.001	93	452514	50.0	46.3	
49 2,4,6-Trichlorophenol	196	6.011	6.011	-0.001	93	255978	50.0	50.1	
50 2,4,5-Trichlorophenol	196	6.043	6.043	-0.001	99	281026	50.0	49.4	
$ 51 2-Fluorobiphenyl	172	6.094	6.098	-0.004	98	889843	50.0	47.3	
52 1,1'-Biphenyl	154	6.190	6.190	-0.001	96	953105	50.0	49.8	
53 2-Chloronaphthalene	162	6.200	6.203	-0.004	99	734716	50.0	48.7	
54 Phenyl ether	170	6.293	6.292	0.000	86	508727	50.0	46.3	
55 2-Nitroaniline	65	6.324	6.328	-0.004	94	199971	50.0	51.1	
57 1,3-Dimethylnaphthalene	156	6.411	6.411	0.000	93	562285	50.0	46.0	
58 Dimethyl phthalate	163	6.510	6.513	-0.004	99	833774	50.0	48.8	
59 Coumarin	146	6.519	6.519	-0.004	84	277562	50.0	46.0	
60 2,6-Dinitrotoluene	165	6.571	6.574	-0.003	91	194616	50.0	50.1	
63 Acenaphthylene	152	6.596	6.596	-0.001	98	1112142	50.0	48.2	
64 3-Nitroaniline	65	6.724	6.727	-0.004	97	202369	50.0	42.7	
* 65 Acenaphthene-d10	164	6.730	6.731	-0.001	96	507380	40.0	40.0	
66 3,5-di-tert-butyl-4-hydroxytol	205	6.759	6.762	-0.004	96	580205	50.0	45.3	
67 Acenaphthene	154	6.762	6.762	-0.001	96	688798	50.0	49.7	
68 2,4-Dinitrophenol	184	6.833	6.836	-0.004	94	275622	100.0	103.3	
69 4-Nitrophenol	65	6.906	6.910	-0.004	92	280954	100.0	107.8	
71 Dibenzofuran	168	6.929	6.932	-0.004	98	1051931	50.0	48.5	
70 2,4-Dinitrotoluene	165	6.954	6.954	-0.001	97	261562	50.0	50.7	
72 2,3,4,6-Tetrachlorophenol	232	7.050	7.050	-0.001	98	237714	50.0	49.8	
73 Diethyl phthalate	149	7.184	7.188	-0.004	99	810320	50.0	48.6	
74 Fluorene	166	7.255	7.258	-0.004	95	851622	50.0	49.8	
75 4-Chlorophenyl phenyl ether	204	7.268	7.271	-0.004	93	405699	50.0	48.7	
76 4-Nitroaniline	138	7.319	7.325	-0.007	89	212854	50.0	48.4	
77 4,6-Dinitro-2-methylphenol	198	7.341	7.338	-0.001	92	348536	100.0	108.3	
78 N-Nitrosodiphenylamine	169	7.392	7.393	-0.004	68	608618	50.0	49.9	
79 1,2-Diphenylhydrazine	77	7.421	7.421	-0.004	50	782591	50.0	50.9	
134 Azobenzene	77	7.421	7.421	-0.004	96	781801	50.0	51.0	
$ 80 2,4,6-Tribromophenol	330	7.488	7.492	-0.004	91	204851	50.0	47.2	
81 4-Bromophenyl phenyl ether	248	7.734	7.731	-0.001	98	268447	50.0	50.3	
82 Hexachlorobenzene	284	7.763	7.763	-0.004	93	340386	50.0	49.3	
83 Atrazine	200	7.916	7.916	-0.004	94	118194	20.0	24.4	
84 Pentachlorophenol	266	7.968	7.968	-0.004	96	458817	100.0	107.0	
85 Pentachloronitrobenzene	237	7.974	7.971	-0.001	91	100662	50.0	47.0	
86 n-Octadecane	57	8.070	8.067	-0.001	90	496730	50.0	50.7	
* 87 Phenanthrene-d10	188	8.147	8.151	-0.004	98	949727	40.0	40.0	
88 Phenanthrene	178	8.172	8.169	-0.001	97	1197069	50.0	49.4	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
89 Anthracene	178	8.220	8.220	-0.004	98	1240005	50.0	49.6	
90 Carbazole	167	8.393	8.390	-0.001	95	1143877	50.0	50.0	
91 Di-n-butyl phthalate	149	8.741	8.741	-0.001	99	1353058	50.0	50.5	a
92 Fluoranthene	202	9.303	9.299	-0.001	97	1288592	50.0	49.0	
93 Benzidine	184	9.462	9.463	-0.005	100	518743	50.0	36.1	
94 Pyrene	202	9.514	9.514	-0.004	97	1348867	50.0	48.7	
95 Bisphenol-A	213	9.600	9.600	-0.004	99	280050	25.0	24.9	
$ 96 Terphenyl-d14	244	9.686	9.683	-0.002	97	1112971	50.0	46.1	
97 Butyl benzyl phthalate	149	10.178	10.178	-0.005	96	570010	50.0	49.9	
99 Carbamazepine	193	10.271	10.271	-0.005	93	485845	50.0	52.5	
101 Benzo[a]anthracene	228	10.709	10.705	-0.001	99	1295535	50.0	48.5	
100 3,3'-Dichlorobenzidine	252	10.709	10.709	-0.004	96	361244	50.0	33.8	
* 102 Chrysene-d12	240	10.718	10.723	-0.005	99	811223	40.0	40.0	
103 Chrysene	228	10.747	10.747	-0.005	98	1216730	50.0	48.5	
104 Bis(2-ethylhexyl) phthalate	149	10.786	10.782	-0.001	86	820107	50.0	50.4	
105 Di-n-octyl phthalate	149	11.555	11.556	-0.005	97	1373885	50.0	51.9	
106 Benzo[b]fluoranthene	252	11.961	11.961	-0.005	99	1294009	50.0	51.3	
107 Benzo[k]fluoranthene	252	11.996	11.996	-0.005	99	1363955	50.0	50.7	
108 Benzo[a]pyrene	252	12.377	12.373	-0.001	98	1225436	50.0	51.8	
* 109 Perylene-d12	264	12.450	12.455	-0.005	99	933910	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	13.881	13.881	-0.005	99	1417917	50.0	55.6	
111 Dibenz(a,h)anthracene	278	13.923	13.922	-0.005	98	1406275	50.0	53.8	
112 Benzo[g,h,i]perylene	276	14.239	14.239	-0.005	98	1300272	50.0	52.8	

QC Flag Legend

Processing Flags
E - Exceeded Maximum Amount
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

SM_ISTD_00197 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 09-May-2024 07:34:54 Chrom Revision: 2.3 01-May-2024 15:52:26

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20240509-175638.b\Z85751.d

Injection Date: 09-May-2024 07:03:30 Instrument ID: CBNAMS11 Operator ID:

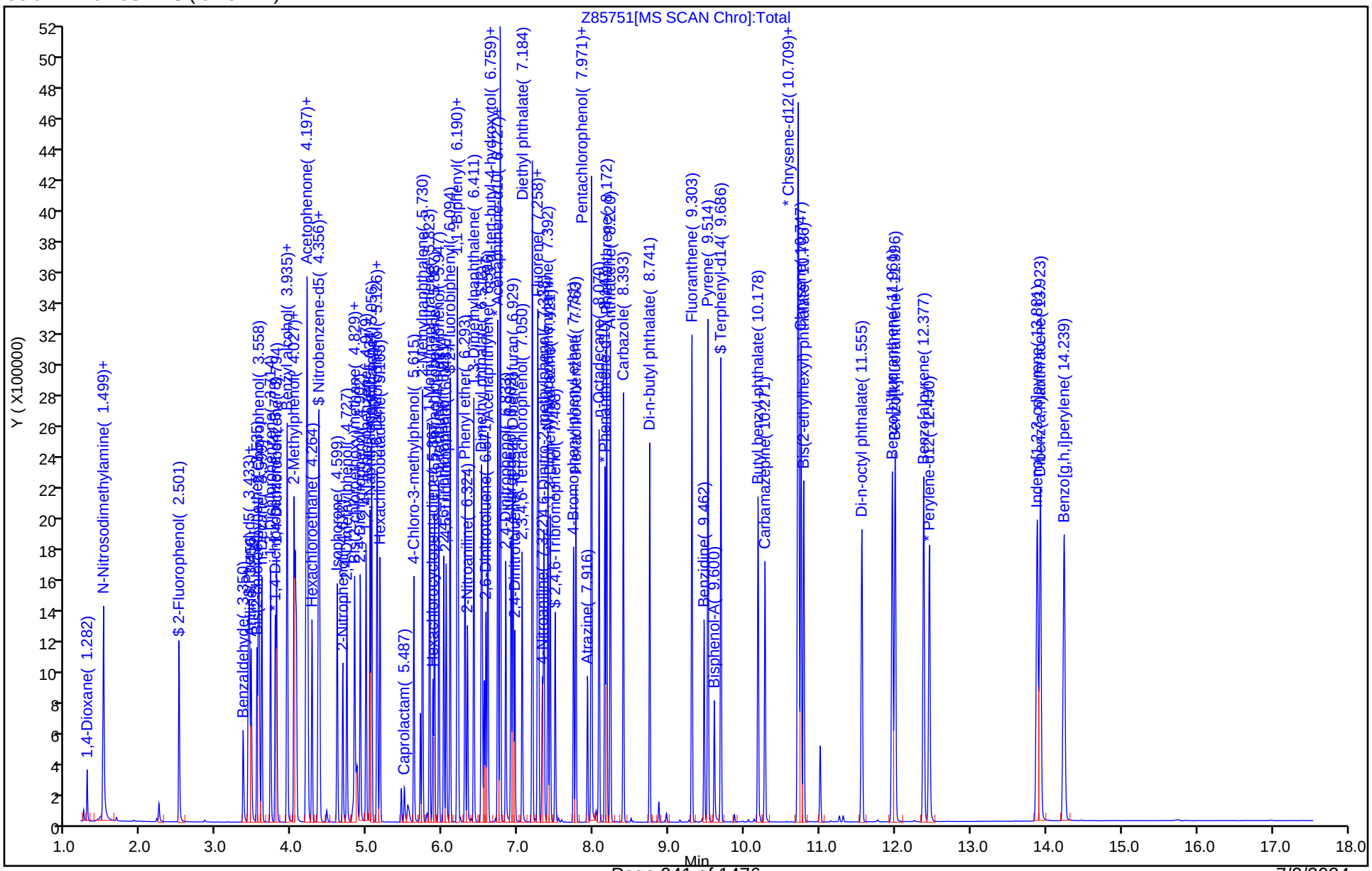
Lims ID: LCS 460-973724/2-A Worklist Smp#: 5

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 5

Method: 8270_11R_9 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



7/9/2024
8:32:15 AM

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-303245-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-973025/3-A

Matrix: Water | Lab File ID: P84990.D

Analysis Method: 8270E | Date Collected:

Extract. Method: 3510C | Date Extracted: 05/04/2024 11:38

Sample wt/vol: 250(mL) | Date Analyzed: 05/04/2024 16:06

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 973040 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-12-7	Anthracene	68.4		10	1.3
56-55-3	Benzo[a]anthracene	71.0		1.0	0.59
50-32-8	Benzo[a]pyrene	76.8		1.0	0.41
205-99-2	Benzo[b]fluoranthene	72.3		2.0	0.68
191-24-2	Benzo[g,h,i]perylene	72.0		10	0.70
218-01-9	Chrysene	69.1		2.0	0.91
86-73-7	Fluorene	63.1		10	0.91
85-01-8	Phenanthrene	67.8		10	1.3
129-00-0	Pyrene	64.3		10	1.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	71		46-139
4165-60-0	Nitrobenzene-d5 (Surr)	72		51-145
1718-51-0	Terphenyl-d14 (Surr)	62		13-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20240504-175464.b\P84990.D
Lims ID: LCSD 460-973025/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 04-May-2024 16:06:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0175464-006
Operator ID: Instrument ID: CBNAMS18

Method: \\chromfs\Edison\ChromData\CBNAMS18\20240504-175464.b\8270LVI_18.m
Limit Group: SV 8270E ICAL
Last Update: 05-May-2024 10:10:22 Calib Date: 17-Apr-2024 18:18:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS18\20240417-174798.b\P84794.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1619

First Level Reviewer: U6BX Date: 04-May-2024 16:44:27

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.375	1.368	0.007	91	74989	10.0	3.70	
	2 N-Nitrosodimethylamine	74	1.566	1.564	0.003	92	111753	10.0	3.53	
	3 Pyridine	79	1.592	1.586	0.007	97	299612	20.0	6.48	
$	4 2-Fluorophenol	112	2.594	2.591	0.003	96	175434	10.0	3.40	
	5 Benzaldehyde	77	3.386	3.388	0.000	96	132970	5.00	3.30	
$	6 Phenol-d5	99	3.491	3.495	-0.004	98	128921	10.0	2.09	
	8 Aniline	93	3.497	3.500	-0.001	99	367717	10.0	5.48	
	7 Phenol	94	3.504	3.506	0.000	95	169492	10.0	2.52	
	9 Bis(2-chloroethyl)ether	93	3.565	3.570	-0.003	99	358869	10.0	7.39	
	10 Benzonitrile	103	3.574	3.578	-0.004	99	675486	NC	NC	
	11 2-Chlorophenol	128	3.616	3.616	0.000	97	335176	10.0	6.28	
	12 n-Decane	43	3.670	3.671	0.000	87	149376	10.0	3.70	
	13 1,3-Dichlorobenzene	146	3.756	3.759	-0.001	96	267015	10.0	4.34	
*	14 1,4-Dichlorobenzene-d4	152	3.814	3.814	0.000	95	325333	8.00	8.00	
	15 1,4-Dichlorobenzene	146	3.833	3.835	0.000	96	280372	10.0	4.47	
	17 Benzyl alcohol	108	3.967	3.973	-0.004	96	176326	10.0	5.22	
	18 1,2-Dichlorobenzene	146	3.977	3.979	0.000	97	275294	10.0	4.51	
	21 2,2'-oxybis[1-chloropropane]	45	4.095	4.101	-0.004	91	370866	10.0	6.90	
	20 2-Methylphenol	108	4.098	4.101	-0.001	89	235665	10.0	4.99	
	22 N-Methylaniline	106	4.213	4.214	-0.001	99	528387	10.0	6.98	
	23 Acetophenone	105	4.219	4.216	-0.004	96	542849	10.0	6.98	
	24 N-Nitrosodi-n-propylamine	70	4.226	4.232	-0.004	89	246629	10.0	7.37	
	26 4-Methylphenol	108	4.251	4.257	-0.004	97	218770	10.0	4.34	
	25 3 & 4 Methylphenol	108	4.251	4.257	-0.004	65	221585	10.0	4.39	
	27 Hexachloroethane	117	4.303	4.305	0.000	95	87828	10.0	4.04	
$	28 Nitrobenzene-d5	82	4.363	4.364	-0.001	86	370522	10.0	7.22	
	29 Nitrobenzene	123	4.382	4.383	-0.001	96	197732	10.0	7.26	
	30 n,n'-Dimethylaniline	120	4.386	4.388	0.000	93	541238	10.0	6.36	
	31 Isophorone	82	4.616	4.616	0.000	99	660696	10.0	7.76	
	32 2-Nitrophenol	139	4.692	4.693	-0.001	96	204030	10.0	7.36	
	33 2,4-Dimethylphenol	122	4.763	4.764	0.000	92	246183	10.0	6.60	
	34 Bis(2-chloroethoxy)methane	93	4.846	4.847	0.000	97	432909	10.0	7.52	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	4.846	4.882	-0.036	91	47503	10.0	2.14	
36 2,4-Dichlorophenol	162	4.935	4.936	-0.001	97	308671	10.0	7.16	
37 1,2,4-Trichlorobenzene	180	5.002	5.003	-0.001	93	237837	10.0	5.02	
* 38 Naphthalene-d8	136	5.050	5.051	-0.001	99	1205808	8.00	8.00	
39 Naphthalene	128	5.069	5.074	-0.004	99	890915	10.0	5.70	
40 4-Chloroaniline	127	5.143	5.147	-0.004	98	408286	10.0	7.97	
41 2,6-Dichlorophenol	162	5.146	5.147	-0.001	98	316652	10.0	7.21	
42 Hexachlorobutadiene	225	5.200	5.202	-0.001	97	117513	10.0	4.26	
44 Caprolactam	113	5.462	5.467	-0.004	93	6887	5.00	0.6810	
45 4-Chloro-3-methylphenol	107	5.638	5.639	-0.001	95	267092	10.0	6.64	
46 2-Methylnaphthalene	142	5.740	5.742	-0.001	85	613517	10.0	5.76	
47 1-Methylnaphthalene	142	5.830	5.831	-0.001	93	582821	10.0	5.88	
48 Hexachlorocyclopentadiene	237	5.894	5.893	-0.001	96	83651	10.0	2.97	
49 1,2,4,5-Tetrachlorobenzene	216	5.900	5.899	-0.001	97	292957	10.0	6.57	
50 2-tertbutyl-4-methylphenol	149	5.967	5.969	-0.001	92	424424	10.0	7.00	
51 2,4,6-Trichlorophenol	196	6.021	6.020	-0.002	91	230689	10.0	8.44	
52 2,4,5-Trichlorophenol	196	6.060	6.062	-0.004	98	243288	10.0	8.05	
$ 53 2-Fluorobiphenyl	172	6.101	6.103	-0.002	98	784673	10.0	7.06	
54 1,1'-Biphenyl	154	6.191	6.192	-0.001	96	819806	10.0	6.91	
55 2-Chloronaphthalene	162	6.197	6.196	-0.002	97	621557	10.0	6.82	
56 Phenyl ether	170	6.293	6.295	-0.002	84	420392	10.0	6.51	
57 2-Nitroaniline	65	6.312	6.311	-0.002	91	184117	10.0	8.32	
58 1,3-Dimethylnaphthalene	156	6.412	6.410	-0.001	92	473083	10.0	6.50	
60 Coumarin	146	6.501	6.503	-0.001	81	255482	10.0	6.78	
59 Dimethyl phthalate	163	6.501	6.500	-0.001	99	818585	10.0	8.30	
61 2,6-Dinitrotoluene	165	6.552	6.551	-0.002	96	180234	10.0	8.68	
62 Acenaphthylene	152	6.587	6.586	-0.002	98	1005496	10.0	7.29	
63 3-Nitroaniline	138	6.706	6.705	-0.001	96	173233	10.0	7.89	
* 64 Acenaphthene-d10	164	6.722	6.723	-0.001	95	604831	8.00	8.00	
65 Acenaphthene	154	6.754	6.755	-0.001	95	608971	10.0	7.25	
66 3,5-di-tert-butyl-4-hydroxytol	205	6.773	6.772	-0.001	97	474724	10.0	6.60	
67 2,4-Dinitrophenol	184	6.805	6.804	-0.001	96	234558	20.0	16.0	
68 4-Nitrophenol	65	6.907	6.906	-0.001	86	103135	20.0	6.53	a
70 Dibenzofuran	168	6.917	6.916	-0.001	96	988171	10.0	7.50	
69 2,4-Dinitrotoluene	165	6.926	6.925	-0.002	96	249364	10.0	8.99	
71 2,3,4,6-Tetrachlorophenol	232	7.048	7.047	-0.001	96	201338	10.0	8.20	
72 Diethyl phthalate	149	7.173	7.171	-0.001	99	781428	10.0	7.98	
73 Fluorene	166	7.240	7.238	-0.001	95	788707	10.0	7.89	
74 4-Chlorophenyl phenyl ether	204	7.256	7.255	-0.001	91	372610	10.0	7.74	
75 4-Nitroaniline	138	7.281	7.283	-0.005	86	178980	10.0	8.71	
76 4,6-Dinitro-2-methylphenol	198	7.310	7.310	-0.002	89	301938	20.0	18.6	
77 N-Nitrosodiphenylamine	169	7.371	7.372	-0.001	98	576821	10.0	8.62	
131 Azobenzene	77	7.403	7.404	-0.001	0	731991	10.0	8.23	
78 1,2-Diphenylhydrazine	77	7.403	7.404	-0.001	98	731991	10.0	8.23	
$ 79 2,4,6-Tribromophenol	330	7.470	7.471	-0.001	91	157650	10.0	7.68	
80 4-Bromophenyl phenyl ether	248	7.713	7.709	0.002	96	230748	10.0	8.36	
82 Hexachlorobenzene	284	7.755	7.754	-0.001	96	292751	10.0	8.57	
83 Atrazine	200	7.892	7.891	-0.001	95	91231	5.00	4.19	
84 Pentachlorophenol	266	7.953	7.952	-0.001	95	378114	20.0	16.4	
85 Pentachloronitrobenzene	237	7.962	7.962	-0.002	90	97479	10.0	8.00	
87 n-Octadecane	57	8.074	8.076	-0.002	89	432174	10.0	8.90	
* 88 Phenanthrene-d10	188	8.116	8.117	-0.001	98	1040496	8.00	8.00	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
89 Phenanthrene	178	8.138	8.137	0.001	97	1146088	10.0	8.47	
90 Anthracene	178	8.186	8.188	-0.002	99	1164483	10.0	8.55	
91 Carbazole	167	8.353	8.352	-0.001	96	1069924	10.0	9.10	
92 Di-n-butyl phthalate	149	8.717	8.716	-0.001	99	1245665	10.0	9.40	
93 Fluoranthene	202	9.253	9.253	-0.002	98	1184139	10.0	9.14	
94 Benzidine	184	9.407	9.400	0.002	99	259242	10.0	6.56	
95 Pyrene	202	9.461	9.458	-0.002	97	1233817	10.0	8.04	
96 Bisphenol-A	213	9.557	9.559	-0.002	99	158822	5.00	3.53	
$ 97 Terphenyl-d14	244	9.637	9.639	-0.002	97	777403	10.0	6.23	
98 Butyl benzyl phthalate	149	10.126	10.123	-0.002	96	492069	10.0	9.15	
100 Carbamazepine	193	10.203	10.201	0.002	93	333038	10.0	8.24	
102 Benzo[a]anthracene	228	10.625	10.626	-0.001	99	1145876	10.0	8.87	
101 3,3'-Dichlorobenzidine	252	10.625	10.621	-0.001	99	395003	10.0	8.04	
* 103 Chrysene-d12	240	10.634	10.636	-0.002	99	806015	8.00	8.00	
104 Chrysene	228	10.660	10.662	-0.002	98	1063057	10.0	8.64	
105 Bis(2-ethylhexyl) phthalate	149	10.734	10.730	-0.001	85	708692	10.0	9.59	
106 Di-n-octyl phthalate	149	11.472	11.473	-0.002	96	1129676	10.0	8.52	
107 Benzo[b]fluoranthene	252	11.824	11.828	-0.005	99	1062869	10.0	9.03	
108 Benzo[k]fluoranthene	252	11.859	11.860	-0.002	99	1108110	10.0	9.00	
109 Benzo[a]pyrene	252	12.217	12.219	-0.002	98	1001370	10.0	9.60	
* 110 Perylene-d12	264	12.291	12.292	-0.001	99	858462	8.00	8.00	
111 Indeno[1,2,3-cd]pyrene	276	13.671	13.673	-0.003	99	1094937	10.0	9.15	
112 Dibenz(a,h)anthracene	278	13.713	13.718	-0.006	97	1112742	10.0	9.11	
113 Benzo[g,h,i]perylene	276	14.007	14.009	-0.003	98	1052195	10.0	9.00	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

a - User Assigned ID

Reagents:

SM_ISTD_LVI_00197 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 05-May-2024 10:11:16 Chrom Revision: 2.3 26-Apr-2024 12:18:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS18\20240504-175464.b\P84990.D

Injection Date: 04-May-2024 16:06:30 Instrument ID: CBNAMS18 Operator ID:

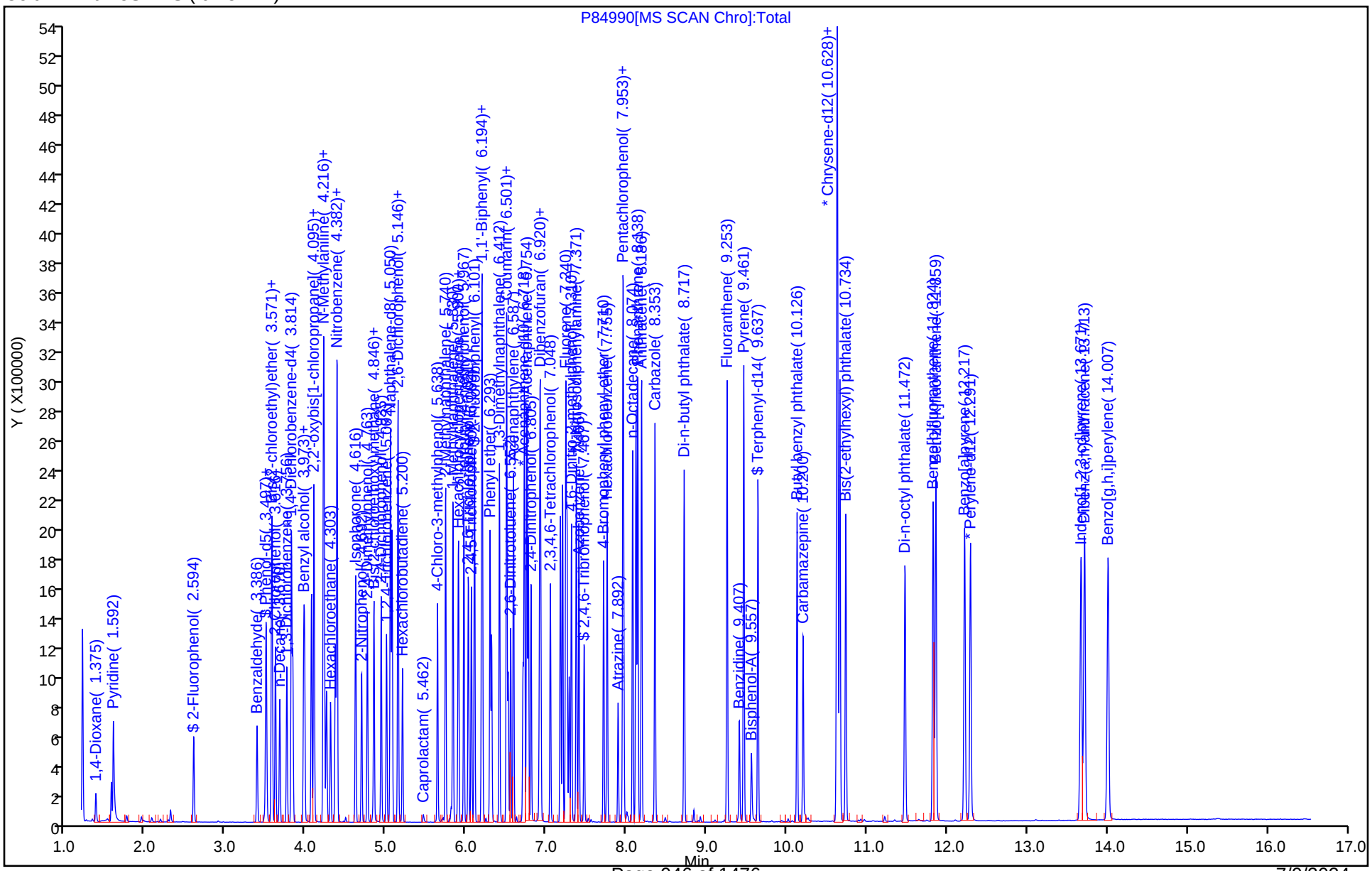
Lims ID: LCSD 460-973025/3-A Worklist Smp#: 6

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 6

Method: 8270LVI_18 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



7/9/2024
8:32:15 AM

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-303245-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-973724/3-A

Matrix: Solid | Lab File ID: Z85752.d

Analysis Method: 8270E | Date Collected:

Extract. Method: 3546 | Date Extracted: 05/08/2024 18:21

Sample wt/vol: 15.00(g) | Date Analyzed: 05/09/2024 07:26

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 973784 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-12-7	Anthracene	3.46		0.33	0.010
56-55-3	Benzo[a]anthracene	3.41		0.033	0.025
50-32-8	Benzo[a]pyrene	3.62		0.033	0.0088
205-99-2	Benzo[b]fluoranthene	3.57		0.033	0.0086
191-24-2	Benzo[g,h,i]perylene	3.74		0.33	0.0098
218-01-9	Chrysene	3.41		0.33	0.014
86-73-7	Fluorene	3.45		0.33	0.0097
85-01-8	Phenanthrene	3.47		0.33	0.014
129-00-0	Pyrene	3.50		0.33	0.0082

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	102		48-120
4165-60-0	Nitrobenzene-d5 (Surr)	103		38-120
1718-51-0	Terphenyl-d14 (Surr)	101		25-126

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20240509-175638.b\Z85752.d
Lims ID: LCSD 460-973724/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 09-May-2024 07:26:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0175638-006
Operator ID: Instrument ID: CBNAMS11

Method: \\chromfs\Edison\ChromData\CBNAMS11\20240509-175638.b\8270_11R_9.m
Limit Group: SV 8270E ICAL
Last Update: 09-May-2024 07:50:36 Calib Date: 26-Apr-2024 09:15:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS11\20240426-175162.b\Z85458.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1640

First Level Reviewer: G4KC Date: 09-May-2024 07:58:05

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.285	1.279	0.006	92	134400	50.0	41.0	
2 N-Nitrosodimethylamine	74	1.493	1.489	0.002	98	245809	50.0	49.8	
3 Pyridine	79	1.505	1.502	0.003	96	586776	100.0	79.1	
$ 4 2-Fluorophenol	112	2.501	2.498	0.003	98	443764	50.0	52.7	
5 Benzaldehyde	77	3.350	3.353	-0.003	97	148797	20.0	22.0	E
$ 6 Phenol-d5	99	3.423	3.420	0.003	98	589894	50.0	54.4	
7 Phenol	94	3.436	3.433	0.003	96	622640	50.0	55.4	
8 Aniline	93	3.458	3.458	-0.001	97	588218	50.0	45.7	
9 Bis(2-chloroethyl)ether	93	3.535	3.535	-0.001	98	436002	50.0	49.7	
11 2-Chlorophenol	128	3.564	3.564	0.000	99	475684	50.0	51.2	
12 n-Decane	43	3.599	3.599	0.000	90	379144	50.0	48.6	
13 1,3-Dichlorobenzene	146	3.714	3.714	0.000	97	493794	50.0	49.1	
* 14 1,4-Dichlorobenzene-d4	152	3.778	3.778	0.000	94	268140	40.0	40.0	
15 1,4-Dichlorobenzene	146	3.794	3.794	0.000	96	503858	50.0	48.9	
16 Benzyl alcohol	108	3.931	3.931	-0.001	96	286756	50.0	49.8	
17 1,2-Dichlorobenzene	146	3.938	3.938	0.000	97	486482	50.0	49.9	
18 2-Methylphenol	108	4.043	4.043	0.000	92	412339	50.0	51.5	
19 2,2'-oxybis[1-chloropropane]	45	4.056	4.056	-0.010	94	543171	50.0	51.8	a
20 N-Methylaniline	106	4.184	4.184	0.000	99	669192	50.0	48.7	a
22 Acetophenone	105	4.196	4.196	-0.001	95	638861	50.0	51.0	
21 N-Nitrosodi-n-propylamine	70	4.199	4.203	-0.004	82	315466	50.0	53.2	
23 3 & 4 Methylphenol	108	4.209	4.209	-0.001	74	447413	50.0	49.2	
24 4-Methylphenol	108	4.209	4.209	-0.001	96	447413	50.0	49.2	
25 Hexachloroethane	117	4.263	4.263	-0.001	94	174843	50.0	49.3	
$ 26 Nitrobenzene-d5	82	4.347	4.344	-0.001	86	465679	50.0	51.5	
28 n,n'-Dimethylaniline	120	4.356	4.359	-0.004	97	664646	50.0	48.2	
27 Nitrobenzene	123	4.369	4.366	0.000	99	231801	50.0	53.5	
31 Isophorone	82	4.599	4.599	-0.003	99	830167	50.0	52.0	
32 2-Nitrophenol	139	4.672	4.669	-0.001	97	263379	50.0	51.7	
33 2,4-Dimethylphenol	122	4.727	4.724	0.000	93	318465	50.0	48.2	
34 Bis(2-chloroethoxy)methane	93	4.829	4.826	0.000	98	537524	50.0	51.5	
35 Benzoic acid	122	4.867	4.870	-0.007	86	294927	50.0	49.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
36 2,4-Dichlorophenol	162	4.905	4.902	-0.001	97	401725	50.0	54.1	
37 1,2,4-Trichlorobenzene	180	4.979	4.979	-0.004	94	424598	50.0	50.9	
* 38 Naphthalene-d8	136	5.033	5.037	-0.004	99	1017437	40.0	40.0	
39 Naphthalene	128	5.056	5.053	0.000	99	1346839	50.0	51.1	
133 2,6-Dichlorophenol	162	5.126	5.123	-0.001	98	395859	50.0	52.4	
40 4-Chloroaniline	127	5.132	5.129	-0.001	98	401485	50.0	36.3	
41 Hexachlorobutadiene	225	5.168	5.164	0.000	99	241004	50.0	49.7	
42 Caprolactam	113	5.493	5.493	-0.001	93	60442	20.0	19.9	M
43 4-Chloro-3-methylphenol	107	5.615	5.611	0.000	95	366603	50.0	51.8	
44 2-Methylnaphthalene	142	5.730	5.726	0.000	85	901071	50.0	51.1	
45 1-Methylnaphthalene	142	5.826	5.822	0.000	92	825734	50.0	51.1	
46 Hexachlorocyclopentadiene	237	5.867	5.867	-0.001	98	179794	50.0	37.4	
47 1,2,4,5-Tetrachlorobenzene	216	5.890	5.890	0.000	99	438004	50.0	52.5	
48 2-tertbutyl-4-methylphenol	149	5.947	5.943	-0.001	93	524694	50.0	48.5	
49 2,4,6-Trichlorophenol	196	6.011	6.011	-0.001	93	296184	50.0	53.9	
50 2,4,5-Trichlorophenol	196	6.043	6.043	-0.001	99	313790	50.0	51.3	
$ 51 2-Fluorobiphenyl	172	6.094	6.097	-0.004	98	1031890	50.0	51.0	
52 1,1'-Biphenyl	154	6.190	6.190	-0.001	96	1101953	50.0	53.6	
53 2-Chloronaphthalene	162	6.203	6.203	-0.001	99	851957	50.0	52.5	
54 Phenyl ether	170	6.292	6.292	-0.001	86	584384	50.0	49.5	
55 2-Nitroaniline	65	6.328	6.328	0.000	94	226783	50.0	53.8	
57 1,3-Dimethylnaphthalene	156	6.411	6.411	0.000	93	641290	50.0	48.8	
58 Dimethyl phthalate	163	6.510	6.513	-0.004	100	946455	50.0	51.5	
59 Coumarin	146	6.523	6.518	0.000	83	307121	50.0	46.0	
60 2,6-Dinitrotoluene	165	6.571	6.574	-0.003	91	219310	50.0	52.5	
63 Acenaphthylene	152	6.596	6.596	-0.001	98	1278079	50.0	51.5	
64 3-Nitroaniline	65	6.724	6.727	-0.004	96	211620	50.0	41.5	
* 65 Acenaphthene-d10	164	6.730	6.731	-0.001	96	545856	40.0	40.0	
66 3,5-di-tert-butyl-4-hydroxytol	205	6.759	6.762	-0.004	96	672678	50.0	48.8	
67 Acenaphthene	154	6.762	6.762	-0.001	96	785321	50.0	52.7	
68 2,4-Dinitrophenol	184	6.836	6.836	-0.001	94	308914	100.0	107.4	
69 4-Nitrophenol	65	6.906	6.909	-0.004	90	316063	100.0	112.7	
71 Dibenzofuran	168	6.932	6.932	-0.001	98	1207828	50.0	51.8	
70 2,4-Dinitrotoluene	165	6.954	6.954	-0.001	98	295701	50.0	53.3	
72 2,3,4,6-Tetrachlorophenol	232	7.050	7.050	-0.001	97	265031	50.0	51.7	
73 Diethyl phthalate	149	7.188	7.188	0.000	99	901411	50.0	50.3	
74 Fluorene	166	7.258	7.258	-0.001	95	952036	50.0	51.7	
75 4-Chlorophenyl phenyl ether	204	7.268	7.271	-0.004	94	458386	50.0	51.2	
76 4-Nitroaniline	138	7.322	7.325	-0.004	96	229226	50.0	48.4	
77 4,6-Dinitro-2-methylphenol	198	7.341	7.338	-0.001	93	388969	100.0	114.6	
78 N-Nitrosodiphenylamine	169	7.396	7.393	0.000	73	685413	50.0	53.3	
79 1,2-Diphenylhydrazine	77	7.421	7.421	-0.004	50	879196	50.0	54.3	
134 Azobenzene	77	7.421	7.421	-0.004	96	877704	50.0	54.3	
$ 80 2,4,6-Tribromophenol	330	7.488	7.491	-0.004	90	233708	50.0	50.1	
81 4-Bromophenyl phenyl ether	248	7.734	7.731	-0.001	97	297540	50.0	52.8	
82 Hexachlorobenzene	284	7.763	7.763	-0.004	94	384392	50.0	52.8	
83 Atrazine	200	7.920	7.916	0.000	94	122287	20.0	24.0	
84 Pentachlorophenol	266	7.971	7.968	-0.001	96	503682	100.0	111.4	
85 Pentachloronitrobenzene	237	7.974	7.971	-0.001	92	113844	50.0	50.5	
86 n-Octadecane	57	8.070	8.067	-0.001	90	566741	50.0	54.9	
* 87 Phenanthrene-d10	188	8.147	8.151	-0.004	98	1001525	40.0	40.0	
88 Phenanthrene	178	8.172	8.169	-0.001	97	1329580	50.0	52.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
89 Anthracene	178	8.220	8.220	-0.004	98	1365730	50.0	51.8	
90 Carbazole	167	8.393	8.390	-0.001	95	1242333	50.0	51.5	
91 Di-n-butyl phthalate	149	8.741	8.741	-0.001	99	1470586	50.0	52.0	a
92 Fluoranthene	202	9.300	9.299	-0.004	98	1418942	50.0	51.2	
93 Benzidine	184	9.463	9.463	-0.004	100	435946	50.0	28.7	
94 Pyrene	202	9.514	9.514	-0.004	98	1462219	50.0	52.5	
95 Bisphenol-A	213	9.600	9.600	-0.004	99	300852	25.0	26.6	
$ 96 Terphenyl-d14	244	9.687	9.684	-0.001	97	1222867	50.0	50.4	
97 Butyl benzyl phthalate	149	10.182	10.179	-0.001	96	606313	50.0	52.8	
99 Carbamazepine	193	10.271	10.271	-0.005	93	524915	50.0	56.4	
101 Benzo[a]anthracene	228	10.709	10.706	-0.001	99	1374271	50.0	51.2	
100 3,3'-Dichlorobenzidine	252	10.709	10.709	-0.004	80	371657	50.0	34.6	
* 102 Chrysene-d12	240	10.718	10.723	-0.005	99	815590	40.0	40.0	
103 Chrysene	228	10.747	10.747	-0.005	98	1292757	50.0	51.2	
104 Bis(2-ethylhexyl) phthalate	149	10.783	10.783	-0.004	86	872101	50.0	53.3	
105 Di-n-octyl phthalate	149	11.556	11.556	-0.004	96	1473647	50.0	54.9	
106 Benzo[b]fluoranthene	252	11.961	11.962	-0.005	99	1368409	50.0	53.5	
107 Benzo[k]fluoranthene	252	12.000	11.997	-0.001	99	1422638	50.0	52.1	
108 Benzo[a]pyrene	252	12.377	12.374	-0.001	98	1303136	50.0	54.3	
* 109 Perylene-d12	264	12.450	12.455	-0.005	99	947095	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	13.881	13.881	-0.005	99	1539068	50.0	59.5	
111 Dibenz(a,h)anthracene	278	13.926	13.923	-0.002	98	1505260	50.0	56.8	
112 Benzo[g,h,i]perylene	276	14.239	14.239	-0.005	98	1400700	50.0	56.1	

QC Flag Legend

Processing Flags
E - Exceeded Maximum Amount
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

SM_ISTD_00197 Amount Added: 20.00 Units: uL Run Reagent

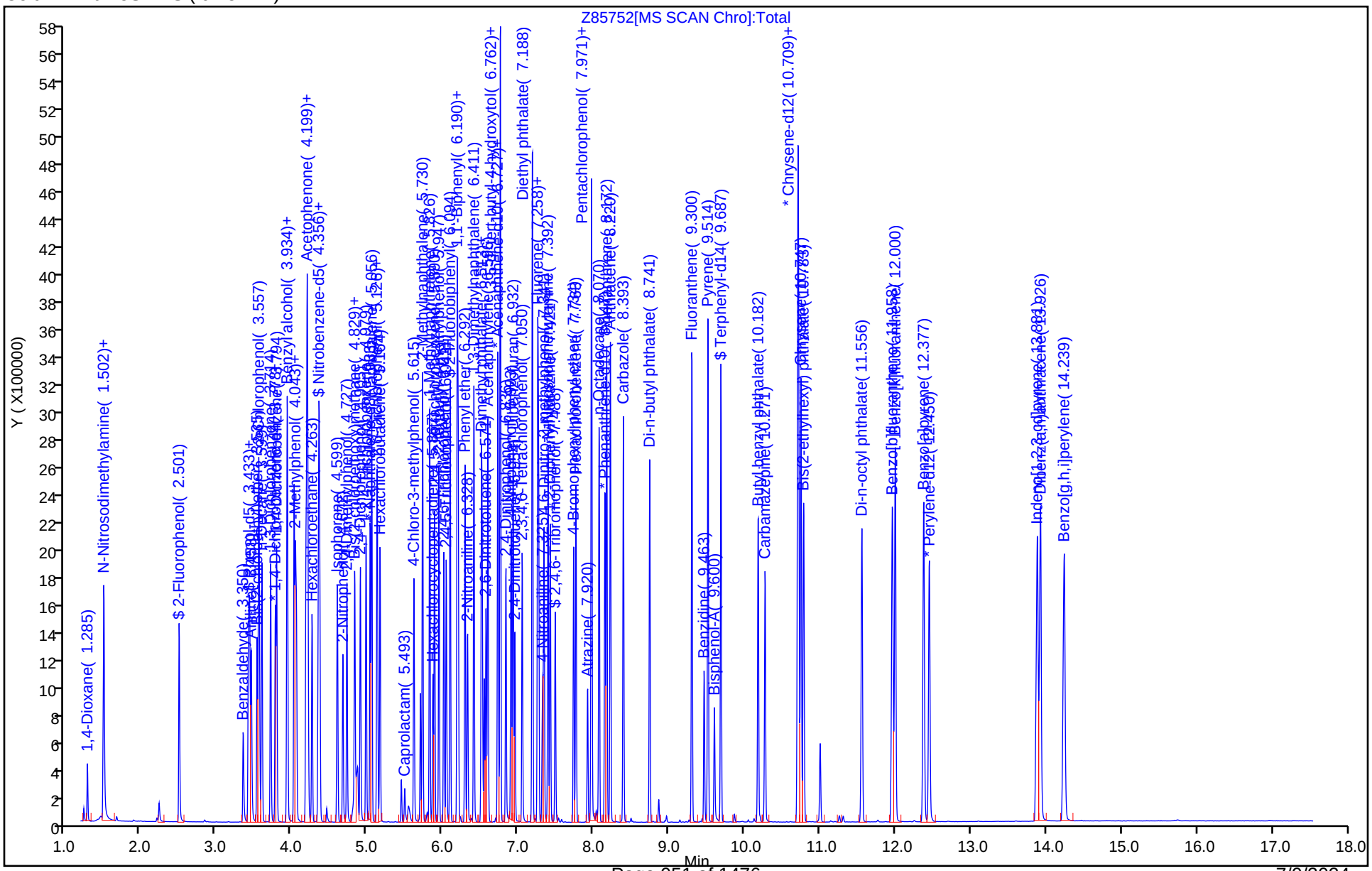
Report Date: 09-May-2024 07:58:05 Chrom Revision: 2.3 01-May-2024 15:52:26

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20240509-175638.b\Z85752.d

Injection Date:	09-May-2024 07:26:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	LCSD 460-973724/3-A			Worklist Smp#:	6
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8270_11R_9	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



7/9/2024
8:32:15 AM

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-303245-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-303181-G-5-A MS

Matrix: Water | Lab File ID: P85004.D

Analysis Method: 8270E | Date Collected:

Extract. Method: 3510C | Date Extracted: 05/04/2024 11:38

Sample wt/vol: 250(mL) | Date Analyzed: 05/04/2024 21:02

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 973040 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-12-7	Anthracene	46.8		10	1.3
56-55-3	Benzo[a]anthracene	42.7		1.0	0.59
50-32-8	Benzo[a]pyrene	46.2		1.0	0.41
205-99-2	Benzo[b]fluoranthene	45.3		2.0	0.68
191-24-2	Benzo[g,h,i]perylene	44.3		10	0.70
218-01-9	Chrysene	42.4		2.0	0.91
86-73-7	Fluorene	64.8		10	0.91
85-01-8	Phenanthrene	64.3		10	1.3
129-00-0	Pyrene	44.0		10	1.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	90		46-139
4165-60-0	Nitrobenzene-d5 (Surr)	94		51-145
1718-51-0	Terphenyl-d14 (Surr)	72		13-150

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-303245-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-303369-E-10-E MS

Matrix: Solid | Lab File ID: Z85779.d

Analysis Method: 8270E | Date Collected:

Extract. Method: 3546 | Date Extracted: 05/08/2024 18:22

Sample wt/vol: 15.00(g) | Date Analyzed: 05/09/2024 17:30

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 10.0 % Solids: 90.0 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 973784 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-12-7	Anthracene	3.05		1.8	0.056
56-55-3	Benzo[a]anthracene	4.77		0.18	0.14
50-32-8	Benzo[a]pyrene	4.80		0.18	0.049
205-99-2	Benzo[b]fluoranthene	5.54		0.18	0.048
191-24-2	Benzo[g,h,i]perylene	3.04		1.8	0.054
218-01-9	Chrysene	4.53		1.8	0.077
86-73-7	Fluorene	2.41		1.8	0.054
85-01-8	Phenanthrene	5.66		1.8	0.075
129-00-0	Pyrene	7.91		1.8	0.046

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	63		48-120
4165-60-0	Nitrobenzene-d5 (Surr)	64		38-120
1718-51-0	Terphenyl-d14 (Surr)	73		25-126

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-303245-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-303181-F-5-C MSD

Matrix: Water | Lab File ID: P85005.D

Analysis Method: 8270E | Date Collected:

Extract. Method: 3510C | Date Extracted: 05/04/2024 11:38

Sample wt/vol: 250(mL) | Date Analyzed: 05/04/2024 21:23

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 973040 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-12-7	Anthracene	54.6		10	1.3
56-55-3	Benzo[a]anthracene	49.3		1.0	0.59
50-32-8	Benzo[a]pyrene	53.6		1.0	0.41
205-99-2	Benzo[b]fluoranthene	50.8		2.0	0.68
191-24-2	Benzo[g,h,i]perylene	50.9		10	0.70
218-01-9	Chrysene	48.3		2.0	0.91
86-73-7	Fluorene	72.3		10	0.91
85-01-8	Phenanthrene	71.1		10	1.3
129-00-0	Pyrene	50.6		10	1.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	95		46-139
4165-60-0	Nitrobenzene-d5 (Surr)	98		51-145
1718-51-0	Terphenyl-d14 (Surr)	78		13-150

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-303245-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-303369-E-10-F MSD

Matrix: Solid | Lab File ID: Z85780.d

Analysis Method: 8270E | Date Collected:

Extract. Method: 3546 | Date Extracted: 05/08/2024 18:22

Sample wt/vol: 15.00(g) | Date Analyzed: 05/09/2024 17:52

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 10.0 % Solids: 90.0 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 973784 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-12-7	Anthracene	2.23		1.8	0.056
56-55-3	Benzo[a]anthracene	2.77		0.18	0.14
50-32-8	Benzo[a]pyrene	2.81		0.18	0.049
205-99-2	Benzo[b]fluoranthene	2.99		0.18	0.048
191-24-2	Benzo[g,h,i]perylene	2.04		1.8	0.054
218-01-9	Chrysene	2.59		1.8	0.077
86-73-7	Fluorene	2.15		1.8	0.054
85-01-8	Phenanthrene	2.81		1.8	0.075
129-00-0	Pyrene	3.76		1.8	0.046

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	55		48-120
4165-60-0	Nitrobenzene-d5 (Surr)	59		38-120
1718-51-0	Terphenyl-d14 (Surr)	64		25-126

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Instrument ID: CBNAMS11 Start Date: 04/26/2024 06:04

Analysis Batch Number: 971611 End Date: 04/26/2024 09:37

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-971611/1		04/26/2024 06:04	1	Z85449.d	Rtxi-5Sil MS 0.25(mm)
ICIS 460-971611/2		04/26/2024 06:16	1	Z85450.d	Rtxi-5Sil MS 0.25(mm)
STD120 460-971611/3 IC		04/26/2024 06:39	1	Z85451.d	Rtxi-5Sil MS 0.25(mm)
STD80 460-971611/4 IC		04/26/2024 07:01	1	Z85452.d	Rtxi-5Sil MS 0.25(mm)
STD20 460-971611/5 IC		04/26/2024 07:23	1	Z85453.d	Rtxi-5Sil MS 0.25(mm)
STD10 460-971611/6 IC		04/26/2024 07:46	1	Z85454.d	Rtxi-5Sil MS 0.25(mm)
STD5 460-971611/7 IC		04/26/2024 08:08	1	Z85455.d	Rtxi-5Sil MS 0.25(mm)
STD2 460-971611/8 IC		04/26/2024 08:31	1	Z85456.d	Rtxi-5Sil MS 0.25(mm)
STD1 460-971611/9 IC		04/26/2024 08:53	1	Z85457.d	Rtxi-5Sil MS 0.25(mm)
STD05 460-971611/10 IC		04/26/2024 09:15	1	Z85458.d	Rtxi-5Sil MS 0.25(mm)
ICV 460-971611/11		04/26/2024 09:37	1	Z85459.d	Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Instrument ID: CBNAMS11 Start Date: 05/09/2024 05:56

Analysis Batch Number: 973784 End Date: 05/09/2024 17:52

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-973784/2		05/09/2024 05:56	1	Z85748.d	Rtxi-5Sil MS 0.25(mm)
MB 460-973724/1-A		05/09/2024 06:41	1	Z85750.d	Rtxi-5Sil MS 0.25(mm)
LCS 460-973724/2-A		05/09/2024 07:03	1	Z85751.d	Rtxi-5Sil MS 0.25(mm)
LCSD 460-973724/3-A		05/09/2024 07:26	1	Z85752.d	Rtxi-5Sil MS 0.25(mm)
460-303245-2	240503_PWD_SOIL5_6.0-6.5	05/09/2024 07:48	1	Z85753.d	Rtxi-5Sil MS 0.25(mm)
460-303245-3	240503_PWD_SOIL6_6.0-6.5	05/09/2024 08:10	1	Z85754.d	Rtxi-5Sil MS 0.25(mm)
460-303245-5	DUP-2_050324	05/09/2024 08:33	1	Z85755.d	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/09/2024 08:55	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/09/2024 09:18	1		Rtxi-5Sil MS 0.25(mm)
460-303245-1	240503_PWD_SOIL4_6.0-6.5	05/09/2024 09:40	1	Z85758.d	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/09/2024 10:03	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/09/2024 10:25	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/09/2024 10:47	1		Rtxi-5Sil MS 0.25(mm)
460-303245-4	240503_PWD_SOIL7_6.0-6.5	05/09/2024 11:10	1	Z85762.d	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/09/2024 11:32	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/09/2024 11:55	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/09/2024 12:17	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/09/2024 12:39	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/09/2024 13:02	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/09/2024 13:24	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/09/2024 13:47	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/09/2024 14:54	5		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/09/2024 16:01	10		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/09/2024 16:23	10		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/09/2024 16:45	10		Rtxi-5Sil MS 0.25(mm)
460-303369-E-10-E MS		05/09/2024 17:30	5	Z85779.d	Rtxi-5Sil MS 0.25(mm)
460-303369-E-10-F MSD		05/09/2024 17:52	5	Z85780.d	Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Instrument ID: CBNAMS18 Start Date: 04/17/2024 11:39

Analysis Batch Number: 969996 End Date: 04/17/2024 19:42

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-969996/1		04/17/2024 11:39	1	P84775.D	Rtxi-5Sil MS 0.25(mm)
STD24 460-969996/3 IC		04/17/2024 12:39	1	P84778.D	Rtxi-5Sil MS 0.25(mm)
STD16 460-969996/4 IC		04/17/2024 13:21	1	P84780.D	Rtxi-5Sil MS 0.25(mm)
STD4 460-969996/5 IC		04/17/2024 14:04	1	P84782.D	Rtxi-5Sil MS 0.25(mm)
STD2 460-969996/6 IC		04/17/2024 14:46	1	P84784.D	Rtxi-5Sil MS 0.25(mm)
STD1 460-969996/7 IC		04/17/2024 15:28	1	P84786.D	Rtxi-5Sil MS 0.25(mm)
STD04 460-969996/8 IC		04/17/2024 16:11	1	P84788.D	Rtxi-5Sil MS 0.25(mm)
STD02 460-969996/9 IC		04/17/2024 16:53	1	P84790.D	Rtxi-5Sil MS 0.25(mm)
STD01 460-969996/10 IC		04/17/2024 17:35	1	P84792.D	Rtxi-5Sil MS 0.25(mm)
ICIS 460-969996/11		04/17/2024 18:18	1	P84794.D	Rtxi-5Sil MS 0.25(mm)
ICV 460-969996/13		04/17/2024 19:42	1	P84798.D	Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Instrument ID: CBNAMS18 Start Date: 05/04/2024 14:09

Analysis Batch Number: 973040 End Date: 05/05/2024 00:12

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-973040/2		05/04/2024 14:09	1	P84986.D	Rtxi-5Sil MS 0.25(mm)
MB 460-973025/1-A		05/04/2024 15:00	1	P84988.D	Rtxi-5Sil MS 0.25(mm)
LCS 460-973025/2-A		05/04/2024 15:45	1	P84989.D	Rtxi-5Sil MS 0.25(mm)
LCSD 460-973025/3-A		05/04/2024 16:06	1	P84990.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/04/2024 17:10	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/04/2024 17:31	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/04/2024 17:52	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/04/2024 18:13	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/04/2024 18:55	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/04/2024 20:41	1		Rtxi-5Sil MS 0.25(mm)
460-303181-G-5-A MS		05/04/2024 21:02	1	P85004.D	Rtxi-5Sil MS 0.25(mm)
460-303181-F-5-C MSD		05/04/2024 21:23	1	P85005.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/04/2024 22:26	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/04/2024 22:47	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/04/2024 23:08	1		Rtxi-5Sil MS 0.25(mm)
460-303245-6	FB-1_050324	05/04/2024 23:51	1	P85012.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		05/05/2024 00:12	1		Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Batch Number: 969996 Batch Start Date: 04/17/24 11:39 Batch Analyst: Johnston, Mark D

Batch Method: 8270E Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	FinalAmount	SMDFTP_CH 00036	SV_BNAL1_LVI 00006	SV_BNAL2_LVI 00006	SV_BNAL3_LVI 00008	SV_BNAL4_LVI 00008
DFTPP 460-969996/1		8270E			1 mL	1 mL				
STD24 460-969996/3 IC		8270E			1 mL					
STD16 460-969996/4 IC		8270E			1 mL					
STD4 460-969996/5 IC		8270E			1 mL					
STD2 460-969996/6 IC		8270E			1 mL					
STD1 460-969996/7 IC		8270E			1 mL					1 mL
STD04 460-969996/8 IC		8270E			1 mL				1 mL	
STD02 460-969996/9 IC		8270E			1 mL			1 mL		
STD01 460-969996/10 IC		8270E			1 mL		1 mL			
ICIS 460-969996/11		8270E			1 mL					
ICV 460-969996/13		8270E			1 mL					

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	SV_BNAL5_LVI 00008	SV_BNAL6_LVI 00009	SV_BNAL7_LVI 00009	SV_BNAL8_LVI 00008	SV_BNAL9_LVI 00007	SV_ICV_ LVI 00010
DFTPP 460-969996/1		8270E								
STD24 460-969996/3 IC		8270E							1 mL	
STD16 460-969996/4 IC		8270E						1 mL		
STD4 460-969996/5 IC		8270E				1 mL				
STD2 460-969996/6 IC		8270E			1 mL					
STD1 460-969996/7 IC		8270E								
STD04 460-969996/8 IC		8270E								
STD02 460-969996/9 IC		8270E								

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Batch Number: 969996 Batch Start Date: 04/17/24 11:39 Batch Analyst: Johnston, Mark D

Batch Method: 8270E Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	SV_BNAL5_LVI 00008	SV_BNAL6_LVI 00009	SV_BNAL7_LVI 00009	SV_BNAL8_LVI 00008	SV_BNAL9_LVI 00007	SV_ICV_ LVI 00010
STD01 460-969996/10 IC		8270E								
ICIS 460-969996/11		8270E					1 mL			
ICV 460-969996/13		8270E								1 mL

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Batch Number: 971611 Batch Start Date: 04/26/24 06:04 Batch Analyst: Johnston, Mark D

Batch Method: 8270E Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	FinalAmount	SMDFTP_CH 00036	SV_BNA_ICV 00010	SV_BNA_L1 00006	SV_BNA_L2 00006	SV_BNA_L3 00006
DFTPP 460-971611/1		8270E			1 mL	1 mL				
ICIS 460-971611/2		8270E			1 mL					
STD120 460-971611/3 IC		8270E			1 mL					
STD80 460-971611/4 IC		8270E			1 mL					
STD20 460-971611/5 IC		8270E			1 mL					
STD10 460-971611/6 IC		8270E			1 mL					
STD5 460-971611/7 IC		8270E			1 mL					
STD2 460-971611/8 IC		8270E			1 mL					1 mL
STD1 460-971611/9 IC		8270E			1 mL				1 mL	
STD05 460-971611/10 IC		8270E			1 mL			1 mL		
ICV 460-971611/11		8270E			1 mL		1 mL			

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	SV_BNA_L4 00006	SV_BNA_L5 00006	SV_BNA_L6 00006	SV_BNA_L7 00007	SV_BNA_L8 00006	SV_BNA_L9 00006
DFTPP 460-971611/1		8270E								
ICIS 460-971611/2		8270E						1 mL		
STD120 460-971611/3 IC		8270E								1 mL
STD80 460-971611/4 IC		8270E							1 mL	
STD20 460-971611/5 IC		8270E					1 mL			
STD10 460-971611/6 IC		8270E				1 mL				
STD5 460-971611/7 IC		8270E			1 mL					
STD2 460-971611/8 IC		8270E								

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Batch Number: 971611 Batch Start Date: 04/26/24 06:04 Batch Analyst: Johnston, Mark D

Batch Method: 8270E Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	SV_BNA_L4 00006	SV_BNA_L5 00006	SV_BNA_L6 00006	SV_BNA_L7 00007	SV_BNA_L8 00006	SV_BNA_L9 00006
STD1 460-971611/9 IC		8270E								
STD05 460-971611/10 IC		8270E								
ICV 460-971611/11		8270E								

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Batch Number: 973025 Batch Start Date: 05/04/24 11:38 Batch Analyst: Patel, Nehaben M

Batch Method: 3510C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	ReceivedpH	FirstAdjustpH	SecondAdjustpH	OP_Benzald_sp 00020
MB 460-973025/1		3510C, 8270E			250 mL	2 mL	7 SU	<2 SU	>12 SU	
LCS 460-973025/2		3510C, 8270E			250 mL	2 mL	7 SU	<2 SU	>12 SU	5 uL
LCSD 460-973025/3		3510C, 8270E			250 mL	2 mL	7 SU	<2 SU	>12 SU	5 uL
460-303245-F-6	FB-1_050324	3510C, 8270E	Water	T	250 mL	2 mL	7 SU	<2 SU	>12 SU	
460-303181-G-5 MS		3510C, 8270E		T	250 mL	2 mL	7 SU	<2 SU	>12 SU	5 uL
460-303181-F-5 MSD		3510C, 8270E		T	250 mL	2 mL	7 SU	<2 SU	>12 SU	5 uL

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	OP_BNA SPIK 00051	OP_BNASurroga 00029				
MB 460-973025/1		3510C, 8270E				200 uL				
LCS 460-973025/2		3510C, 8270E			200 uL	200 uL				
LCSD 460-973025/3		3510C, 8270E			200 uL	200 uL				
460-303245-F-6	FB-1_050324	3510C, 8270E	Water	T		200 uL				
460-303181-G-5 MS		3510C, 8270E		T	100 uL	200 uL				
460-303181-F-5 MSD		3510C, 8270E		T	100 uL	200 uL				

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Batch Number: 973025 Batch Start Date: 05/04/24 11:38 Batch Analyst: Patel, Nehaben M

Batch Method: 3510C Batch End Date:

Batch Notes	
Method/Fraction	3510C_LVI / 8270E
pH Indicator ID	10BDH5021
Analyst ID - Extraction	NP
Analyst ID - Spike Analyst	NP
Analyst ID - Spike Witness Analyst	AB
Sufficient Volume for Batch QC	Yes
Acid Used for pH Adjustment ID	231050
Base Used to Adjust pH ID	23D0456203
Prep Solvent ID	Dichloromethane: 662013
Na2SO4 ID	461008
Analyst ID - Concentration	NP
Equipment ID - Concentration 1	31869
Concentration 1 Uncorrected Temperature	35 Degrees C
Concentration 1 Corrected Temperature	35 Degrees C
Vial Lot Number	21116173
Batch Comment	BNA Water

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Batch Number: 973724 Batch Start Date: 05/08/24 18:21 Batch Analyst: Nelson, Rose E

Batch Method: 3546 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	OP_Benzald_sp 00020	OP_BNA SPIK 00051	OP_BNASurroga 00029	AnalysisComment
MB 460-973724/1		3546, 8270E			15.00 g	1 mL			500 uL	
LCS 460-973724/2		3546, 8270E			15.00 g	1 mL	10 uL	500 uL	500 uL	
LCSD 460-973724/3		3546, 8270E			15.00 g	1 mL	10 uL	500 uL	500 uL	
460-303245-F-1	240503_PWD_SOIL 4 6.0-6.5	3546, 8270E	Solid	T	15.00 g	1 mL			500 uL	
460-303245-F-2	240503_PWD_SOIL 5 6.0-6.5	3546, 8270E	Solid	T	15.00 g	1 mL			500 uL	
460-303245-F-3	240503_PWD_SOIL 6 6.0-6.5	3546, 8270E	Solid	T	15.00 g	1 mL			500 uL	
460-303245-F-4	240503_PWD_SOIL 7 6.0-6.5	3546, 8270E	Solid	T	15.00 g	1 mL			500 uL	
460-303245-F-5	DUP-2_050324	3546, 8270E	Solid	T	15.00 g	1 mL			500 uL	
460-303369-E-10 MS		3546, 8270E		T	15.00 g	1 mL	10 uL	500 uL	500 uL	BAD MATRIX
460-303369-E-10 MSD		3546, 8270E		T	15.00 g	1 mL	10 uL	500 uL	500 uL	BAD MATRIX

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Batch Number: 973724 Batch Start Date: 05/08/24 18:21 Batch Analyst: Nelson, Rose E

Batch Method: 3546 Batch End Date:

Batch Notes	
Method/Fraction	3546 / 8270E
Balance ID	13
Microwave Oven ID	MD-1952
Analyst ID - Extraction	RN
Blank Matrix ID	181427
Analyst ID - Spike Analyst	RN
Analyst ID - Spike Witness Analyst	GY
Prep Solvent ID	Dichloromethane: 2562011 & Acetone: 462002
Na2SO4 ID	461008
Analyst ID - Concentration	RN
Equipment ID - Concentration 1	31869
Thermometer ID - Concentration 1	31869
Concentration 1 Uncorrected Temperature	34.0 Degrees C
Concentration 1 Corrected Temperature	34.0 Degrees C
Vial Lot Number	21126080
Batch Comment	BNA Soil

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Method 8011

EDB, DBCP, and 1,2,3-TCP (GC) by Method 8011

FORM II
GC SEMI VOA SURROGATE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-303245-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): DB CLP1 ID: 0.32(mm) GC Column (2): DB CLP2 ID: 0.32(mm)

Client Sample ID	Lab Sample ID	1122TCA1#	1122TCA2#
240503_PWD_SOIL4_6.0-6.5	460-303245-1	124	129
240503_PWD_SOIL5_6.0-6.5	460-303245-2	116	115
240503_PWD_SOIL6_6.0-6.5	460-303245-3	125	127
240503_PWD_SOIL7_6.0-6.5	460-303245-4	126	126
DUP-2_050324	460-303245-5	128	127
	MB 410-503073/1-A	129	134
	MB 410-504517/1-A	122	116
	LCS 410-503073/2-A	104	106
	LCS 410-504517/2-A	103	105
	LCSD 410-503073/3-A	108	110
	LCSD 410-504517/3-A	106	106
240503_PWD_SOIL4_6.0-6.5 MS	460-303245-1 MS	111	112
240503_PWD_SOIL4_6.0-6.5 MSD	460-303245-1 MSD	119	125

	QC LIMITS
1122TCA = 1,1,2,2-Tetrachloroethane (Surr)	60-140

Column to be used to flag recovery values

FORM II 8011

FORM II
GC SEMI VOA SURROGATE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-303245-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): DB CLP1 ID: 0.32(mm) GC Column (2): DB CLP2 ID: 0.32(mm)

Client Sample ID	Lab Sample ID	1122TCA1#	1122TCA2#
FB-1_050324	460-303245-6	88	91
	MB 410-504521/1-A	91	96
	LCS 410-504521/2-A	102	103
	LCSD 410-504521/3-A	93	96

	QC LIMITS
1122TCA = 1,1,2,2-Tetrachloroethane (Surr)	46-136

Column to be used to flag recovery values

FORM II 8011

FORM III
GC SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-303245-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 43EDBS24129001.013.D

Lab ID: LCS 410-503073/2-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
1,2-Dibromoethane	0.00256	0.00230	90	60-140	

Column to be used to flag recovery and RPD values

FORM III 8011

FORM III
GC SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-303245-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 43EDBS24129002.006.D

Lab ID: LCS 410-504517/2-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
1,2-Dibromoethane	0.00256	0.00250	98	60-140	

Column to be used to flag recovery and RPD values

FORM III 8011

FORM III
GC SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-303245-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 43EDBW24135001.013.D

Lab ID: LCS 410-504521/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,2-Dibromoethane	0.128	0.126	98	60-140	

Column to be used to flag recovery and RPD values

FORM III 8011

FORM III
GC SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-303245-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 43EDBS24129001.014.D

Lab ID: LCSD 410-503073/3-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCSD CONCENTRATION (mg/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,2-Dibromoethane	0.00256	0.00245	96	6	20	60-140	

Column to be used to flag recovery and RPD values

FORM III 8011

FORM III
GC SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-303245-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 43EDBS24129002.007.D

Lab ID: LCSD 410-504517/3-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCSD CONCENTRATION (mg/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,2-Dibromoethane	0.00256	0.00268	105	7	20	60-140	

Column to be used to flag recovery and RPD values

FORM III 8011

FORM III
GC SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-303245-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 43EDBW24135001.014.D

Lab ID: LCSD 410-504521/3-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,2-Dibromoethane	0.128	0.116	91	8	20	60-140	

Column to be used to flag recovery and RPD values

FORM III 8011

FORM III
GC SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-303245-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 43EDBS24129002.008.D

Lab ID: 460-303245-1 MS Client ID: 240503_PWD_SOIL4_6.0-6.5 MS

COMPOUND	SPIKE ADDED (mg/Kg)	SAMPLE CONCENTRATION (mg/Kg)	MS CONCENTRATION (mg/Kg)	MS % REC	QC LIMITS REC	#
1,2-Dibromoethane	0.00278	0.00023 U	0.00310	112	60-140	

Column to be used to flag recovery and RPD values

FORM III 8011

FORM III
GC SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-303245-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 43EDBS24129002.009.D

Lab ID: 460-303245-1 MSD Client ID: 240503_PWD_SOIL4_6.0-6.5 MSD

COMPOUND	SPIKE ADDED (mg/Kg)	MSD CONCENTRATION (mg/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,2-Dibromoethane	0.00275	0.00306	111	1	20	60-140	

Column to be used to flag recovery and RPD values

FORM III 8011

FORM IV
GC SEMI VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-303245-1

SDG No.:

Lab Sample ID: MB 410-503073/1-A

Matrix: Solid Date Extracted: 05/07/2024 12:20

Lab File ID:(1) 43EDBS24129001.012.D Lab File ID:(2) 43EDBS24129001.012.D

Date Analyzed:(1) 05/08/2024 11:54 Date Analyzed:(2) 05/08/2024 11:54

Instrument ID:(1) 19846 Instrument ID:(2) 19846

GC Column:(1) DB CLP1 ID: 0.32(mm) GC Column:(2) DB CLP2 ID: 0.32(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 410-503073/2-A	05/08/2024 12:11	05/08/2024 12:11
	LCSD 410-503073/3-A	05/08/2024 12:29	05/08/2024 12:29
240503_PWD_SOIL5_6.0-6.5	460-303245-2	05/08/2024 15:04	05/08/2024 15:04
240503_PWD_SOIL6_6.0-6.5	460-303245-3	05/08/2024 15:21	05/08/2024 15:21
240503_PWD_SOIL7_6.0-6.5	460-303245-4	05/08/2024 15:38	05/08/2024 15:38
DUP-2_050324	460-303245-5	05/08/2024 15:56	05/08/2024 15:56

FORM IV
GC SEMI VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-303245-1

SDG No.:

Lab Sample ID: MB 410-504521/1-A

Matrix: Water Date Extracted: 05/10/2024 07:45

Lab File ID:(1) 43EDBW24135001.012.D Lab File ID:(2) 43EDBW24135001.012.D

Date Analyzed:(1) 05/14/2024 15:12 Date Analyzed:(2) 05/14/2024 15:12

Instrument ID:(1) 19846 Instrument ID:(2) 19846

GC Column:(1) DB CLP1 ID: 0.32(mm) GC Column:(2) DB CLP2 ID: 0.32(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 410-504521/2-A	05/14/2024 15:29	05/14/2024 15:29
	LCSD 410-504521/3-A	05/14/2024 15:47	05/14/2024 15:47
FB-1_050324	460-303245-6	05/14/2024 16:55	05/14/2024 16:55

FORM IV
GC SEMI VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-303245-1

SDG No.:

Lab Sample ID: MB 410-504517/1-A

Matrix: Solid Date Extracted: 05/10/2024 08:28

Lab File ID:(1) 43EDBS24129002.005.D Lab File ID:(2) 43EDBS24129002.005.D

Date Analyzed:(1) 05/13/2024 09:29 Date Analyzed:(2) 05/13/2024 09:29

Instrument ID:(1) 19846 Instrument ID:(2) 19846

GC Column:(1) DB CLP1 ID: 0.32(mm) GC Column:(2) DB CLP2 ID: 0.32(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 410-504517/2-A	05/13/2024 09:46	05/13/2024 09:46
	LCSD 410-504517/3-A	05/13/2024 10:03	05/13/2024 10:03
240503_PWD_SOIL4_6.0-6.5 MS	460-303245-1 MS	05/13/2024 10:20	05/13/2024 10:20
240503_PWD_SOIL4_6.0-6.5 MSD	460-303245-1 MSD	05/13/2024 10:37	05/13/2024 10:37
240503_PWD_SOIL4_6.0-6.5	460-303245-1	05/13/2024 10:54	05/13/2024 10:54

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-303245-1

SDG No.:

Sample No.: ICRT 410-503517/7 Date Analyzed: 05/08/2024 10:28

Instrument ID: 19846 GC Column: DB CLP1 ID: 0.32(mm)

Lab File ID (Standard): 43EDBS24129001.007. Heated Purge: (Y/N) N

Calibration ID: 61379

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				1122TCA RT #		
INITIAL CALIBRATION SURROGATE				4.25		
UPPER LIMIT				4.28		
LOWER LIMIT				4.22		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
ICRT 410-503517/7		05/08/2024 10:28	43EDBS2412900 1.007.D	4.25		
ICV 410-503517/11		05/08/2024 11:37	43EDBS2412900 1.011.D	4.25		
MB 410-503073/1-A		05/08/2024 11:54	43EDBS2412900 1.012.D	4.25		
LCS 410-503073/2-A		05/08/2024 12:11	43EDBS2412900 1.013.D	4.25		
LCSD 410-503073/3-A		05/08/2024 12:29	43EDBS2412900 1.014.D	4.25		
460-303245-2	240503_PWD_SOIL5_6.0-6.5	05/08/2024 15:04	43EDBS2412900 1.023.D	4.25		
460-303245-3	240503_PWD_SOIL6_6.0-6.5	05/08/2024 15:21	43EDBS2412900 1.024.D	4.25		
460-303245-4	240503_PWD_SOIL7_6.0-6.5	05/08/2024 15:38	43EDBS2412900 1.025.D	4.25		
460-303245-5	DUP-2_050324	05/08/2024 15:56	43EDBS2412900 1.026.D	4.25		
CCV 410-503517/27		05/08/2024 16:13	43EDBS2412900 1.027.D	4.25		
PIBLK 410-503517/28		05/08/2024 16:30	43EDBS2412900 1.028.D	4.25		

1122TCA = 1,1,2,2-Tetrachloroethane

1122TCA RT Limit = ± 0.03 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-303245-1

SDG No.:

Sample No.: ICRT 410-503517/7 Date Analyzed: 05/08/2024 10:28

Instrument ID: 19846 GC Column: DB CLP2 ID: 0.32(mm)

Lab File ID (Standard): 43EDBS24129001.007. Heated Purge: (Y/N) N

Calibration ID: 61380

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				1122TCA RT #		
INITIAL CALIBRATION SURROGATE				5.55		
UPPER LIMIT				5.58		
LOWER LIMIT				5.52		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
ICRT 410-503517/7		05/08/2024 10:28	43EDBS2412900 1.007.D	5.55		
ICV 410-503517/11		05/08/2024 11:37	43EDBS2412900 1.011.D	5.55		
MB 410-503073/1-A		05/08/2024 11:54	43EDBS2412900 1.012.D	5.55		
LCS 410-503073/2-A		05/08/2024 12:11	43EDBS2412900 1.013.D	5.55		
LCSD 410-503073/3-A		05/08/2024 12:29	43EDBS2412900 1.014.D	5.55		
460-303245-2	240503_PWD_SOIL5_6.0-6.5	05/08/2024 15:04	43EDBS2412900 1.023.D	5.55		
460-303245-3	240503_PWD_SOIL6_6.0-6.5	05/08/2024 15:21	43EDBS2412900 1.024.D	5.55		
460-303245-4	240503_PWD_SOIL7_6.0-6.5	05/08/2024 15:38	43EDBS2412900 1.025.D	5.55		
460-303245-5	DUP-2_050324	05/08/2024 15:56	43EDBS2412900 1.026.D	5.55		
CCV 410-503517/27		05/08/2024 16:13	43EDBS2412900 1.027.D	5.55		
PIBLK 410-503517/28		05/08/2024 16:30	43EDBS2412900 1.028.D	5.55		

1122TCA = 1,1,2,2-Tetrachloroethane

1122TCA RT Limit = ± 0.03 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-303245-1

SDG No.:

Sample No.: CCVRT 410-505199/3 Date Analyzed: 05/13/2024 08:54

Instrument ID: 19846 GC Column: DB CLP1 ID: 0.32(mm)

Lab File ID (Standard): 43EDBS24129002.003. Heated Purge: (Y/N) N

Calibration ID: 61379

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				1122TCA		
				RT #		
CONTINUING CALIBRATION SURROGATE				4.25		
UPPER LIMIT				4.28		
LOWER LIMIT				4.22		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 410-505199/3		05/13/2024 08:54	43EDBS24129002.003.D	4.25		
PIBLK 410-505199/4		05/13/2024 09:11	43EDBS24129002.004.D	4.25		
MB 410-504517/1-A		05/13/2024 09:29	43EDBS24129002.005.D	4.25		
LCS 410-504517/2-A		05/13/2024 09:46	43EDBS24129002.006.D	4.25		
LCSD 410-504517/3-A		05/13/2024 10:03	43EDBS24129002.007.D	4.25		
460-303245-1 MS	240503_PWD_SOIL4_6.0-6.5 MS	05/13/2024 10:20	43EDBS24129002.008.D	4.25		
460-303245-1 MSD	240503_PWD_SOIL4_6.0-6.5 MSD	05/13/2024 10:37	43EDBS24129002.009.D	4.25		
460-303245-1	240503_PWD_SOIL4_6.0-6.5	05/13/2024 10:54	43EDBS24129002.010.D	4.25		
CCV 410-505199/18		05/13/2024 13:11	43EDBS24129002.018.D	4.25		
PIBLK 410-505199/19		05/13/2024 13:28	43EDBS24129002.019.D	4.25		

1122TCA = 1,1,2,2-Tetrachloroethane

1122TCA RT Limit = ± 0.03 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-303245-1

SDG No.:

Sample No.: CCVRT 410-505199/3 Date Analyzed: 05/13/2024 08:54

Instrument ID: 19846 GC Column: DB CLP2 ID: 0.32(mm)

Lab File ID (Standard): 43EDBS24129002.003. Heated Purge: (Y/N) N

Calibration ID: 61380

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				1122TCA RT #		
CONTINUING CALIBRATION SURROGATE				5.55		
UPPER LIMIT				5.58		
LOWER LIMIT				5.52		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 410-505199/3		05/13/2024 08:54	43EDBS24129002.003.D	5.55		
PIBLK 410-505199/4		05/13/2024 09:11	43EDBS24129002.004.D	5.55		
MB 410-504517/1-A		05/13/2024 09:29	43EDBS24129002.005.D	5.55		
LCS 410-504517/2-A		05/13/2024 09:46	43EDBS24129002.006.D	5.55		
LCSD 410-504517/3-A		05/13/2024 10:03	43EDBS24129002.007.D	5.55		
460-303245-1 MS	240503_PWD_SOIL4_6.0-6.5 MS	05/13/2024 10:20	43EDBS24129002.008.D	5.55		
460-303245-1 MSD	240503_PWD_SOIL4_6.0-6.5 MSD	05/13/2024 10:37	43EDBS24129002.009.D	5.55		
460-303245-1	240503_PWD_SOIL4_6.0-6.5	05/13/2024 10:54	43EDBS24129002.010.D	5.55		
CCV 410-505199/18		05/13/2024 13:11	43EDBS24129002.018.D	5.55		
PIBLK 410-505199/19		05/13/2024 13:28	43EDBS24129002.019.D	5.55		

1122TCA = 1,1,2,2-Tetrachloroethane

1122TCA RT Limit = ± 0.03 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-303245-1

SDG No.:

Sample No.: ICRT 410-505957/7 Date Analyzed: 05/14/2024 13:46

Instrument ID: 19846 GC Column: DB CLP1 ID: 0.32(mm)

Lab File ID (Standard): 43EDBW24135001.007. Heated Purge: (Y/N) N

Calibration ID: 61655

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				1122TCA RT #		
INITIAL CALIBRATION SURROGATE				4.25		
UPPER LIMIT				4.28		
LOWER LIMIT				4.22		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
ICRT 410-505957/7		05/14/2024 13:46	43EDBW2413500 1.007.D	4.25		
ICV 410-505957/11		05/14/2024 14:55	43EDBW2413500 1.011.D	4.25		
MB 410-504521/1-A		05/14/2024 15:12	43EDBW2413500 1.012.D	4.24		
LCS 410-504521/2-A		05/14/2024 15:29	43EDBW2413500 1.013.D	4.25		
LCSD 410-504521/3-A		05/14/2024 15:47	43EDBW2413500 1.014.D	4.24		
460-303245-6	FB-1_050324	05/14/2024 16:55	43EDBW2413500 1.018.D	4.24		
CCV 410-505957/22		05/14/2024 18:04	43EDBW2413500 1.022.D	4.24		
PIBLK 410-505957/23		05/14/2024 18:21	43EDBW2413500 1.023.D	4.24		

1122TCA = 1,1,2,2-Tetrachloroethane

1122TCA RT Limit = ± 0.03 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-303245-1

SDG No.:

Sample No.: ICRT 410-505957/7 Date Analyzed: 05/14/2024 13:46

Instrument ID: 19846 GC Column: DB CLP2 ID: 0.32(mm)

Lab File ID (Standard): 43EDBW24135001.007. Heated Purge: (Y/N) N

Calibration ID: 61656

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				1122TCA RT #		
INITIAL CALIBRATION SURROGATE				5.55		
UPPER LIMIT				5.58		
LOWER LIMIT				5.52		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
ICRT 410-505957/7		05/14/2024 13:46	43EDBW2413500 1.007.D	5.55		
ICV 410-505957/11		05/14/2024 14:55	43EDBW2413500 1.011.D	5.55		
MB 410-504521/1-A		05/14/2024 15:12	43EDBW2413500 1.012.D	5.54		
LCS 410-504521/2-A		05/14/2024 15:29	43EDBW2413500 1.013.D	5.55		
LCSD 410-504521/3-A		05/14/2024 15:47	43EDBW2413500 1.014.D	5.55		
460-303245-6	FB-1_050324	05/14/2024 16:55	43EDBW2413500 1.018.D	5.54		
CCV 410-505957/22		05/14/2024 18:04	43EDBW2413500 1.022.D	5.54		
PIBLK 410-505957/23		05/14/2024 18:21	43EDBW2413500 1.023.D	5.54		

1122TCA = 1,1,2,2-Tetrachloroethane

1122TCA RT Limit = ± 0.03 minutes of surrogate RT

Column used to flag values outside QC limits

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-303245-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 410-503073/2-A

Instrument ID (1): 19846 Instrument ID (2): 19846

Date Analyzed (1): 05/08/2024 12:11 Date Analyzed (2): 05/08/2024 12:11

GC Column (1): DB CLP1 ID: 0.32(mm) GC Column (2): DB CLP2 ID: 0.32(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
1,2-Dibromoethane	1		2.80	2.77	2.83	0.00230		0.5
	2		3.88	3.86	3.92	0.00231		

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-303245-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 410-503073/3-A

Instrument ID (1): 19846 Instrument ID (2): 19846

Date Analyzed (1): 05/08/2024 12:29 Date Analyzed (2): 05/08/2024 12:29

GC Column (1): DB CLP1 ID: 0.32(mm) GC Column (2): DB CLP2 ID: 0.32(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
1,2-Dibromoethane	1		2.80	2.77	2.83	0.00245		0.1
	2		3.88	3.86	3.92	0.00244		

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-303245-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 410-504517/2-A

Instrument ID (1): 19846 Instrument ID (2): 19846

Date Analyzed (1): 05/13/2024 09:46 Date Analyzed (2): 05/13/2024 09:46

GC Column (1): DB CLP1 ID: 0.32(mm) GC Column (2): DB CLP2 ID: 0.32(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
1,2-Dibromoethane	1		2.80	2.77	2.83	0.00250		2.6
	2		3.88	3.85	3.91	0.00243		

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-303245-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 410-504517/3-A

Instrument ID (1): 19846 Instrument ID (2): 19846

Date Analyzed (1): 05/13/2024 10:03 Date Analyzed (2): 05/13/2024 10:03

GC Column (1): DB CLP1 ID: 0.32(mm) GC Column (2): DB CLP2 ID: 0.32(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
1,2-Dibromoethane	1		2.80	2.77	2.83	0.00268		3.4
	2		3.89	3.85	3.91	0.00259		

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-303245-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 410-504521/2-A

Instrument ID (1): 19846 Instrument ID (2): 19846

Date Analyzed (1): 05/14/2024 15:29 Date Analyzed (2): 05/14/2024 15:29

GC Column (1): DB CLP1 ID: 0.32(mm) GC Column (2): DB CLP2 ID: 0.32(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
1,2-Dibromoethane	1		2.80	2.77	2.83	0.126		4.2
	2		3.88	3.85	3.91	0.131		

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-303245-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 410-504521/3-A

Instrument ID (1): 19846 Instrument ID (2): 19846

Date Analyzed (1): 05/14/2024 15:47 Date Analyzed (2): 05/14/2024 15:47

GC Column (1): DB CLP1 ID: 0.32(mm) GC Column (2): DB CLP2 ID: 0.32(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
1,2-Dibromoethane	1		2.80	2.77	2.83	0.116		5.1
	2		3.88	3.85	3.91	0.122		

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-303245-1

SDG No.:

Client Sample ID: 240503_PWD_SOIL4_6.0-6.5 MS Lab Sample ID: 460-303245-1 MS

Instrument ID (1): 19846 Instrument ID (2): 19846

Date Analyzed (1): 05/13/2024 10:20 Date Analyzed (2): 05/13/2024 10:20

GC Column (1): DB CLP1 ID: 0.32(mm) GC Column (2): DB CLP2 ID: 0.32(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
1,2-Dibromoethane	1		2.80	2.77	2.83	0.00310		5.5
	2		3.89	3.85	3.91	0.00294		

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-303245-1

SDG No.:

Client Sample ID: 240503_PWD_SOIL4_6.0-6.5 MS Lab Sample ID: 460-303245-1 MSD

Instrument ID (1): 19846 Instrument ID (2): 19846

Date Analyzed (1): 05/13/2024 10:37 Date Analyzed (2): 05/13/2024 10:37

GC Column (1): DB CLP1 ID: 0.32(mm) GC Column (2): DB CLP2 ID: 0.32(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
1,2-Dibromoethane	1		2.81	2.77	2.83	0.00306		5.3
	2		3.89	3.85	3.91	0.00323		

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-303245-1

SDG No.:

Client Sample ID: 240503_PWD_SOIL4_6.0-6.5 Lab Sample ID: 460-303245-1

Matrix: Solid Lab File ID: 43EDBS24129002.010.D

Analysis Method: 8011 Date Collected: 05/03/2024 09:45

Extraction Method: 8011 Date Extracted: 05/10/2024 08:28

Sample wt/vol: 10.2(g) Date Analyzed: 05/13/2024 10:54

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: DB CLP1 ID: 0.32(mm)

% Moisture: 10.5 % Solids: 89.5 GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 505199 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.00023	U	0.00055	0.00023

CAS NO.	SURROGATE	%REC	Q	LIMITS
79-34-5	1,1,2,2-Tetrachloroethane (Surr)	124		60-140

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File:	\\chromfs\Lancaster\ChromData\19846\20240513-113723.b\43EDBS24129002.010.D				
Lims ID:	460-303245-E-1-C				
Client ID:	240503_PWD_SOIL4_6.0-6.5				
Sample Type:	Client				
Inject. Date:	13-May-2024 10:54:00	ALS Bottle#:	0	Worklist Smp#:	10
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-303245-E-1-C				
Operator ID:	120	Instrument ID:	19846		
Method:	\\chromfs\Lancaster\ChromData\19846\20240513-113723.b\8011_19846S.m				
Limit Group:	GCSV - 8011 Solid				
Last Update:	13-May-2024 14:02:12	Calib Date:	08-May-2024 11:02:00		
Integrator:	Falcon				
Quant Method:	External Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.009.D				
Column 1 :	Agilent DB-CLP1 (0.32 mm)		Det: 1ECDA		
Column 2 :	Agilent DB-CLP2 (0.32 mm)		Det: 2ECDB		
Process Host:	CTX1642				

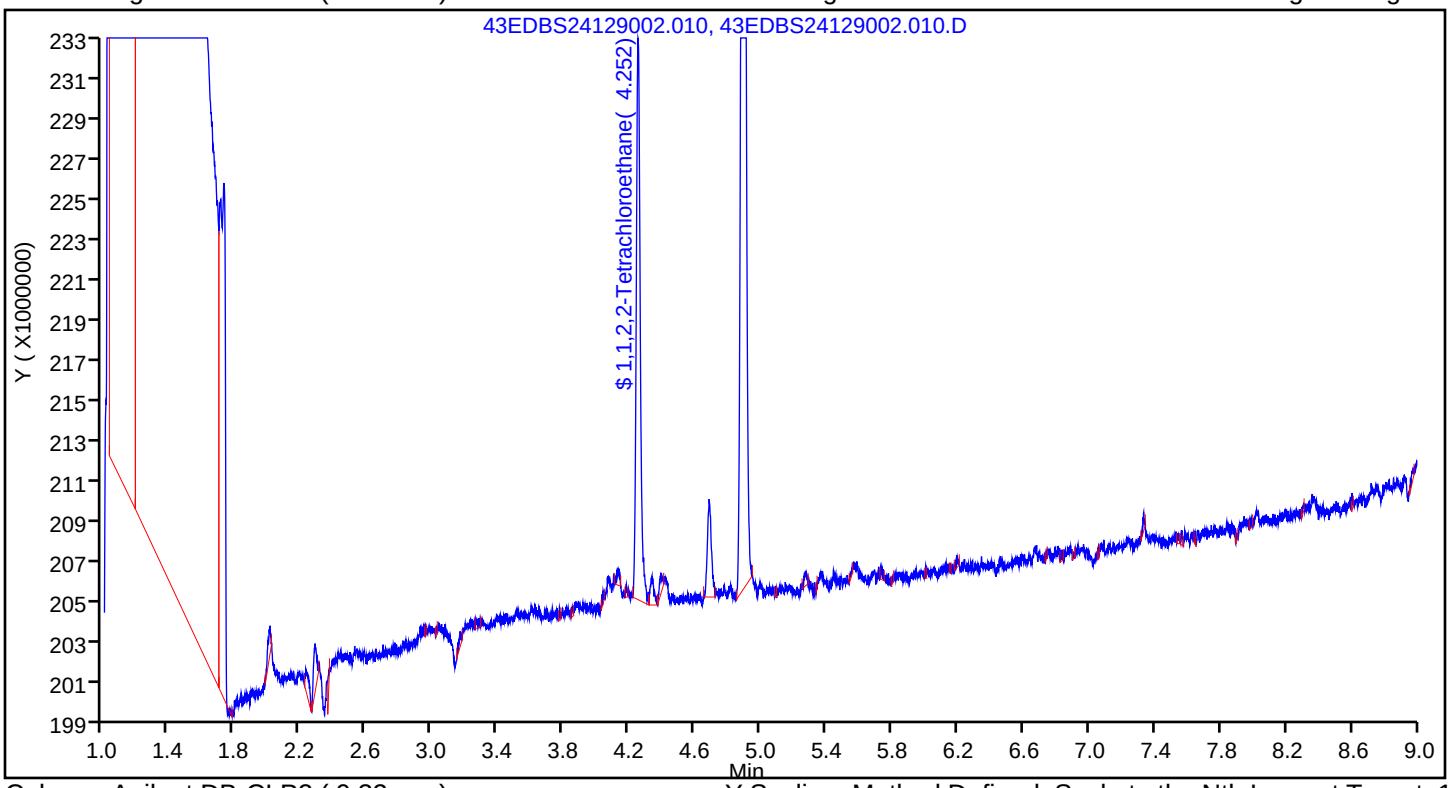
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1 Ethylene Dibromide						
1		2.803			ND	
2		3.884				
$ 2 1,1,2,2-Tetrachloroethane						
1	4.252	4.249	0.003	27405842	H 1.53	
2	5.553	5.549	0.004	26303363	H 1.59	
					RPD = 3.51	
3 1,2-Dibromo-3-Chloropropane						
1		7.095			ND	
2		8.390				

Report Date: 13-May-2024 14:02:21 Chrom Revision: 2.3 01-May-2024 15:52:26

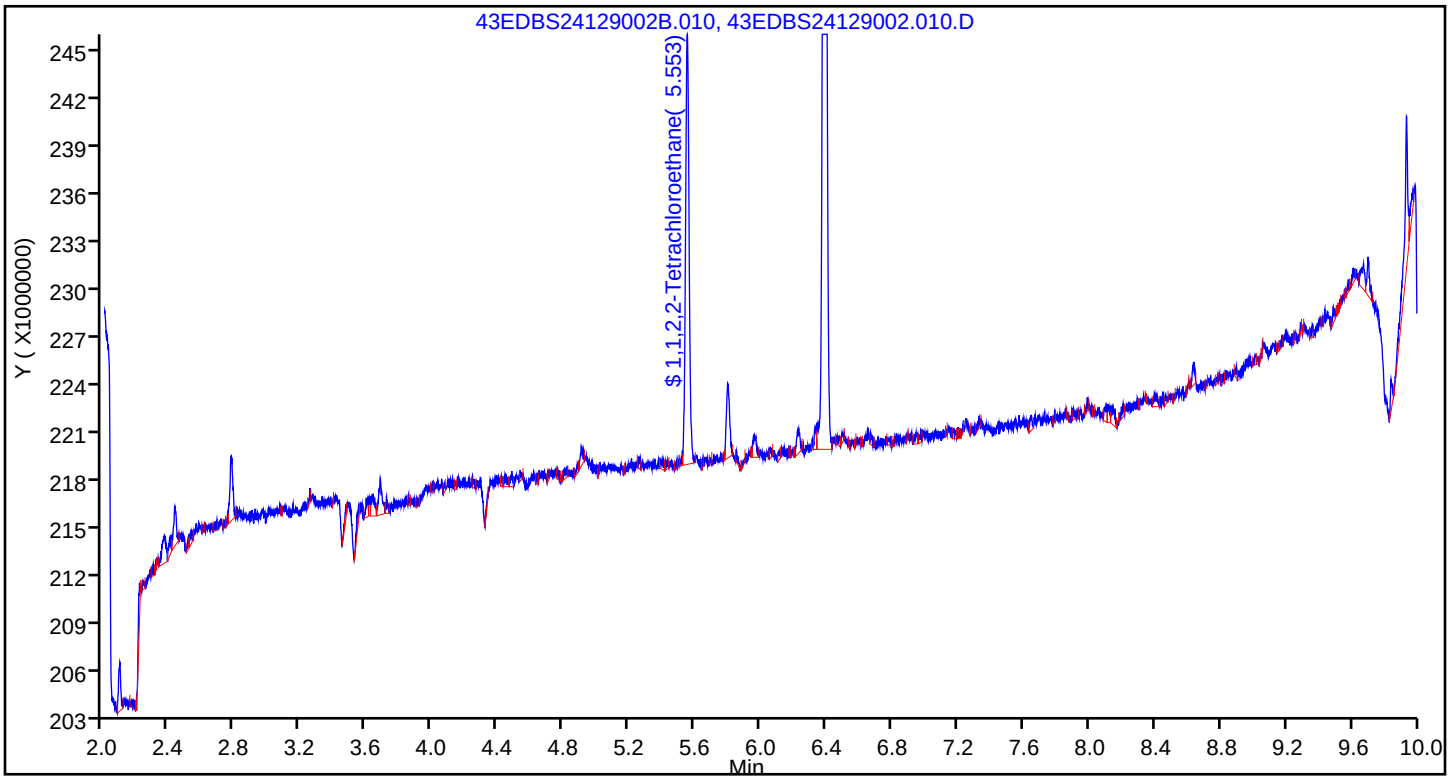
Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\19846\20240513-113723.b\43EDBS24129002.010.D				
Injection Date:	13-May-2024 10:54:00	Instrument ID:	19846		
Lims ID:	460-303245-E-1-C	Lab Sample ID:	410-303245-1		
Client ID:	240503_PWD_SOIL4_6.0-6.5				
Operator ID:	120	ALS Bottle#:	0	Worklist Smp#:	10
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8011_19846S	Limit Group:	GCSV - 8011 Solid		

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-303245-1

SDG No.:

Client Sample ID: 240503_PWD_SOIL4_6.0-6.5 Lab Sample ID: 460-303245-1

Matrix: Solid Lab File ID: 43EDBS24129002.010.D

Analysis Method: 8011 Date Collected: 05/03/2024 09:45

Extraction Method: 8011 Date Extracted: 05/10/2024 08:28

Sample wt/vol: 10.2(g) Date Analyzed: 05/13/2024 10:54

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: DB CLP2 ID: 0.32(mm)

% Moisture: 10.5 % Solids: 89.5 GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 505199 Units: mg/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
79-34-5	1,1,2,2-Tetrachloroethane (Surr)	129		60-140

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240513-113723.b\43EDBS24129002.010.D
Lims ID: 460-303245-E-1-C
Client ID: 240503_PWD_SOIL4_6.0-6.5
Sample Type: Client
Inject. Date: 13-May-2024 10:54:00 ALS Bottle#: 0 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-303245-E-1-C
Operator ID: 120 Instrument ID: 19846

Method: \\chromfs\Lancaster\ChromData\19846\20240513-113723.b\8011_19846S.m
Limit Group: GCSV - 8011 Solid
Last Update: 13-May-2024 14:02:12 Calib Date: 08-May-2024 11:02:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.009.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1642

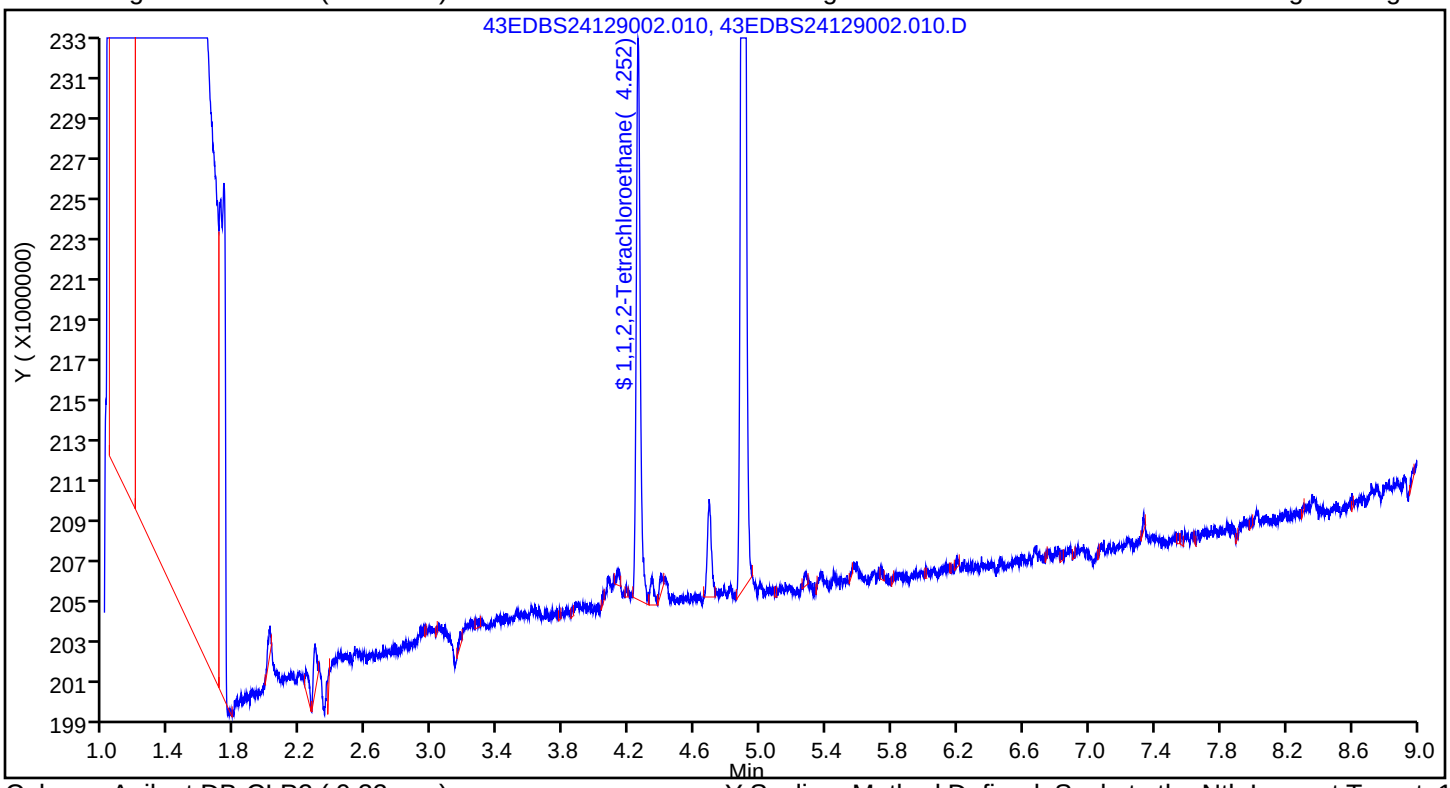
Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
1 Ethylene Dibromide						
1		2.803			ND	
2		3.884				
$ 2 1,1,2,2-Tetrachloroethane						
1	4.252	4.249	0.003	27405842	H 1.53	
2	5.553	5.549	0.004	26303363	H 1.59	
					RPD = 3.51	
3 1,2-Dibromo-3-Chloropropane						
1		7.095			ND	
2		8.390				

Report Date: 13-May-2024 14:02:22 Chrom Revision: 2.3 01-May-2024 15:52:26

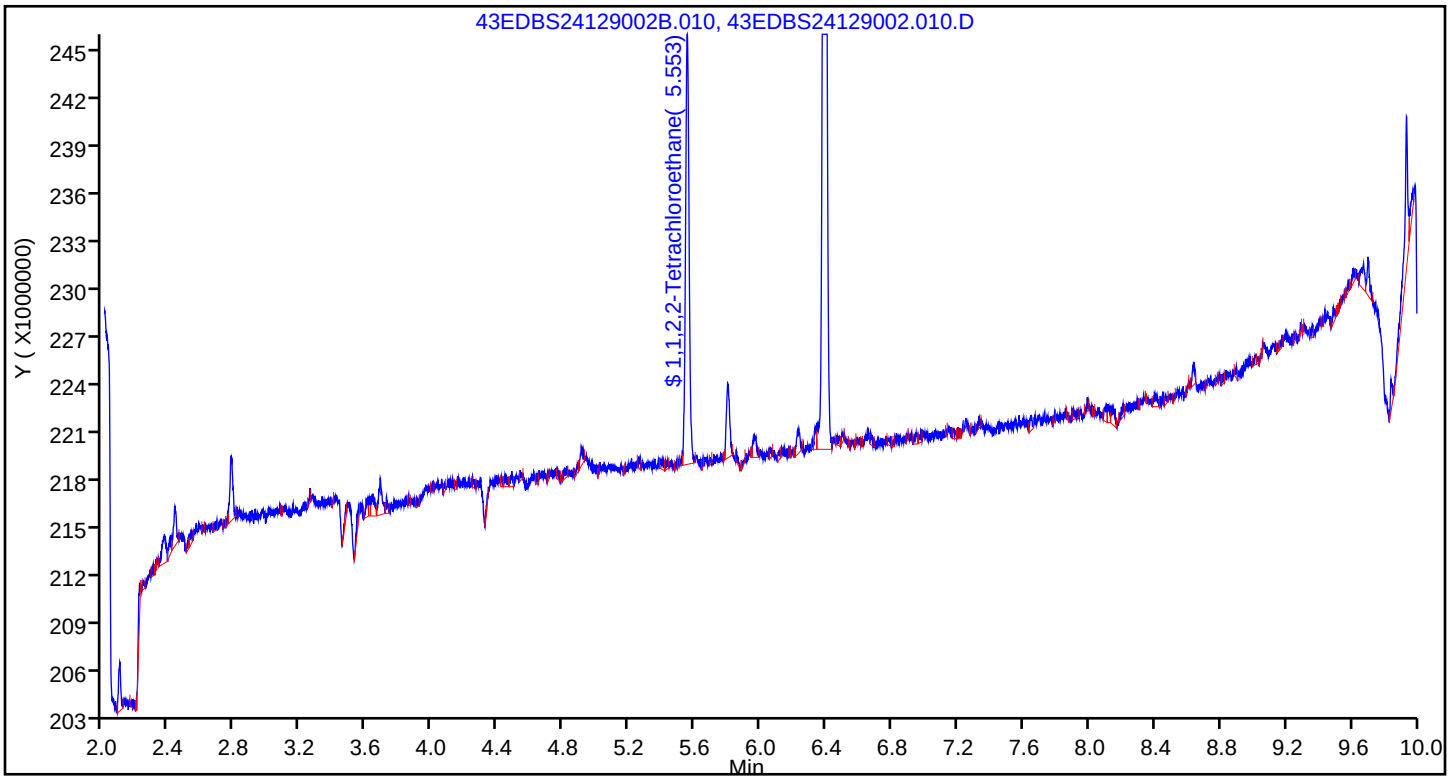
Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\19846\20240513-113723.b\43EDBS24129002.010.D				
Injection Date:	13-May-2024 10:54:00	Instrument ID:	19846		
Lims ID:	460-303245-E-1-C	Lab Sample ID:	410-303245-1		
Client ID:	240503_PWD_SOIL4_6.0-6.5				
Operator ID:	120	ALS Bottle#:	0	Worklist Smp#:	10
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8011_19846S	Limit Group:	GCSV - 8011 Solid		

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-303245-1

SDG No.:

Client Sample ID: 240503_PWD_SOIL5_6.0-6.5 Lab Sample ID: 460-303245-2

Matrix: Solid Lab File ID: 43EDBS24129001.023.D

Analysis Method: 8011 Date Collected: 05/03/2024 10:40

Extraction Method: 8011 Date Extracted: 05/07/2024 12:20

Sample wt/vol: 10.3(g) Date Analyzed: 05/08/2024 15:04

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: DB CLP1 ID: 0.32(mm)

% Moisture: 11.7 % Solids: 88.3 GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 503517 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.00023	U	0.00055	0.00023

CAS NO.	SURROGATE	%REC	Q	LIMITS
79-34-5	1,1,2,2-Tetrachloroethane (Surr)	116		60-140

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File:	\\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.023.D				
Lims ID:	460-303245-E-2-A				
Client ID:	240503_PWD_SOIL5_6.0-6.5				
Sample Type:	Client				
Inject. Date:	08-May-2024 15:04:00	ALS Bottle#:	0	Worklist Smp#:	23
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-303245-E-2-A				
Operator ID:	120	Instrument ID:	19846		
Method:	\\chromfs\Lancaster\ChromData\19846\20240508-113344.b\8011_19846S.m				
Limit Group:	GCSV - 8011 Solid				
Last Update:	09-May-2024 07:43:45	Calib Date:	08-May-2024 11:02:00		
Integrator:	Falcon				
Quant Method:	External Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.009.D				
Column 1 :	Agilent DB-CLP1 (0.32 mm)		Det: 1ECDA		
Column 2 :	Agilent DB-CLP2 (0.32 mm)		Det: 2ECDB		
Process Host:	CTX1627				

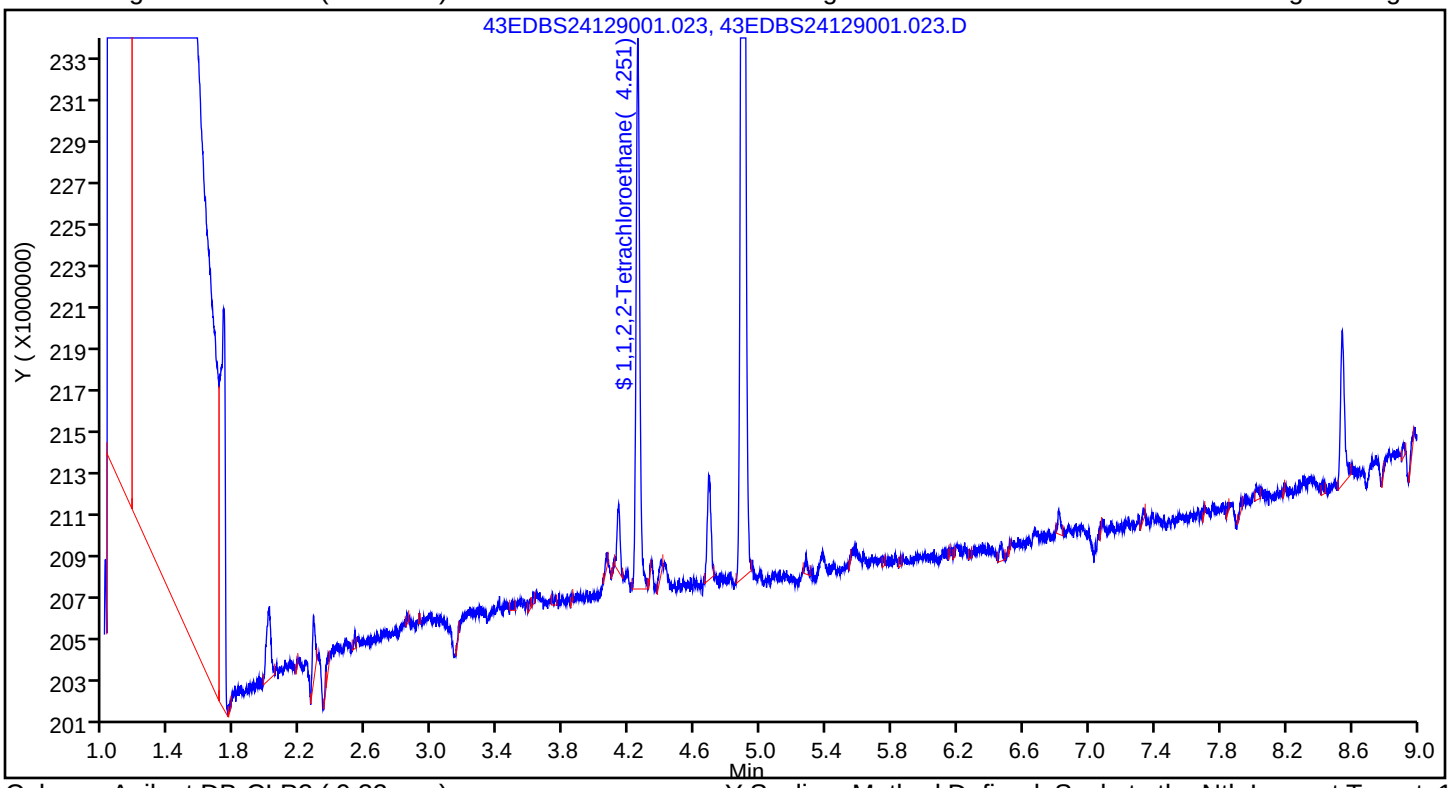
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1 Ethylene Dibromide						
1		2.803			ND	
2		3.885				
$ 2 1,1,2,2-Tetrachloroethane						
1	4.251	4.249	0.002	26049185	H 1.44	
2	5.552	5.550	0.002	23973238	H 1.42	
					RPD = 1.32	

Report Date: 09-May-2024 07:44:31 Chrom Revision: 2.3 01-May-2024 15:52:26

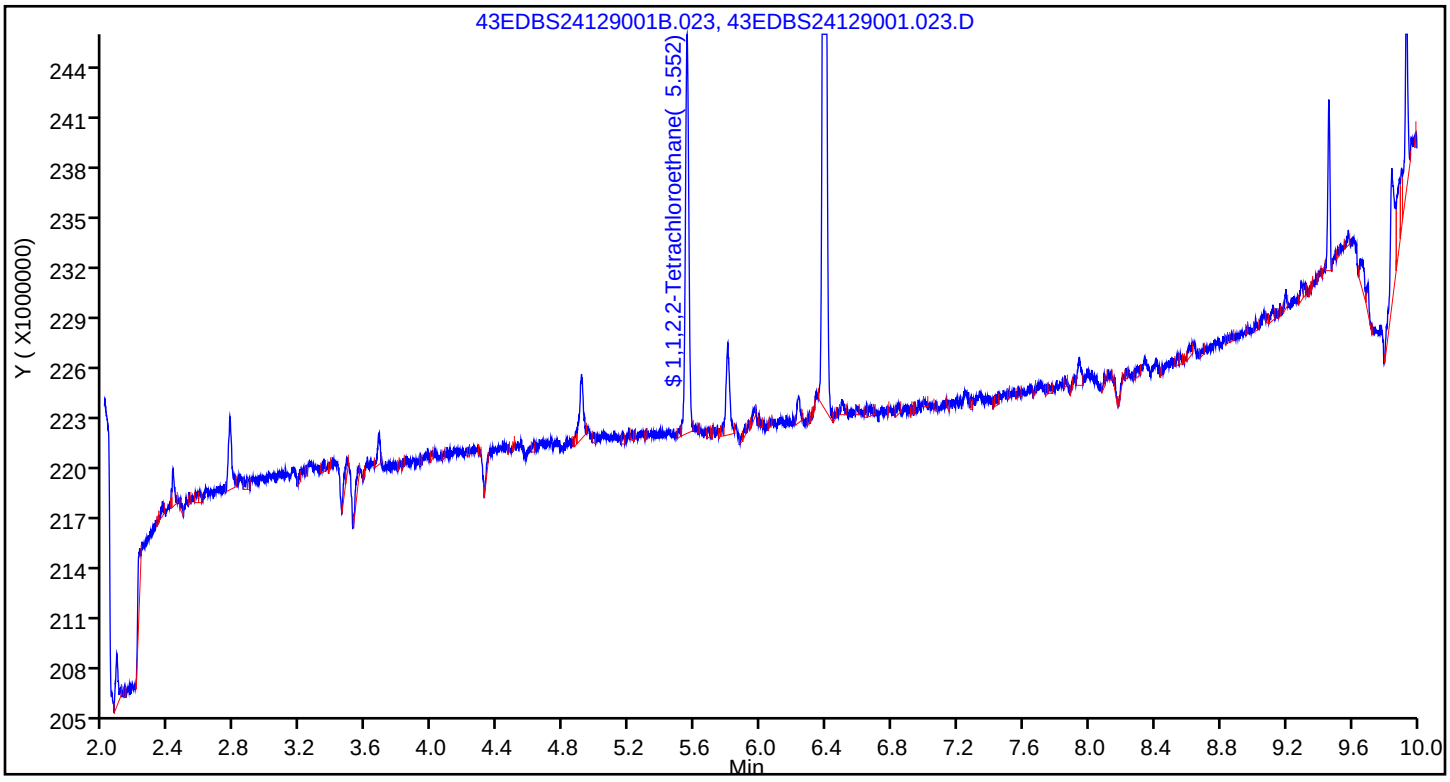
Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.023.D				
Injection Date:	08-May-2024 15:04:00	Instrument ID:	19846		
Lims ID:	460-303245-E-2-A	Lab Sample ID:	410-303245-2		
Client ID:	240503_PWD_SOIL5_6.0-6.5				
Operator ID:	120	ALS Bottle#:	0	Worklist Smp#:	23
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8011_19846S	Limit Group:	GCSV - 8011 Solid		

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



7/9/2024
8:32:15 AM

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-303245-1

SDG No.:

Client Sample ID: 240503_PWD_SOIL5_6.0-6.5 Lab Sample ID: 460-303245-2

Matrix: Solid Lab File ID: 43EDBS24129001.023.D

Analysis Method: 8011 Date Collected: 05/03/2024 10:40

Extraction Method: 8011 Date Extracted: 05/07/2024 12:20

Sample wt/vol: 10.3(g) Date Analyzed: 05/08/2024 15:04

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: DB CLP2 ID: 0.32(mm)

% Moisture: 11.7 % Solids: 88.3 GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 503517 Units: mg/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
79-34-5	1,1,2,2-Tetrachloroethane (Surr)	115		60-140

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File:	\\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.023.D				
Lims ID:	460-303245-E-2-A				
Client ID:	240503_PWD_SOIL5_6.0-6.5				
Sample Type:	Client				
Inject. Date:	08-May-2024 15:04:00	ALS Bottle#:	0	Worklist Smp#:	23
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-303245-E-2-A				
Operator ID:	120	Instrument ID:	19846		
Method:	\\chromfs\Lancaster\ChromData\19846\20240508-113344.b\8011_19846S.m				
Limit Group:	GCSV - 8011 Solid				
Last Update:	09-May-2024 07:43:45	Calib Date:	08-May-2024 11:02:00		
Integrator:	Falcon				
Quant Method:	External Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.009.D				
Column 1 :	Agilent DB-CLP1 (0.32 mm)		Det: 1ECDA		
Column 2 :	Agilent DB-CLP2 (0.32 mm)		Det: 2ECDB		
Process Host:	CTX1627				

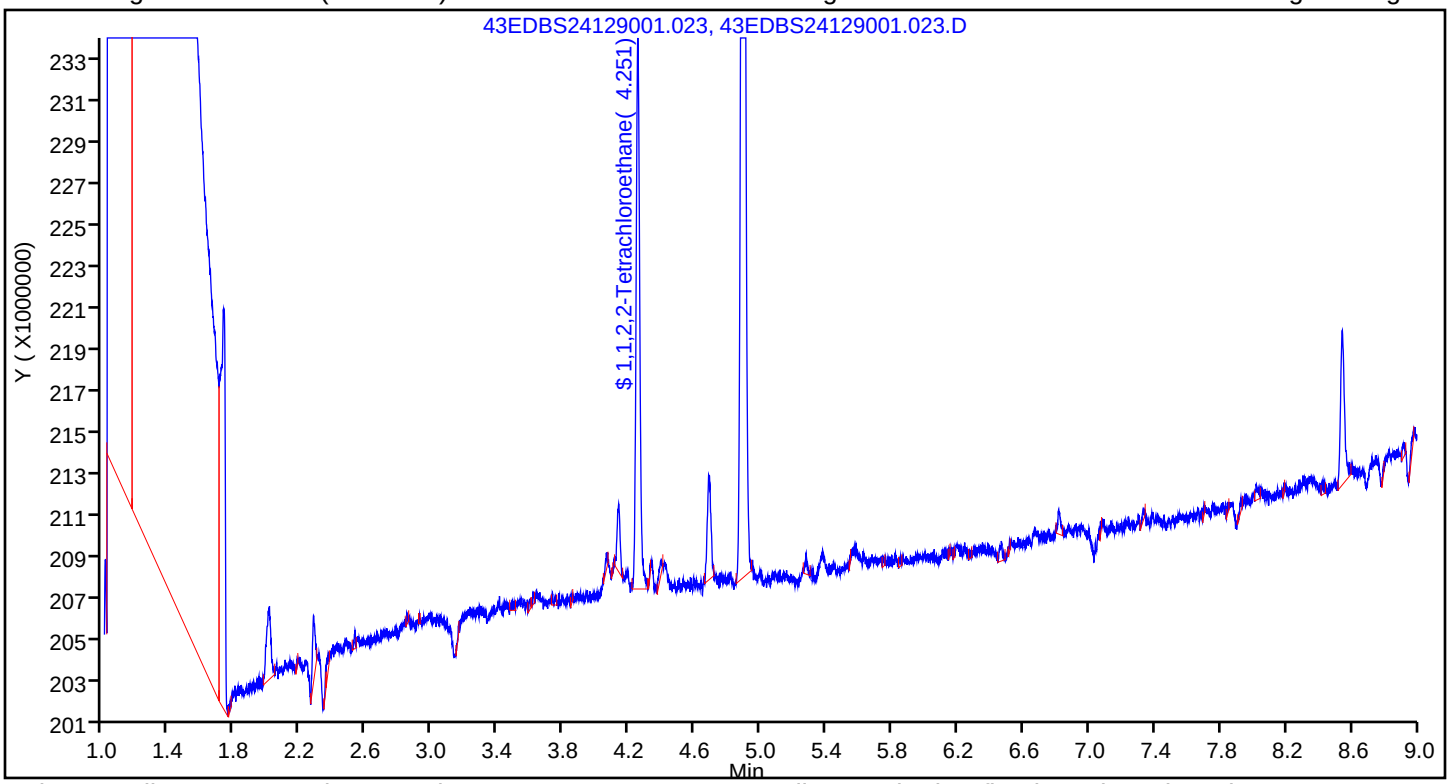
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1 Ethylene Dibromide						
1		2.803			ND	
2		3.885				
$ 2 1,1,2,2-Tetrachloroethane						
1	4.251	4.249	0.002	26049185	H 1.44	
2	5.552	5.550	0.002	23973238	H 1.42	
					RPD = 1.32	

Report Date: 09-May-2024 07:44:31 Chrom Revision: 2.3 01-May-2024 15:52:26

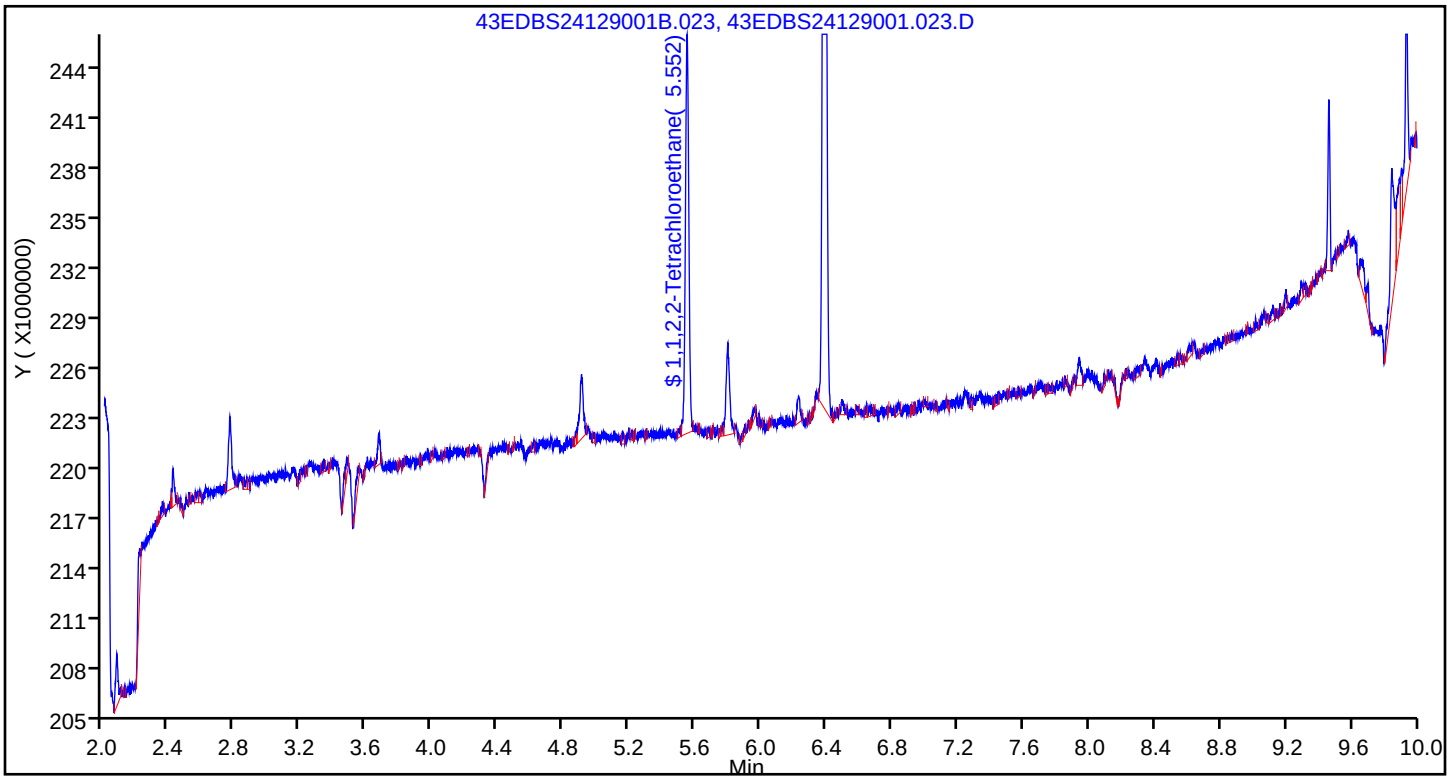
Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.023.D				
Injection Date:	08-May-2024 15:04:00	Instrument ID:	19846		
Lims ID:	460-303245-E-2-A	Lab Sample ID:	410-303245-2		
Client ID:	240503_PWD_SOIL5_6.0-6.5				
Operator ID:	120	ALS Bottle#:	0	Worklist Smp#:	23
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8011_19846S	Limit Group:	GCSV - 8011 Solid		

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-303245-1

SDG No.:

Client Sample ID: 240503_PWD_SOIL6_6.0-6.5 Lab Sample ID: 460-303245-3

Matrix: Solid Lab File ID: 43EDBS24129001.024.D

Analysis Method: 8011 Date Collected: 05/03/2024 11:40

Extraction Method: 8011 Date Extracted: 05/07/2024 12:20

Sample wt/vol: 10.4(g) Date Analyzed: 05/08/2024 15:21

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: DB CLP1 ID: 0.32(mm)

% Moisture: 10.9 % Solids: 89.1 GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 503517 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.00023	U	0.00054	0.00023

CAS NO.	SURROGATE	%REC	Q	LIMITS
79-34-5	1,1,2,2-Tetrachloroethane (Surr)	125		60-140

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File:	\\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.024.D				
Lims ID:	460-303245-E-3-A				
Client ID:	240503_PWD_SOIL6_6.0-6.5				
Sample Type:	Client				
Inject. Date:	08-May-2024 15:21:00	ALS Bottle#:	0	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-303245-E-3-A				
Operator ID:	120	Instrument ID:	19846		
Method:	\\chromfs\Lancaster\ChromData\19846\20240508-113344.b\8011_19846S.m				
Limit Group:	GCSV - 8011 Solid				
Last Update:	09-May-2024 07:43:45	Calib Date:	08-May-2024 11:02:00		
Integrator:	Falcon				
Quant Method:	External Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.009.D				
Column 1 :	Agilent DB-CLP1 (0.32 mm)		Det: 1ECDA		
Column 2 :	Agilent DB-CLP2 (0.32 mm)		Det: 2ECDB		
Process Host:	CTX1627				

First Level Reviewer: URS0 Date: 09-May-2024 07:31:33

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
1 Ethylene Dibromide						
1		2.803			ND	
2		3.885				
$ 2 1,1,2,2-Tetrachloroethane						
1	4.250	4.249	0.001	27552592	H 1.54	
2	5.550	5.550	0.000	26058343	H 1.57	
					RPD = 1.65	

QC Flag Legend

Processing Flags

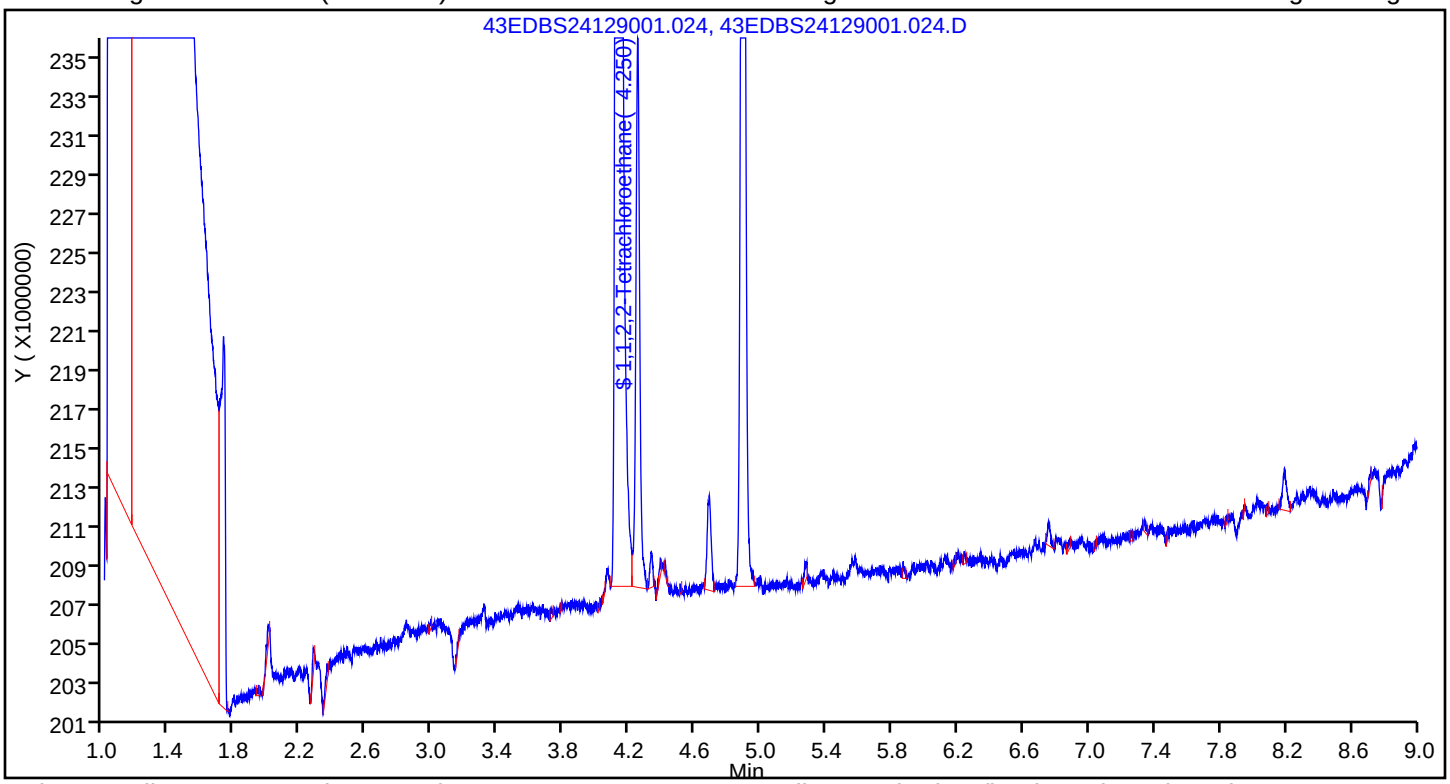
H - Response Measured by Height

Report Date: 09-May-2024 07:44:32 Chrom Revision: 2.3 01-May-2024 15:52:26

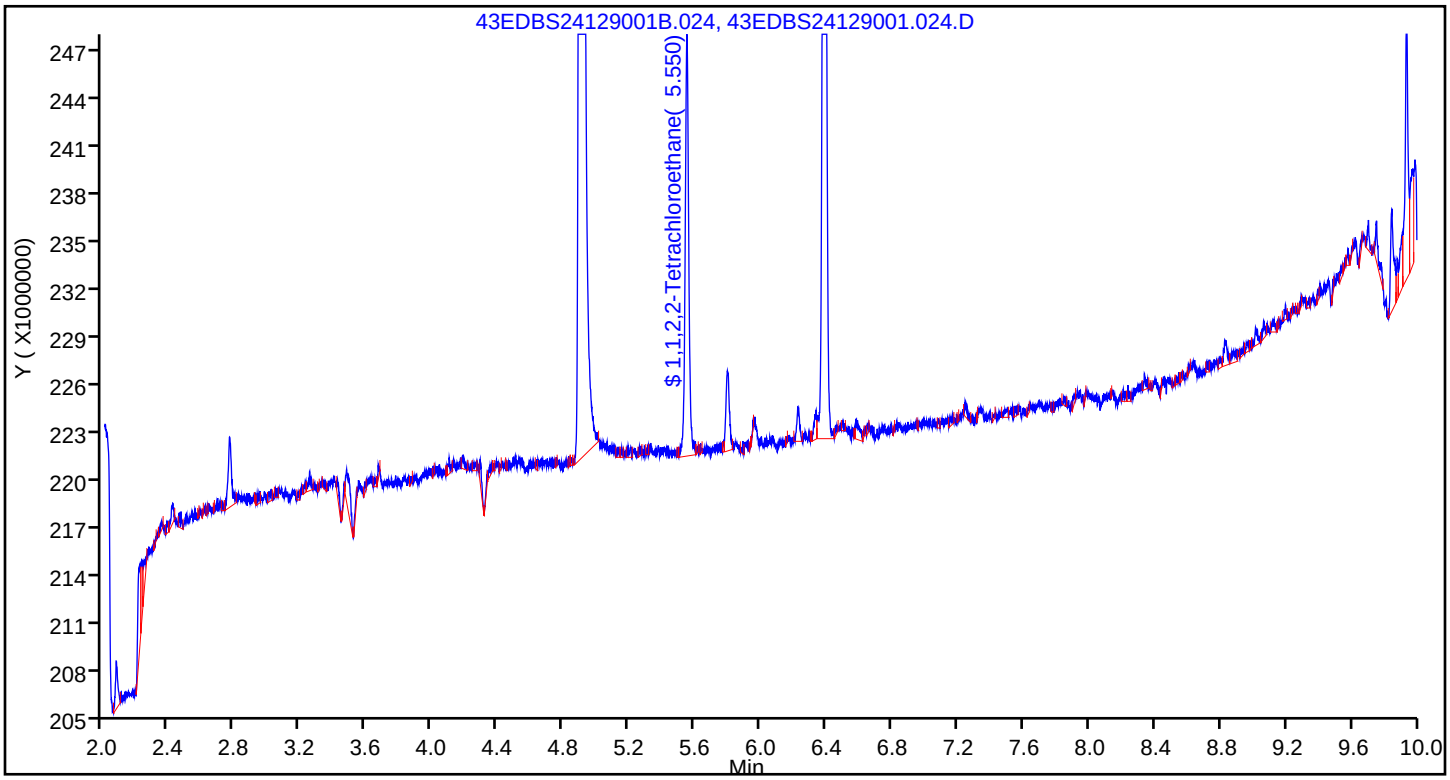
Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.024.D				
Injection Date:	08-May-2024 15:21:00	Instrument ID:	19846		
Lims ID:	460-303245-E-3-A	Lab Sample ID:	410-303245-3		
Client ID:	240503_PWD_SOIL6_6.0-6.5				
Operator ID:	120	ALS Bottle#:	0	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8011_19846S	Limit Group:	GCSV - 8011 Solid		

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-303245-1

SDG No.:

Client Sample ID: 240503_PWD_SOIL6_6.0-6.5 Lab Sample ID: 460-303245-3

Matrix: Solid Lab File ID: 43EDBS24129001.024.D

Analysis Method: 8011 Date Collected: 05/03/2024 11:40

Extraction Method: 8011 Date Extracted: 05/07/2024 12:20

Sample wt/vol: 10.4(g) Date Analyzed: 05/08/2024 15:21

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: DB CLP2 ID: 0.32(mm)

% Moisture: 10.9 % Solids: 89.1 GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 503517 Units: mg/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
79-34-5	1,1,2,2-Tetrachloroethane (Surr)	127		60-140

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File:	\\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.024.D				
Lims ID:	460-303245-E-3-A				
Client ID:	240503_PWD_SOIL6_6.0-6.5				
Sample Type:	Client				
Inject. Date:	08-May-2024 15:21:00	ALS Bottle#:	0	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-303245-E-3-A				
Operator ID:	120	Instrument ID:	19846		
Method:	\\chromfs\Lancaster\ChromData\19846\20240508-113344.b\8011_19846S.m				
Limit Group:	GCSV - 8011 Solid				
Last Update:	09-May-2024 07:43:45	Calib Date:	08-May-2024 11:02:00		
Integrator:	Falcon				
Quant Method:	External Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.009.D				
Column 1 :	Agilent DB-CLP1 (0.32 mm)		Det: 1ECDA		
Column 2 :	Agilent DB-CLP2 (0.32 mm)		Det: 2ECDB		
Process Host:	CTX1627				

First Level Reviewer: URS0 Date: 09-May-2024 07:31:33

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
1 Ethylene Dibromide						
1		2.803			ND	
2		3.885				
$ 2 1,1,2,2-Tetrachloroethane						
1	4.250	4.249	0.001	27552592	H 1.54	
2	5.550	5.550	0.000	26058343	H 1.57	
					RPD = 1.65	

QC Flag Legend

Processing Flags

H - Response Measured by Height

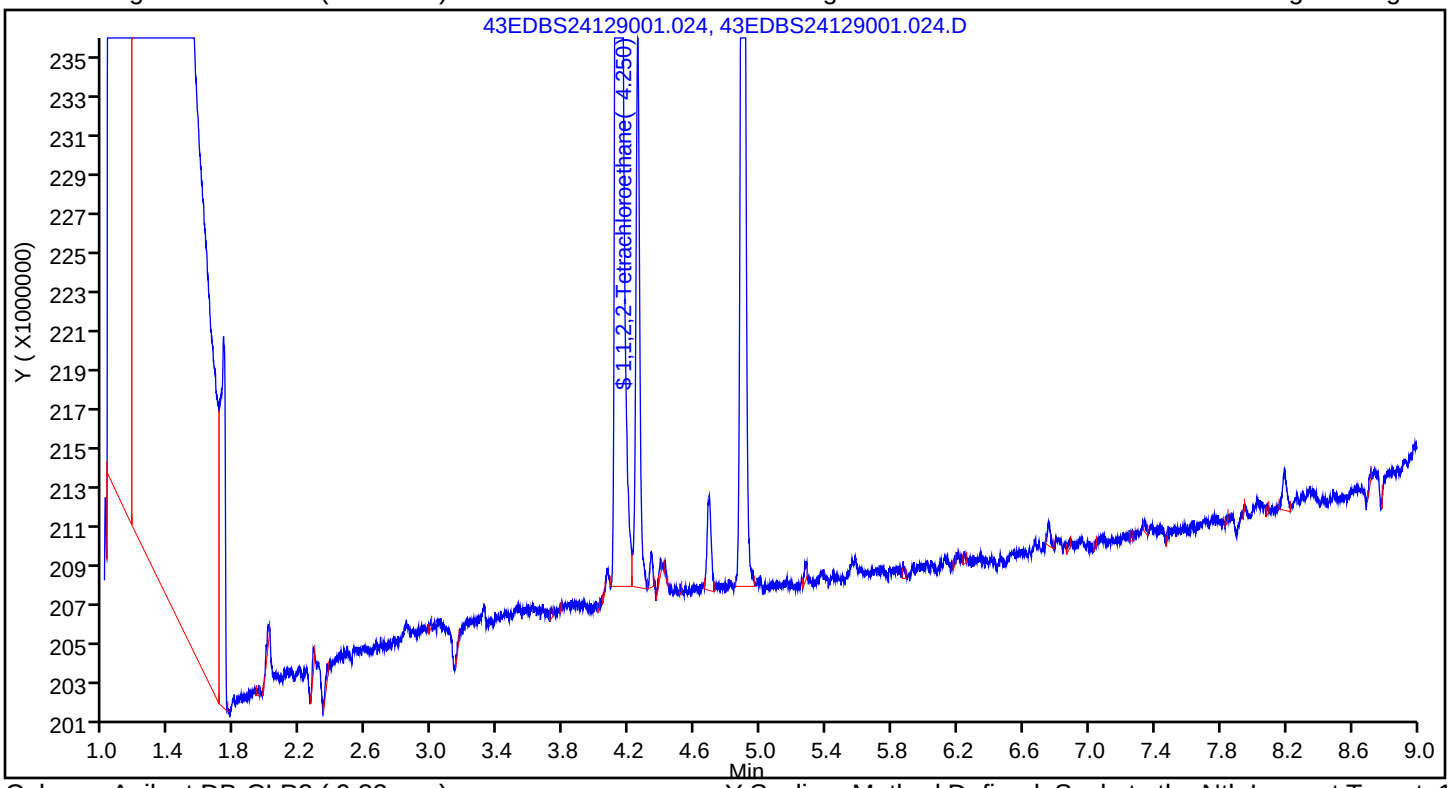
Report Date: 09-May-2024 07:44:32 Chrom Revision: 2.3 01-May-2024 15:52:26

Eurofins Lancaster Laboratories Environment Testing, LLC

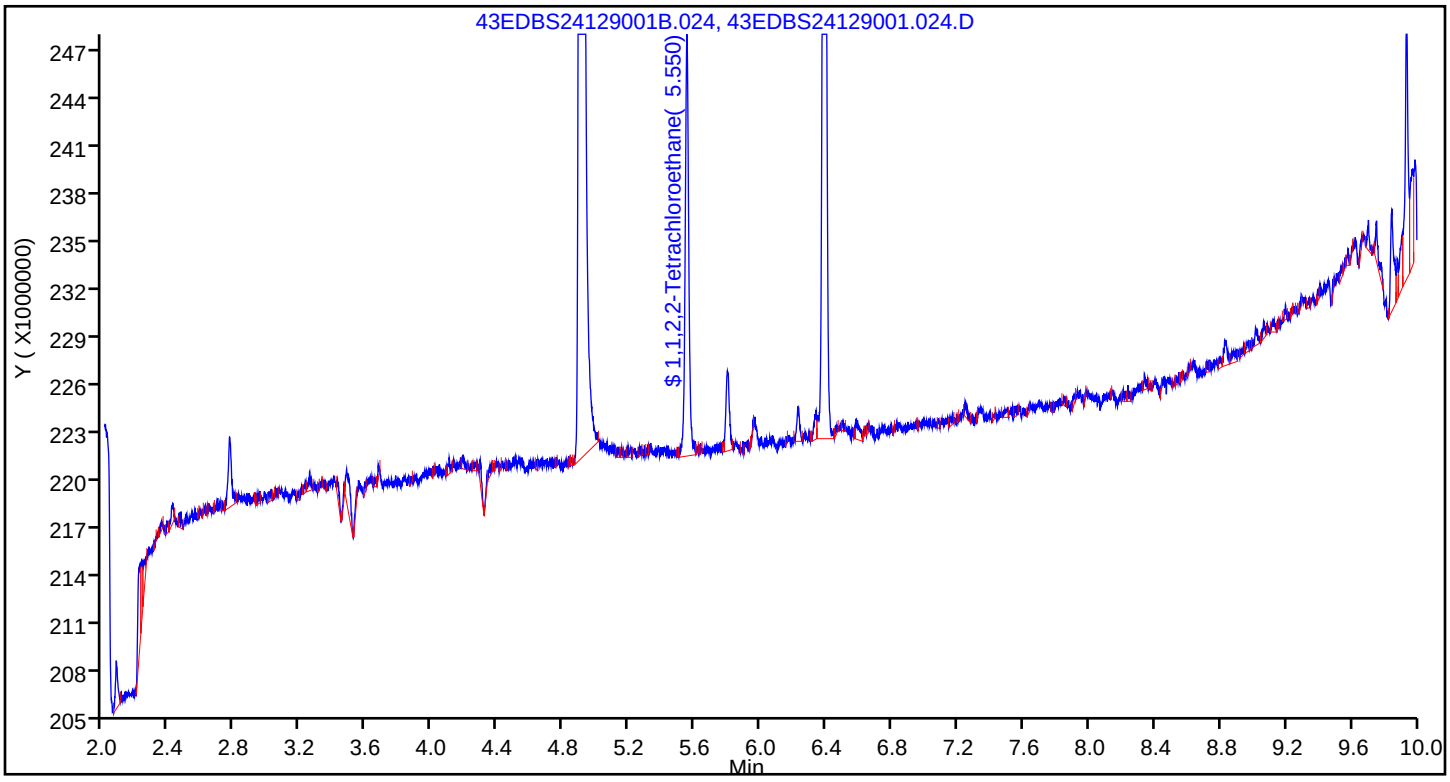
Data File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.024.D

Injection Date:	08-May-2024 15:21:00	Instrument ID:	19846		
Lims ID:	460-303245-E-3-A	Lab Sample ID:	410-303245-3		
Client ID:	240503_PWD_SOIL6_6.0-6.5				
Operator ID:	120	ALS Bottle#:	0	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8011_19846S	Limit Group:	GCSV - 8011 Solid		

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-303245-1

SDG No.:

Client Sample ID: 240503_PWD_SOIL7_6.0-6.5 Lab Sample ID: 460-303245-4

Matrix: Solid Lab File ID: 43EDBS24129001.025.D

Analysis Method: 8011 Date Collected: 05/03/2024 13:00

Extraction Method: 8011 Date Extracted: 05/07/2024 12:20

Sample wt/vol: 10.1(g) Date Analyzed: 05/08/2024 15:38

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: DB CLP1 ID: 0.32(mm)

% Moisture: 13.7 % Solids: 86.3 GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 503517 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.00024	U	0.00057	0.00024

CAS NO.	SURROGATE	%REC	Q	LIMITS
79-34-5	1,1,2,2-Tetrachloroethane (Surr)	126		60-140

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.025.D
Lims ID: 460-303245-E-4-A
Client ID: 240503_PWD_SOIL7_6.0-6.5
Sample Type: Client
Inject. Date: 08-May-2024 15:38:00 ALS Bottle#: 0 Worklist Smp#: 25
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-303245-E-4-A
Operator ID: 120 Instrument ID: 19846

Method: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\8011_19846S.m
Limit Group: GCSV - 8011 Solid
Last Update: 09-May-2024 07:43:45 Calib Date: 08-May-2024 11:02:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.009.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1627

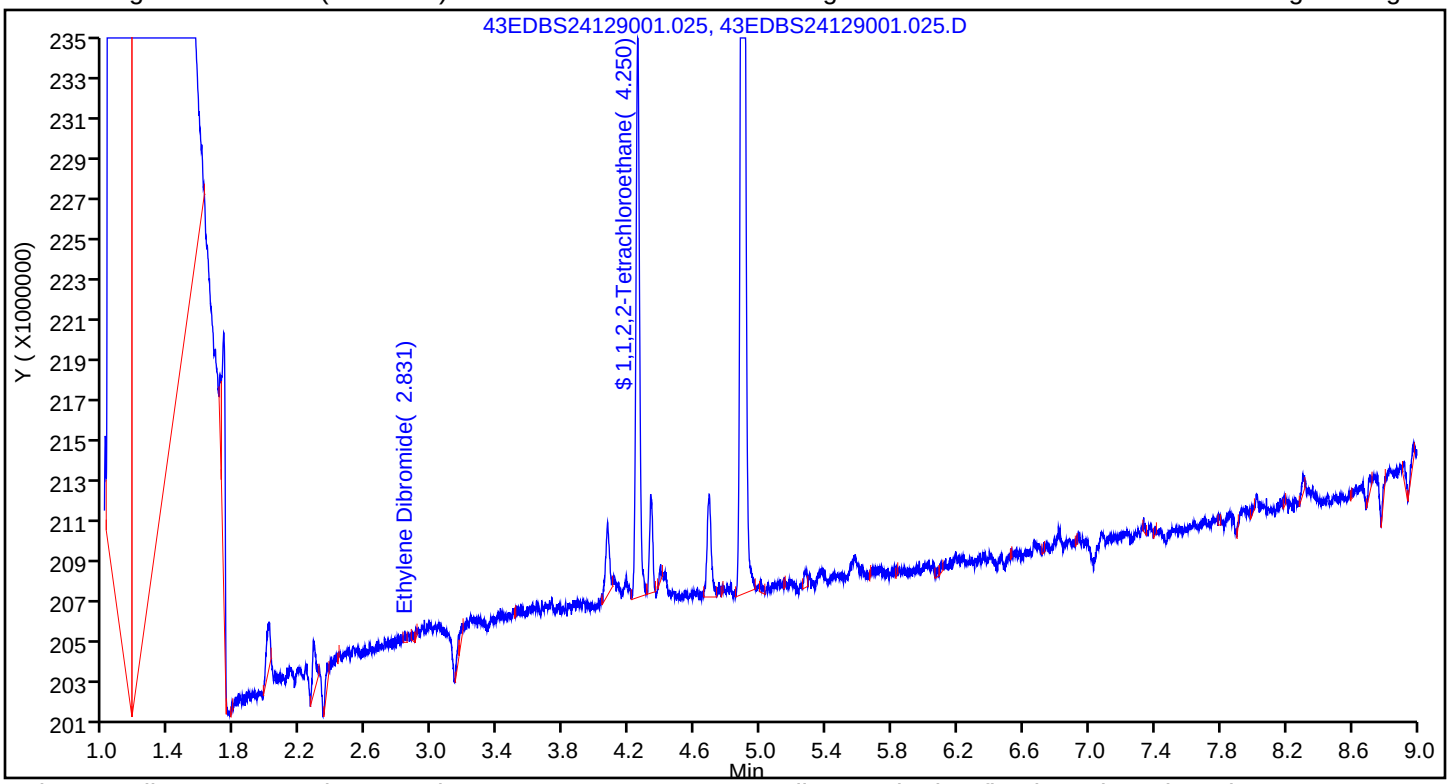
Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
1 Ethylene Dibromide						
1	2.831	2.803	0.028	546923H	0.0182	
2	3.906	3.885	0.021	744548H	0.0300	
				RPD = 48.72		
$ 2 1,1,2,2-Tetrachloroethane						
1	4.250	4.249	0.001	27667691H	1.55	
2	5.548	5.550	-0.002	25886304H	1.56	
				RPD = 0.29		

Report Date: 09-May-2024 07:44:33 Chrom Revision: 2.3 01-May-2024 15:52:26

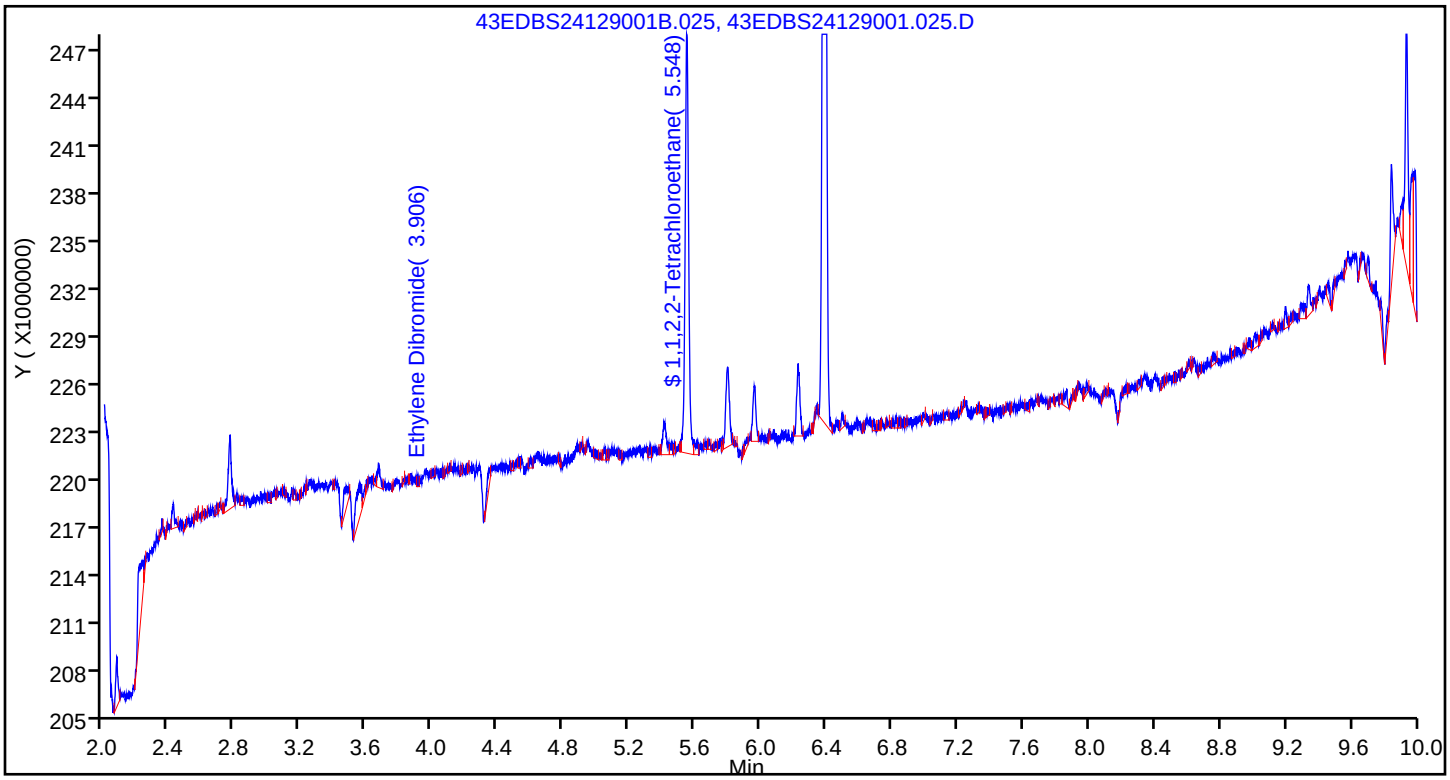
Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.025.D				
Injection Date:	08-May-2024 15:38:00	Instrument ID:	19846		
Lims ID:	460-303245-E-4-A	Lab Sample ID:	410-303245-4		
Client ID:	240503_PWD_SOIL7_6.0-6.5				
Operator ID:	120	ALS Bottle#:	0	Worklist Smp#:	25
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8011_19846S	Limit Group:	GCSV - 8011 Solid		

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-303245-1

SDG No.:

Client Sample ID: 240503_PWD_SOIL7_6.0-6.5 Lab Sample ID: 460-303245-4

Matrix: Solid Lab File ID: 43EDBS24129001.025.D

Analysis Method: 8011 Date Collected: 05/03/2024 13:00

Extraction Method: 8011 Date Extracted: 05/07/2024 12:20

Sample wt/vol: 10.1(g) Date Analyzed: 05/08/2024 15:38

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: DB CLP2 ID: 0.32(mm)

% Moisture: 13.7 % Solids: 86.3 GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 503517 Units: mg/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
79-34-5	1,1,2,2-Tetrachloroethane (Surr)	126		60-140

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.025.D
Lims ID: 460-303245-E-4-A
Client ID: 240503_PWD_SOIL7_6.0-6.5
Sample Type: Client
Inject. Date: 08-May-2024 15:38:00 ALS Bottle#: 0 Worklist Smp#: 25
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-303245-E-4-A
Operator ID: 120 Instrument ID: 19846

Method: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\8011_19846S.m
Limit Group: GCSV - 8011 Solid
Last Update: 09-May-2024 07:43:45 Calib Date: 08-May-2024 11:02:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.009.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1627

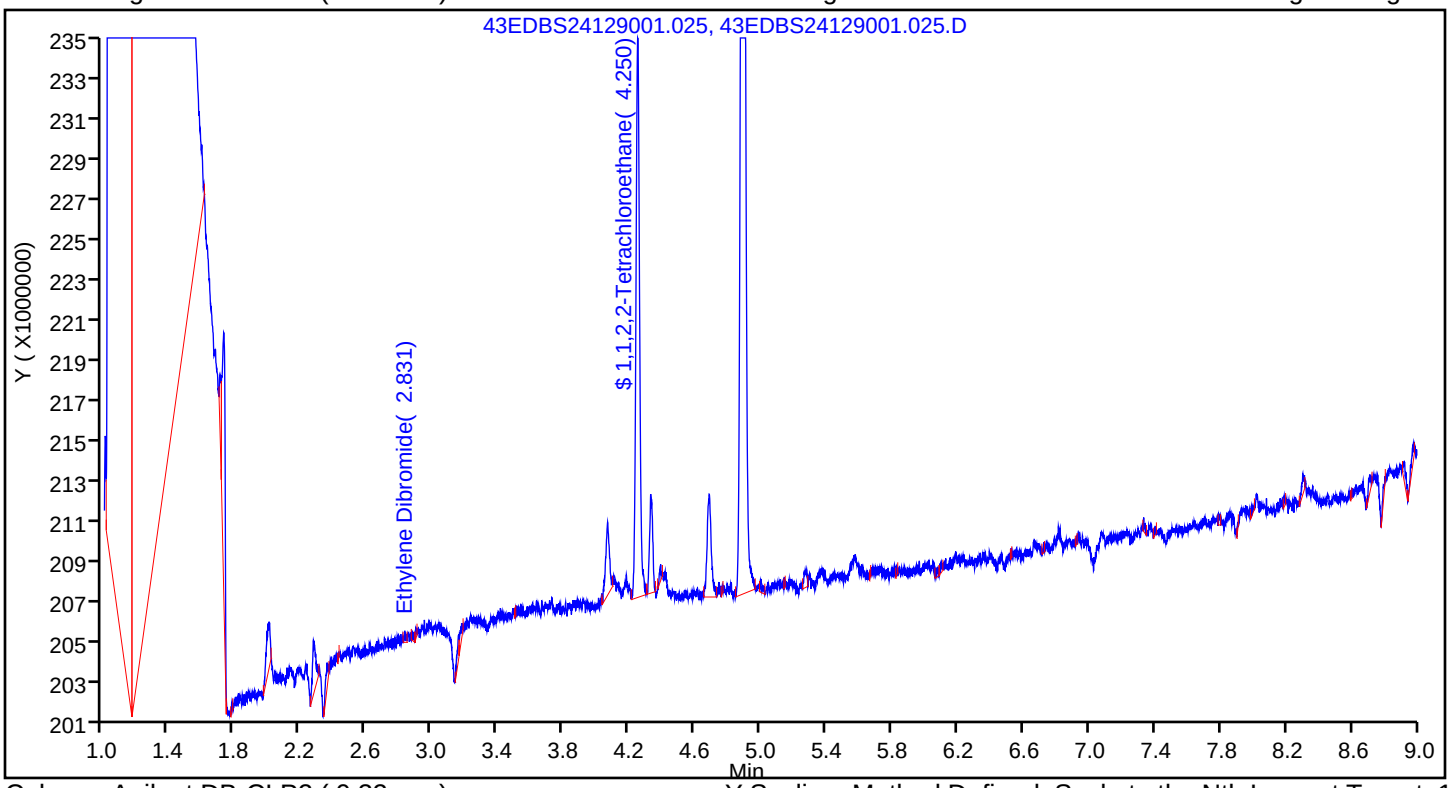
Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
1 Ethylene Dibromide						
1	2.831	2.803	0.028	546923H	0.0182	
2	3.906	3.885	0.021	744548H	0.0300	
				RPD = 48.72		
$ 2 1,1,2,2-Tetrachloroethane						
1	4.250	4.249	0.001	27667691H	1.55	
2	5.548	5.550	-0.002	25886304H	1.56	
				RPD = 0.29		

Report Date: 09-May-2024 07:44:33 Chrom Revision: 2.3 01-May-2024 15:52:26

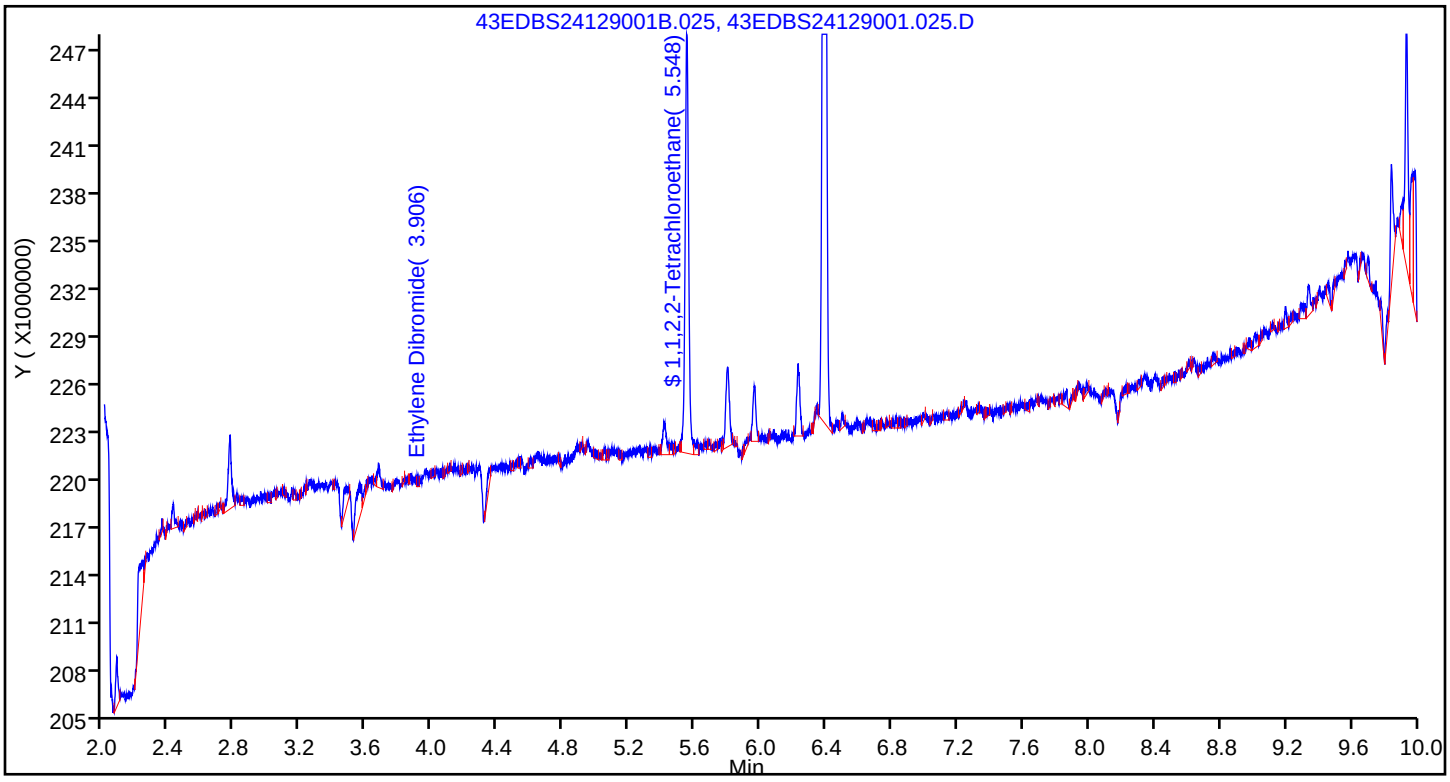
Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.025.D				
Injection Date:	08-May-2024 15:38:00	Instrument ID:	19846		
Lims ID:	460-303245-E-4-A	Lab Sample ID:	410-303245-4		
Client ID:	240503_PWD_SOIL7_6.0-6.5				
Operator ID:	120	ALS Bottle#:	0	Worklist Smp#:	25
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8011_19846S	Limit Group:	GCSV - 8011 Solid		

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-303245-1

SDG No.:

Client Sample ID: DUP-2_050324
Lab Sample ID: 460-303245-5

Matrix: Solid
Lab File ID: 43EDBS24129001.026.D

Analysis Method: 8011
Date Collected: 05/03/2024 00:00

Extraction Method: 8011
Date Extracted: 05/07/2024 12:20

Sample wt/vol: 10.4(g)
Date Analyzed: 05/08/2024 15:56

Con. Extract Vol.: 10(mL)
Dilution Factor: 1

Injection Volume: 1(uL)
GC Column: DB CLP1 ID: 0.32(mm)

% Moisture: 10.9 % Solids: 89.1
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 503517
Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.00023	U	0.00054	0.00023

CAS NO.	SURROGATE	%REC	Q	LIMITS
79-34-5	1,1,2,2-Tetrachloroethane (Surr)	128		60-140

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.026.D
Lims ID: 460-303245-E-5-A
Client ID: DUP-2_050324
Sample Type: Client
Inject. Date: 08-May-2024 15:56:00 ALS Bottle#: 0 Worklist Smp#: 26
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-303245-E-5-A
Operator ID: 120 Instrument ID: 19846

Method: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\8011_19846S.m
Limit Group: GCSV - 8011 Solid
Last Update: 09-May-2024 07:43:45 Calib Date: 08-May-2024 11:02:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.009.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1627

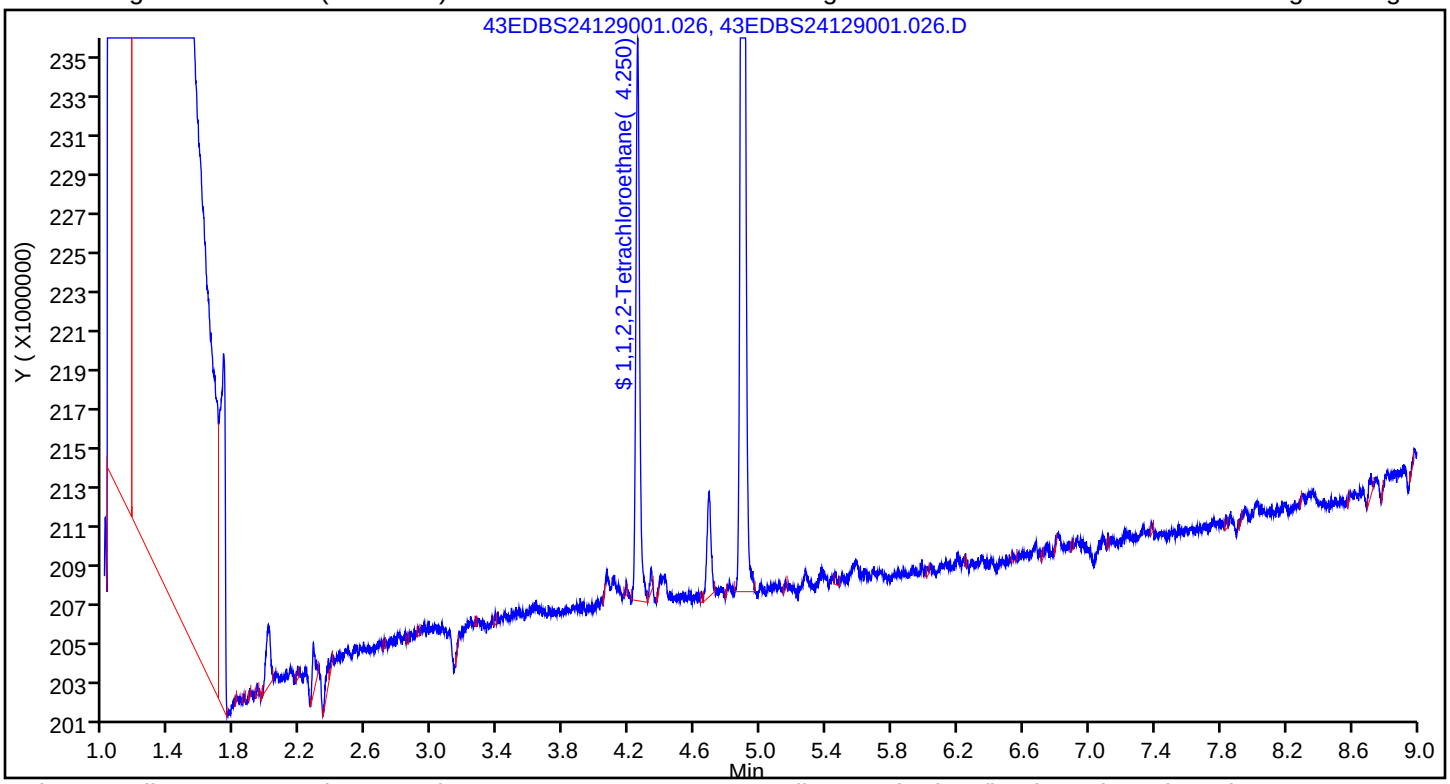
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1 Ethylene Dibromide						
1		2.803			ND	
2		3.885				
$ 2 1,1,2,2-Tetrachloroethane						
1	4.250	4.249	0.001	27962401	H	1.57
2	5.549	5.550	-0.001	25938643	H	1.56
					RPD =	0.85

Report Date: 09-May-2024 07:44:34 Chrom Revision: 2.3 01-May-2024 15:52:26

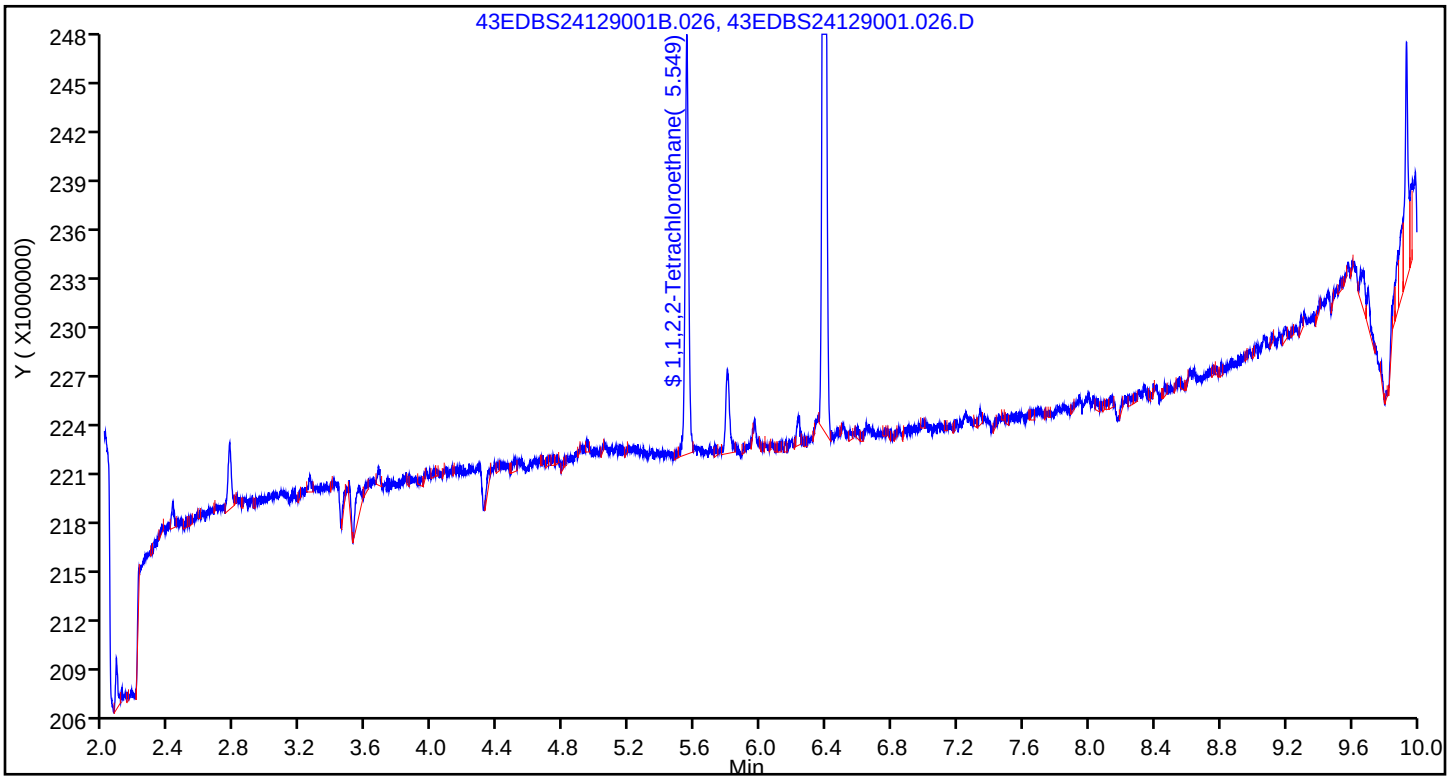
Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.026.D				
Injection Date:	08-May-2024 15:56:00	Instrument ID:	19846		
Lims ID:	460-303245-E-5-A	Lab Sample ID:	410-303245-5		
Client ID:	DUP-2_050324				
Operator ID:	120	ALS Bottle#:	0	Worklist Smp#:	26
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8011_19846S	Limit Group:	GCSV - 8011 Solid		

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



7/9/2024
8:32:15 AM

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-303245-1

SDG No.:

Client Sample ID: DUP-2_050324 Lab Sample ID: 460-303245-5

Matrix: Solid Lab File ID: 43EDBS24129001.026.D

Analysis Method: 8011 Date Collected: 05/03/2024 00:00

Extraction Method: 8011 Date Extracted: 05/07/2024 12:20

Sample wt/vol: 10.4(g) Date Analyzed: 05/08/2024 15:56

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: DB CLP2 ID: 0.32(mm)

% Moisture: 10.9 % Solids: 89.1 GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 503517 Units: mg/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
79-34-5	1,1,2,2-Tetrachloroethane (Surr)	127		60-140

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File:	\\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.026.D				
Lims ID:	460-303245-E-5-A				
Client ID:	DUP-2_050324				
Sample Type:	Client				
Inject. Date:	08-May-2024 15:56:00	ALS Bottle#:	0	Worklist Smp#:	26
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-303245-E-5-A				
Operator ID:	120	Instrument ID:	19846		
Method:	\\chromfs\Lancaster\ChromData\19846\20240508-113344.b\8011_19846S.m				
Limit Group:	GCSV - 8011 Solid				
Last Update:	09-May-2024 07:43:45	Calib Date:	08-May-2024 11:02:00		
Integrator:	Falcon				
Quant Method:	External Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.009.D				
Column 1 :	Agilent DB-CLP1 (0.32 mm)		Det: 1ECDA		
Column 2 :	Agilent DB-CLP2 (0.32 mm)		Det: 2ECDB		
Process Host:	CTX1627				

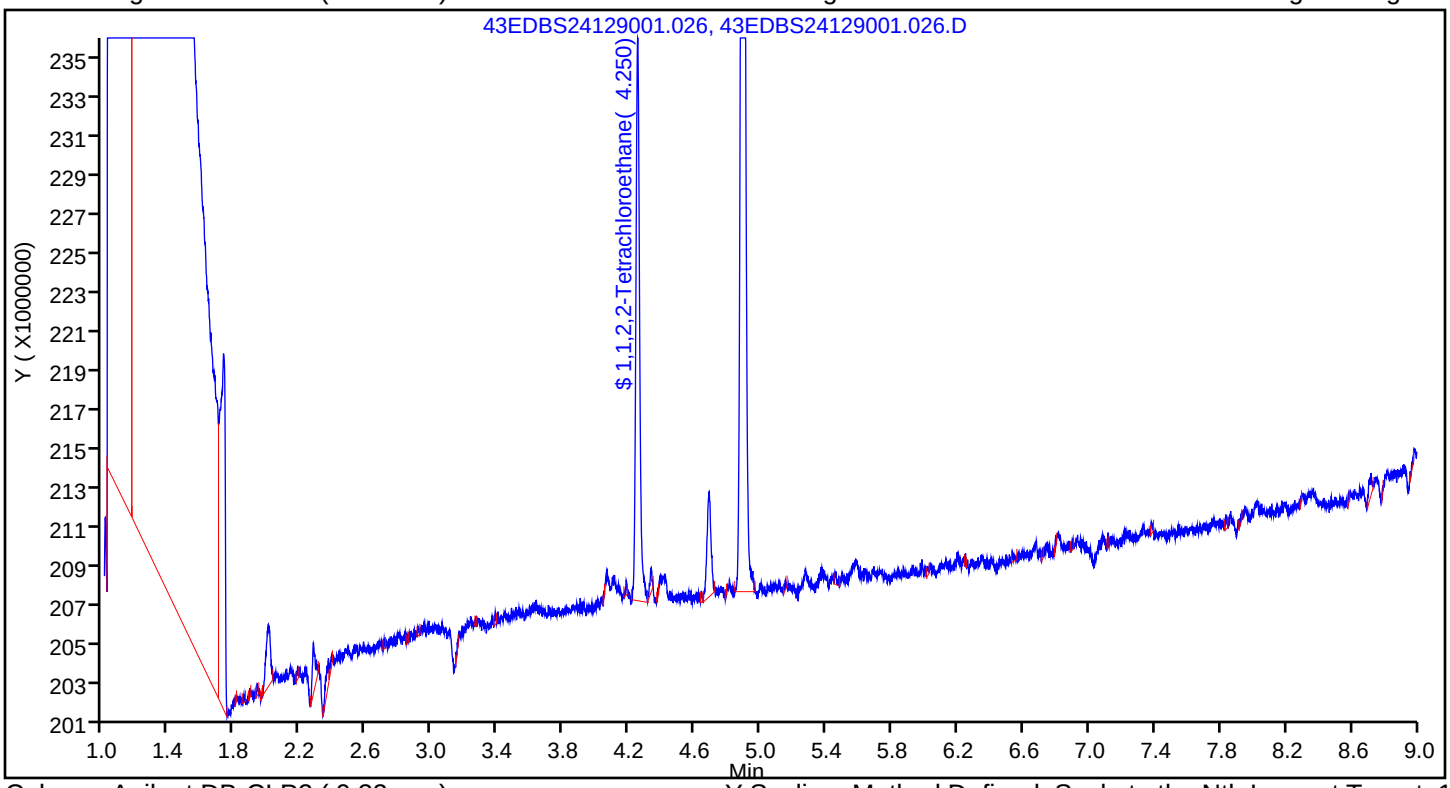
Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
1 Ethylene Dibromide						
1		2.803			ND	
2		3.885				
$ 2 1,1,2,2-Tetrachloroethane						
1	4.250	4.249	0.001	27962401	H 1.57	
2	5.549	5.550	-0.001	25938643	H 1.56	
					RPD = 0.85	

Report Date: 09-May-2024 07:44:34 Chrom Revision: 2.3 01-May-2024 15:52:26

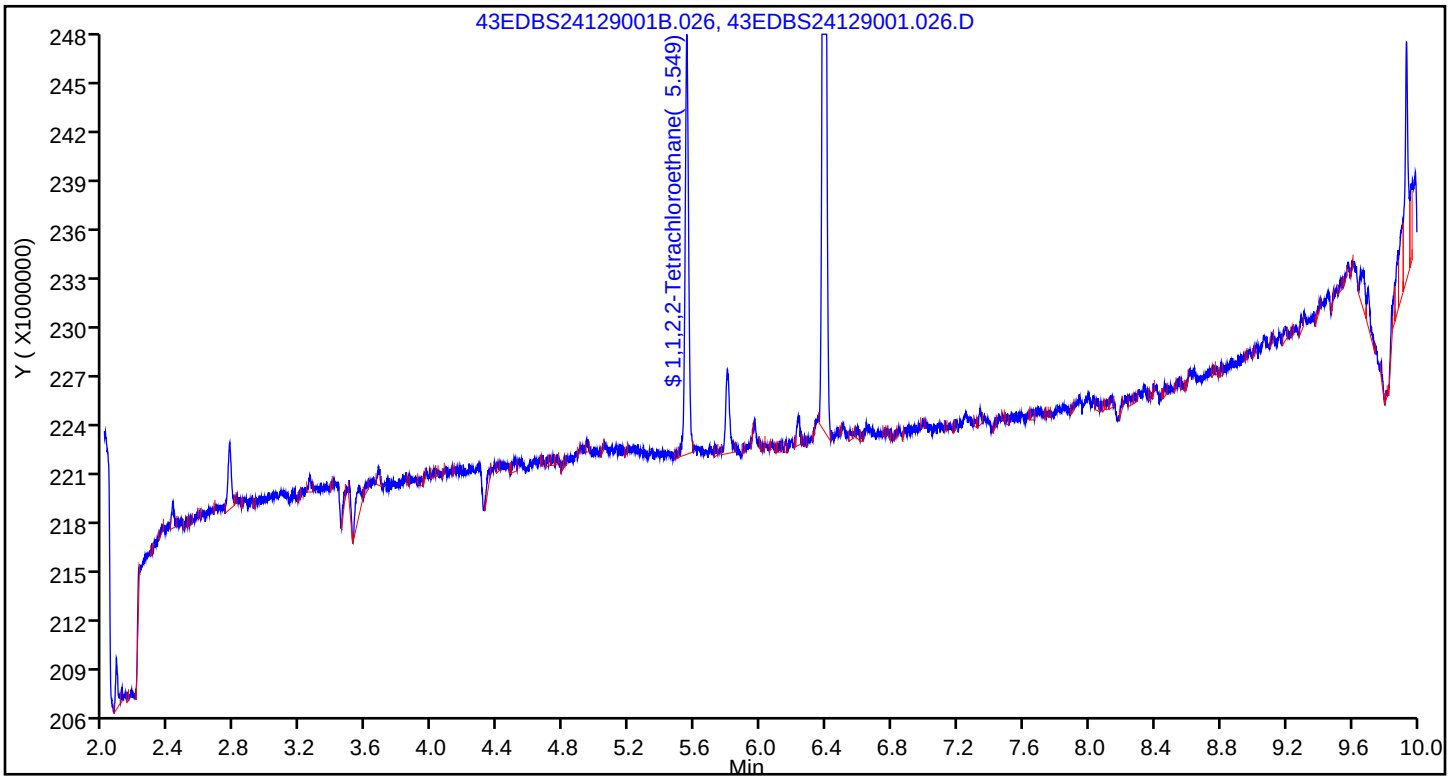
Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.026.D				
Injection Date:	08-May-2024 15:56:00	Instrument ID:	19846		
Lims ID:	460-303245-E-5-A	Lab Sample ID:	410-303245-5		
Client ID:	DUP-2_050324				
Operator ID:	120	ALS Bottle#:	0	Worklist Smp#:	26
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8011_19846S	Limit Group:	GCSV - 8011 Solid		

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-303245-1

SDG No.:

Client Sample ID: FB-1_050324 Lab Sample ID: 460-303245-6

Matrix: Water Lab File ID: 43EDBW24135001.018.D

Analysis Method: 8011 Date Collected: 05/03/2024 13:05

Extraction Method: 8011 Date Extracted: 05/10/2024 07:45

Sample wt/vol: 35.7(mL) Date Analyzed: 05/14/2024 16:55

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: DB CLP1 ID: 0.32(mm)

% Moisture: % Solids: GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 505957 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.0098	U	0.029	0.0098

CAS NO.	SURROGATE	%REC	Q	LIMITS
79-34-5	1,1,2,2-Tetrachloroethane (Surr)	88		46-136

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\43EDBW24135001.018.D
Lims ID: 460-303245-A-6-A
Client ID: FB-1_050324
Sample Type: Client
Inject. Date: 14-May-2024 16:55:00 ALS Bottle#: 0 Worklist Smp#: 18
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-303245-A-6-A
Operator ID: 120 Instrument ID: 19846

Method: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\8011_19846.m
Limit Group: GCSV - 8011 Waters
Last Update: 15-May-2024 10:56:12 Calib Date: 14-May-2024 14:21:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\43EDBW24135001.009.D

Column 1 : DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1682

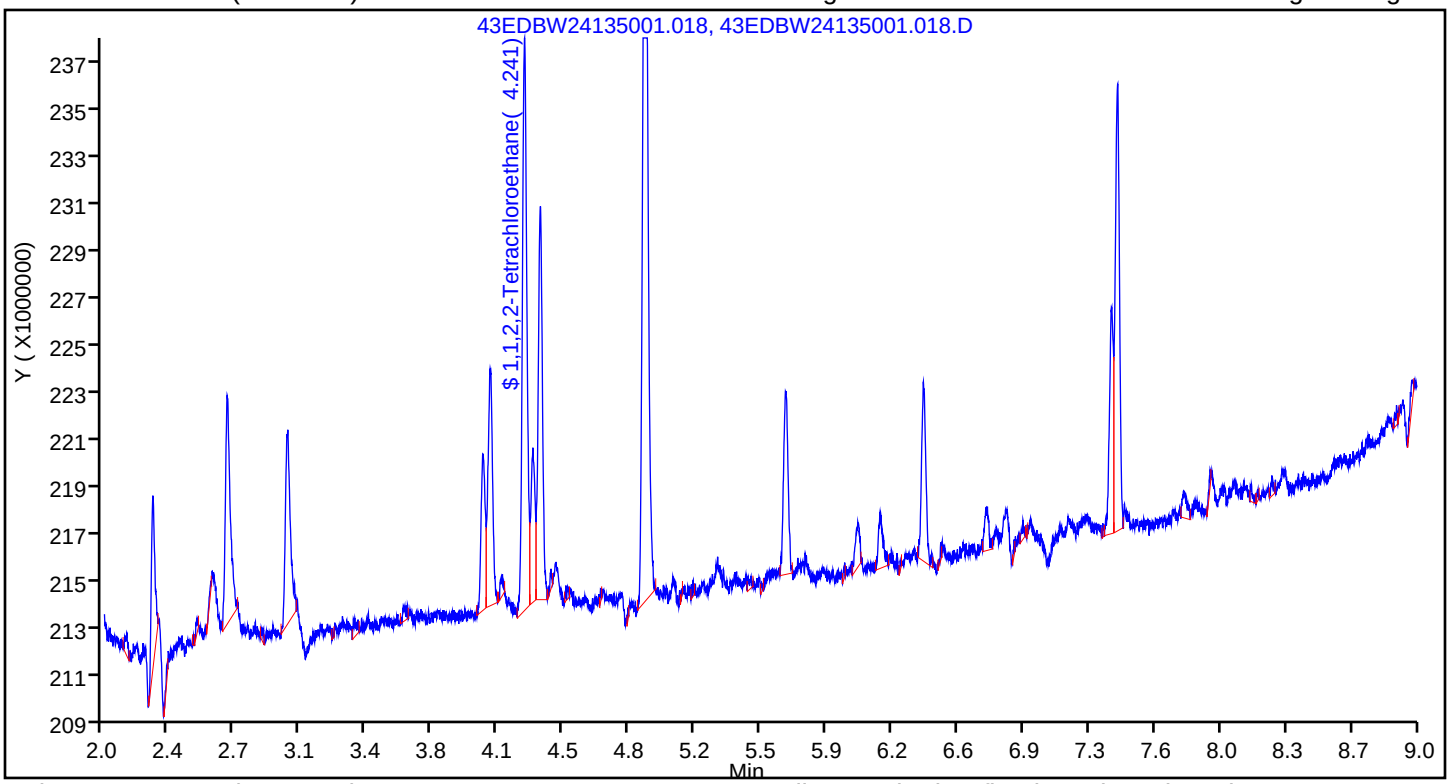
Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
1 Ethylene Dibromide						
1		2.804			ND	
2		3.883				
$ 2 1,1,2,2-Tetrachloroethane						
1	4.241	4.248	-0.007	23784488	H 1.08	
2	5.542	5.548	-0.006	23138213	H 1.13	
					RPD = 3.86	
3 1,2-Dibromo-3-Chloropropane						
1		7.093			ND	
2		8.388				

Report Date: 15-May-2024 11:01:32 Chrom Revision: 2.3 01-May-2024 15:52:26

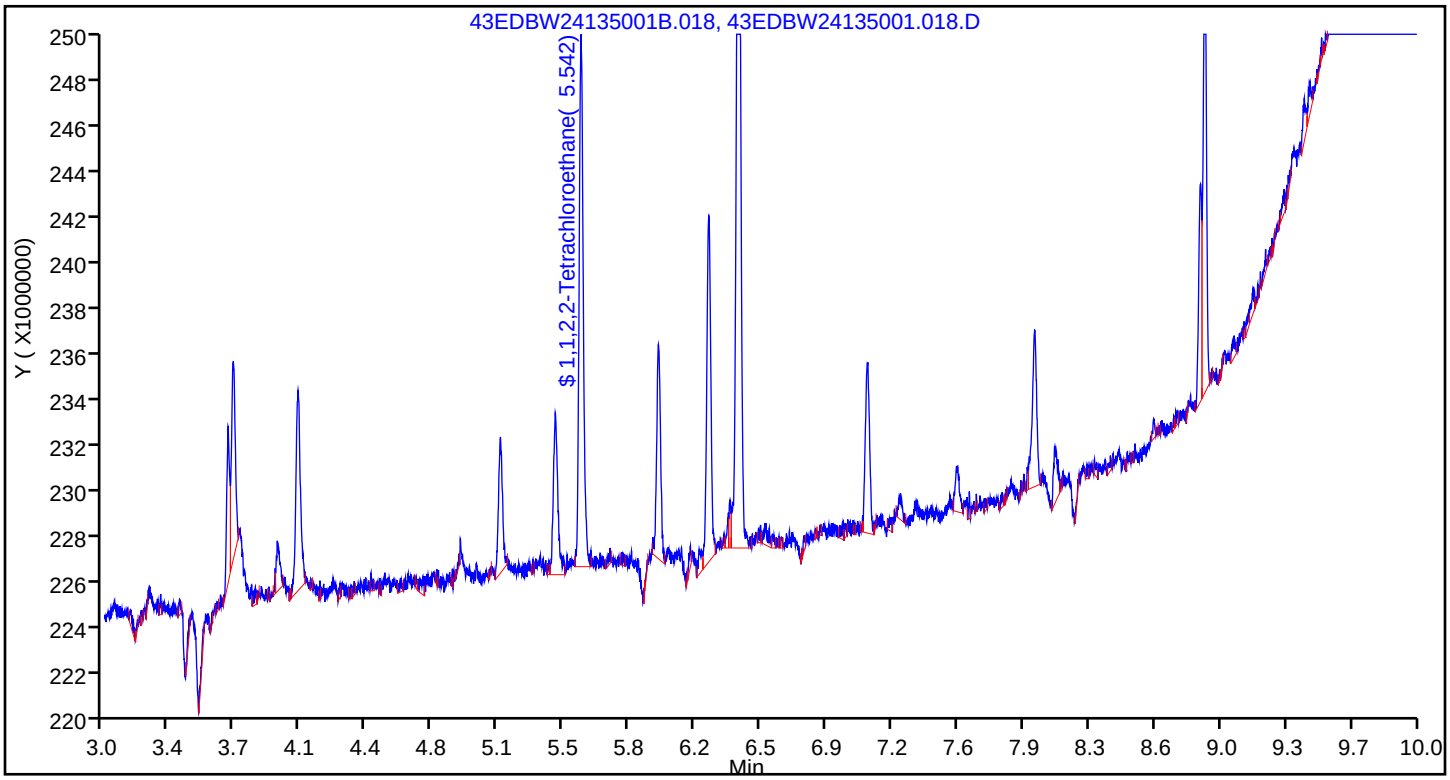
Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\19846\20240514-113906.b\43EDBW24135001.018.D				
Injection Date:	14-May-2024 16:55:00	Instrument ID:	19846		
Lims ID:	460-303245-A-6-A	Lab Sample ID:	410-303245-6		
Client ID:	FB-1_050324				
Operator ID:	120	ALS Bottle#:	0	Worklist Smp#:	18
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8011_19846	Limit Group:	GCSV - 8011 Waters		

Column: DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



7/9/2024
8:32:15 AM

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-303245-1

SDG No.:

Client Sample ID: FB-1_050324 Lab Sample ID: 460-303245-6

Matrix: Water Lab File ID: 43EDBW24135001.018.D

Analysis Method: 8011 Date Collected: 05/03/2024 13:05

Extraction Method: 8011 Date Extracted: 05/10/2024 07:45

Sample wt/vol: 35.7(mL) Date Analyzed: 05/14/2024 16:55

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: DB CLP2 ID: 0.32(mm)

% Moisture: % Solids: GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 505957 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
79-34-5	1,1,2,2-Tetrachloroethane (Surr)	91		46-136

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\43EDBW24135001.018.D
Lims ID: 460-303245-A-6-A
Client ID: FB-1_050324
Sample Type: Client
Inject. Date: 14-May-2024 16:55:00 ALS Bottle#: 0 Worklist Smp#: 18
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-303245-A-6-A
Operator ID: 120 Instrument ID: 19846

Method: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\8011_19846.m
Limit Group: GCSV - 8011 Waters
Last Update: 15-May-2024 10:56:12 Calib Date: 14-May-2024 14:21:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\43EDBW24135001.009.D

Column 1 : DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1682

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
1 Ethylene Dibromide						
1		2.804			ND	
2		3.883				
$ 2 1,1,2,2-Tetrachloroethane						
1	4.241	4.248	-0.007	23784488	H 1.08	
2	5.542	5.548	-0.006	23138213	H 1.13	
					RPD = 3.86	
3 1,2-Dibromo-3-Chloropropane						
1		7.093			ND	
2		8.388				

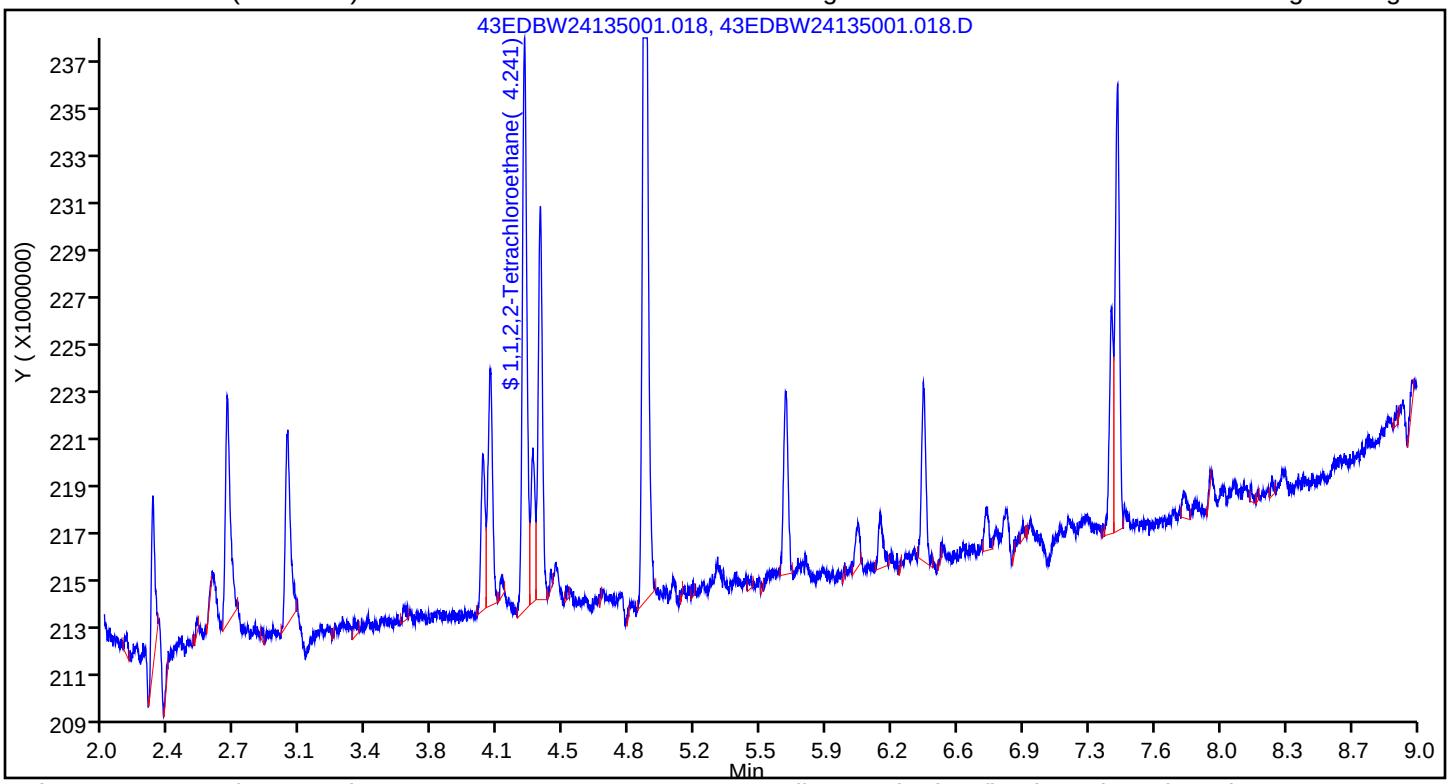
Report Date: 15-May-2024 11:01:32 Chrom Revision: 2.3 01-May-2024 15:52:26

Eurofins Lancaster Laboratories Environment Testing, LLC

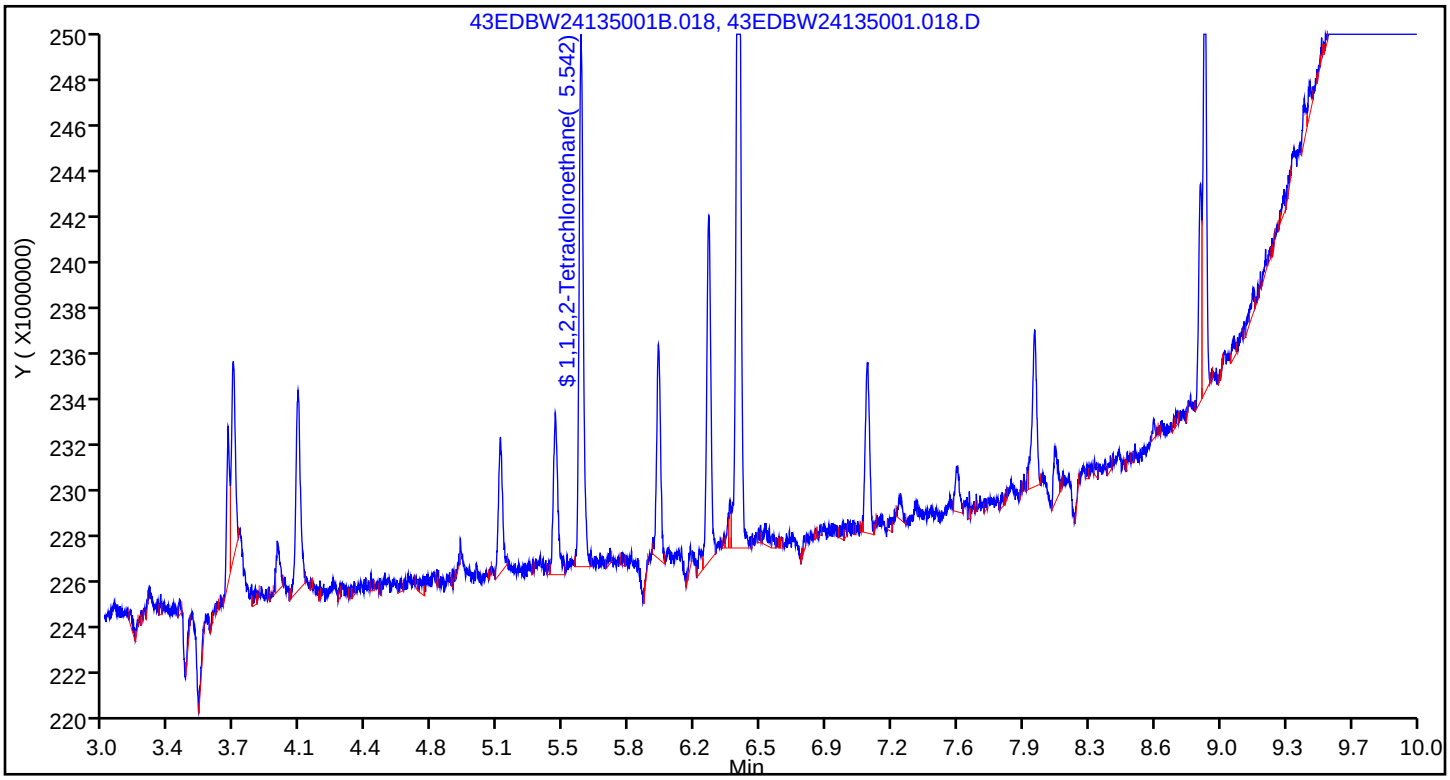
Data File: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\43EDBW24135001.018.D

Injection Date:	14-May-2024 16:55:00	Instrument ID:	19846		
Lims ID:	460-303245-A-6-A	Lab Sample ID:	410-303245-6		
Client ID:	FB-1_050324				
Operator ID:	120	ALS Bottle#:	0	Worklist Smp#:	18
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8011_19846	Limit Group:	GCSV - 8011 Waters		

Column: DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM VI
GC SEMI VOA BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
RETENTION TIME SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-303245-1 Analy Batch No.: 503517

SDG No.:

Instrument ID: 19846 GC Column: DB CLP1 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/08/2024 09:36 Calibration End Date: 05/08/2024 11:02 Calibration ID: 61379

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-503517/4	43EDBS24129001.004.D
Level 2	IC 410-503517/5	43EDBS24129001.005.D
Level 3	IC 410-503517/6	43EDBS24129001.006.D
Level 4	ICRT 410-503517/7	43EDBS24129001.007.D
Level 5	IC 410-503517/8	43EDBS24129001.008.D
Level 6	IC 410-503517/9	43EDBS24129001.009.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
1,2-Dibromoethane	2.805	2.806	2.808	2.803	2.800	2.797					2.773 - 2.833	2.803
1,2-Dibromo-3-Chloropropane	7.096	7.095	7.096	7.095	7.095	7.095					7.065 - 7.125	7.095
1,1,2,2-Tetrachloroethane (Surr)	4.250	4.252	4.251	4.249	4.248	4.248					4.219 - 4.279	4.250

FORM VI
GC SEMI VOA BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-303245-1 Analy Batch No.: 503517

SDG No.:

Instrument ID: 19846 GC Column: DB CLP1 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/08/2024 09:36 Calibration End Date: 05/08/2024 11:02 Calibration ID: 61379

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-503517/4	43EDBS24129001.004.D
Level 2	IC 410-503517/5	43EDBS24129001.005.D
Level 3	IC 410-503517/6	43EDBS24129001.006.D
Level 4	ICRT 410-503517/7	43EDBS24129001.007.D
Level 5	IC 410-503517/8	43EDBS24129001.008.D
Level 6	IC 410-503517/9	43EDBS24129001.009.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
1,2-Dibromoethane	23884344 17173034	23534456 15739977	22425098	20032071	Qua	104614.272	24305032.4	-1658569.2						1.0000		0.9900
1,2-Dibromo-3-Chloropropane	41548423 30221076	40789907 28778734	38494421	35383954	Qua	778071.197	40885948.4	-2418476.4						1.0000		0.9900
1,1,2,2-Tetrachloroethane (Surr)	21449377 16359965	22205339 15160112	20396514	18534497	Qua	142914.784	21826311.2	-2632358.2						1.0000		0.9900

Note: The M1 coefficient is the same as Ave CF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC SEMI VOA BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-303245-1 Analy Batch No.: 503517

SDG No.:

Instrument ID: 19846 GC Column: DB CLP1 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/08/2024 09:36 Calibration End Date: 05/08/2024 11:02 Calibration ID: 61379

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-503517/4	43EDBS24129001.004.D
Level 2	IC 410-503517/5	43EDBS24129001.005.D
Level 3	IC 410-503517/6	43EDBS24129001.006.D
Level 4	ICRT 410-503517/7	43EDBS24129001.007.D
Level 5	IC 410-503517/8	43EDBS24129001.008.D
Level 6	IC 410-503517/9	43EDBS24129001.009.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,2-Dibromoethane	Qua	8384599 80909382	14753162	28115467	50230417	75357419	0.351 5.14	0.627	1.25	2.51	4.39
1,2-Dibromo-3-Chloropropane	Qua	14541948 147491011	25493692	48118026	88459884	132217209	0.350 5.13	0.625	1.25	2.50	4.38
1,1,2,2-Tetrachloroethane (Surr)	Qua	3701090 38303919	6842020	12569352	22843767	35286399	0.173 2.53	0.308	0.616	1.23	2.16

Curve Type Legend:
Qua = Quadratic by Height

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.004.D
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 08-May-2024 09:36:00 ALS Bottle#: 0 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: ic
Operator ID: 120 Instrument ID: 19846
Sublist: chrom-8011_19846S*sub1

Method: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\8011_19846S.m
Limit Group: GCSV - 8011 Solid
Last Update: 09-May-2024 07:42:16 Calib Date: 08-May-2024 11:02:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.009.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1627

First Level Reviewer: URS0 Date: 09-May-2024 06:43:30

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	2.805	2.803	0.002	8384599H	0.3511	0.3490	
2	3.887	3.885	0.002	8082536H	0.3511	0.3413	
						RPD = 2.24	
$ 2 1,1,2,2-Tetrachloroethane							
1	4.250	4.249	0.001	3701090H	0.1726	0.1664	
2	5.551	5.550	0.001	3028015H	0.1726	0.1623	
						RPD = 2.48	
3 1,2-Dibromo-3-Chloropropane							
1	7.096	7.095	0.001	14541948H	0.3500	0.3436	
2	8.391	8.391	0.000	11947113H	0.3500	0.1811	
						RPD = 61.93	

QC Flag Legend

Processing Flags
H - Response Measured by Height

Reagents:

GCS_EDBS1_00030 Amount Added: 1.00 Units: mL

Report Date: 09-May-2024 07:42:16 Chrom Revision: 2.3 01-May-2024 15:52:26

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.004.D

Injection Date: 08-May-2024 09:36:00 Instrument ID: 19846

Lims ID: ic

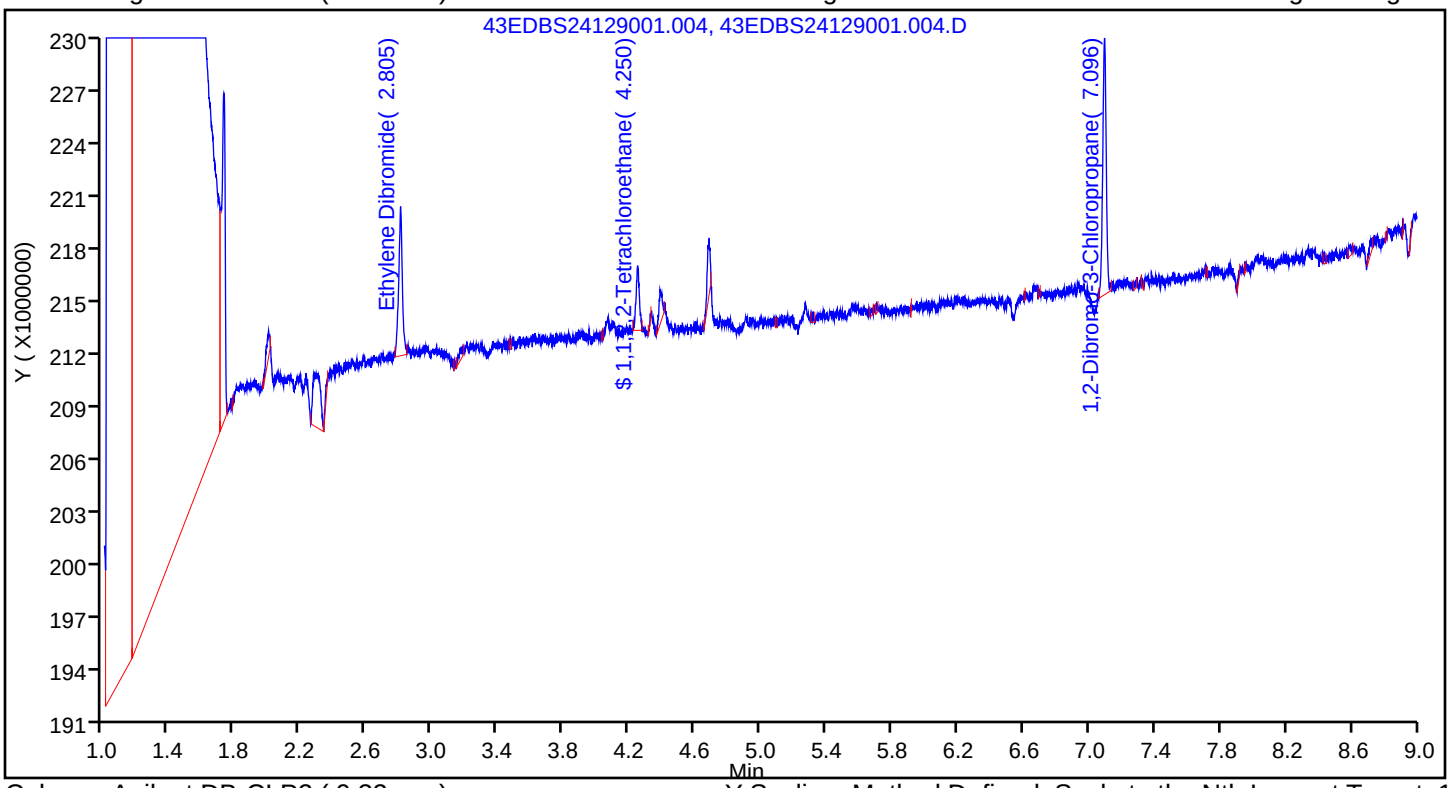
Client ID:

Operator ID: 120 ALS Bottle#: 0 Worklist Smp#: 4

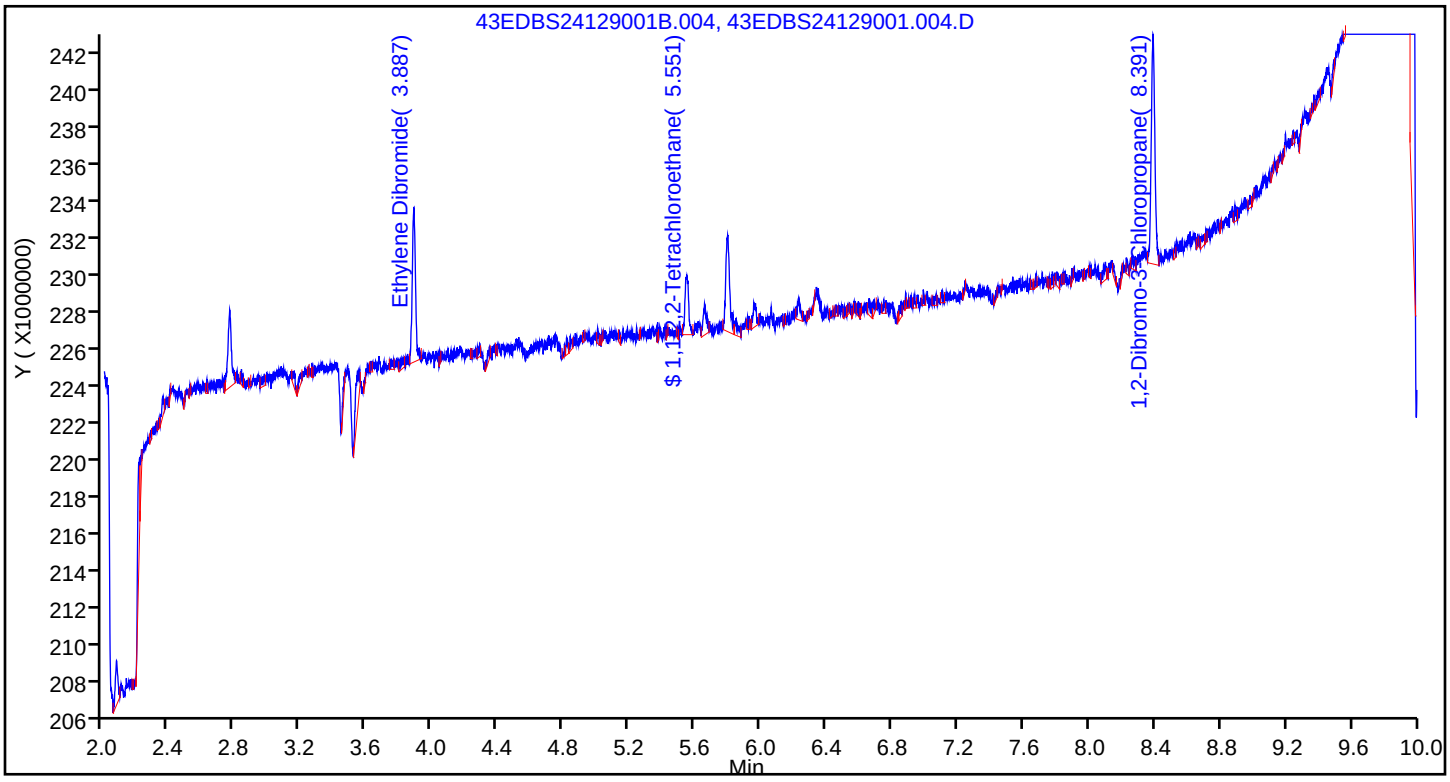
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846S Limit Group: GCSV - 8011 Solid

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.005.D
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 08-May-2024 09:53:00 ALS Bottle#: 0 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: ic
Operator ID: 120 Instrument ID: 19846
Sublist: chrom-8011_19846S*sub1

Method: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\8011_19846S.m
Limit Group: GCSV - 8011 Solid
Last Update: 09-May-2024 07:42:18 Calib Date: 08-May-2024 11:02:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.009.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1627

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	2.806	2.803	0.003	14753162H	0.6269	0.6298	
2	3.885	3.885	0.000	14873763H	0.6269	0.6438	
						RPD = 2.21	
$ 2 1,1,2,2-Tetrachloroethane							
1	4.252	4.249	0.003	6842020H	0.3081	0.3192	
2	5.551	5.550	0.001	6097709H	0.3081	0.3237	
						RPD = 1.40	
3 1,2-Dibromo-3-Chloropropane							
1	7.095	7.095	0.000	25493692H	0.6250	0.6278	
2	8.390	8.391	-0.001	20628594H	0.6250	0.5507	
						RPD = 13.08	

Reagents:

GCS_EDBS2_00029 Amount Added: 1.00 Units: mL

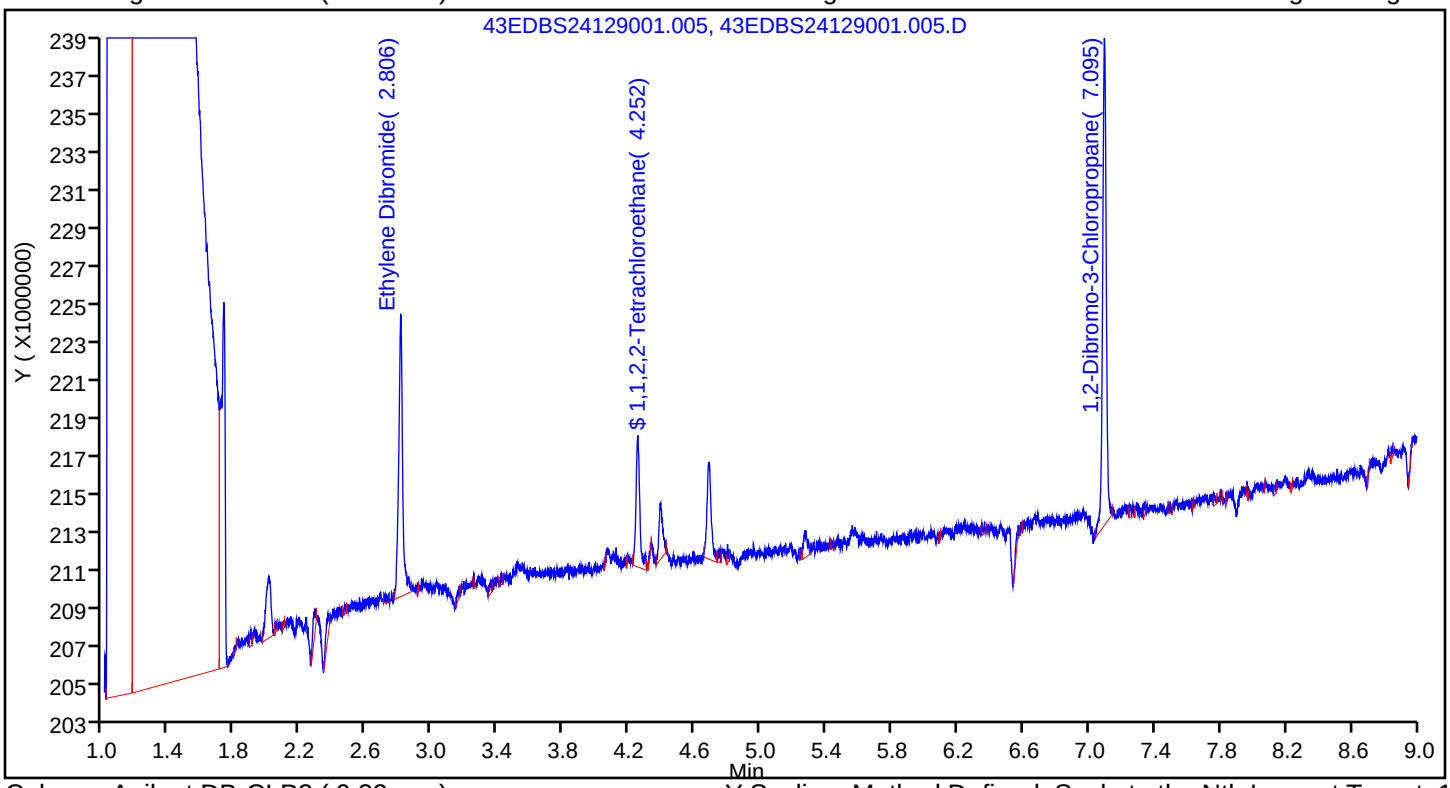
Report Date: 09-May-2024 07:42:18 Chrom Revision: 2.3 01-May-2024 15:52:26

Eurofins Lancaster Laboratories Environment Testing, LLC

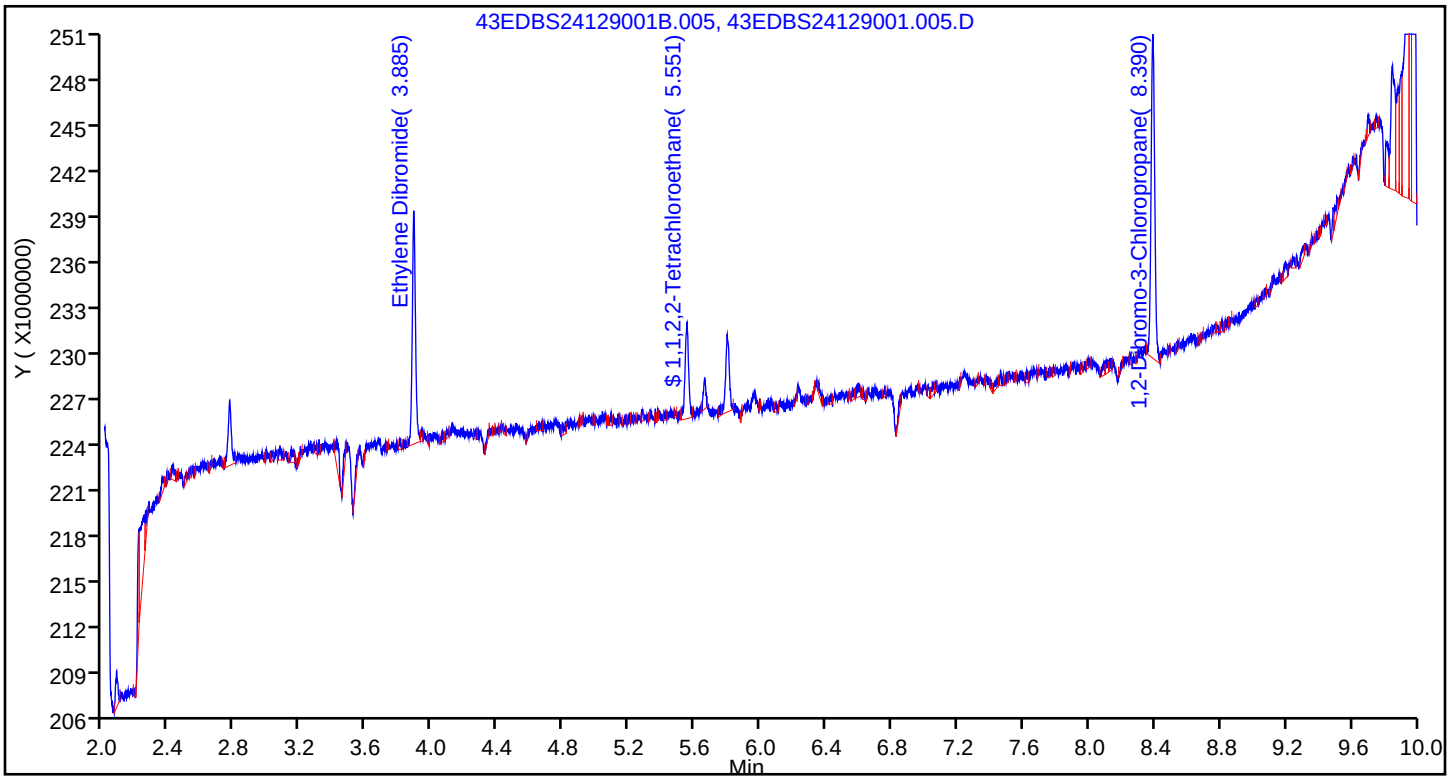
Data File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.005.D

Injection Date:	08-May-2024 09:53:00	Instrument ID:	19846		
Lims ID:	ic				
Client ID:					
Operator ID:	120	ALS Bottle#:	0	Worklist Smp#:	5
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8011_19846S	Limit Group:	GCSV - 8011 Solid		

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.006.D
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 08-May-2024 10:10:00 ALS Bottle#: 0 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: ic
Operator ID: 120 Instrument ID: 19846
Sublist: chrom-8011_19846S*sub1

Method: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\8011_19846S.m
Limit Group: GCSV - 8011 Solid
Last Update: 09-May-2024 07:42:19 Calib Date: 08-May-2024 11:02:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.009.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1627

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	2.808	2.803	0.005	28115467H	1.25	1.26	
2	3.887	3.885	0.002	27527004H	1.25	1.25	
						RPD = 0.64	
$ 2 1,1,2,2-Tetrachloroethane							
1	4.251	4.249	0.002	12569352H	0.6163	0.6149	
2	5.550	5.550	0.000	11277612H	0.6163	0.6105	
						RPD = 0.73	
3 1,2-Dibromo-3-Chloropropane							
1	7.096	7.095	0.001	48118026H	1.25	1.25	
2	8.391	8.391	0.000	39259947H	1.25	1.34	
						RPD = 7.22	

Reagents:

GCS_EDBS3_00030 Amount Added: 1.00 Units: mL

Report Date: 09-May-2024 07:42:19 Chrom Revision: 2.3 01-May-2024 15:52:26

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.006.D

Injection Date: 08-May-2024 10:10:00 Instrument ID: 19846

Lims ID: ic

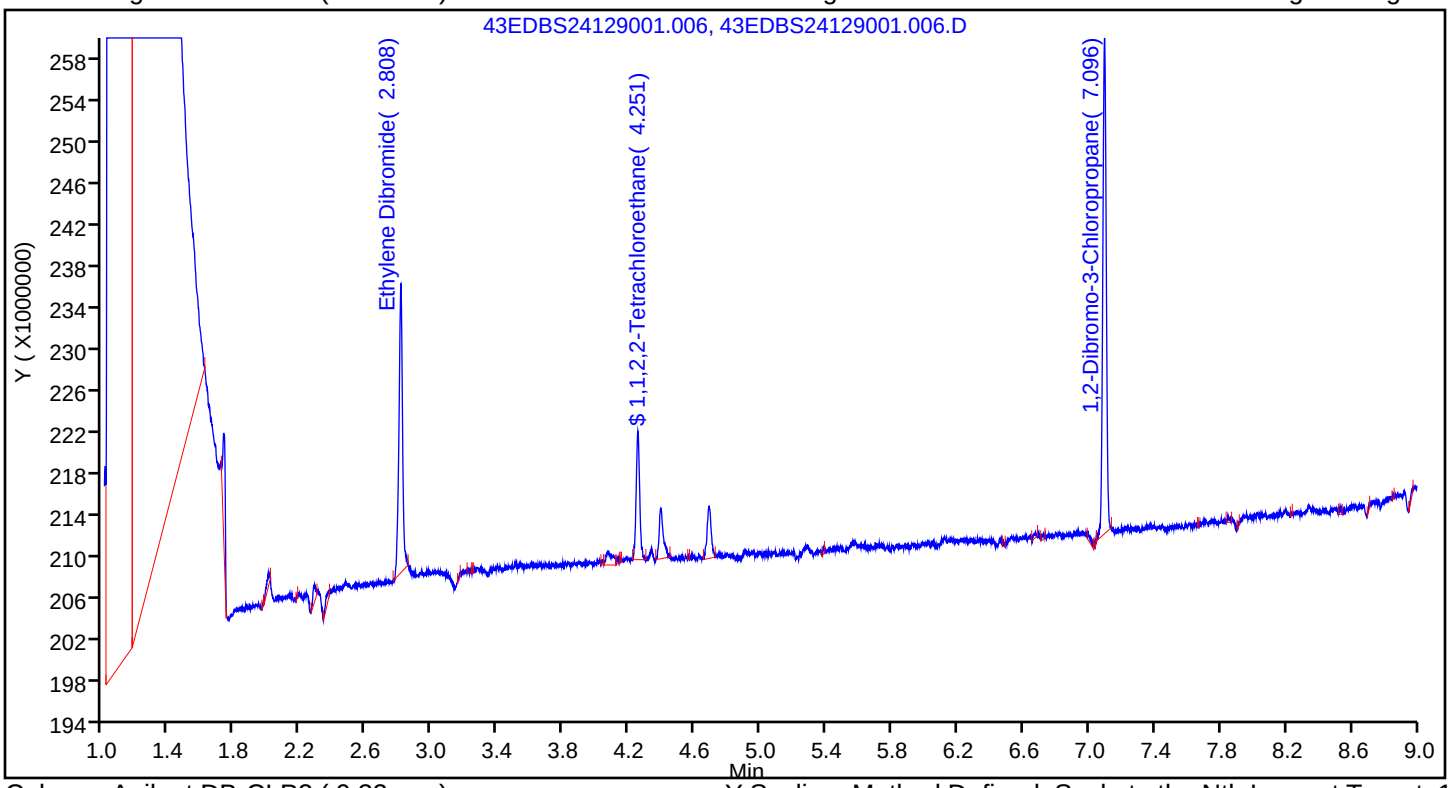
Client ID:

Operator ID: 120 ALS Bottle#: 0 Worklist Smp#: 6

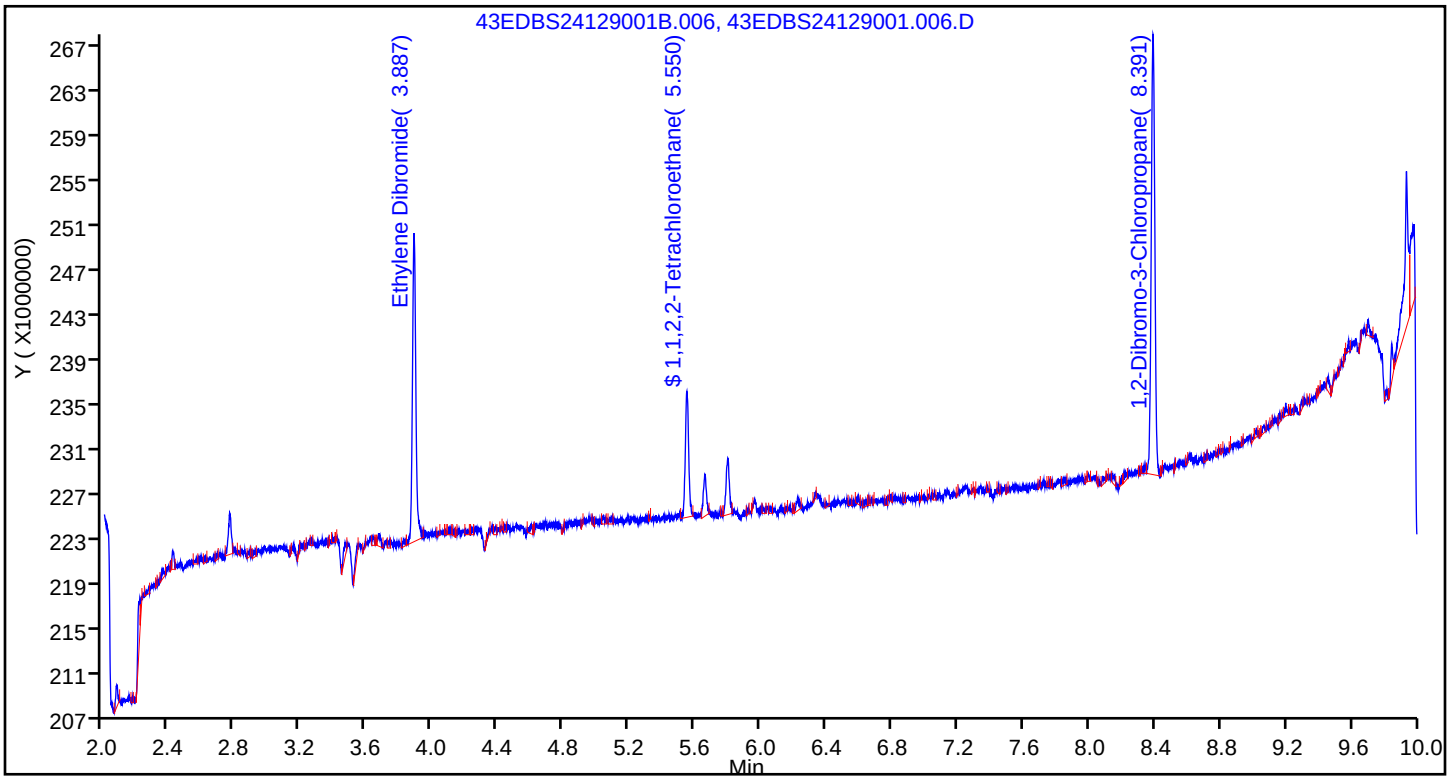
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846S Limit Group: GCSV - 8011 Solid

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.007.D
Lims ID: icrt
Client ID:
Sample Type: ICRT Calib Level: 4
Inject. Date: 08-May-2024 10:28:00 ALS Bottle#: 0 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: icrt
Operator ID: 120 Instrument ID: 19846
Sublist: chrom-8011_19846S*sub1

Method: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\8011_19846S.m
Limit Group: GCSV - 8011 Solid
Last Update: 09-May-2024 07:42:21 Calib Date: 08-May-2024 11:02:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.009.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1627

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	2.803	2.803	0.000	50230417H	2.51	2.48	
2	3.885	3.885	0.000	48952269H	2.51	2.48	
						RPD = 0.04	
$ 2 1,1,2,2-Tetrachloroethane							
1	4.249	4.249	0.000	22843767H	1.23	1.22	
2	5.550	5.550	0.000	21338507H	1.23	1.23	
						RPD = 1.19	
3 1,2-Dibromo-3-Chloropropane							
1	7.095	7.095	0.000	88459884H	2.50	2.52	
2	8.391	8.391	0.000	72537601H	2.50	2.76	
						RPD = 9.11	

Reagents:

GCS_EDBS4_00042 Amount Added: 1.00 Units: mL

Report Date: 09-May-2024 07:42:21 Chrom Revision: 2.3 01-May-2024 15:52:26

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.007.D

Injection Date: 08-May-2024 10:28:00 Instrument ID: 19846

Lims ID: icrt

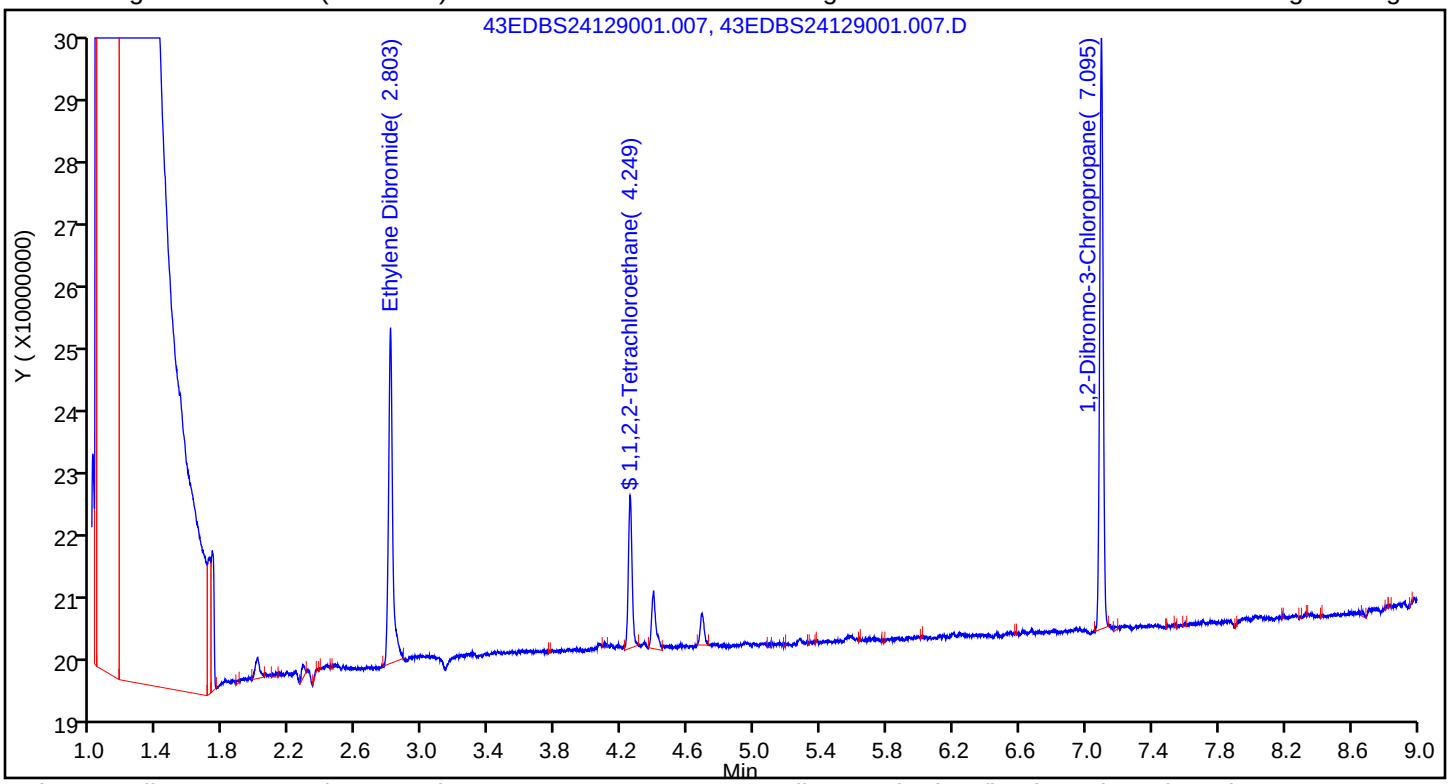
Client ID:

Operator ID: 120 ALS Bottle#: 0 Worklist Smp#: 7

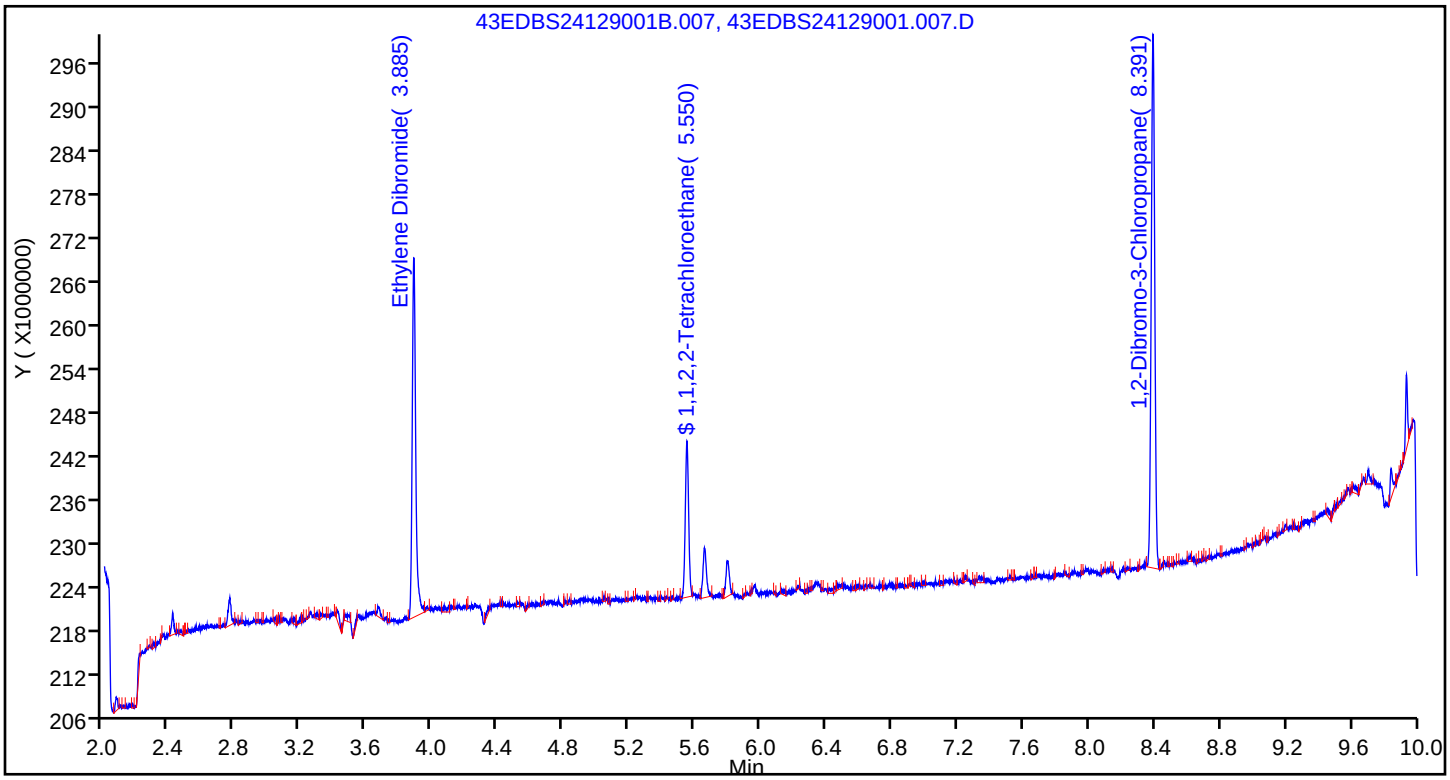
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846S Limit Group: GCSV - 8011 Solid

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.008.D
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 08-May-2024 10:45:00 ALS Bottle#: 0 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: ic
Operator ID: 120 Instrument ID: 19846
Sublist: chrom-8011_19846S*sub1

Method: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\8011_19846S.m
Limit Group: GCSV - 8011 Solid
Last Update: 09-May-2024 07:42:22 Calib Date: 08-May-2024 11:02:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.009.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1627

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	2.800	2.803	-0.003	75357419H	4.39	4.44	
2	3.884	3.885	-0.001	71666676H	4.39	4.45	
						RPD = 0.23	
$ 2 1,1,2,2-Tetrachloroethane							
1	4.248	4.249	-0.001	35286399H	2.16	2.19	
2	5.549	5.550	-0.001	33161353H	2.16	2.15	
						RPD = 1.57	
3 1,2-Dibromo-3-Chloropropane							
1	7.095	7.095	0.000	132217209H	4.38	4.32	
2	8.390	8.391	-0.001	113345341H	4.38	4.50	
						RPD = 4.10	

Reagents:

GCS_EDBS5_00027 Amount Added: 1.00 Units: mL

Report Date: 09-May-2024 07:42:23 Chrom Revision: 2.3 01-May-2024 15:52:26

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.008.D

Injection Date: 08-May-2024 10:45:00 Instrument ID: 19846

Lims ID: ic

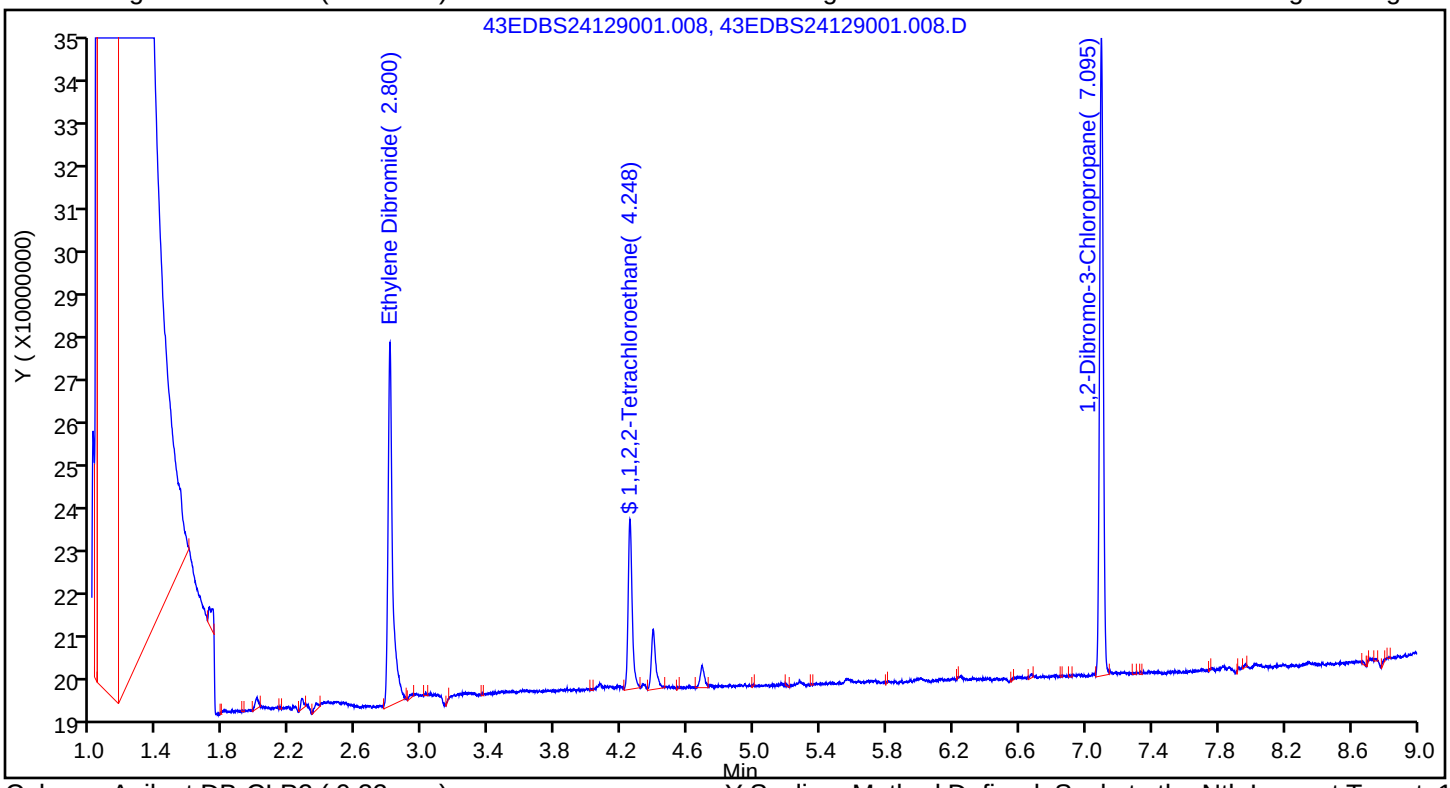
Client ID:

Operator ID: 120 ALS Bottle#: 0 Worklist Smp#: 8

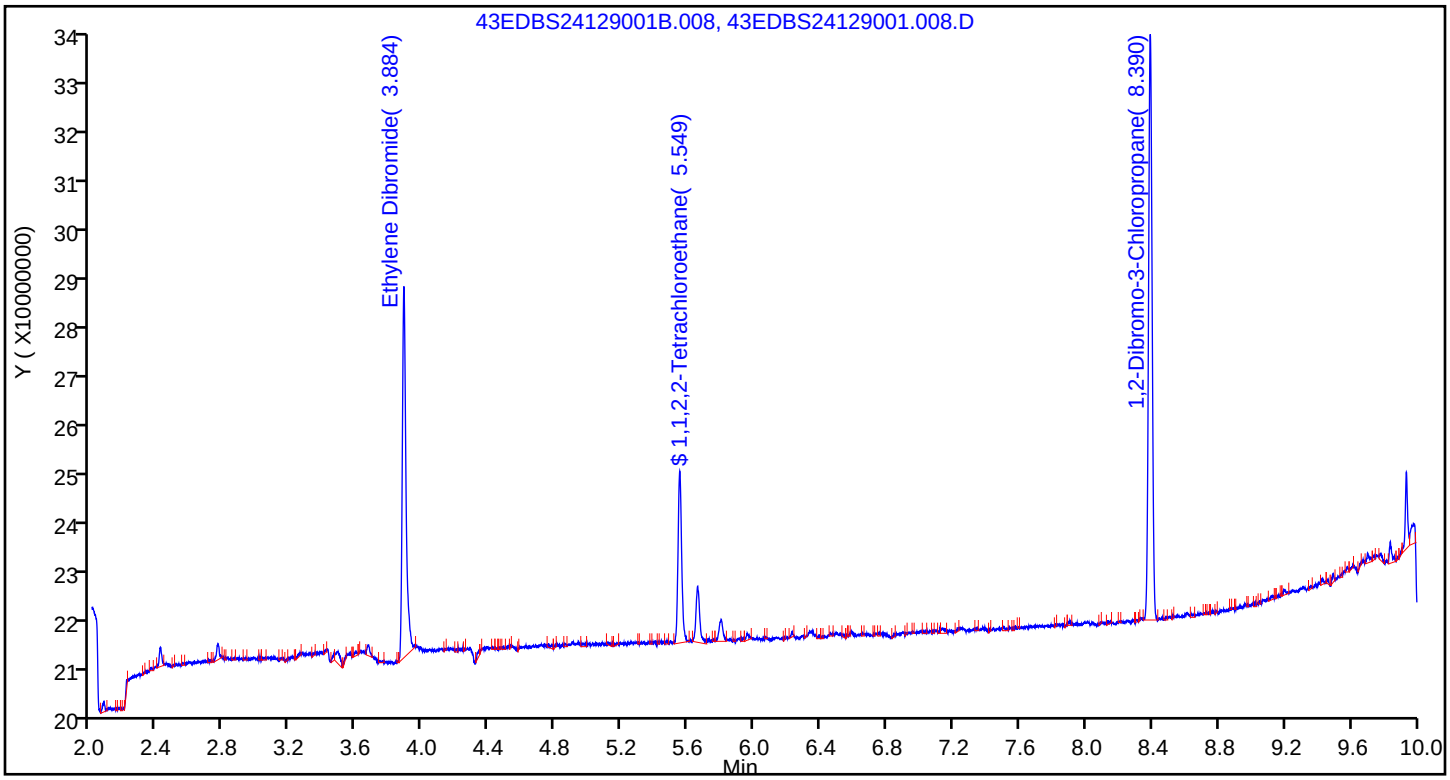
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846S Limit Group: GCSV - 8011 Solid

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.009.D
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 08-May-2024 11:02:00 ALS Bottle#: 0 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: ic
Operator ID: 120 Instrument ID: 19846
Sublist: chrom-8011_19846S*sub1

Method: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\8011_19846S.m
Limit Group: GCSV - 8011 Solid
Last Update: 09-May-2024 07:42:24 Calib Date: 08-May-2024 11:02:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.009.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1627

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	2.797	2.803	-0.006	80909382H	5.14	5.10	
2	3.883	3.885	-0.002	75938668H	5.14	5.09	
						RPD = 0.26	
$ 2 1,1,2,2-Tetrachloroethane							
1	4.248	4.249	-0.001	38303919H	2.53	2.51	
2	5.550	5.550	0.000	36976644H	2.53	2.53	
						RPD = 0.97	
3 1,2-Dibromo-3-Chloropropane							
1	7.095	7.095	0.000	147491011H	5.13	5.17	
2	8.391	8.391	0.000	122563758H	5.13	4.89	
						RPD = 5.53	

Reagents:

GCS_EDBS6_00027 Amount Added: 1.00 Units: mL

Report Date: 09-May-2024 07:42:24 Chrom Revision: 2.3 01-May-2024 15:52:26

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.009.D

Injection Date: 08-May-2024 11:02:00 Instrument ID: 19846

Lims ID: ic

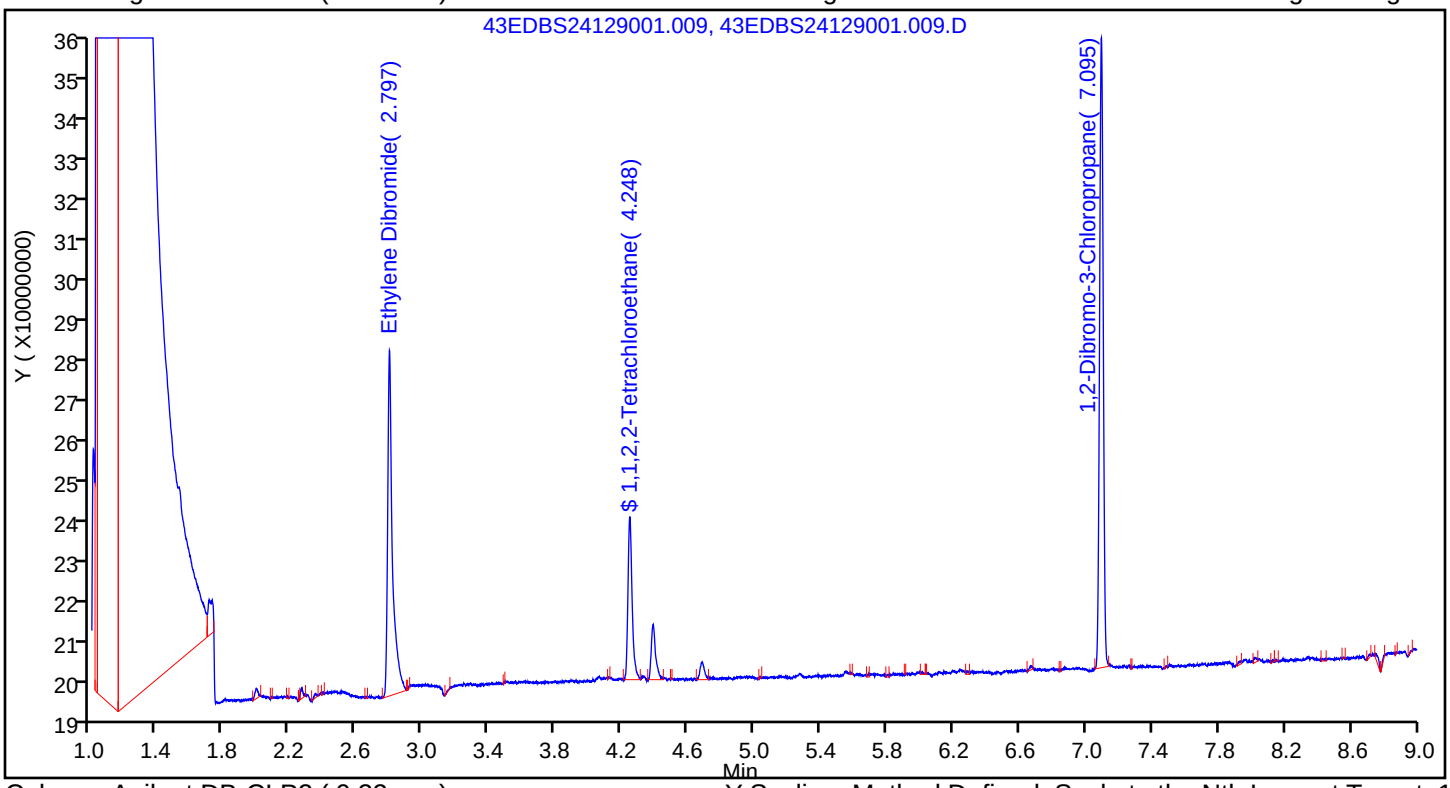
Client ID:

Operator ID: 120 ALS Bottle#: 0 Worklist Smp#: 9

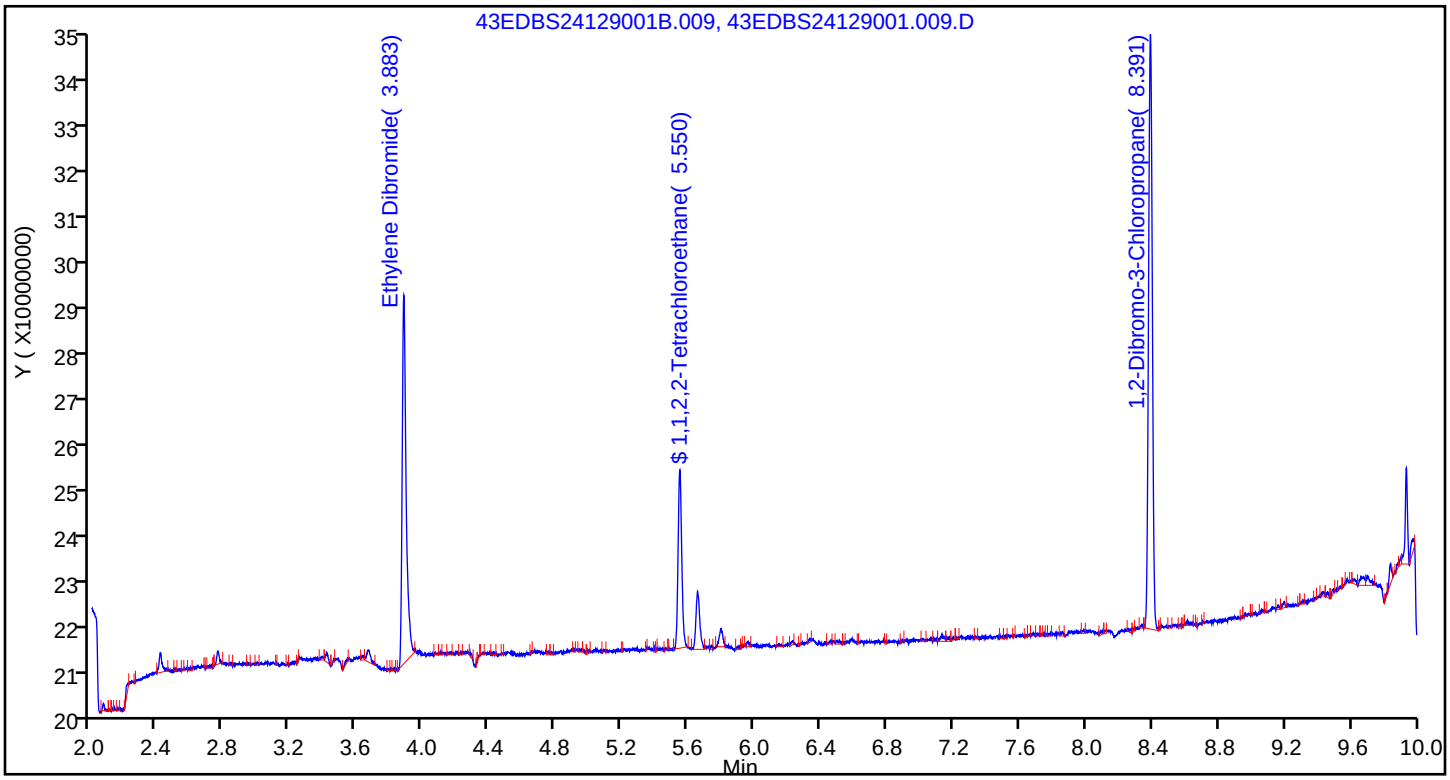
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846S Limit Group: GCSV - 8011 Solid

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Calibration / Ethylene Dibromide

Curve Type:	Quadratic
Weighting:	None
Origin:	None
Dependency:	Response
Calib Mode:	ESTD
Response Base:	HEIGHT
RF Rounding:	0

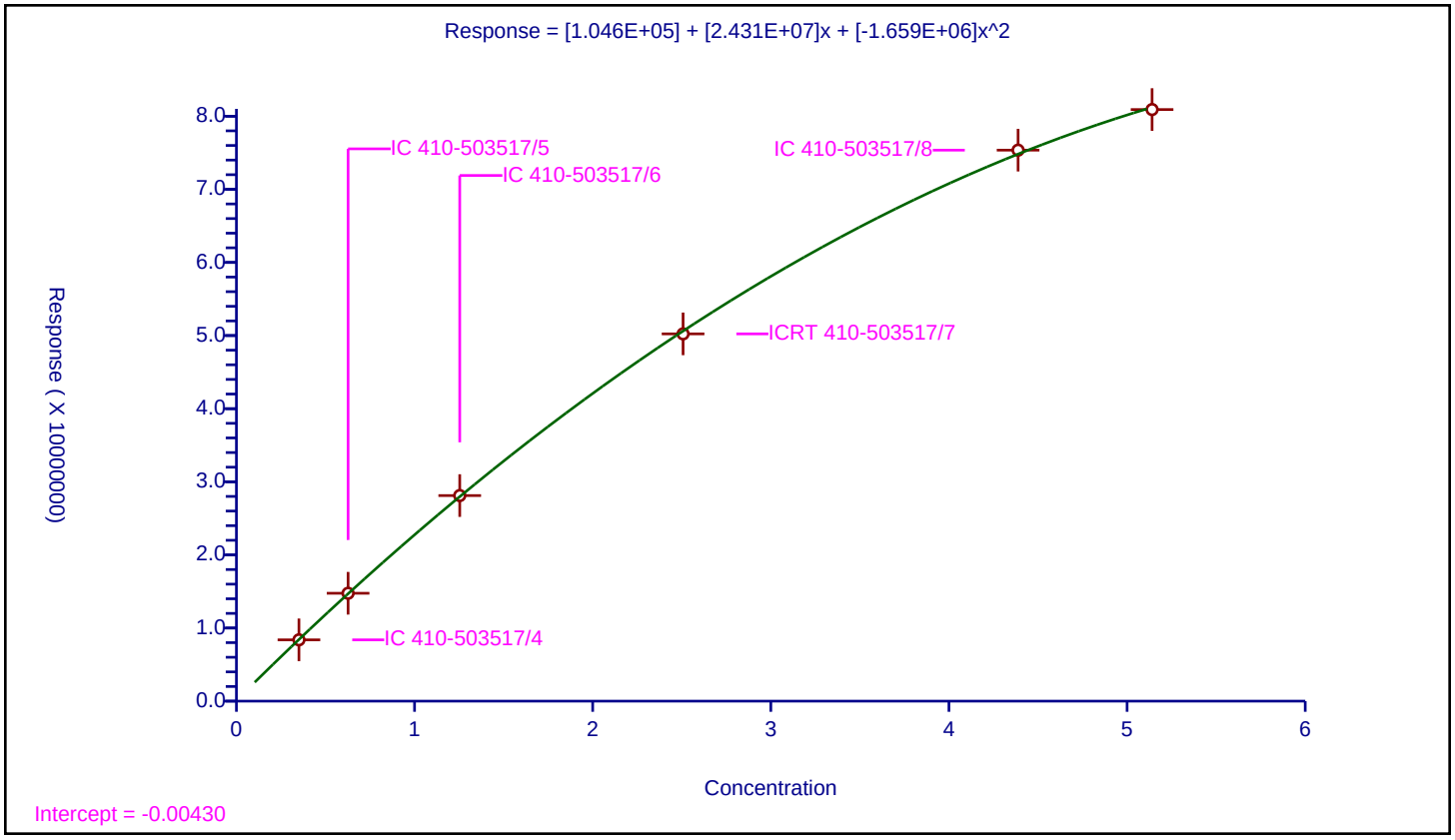
Curve Coefficients

Intercept:	1.046E+05
Slope:	2.431E+07
Second Order:	-1.659E+06

Error Coefficients

Relative Standard Deviation:	1.2

ID	Level	Concentration	Response	IS Amount	IS Response	RF	Used
1	IC 410-503517/4	0.35105	8384599.0			23884344.110526	Y
2	IC 410-503517/5	0.626875	14753162.0			23534455.832503	Y
3	IC 410-503517/6	1.25375	28115467.0			22425098.305085	Y
4	ICRT 410-503517/7	2.5075	50230417.0			20032070.588235	Y
5	IC 410-503517/8	4.388125	75357419.0			17173033.812847	Y
6	IC 410-503517/9	5.140375	80909382.0			15739976.558131	Y



7/9/2024
8:32:15 AM

Calibration / 1,1,2,2-Tetrachloroethane

Curve Type:	Quadratic
Weighting:	None
Origin:	None
Dependency:	Response
Calib Mode:	ESTD
Response Base:	HEIGHT
RF Rounding:	0

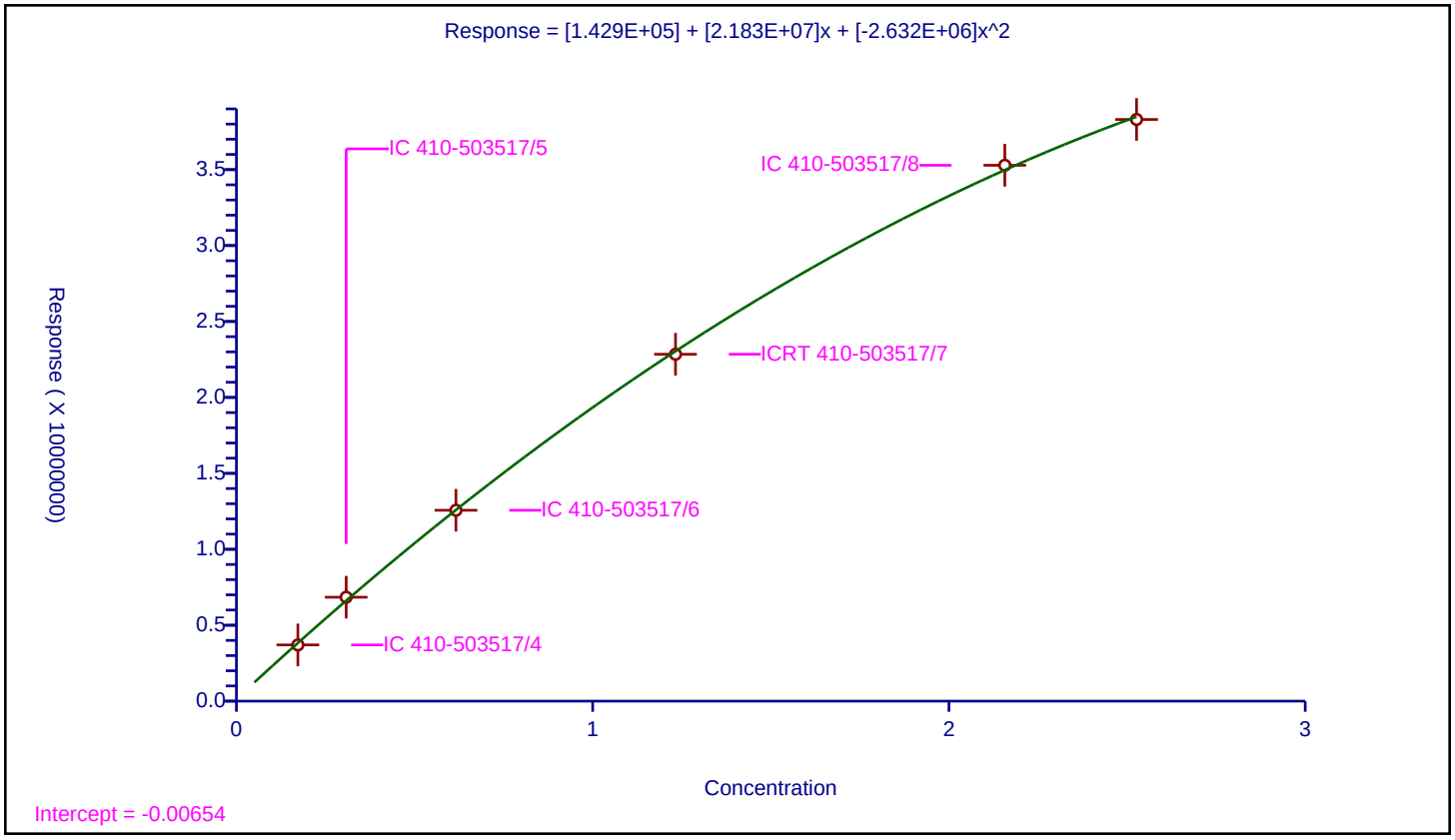
Curve Coefficients

Intercept:	1.429E+05
Slope:	2.183E+07
Second Order:	-2.632E+06

Error Coefficients

Relative Standard Deviation:	3.1

ID	Level	Concentration	Response	IS Amount	IS Response	RF	Used
1	IC 410-503517/4	0.17255	3701090.0			21449376.992176	Y
2	IC 410-503517/5	0.308125	6842020.0			22205338.742394	Y
3	IC 410-503517/6	0.61625	12569352.0			20396514.401623	Y
4	ICRT 410-503517/7	1.2325	22843767.0			18534496.551724	Y
5	IC 410-503517/8	2.156875	35286399.0			16359964.763837	Y
6	IC 410-503517/9	2.526625	38303919.0			15160112.402909	Y



7/9/2024
8:32:15 AM

Calibration / 1,2-Dibromo-3-Chloropropane

Curve Type:	Quadratic
Weighting:	None
Origin:	None
Dependency:	Response
Calib Mode:	ESTD
Response Base:	HEIGHT
RF Rounding:	0

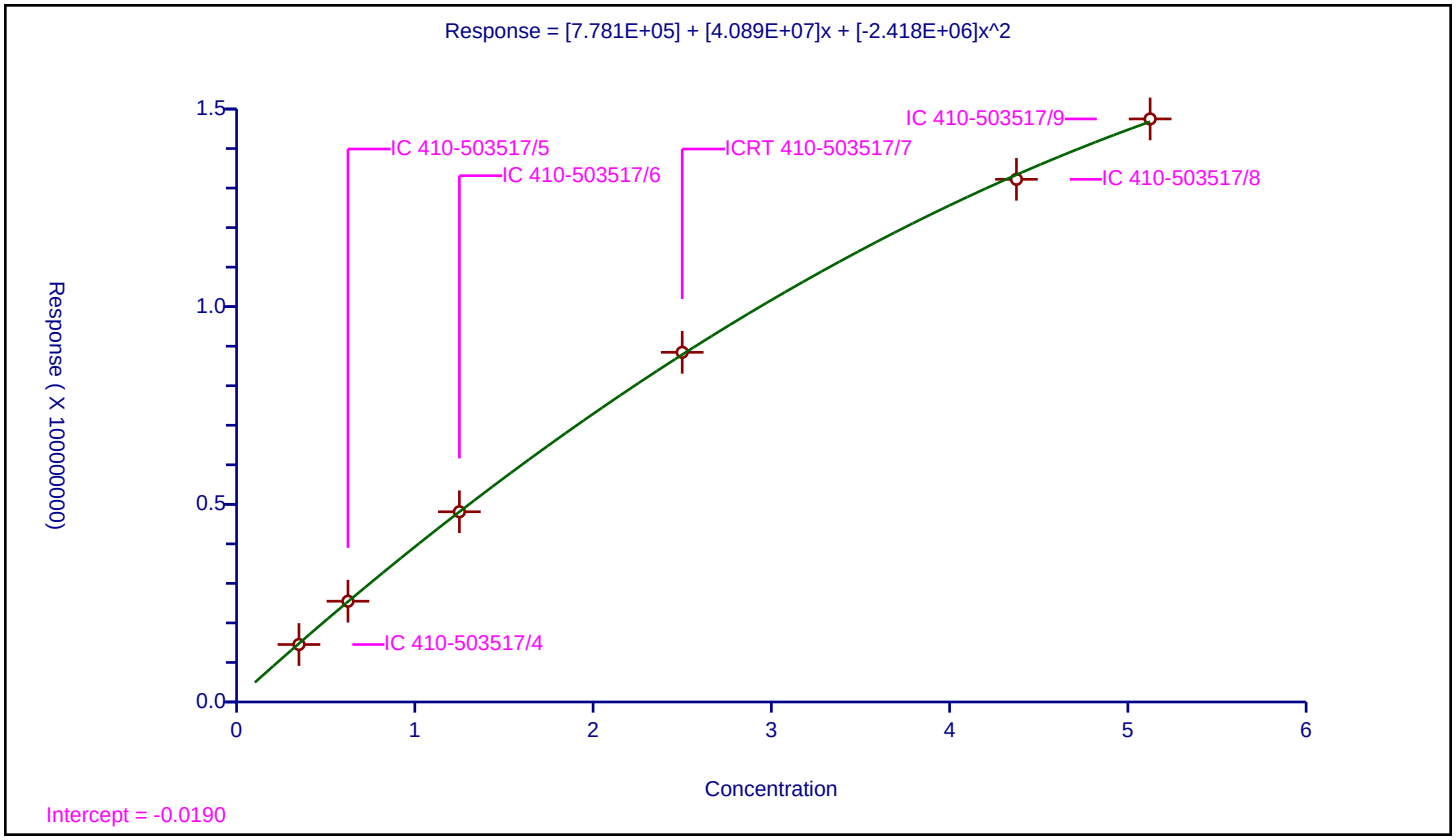
Curve Coefficients

Intercept:	7.781E+05
Slope:	4.089E+07
Second Order:	-2.418E+06

Error Coefficients

Relative Standard Deviation:	1.5

ID	Level	Concentration	Response	IS Amount	IS Response	RF	Used
1	IC 410-503517/4	0.35	14541948.0			41548422.857143	Y
2	IC 410-503517/5	0.625	25493692.0			40789907.2	Y
3	IC 410-503517/6	1.25	48118026.0			38494420.8	Y
4	ICRT 410-503517/7	2.5	88459884.0			35383953.6	Y
5	IC 410-503517/8	4.375	132217209.0			30221076.342857	Y
6	IC 410-503517/9	5.125	147491011.0			28778733.853659	Y



7/9/2024
8:32:15 AM

FORM VI
GC SEMI VOA BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
RETENTION TIME SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-303245-1 Analy Batch No.: 503517

SDG No.:

Instrument ID: 19846 GC Column: DB CLP2 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/08/2024 09:36 Calibration End Date: 05/08/2024 11:02 Calibration ID: 61380

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-503517/4	43EDBS24129001.004.D
Level 2	IC 410-503517/5	43EDBS24129001.005.D
Level 3	IC 410-503517/6	43EDBS24129001.006.D
Level 4	ICRT 410-503517/7	43EDBS24129001.007.D
Level 5	IC 410-503517/8	43EDBS24129001.008.D
Level 6	IC 410-503517/9	43EDBS24129001.009.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
1,2-Dibromoethane	3.887	3.885	3.887	3.885	3.884	3.883					3.855 - 3.915	3.885
1,2-Dibromo-3-Chloropropane	8.391	8.390	8.391	8.391	8.390	8.391					8.361 - 8.421	8.391
1,1,2,2-Tetrachloroethane (Surr)	5.551	5.551	5.550	5.550	5.549	5.550					5.520 - 5.580	5.550

FORM VI
GC SEMI VOA BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-303245-1 Analy Batch No.: 503517

SDG No.:

Instrument ID: 19846 GC Column: DB CLP2 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/08/2024 09:36 Calibration End Date: 05/08/2024 11:02 Calibration ID: 61380

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-503517/4	43EDBS24129001.004.D
Level 2	IC 410-503517/5	43EDBS24129001.005.D
Level 3	IC 410-503517/6	43EDBS24129001.006.D
Level 4	ICRT 410-503517/7	43EDBS24129001.007.D
Level 5	IC 410-503517/8	43EDBS24129001.008.D
Level 6	IC 410-503517/9	43EDBS24129001.009.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
1,2-Dibromoethane	23023888 16331959	23726840 14772982	21955736	19522341	Qua	19648.628 3	24252303. 3	-1833344. 1						1.0000		0.9900
1,2-Dibromo-3-Chloropropane	34134609 25907507	33005750 23914880	31407958	29015040	Lin	7692681.8 2	23488665. 2							0.9910		0.9900
1,1,2,2-Tetrachloroethane (Surr)	17548624 15374722	19789725 14634797	18300385	17313190	Qua	-169239.7 2	20044685. 9	-2119273. 0						1.0000		0.9900

Note: The M1 coefficient is the same as Ave CF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC SEMI VOA BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-303245-1 Analy Batch No.: 503517

SDG No.:

Instrument ID: 19846 GC Column: DB CLP2 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/08/2024 09:36 Calibration End Date: 05/08/2024 11:02 Calibration ID: 61380

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-503517/4	43EDBS24129001.004.D
Level 2	IC 410-503517/5	43EDBS24129001.005.D
Level 3	IC 410-503517/6	43EDBS24129001.006.D
Level 4	ICRT 410-503517/7	43EDBS24129001.007.D
Level 5	IC 410-503517/8	43EDBS24129001.008.D
Level 6	IC 410-503517/9	43EDBS24129001.009.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,2-Dibromoethane	Qua	8082536 75938668	14873763	27527004	48952269	71666676	0.351 5.14	0.627	1.25	2.51	4.39
1,2-Dibromo-3-Chloropropane	Lin	11947113 122563758	20628594	39259947	72537601	113345341	0.350 5.13	0.625	1.25	2.50	4.38
1,1,2,2-Tetrachloroethane (Surr)	Qua	3028015 36976644	6097709	11277612	21338507	33161353	0.173 2.53	0.308	0.616	1.23	2.16

Curve Type Legend:

Lin = Linear by Height
Qua = Quadratic by Height

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.004.D
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 08-May-2024 09:36:00 ALS Bottle#: 0 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: ic
Operator ID: 120 Instrument ID: 19846
Sublist: chrom-8011_19846S*sub1

Method: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\8011_19846S.m
Limit Group: GCSV - 8011 Solid
Last Update: 09-May-2024 07:42:16 Calib Date: 08-May-2024 11:02:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.009.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1627

First Level Reviewer: URS0 Date: 09-May-2024 06:43:30

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	2.805	2.803	0.002	8384599H	0.3511	0.3490	
2	3.887	3.885	0.002	8082536H	0.3511	0.3413	
						RPD = 2.24	
$ 2 1,1,2,2-Tetrachloroethane							
1	4.250	4.249	0.001	3701090H	0.1726	0.1664	
2	5.551	5.550	0.001	3028015H	0.1726	0.1623	
						RPD = 2.48	
3 1,2-Dibromo-3-Chloropropane							
1	7.096	7.095	0.001	14541948H	0.3500	0.3436	
2	8.391	8.391	0.000	11947113H	0.3500	0.1811	
						RPD = 61.93	

QC Flag Legend

Processing Flags
H - Response Measured by Height

Reagents:

GCS_EDBS1_00030 Amount Added: 1.00 Units: mL

Report Date: 09-May-2024 07:42:17 Chrom Revision: 2.3 01-May-2024 15:52:26

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.004.D

Injection Date: 08-May-2024 09:36:00 Instrument ID: 19846

Lims ID: ic

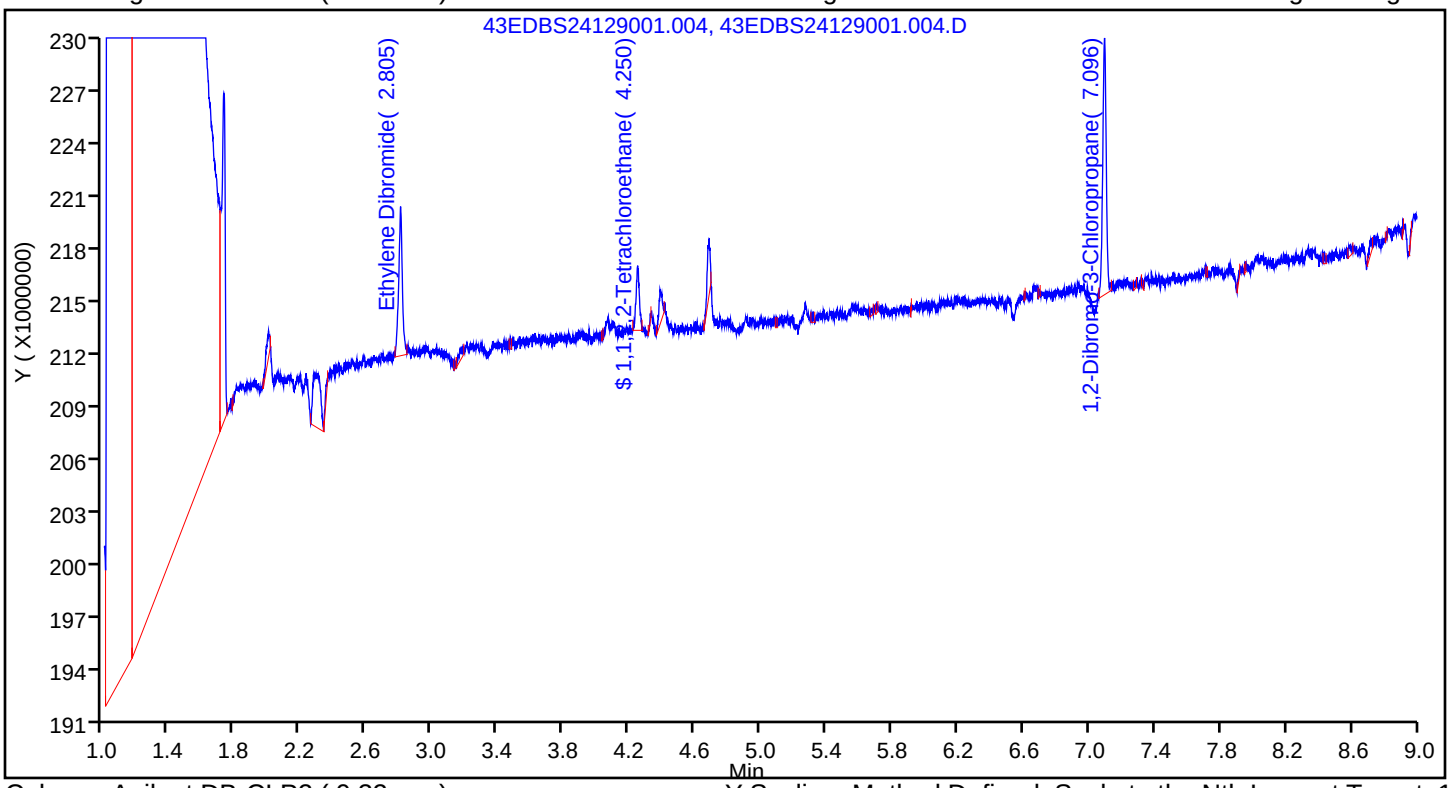
Client ID:

Operator ID: 120 ALS Bottle#: 0 Worklist Smp#: 4

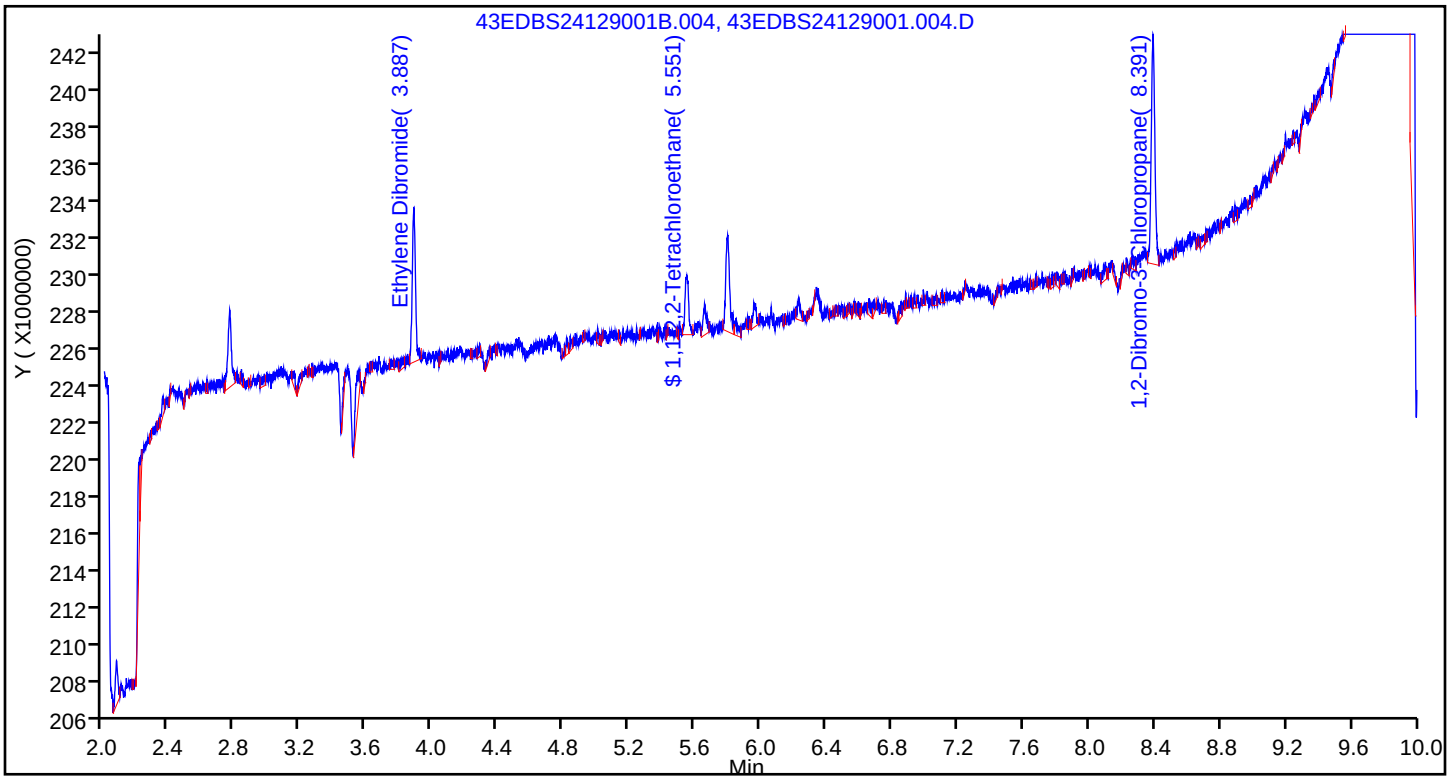
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846S Limit Group: GCSV - 8011 Solid

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.005.D
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 08-May-2024 09:53:00 ALS Bottle#: 0 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: ic
Operator ID: 120 Instrument ID: 19846
Sublist: chrom-8011_19846S*sub1

Method: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\8011_19846S.m
Limit Group: GCSV - 8011 Solid
Last Update: 09-May-2024 07:42:18 Calib Date: 08-May-2024 11:02:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.009.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1627

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	2.806	2.803	0.003	14753162H	0.6269	0.6298	
2	3.885	3.885	0.000	14873763H	0.6269	0.6438	
						RPD = 2.21	
$ 2 1,1,2,2-Tetrachloroethane							
1	4.252	4.249	0.003	6842020H	0.3081	0.3192	
2	5.551	5.550	0.001	6097709H	0.3081	0.3237	
						RPD = 1.40	
3 1,2-Dibromo-3-Chloropropane							
1	7.095	7.095	0.000	25493692H	0.6250	0.6278	
2	8.390	8.391	-0.001	20628594H	0.6250	0.5507	
						RPD = 13.08	

Reagents:

GCS_EDBS2_00029 Amount Added: 1.00 Units: mL

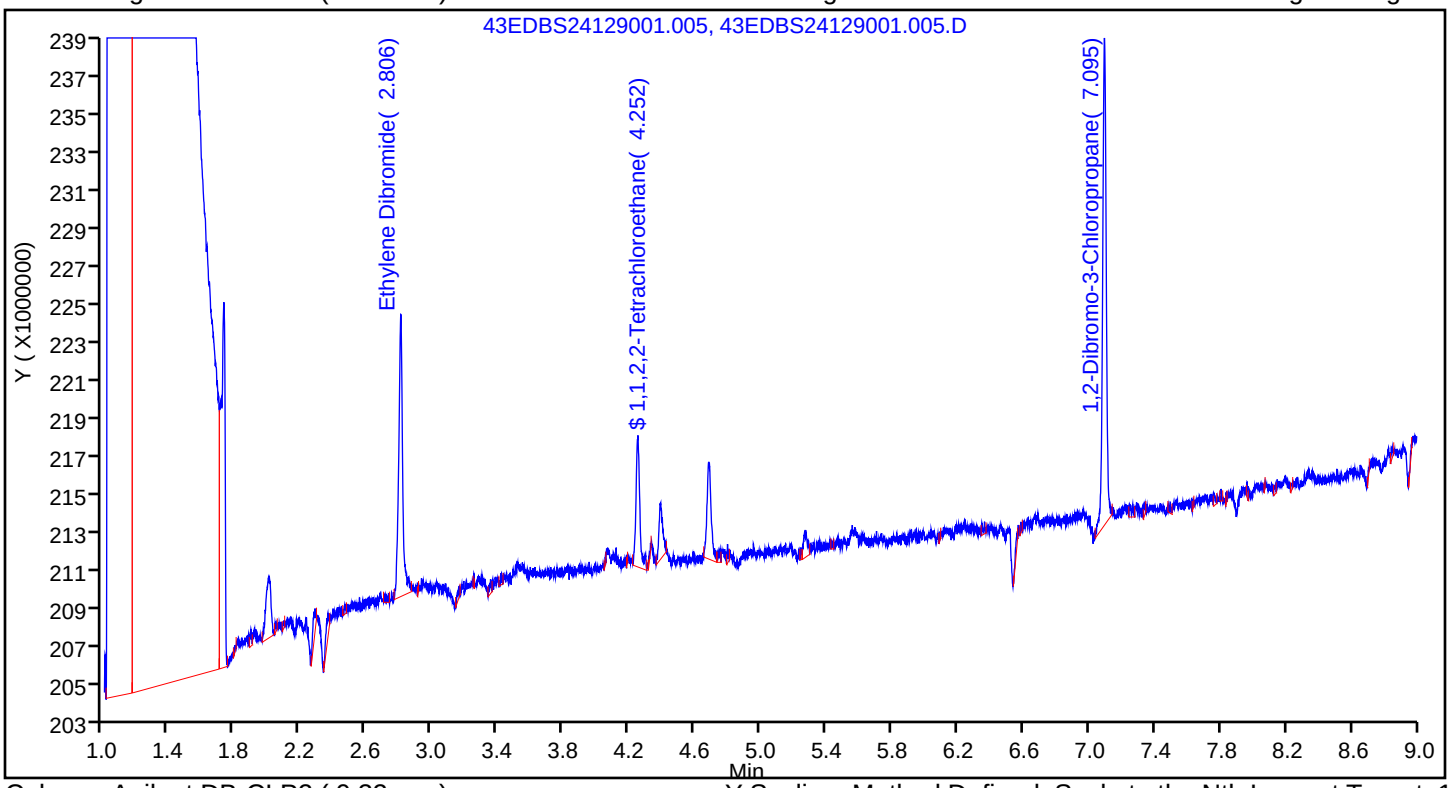
Report Date: 09-May-2024 07:42:18 Chrom Revision: 2.3 01-May-2024 15:52:26

Eurofins Lancaster Laboratories Environment Testing, LLC

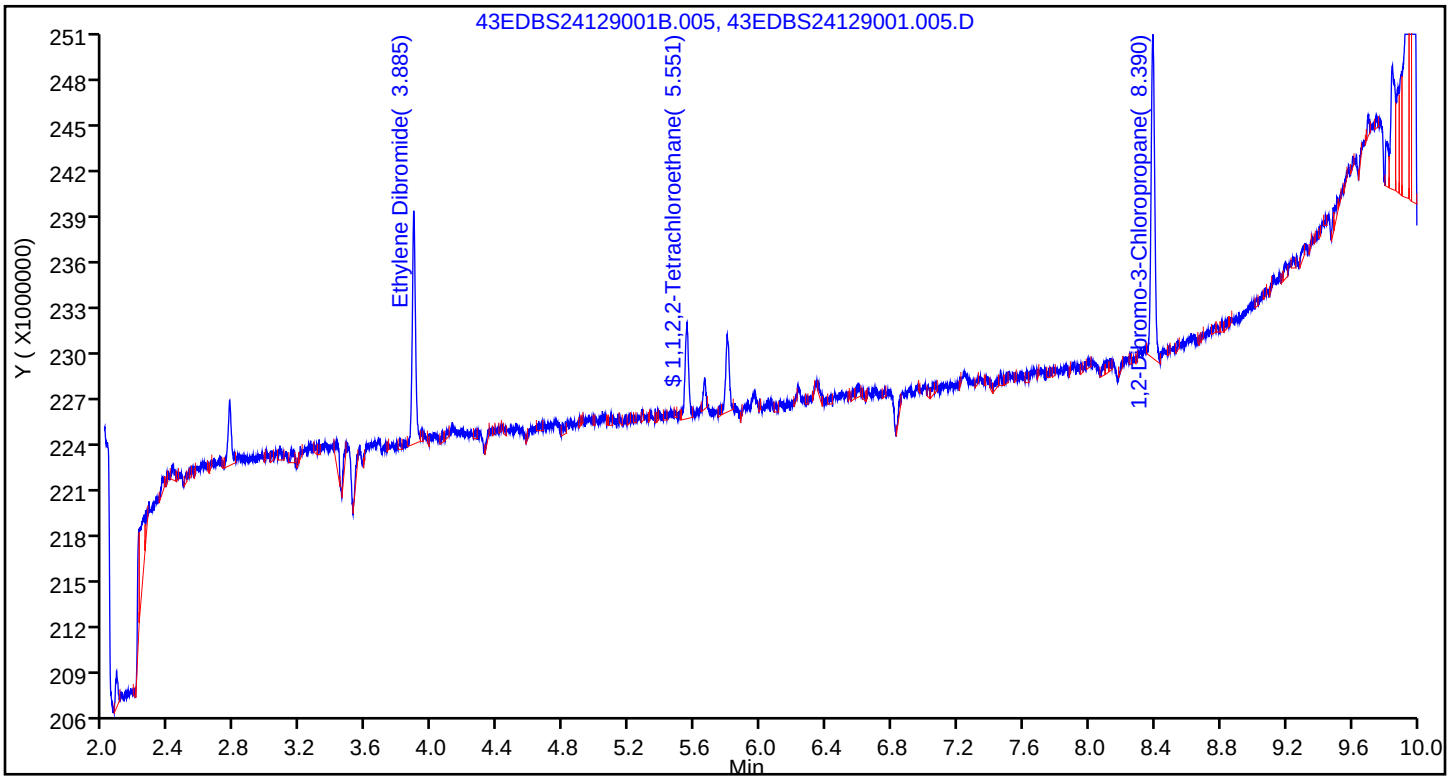
Data File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.005.D

Injection Date:	08-May-2024 09:53:00	Instrument ID:	19846		
Lims ID:	ic				
Client ID:					
Operator ID:	120	ALS Bottle#:	0	Worklist Smp#:	5
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8011_19846S	Limit Group:	GCSV - 8011 Solid		

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.006.D
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 08-May-2024 10:10:00 ALS Bottle#: 0 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: ic
Operator ID: 120 Instrument ID: 19846
Sublist: chrom-8011_19846S*sub1

Method: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\8011_19846S.m
Limit Group: GCSV - 8011 Solid
Last Update: 09-May-2024 07:42:19 Calib Date: 08-May-2024 11:02:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.009.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1627

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	2.808	2.803	0.005	28115467H	1.25	1.26	
2	3.887	3.885	0.002	27527004H	1.25	1.25	
						RPD = 0.64	
$ 2 1,1,2,2-Tetrachloroethane							
1	4.251	4.249	0.002	12569352H	0.6163	0.6149	
2	5.550	5.550	0.000	11277612H	0.6163	0.6105	
						RPD = 0.73	
3 1,2-Dibromo-3-Chloropropane							
1	7.096	7.095	0.001	48118026H	1.25	1.25	
2	8.391	8.391	0.000	39259947H	1.25	1.34	
						RPD = 7.22	

Reagents:

GCS_EDBS3_00030 Amount Added: 1.00 Units: mL

Report Date: 09-May-2024 07:42:20 Chrom Revision: 2.3 01-May-2024 15:52:26

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.006.D

Injection Date: 08-May-2024 10:10:00 Instrument ID: 19846

Lims ID: ic

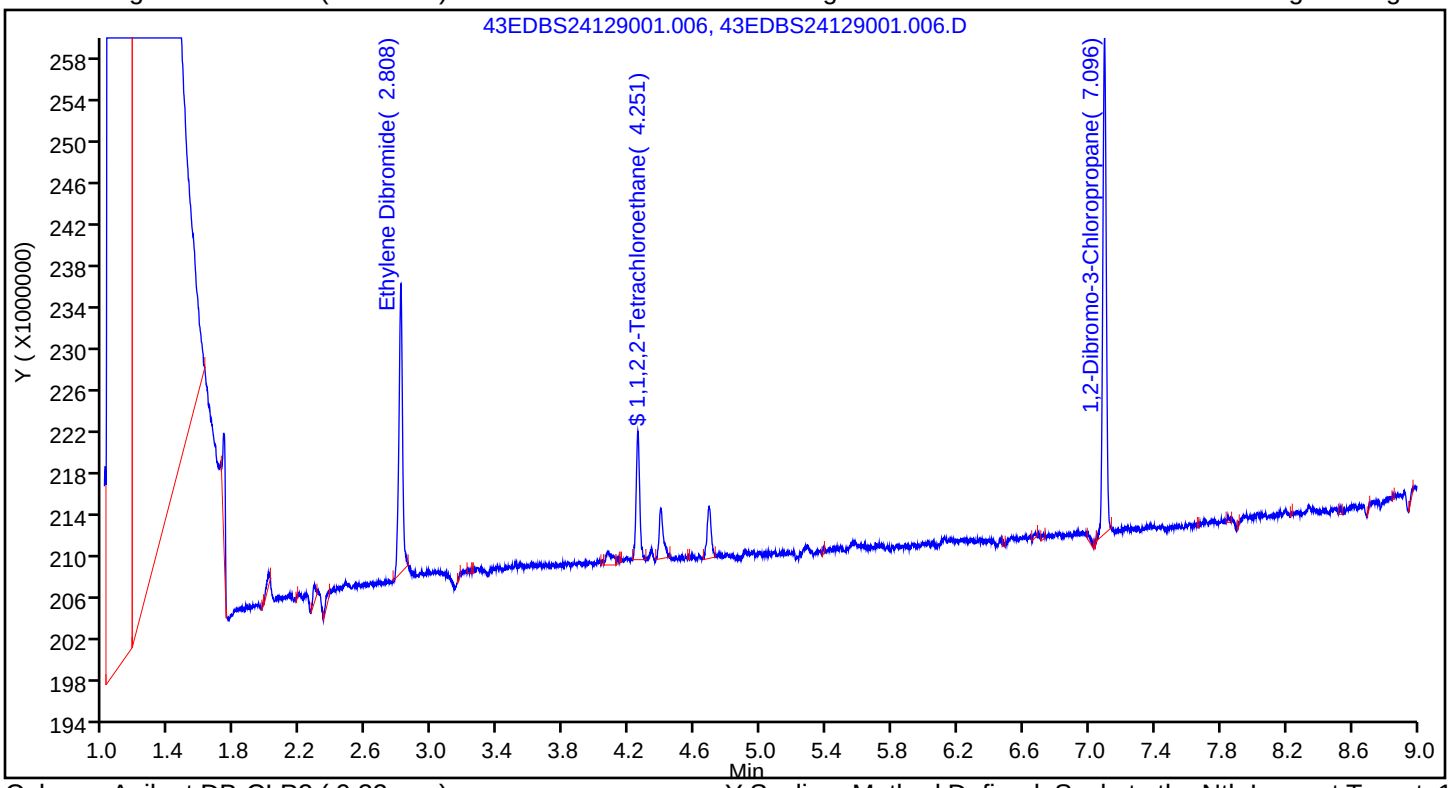
Client ID:

Operator ID: 120 ALS Bottle#: 0 Worklist Smp#: 6

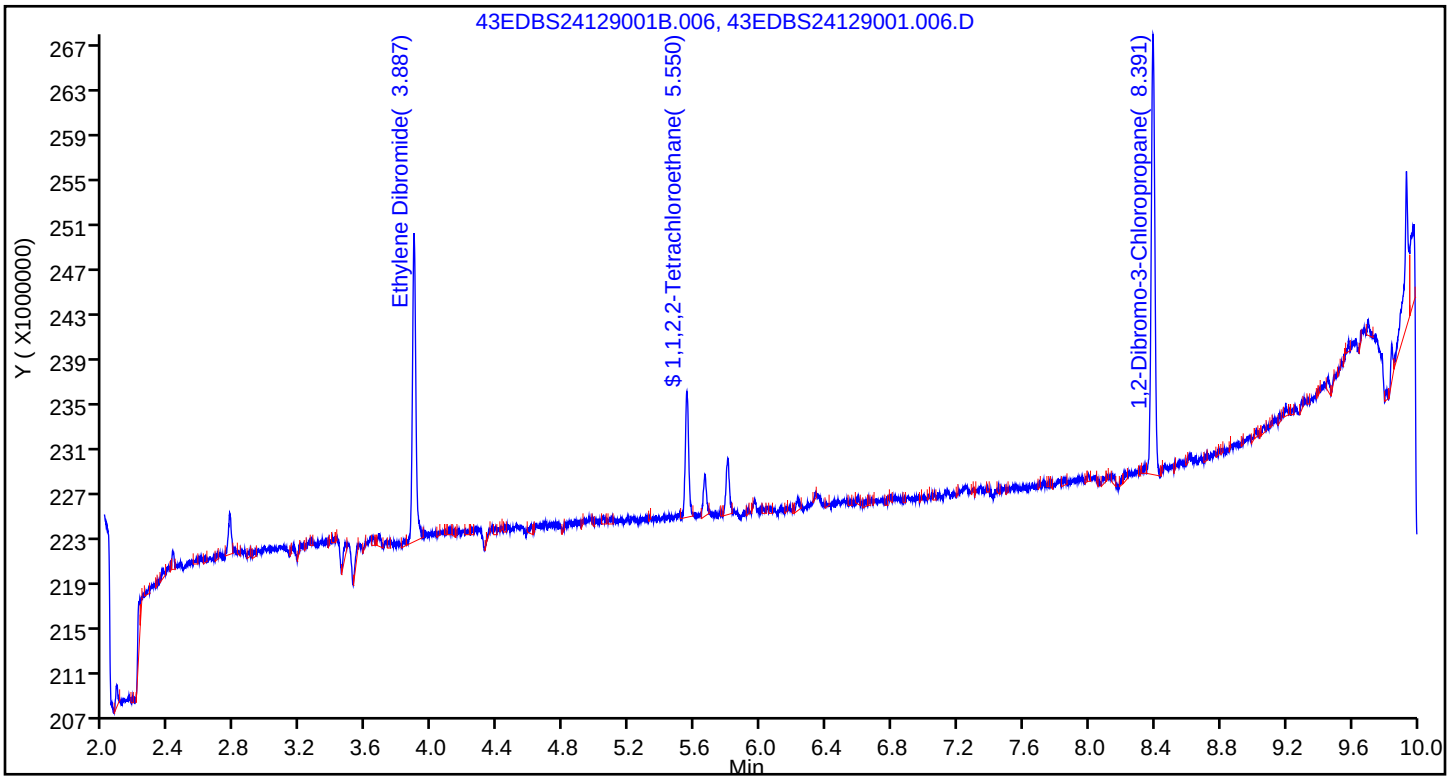
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846S Limit Group: GCSV - 8011 Solid

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.007.D
Lims ID: icrt
Client ID:
Sample Type: ICRT Calib Level: 4
Inject. Date: 08-May-2024 10:28:00 ALS Bottle#: 0 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: icrt
Operator ID: 120 Instrument ID: 19846
Sublist: chrom-8011_19846S*sub1

Method: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\8011_19846S.m
Limit Group: GCSV - 8011 Solid
Last Update: 09-May-2024 07:42:21 Calib Date: 08-May-2024 11:02:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.009.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1627

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	2.803	2.803	0.000	50230417H	2.51	2.48	
2	3.885	3.885	0.000	48952269H	2.51	2.48	
						RPD = 0.04	
$ 2 1,1,2,2-Tetrachloroethane							
1	4.249	4.249	0.000	22843767H	1.23	1.22	
2	5.550	5.550	0.000	21338507H	1.23	1.23	
						RPD = 1.19	
3 1,2-Dibromo-3-Chloropropane							
1	7.095	7.095	0.000	88459884H	2.50	2.52	
2	8.391	8.391	0.000	72537601H	2.50	2.76	
						RPD = 9.11	

Reagents:

GCS_EDBS4_00042 Amount Added: 1.00 Units: mL

Report Date: 09-May-2024 07:42:21 Chrom Revision: 2.3 01-May-2024 15:52:26

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.007.D

Injection Date: 08-May-2024 10:28:00 Instrument ID: 19846

Lims ID: icrt

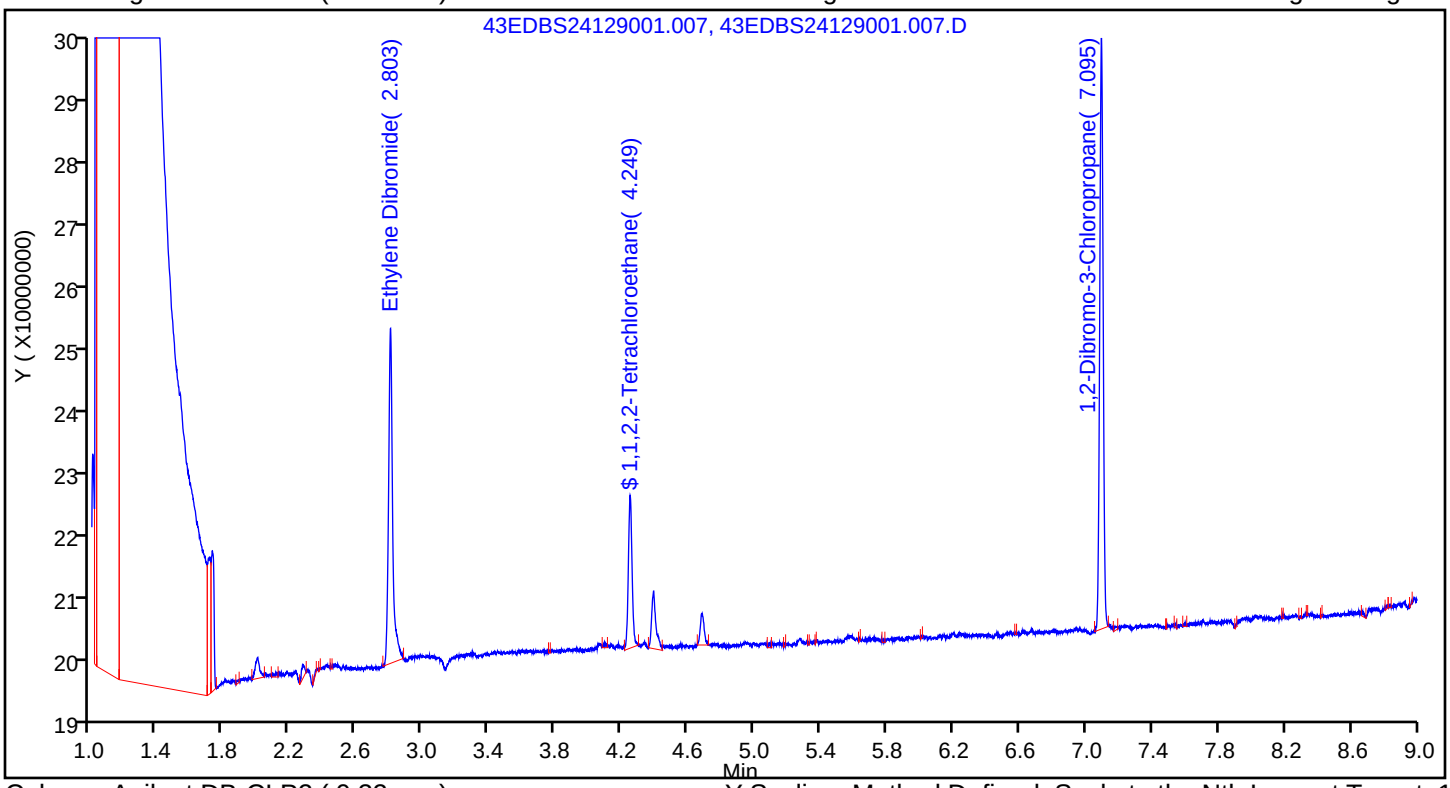
Client ID:

Operator ID: 120 ALS Bottle#: 0 Worklist Smp#: 7

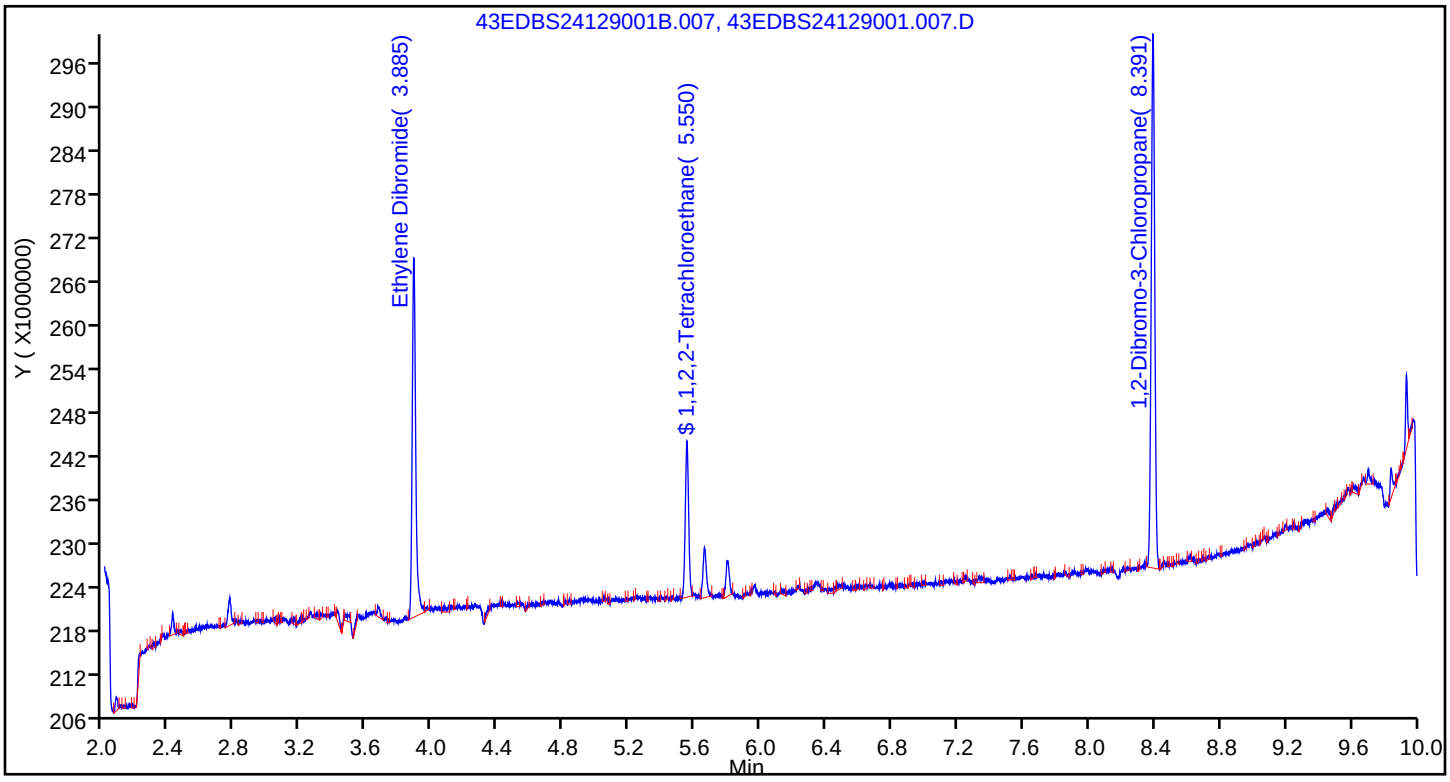
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846S Limit Group: GCSV - 8011 Solid

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.008.D
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 08-May-2024 10:45:00 ALS Bottle#: 0 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: ic
Operator ID: 120 Instrument ID: 19846
Sublist: chrom-8011_19846S*sub1

Method: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\8011_19846S.m
Limit Group: GCSV - 8011 Solid
Last Update: 09-May-2024 07:42:22 Calib Date: 08-May-2024 11:02:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.009.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1627

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	2.800	2.803	-0.003	75357419H	4.39	4.44	
2	3.884	3.885	-0.001	71666676H	4.39	4.45	
						RPD = 0.23	
$ 2 1,1,2,2-Tetrachloroethane							
1	4.248	4.249	-0.001	35286399H	2.16	2.19	
2	5.549	5.550	-0.001	33161353H	2.16	2.15	
						RPD = 1.57	
3 1,2-Dibromo-3-Chloropropane							
1	7.095	7.095	0.000	132217209H	4.38	4.32	
2	8.390	8.391	-0.001	113345341H	4.38	4.50	
						RPD = 4.10	

Reagents:

GCS_EDBS5_00027 Amount Added: 1.00 Units: mL

Report Date: 09-May-2024 07:42:23 Chrom Revision: 2.3 01-May-2024 15:52:26

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.008.D

Injection Date: 08-May-2024 10:45:00 Instrument ID: 19846

Lims ID: ic

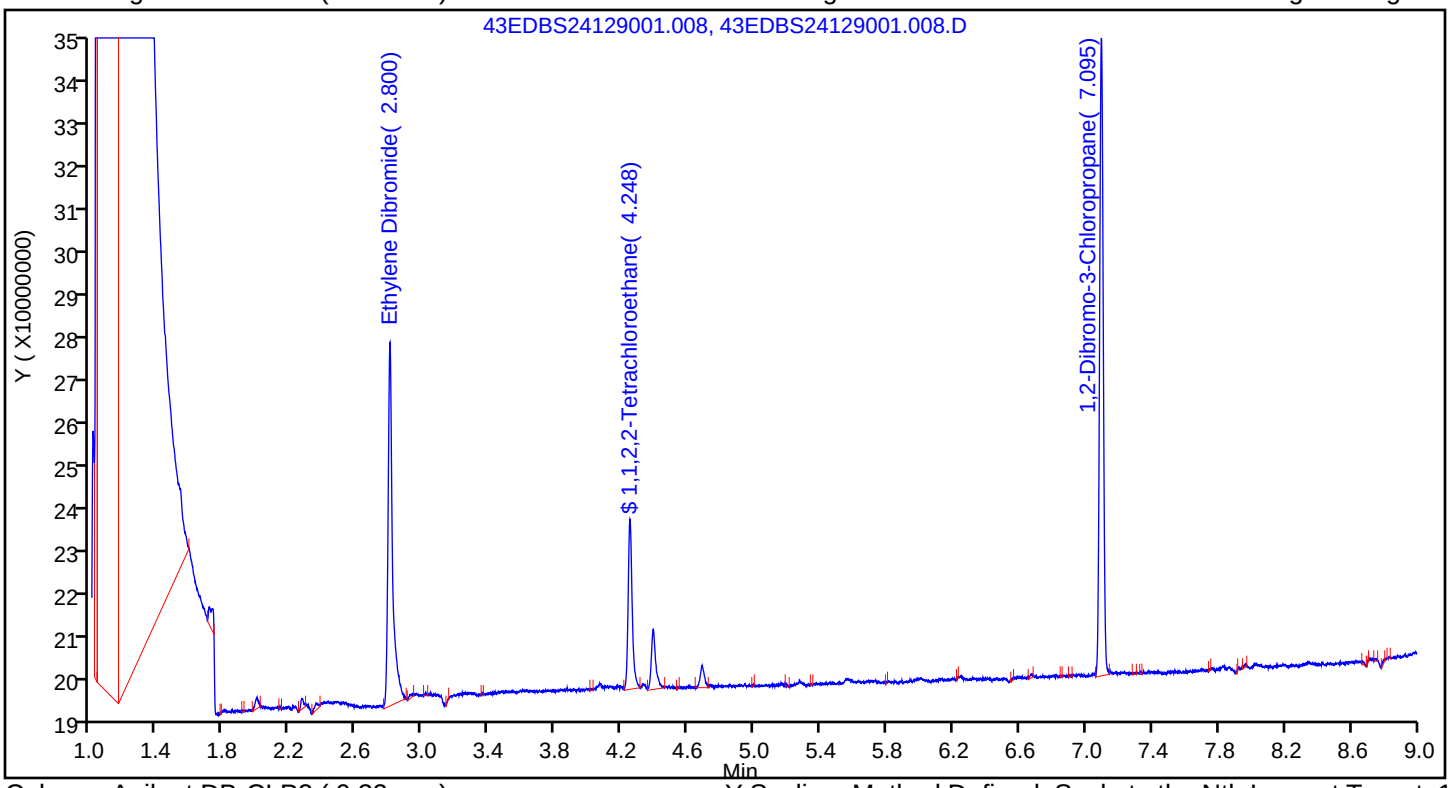
Client ID:

Operator ID: 120 ALS Bottle#: 0 Worklist Smp#: 8

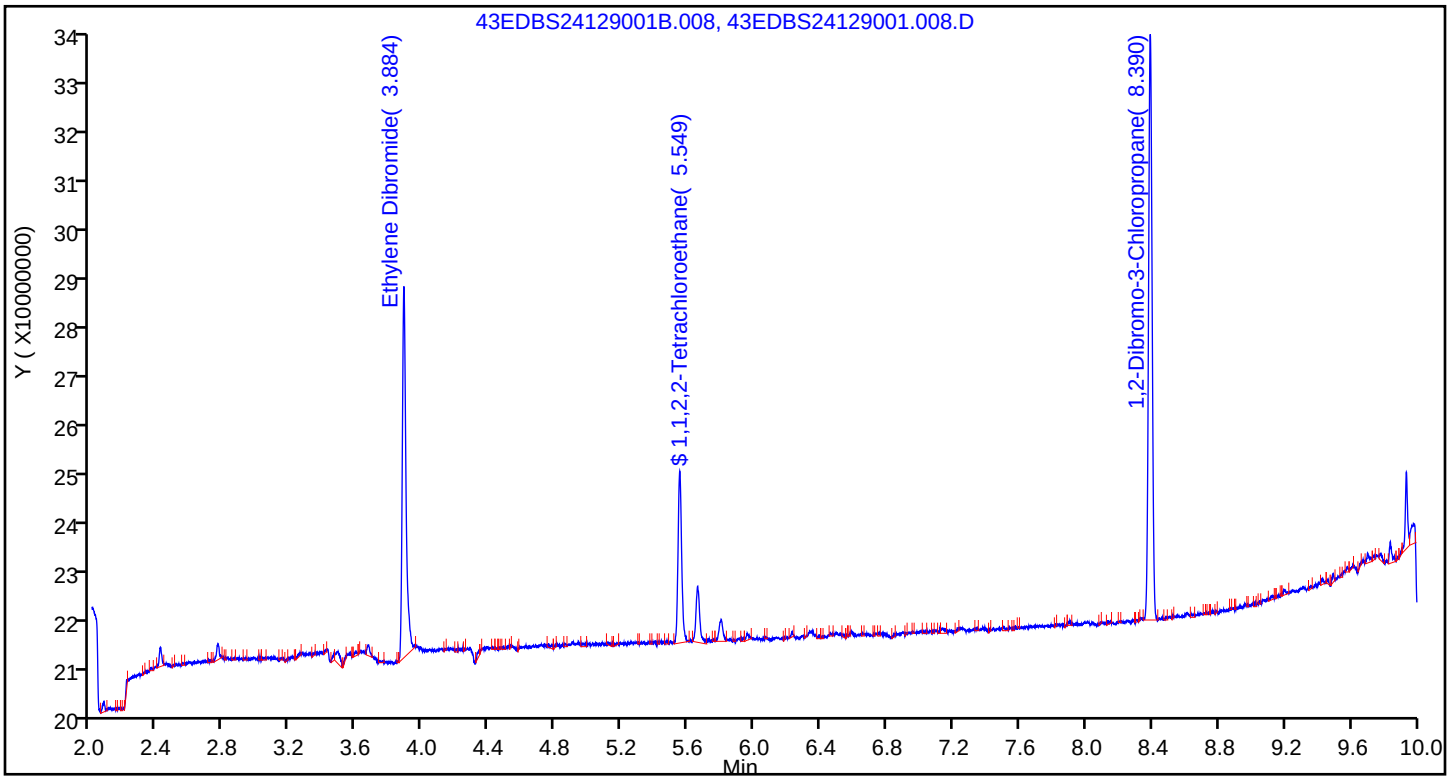
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846S Limit Group: GCSV - 8011 Solid

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.009.D
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 08-May-2024 11:02:00 ALS Bottle#: 0 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: ic
Operator ID: 120 Instrument ID: 19846
Sublist: chrom-8011_19846S*sub1

Method: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\8011_19846S.m
Limit Group: GCSV - 8011 Solid
Last Update: 09-May-2024 07:42:24 Calib Date: 08-May-2024 11:02:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.009.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1627

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	2.797	2.803	-0.006	80909382H	5.14	5.10	
2	3.883	3.885	-0.002	75938668H	5.14	5.09	
						RPD = 0.26	
$ 2 1,1,2,2-Tetrachloroethane							
1	4.248	4.249	-0.001	38303919H	2.53	2.51	
2	5.550	5.550	0.000	36976644H	2.53	2.53	
						RPD = 0.97	
3 1,2-Dibromo-3-Chloropropane							
1	7.095	7.095	0.000	147491011H	5.13	5.17	
2	8.391	8.391	0.000	122563758H	5.13	4.89	
						RPD = 5.53	

Reagents:

GCS_EDBS6_00027 Amount Added: 1.00 Units: mL

Report Date: 09-May-2024 07:42:24 Chrom Revision: 2.3 01-May-2024 15:52:26

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.009.D

Injection Date: 08-May-2024 11:02:00 Instrument ID: 19846

Lims ID: ic

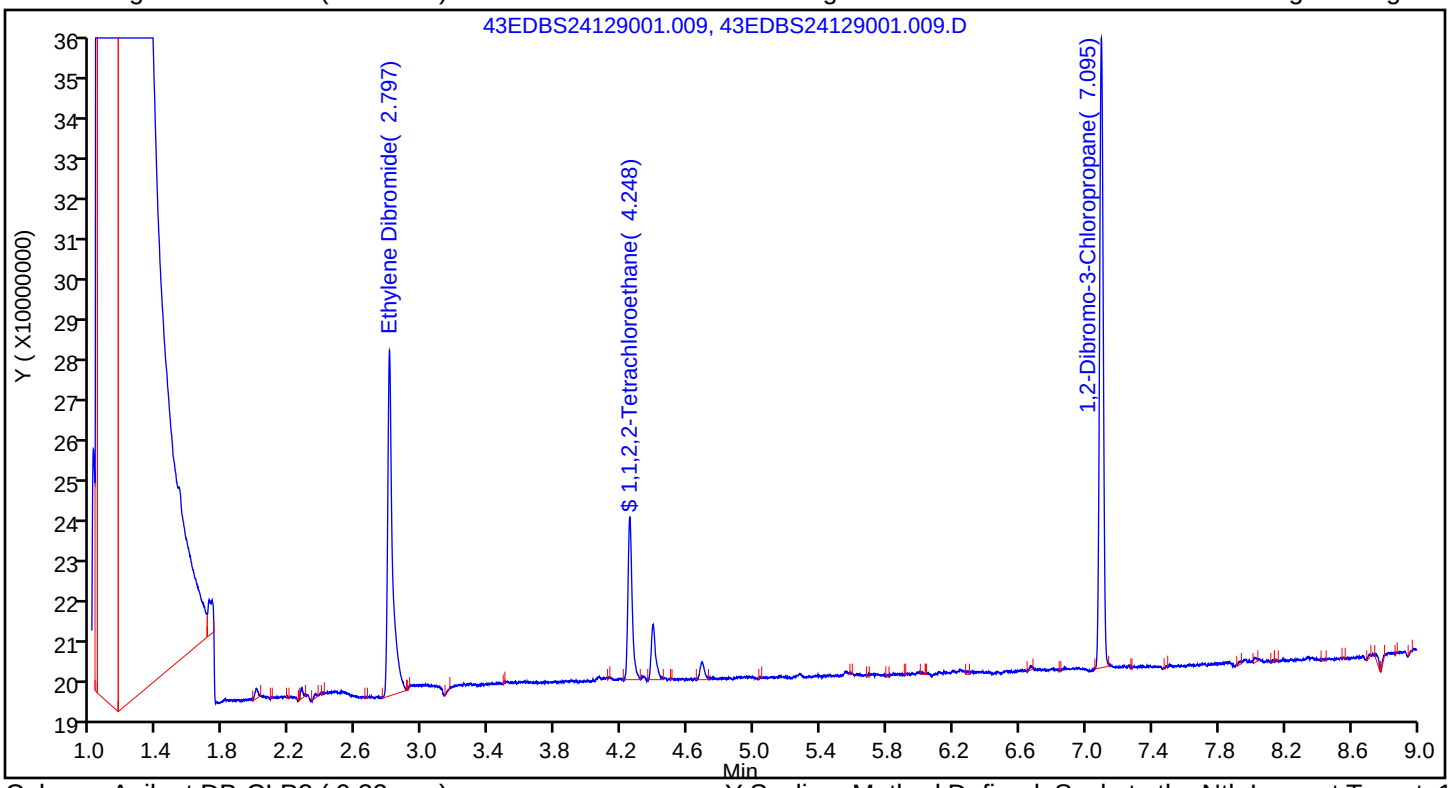
Client ID:

Operator ID: 120 ALS Bottle#: 0 Worklist Smp#: 9

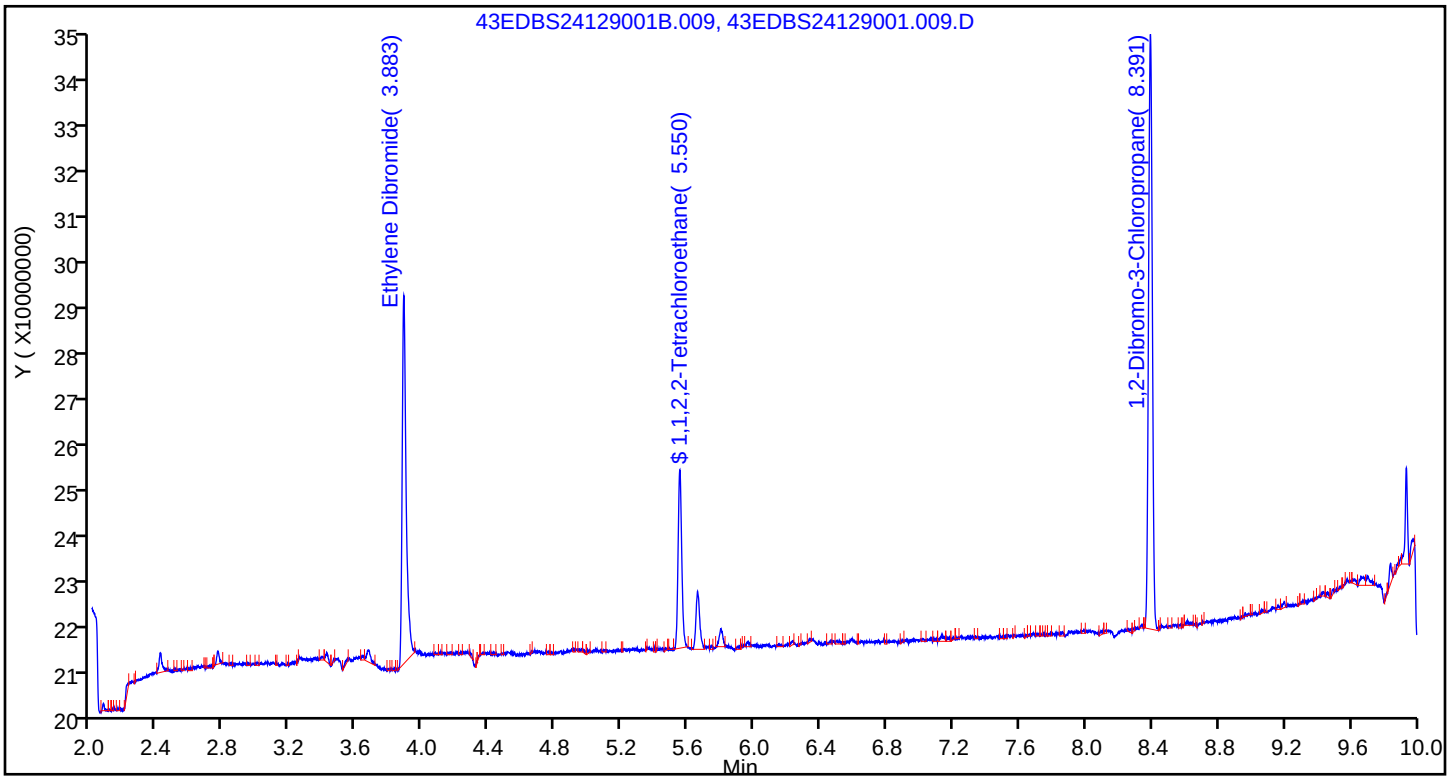
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846S Limit Group: GCSV - 8011 Solid

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Calibration / Ethylene Dibromide

Curve Type:	Quadratic
Weighting:	None
Origin:	None
Dependency:	Response
Calib Mode:	ESTD
Response Base:	HEIGHT
RF Rounding:	0

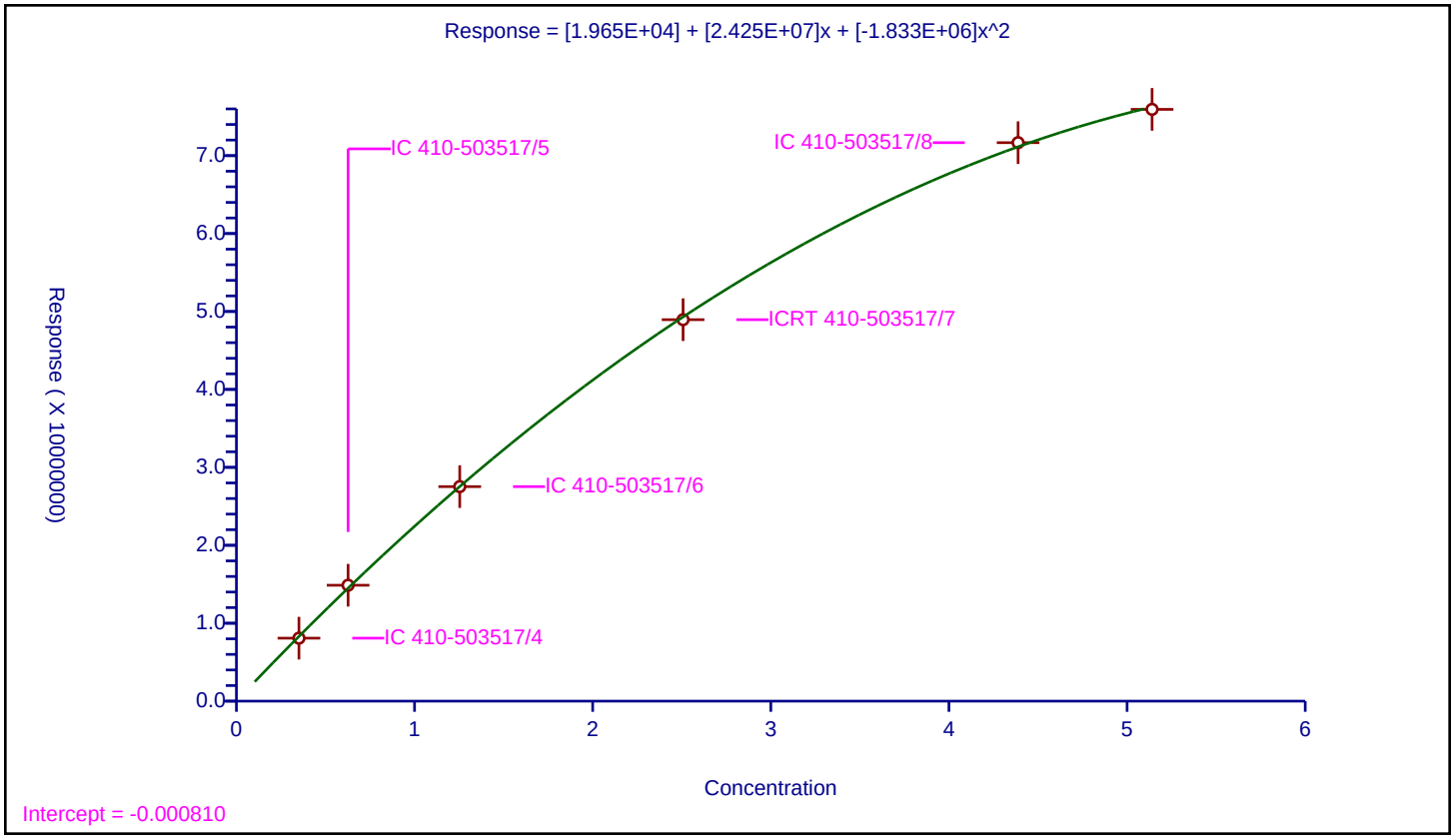
Curve Coefficients

Intercept:	1.965E+04
Slope:	2.425E+07
Second Order:	-1.833E+06

Error Coefficients

Relative Standard Deviation:	2.5

ID	Level	Concentration	Response	IS Amount	IS Response	RF	Used
1	IC 410-503517/4	0.35105	8082536.0			23023888.334995	Y
2	IC 410-503517/5	0.626875	14873763.0			23726840.279163	Y
3	IC 410-503517/6	1.25375	27527004.0			21955735.992024	Y
4	ICRT 410-503517/7	2.5075	48952269.0			19522340.578265	Y
5	IC 410-503517/8	4.388125	71666676.0			16331958.638371	Y
6	IC 410-503517/9	5.140375	75938668.0			14772982.12679	Y



Calibration / 1,1,2,2-Tetrachloroethane

Curve Type:	Quadratic
Weighting:	None
Origin:	None
Dependency:	Response
Calib Mode:	ESTD
Response Base:	HEIGHT
RF Rounding:	0

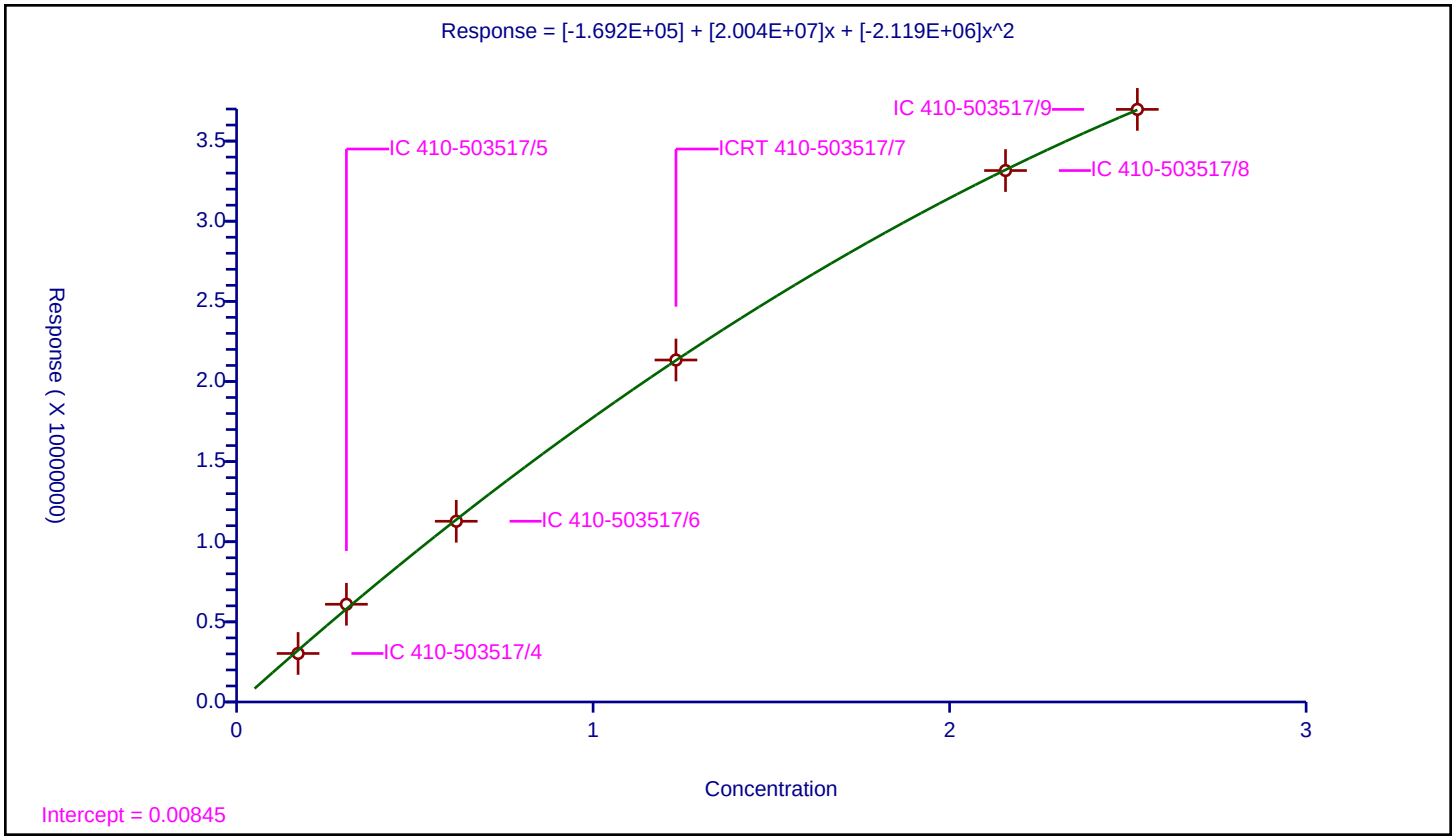
Curve Coefficients

Intercept:	-1.692E+05
Slope:	2.004E+07
Second Order:	-2.119E+06

Error Coefficients

Relative Standard Deviation:	4.5

ID	Level	Concentration	Response	IS Amount	IS Response	RF	Used
1	IC 410-503517/4	0.17255	3028015.0			17548623.587366	Y
2	IC 410-503517/5	0.308125	6097709.0			19789724.94929	Y
3	IC 410-503517/6	0.61625	11277612.0			18300384.584179	Y
4	ICRT 410-503517/7	1.2325	21338507.0			17313190.263692	Y
5	IC 410-503517/8	2.156875	33161353.0			15374721.761808	Y
6	IC 410-503517/9	2.526625	36976644.0			14634797.011824	Y



Calibration / 1,2-Dibromo-3-Chloropropane

Curve Type:	Linear
Weighting:	None
Origin:	None
Dependency:	Response
Calib Mode:	ESTD
Response Base:	HEIGHT
RF Rounding:	0

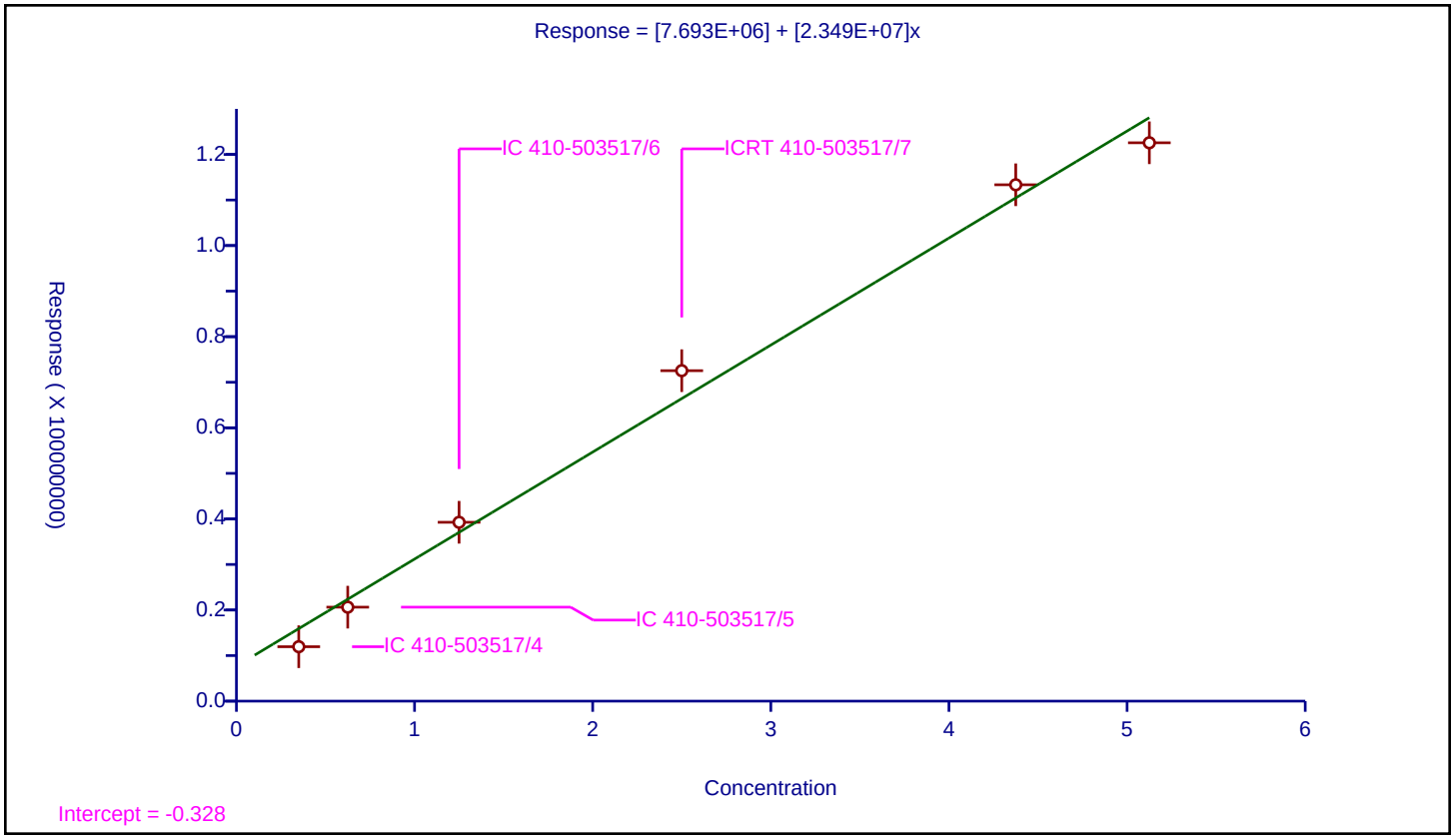
Curve Coefficients

Intercept:	7.693E+06
Slope:	2.349E+07

Error Coefficients

Relative Standard Deviation:	25.8

ID	Level	Concentration	Response	IS Amount	IS Response	RF	Used
1	IC 410-503517/4	0.35	11947113.0			34134608.571429	Y
2	IC 410-503517/5	0.625	20628594.0			33005750.4	Y
3	IC 410-503517/6	1.25	39259947.0			31407957.6	Y
4	ICRT 410-503517/7	2.5	72537601.0			29015040.4	Y
5	IC 410-503517/8	4.375	113345341.0			25907506.514286	Y
6	IC 410-503517/9	5.125	122563758.0			23914879.609756	Y



7/9/2024
8:32:15 AM

FORM VI
GC SEMI VOA BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
RETENTION TIME SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-303245-1 Analy Batch No.: 505957

SDG No.:

Instrument ID: 19846 GC Column: DB CLP1 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/14/2024 12:55 Calibration End Date: 05/14/2024 14:21 Calibration ID: 61655

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-505957/4	43EDBW24135001.004.D
Level 2	IC 410-505957/5	43EDBW24135001.005.D
Level 3	IC 410-505957/6	43EDBW24135001.006.D
Level 4	ICRT 410-505957/7	43EDBW24135001.007.D
Level 5	IC 410-505957/8	43EDBW24135001.008.D
Level 6	IC 410-505957/9	43EDBW24135001.009.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
1,2-Dibromoethane	2.827	2.803	2.803	2.804	2.803	2.800					2.774 - 2.834	2.807
1,2-Dibromo-3-Chloropropane	7.108	7.093	7.094	7.093	7.093	7.093					7.063 - 7.123	7.096
1,1,2,2-Tetrachloroethane (Surr)	4.228	4.249	4.248	4.248	4.248	4.246					4.218 - 4.278	4.245

FORM VI
GC SEMI VOA BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-303245-1 Analy Batch No.: 505957

SDG No.:

Instrument ID: 19846 GC Column: DB CLP1 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/14/2024 12:55 Calibration End Date: 05/14/2024 14:21 Calibration ID: 61655

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-505957/4	43EDBW24135001.004.D
Level 2	IC 410-505957/5	43EDBW24135001.005.D
Level 3	IC 410-505957/6	43EDBW24135001.006.D
Level 4	ICRT 410-505957/7	43EDBW24135001.007.D
Level 5	IC 410-505957/8	43EDBW24135001.008.D
Level 6	IC 410-505957/9	43EDBW24135001.009.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
1,2-Dibromoethane	6635169 19905185	21038189 18474128	20166658	21220554	Qua	-4683610.8	25509917.4	-1008271.0						0.9990		0.9900
1,2-Dibromo-3-Chloropropane	8985094 37460794	44281486 35239929	41625889	39773425	Qua	-6653107.9	47070304.3	-1746363.2						0.9980		0.9900
1,1,2,2-Tetrachloroethane (Surr)	2749012 21040038	21887049 19518284	20600513	21747882	Qua	-2887702.7	26834454.2	-2072128.5						0.9990		0.9900

Note: The M1 coefficient is the same as Ave CF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC SEMI VOA BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-303245-1 Analy Batch No.: 505957

SDG No.:

Instrument ID: 19846 GC Column: DB CLP1 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/14/2024 12:55 Calibration End Date: 05/14/2024 14:21 Calibration ID: 61655

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-505957/4	43EDBW24135001.004.D
Level 2	IC 410-505957/5	43EDBW24135001.005.D
Level 3	IC 410-505957/6	43EDBW24135001.006.D
Level 4	ICRT 410-505957/7	43EDBW24135001.007.D
Level 5	IC 410-505957/8	43EDBW24135001.008.D
Level 6	IC 410-505957/9	43EDBW24135001.009.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,2-Dibromoethane	Qua	2329276 115809692	13188315	25283948	53210540	87346439	0.351 6.27	0.627	1.25	2.51	4.39
1,2-Dibromo-3-Chloropropane	Qua	3144783 220249555	27675929	52032361	99433562	163890974	0.350 6.25	0.625	1.25	2.50	4.38
1,1,2,2-Tetrachloroethane (Surr)	Qua	474342 60140712	6743947	12695066	26804265	45380733	0.173 3.08	0.308	0.616	1.23	2.16

Curve Type Legend:
Qua = Quadratic by Height

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\43EDBW24135001.004.D
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 14-May-2024 12:55:00 ALS Bottle#: 0 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: ic
Operator ID: 120 Instrument ID: 19846
Sublist: chrom-8011_19846*sub2

Method: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\8011_19846.m
Limit Group: GCSV - 8011 Waters
Last Update: 15-May-2024 07:12:47 Calib Date: 14-May-2024 14:21:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\43EDBW24135001.009.D

Column 1 : DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1682

First Level Reviewer: URS0 Date: 15-May-2024 07:00:05

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	2.827	2.804	0.023	2329276H	0.3511	0.2780	
2	3.896	3.883	0.013	7920579H	0.3511	0.3851	
						RPD = 32.32	
$ 2 1,1,2,2-Tetrachloroethane							
1	4.228	4.248	-0.020	474342H	0.1726	0.1265	
2	5.543	5.548	-0.005	1341272H	0.1726	0.1385	
						RPD = 9.07	
3 1,2-Dibromo-3-Chloropropane							Ma
1	7.108	7.093	0.015	3144783H	0.3500	0.2098	M
2	8.415	8.388	0.027	9078701H	0.3500	0.2870	
						RPD = 31.10	

QC Flag Legend

Processing Flags
H - Response Measured by Height
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

GCS_EDB1_00014 Amount Added: 1.00 Units: mL

Report Date: 15-May-2024 07:12:48 Chrom Revision: 2.3 01-May-2024 15:52:26

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\43EDBW24135001.004.D

Injection Date: 14-May-2024 12:55:00 Instrument ID: 19846

Lims ID: ic

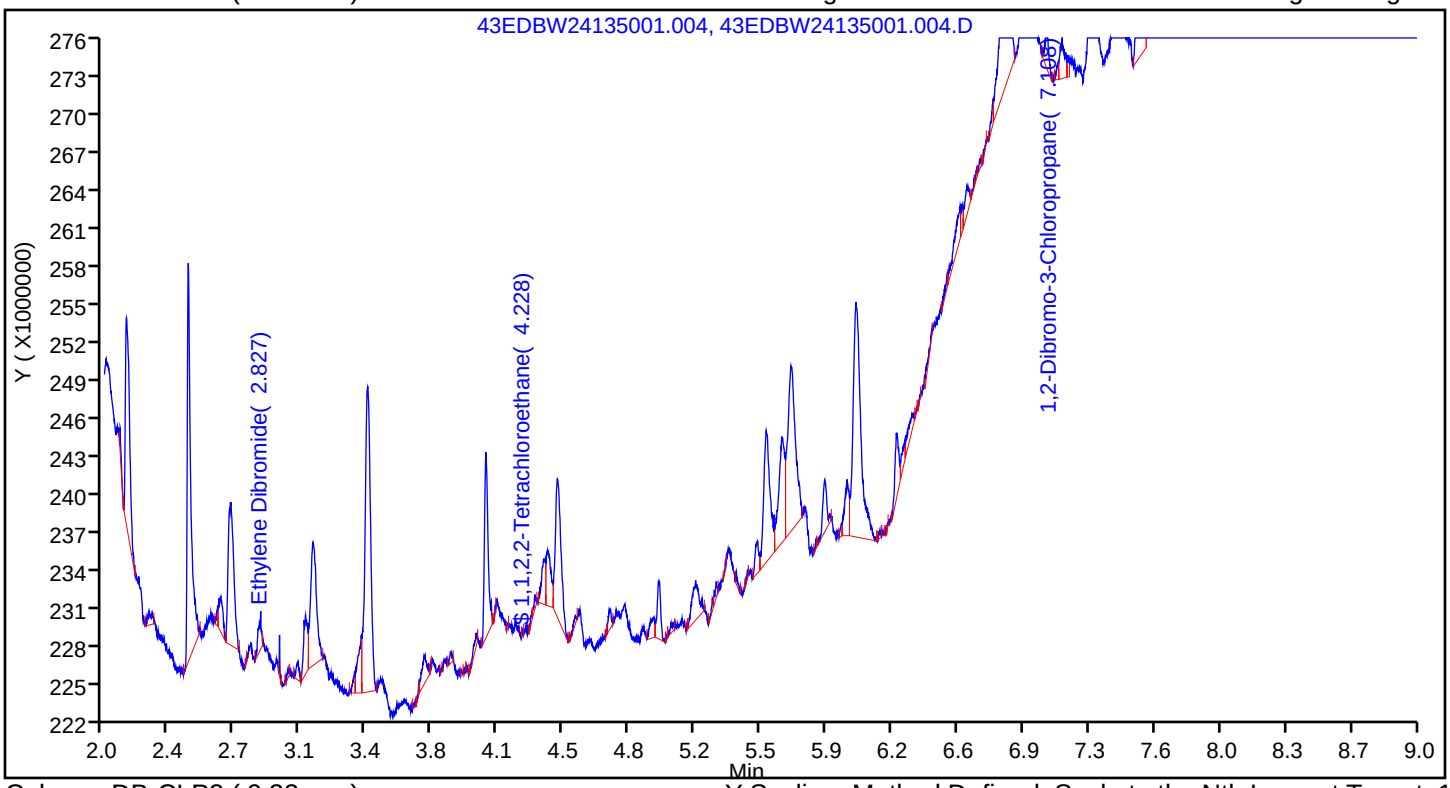
Client ID:

Operator ID: 120 ALS Bottle#: 0 Worklist Smp#: 4

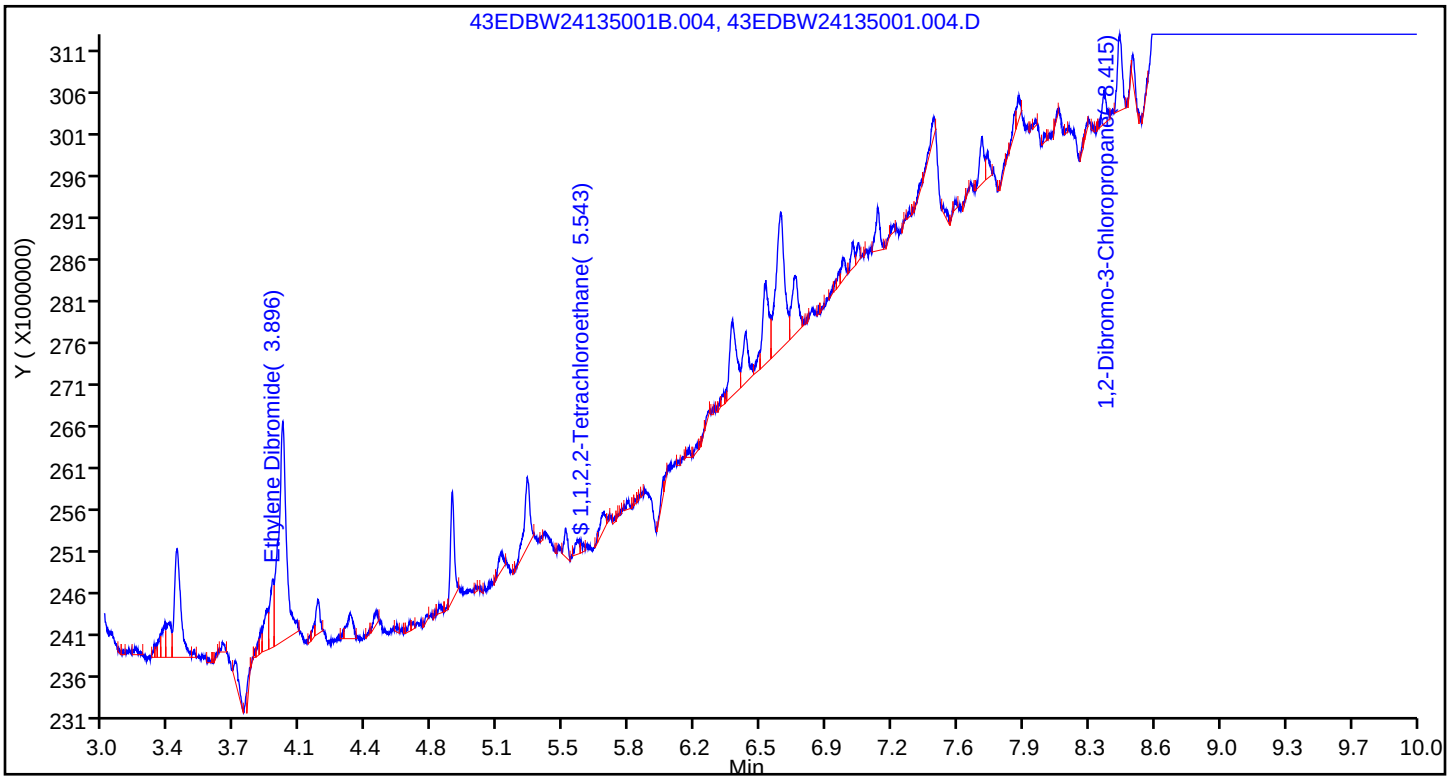
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846 Limit Group: GCSV - 8011 Waters

Column: DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\43EDBW24135001.005.D
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 14-May-2024 13:12:00 ALS Bottle#: 0 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: ic
Operator ID: 120 Instrument ID: 19846
Sublist: chrom-8011_19846*sub2

Method: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\8011_19846.m
Limit Group: GCSV - 8011 Waters
Last Update: 15-May-2024 07:12:48 Calib Date: 14-May-2024 14:21:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\43EDBW24135001.009.D

Column 1 : DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1682

First Level Reviewer: URS0 Date: 15-May-2024 07:00:18

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	2.803	2.804	-0.001	13188315H	0.6269	0.7211	
2	3.882	3.883	-0.001	13556729H	0.6269	0.6592	
						RPD = 8.98	
$ 2 1,1,2,2-Tetrachloroethane							
1	4.249	4.248	0.001	6743947H	0.3081	0.3695	
2	5.547	5.548	-0.001	6217915H	0.3081	0.3477	
						RPD = 6.06	
3 1,2-Dibromo-3-Chloropropane							
1	7.093	7.093	0.000	27675929H	0.6250	0.7502	
2	8.389	8.388	0.001	22771423H	0.6250	0.6769	
						RPD = 10.27	

QC Flag Legend

Processing Flags
H - Response Measured by Height

Reagents:

GCS_EDB2_00014 Amount Added: 1.00 Units: mL

Report Date: 15-May-2024 07:12:49 Chrom Revision: 2.3 01-May-2024 15:52:26

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\43EDBW24135001.005.D

Injection Date: 14-May-2024 13:12:00 Instrument ID: 19846

Lims ID: ic

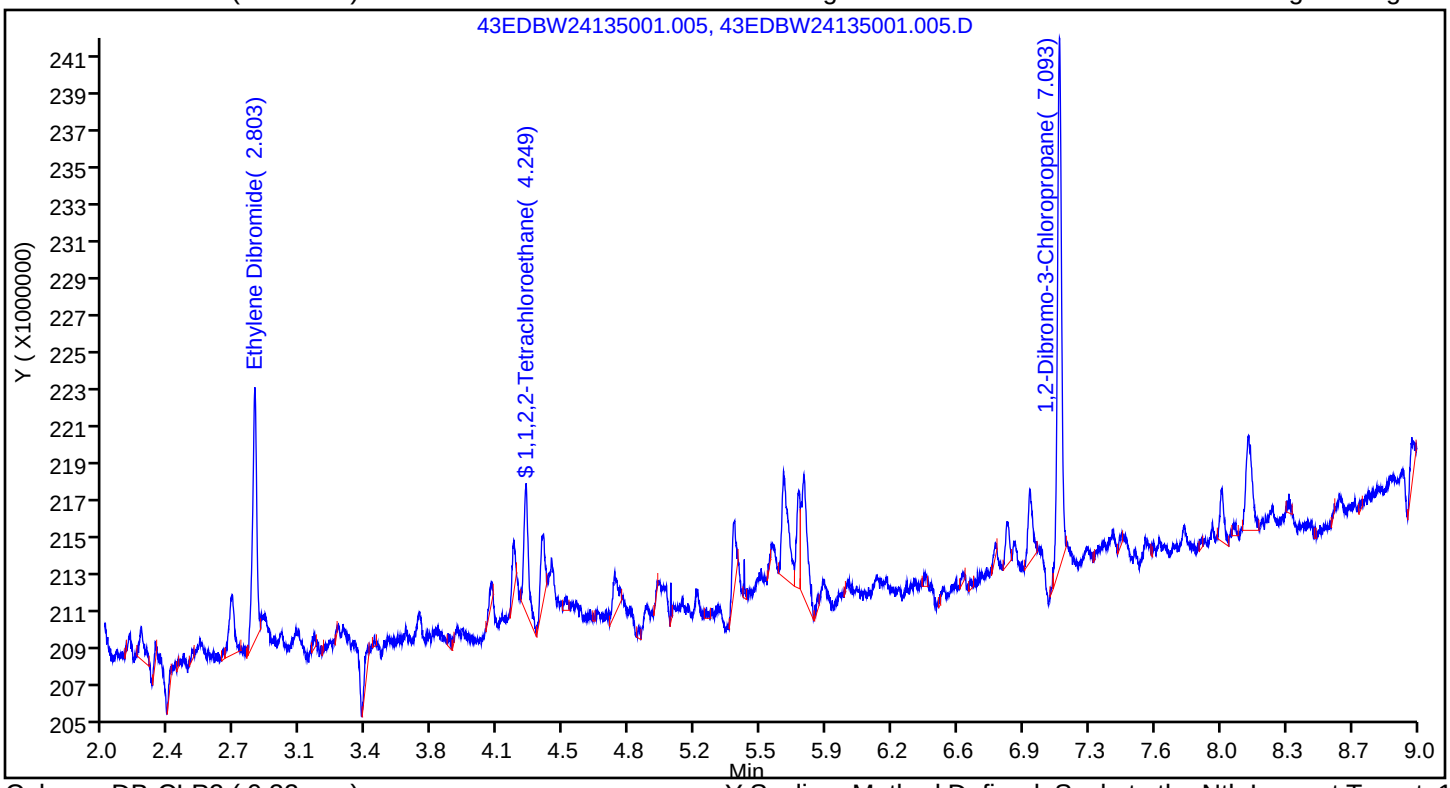
Client ID:

Operator ID: 120 ALS Bottle#: 0 Worklist Smp#: 5

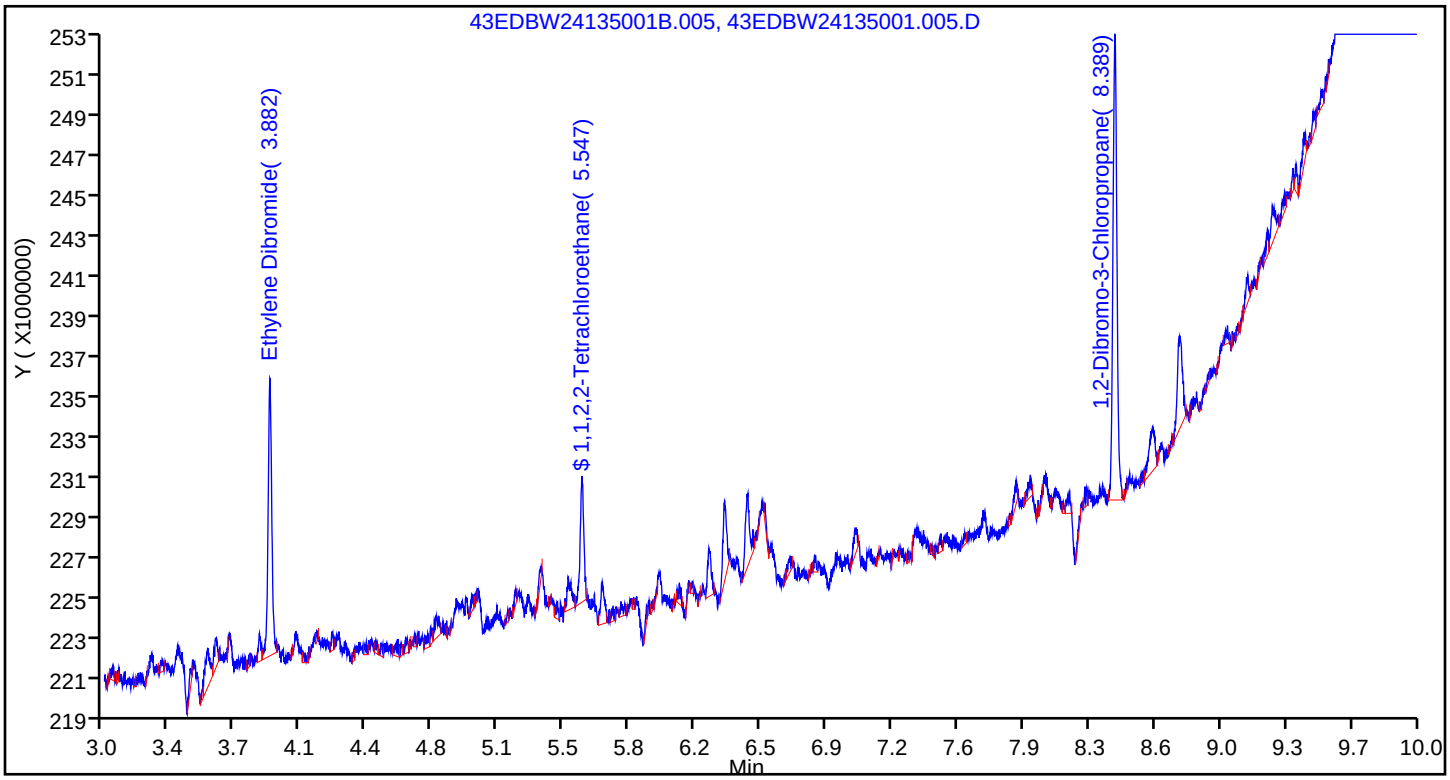
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846 Limit Group: GCSV - 8011 Waters

Column: DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\43EDBW24135001.006.D
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 14-May-2024 13:29:00 ALS Bottle#: 0 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: ic
Operator ID: 120 Instrument ID: 19846
Sublist: chrom-8011_19846*sub2

Method: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\8011_19846.m
Limit Group: GCSV - 8011 Waters
Last Update: 15-May-2024 07:12:50 Calib Date: 14-May-2024 14:21:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\43EDBW24135001.009.D

Column 1 : DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1682

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	2.803	2.803	0.000	25283948H	1.25	1.24	
2	3.883	3.883	0.000	25472899H	1.25	1.24	
						RPD = 0.29	
$ 2 1,1,2,2-Tetrachloroethane							
1	4.248	4.248	0.000	12695066H	0.6163	0.6094	
2	5.548	5.548	0.000	12251421H	0.6163	0.6155	
						RPD = 1.00	
3 1,2-Dibromo-3-Chloropropane							
1	7.094	7.094	0.000	52032361H	1.25	1.31	
2	8.390	8.390	0.000	43342661H	1.25	1.28	
						RPD = 2.22	

Reagents:

GCS_EDB3_00015 Amount Added: 1.00 Units: mL

Report Date: 15-May-2024 07:12:50 Chrom Revision: 2.3 01-May-2024 15:52:26

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\43EDBW24135001.006.D

Injection Date: 14-May-2024 13:29:00 Instrument ID: 19846

Lims ID: ic

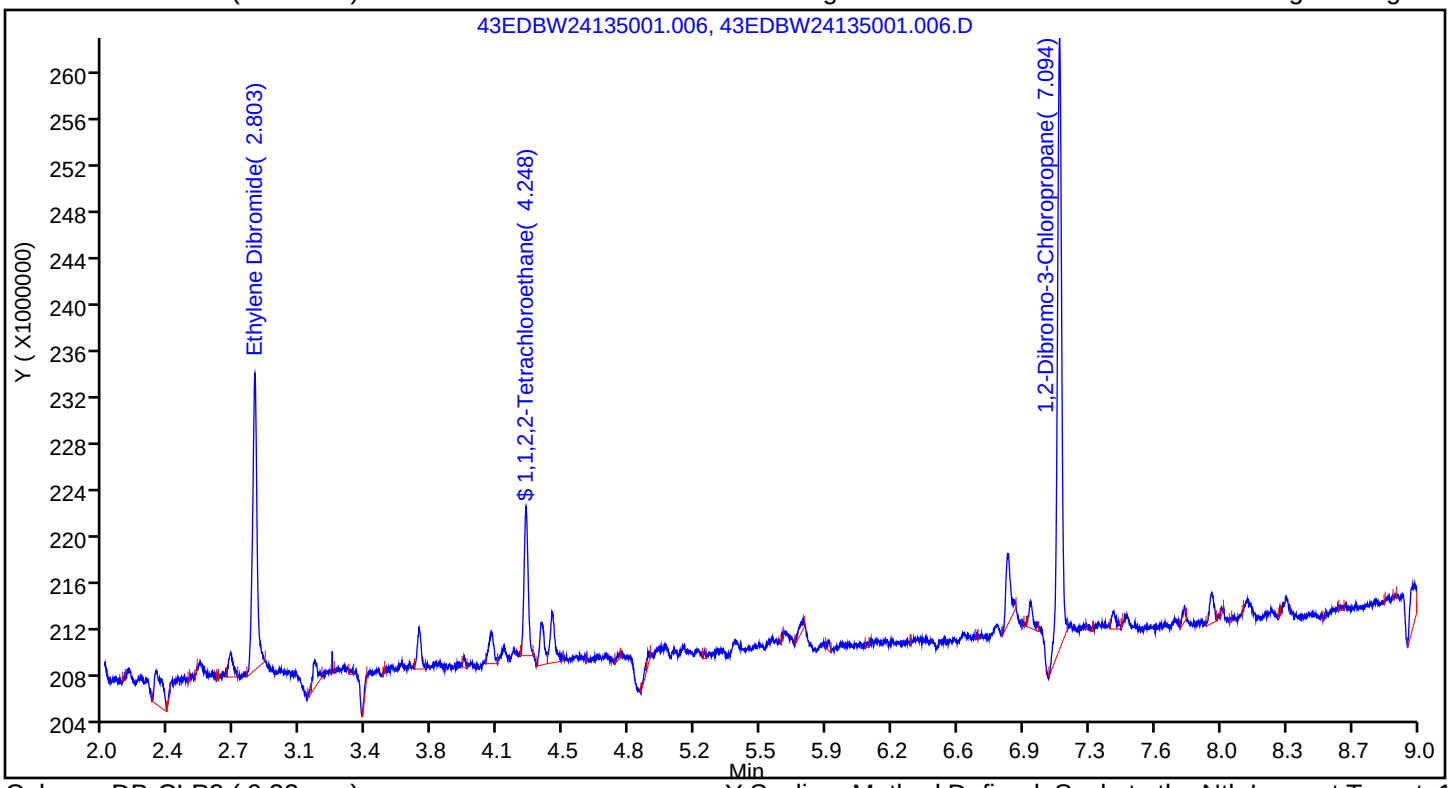
Client ID:

Operator ID: 120 ALS Bottle#: 0 Worklist Smp#: 6

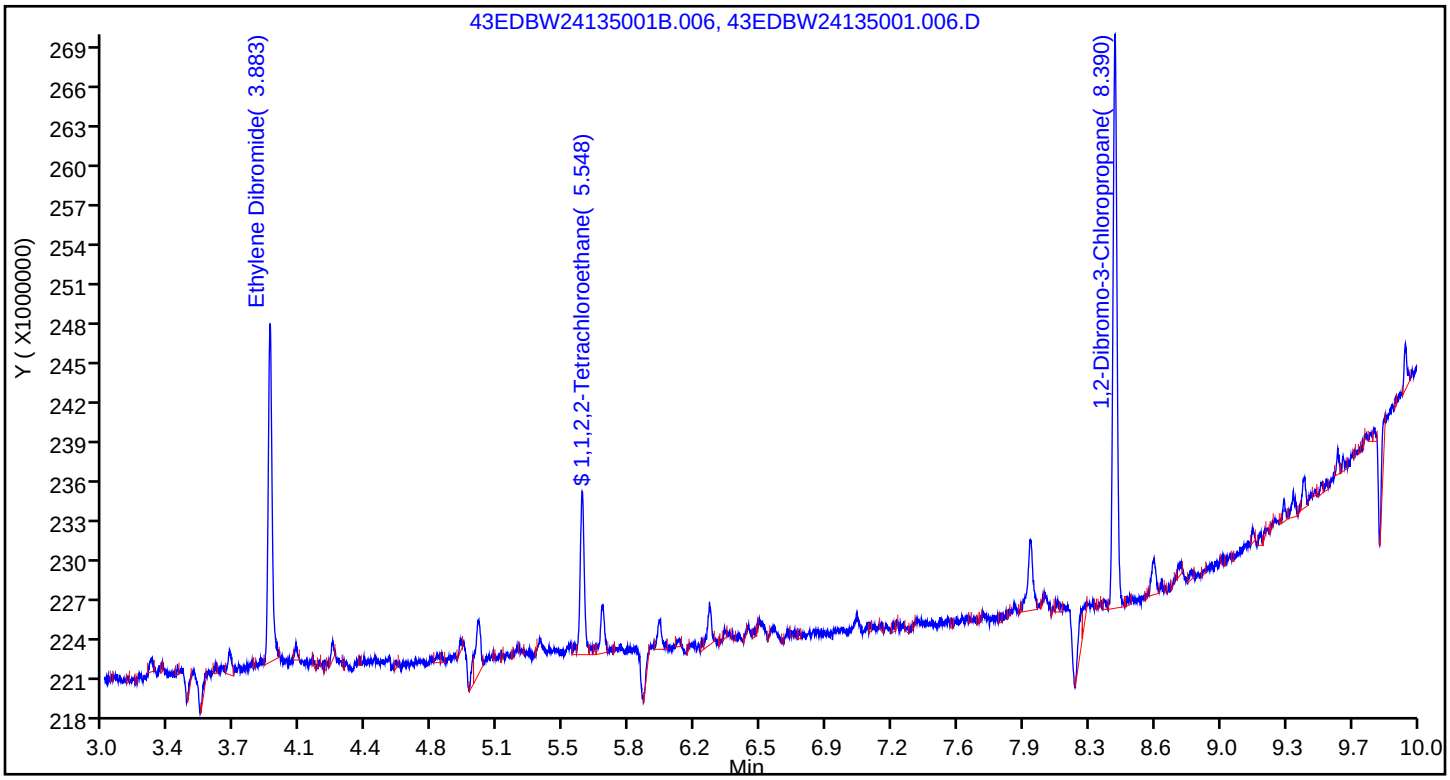
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846 Limit Group: GCSV - 8011 Waters

Column: DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\43EDBW24135001.007.D
Lims ID: icrt
Client ID:
Sample Type: ICRT Calib Level: 4
Inject. Date: 14-May-2024 13:46:00 ALS Bottle#: 0 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: icrt
Operator ID: 120 Instrument ID: 19846
Sublist: chrom-8011_19846*sub2

Method: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\8011_19846.m
Limit Group: GCSV - 8011 Waters
Last Update: 15-May-2024 07:12:51 Calib Date: 14-May-2024 14:21:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\43EDBW24135001.009.D

Column 1 : DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1682

First Level Reviewer: URS0 Date: 15-May-2024 07:04:36

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	2.804	2.804	0.000	53210540H	2.51	2.52	
2	3.883	3.883	0.000	51716630H	2.51	2.51	
						RPD = 0.24	
$ 2 1,1,2,2-Tetrachloroethane							
1	4.248	4.248	0.000	26804265H	1.23	1.22	
2	5.548	5.548	0.000	25272615H	1.23	1.23	
						RPD = 0.91	
3 1,2-Dibromo-3-Chloropropane							
1	7.093	7.093	0.000	99433562H	2.50	2.48	
2	8.388	8.388	0.000	82091066H	2.50	2.49	
						RPD = 0.42	

QC Flag Legend

Processing Flags
H - Response Measured by Height

Reagents:

GCS_EDB4_00031 Amount Added: 1.00 Units: mL

Report Date: 15-May-2024 07:12:52 Chrom Revision: 2.3 01-May-2024 15:52:26

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\43EDBW24135001.007.D

Injection Date: 14-May-2024 13:46:00 Instrument ID: 19846

Lims ID: icrt

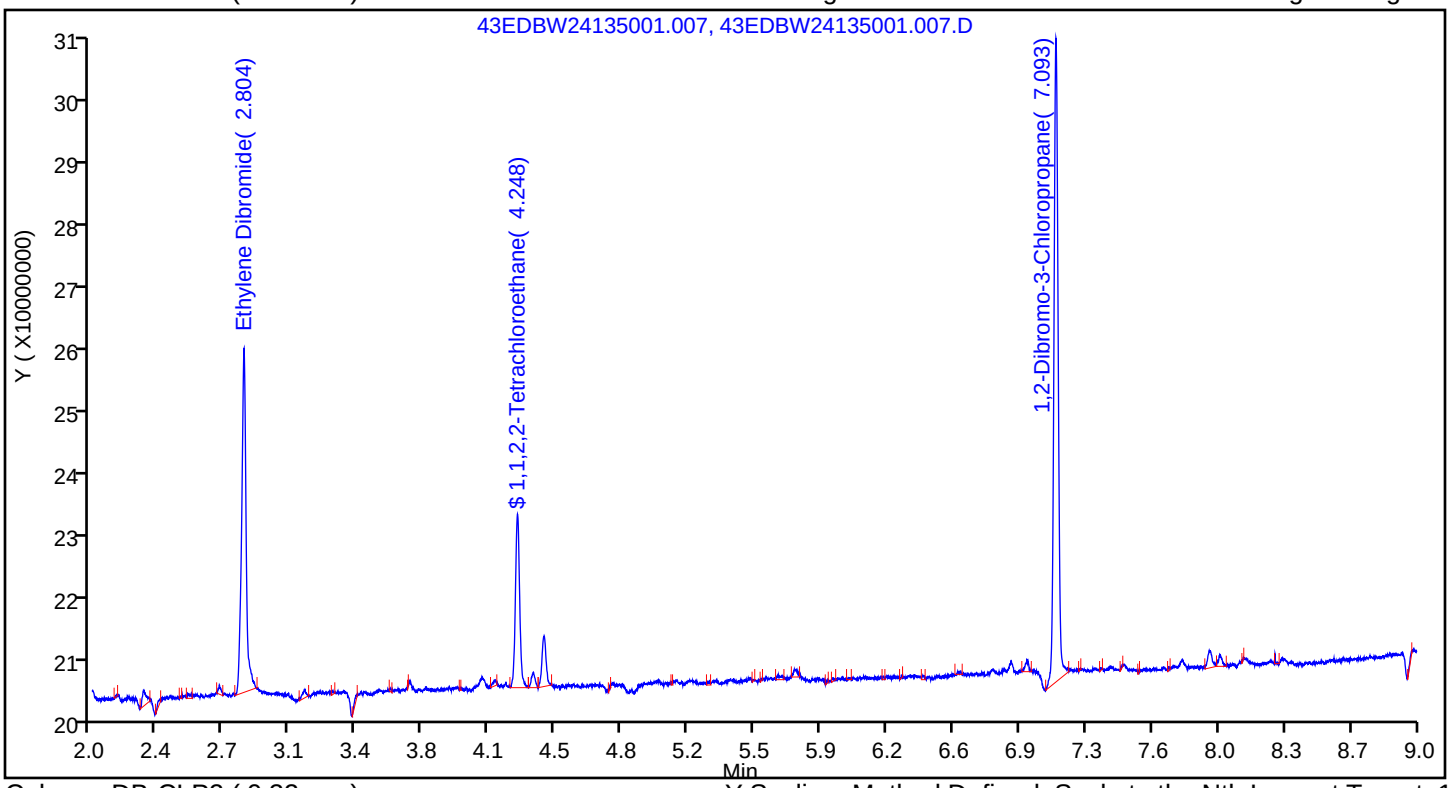
Client ID:

Operator ID: 120 ALS Bottle#: 0 Worklist Smp#: 7

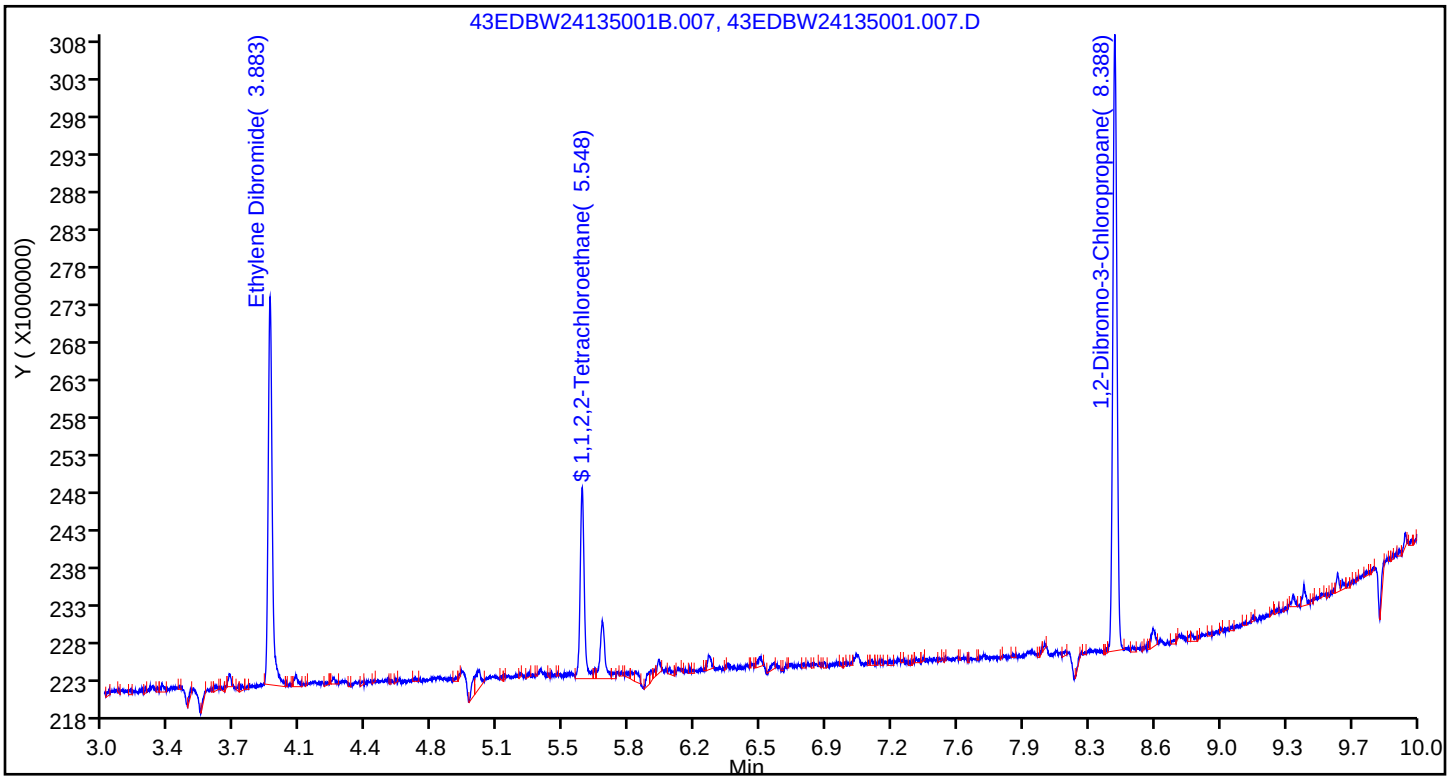
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846 Limit Group: GCSV - 8011 Waters

Column: DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\43EDBW24135001.008.D
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 14-May-2024 14:04:00 ALS Bottle#: 0 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: ic
Operator ID: 120 Instrument ID: 19846
Sublist: chrom-8011_19846*sub2

Method: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\8011_19846.m
Limit Group: GCSV - 8011 Waters
Last Update: 15-May-2024 07:12:53 Calib Date: 14-May-2024 14:21:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\43EDBW24135001.009.D

Column 1 : DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1682

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	2.803	2.804	-0.001	87346439H	4.39	4.36	
2	3.883	3.883	0.000	87184170H	4.39	4.24	
						RPD = 2.77	
$ 2 1,1,2,2-Tetrachloroethane							
1	4.248	4.248	0.000	45380733H	2.16	2.16	
2	5.547	5.548	-0.001	42245905H	2.16	2.15	
						RPD = 0.59	
3 1,2-Dibromo-3-Chloropropane							
1	7.093	7.093	0.000	163890974H	4.38	4.31	
2	8.389	8.388	0.001	135076036H	4.38	4.35	
						RPD = 0.75	

Reagents:

GCS_EDB5_00016 Amount Added: 1.00 Units: mL

Report Date: 15-May-2024 07:12:54 Chrom Revision: 2.3 01-May-2024 15:52:26

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\43EDBW24135001.008.D

Injection Date: 14-May-2024 14:04:00 Instrument ID: 19846

Lims ID: ic

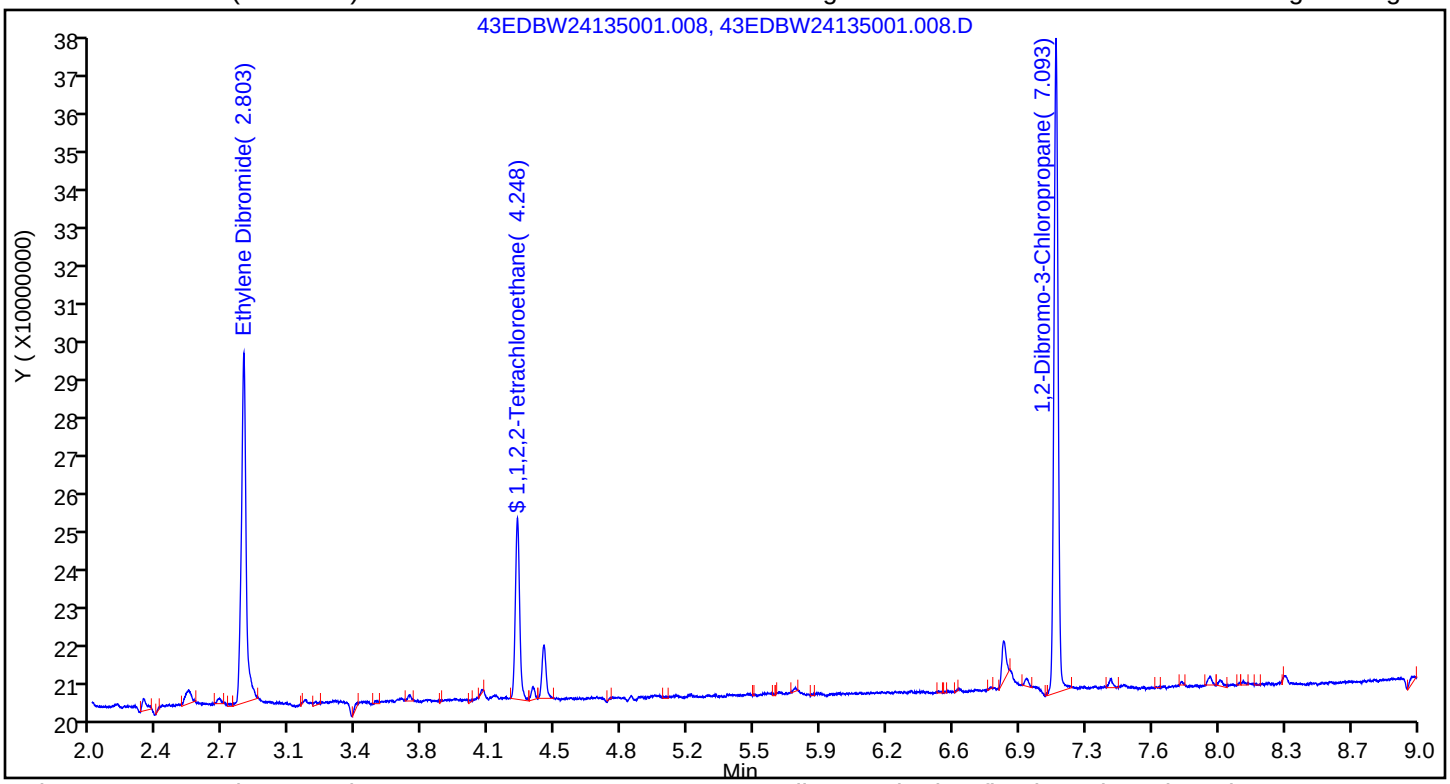
Client ID:

Operator ID: 120 ALS Bottle#: 0 Worklist Smp#: 8

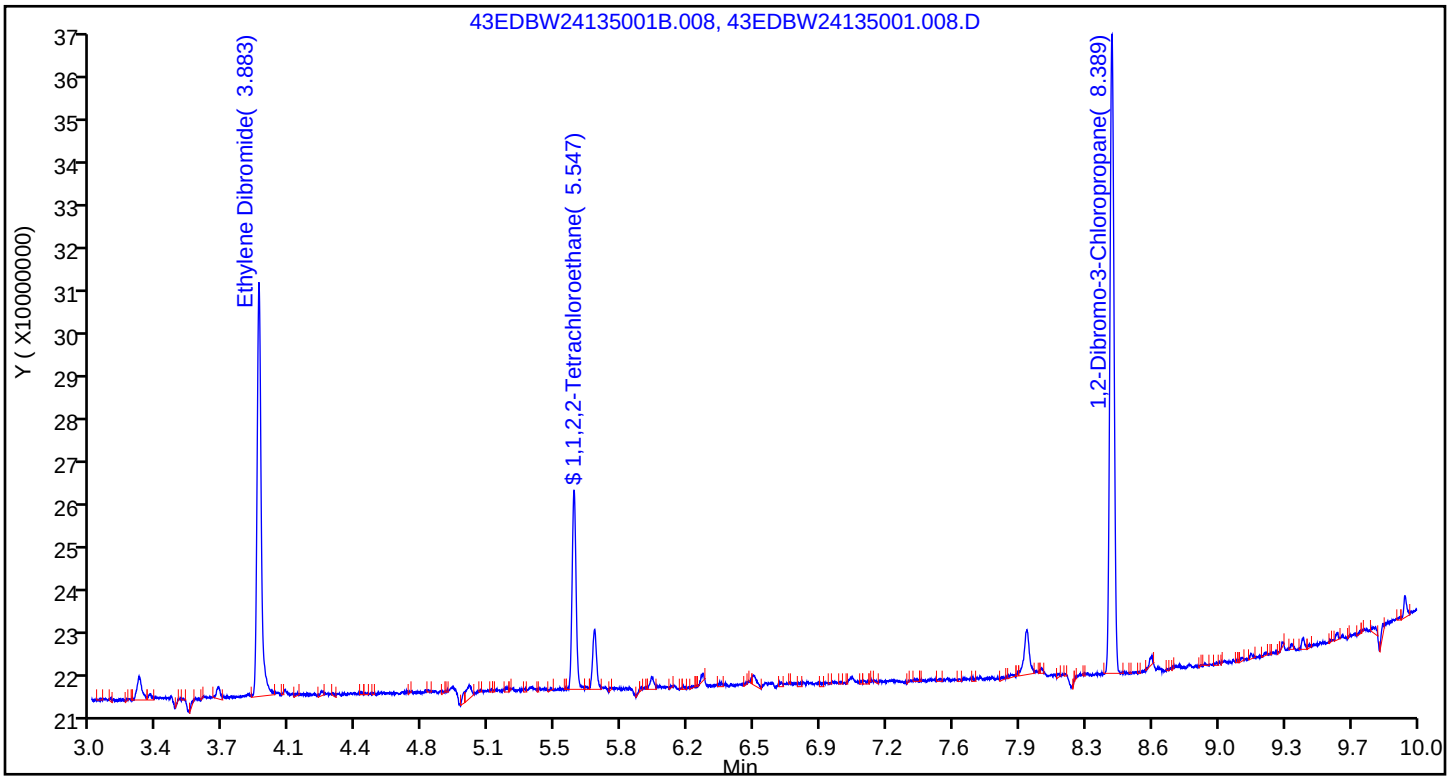
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846 Limit Group: GCSV - 8011 Waters

Column: DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\43EDBW24135001.009.D
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 14-May-2024 14:21:00 ALS Bottle#: 0 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: ic
Operator ID: 120 Instrument ID: 19846
Sublist: chrom-8011_19846*sub2

Method: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\8011_19846.m
Limit Group: GCSV - 8011 Waters
Last Update: 15-May-2024 07:12:55 Calib Date: 14-May-2024 14:21:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\43EDBW24135001.009.D

Column 1 : DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1682

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	2.800	2.804	-0.004	115809692H	6.27	6.28	
2	3.881	3.883	-0.002	115345785H	6.27	5.61	
						RPD = 11.37	
$ 2 1,1,2,2-Tetrachloroethane							
1	4.246	4.248	-0.002	60140712H	3.08	3.08	
2	5.546	5.548	-0.002	56899516H	3.08	3.09	
						RPD = 0.15	
3 1,2-Dibromo-3-Chloropropane							
1	7.093	7.093	0.000	220249555H	6.25	6.29	
2	8.388	8.388	0.000	181908547H	6.25	6.27	
						RPD = 0.33	

Reagents:

GCS_EDB6_00014 Amount Added: 1.00 Units: mL

Report Date: 15-May-2024 07:12:55 Chrom Revision: 2.3 01-May-2024 15:52:26

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\43EDBW24135001.009.D

Injection Date: 14-May-2024 14:21:00 Instrument ID: 19846

Lims ID: ic

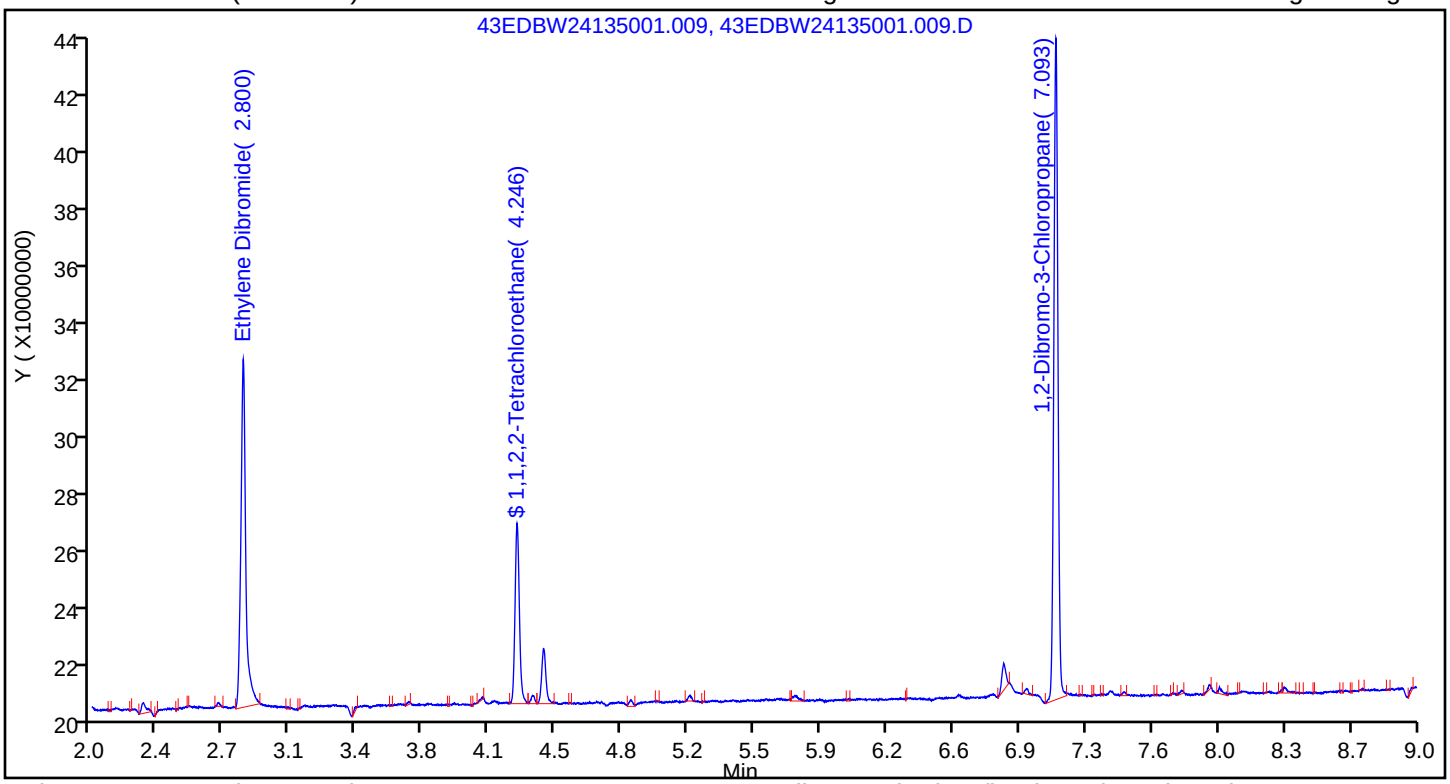
Client ID:

Operator ID: 120 ALS Bottle#: 0 Worklist Smp#: 9

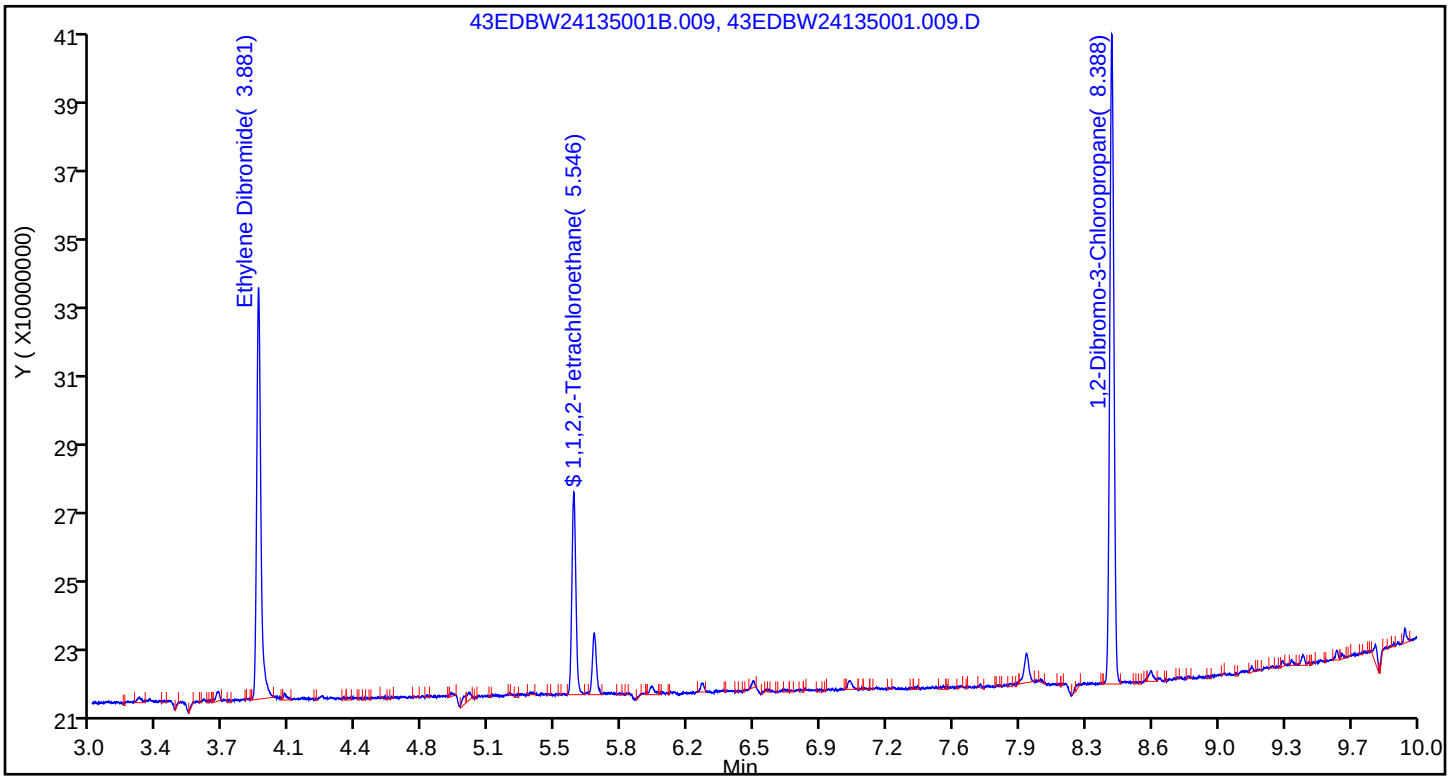
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846 Limit Group: GCSV - 8011 Waters

Column: DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Calibration / Ethylene Dibromide

Curve Type:	Quadratic
Weighting:	None
Origin:	None
Dependency:	Response
Calib Mode:	ESTD
Response Base:	HEIGHT
RF Rounding:	0

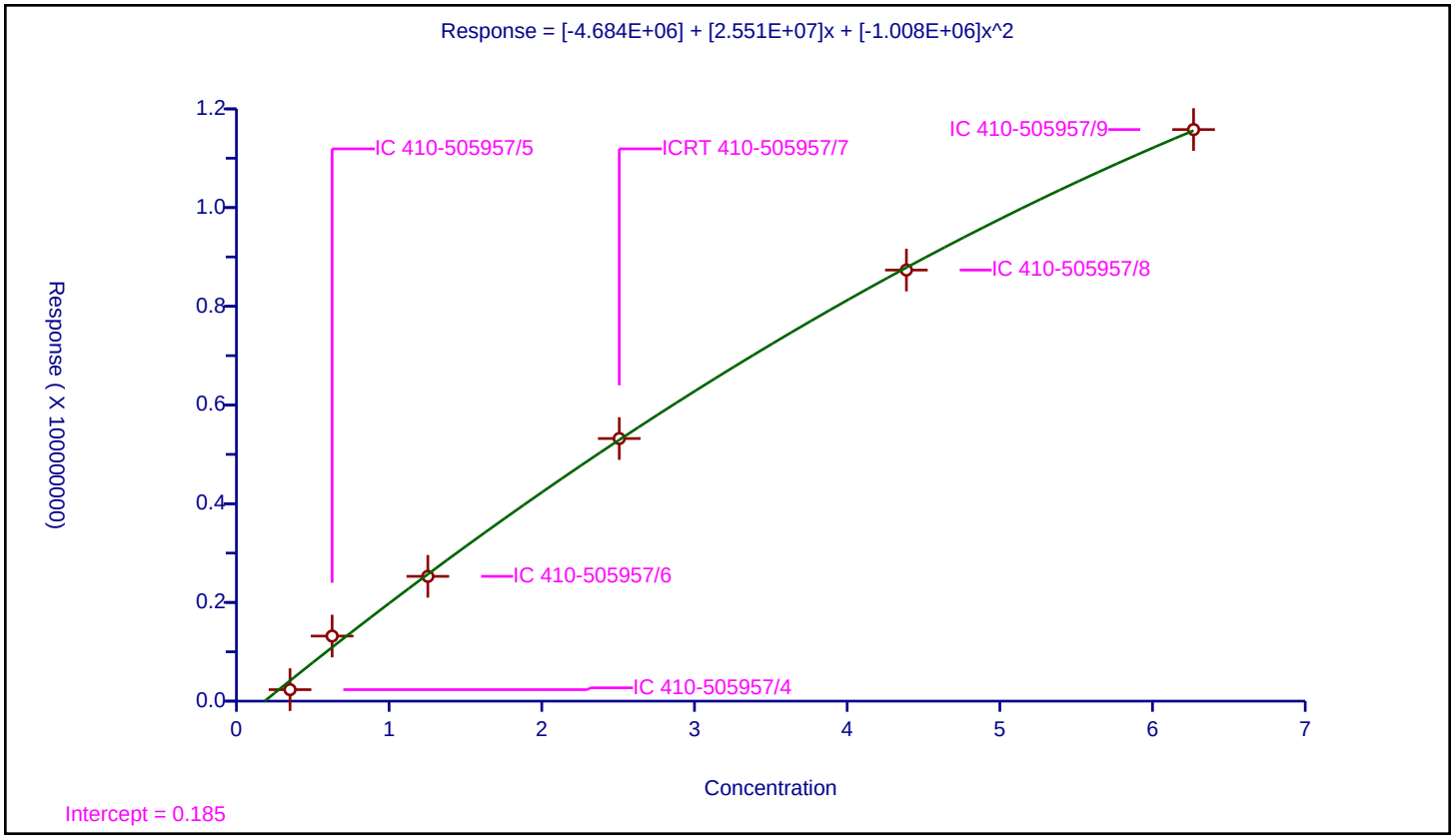
Curve Coefficients

Intercept:	-4.684E+06
Slope:	2.551E+07
Second Order:	-1.008E+06

Error Coefficients

Relative Standard Deviation:	14.9

ID	Level	Concentration	Response	IS Amount	IS Response	RF	Used
1	IC 410-505957/4	0.35105	2329276.0			6635168.779376	Y
2	IC 410-505957/5	0.626875	13188315.0			21038189.431705	Y
3	IC 410-505957/6	1.25375	25283948.0			20166658.424726	Y
4	ICRT 410-505957/7	2.5075	53210540.0			21220554.336989	Y
5	IC 410-505957/8	4.388125	87346439.0			19905184.788492	Y
6	IC 410-505957/9	6.26875	115809692.0			18474128.334995	Y



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Calibration / 1,1,2,2-Tetrachloroethane

Curve Type:	Quadratic
Weighting:	None
Origin:	None
Dependency:	Response
Calib Mode:	ESTD
Response Base:	HEIGHT
RF Rounding:	0

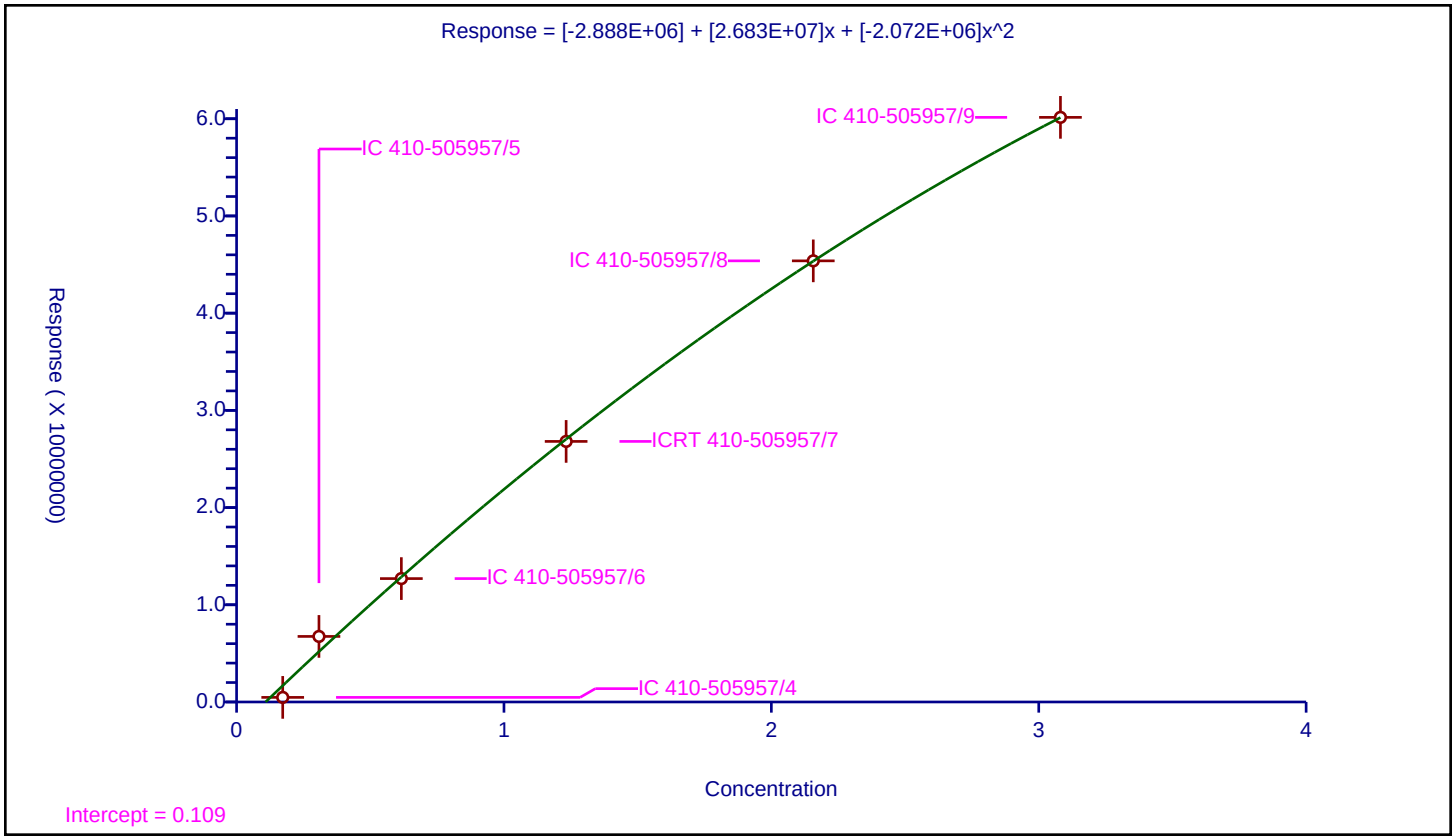
Curve Coefficients

Intercept:	-2.888E+06
Slope:	2.683E+07
Second Order:	-2.072E+06

Error Coefficients

Relative Standard Deviation:	19.2

ID	Level	Concentration	Response	IS Amount	IS Response	RF	Used
1	IC 410-505957/4	0.17255	474342.0			2749011.880614	Y
2	IC 410-505957/5	0.308125	6743947.0			21887049.087221	Y
3	IC 410-505957/6	0.61625	12695066.0			20600512.778905	Y
4	ICRT 410-505957/7	1.2325	26804265.0			21747882.352941	Y
5	IC 410-505957/8	2.156875	45380733.0			21040038.4816	Y
6	IC 410-505957/9	3.08125	60140712.0			19518283.813387	Y



Calibration / 1,2-Dibromo-3-Chloropropane

Curve Type:	Quadratic
Weighting:	None
Origin:	None
Dependency:	Response
Calib Mode:	ESTD
Response Base:	HEIGHT
RF Rounding:	0

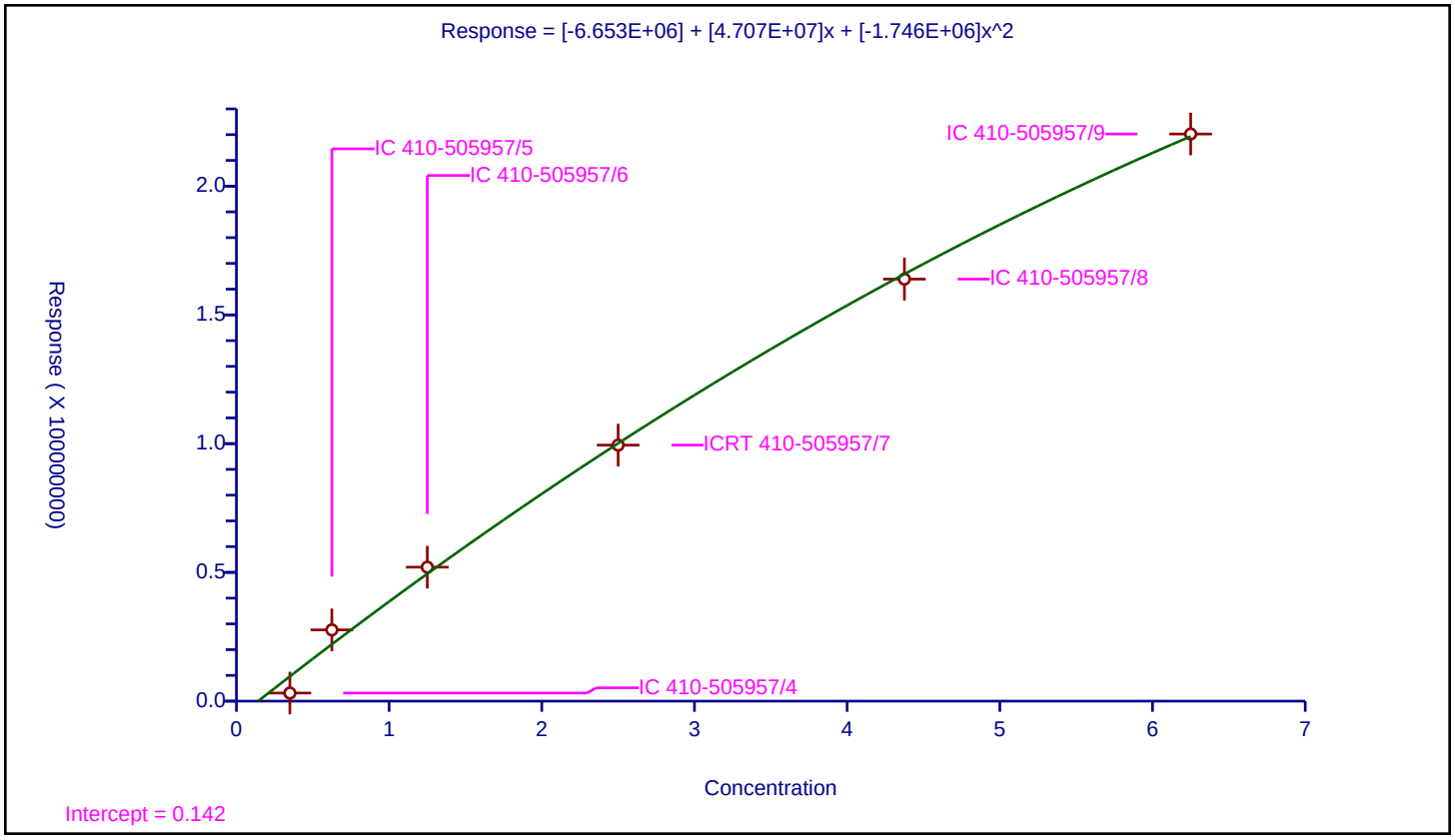
Curve Coefficients

Intercept:	-6.653E+06
Slope:	4.707E+07
Second Order:	-1.746E+06

Error Coefficients

Relative Standard Deviation:	26.0

ID	Level	Concentration	Response	IS Amount	IS Response	RF	Used
1	IC 410-505957/4	0.35	3144783.0			8985094.285714	Y
2	IC 410-505957/5	0.625	27675929.0			44281486.4	Y
3	IC 410-505957/6	1.25	52032361.0			41625888.8	Y
4	ICRT 410-505957/7	2.5	99433562.0			39773424.8	Y
5	IC 410-505957/8	4.375	163890974.0			37460794.057143	Y
6	IC 410-505957/9	6.25	220249555.0			35239928.8	Y



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FORM VI
GC SEMI VOA BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
RETENTION TIME SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-303245-1 Analy Batch No.: 505957

SDG No.:

Instrument ID: 19846 GC Column: DB CLP2 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/14/2024 12:55 Calibration End Date: 05/14/2024 14:21 Calibration ID: 61656

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-505957/4	43EDBW24135001.004.D
Level 2	IC 410-505957/5	43EDBW24135001.005.D
Level 3	IC 410-505957/6	43EDBW24135001.006.D
Level 4	ICRT 410-505957/7	43EDBW24135001.007.D
Level 5	IC 410-505957/8	43EDBW24135001.008.D
Level 6	IC 410-505957/9	43EDBW24135001.009.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
1,2-Dibromoethane	3.896	3.882	3.883	3.883	3.883	3.881					3.853 - 3.913	3.885
1,2-Dibromo-3-Chloropropane	8.415	8.389	8.390	8.388	8.389	8.388					8.358 - 8.418	8.393
1,1,2,2-Tetrachloroethane (Surr)	5.543	5.547	5.548	5.548	5.547	5.546					5.518 - 5.578	5.547

FORM VI
GC SEMI VOA BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-303245-1 Analy Batch No.: 505957

SDG No.:

Instrument ID: 19846 GC Column: DB CLP2 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/14/2024 12:55 Calibration End Date: 05/14/2024 14:21 Calibration ID: 61656

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-505957/4	43EDBW24135001.004.D
Level 2	IC 410-505957/5	43EDBW24135001.005.D
Level 3	IC 410-505957/6	43EDBW24135001.006.D
Level 4	ICRT 410-505957/7	43EDBW24135001.007.D
Level 5	IC 410-505957/8	43EDBW24135001.008.D
Level 6	IC 410-505957/9	43EDBW24135001.009.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
1,2-Dibromoethane	22562538 19868206	21625889 18400125	20317367	20624778	Ave		20566483. 7				7.0		10.0			
1,2-Dibromo-3-Chloropropane	25939146 30874523	36434277 29105368	34674129	32836426	Qua	-1218504. 0	36191753. 0	-1111759. 2						1.0000		0.9900
1,1,2,2-Tetrachloroethane (Surr)	7773237 19586626	20179846 18466374	19880602	20505164	Qua	-1966752. 8	24103979. 4	-1631374. 3						0.9990		0.9900

Note: The M1 coefficient is the same as Ave CF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC SEMI VOA BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-303245-1 Analy Batch No.: 505957

SDG No.:

Instrument ID: 19846 GC Column: DB CLP2 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/14/2024 12:55 Calibration End Date: 05/14/2024 14:21 Calibration ID: 61656

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-505957/4	43EDBW24135001.004.D
Level 2	IC 410-505957/5	43EDBW24135001.005.D
Level 3	IC 410-505957/6	43EDBW24135001.006.D
Level 4	ICRT 410-505957/7	43EDBW24135001.007.D
Level 5	IC 410-505957/8	43EDBW24135001.008.D
Level 6	IC 410-505957/9	43EDBW24135001.009.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,2-Dibromoethane	Ave	7920579 115345785	13556729	25472899	51716630	87184170	0.351 6.27	0.627	1.25	2.51	4.39
1,2-Dibromo-3-Chloropropane	Qua	9078701 181908547	22771423	43342661	82091066	135076036	0.350 6.25	0.625	1.25	2.50	4.38
1,1,2,2-Tetrachloroethane (Surr)	Qua	1341272 56899516	6217915	12251421	25272615	42245905	0.173 3.08	0.308	0.616	1.23	2.16

Curve Type Legend:

Ave = Average by Height
Qua = Quadratic by Height

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\43EDBW24135001.004.D
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 14-May-2024 12:55:00 ALS Bottle#: 0 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: ic
Operator ID: 120 Instrument ID: 19846
Sublist: chrom-8011_19846*sub2

Method: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\8011_19846.m
Limit Group: GCSV - 8011 Waters
Last Update: 15-May-2024 07:12:47 Calib Date: 14-May-2024 14:21:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\43EDBW24135001.009.D

Column 1 : DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1682

First Level Reviewer: URS0 Date: 15-May-2024 07:00:05

	Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1	Ethylene Dibromide							
	1	2.827	2.804	0.023	2329276H	0.3511	0.2780	
	2	3.896	3.883	0.013	7920579H	0.3511	0.3851	
							RPD = 32.32	
$ 2	1,1,2,2-Tetrachloroethane							
	1	4.228	4.248	-0.020	474342H	0.1726	0.1265	
	2	5.543	5.548	-0.005	1341272H	0.1726	0.1385	
							RPD = 9.07	
3	1,2-Dibromo-3-Chloropropane							Ma
	1	7.108	7.093	0.015	3144783H	0.3500	0.2098	M
	2	8.415	8.388	0.027	9078701H	0.3500	0.2870	
							RPD = 31.10	

QC Flag Legend

Processing Flags
H - Response Measured by Height
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

GCS_EDB1_00014 Amount Added: 1.00 Units: mL

Report Date: 15-May-2024 07:12:48 Chrom Revision: 2.3 01-May-2024 15:52:26

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\43EDBW24135001.004.D

Injection Date: 14-May-2024 12:55:00 Instrument ID: 19846

Lims ID: ic

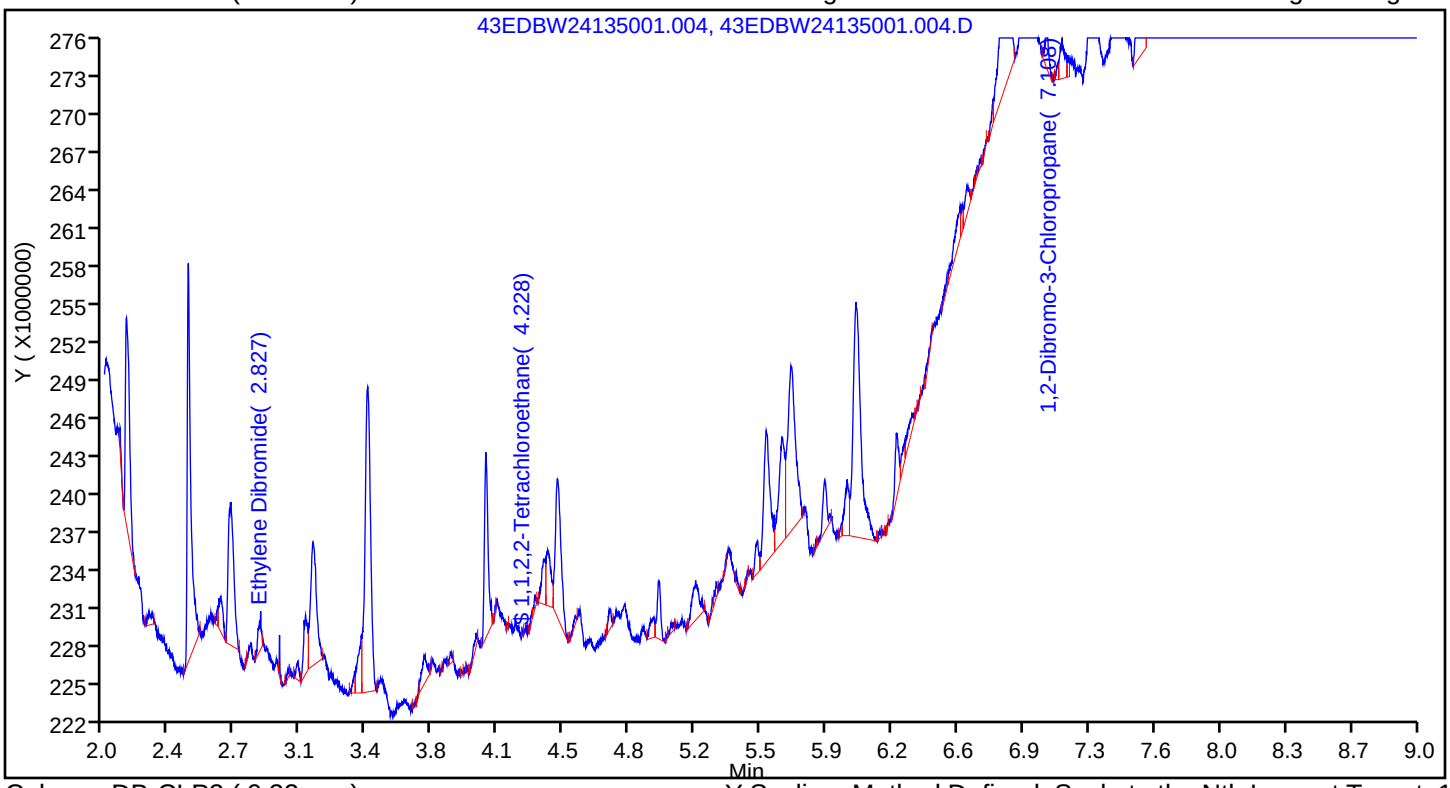
Client ID:

Operator ID: 120 ALS Bottle#: 0 Worklist Smp#: 4

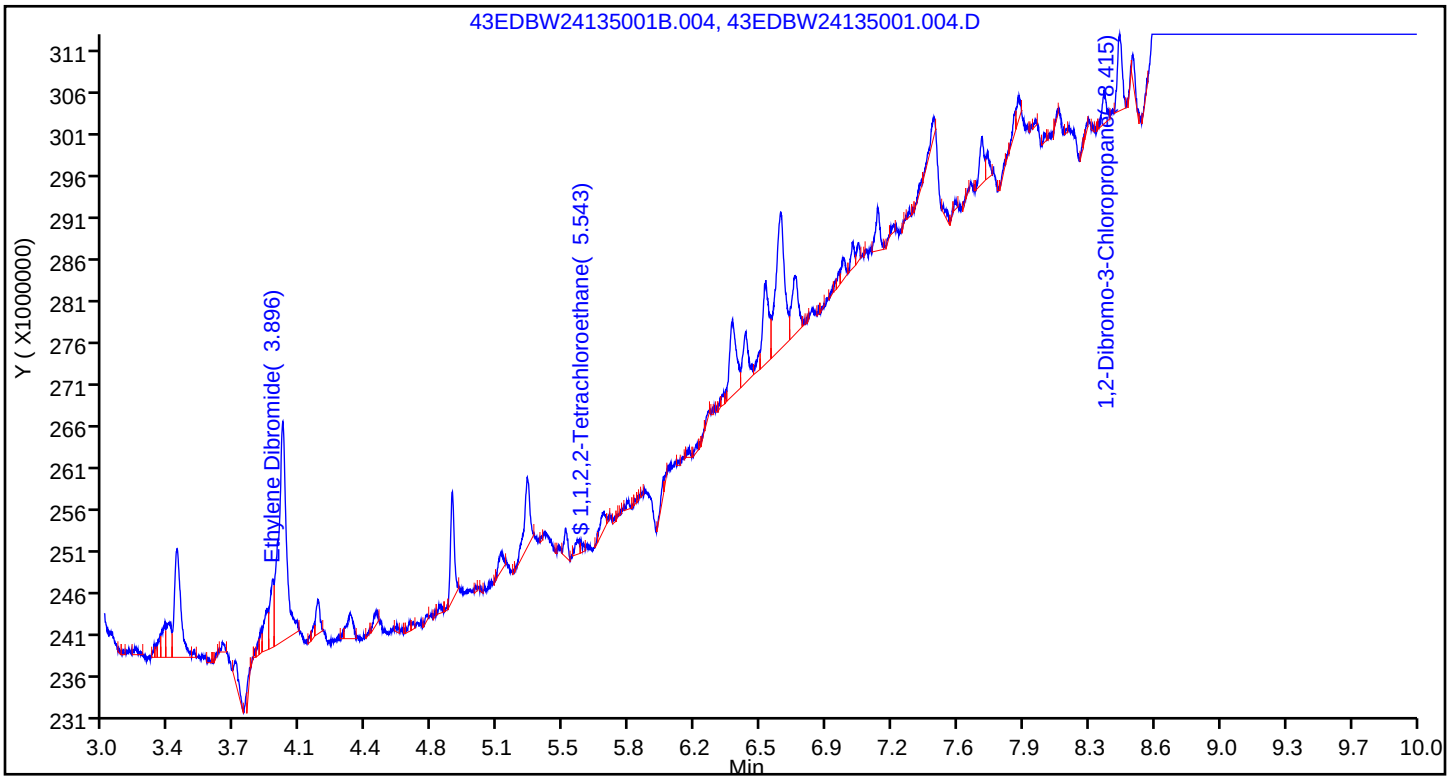
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846 Limit Group: GCSV - 8011 Waters

Column: DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\43EDBW24135001.005.D
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 14-May-2024 13:12:00 ALS Bottle#: 0 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: ic
Operator ID: 120 Instrument ID: 19846
Sublist: chrom-8011_19846*sub2

Method: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\8011_19846.m
Limit Group: GCSV - 8011 Waters
Last Update: 15-May-2024 07:12:48 Calib Date: 14-May-2024 14:21:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\43EDBW24135001.009.D

Column 1 : DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1682

First Level Reviewer: URS0 Date: 15-May-2024 07:00:18

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	2.803	2.804	-0.001	13188315H	0.6269	0.7211	
2	3.882	3.883	-0.001	13556729H	0.6269	0.6592	
						RPD = 8.98	
$ 2 1,1,2,2-Tetrachloroethane							
1	4.249	4.248	0.001	6743947H	0.3081	0.3695	
2	5.547	5.548	-0.001	6217915H	0.3081	0.3477	
						RPD = 6.06	
3 1,2-Dibromo-3-Chloropropane							
1	7.093	7.093	0.000	27675929H	0.6250	0.7502	
2	8.389	8.388	0.001	22771423H	0.6250	0.6769	
						RPD = 10.27	

QC Flag Legend

Processing Flags
H - Response Measured by Height

Reagents:

GCS_EDB2_00014 Amount Added: 1.00 Units: mL

Report Date: 15-May-2024 07:12:49 Chrom Revision: 2.3 01-May-2024 15:52:26

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\43EDBW24135001.005.D

Injection Date: 14-May-2024 13:12:00 Instrument ID: 19846

Lims ID: ic

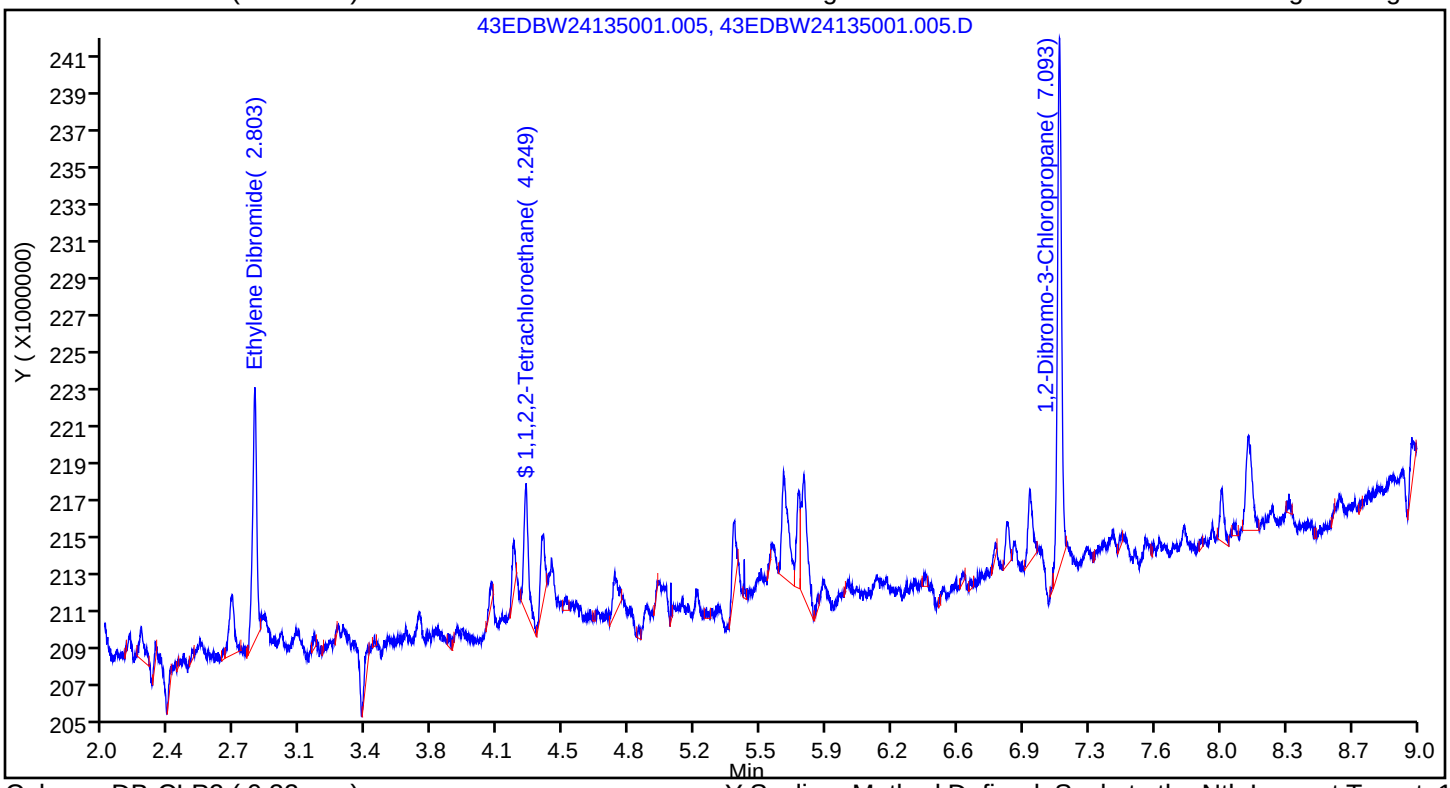
Client ID:

Operator ID: 120 ALS Bottle#: 0 Worklist Smp#: 5

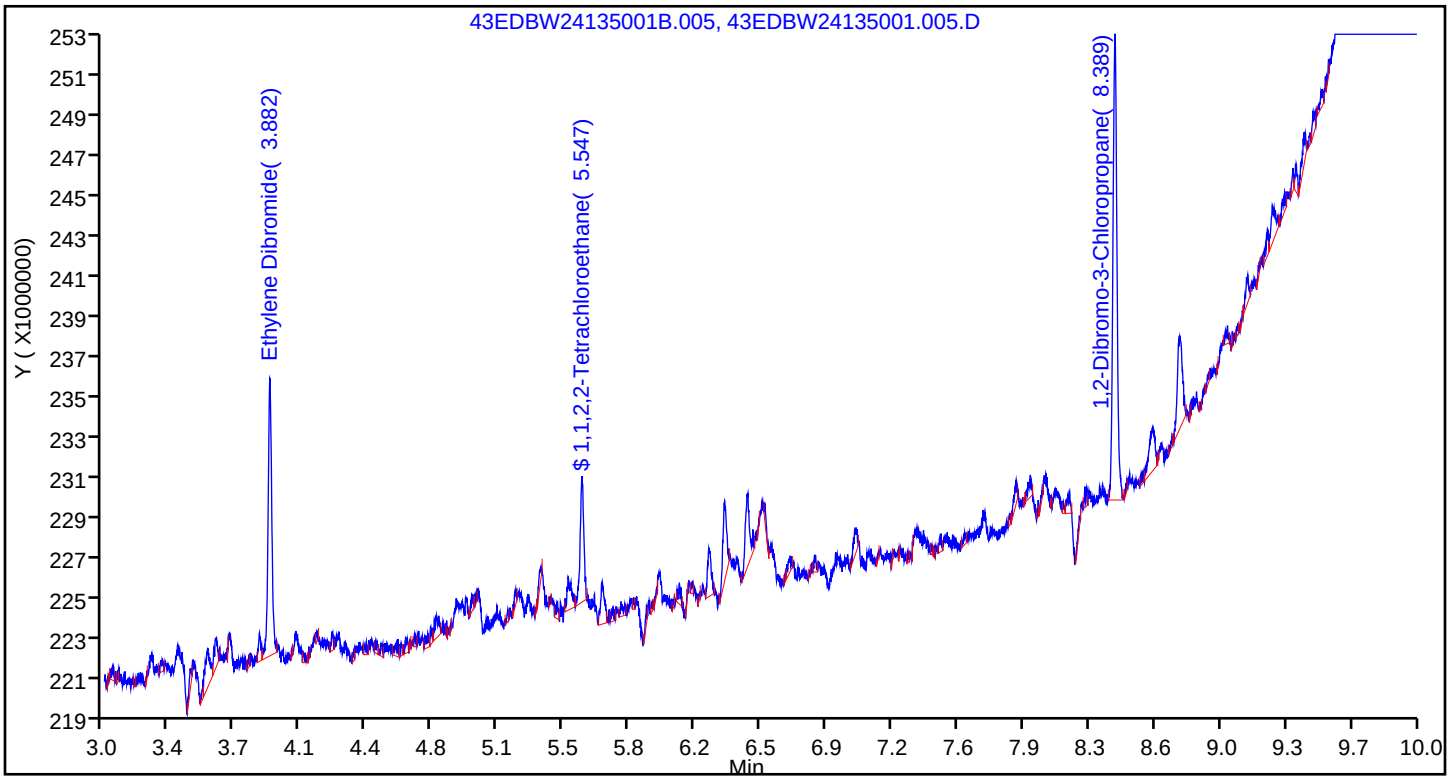
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846 Limit Group: GCSV - 8011 Waters

Column: DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\43EDBW24135001.006.D
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 14-May-2024 13:29:00 ALS Bottle#: 0 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: ic
Operator ID: 120 Instrument ID: 19846
Sublist: chrom-8011_19846*sub2

Method: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\8011_19846.m
Limit Group: GCSV - 8011 Waters
Last Update: 15-May-2024 07:12:50 Calib Date: 14-May-2024 14:21:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\43EDBW24135001.009.D

Column 1 : DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1682

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	2.803	2.803	0.000	25283948H	1.25	1.24	
2	3.883	3.883	0.000	25472899H	1.25	1.24	
						RPD = 0.29	
$ 2 1,1,2,2-Tetrachloroethane							
1	4.248	4.248	0.000	12695066H	0.6163	0.6094	
2	5.548	5.548	0.000	12251421H	0.6163	0.6155	
						RPD = 1.00	
3 1,2-Dibromo-3-Chloropropane							
1	7.094	7.094	0.000	52032361H	1.25	1.31	
2	8.390	8.390	0.000	43342661H	1.25	1.28	
						RPD = 2.22	

Reagents:

GCS_EDB3_00015 Amount Added: 1.00 Units: mL

Report Date: 15-May-2024 07:12:51 Chrom Revision: 2.3 01-May-2024 15:52:26

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\43EDBW24135001.006.D

Injection Date: 14-May-2024 13:29:00 Instrument ID: 19846

Lims ID: ic

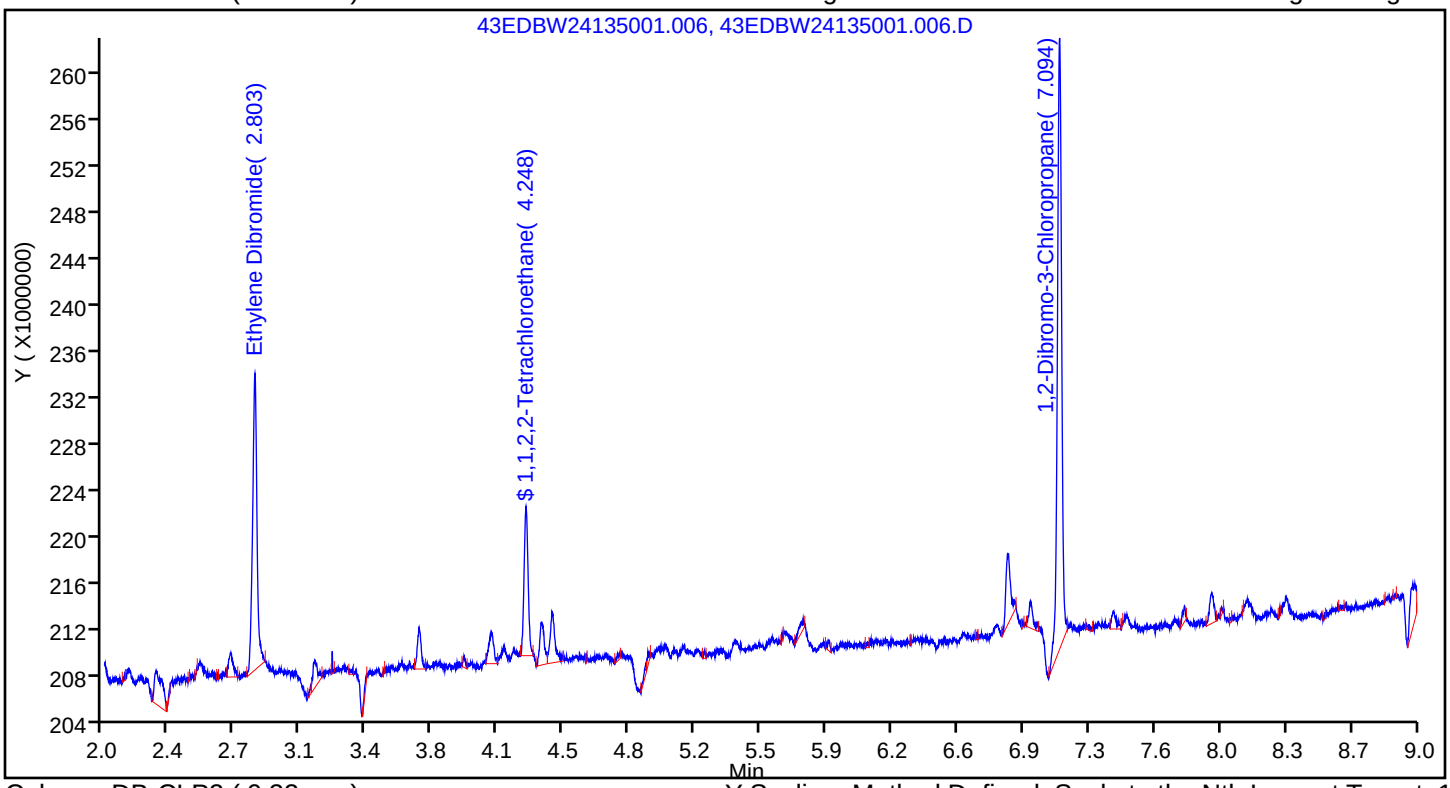
Client ID:

Operator ID: 120 ALS Bottle#: 0 Worklist Smp#: 6

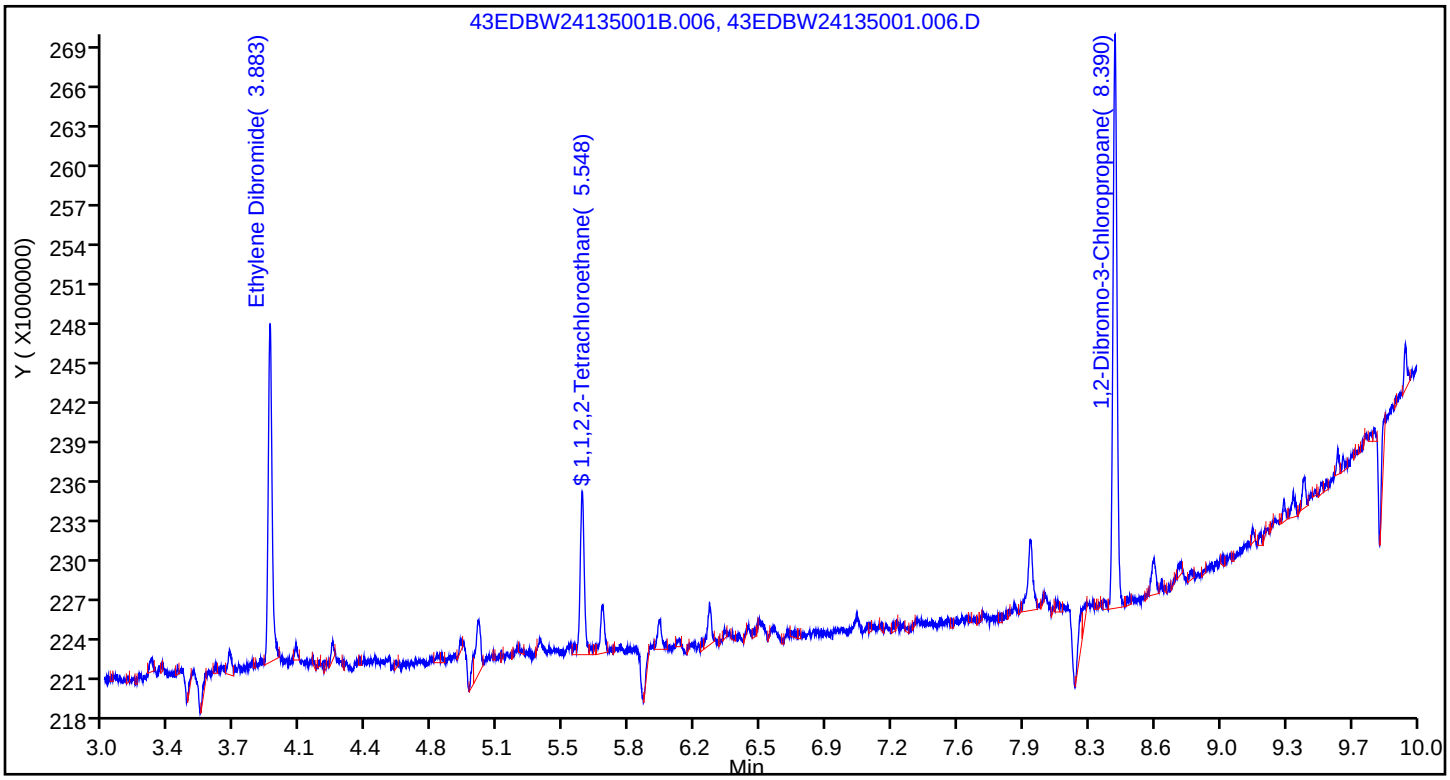
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846 Limit Group: GCSV - 8011 Waters

Column: DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



7/9/2024
8:32:15 AM

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\43EDBW24135001.007.D
Lims ID: icrt
Client ID:
Sample Type: ICRT Calib Level: 4
Inject. Date: 14-May-2024 13:46:00 ALS Bottle#: 0 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: icrt
Operator ID: 120 Instrument ID: 19846
Sublist: chrom-8011_19846*sub2

Method: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\8011_19846.m
Limit Group: GCSV - 8011 Waters
Last Update: 15-May-2024 07:12:51 Calib Date: 14-May-2024 14:21:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\43EDBW24135001.009.D

Column 1 : DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1682

First Level Reviewer: URS0 Date: 15-May-2024 07:04:36

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	2.804	2.804	0.000	53210540H	2.51	2.52	
2	3.883	3.883	0.000	51716630H	2.51	2.51	
						RPD = 0.24	
$ 2 1,1,2,2-Tetrachloroethane							
1	4.248	4.248	0.000	26804265H	1.23	1.22	
2	5.548	5.548	0.000	25272615H	1.23	1.23	
						RPD = 0.91	
3 1,2-Dibromo-3-Chloropropane							
1	7.093	7.093	0.000	99433562H	2.50	2.48	
2	8.388	8.388	0.000	82091066H	2.50	2.49	
						RPD = 0.42	

QC Flag Legend

Processing Flags
H - Response Measured by Height

Reagents:

GCS_EDB4_00031 Amount Added: 1.00 Units: mL

Report Date: 15-May-2024 07:12:52 Chrom Revision: 2.3 01-May-2024 15:52:26

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\43EDBW24135001.007.D

Injection Date: 14-May-2024 13:46:00 Instrument ID: 19846

Lims ID: icrt

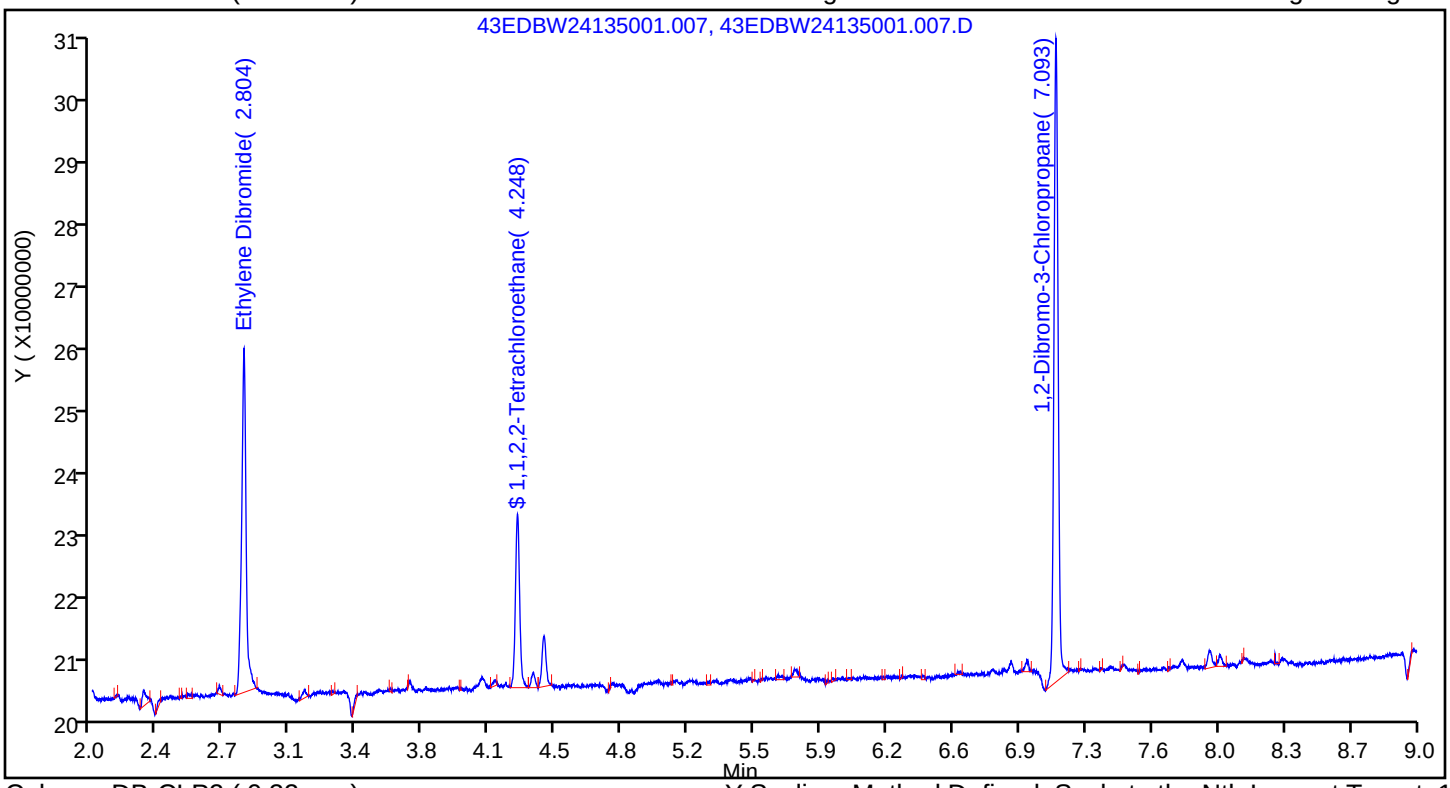
Client ID:

Operator ID: 120 ALS Bottle#: 0 Worklist Smp#: 7

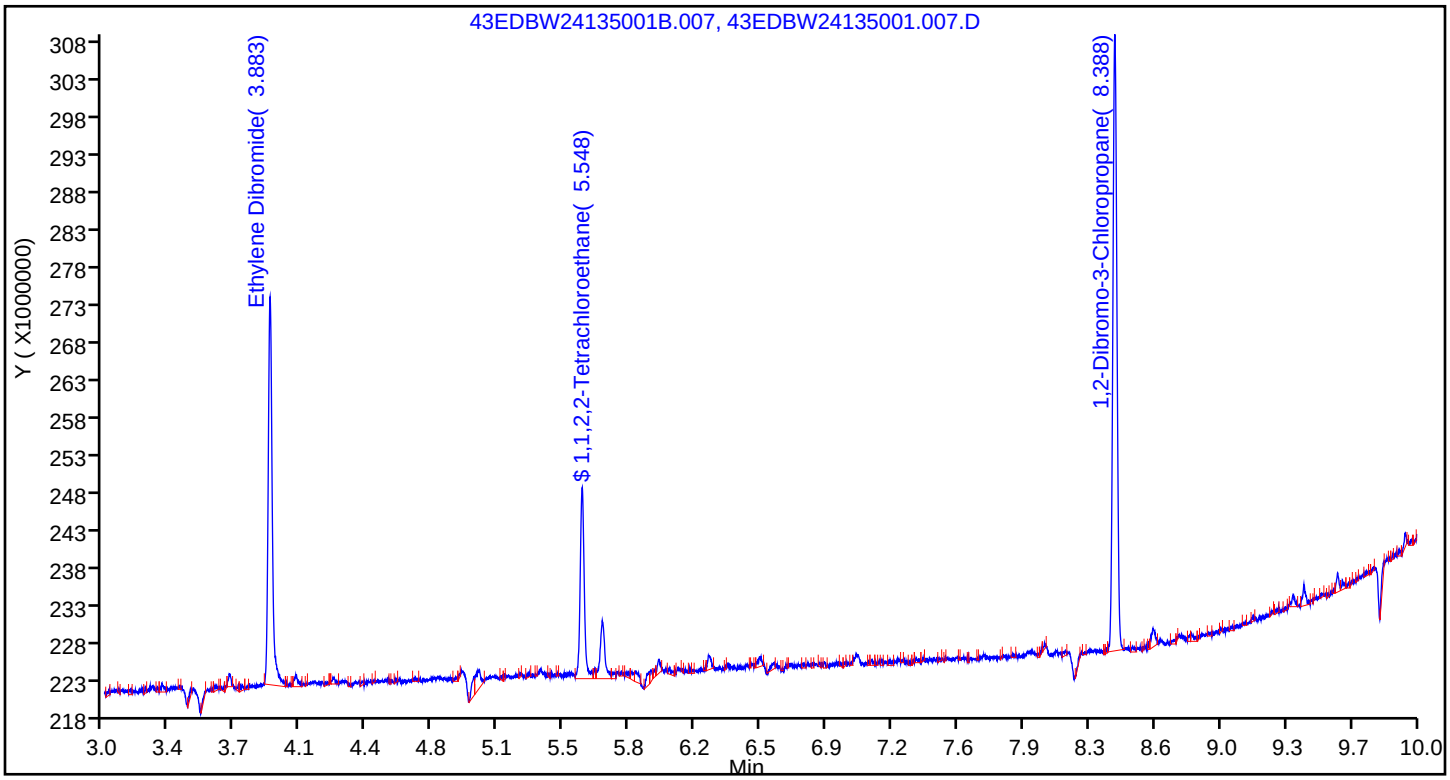
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846 Limit Group: GCSV - 8011 Waters

Column: DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\43EDBW24135001.008.D
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 14-May-2024 14:04:00 ALS Bottle#: 0 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: ic
Operator ID: 120 Instrument ID: 19846
Sublist: chrom-8011_19846*sub2

Method: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\8011_19846.m
Limit Group: GCSV - 8011 Waters
Last Update: 15-May-2024 07:12:53 Calib Date: 14-May-2024 14:21:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\43EDBW24135001.009.D

Column 1 : DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1682

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	2.803	2.804	-0.001	87346439H	4.39	4.36	
2	3.883	3.883	0.000	87184170H	4.39	4.24	
						RPD = 2.77	
$ 2 1,1,2,2-Tetrachloroethane							
1	4.248	4.248	0.000	45380733H	2.16	2.16	
2	5.547	5.548	-0.001	42245905H	2.16	2.15	
						RPD = 0.59	
3 1,2-Dibromo-3-Chloropropane							
1	7.093	7.093	0.000	163890974H	4.38	4.31	
2	8.389	8.388	0.001	135076036H	4.38	4.35	
						RPD = 0.75	

Reagents:

GCS_EDB5_00016 Amount Added: 1.00 Units: mL

Report Date: 15-May-2024 07:12:54 Chrom Revision: 2.3 01-May-2024 15:52:26

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\43EDBW24135001.008.D

Injection Date: 14-May-2024 14:04:00 Instrument ID: 19846

Lims ID: ic

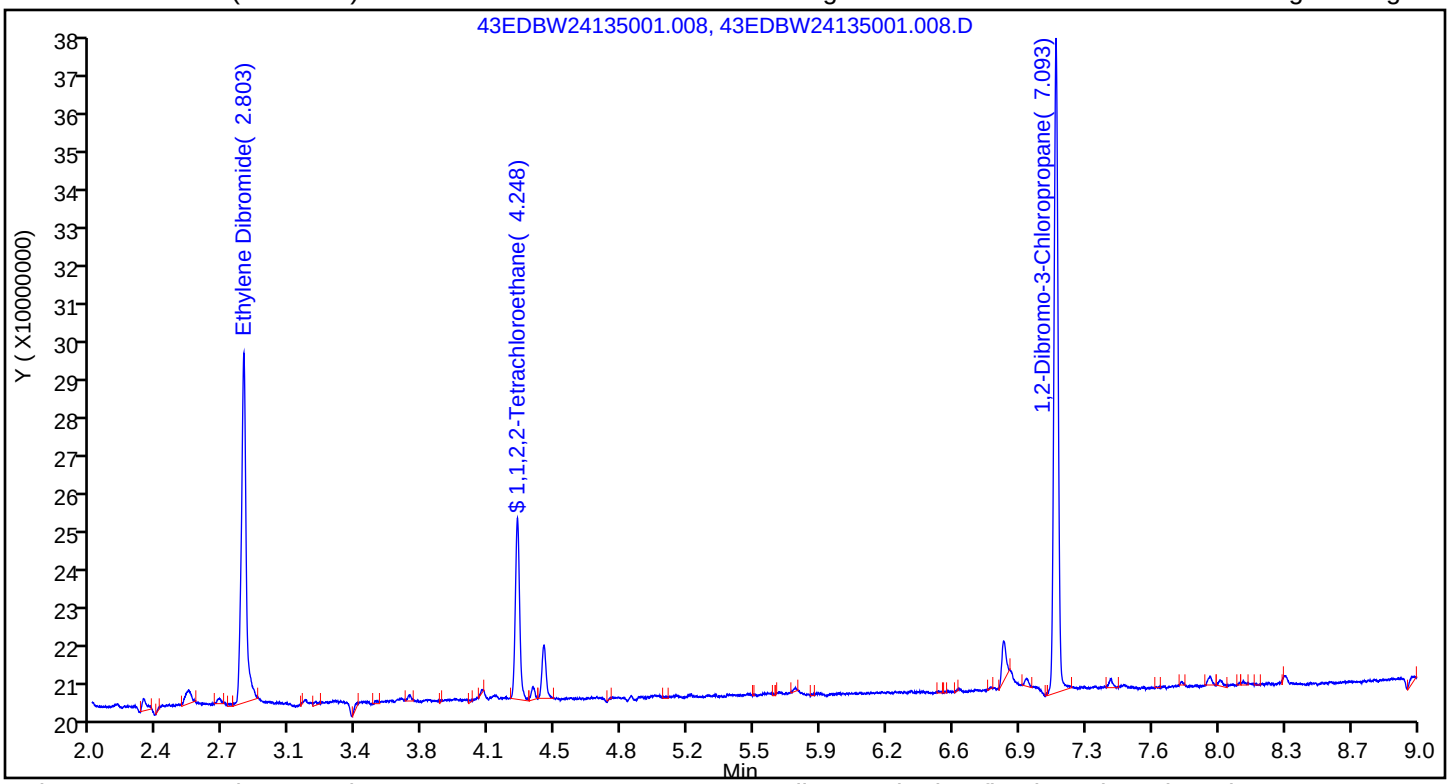
Client ID:

Operator ID: 120 ALS Bottle#: 0 Worklist Smp#: 8

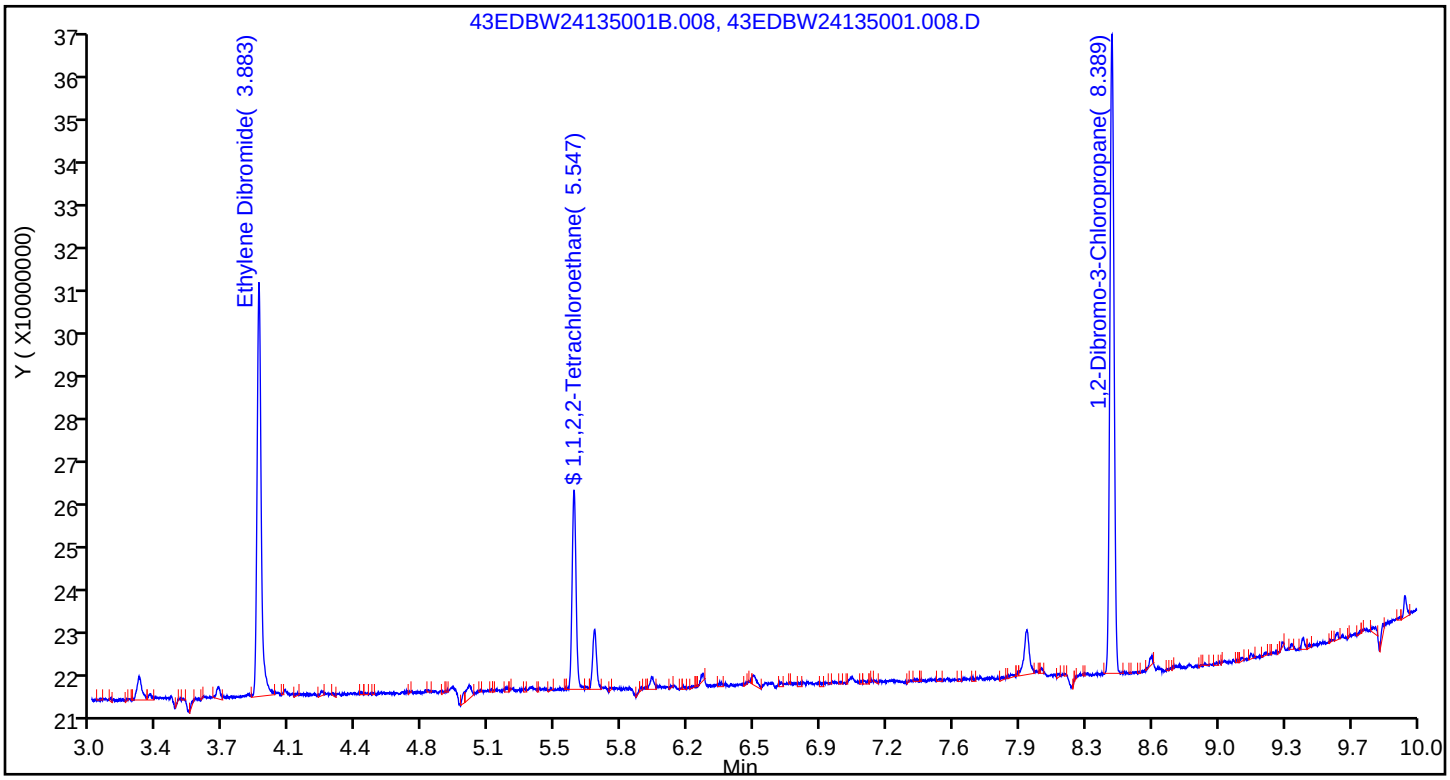
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846 Limit Group: GCSV - 8011 Waters

Column: DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\43EDBW24135001.009.D
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 14-May-2024 14:21:00 ALS Bottle#: 0 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: ic
Operator ID: 120 Instrument ID: 19846
Sublist: chrom-8011_19846*sub2

Method: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\8011_19846.m
Limit Group: GCSV - 8011 Waters
Last Update: 15-May-2024 07:12:55 Calib Date: 14-May-2024 14:21:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\43EDBW24135001.009.D

Column 1 : DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1682

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	2.800	2.804	-0.004	115809692H	6.27	6.28	
2	3.881	3.883	-0.002	115345785H	6.27	5.61	
						RPD = 11.37	
$ 2 1,1,2,2-Tetrachloroethane							
1	4.246	4.248	-0.002	60140712H	3.08	3.08	
2	5.546	5.548	-0.002	56899516H	3.08	3.09	
						RPD = 0.15	
3 1,2-Dibromo-3-Chloropropane							
1	7.093	7.093	0.000	220249555H	6.25	6.29	
2	8.388	8.388	0.000	181908547H	6.25	6.27	
						RPD = 0.33	

Reagents:

GCS_EDB6_00014 Amount Added: 1.00 Units: mL

Report Date: 15-May-2024 07:12:55 Chrom Revision: 2.3 01-May-2024 15:52:26

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\43EDBW24135001.009.D

Injection Date: 14-May-2024 14:21:00 Instrument ID: 19846

Lims ID: ic

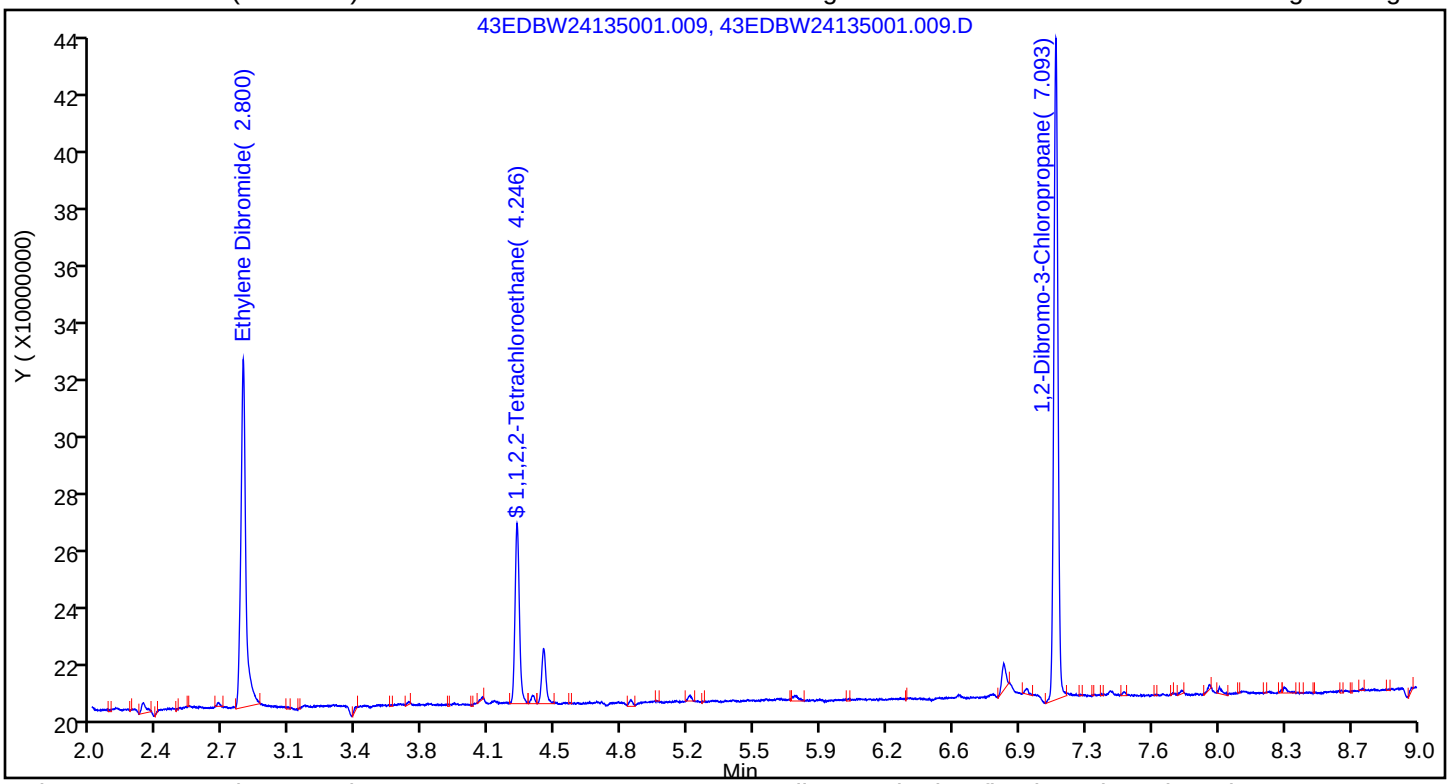
Client ID:

Operator ID: 120 ALS Bottle#: 0 Worklist Smp#: 9

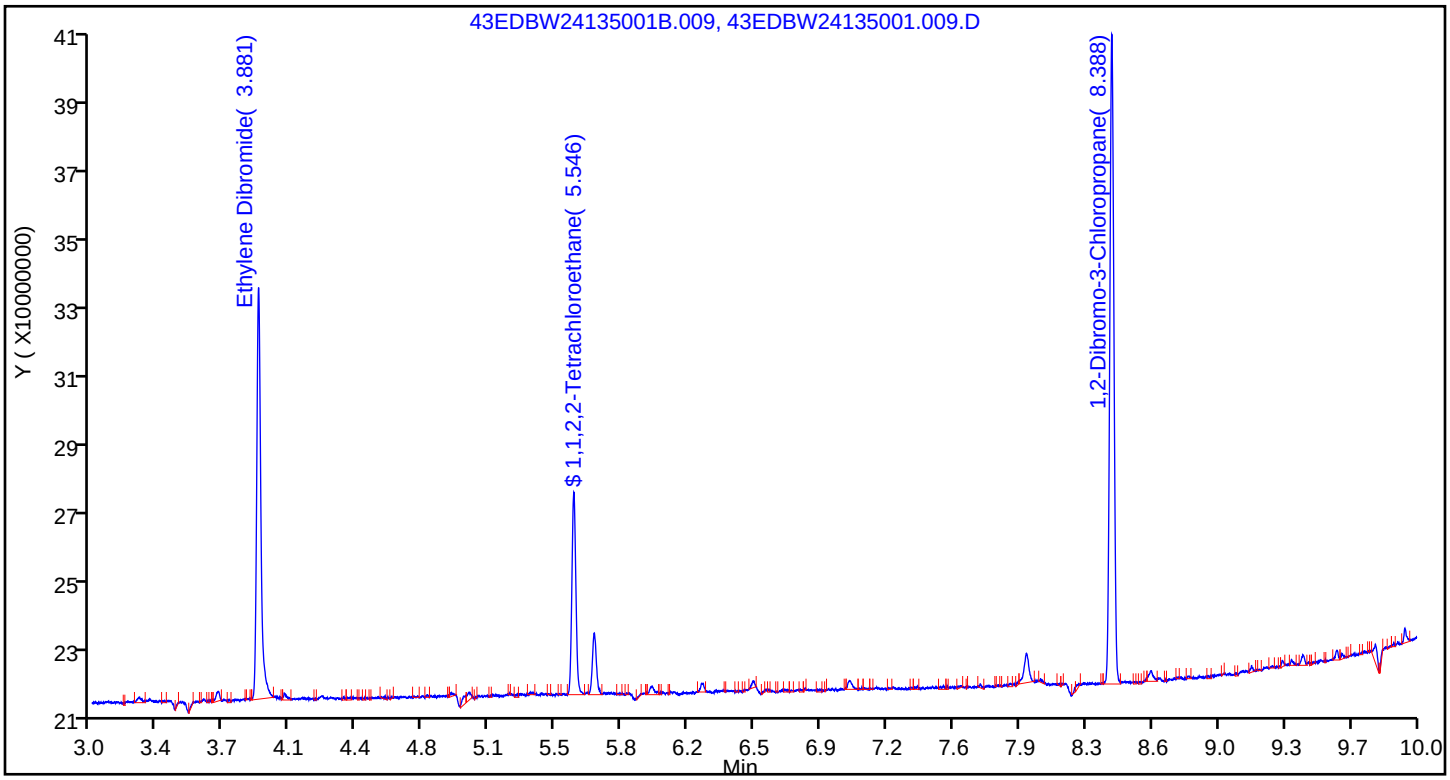
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846 Limit Group: GCSV - 8011 Waters

Column: DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Calibration / Ethylene Dibromide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ESTD
Response Base:	HEIGHT
RF Rounding:	0

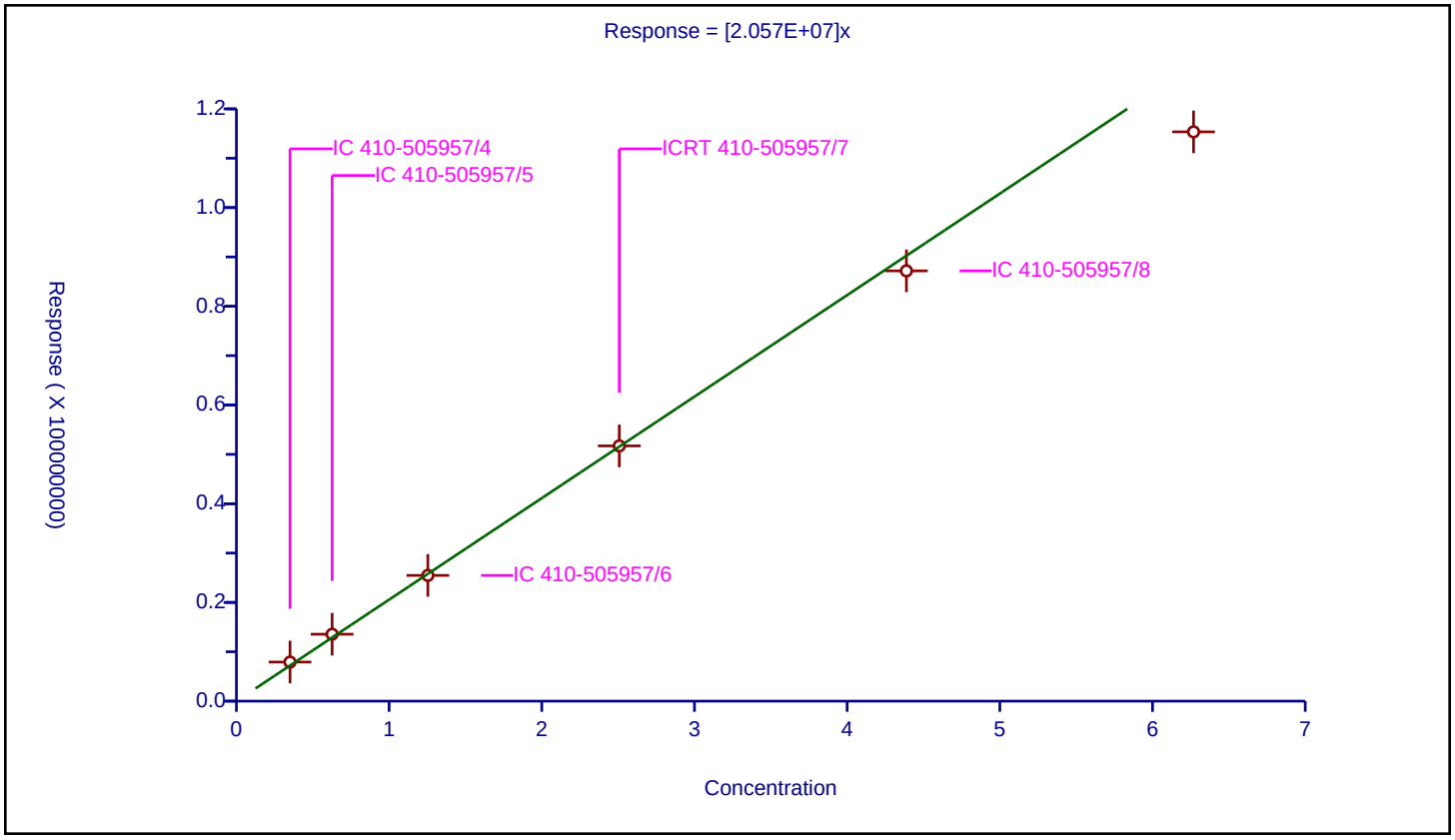
Curve Coefficients

Intercept:	0
Slope:	2.057E+07

Error Coefficients

Relative Standard Deviation:	7.0

ID	Level	Concentration	Response	IS Amount	IS Response	RF	Used
1	IC 410-505957/4	0.35105	7920579.0			22562538.099986	Y
2	IC 410-505957/5	0.626875	13556729.0			21625888.733799	Y
3	IC 410-505957/6	1.25375	25472899.0			20317367.098704	Y
4	ICRT 410-505957/7	2.5075	51716630.0			20624777.666999	Y
5	IC 410-505957/8	4.388125	87184170.0			19868205.668708	Y
6	IC 410-505957/9	6.26875	115345785.0			18400125.224327	Y



7/9/2024
8:32:15 AM

Calibration / 1,1,2,2-Tetrachloroethane

Curve Type:	Quadratic
Weighting:	None
Origin:	None
Dependency:	Response
Calib Mode:	ESTD
Response Base:	HEIGHT
RF Rounding:	0

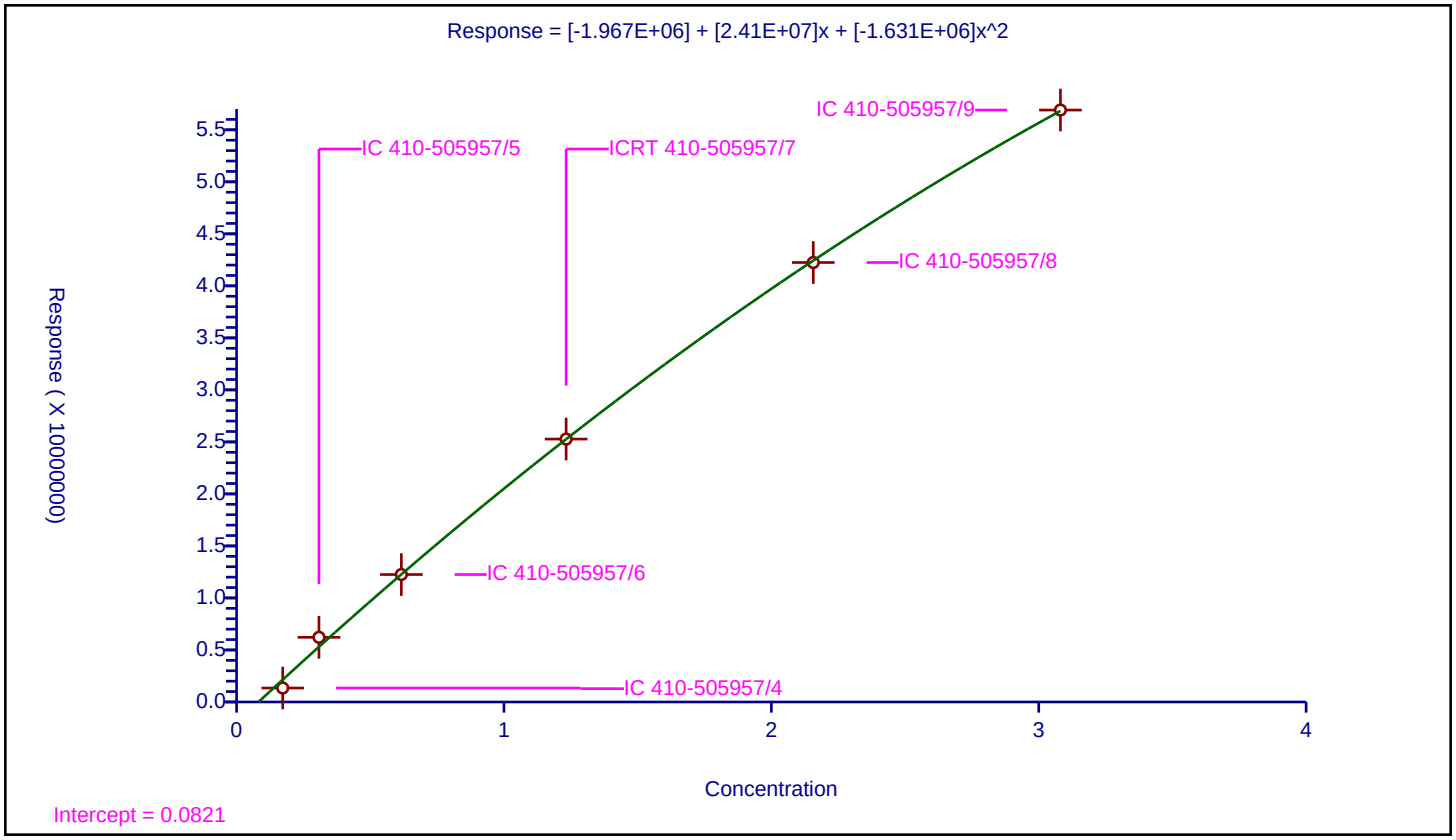
Curve Coefficients

Intercept:	-1.967E+06
Slope:	2.41E+07
Second Order:	-1.631E+06

Error Coefficients

Relative Standard Deviation:	13.6

ID	Level	Concentration	Response	IS Amount	IS Response	RF	Used
1	IC 410-505957/4	0.17255	1341272.0			7773236.742973	Y
2	IC 410-505957/5	0.308125	6217915.0			20179845.841785	Y
3	IC 410-505957/6	0.61625	12251421.0			19880602.028398	Y
4	ICRT 410-505957/7	1.2325	25272615.0			20505164.300203	Y
5	IC 410-505957/8	2.156875	42245905.0			19586626.485077	Y
6	IC 410-505957/9	3.08125	56899516.0			18466374.361055	Y



7/9/2024
8:32:15 AM

Calibration / 1,2-Dibromo-3-Chloropropane

Curve Type:	Quadratic
Weighting:	None
Origin:	None
Dependency:	Response
Calib Mode:	ESTD
Response Base:	HEIGHT
RF Rounding:	0

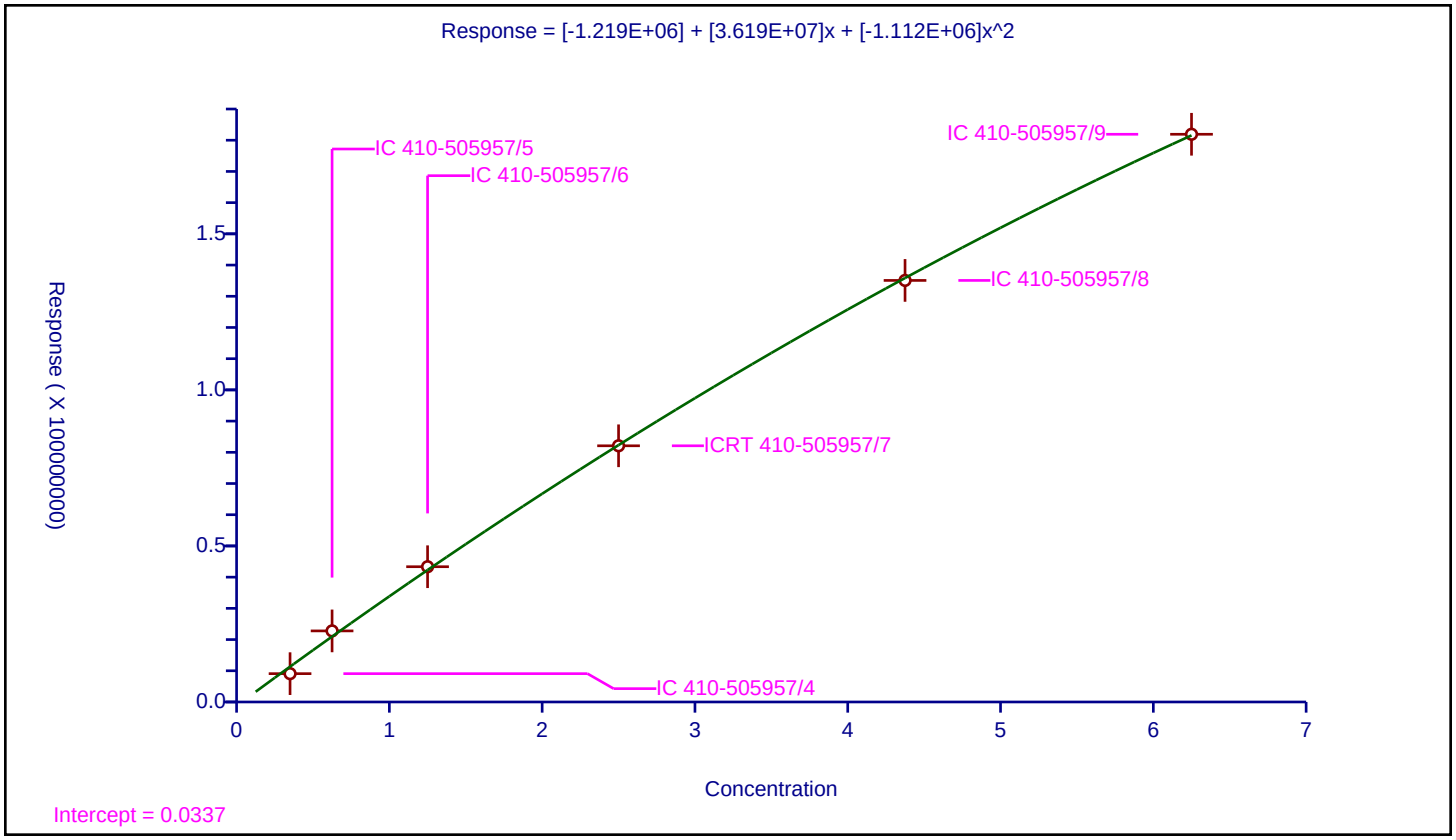
Curve Coefficients

Intercept:	-1.219E+06
Slope:	3.619E+07
Second Order:	-1.112E+06

Error Coefficients

Relative Standard Deviation:	11.5

ID	Level	Concentration	Response	IS Amount	IS Response	RF	Used
1	IC 410-505957/4	0.35	9078701.0			25939145.714286	Y
2	IC 410-505957/5	0.625	22771423.0			36434276.8	Y
3	IC 410-505957/6	1.25	43342661.0			34674128.8	Y
4	ICRT 410-505957/7	2.5	82091066.0			32836426.4	Y
5	IC 410-505957/8	4.375	135076036.0			30874522.514286	Y
6	IC 410-505957/9	6.25	181908547.0			29105367.52	Y



7/9/2024
8:32:15 AM

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-303245-1

SDG No.:

Lab Sample ID: ICV 410-503517/11
Calibration Date: 05/08/2024 11:37

Instrument ID: 19846
Calib Start Date: 05/08/2024 09:36

GC Column: DB CLP1 ID: 0.32(mm)
Calib End Date: 05/08/2024 11:02

Lab File ID: 43EDBS24129001.011.D
Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromoethane	Qua		21129179		1.19	1.26	-5.8	40.0
1,2-Dibromo-3-Chloropropane	Qua		38130143		1.24	1.25	-1.0	40.0
1,1,2,2-Tetrachloroethane (Surr)	Qua		19982468		0.601	0.616	-2.4	40.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-303245-1

SDG No.:

Lab Sample ID: ICV 410-503517/11
Calibration Date: 05/08/2024 11:37

Instrument ID: 19846
Calib Start Date: 05/08/2024 09:36

GC Column: DB CLP1 ID: 0.32(mm)
Calib End Date: 05/08/2024 11:02

Lab File ID: 43EDBS24129001.011.D

Analyte	RT	RT WINDOW	
		FROM	TO
1,2-Dibromoethane	2.81	2.77	2.83
1,2-Dibromo-3-Chloropropane	7.10	7.07	7.13
1,1,2,2-Tetrachloroethane (Surr)	4.25	4.22	4.28

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.011.D
Lims ID: icv
Client ID:
Sample Type: ICV
Inject. Date: 08-May-2024 11:37:00 ALS Bottle#: 0 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: icv
Operator ID: 120 Instrument ID: 19846
Sublist:

Method: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\8011_19846S.m
Limit Group: GCSV - 8011 Solid
Last Update: 09-May-2024 07:43:45 Calib Date: 08-May-2024 11:02:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.009.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1627

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	2.806	2.803	0.003	26675589H	1.26	1.19	
2	3.888	3.885	0.003	26279235H	1.26	1.19	
						RPD = 0.01	
$ 2 1,1,2,2-Tetrachloroethane							
1	4.250	4.249	0.001	12314196H	0.6163	0.6012	
2	5.552	5.550	0.002	11113159H	0.6163	0.6011	
						RPD = 0.03	
3 1,2-Dibromo-3-Chloropropane							
1	7.096	7.095	0.001	47615016H	1.25	1.24	
2	8.391	8.391	0.000	39306538H	1.25	1.35	
						RPD = 8.52	

Reagents:

GCS_EDBSICV_00027 Amount Added: 1.00 Units: mL

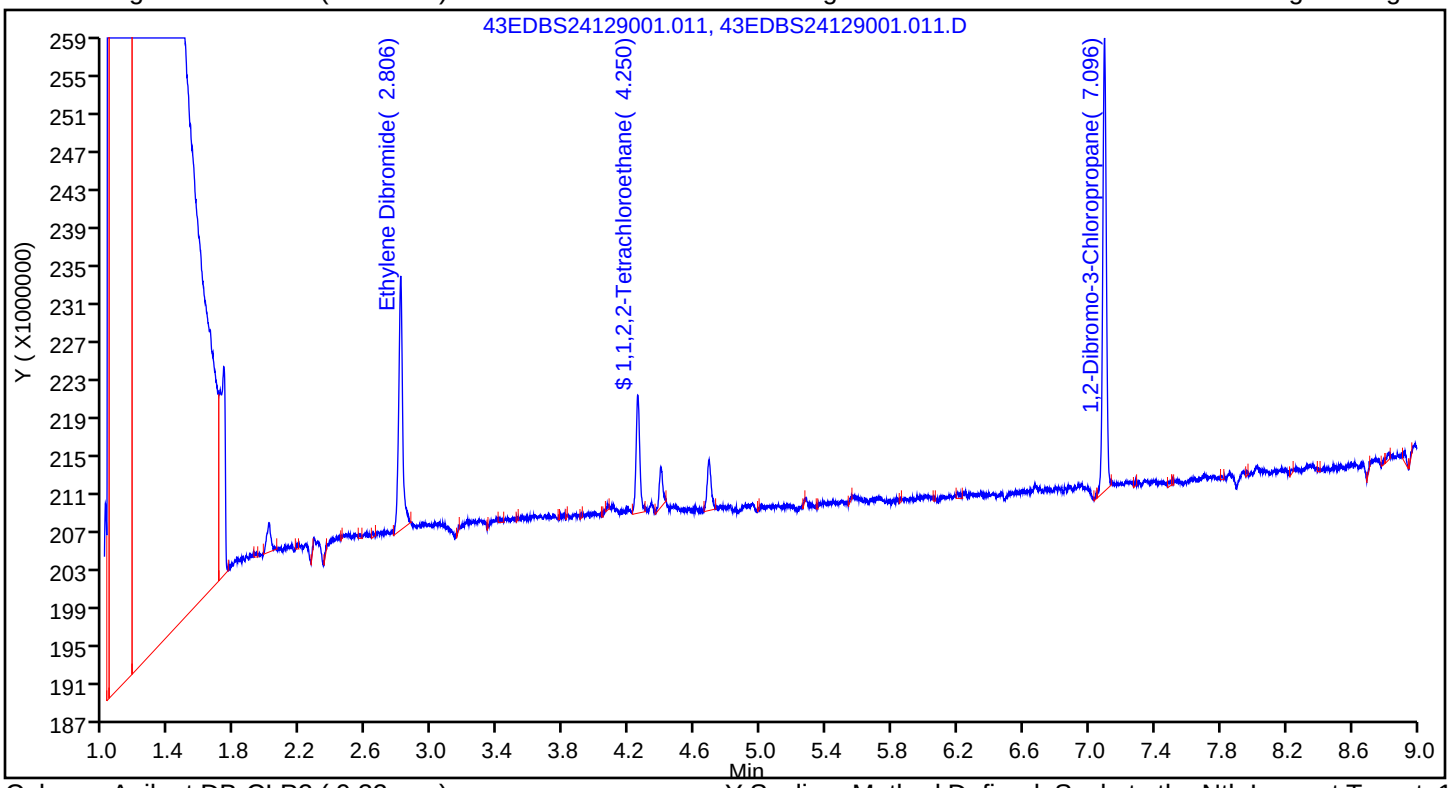
Report Date: 09-May-2024 07:44:19 Chrom Revision: 2.3 01-May-2024 15:52:26

Eurofins Lancaster Laboratories Environment Testing, LLC

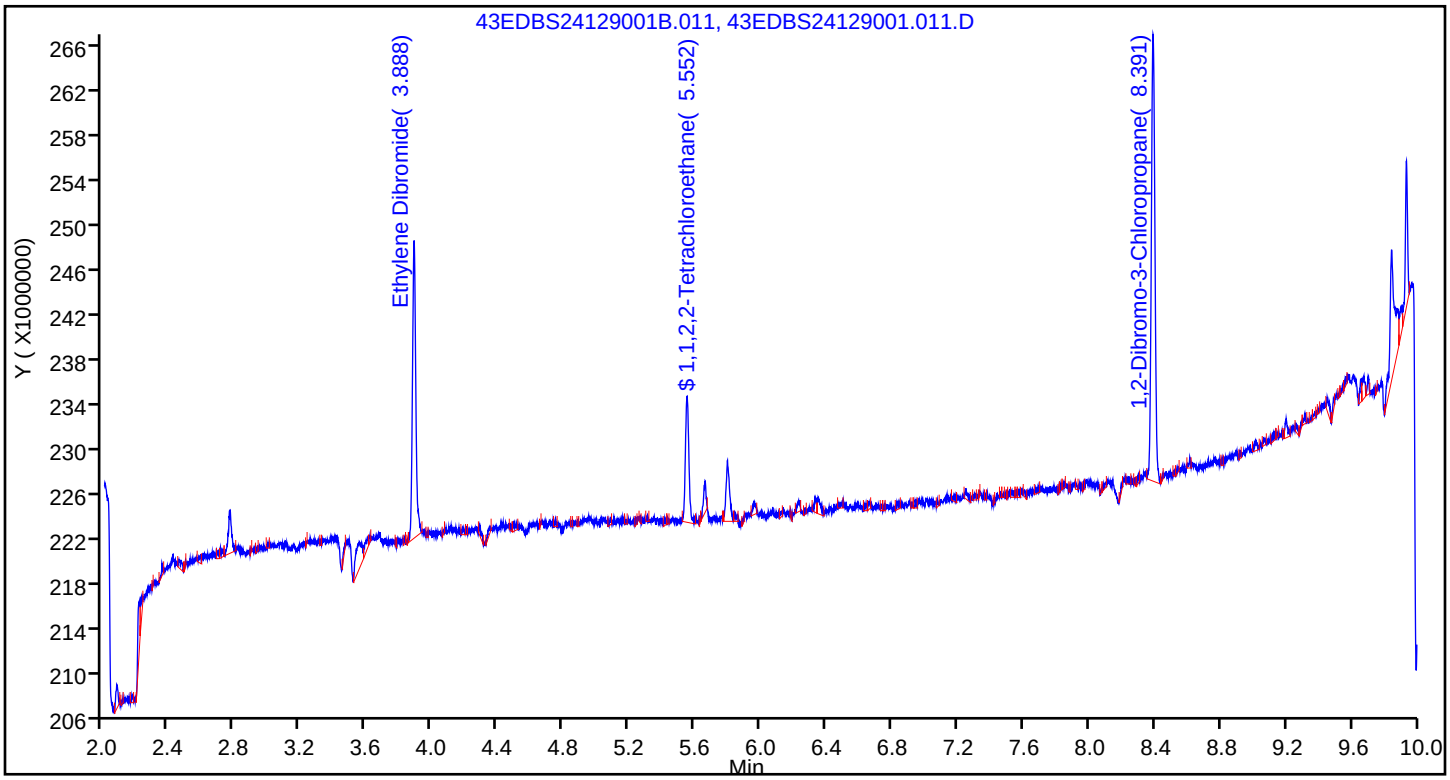
Data File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.011.D

Injection Date:	08-May-2024 11:37:00	Instrument ID:	19846		
Lims ID:	icv				
Client ID:					
Operator ID:	120	ALS Bottle#:	0	Worklist Smp#:	11
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8011_19846S	Limit Group:	GCSV - 8011 Solid		

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-303245-1

SDG No.:

Lab Sample ID: ICV 410-503517/11 Calibration Date: 05/08/2024 11:37

Instrument ID: 19846 Calib Start Date: 05/08/2024 09:36

GC Column: DB CLP2 ID: 0.32(mm) Calib End Date: 05/08/2024 11:02

Lab File ID: 43EDBS24129001.011.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromoethane	Qua		20815236		1.19	1.26	-5.8	40.0
1,2-Dibromo-3-Chloropropane	Lin		31476707		1.35	1.25	7.8	40.0
1,1,2,2-Tetrachloroethane (Surr)	Qua		18033524		0.601	0.616	-2.5	40.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-303245-1

SDG No.:

Lab Sample ID: ICV 410-503517/11
Calibration Date: 05/08/2024 11:37

Instrument ID: 19846
Calib Start Date: 05/08/2024 09:36

GC Column: DB CLP2 ID: 0.32(mm)
Calib End Date: 05/08/2024 11:02

Lab File ID: 43EDBS24129001.011.D

Analyte	RT	RT WINDOW	
		FROM	TO
1,2-Dibromoethane	3.89	3.86	3.92
1,2-Dibromo-3-Chloropropane	8.39	8.36	8.42
1,1,2,2-Tetrachloroethane (Surr)	5.55	5.52	5.58

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.011.D
Lims ID: icv
Client ID:
Sample Type: ICV
Inject. Date: 08-May-2024 11:37:00 ALS Bottle#: 0 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: icv
Operator ID: 120 Instrument ID: 19846
Sublist:

Method: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\8011_19846S.m
Limit Group: GCSV - 8011 Solid
Last Update: 09-May-2024 07:43:45 Calib Date: 08-May-2024 11:02:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.009.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1627

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	2.806	2.803	0.003	26675589H	1.26	1.19	
2	3.888	3.885	0.003	26279235H	1.26	1.19	
						RPD = 0.01	
$ 2 1,1,2,2-Tetrachloroethane							
1	4.250	4.249	0.001	12314196H	0.6163	0.6012	
2	5.552	5.550	0.002	11113159H	0.6163	0.6011	
						RPD = 0.03	
3 1,2-Dibromo-3-Chloropropane							
1	7.096	7.095	0.001	47615016H	1.25	1.24	
2	8.391	8.391	0.000	39306538H	1.25	1.35	
						RPD = 8.52	

Reagents:

GCS_EDBSICV_00027 Amount Added: 1.00 Units: mL

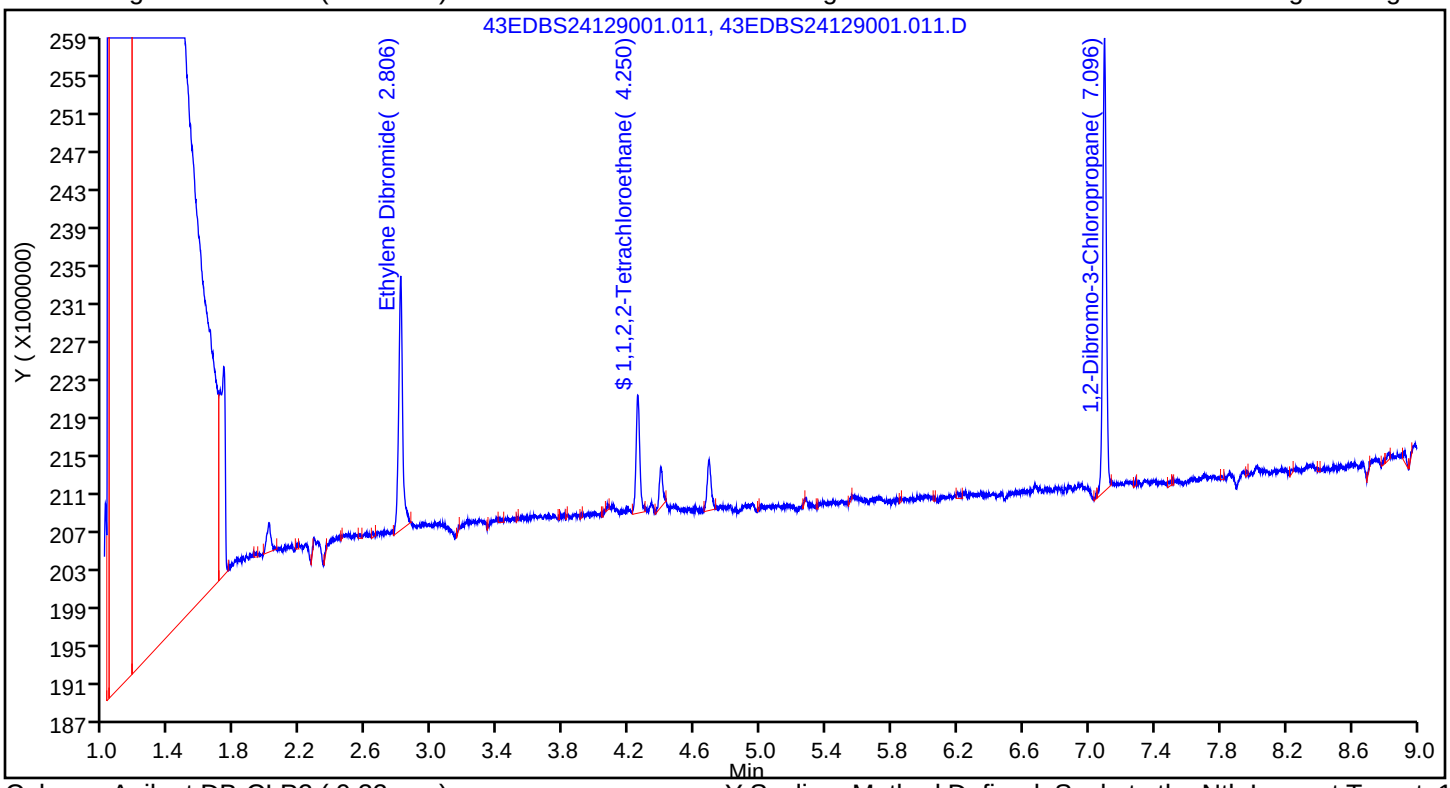
Report Date: 09-May-2024 07:44:20 Chrom Revision: 2.3 01-May-2024 15:52:26

Eurofins Lancaster Laboratories Environment Testing, LLC

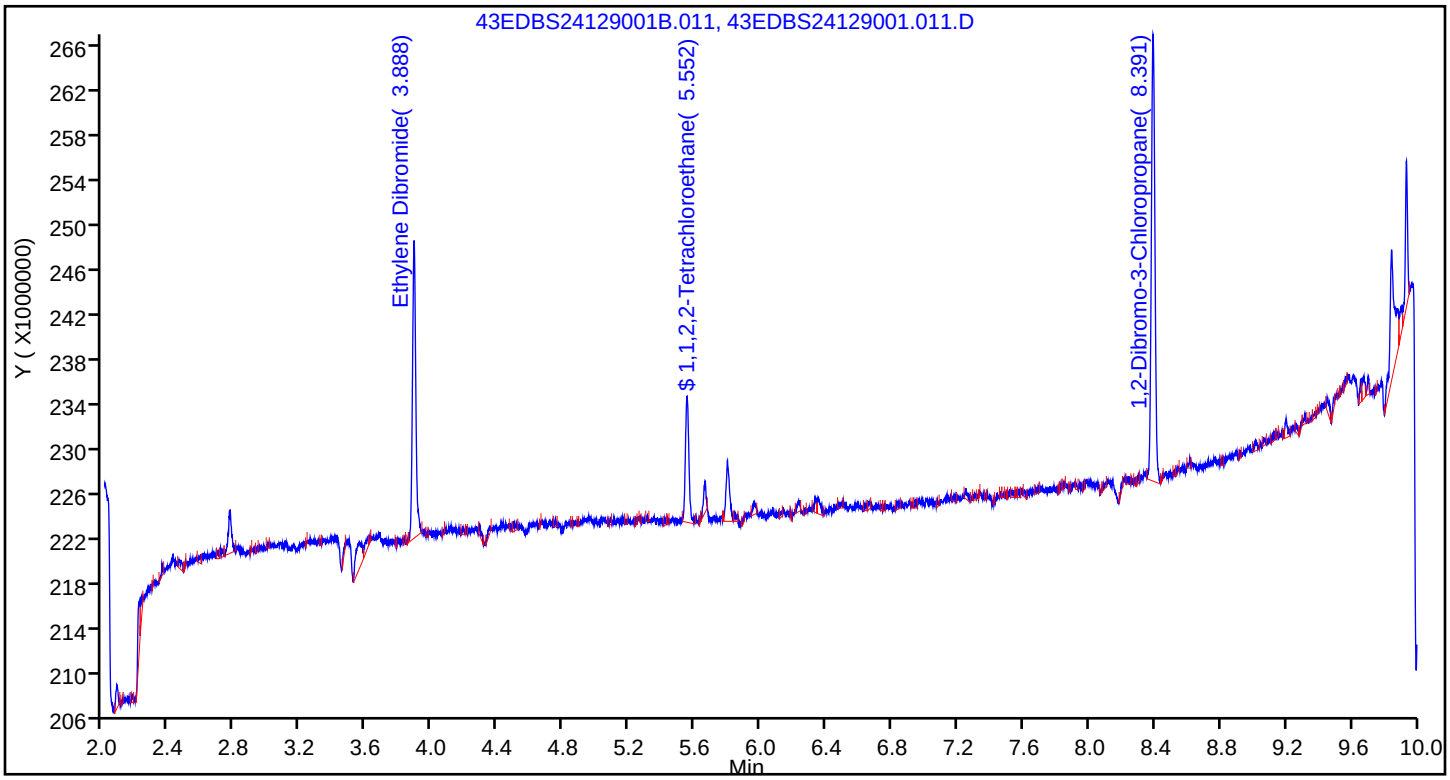
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Injection Date:	08-May-2024 11:37:00	Instrument ID:	19846		
Lims ID:	icv				
Client ID:					
Operator ID:	120	ALS Bottle#:	0	Worklist Smp#:	11
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8011_19846S	Limit Group:	GCSV - 8011 Solid		

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-303245-1

SDG No.:

Lab Sample ID: CCV 410-503517/27 Calibration Date: 05/08/2024 16:13

Instrument ID: 19846 Calib Start Date: 05/08/2024 09:36

GC Column: DB CLP1 ID: 0.32(mm) Calib End Date: 05/08/2024 11:02

Lab File ID: 43EDBS24129001.027.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromoethane	Qua		21574548		2.73	2.51	8.9	40.0
1,2-Dibromo-3-Chloropropane	Qua		37913879		2.74	2.50	9.8	40.0
1,1,2,2-Tetrachloroethane (Surr)	Qua		19067622		1.26	1.23	2.4	40.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-303245-1

SDG No.:

Lab Sample ID: CCV 410-503517/27
Calibration Date: 05/08/2024 16:13

Instrument ID: 19846
Calib Start Date: 05/08/2024 09:36

GC Column: DB CLP1 ID: 0.32(mm)
Calib End Date: 05/08/2024 11:02

Lab File ID: 43EDBS24129001.027.D

Analyte	RT	RT WINDOW	
		FROM	TO
1,2-Dibromoethane	2.80	2.77	2.83
1,2-Dibromo-3-Chloropropane	7.09	7.07	7.13
1,1,2,2-Tetrachloroethane (Surr)	4.25	4.22	4.28

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.027.D
Lims ID: ccv
Client ID:
Sample Type: CCV
Inject. Date: 08-May-2024 16:13:00 ALS Bottle#: 0 Worklist Smp#: 27
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: ccv
Operator ID: 120 Instrument ID: 19846
Sublist: chrom-8011_19846S*sub1

Method: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\8011_19846S.m
Limit Group: GCSV - 8011 Solid
Last Update: 09-May-2024 07:44:34 Calib Date: 08-May-2024 11:02:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.009.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1627

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	2.802	2.803	-0.001	54098180H	2.51	2.73	
2	3.884	3.885	-0.001	51520757H	2.51	2.66	
						RPD = 2.70	
$ 2 1,1,2,2-Tetrachloroethane							
1	4.248	4.249	-0.001	23500844H	1.23	1.26	
2	5.548	5.550	-0.002	21775211H	1.23	1.26	
						RPD = 0.10	
3 1,2-Dibromo-3-Chloropropane							
1	7.093	7.095	-0.002	94784698H	2.50	2.74	
2	8.389	8.391	-0.002	79329671H	2.50	3.05	
						RPD = 10.52	

Reagents:

GCS_EDBS4_00042 Amount Added: 1.00 Units: mL

Report Date: 09-May-2024 07:44:34 Chrom Revision: 2.3 01-May-2024 15:52:26

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.027.D

Injection Date: 08-May-2024 16:13:00 Instrument ID: 19846

Lims ID: ccv

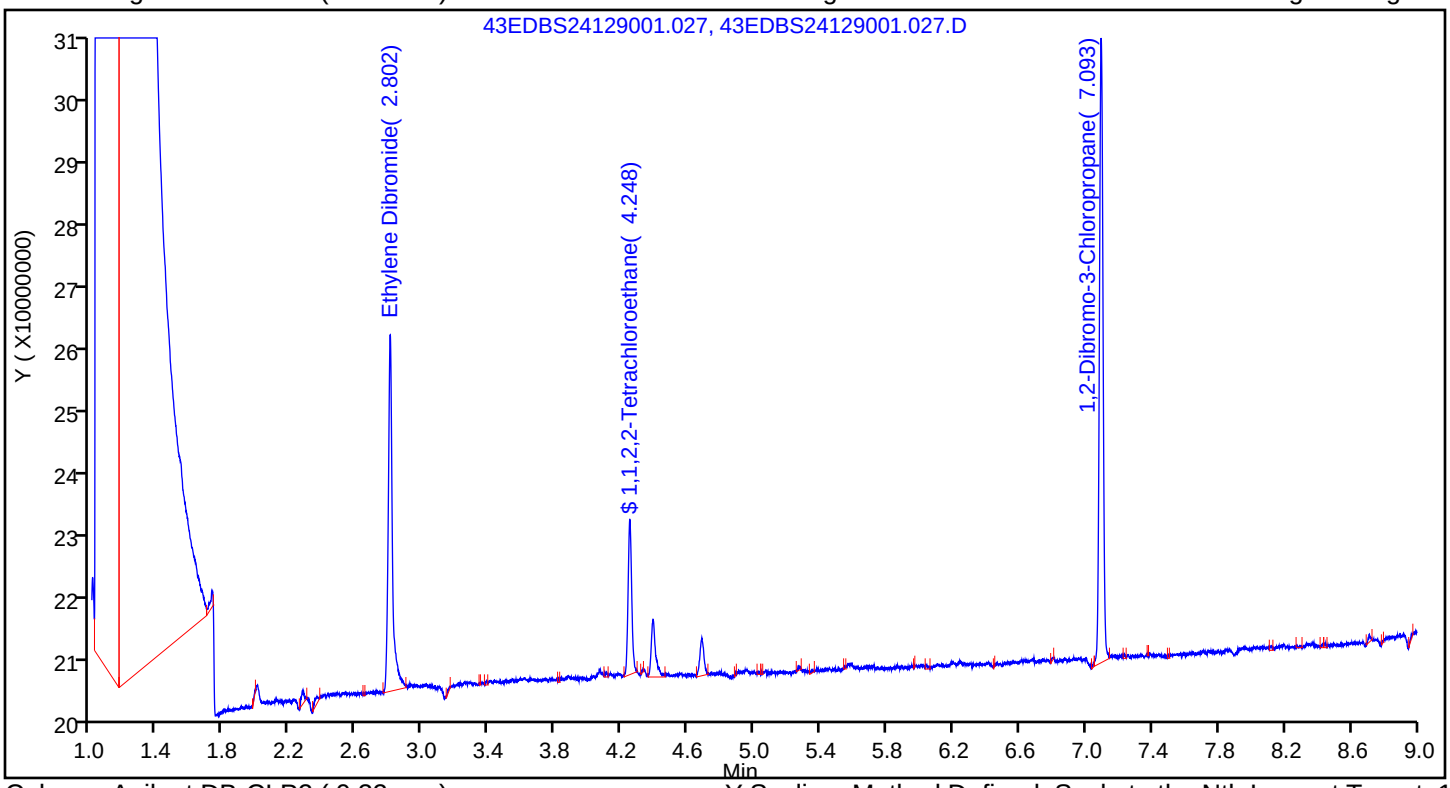
Client ID:

Operator ID: 120 ALS Bottle#: 0 Worklist Smp#: 27

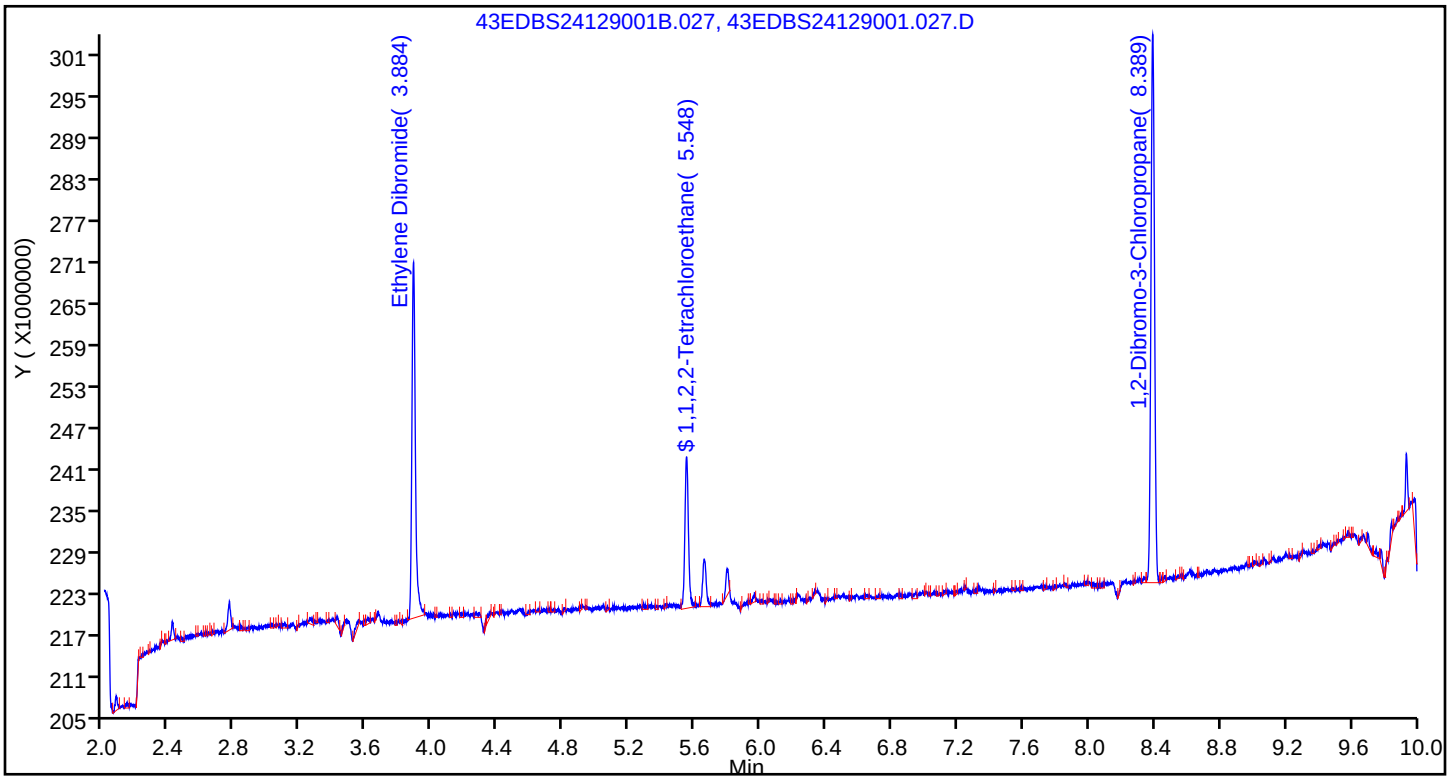
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846S Limit Group: GCSV - 8011 Solid

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-303245-1

SDG No.:

Lab Sample ID: CCV 410-503517/27 Calibration Date: 05/08/2024 16:13

Instrument ID: 19846 Calib Start Date: 05/08/2024 09:36

GC Column: DB CLP2 ID: 0.32(mm) Calib End Date: 05/08/2024 11:02

Lab File ID: 43EDBS24129001.027.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromoethane	Qua		20546663		2.66	2.51	6.0	40.0
1,2-Dibromo-3-Chloropropane	Lin		31731868		3.05	2.50	22.0	40.0
1,1,2,2-Tetrachloroethane (Surr)	Qua		17667514		1.26	1.23	2.5	40.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-303245-1

SDG No.:

Lab Sample ID: CCV 410-503517/27
Calibration Date: 05/08/2024 16:13

Instrument ID: 19846
Calib Start Date: 05/08/2024 09:36

GC Column: DB CLP2 ID: 0.32(mm)
Calib End Date: 05/08/2024 11:02

Lab File ID: 43EDBS24129001.027.D

Analyte	RT	RT WINDOW	
		FROM	TO
1,2-Dibromoethane	3.88	3.86	3.92
1,2-Dibromo-3-Chloropropane	8.39	8.36	8.42
1,1,2,2-Tetrachloroethane (Surr)	5.55	5.52	5.58

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.027.D
Lims ID: ccv
Client ID:
Sample Type: CCV
Inject. Date: 08-May-2024 16:13:00 ALS Bottle#: 0 Worklist Smp#: 27
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: ccv
Operator ID: 120 Instrument ID: 19846
Sublist: chrom-8011_19846S*sub1

Method: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\8011_19846S.m
Limit Group: GCSV - 8011 Solid
Last Update: 09-May-2024 07:44:34 Calib Date: 08-May-2024 11:02:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.009.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1627

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	2.802	2.803	-0.001	54098180H	2.51	2.73	
2	3.884	3.885	-0.001	51520757H	2.51	2.66	
						RPD = 2.70	
$ 2 1,1,2,2-Tetrachloroethane							
1	4.248	4.249	-0.001	23500844H	1.23	1.26	
2	5.548	5.550	-0.002	21775211H	1.23	1.26	
						RPD = 0.10	
3 1,2-Dibromo-3-Chloropropane							
1	7.093	7.095	-0.002	94784698H	2.50	2.74	
2	8.389	8.391	-0.002	79329671H	2.50	3.05	
						RPD = 10.52	

Reagents:

GCS_EDBS4_00042 Amount Added: 1.00 Units: mL

Report Date: 09-May-2024 07:44:35 Chrom Revision: 2.3 01-May-2024 15:52:26

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.027.D

Injection Date: 08-May-2024 16:13:00 Instrument ID: 19846

Lims ID: ccv

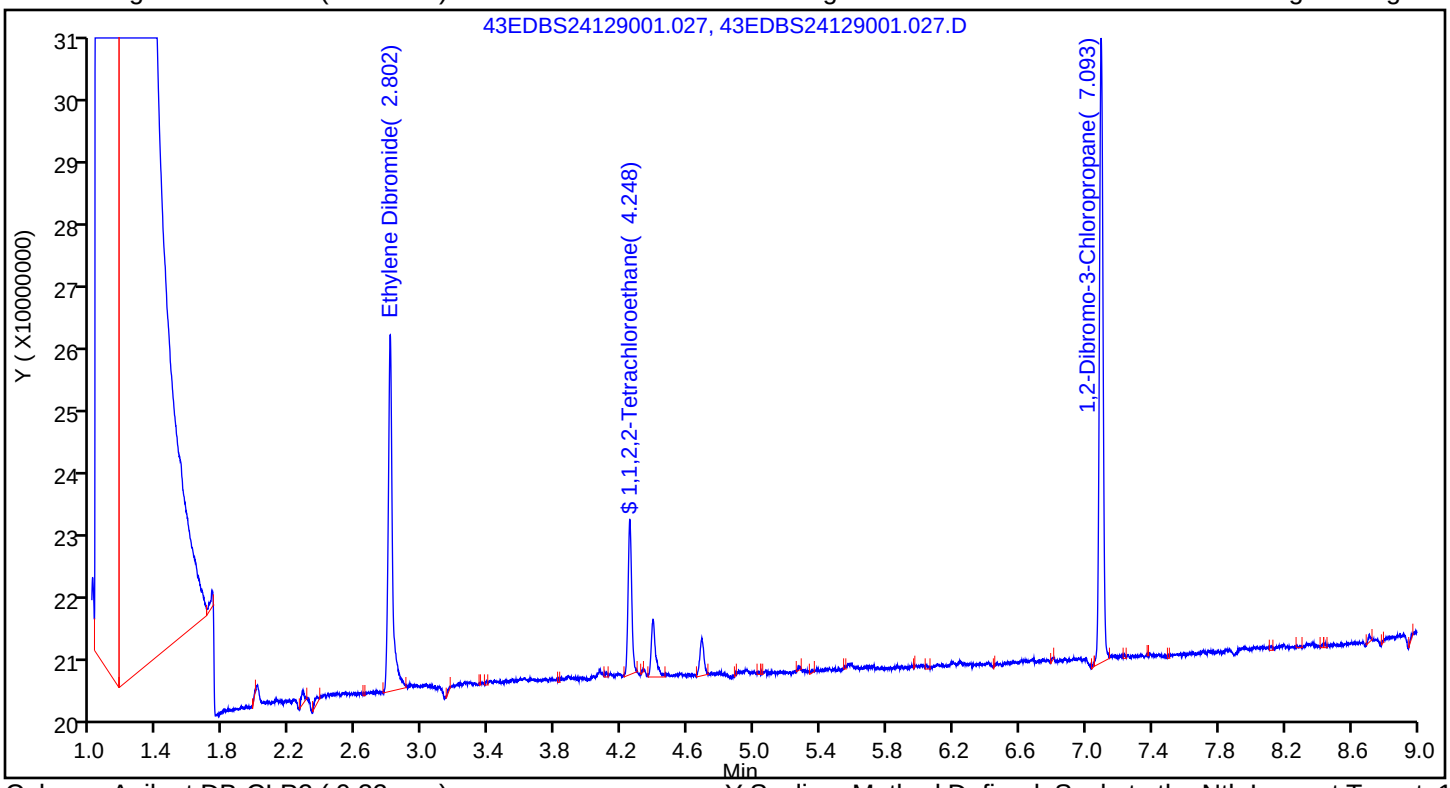
Client ID:

Operator ID: 120 ALS Bottle#: 0 Worklist Smp#: 27

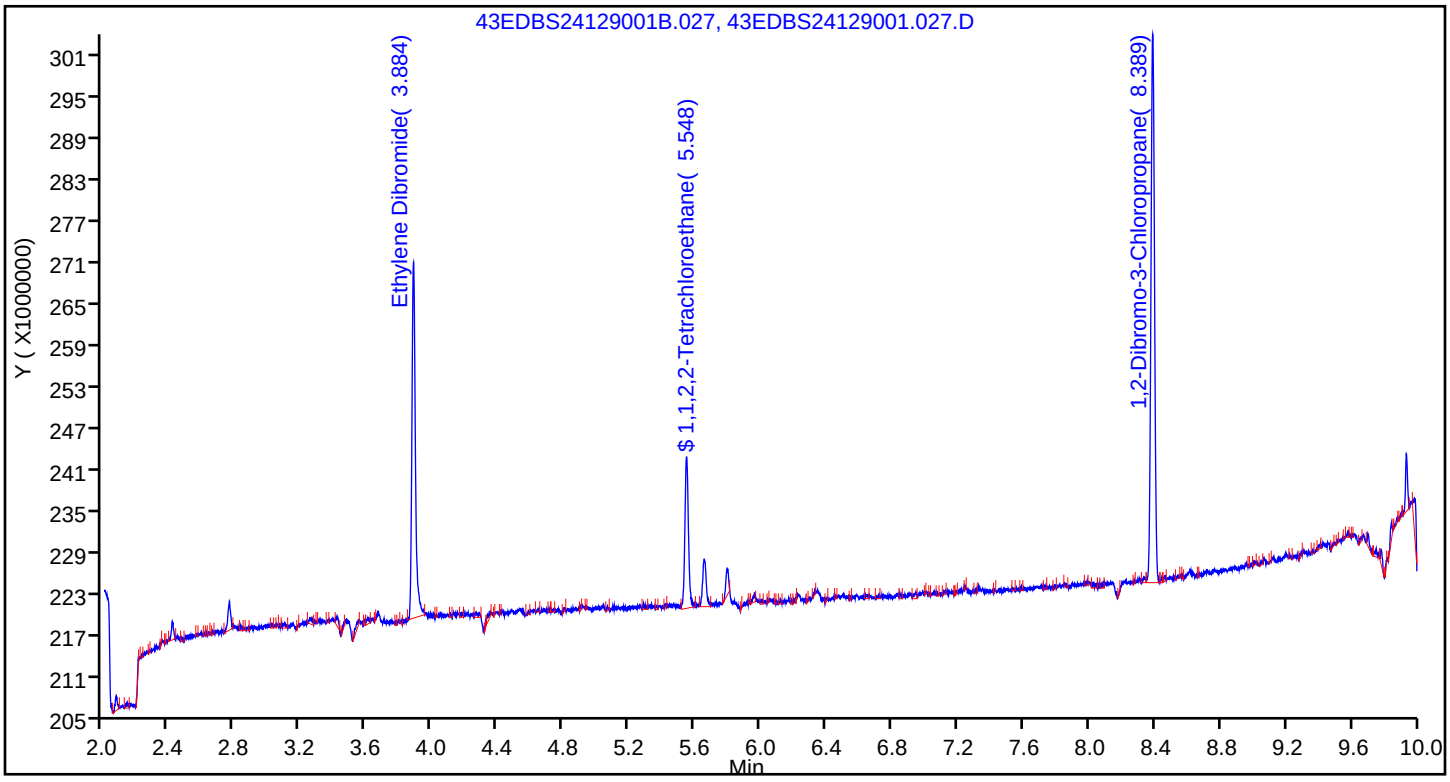
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846S Limit Group: GCSV - 8011 Solid

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-303245-1

SDG No.:

Lab Sample ID: CCVRT 410-505199/3 Calibration Date: 05/13/2024 08:54

Instrument ID: 19846 Calib Start Date: 05/08/2024 09:36

GC Column: DB CLP1 ID: 0.32(mm) Calib End Date: 05/08/2024 11:02

Lab File ID: 43EDBS24129002.003.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromoethane	Qua		19683611		2.43	2.51	-3.1	40.0
1,2-Dibromo-3-Chloropropane	Qua		34776128		2.47	2.50	-1.3	40.0
1,1,2,2-Tetrachloroethane (Surr)	Qua		19206243		1.27	1.23	3.3	40.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-303245-1

SDG No.:

Lab Sample ID: CCVRT 410-505199/3
Calibration Date: 05/13/2024 08:54

Instrument ID: 19846
Calib Start Date: 05/08/2024 09:36

GC Column: DB CLP1 ID: 0.32(mm)
Calib End Date: 05/08/2024 11:02

Lab File ID: 43EDBS24129002.003.D

Analyte	RT	RT WINDOW	
		FROM	TO
1,2-Dibromoethane	2.80	2.77	2.83
1,2-Dibromo-3-Chloropropane	7.10	7.07	7.13
1,1,2,2-Tetrachloroethane (Surr)	4.25	4.22	4.28

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240513-113723.b\43EDBS24129002.003.D
Lims ID: ccvrt
Client ID:
Sample Type: CCVRT
Inject. Date: 13-May-2024 08:54:00 ALS Bottle#: 0 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: ccvrt
Operator ID: 120 Instrument ID: 19846
Sublist: chrom-8011_19846S*sub1

Method: \\chromfs\Lancaster\ChromData\19846\20240513-113723.b\8011_19846S.m
Limit Group: GCSV - 8011 Solid
Last Update: 13-May-2024 14:02:12 Calib Date: 08-May-2024 11:02:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.009.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1642

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	2.803	2.803	0.000	49356654H	2.51	2.43	
2	3.884	3.884	0.000	47910519H	2.51	2.42	
						RPD = 0.54	
$ 2 1,1,2,2-Tetrachloroethane							
1	4.249	4.249	0.000	23671694H	1.23	1.27	
2	5.549	5.549	0.000	22026387H	1.23	1.28	
						RPD = 0.55	
3 1,2-Dibromo-3-Chloropropane							
1	7.095	7.095	0.000	86940321H	2.50	2.47	
2	8.390	8.390	0.000	72198917H	2.50	2.75	
						RPD = 10.69	

Reagents:

GCS_EDBS4_00043 Amount Added: 1.00 Units: mL

Report Date: 13-May-2024 14:02:13 Chrom Revision: 2.3 01-May-2024 15:52:26

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240513-113723.b\43EDBS24129002.003.D

Injection Date: 13-May-2024 08:54:00 Instrument ID: 19846

Lims ID: ccvrt

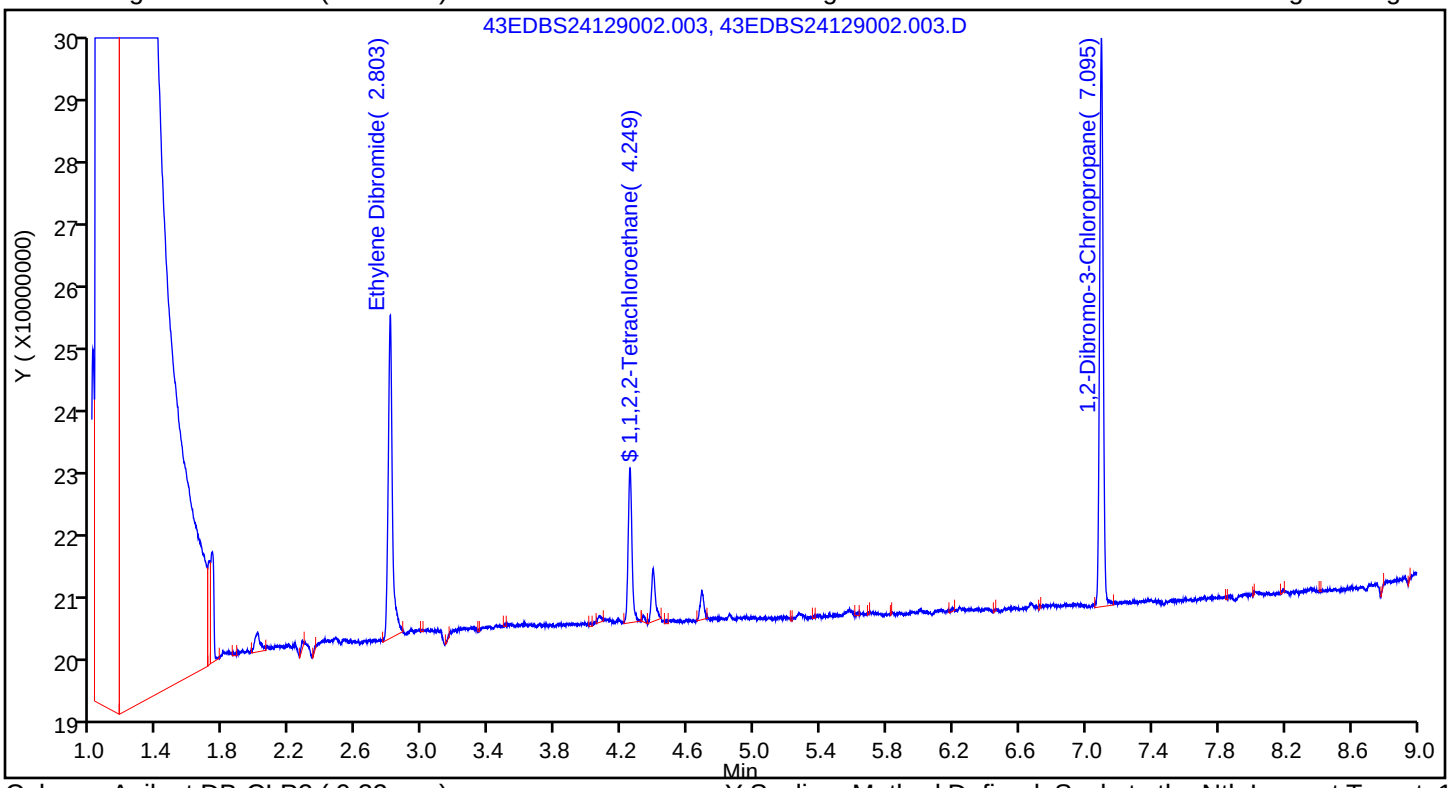
Client ID:

Operator ID: 120 ALS Bottle#: 0 Worklist Smp#: 3

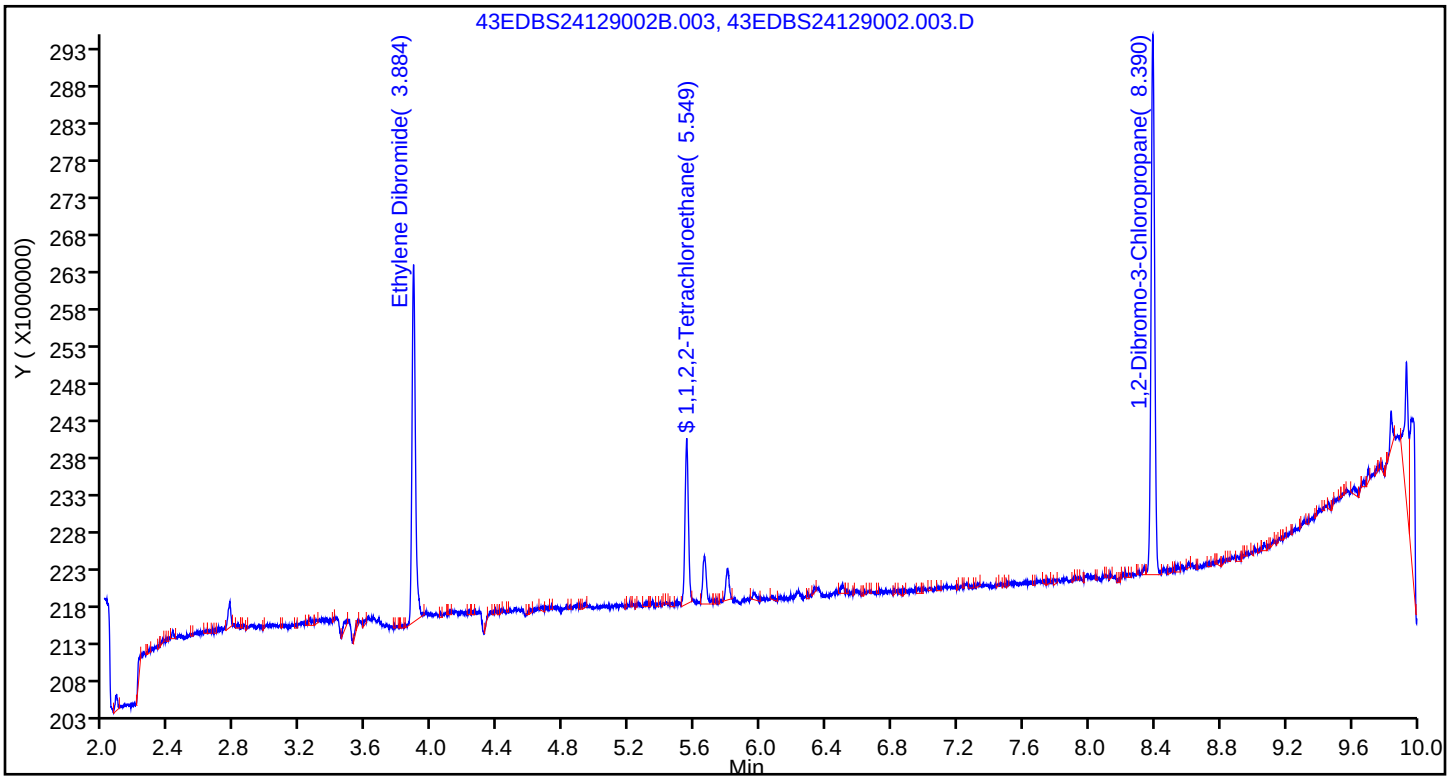
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846S Limit Group: GCSV - 8011 Solid

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-303245-1

SDG No.:

Lab Sample ID: CCVRT 410-505199/3 Calibration Date: 05/13/2024 08:54

Instrument ID: 19846 Calib Start Date: 05/08/2024 09:36

GC Column: DB CLP2 ID: 0.32(mm) Calib End Date: 05/08/2024 11:02

Lab File ID: 43EDBS24129002.003.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromoethane	Qua		19106887		2.42	2.51	-3.7	40.0
1,2-Dibromo-3-Chloropropane	Lin		28879567		2.75	2.50	9.9	40.0
1,1,2,2-Tetrachloroethane (Surr)	Qua		17871308		1.28	1.23	3.9	40.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-303245-1

SDG No.:

Lab Sample ID: CCVRT 410-505199/3
Calibration Date: 05/13/2024 08:54

Instrument ID: 19846
Calib Start Date: 05/08/2024 09:36

GC Column: DB CLP2 ID: 0.32(mm)
Calib End Date: 05/08/2024 11:02

Lab File ID: 43EDBS24129002.003.D

Analyte	RT	RT WINDOW	
		FROM	TO
1,2-Dibromoethane	3.88	3.85	3.91
1,2-Dibromo-3-Chloropropane	8.39	8.36	8.42
1,1,2,2-Tetrachloroethane (Surr)	5.55	5.52	5.58

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240513-113723.b\43EDBS24129002.003.D
Lims ID: ccvrt
Client ID:
Sample Type: CCVRT
Inject. Date: 13-May-2024 08:54:00 ALS Bottle#: 0 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: ccvrt
Operator ID: 120 Instrument ID: 19846
Sublist: chrom-8011_19846S*sub1

Method: \\chromfs\Lancaster\ChromData\19846\20240513-113723.b\8011_19846S.m
Limit Group: GCSV - 8011 Solid
Last Update: 13-May-2024 14:02:12 Calib Date: 08-May-2024 11:02:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.009.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1642

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	2.803	2.803	0.000	49356654H	2.51	2.43	
2	3.884	3.884	0.000	47910519H	2.51	2.42	
						RPD = 0.54	
$ 2 1,1,2,2-Tetrachloroethane							
1	4.249	4.249	0.000	23671694H	1.23	1.27	
2	5.549	5.549	0.000	22026387H	1.23	1.28	
						RPD = 0.55	
3 1,2-Dibromo-3-Chloropropane							
1	7.095	7.095	0.000	86940321H	2.50	2.47	
2	8.390	8.390	0.000	72198917H	2.50	2.75	
						RPD = 10.69	

Reagents:

GCS_EDBS4_00043 Amount Added: 1.00 Units: mL

Report Date: 13-May-2024 14:02:13 Chrom Revision: 2.3 01-May-2024 15:52:26

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240513-113723.b\43EDBS24129002.003.D

Injection Date: 13-May-2024 08:54:00 Instrument ID: 19846

Lims ID: ccvrt

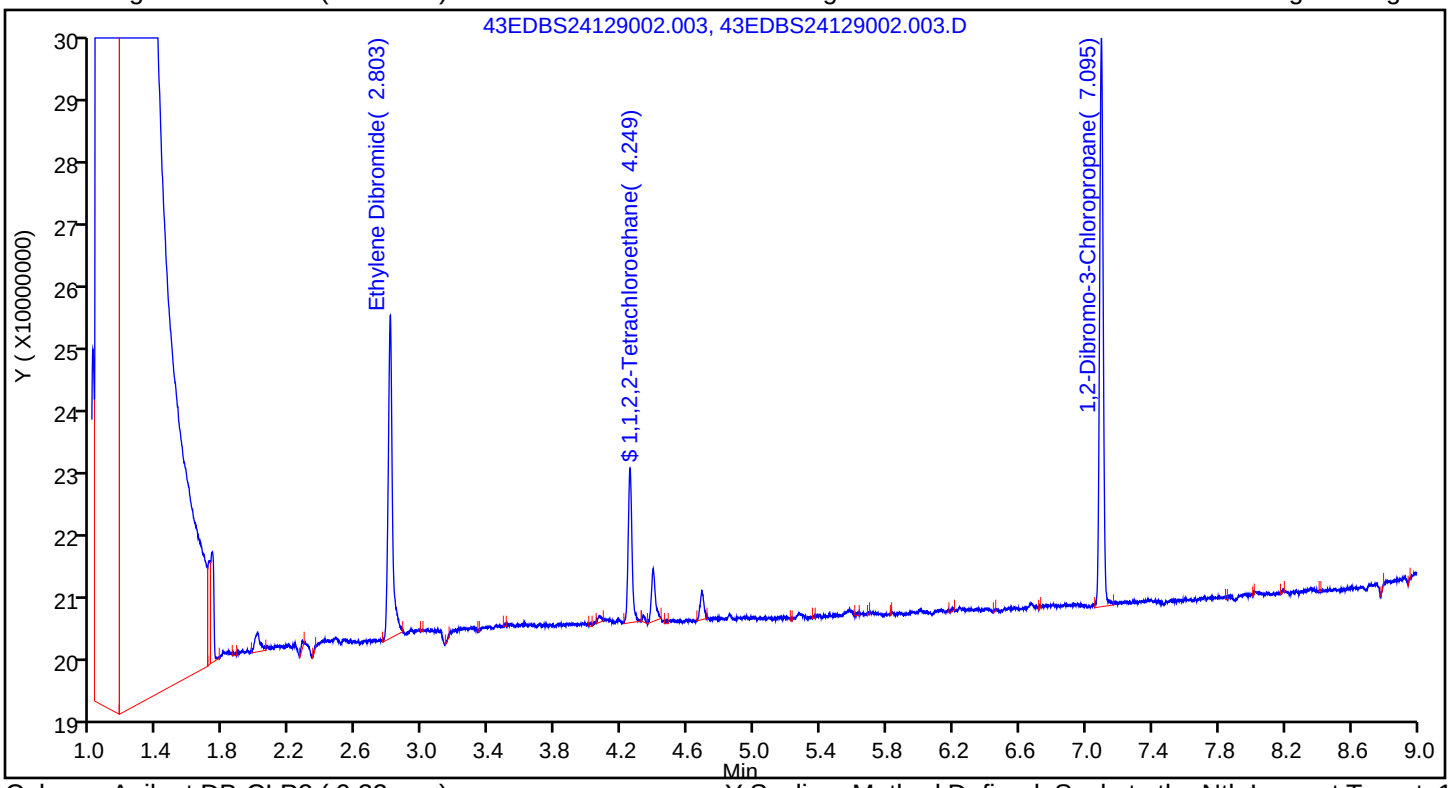
Client ID:

Operator ID: 120 ALS Bottle#: 0 Worklist Smp#: 3

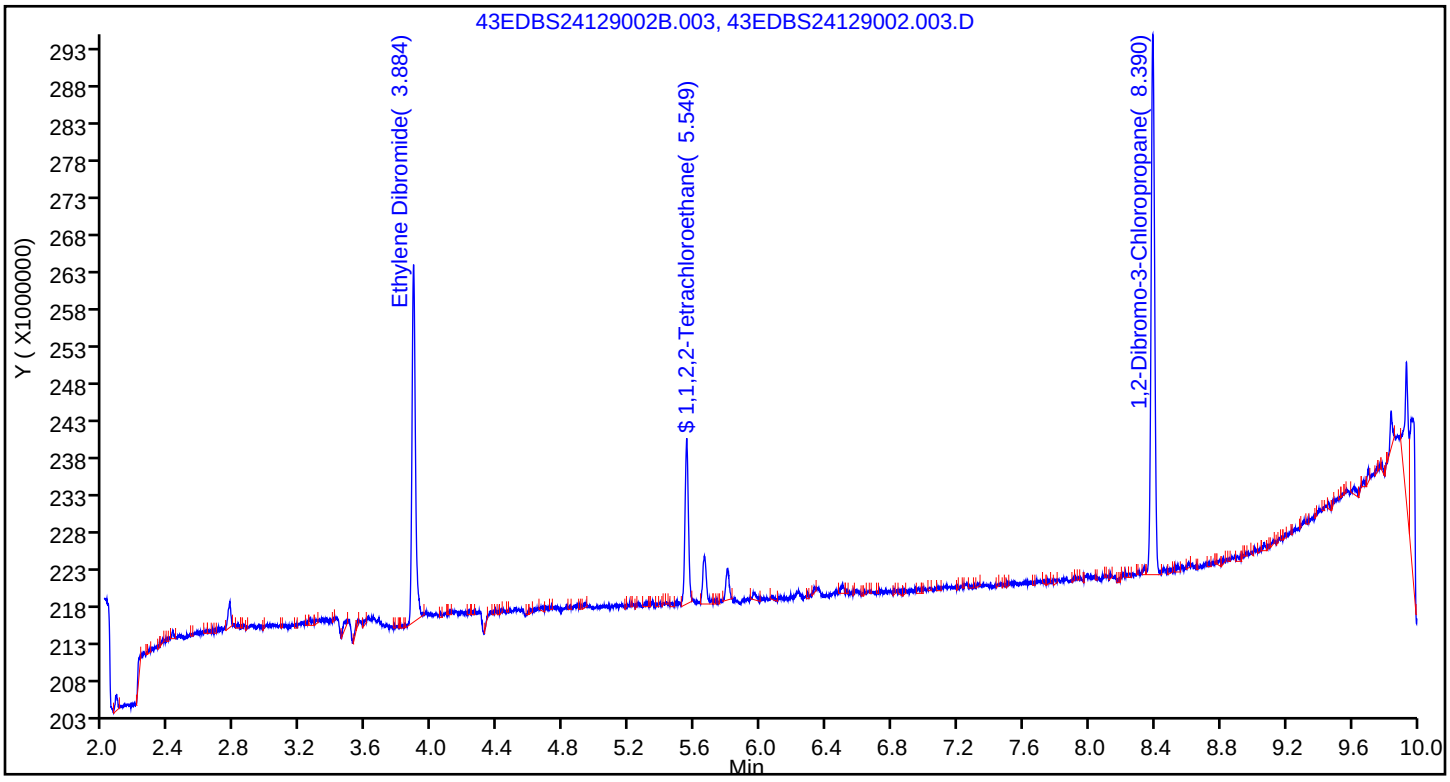
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846S Limit Group: GCSV - 8011 Solid

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-303245-1

SDG No.:

Lab Sample ID: CCV 410-505199/18 Calibration Date: 05/13/2024 13:11

Instrument ID: 19846 Calib Start Date: 05/08/2024 09:36

GC Column: DB CLP1 ID: 0.32(mm) Calib End Date: 05/08/2024 11:02

Lab File ID: 43EDBS24129002.018.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromoethane	Qua		18756368		2.29	2.51	-8.8	40.0
1,2-Dibromo-3-Chloropropane	Qua		34493206		2.44	2.50	-2.3	40.0
1,1,2,2-Tetrachloroethane (Surr)	Qua		18562714		1.22	1.23	-0.9	40.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-303245-1

SDG No.:

Lab Sample ID: CCV 410-505199/18
Calibration Date: 05/13/2024 13:11

Instrument ID: 19846
Calib Start Date: 05/08/2024 09:36

GC Column: DB CLP1 ID: 0.32(mm)
Calib End Date: 05/08/2024 11:02

Lab File ID: 43EDBS24129002.018.D

Analyte	RT	RT WINDOW	
		FROM	TO
1,2-Dibromoethane	2.80	2.77	2.83
1,2-Dibromo-3-Chloropropane	7.10	7.07	7.13
1,1,2,2-Tetrachloroethane (Surr)	4.25	4.22	4.28

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240513-113723.b\43EDBS24129002.018.D
Lims ID: ccv
Client ID:
Sample Type: CCV
Inject. Date: 13-May-2024 13:11:00 ALS Bottle#: 0 Worklist Smp#: 18
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: ccv
Operator ID: 120 Instrument ID: 19846
Sublist: chrom-8011_19846S*sub1

Method: \\chromfs\Lancaster\ChromData\19846\20240513-113723.b\8011_19846S.m
Limit Group: GCSV - 8011 Solid
Last Update: 13-May-2024 14:02:30 Calib Date: 08-May-2024 11:02:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.009.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1642

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	2.798	2.803	-0.005	47031592H	2.51	2.29	
2	3.883	3.884	-0.001	46358240H	2.51	2.32	
						RPD = 1.23	
$ 2 1,1,2,2-Tetrachloroethane							
1	4.248	4.249	-0.001	22878545H	1.23	1.22	
2	5.549	5.549	0.000	20942320H	1.23	1.21	
						RPD = 1.18	
3 1,2-Dibromo-3-Chloropropane							
1	7.096	7.095	0.001	86233015H	2.50	2.44	
2	8.391	8.390	0.001	71443922H	2.50	2.71	
						RPD = 10.51	

Reagents:

GCS_EDBS4_00043 Amount Added: 1.00 Units: mL

Report Date: 13-May-2024 14:02:31 Chrom Revision: 2.3 01-May-2024 15:52:26

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240513-113723.b\43EDBS24129002.018.D

Injection Date: 13-May-2024 13:11:00 Instrument ID: 19846

Lims ID: ccv

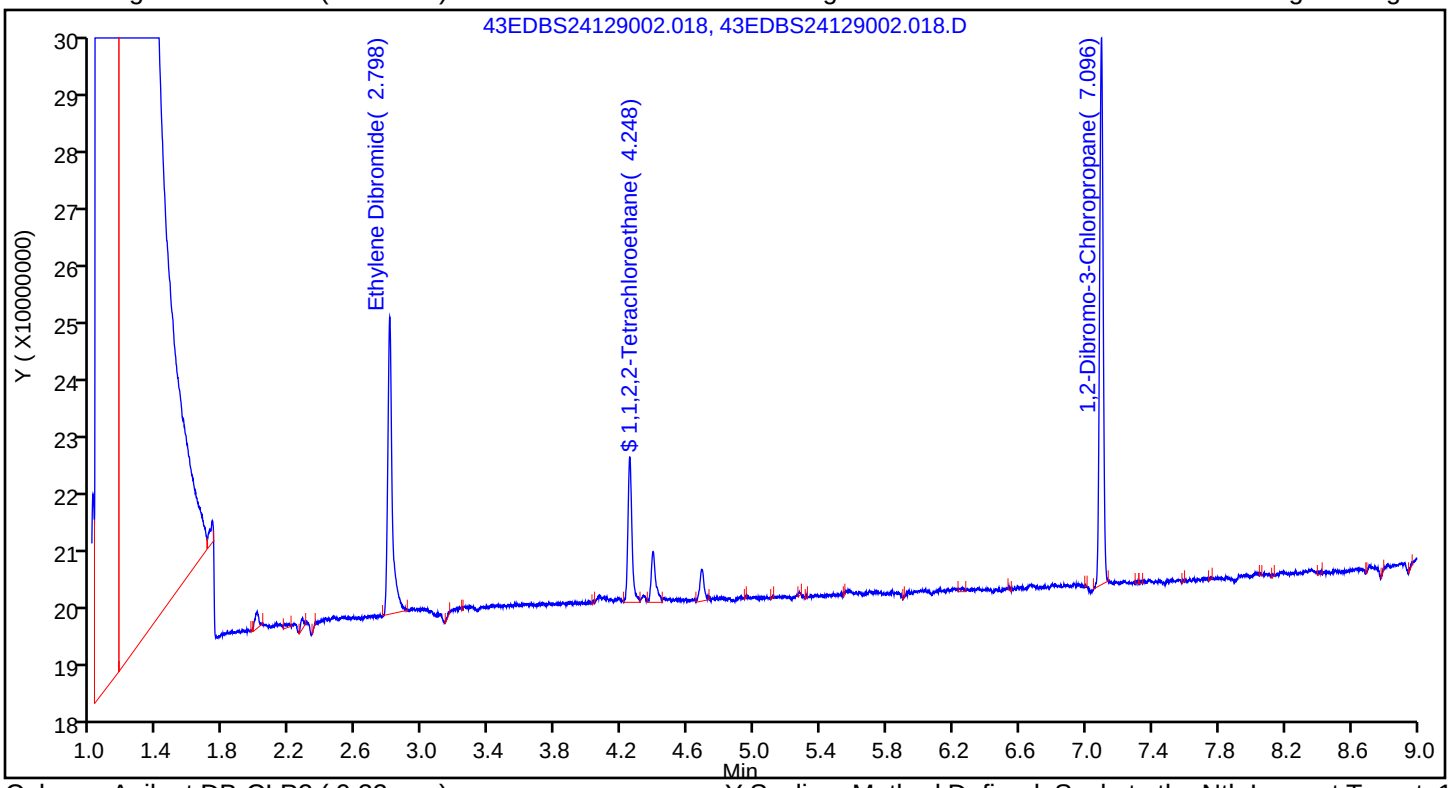
Client ID:

Operator ID: 120 ALS Bottle#: 0 Worklist Smp#: 18

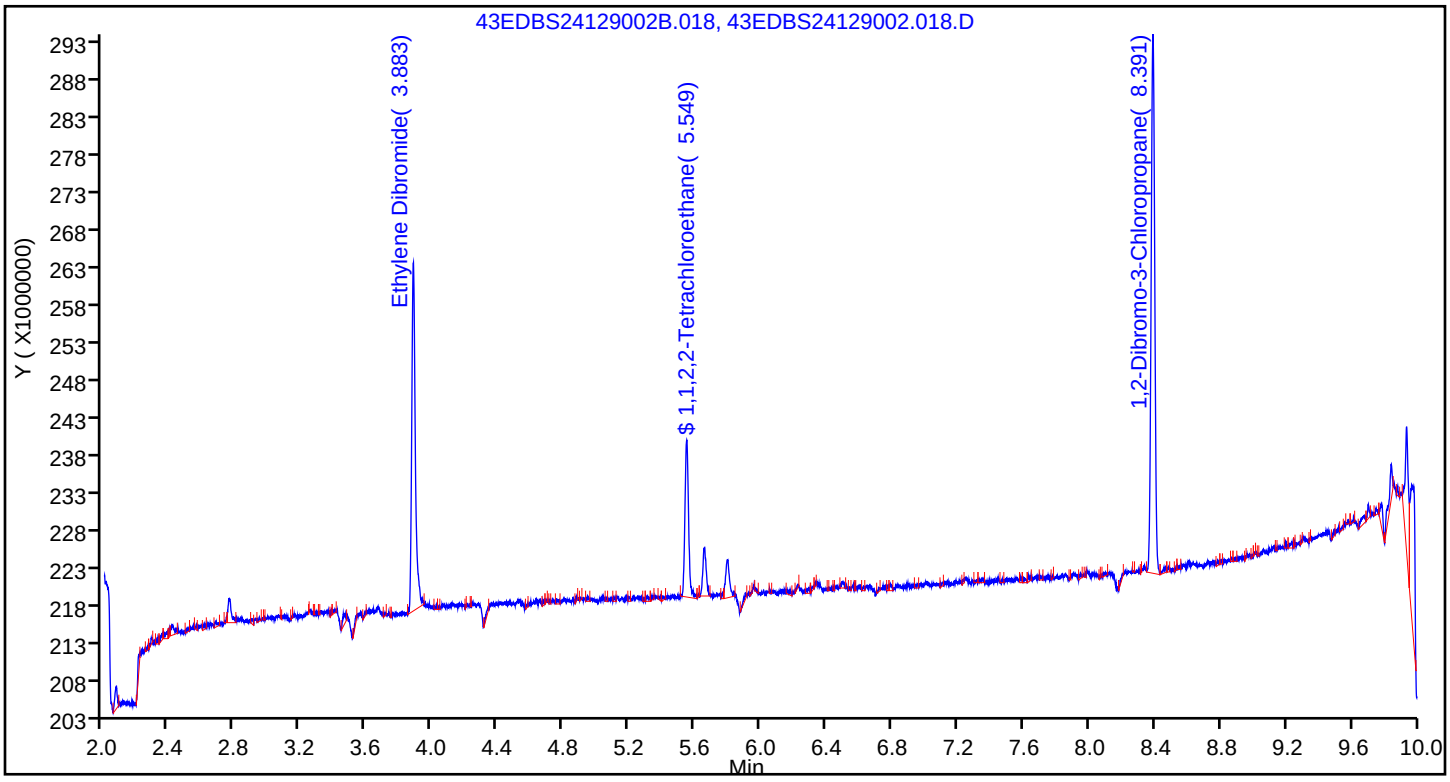
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846S Limit Group: GCSV - 8011 Solid

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-303245-1

SDG No.:

Lab Sample ID: CCV 410-505199/18 Calibration Date: 05/13/2024 13:11

Instrument ID: 19846 Calib Start Date: 05/08/2024 09:36

GC Column: DB CLP2 ID: 0.32(mm) Calib End Date: 05/08/2024 11:02

Lab File ID: 43EDBS24129002.018.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromoethane	Qua		18487833		2.32	2.51	-7.6	40.0
1,2-Dibromo-3-Chloropropane	Lin		28577569		2.71	2.50	8.6	40.0
1,1,2,2-Tetrachloroethane (Surr)	Qua		16991740		1.21	1.23	-2.0	40.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-303245-1

SDG No.:

Lab Sample ID: CCV 410-505199/18
Calibration Date: 05/13/2024 13:11

Instrument ID: 19846
Calib Start Date: 05/08/2024 09:36

GC Column: DB CLP2 ID: 0.32(mm)
Calib End Date: 05/08/2024 11:02

Lab File ID: 43EDBS24129002.018.D

Analyte	RT	RT WINDOW	
		FROM	TO
1,2-Dibromoethane	3.88	3.85	3.91
1,2-Dibromo-3-Chloropropane	8.39	8.36	8.42
1,1,2,2-Tetrachloroethane (Surr)	5.55	5.52	5.58

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240513-113723.b\43EDBS24129002.018.D
Lims ID: ccv
Client ID:
Sample Type: CCV
Inject. Date: 13-May-2024 13:11:00 ALS Bottle#: 0 Worklist Smp#: 18
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: ccv
Operator ID: 120 Instrument ID: 19846
Sublist: chrom-8011_19846S*sub1

Method: \\chromfs\Lancaster\ChromData\19846\20240513-113723.b\8011_19846S.m
Limit Group: GCSV - 8011 Solid
Last Update: 13-May-2024 14:02:30 Calib Date: 08-May-2024 11:02:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.009.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1642

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	2.798	2.803	-0.005	47031592H	2.51	2.29	
2	3.883	3.884	-0.001	46358240H	2.51	2.32	
						RPD = 1.23	
$ 2 1,1,2,2-Tetrachloroethane							
1	4.248	4.249	-0.001	22878545H	1.23	1.22	
2	5.549	5.549	0.000	20942320H	1.23	1.21	
						RPD = 1.18	
3 1,2-Dibromo-3-Chloropropane							
1	7.096	7.095	0.001	86233015H	2.50	2.44	
2	8.391	8.390	0.001	71443922H	2.50	2.71	
						RPD = 10.51	

Reagents:

GCS_EDBS4_00043 Amount Added: 1.00 Units: mL

Report Date: 13-May-2024 14:02:31 Chrom Revision: 2.3 01-May-2024 15:52:26

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240513-113723.b\43EDBS24129002.018.D

Injection Date: 13-May-2024 13:11:00 Instrument ID: 19846

Lims ID: ccv

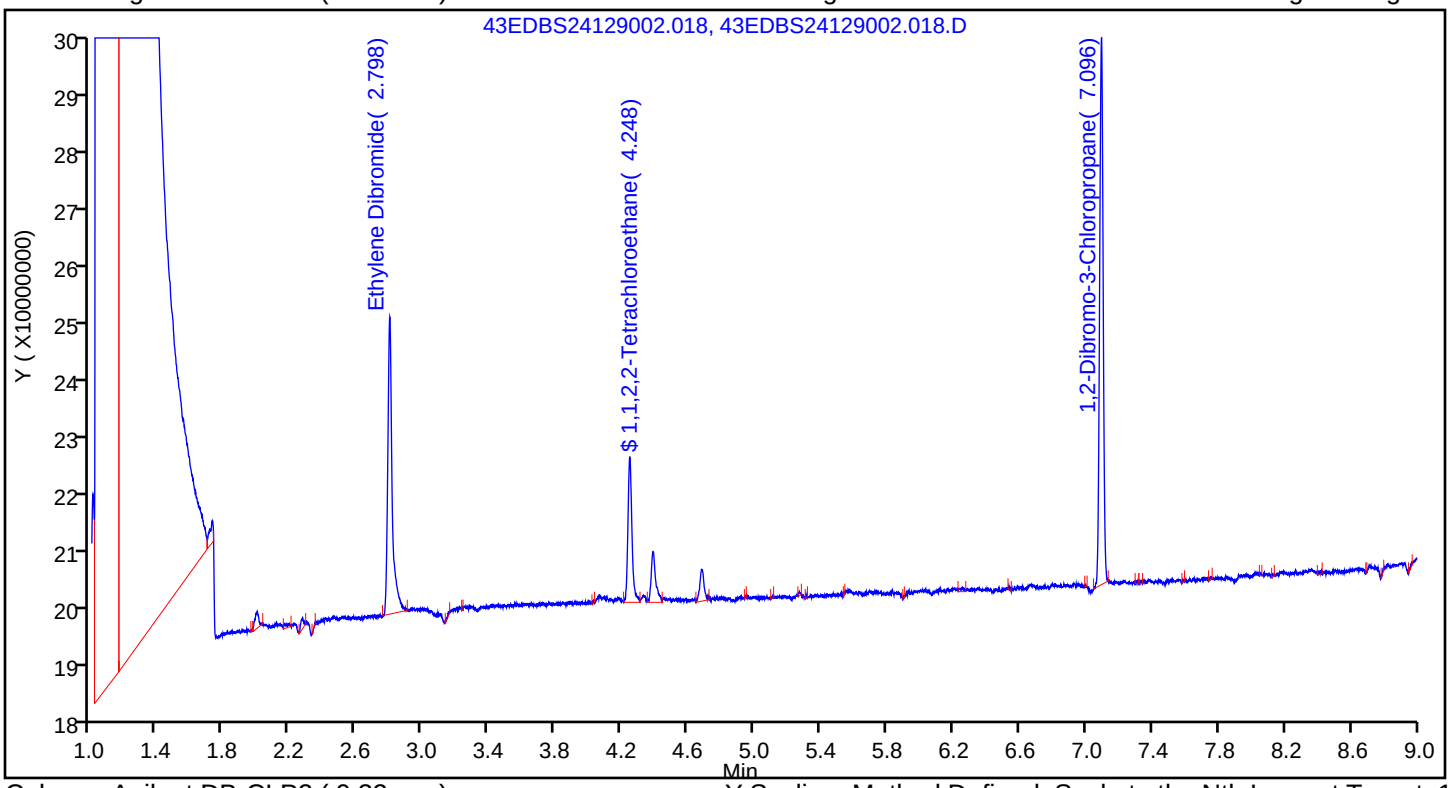
Client ID:

Operator ID: 120 ALS Bottle#: 0 Worklist Smp#: 18

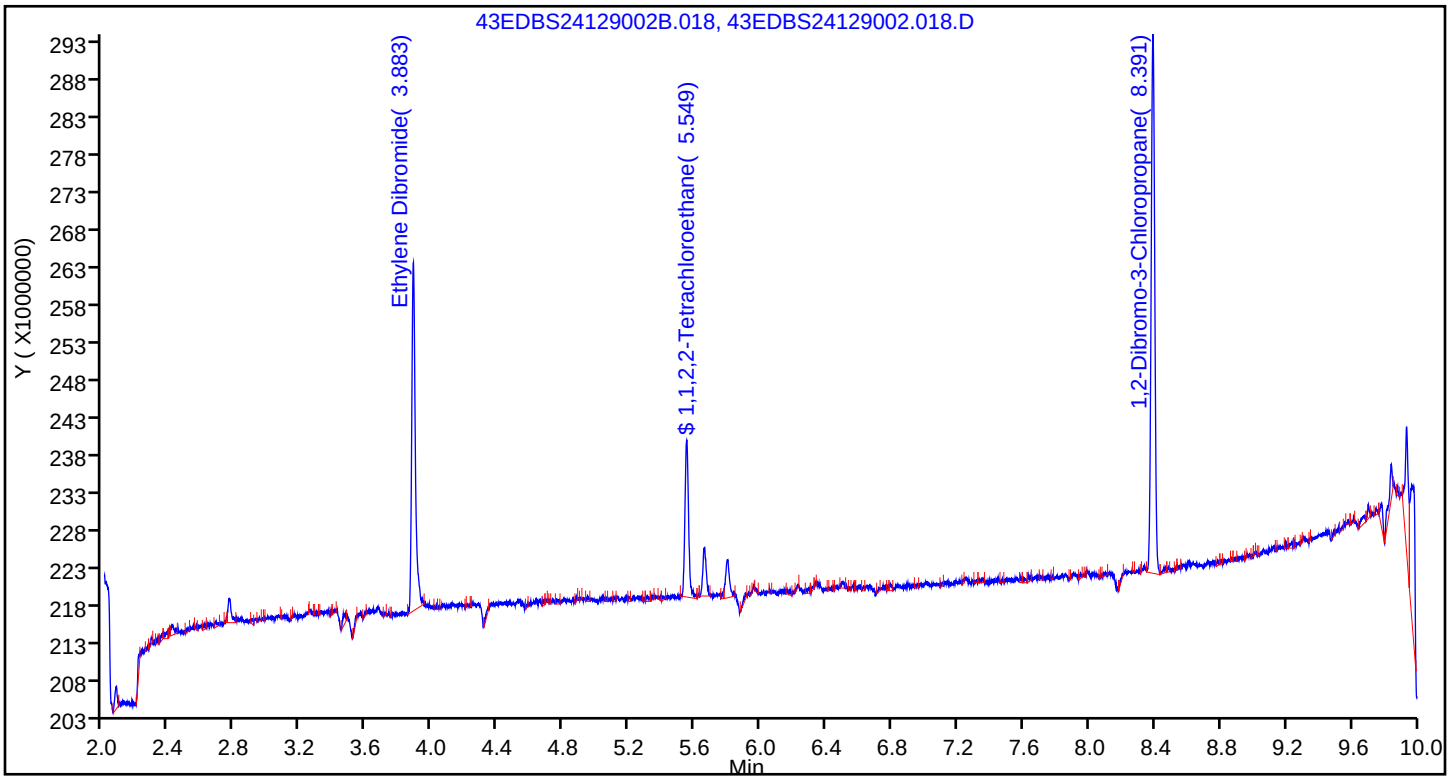
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846S Limit Group: GCSV - 8011 Solid

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-303245-1

SDG No.:

Lab Sample ID: ICV 410-505957/11 Calibration Date: 05/14/2024 14:55

Instrument ID: 19846 Calib Start Date: 05/14/2024 12:55

GC Column: DB CLP1 ID: 0.32(mm) Calib End Date: 05/14/2024 14:21

Lab File ID: 43EDBW24135001.011.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromoethane	Qua		20197102		1.24	1.26	-1.4	40.0
1,2-Dibromo-3-Chloropropane	Qua		40901092		1.29	1.25	3.1	40.0
1,1,2,2-Tetrachloroethane (Surr)	Qua		21542648		0.633	0.616	2.8	40.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-303245-1

SDG No.:

Lab Sample ID: ICV 410-505957/11
Calibration Date: 05/14/2024 14:55

Instrument ID: 19846
Calib Start Date: 05/14/2024 12:55

GC Column: DB CLP1 ID: 0.32(mm)
Calib End Date: 05/14/2024 14:21

Lab File ID: 43EDBW24135001.011.D

Analyte	RT	RT WINDOW	
		FROM	TO
1,2-Dibromoethane	2.80	2.77	2.83
1,2-Dibromo-3-Chloropropane	7.09	7.06	7.12
1,1,2,2-Tetrachloroethane (Surr)	4.25	4.22	4.28

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\43EDBW24135001.011.D
Lims ID: icv
Client ID:
Sample Type: ICV
Inject. Date: 14-May-2024 14:55:00 ALS Bottle#: 0 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: icv
Operator ID: 120 Instrument ID: 19846
Sublist:

Method: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\8011_19846.m
Limit Group: GCSV - 8011 Waters
Last Update: 15-May-2024 07:14:01 Calib Date: 14-May-2024 14:21:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\43EDBW24135001.009.D

Column 1 : DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1682

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	2.800	2.804	-0.004	25498841H	1.26	1.24	
2	3.881	3.883	-0.002	25586674H	1.26	1.24	
						RPD = 0.02	
$ 2 1,1,2,2-Tetrachloroethane							
1	4.248	4.248	0.000	13275657H	0.6163	0.6333	
2	5.547	5.548	-0.001	12247841H	0.6163	0.6153	
						RPD = 2.88	
3 1,2-Dibromo-3-Chloropropane							
1	7.092	7.093	-0.001	51075239H	1.25	1.29	
2	8.389	8.388	0.001	41636651H	1.25	1.23	
						RPD = 4.55	

Reagents:

GCS_EDBICV_00041 Amount Added: 1.00 Units: mL

Report Date: 15-May-2024 07:14:49 Chrom Revision: 2.3 01-May-2024 15:52:26

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\43EDBW24135001.011.D

Injection Date: 14-May-2024 14:55:00 Instrument ID: 19846

Lims ID: icv

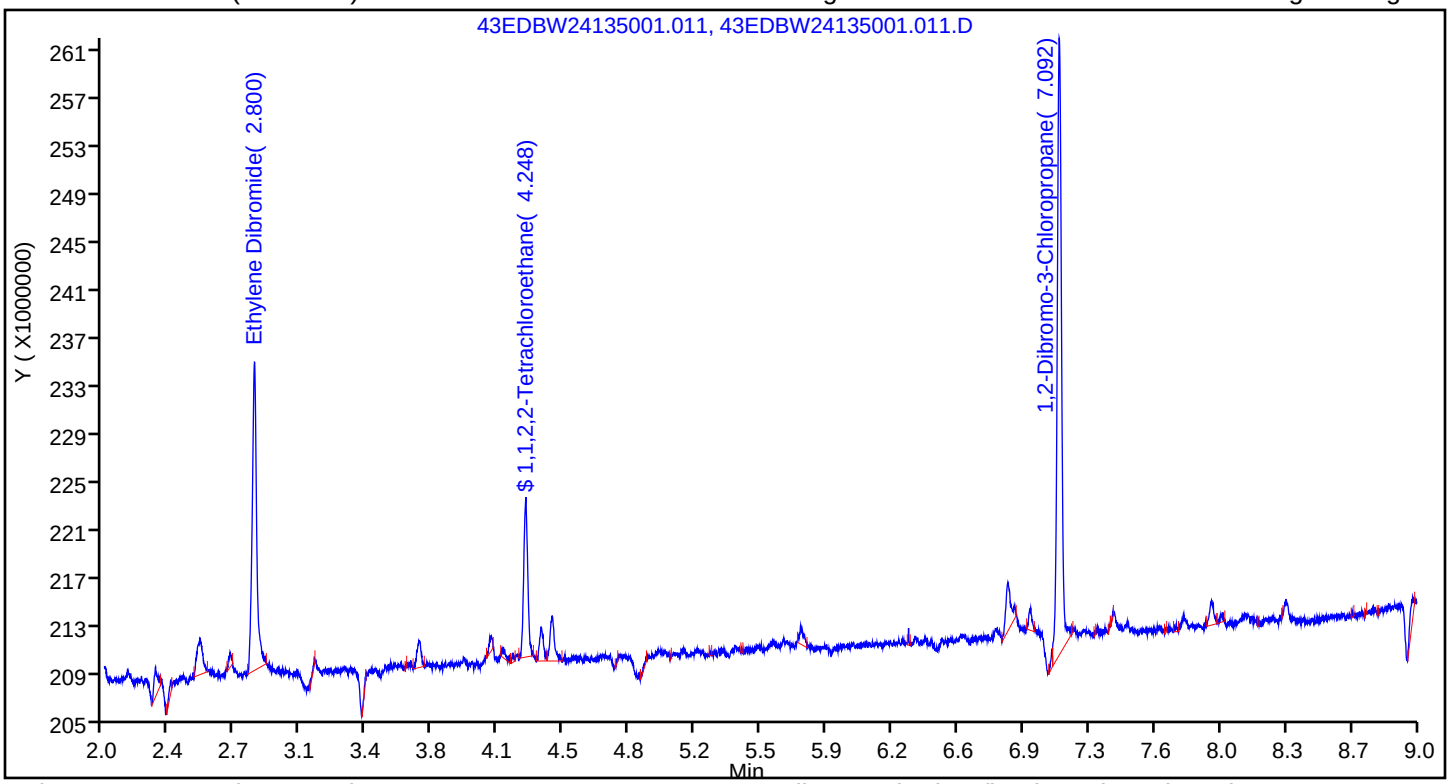
Client ID:

Operator ID: 120 ALS Bottle#: 0 Worklist Smp#: 11

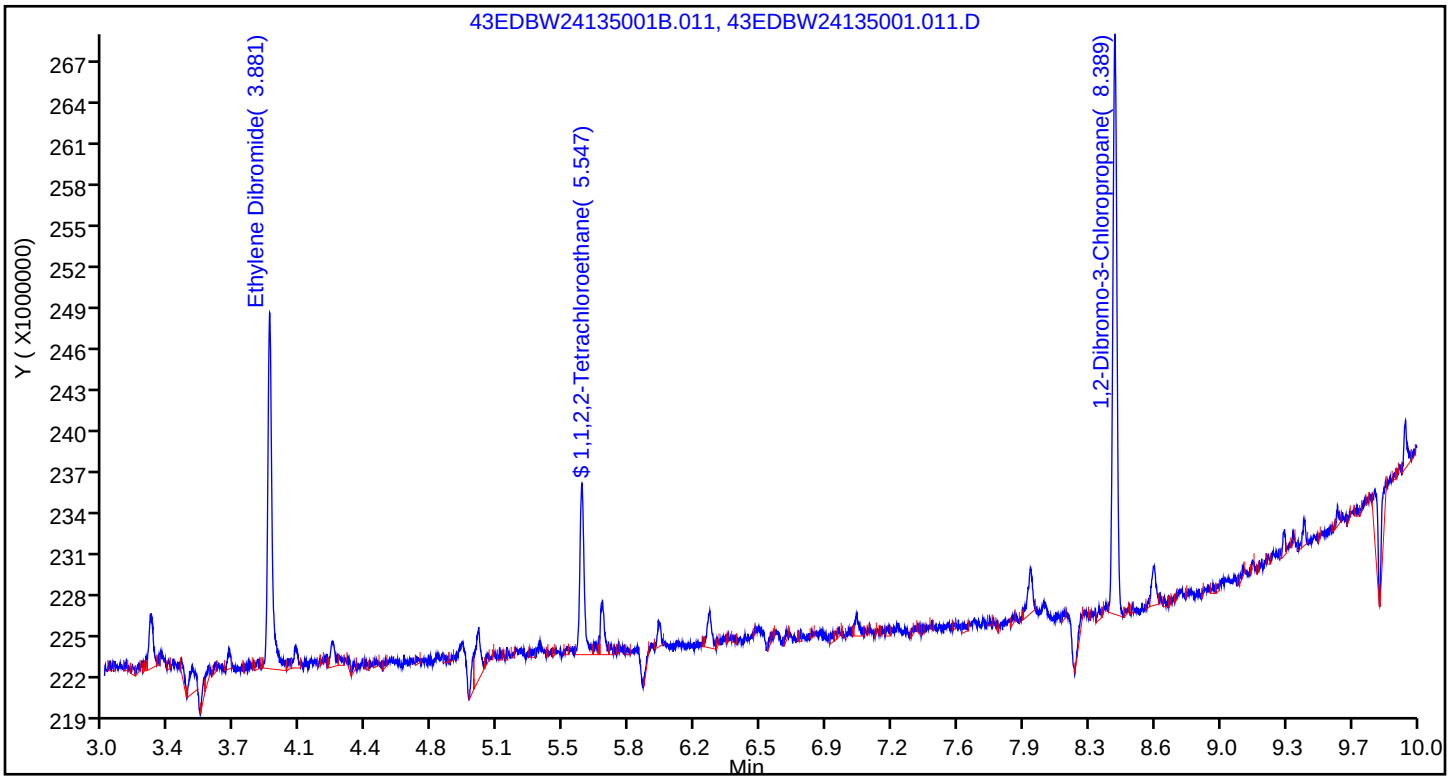
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846 Limit Group: GCSV - 8011 Waters

Column: DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-303245-1

SDG No.:

Lab Sample ID: ICV 410-505957/11 Calibration Date: 05/14/2024 14:55

Instrument ID: 19846 Calib Start Date: 05/14/2024 12:55

GC Column: DB CLP2 ID: 0.32(mm) Calib End Date: 05/14/2024 14:21

Lab File ID: 43EDBW24135001.011.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromoethane	Ave	20566484	20266672		1.24	1.26	-1.5	40.0
1,2-Dibromo-3-Chloropropane	Qua		33342663		1.23	1.25	-1.5	40.0
1,1,2,2-Tetrachloroethane (Surr)	Qua		19874793		0.615	0.616	-0.1	40.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-303245-1

SDG No.:

Lab Sample ID: ICV 410-505957/11
Calibration Date: 05/14/2024 14:55

Instrument ID: 19846
Calib Start Date: 05/14/2024 12:55

GC Column: DB CLP2 ID: 0.32(mm)
Calib End Date: 05/14/2024 14:21

Lab File ID: 43EDBW24135001.011.D

Analyte	RT	RT WINDOW	
		FROM	TO
1,2-Dibromoethane	3.88	3.85	3.91
1,2-Dibromo-3-Chloropropane	8.39	8.36	8.42
1,1,2,2-Tetrachloroethane (Surr)	5.55	5.52	5.58

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\43EDBW24135001.011.D
Lims ID: icv
Client ID:
Sample Type: ICV
Inject. Date: 14-May-2024 14:55:00 ALS Bottle#: 0 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: icv
Operator ID: 120 Instrument ID: 19846
Sublist:

Method: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\8011_19846.m
Limit Group: GCSV - 8011 Waters
Last Update: 15-May-2024 07:14:01 Calib Date: 14-May-2024 14:21:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\43EDBW24135001.009.D

Column 1 : DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1682

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	2.800	2.804	-0.004	25498841H	1.26	1.24	
2	3.881	3.883	-0.002	25586674H	1.26	1.24	
						RPD = 0.02	
$ 2 1,1,2,2-Tetrachloroethane							
1	4.248	4.248	0.000	13275657H	0.6163	0.6333	
2	5.547	5.548	-0.001	12247841H	0.6163	0.6153	
						RPD = 2.88	
3 1,2-Dibromo-3-Chloropropane							
1	7.092	7.093	-0.001	51075239H	1.25	1.29	
2	8.389	8.388	0.001	41636651H	1.25	1.23	
						RPD = 4.55	

Reagents:

GCS_EDBICV_00041 Amount Added: 1.00 Units: mL

Report Date: 15-May-2024 07:14:49 Chrom Revision: 2.3 01-May-2024 15:52:26

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\43EDBW24135001.011.D

Injection Date: 14-May-2024 14:55:00 Instrument ID: 19846

Lims ID: icv

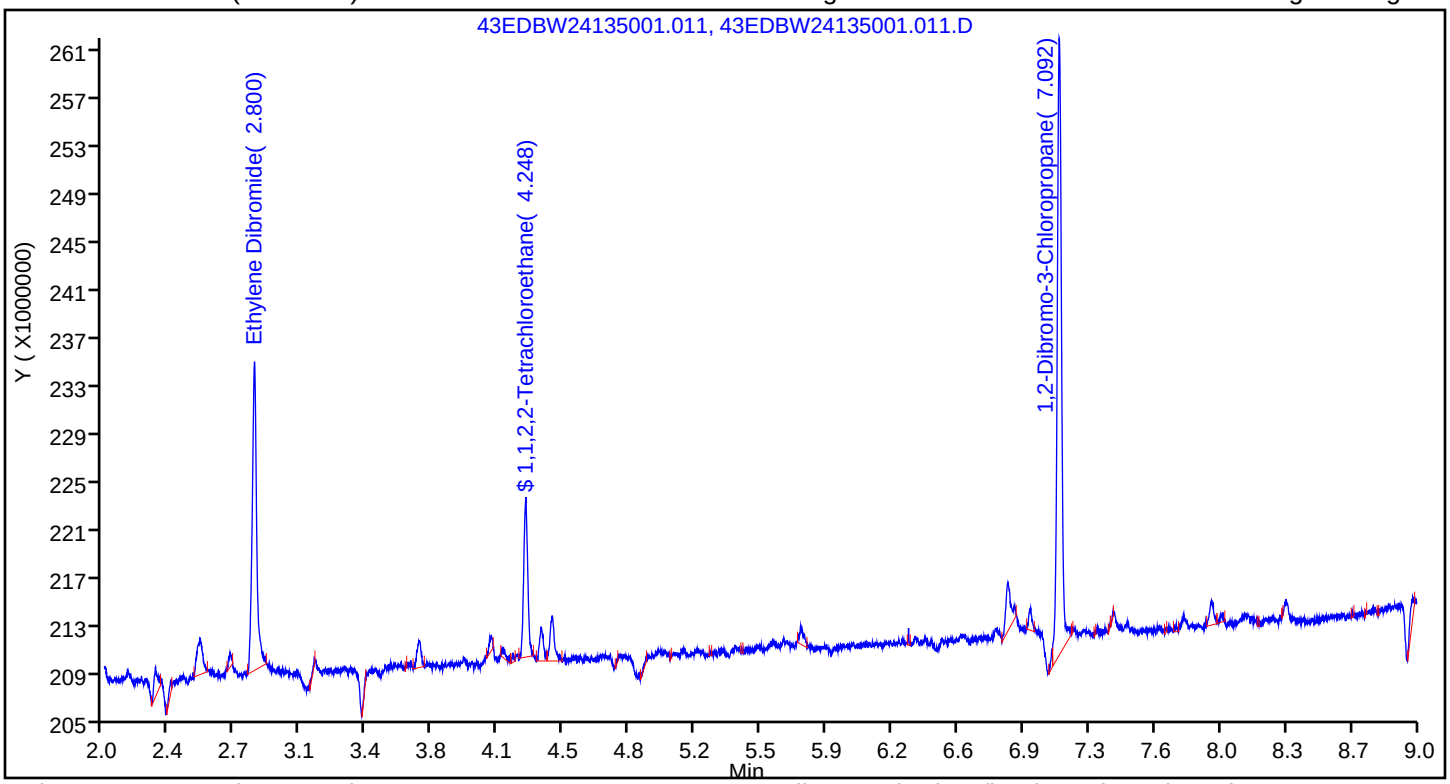
Client ID:

Operator ID: 120 ALS Bottle#: 0 Worklist Smp#: 11

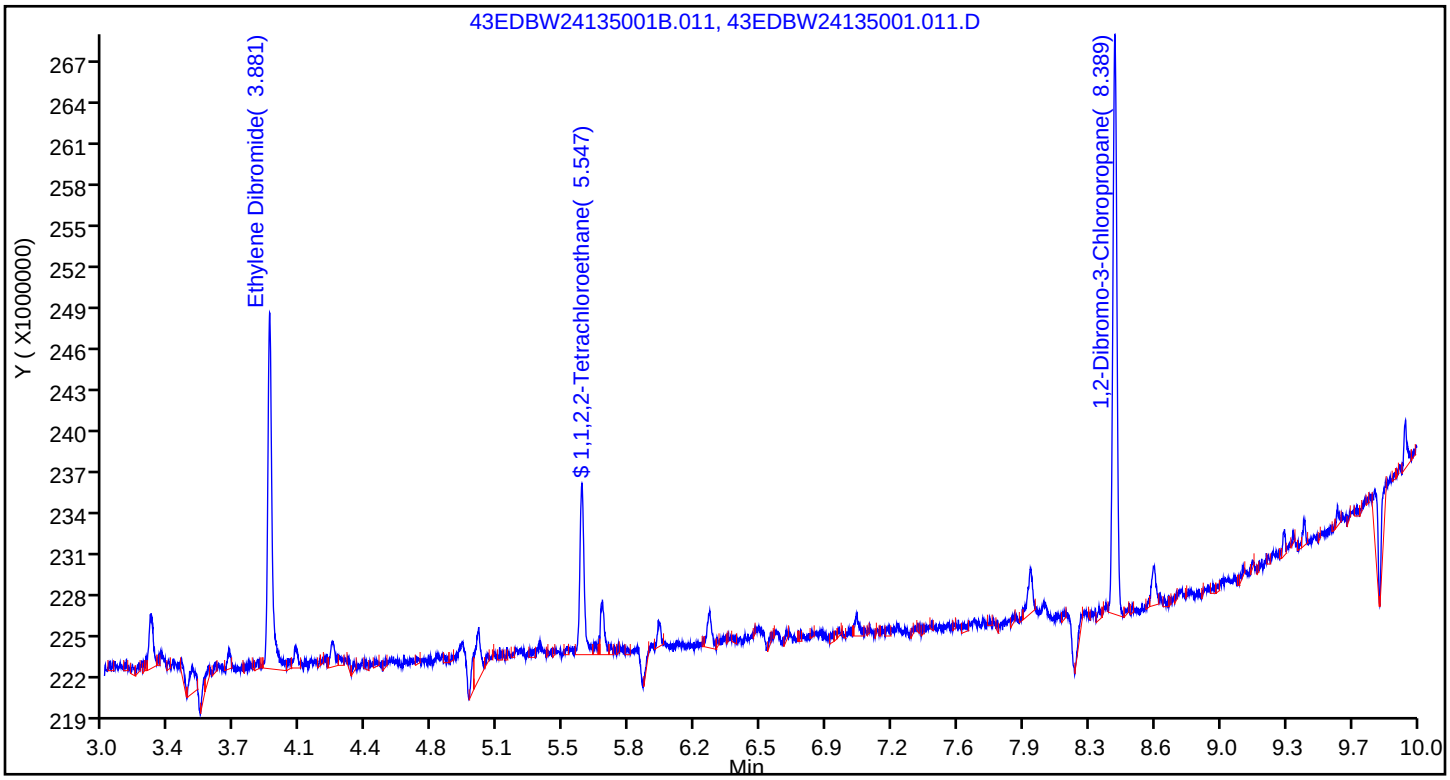
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846 Limit Group: GCSV - 8011 Waters

Column: DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-303245-1

SDG No.:

Lab Sample ID: CCV 410-505957/22 Calibration Date: 05/14/2024 18:04

Instrument ID: 19846 Calib Start Date: 05/14/2024 12:55

GC Column: DB CLP1 ID: 0.32(mm) Calib End Date: 05/14/2024 14:21

Lab File ID: 43EDBW24135001.022.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromoethane	Qua		18634533		2.21	2.51	-11.9	40.0
1,2-Dibromo-3-Chloropropane	Qua		36768694		2.29	2.50	-8.5	40.0
1,1,2,2-Tetrachloroethane (Surr)	Qua		19775747		1.11	1.23	-9.8	40.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-303245-1

SDG No.:

Lab Sample ID: CCV 410-505957/22
Calibration Date: 05/14/2024 18:04

Instrument ID: 19846
Calib Start Date: 05/14/2024 12:55

GC Column: DB CLP1 ID: 0.32(mm)
Calib End Date: 05/14/2024 14:21

Lab File ID: 43EDBW24135001.022.D

Analyte	RT	RT WINDOW	
		FROM	TO
1,2-Dibromoethane	2.79	2.77	2.83
1,2-Dibromo-3-Chloropropane	7.09	7.06	7.12
1,1,2,2-Tetrachloroethane (Surr)	4.24	4.22	4.28

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\43EDBW24135001.022.D
Lims ID: ccv
Client ID:
Sample Type: CCV
Inject. Date: 14-May-2024 18:04:00 ALS Bottle#: 0 Worklist Smp#: 22
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: ccv
Operator ID: 120 Instrument ID: 19846
Sublist: chrom-8011_19846*sub2

Method: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\8011_19846.m
Limit Group: GCSV - 8011 Waters
Last Update: 15-May-2024 11:01:36 Calib Date: 14-May-2024 14:21:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\43EDBW24135001.009.D

Column 1 : DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1682

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	2.793	2.804	-0.011	46726092H	2.51	2.21	
2	3.876	3.883	-0.007	46530093H	2.51	2.26	
						RPD = 2.44	
$ 2 1,1,2,2-Tetrachloroethane							
1	4.243	4.248	-0.005	24373608H	1.23	1.11	
2	5.543	5.548	-0.005	22753325H	1.23	1.11	
						RPD = 0.23	
3 1,2-Dibromo-3-Chloropropane							
1	7.092	7.093	-0.001	91921736H	2.50	2.29	
2	8.388	8.388	0.000	79684491H	2.50	2.41	
						RPD = 5.36	

Reagents:

GCS_EDB4_00031 Amount Added: 1.00 Units: mL

Report Date: 15-May-2024 11:01:37 Chrom Revision: 2.3 01-May-2024 15:52:26

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\43EDBW24135001.022.D

Injection Date: 14-May-2024 18:04:00 Instrument ID: 19846

Lims ID: ccv

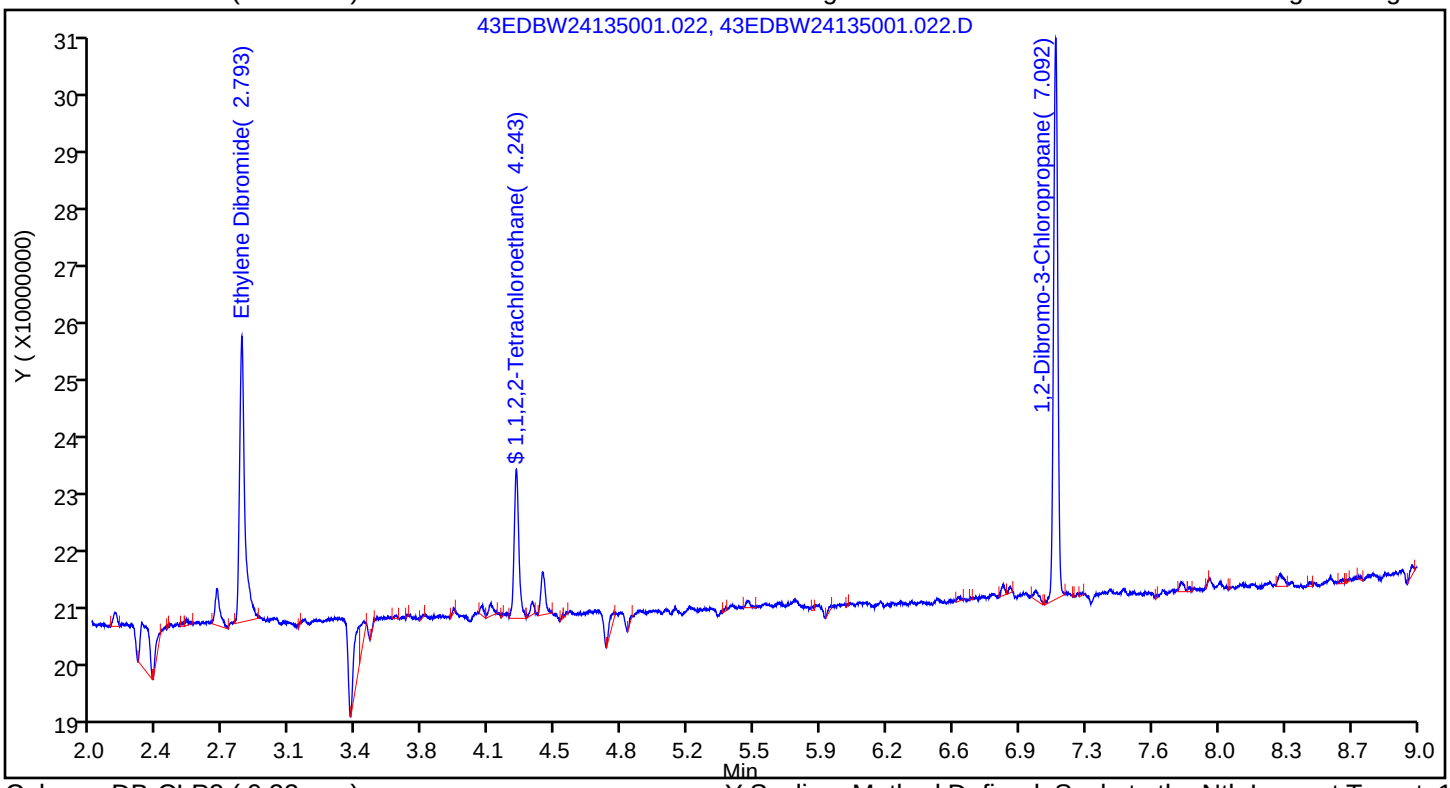
Client ID:

Operator ID: 120 ALS Bottle#: 0 Worklist Smp#: 22

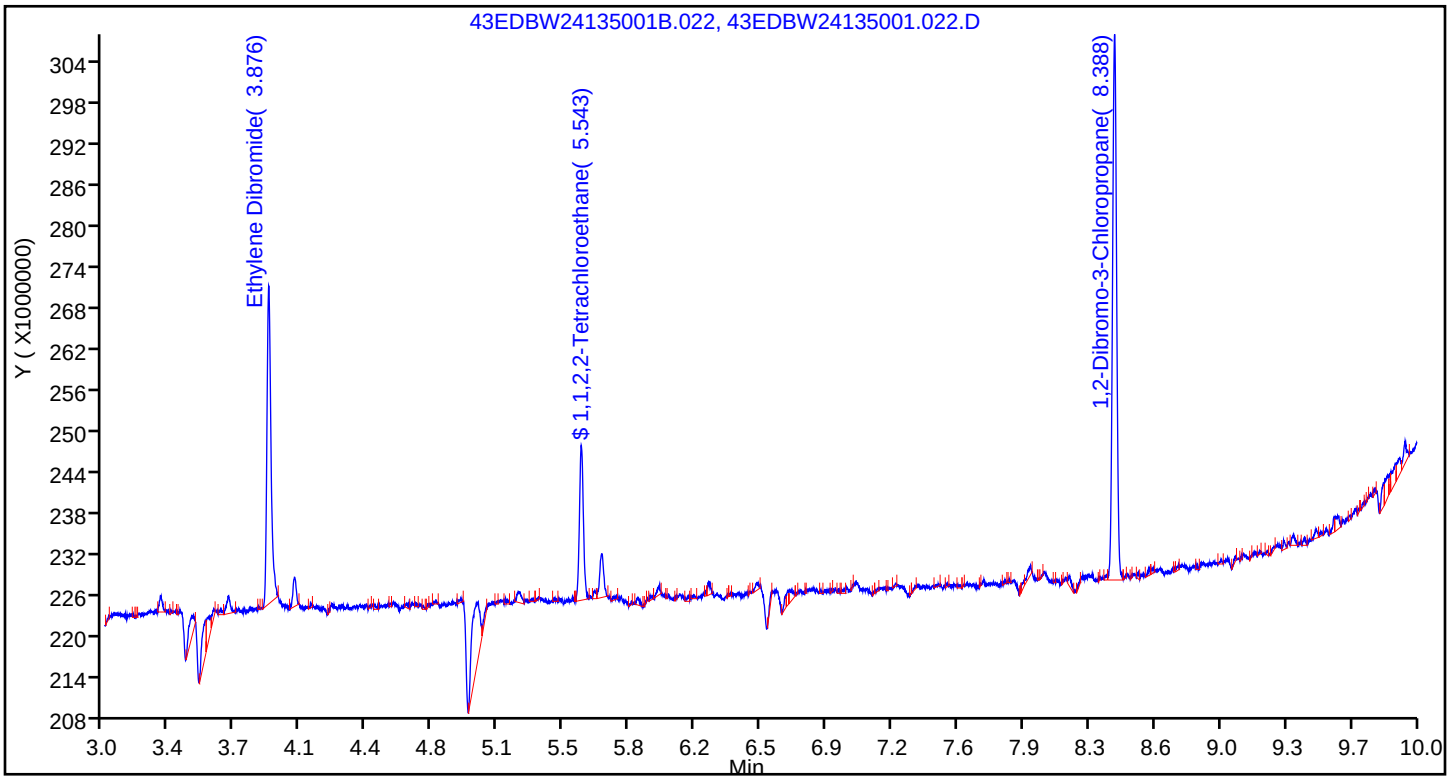
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846 Limit Group: GCSV - 8011 Waters

Column: DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-303245-1

SDG No.:

Lab Sample ID: CCV 410-505957/22 Calibration Date: 05/14/2024 18:04

Instrument ID: 19846 Calib Start Date: 05/14/2024 12:55

GC Column: DB CLP2 ID: 0.32(mm) Calib End Date: 05/14/2024 14:21

Lab File ID: 43EDBW24135001.022.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromoethane	Ave	20566484	18556368		2.26	2.51	-9.8	40.0
1,2-Dibromo-3-Chloropropane	Qua		31873796		2.41	2.50	-3.4	40.0
1,1,2,2-Tetrachloroethane (Surr)	Qua		18461116		1.11	1.23	-10.0	40.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-303245-1

SDG No.:

Lab Sample ID: CCV 410-505957/22
Calibration Date: 05/14/2024 18:04

Instrument ID: 19846
Calib Start Date: 05/14/2024 12:55

GC Column: DB CLP2 ID: 0.32(mm)
Calib End Date: 05/14/2024 14:21

Lab File ID: 43EDBW24135001.022.D

Analyte	RT	RT WINDOW	
		FROM	TO
1,2-Dibromoethane	3.88	3.85	3.91
1,2-Dibromo-3-Chloropropane	8.39	8.36	8.42
1,1,2,2-Tetrachloroethane (Surr)	5.54	5.52	5.58

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\43EDBW24135001.022.D
Lims ID: ccv
Client ID:
Sample Type: CCV
Inject. Date: 14-May-2024 18:04:00 ALS Bottle#: 0 Worklist Smp#: 22
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: ccv
Operator ID: 120 Instrument ID: 19846
Sublist: chrom-8011_19846*sub2

Method: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\8011_19846.m
Limit Group: GCSV - 8011 Waters
Last Update: 15-May-2024 11:01:36 Calib Date: 14-May-2024 14:21:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\43EDBW24135001.009.D

Column 1 : DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1682

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	2.793	2.804	-0.011	46726092H	2.51	2.21	
2	3.876	3.883	-0.007	46530093H	2.51	2.26	
						RPD = 2.44	
$ 2 1,1,2,2-Tetrachloroethane							
1	4.243	4.248	-0.005	24373608H	1.23	1.11	
2	5.543	5.548	-0.005	22753325H	1.23	1.11	
						RPD = 0.23	
3 1,2-Dibromo-3-Chloropropane							
1	7.092	7.093	-0.001	91921736H	2.50	2.29	
2	8.388	8.388	0.000	79684491H	2.50	2.41	
						RPD = 5.36	

Reagents:

GCS_EDB4_00031 Amount Added: 1.00 Units: mL

Report Date: 15-May-2024 11:01:37 Chrom Revision: 2.3 01-May-2024 15:52:26

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\43EDBW24135001.022.D

Injection Date: 14-May-2024 18:04:00 Instrument ID: 19846

Lims ID: ccv

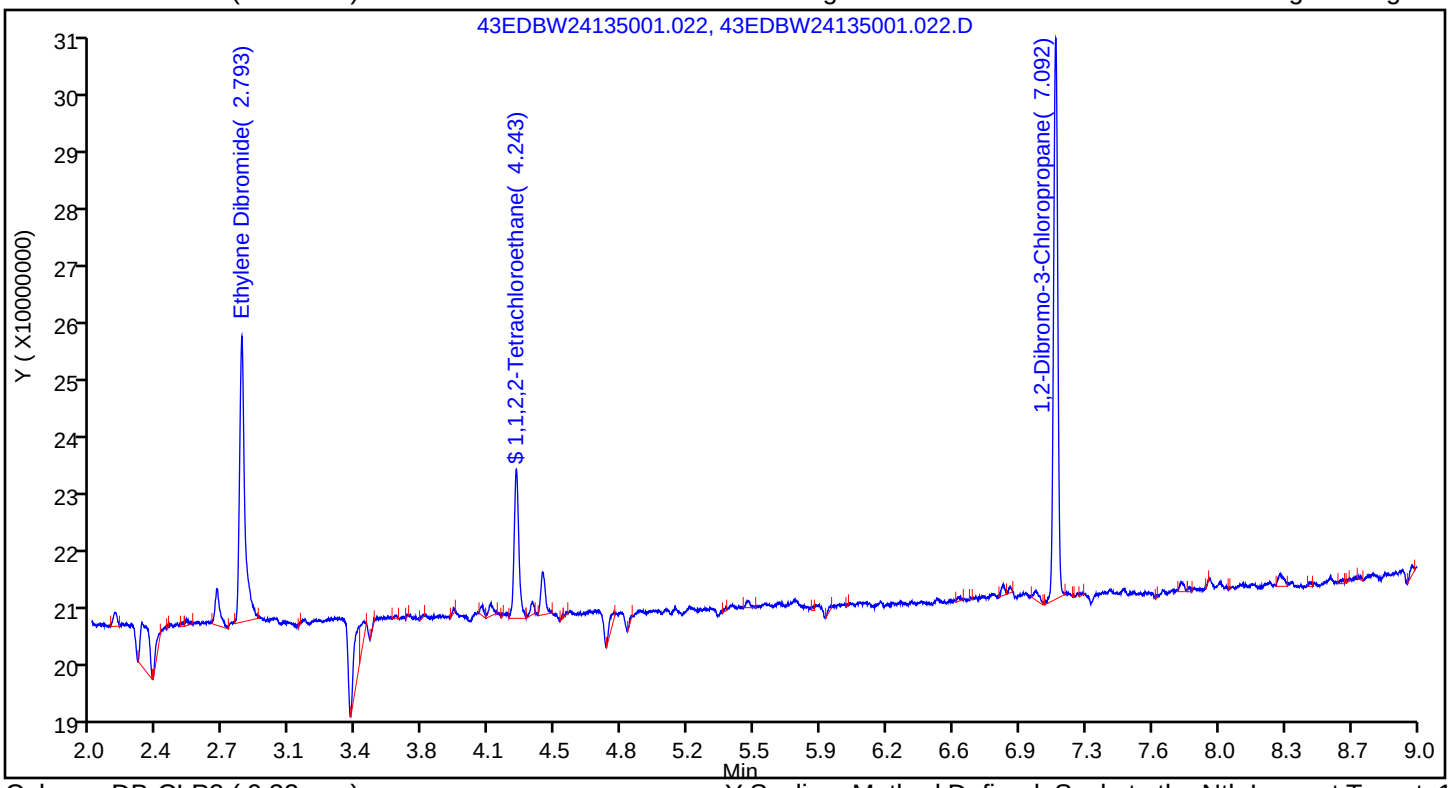
Client ID:

Operator ID: 120 ALS Bottle#: 0 Worklist Smp#: 22

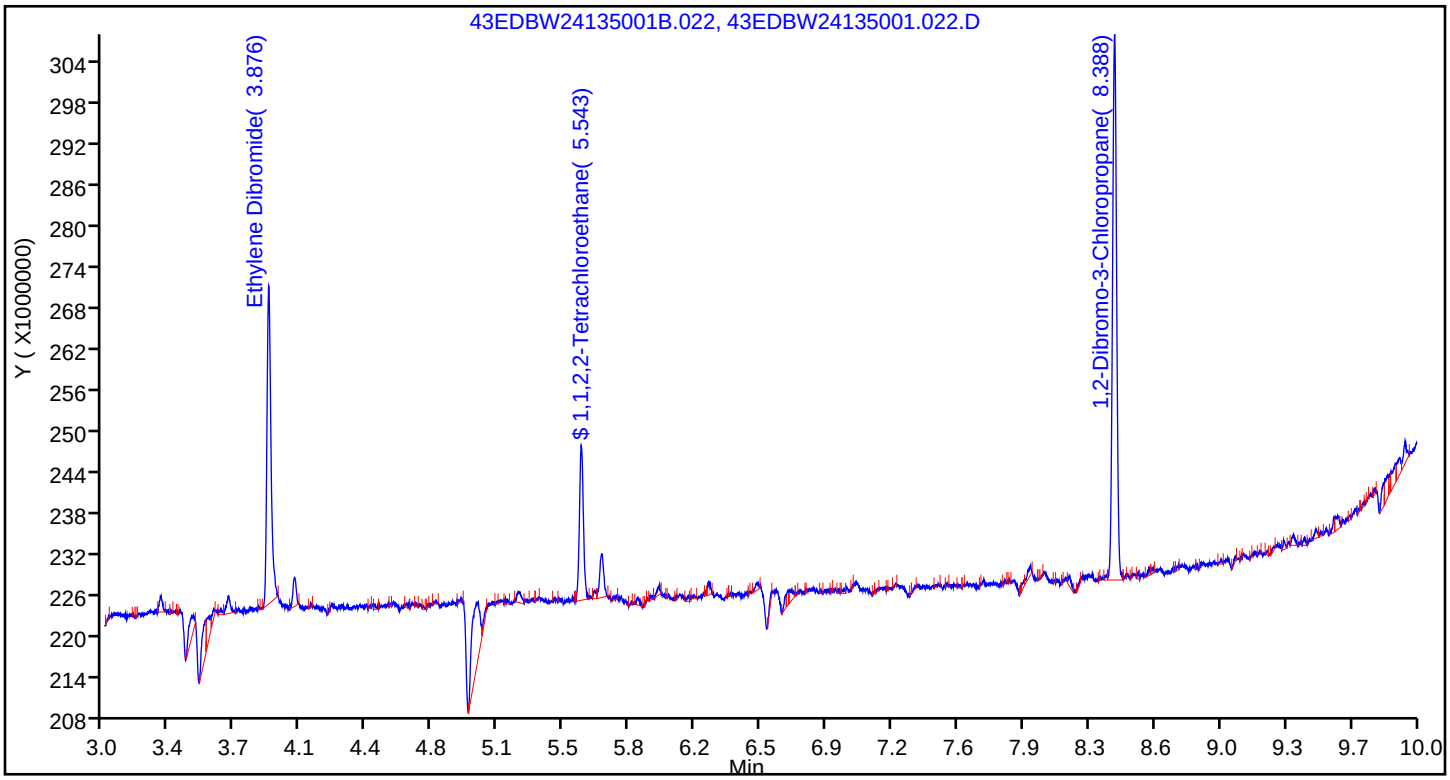
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846 Limit Group: GCSV - 8011 Waters

Column: DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-303245-1

SDG No.:

Client Sample ID:
Lab Sample ID: MB 410-503073/1-A

Matrix: Solid
Lab File ID: 43EDBS24129001.012.D

Analysis Method: 8011
Date Collected:

Extraction Method: 8011
Date Extracted: 05/07/2024 12:20

Sample wt/vol: 10(g)
Date Analyzed: 05/08/2024 11:54

Con. Extract Vol.: 10(mL)
Dilution Factor: 1

Injection Volume: 1(uL)
GC Column: DB CLP1 ID: 0.32(mm)

% Moisture: % Solids:
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 503517
Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.00021	U	0.00050	0.00021

CAS NO.	SURROGATE	%REC	Q	LIMITS
79-34-5	1,1,2,2-Tetrachloroethane (Surr)	129		60-140

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.012.D
Lims ID: MB 410-503073/1-A
Client ID:
Sample Type: MB
Inject. Date: 08-May-2024 11:54:00 ALS Bottle#: 0 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: MB 410-503073/1-A
Operator ID: 120 Instrument ID: 19846

Method: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\8011_19846S.m
Limit Group: GCSV - 8011 Solid
Last Update: 09-May-2024 07:43:45 Calib Date: 08-May-2024 11:02:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.009.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1627

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1		2.803				ND	
2		3.885					
$ 2 1,1,2,2-Tetrachloroethane							
1	4.253	4.249	0.004	28236369H	1.23	1.59	
2	5.553	5.550	0.003	27130173H	1.23	1.65	
						RPD = 3.47	
3 1,2-Dibromo-3-Chloropropane							
1		7.095				ND	
2		8.391					

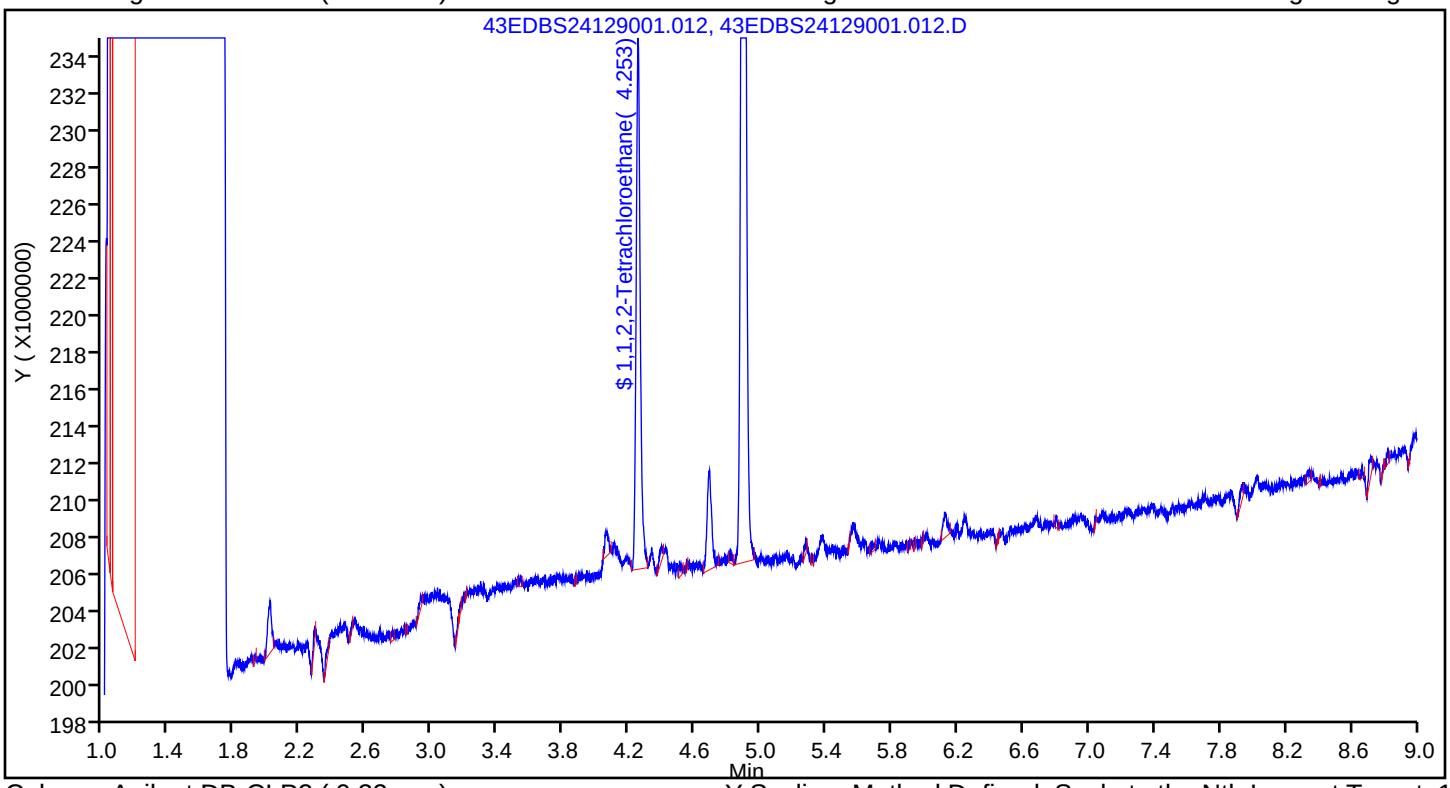
Report Date: 09-May-2024 07:44:20 Chrom Revision: 2.3 01-May-2024 15:52:26

Eurofins Lancaster Laboratories Environment Testing, LLC

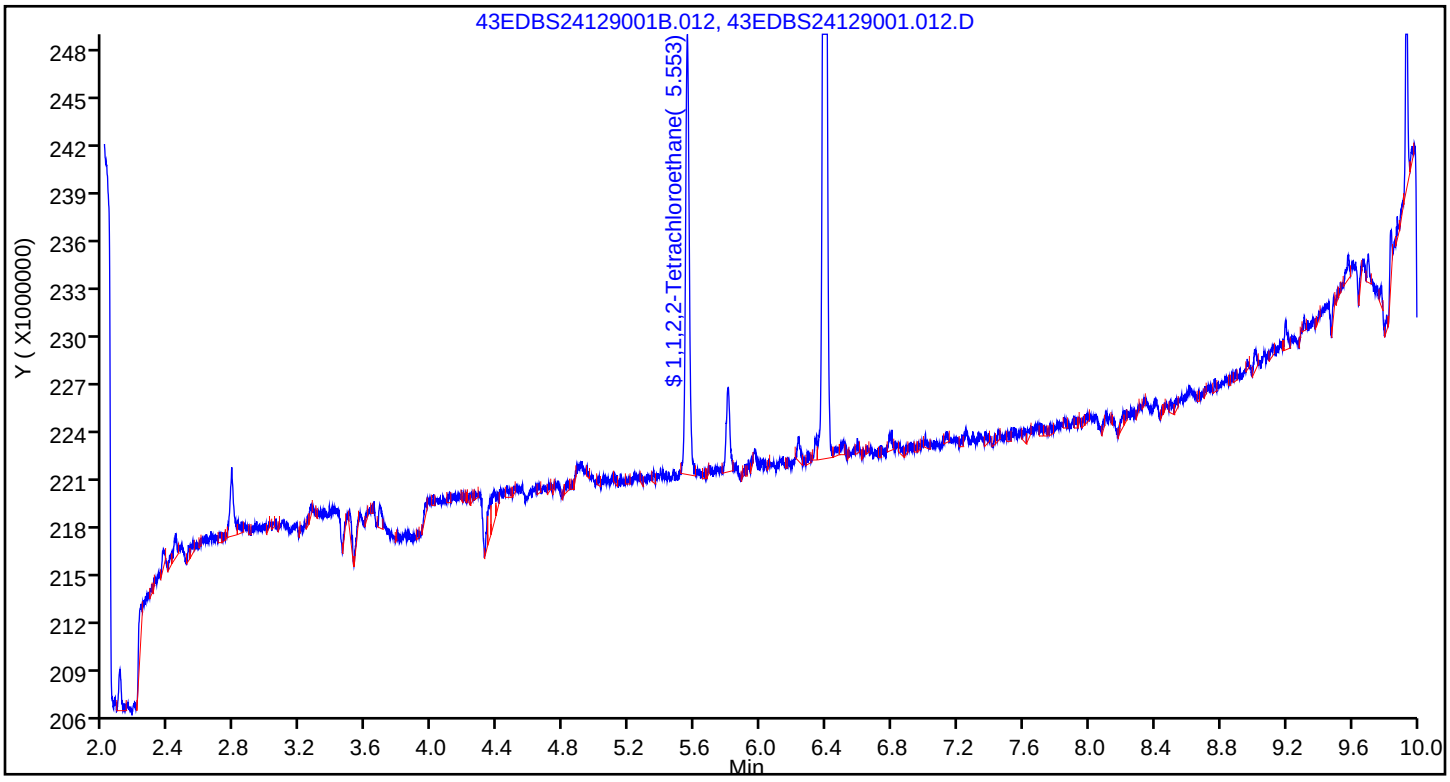
Data File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.012.D

Injection Date:	08-May-2024 11:54:00	Instrument ID:	19846		
Lims ID:	MB 410-503073/1-A				
Client ID:					
Operator ID:	120	ALS Bottle#:	0	Worklist Smp#:	12
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8011_19846S	Limit Group:	GCSV - 8011 Solid		

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



7/9/2024
8:32:15 AM

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-303245-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 410-503073/1-A

Matrix: Solid Lab File ID: 43EDBS24129001.012.D

Analysis Method: 8011 Date Collected:

Extraction Method: 8011 Date Extracted: 05/07/2024 12:20

Sample wt/vol: 10(g) Date Analyzed: 05/08/2024 11:54

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: DB CLP2 ID: 0.32(mm)

% Moisture: % Solids: GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 503517 Units: mg/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
79-34-5	1,1,2,2-Tetrachloroethane (Surr)	134		60-140

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.012.D
Lims ID: MB 410-503073/1-A
Client ID:
Sample Type: MB
Inject. Date: 08-May-2024 11:54:00 ALS Bottle#: 0 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: MB 410-503073/1-A
Operator ID: 120 Instrument ID: 19846

Method: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\8011_19846S.m
Limit Group: GCSV - 8011 Solid
Last Update: 09-May-2024 07:43:45 Calib Date: 08-May-2024 11:02:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.009.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1627

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1		2.803				ND	
2		3.885					
$ 2 1,1,2,2-Tetrachloroethane							
1	4.253	4.249	0.004	28236369H	1.23	1.59	
2	5.553	5.550	0.003	27130173H	1.23	1.65	
						RPD = 3.47	
3 1,2-Dibromo-3-Chloropropane							
1		7.095				ND	
2		8.391					

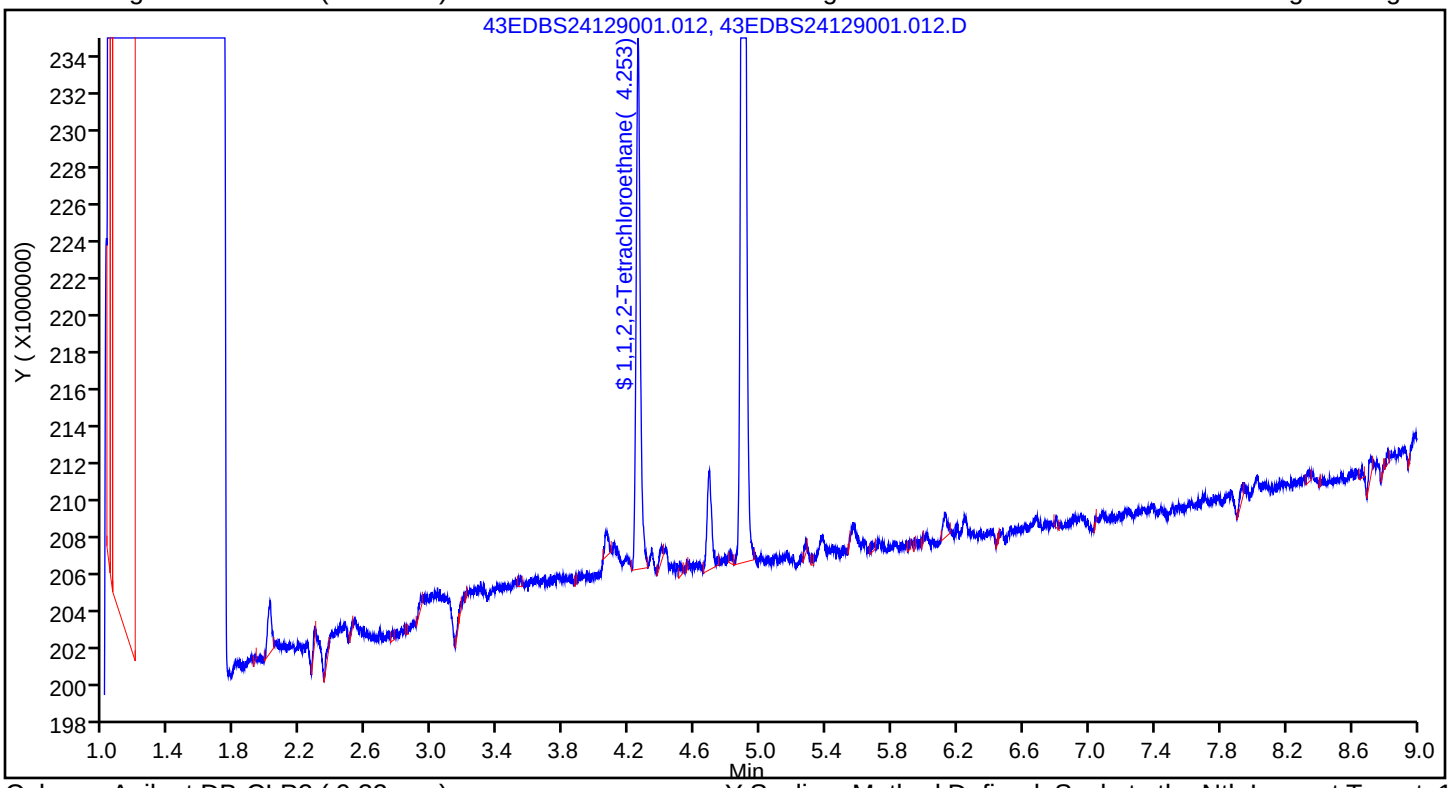
Report Date: 09-May-2024 07:44:21 Chrom Revision: 2.3 01-May-2024 15:52:26

Eurofins Lancaster Laboratories Environment Testing, LLC

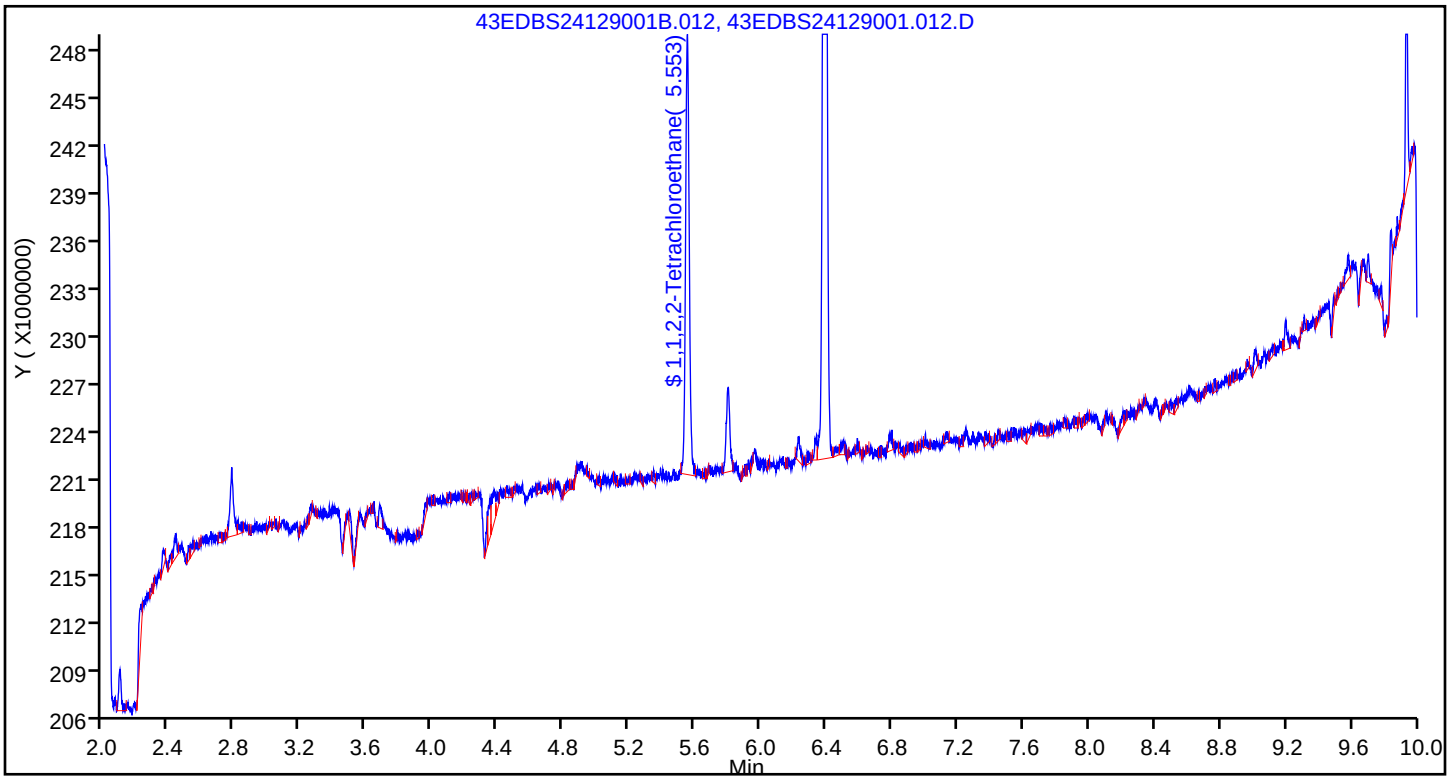
Data File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.012.D

Injection Date:	08-May-2024 11:54:00	Instrument ID:	19846		
Lims ID:	MB 410-503073/1-A				
Client ID:					
Operator ID:	120	ALS Bottle#:	0	Worklist Smp#:	12
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8011_19846S	Limit Group:	GCSV - 8011 Solid		

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-303245-1

SDG No.:

Client Sample ID:
Lab Sample ID: MB 410-504517/1-A

Matrix: Solid
Lab File ID: 43EDBS24129002.005.D

Analysis Method: 8011
Date Collected:

Extraction Method: 8011
Date Extracted: 05/10/2024 08:28

Sample wt/vol: 10(g)
Date Analyzed: 05/13/2024 09:29

Con. Extract Vol.: 10(mL)
Dilution Factor: 1

Injection Volume: 1(uL)
GC Column: DB CLP1 ID: 0.32(mm)

% Moisture: % Solids:
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 505199
Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.00021	U	0.00050	0.00021

CAS NO.	SURROGATE	%REC	Q	LIMITS
79-34-5	1,1,2,2-Tetrachloroethane (Surr)	122		60-140

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240513-113723.b\43EDBS24129002.005.D
Lims ID: MB 410-504517/1-A
Client ID:
Sample Type: MB
Inject. Date: 13-May-2024 09:29:00 ALS Bottle#: 0 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: MB 410-504517/1-A
Operator ID: 120 Instrument ID: 19846

Method: \\chromfs\Lancaster\ChromData\19846\20240513-113723.b\8011_19846S.m
Limit Group: GCSV - 8011 Solid
Last Update: 13-May-2024 14:02:12 Calib Date: 08-May-2024 11:02:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.009.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1642

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1		2.803				ND	
2		3.884					
$ 2 1,1,2,2-Tetrachloroethane							
1	4.251	4.249	0.002	26938478H	1.23	1.50	
2	5.550	5.549	0.001	24108643H	1.23	1.43	
						RPD = 4.94	
3 1,2-Dibromo-3-Chloropropane							
1	7.068	7.095	-0.027	463713H		-0.007685	
2	8.369	8.390	-0.021	249822H		-0.3169	
						RPD = -190.53	

Report Date: 13-May-2024 14:02:15 Chrom Revision: 2.3 01-May-2024 15:52:26

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240513-113723.b\43EDBS24129002.005.D

Injection Date: 13-May-2024 09:29:00 Instrument ID: 19846

Lims ID: MB 410-504517/1-A

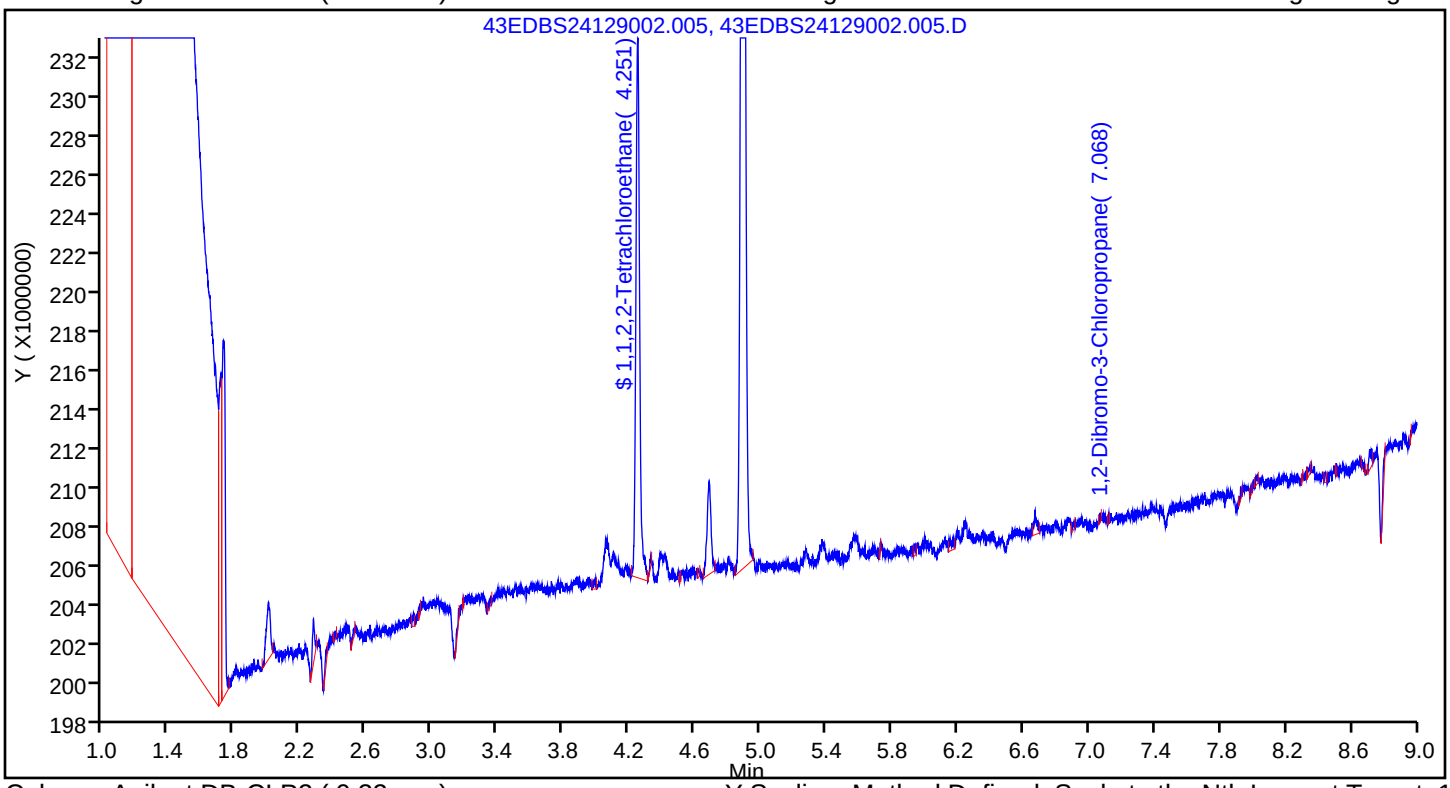
Client ID:

Operator ID: 120 ALS Bottle#: 0 Worklist Smp#: 5

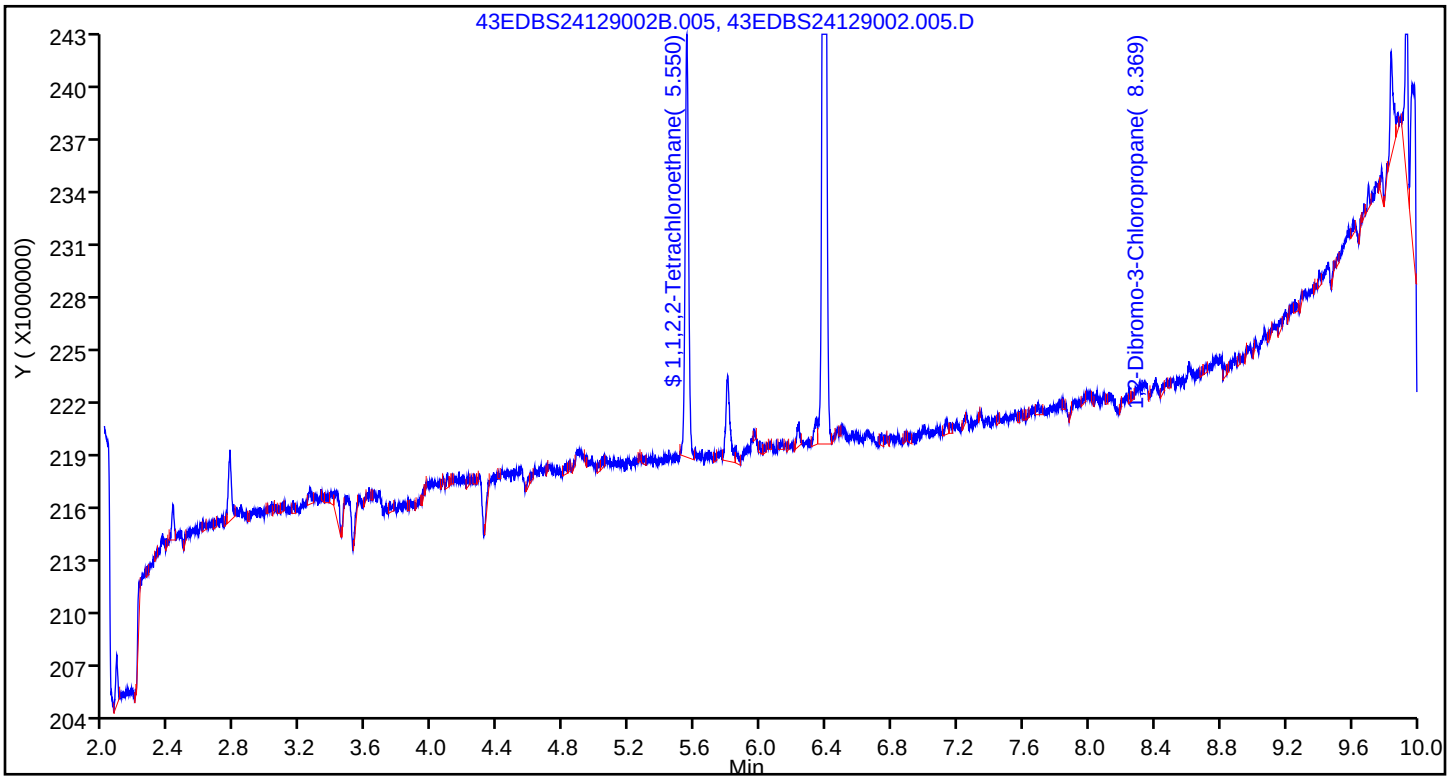
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846S Limit Group: GCSV - 8011 Solid

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-303245-1

SDG No.:

Client Sample ID:
Lab Sample ID: MB 410-504517/1-A

Matrix: Solid
Lab File ID: 43EDBS24129002.005.D

Analysis Method: 8011
Date Collected:

Extraction Method: 8011
Date Extracted: 05/10/2024 08:28

Sample wt/vol: 10(g)
Date Analyzed: 05/13/2024 09:29

Con. Extract Vol.: 10(mL)
Dilution Factor: 1

Injection Volume: 1(uL)
GC Column: DB CLP2 ID: 0.32(mm)

% Moisture: % Solids:
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 505199
Units: mg/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
79-34-5	1,1,2,2-Tetrachloroethane (Surr)	116		60-140

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240513-113723.b\43EDBS24129002.005.D
Lims ID: MB 410-504517/1-A
Client ID:
Sample Type: MB
Inject. Date: 13-May-2024 09:29:00 ALS Bottle#: 0 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: MB 410-504517/1-A
Operator ID: 120 Instrument ID: 19846

Method: \\chromfs\Lancaster\ChromData\19846\20240513-113723.b\8011_19846S.m
Limit Group: GCSV - 8011 Solid
Last Update: 13-May-2024 14:02:12 Calib Date: 08-May-2024 11:02:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.009.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1642

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1		2.803				ND	
2		3.884					
$ 2 1,1,2,2-Tetrachloroethane							
1	4.251	4.249	0.002	26938478H	1.23	1.50	
2	5.550	5.549	0.001	24108643H	1.23	1.43	
						RPD = 4.94	
3 1,2-Dibromo-3-Chloropropane							
1	7.068	7.095	-0.027	463713H		-0.007685	
2	8.369	8.390	-0.021	249822H		-0.3169	
						RPD = -190.53	

Report Date: 13-May-2024 14:02:15 Chrom Revision: 2.3 01-May-2024 15:52:26

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240513-113723.b\43EDBS24129002.005.D

Injection Date: 13-May-2024 09:29:00 Instrument ID: 19846

Lims ID: MB 410-504517/1-A

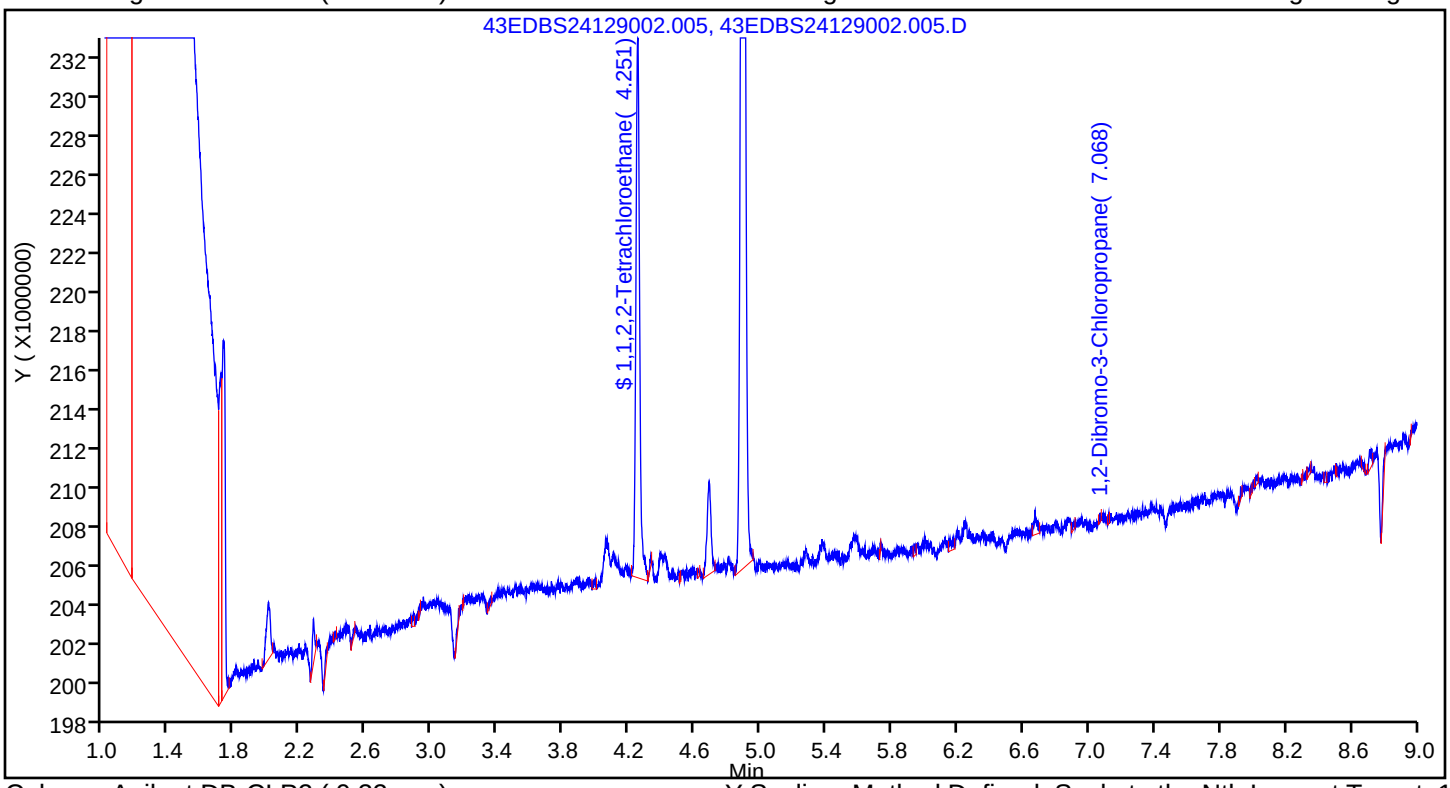
Client ID:

Operator ID: 120 ALS Bottle#: 0 Worklist Smp#: 5

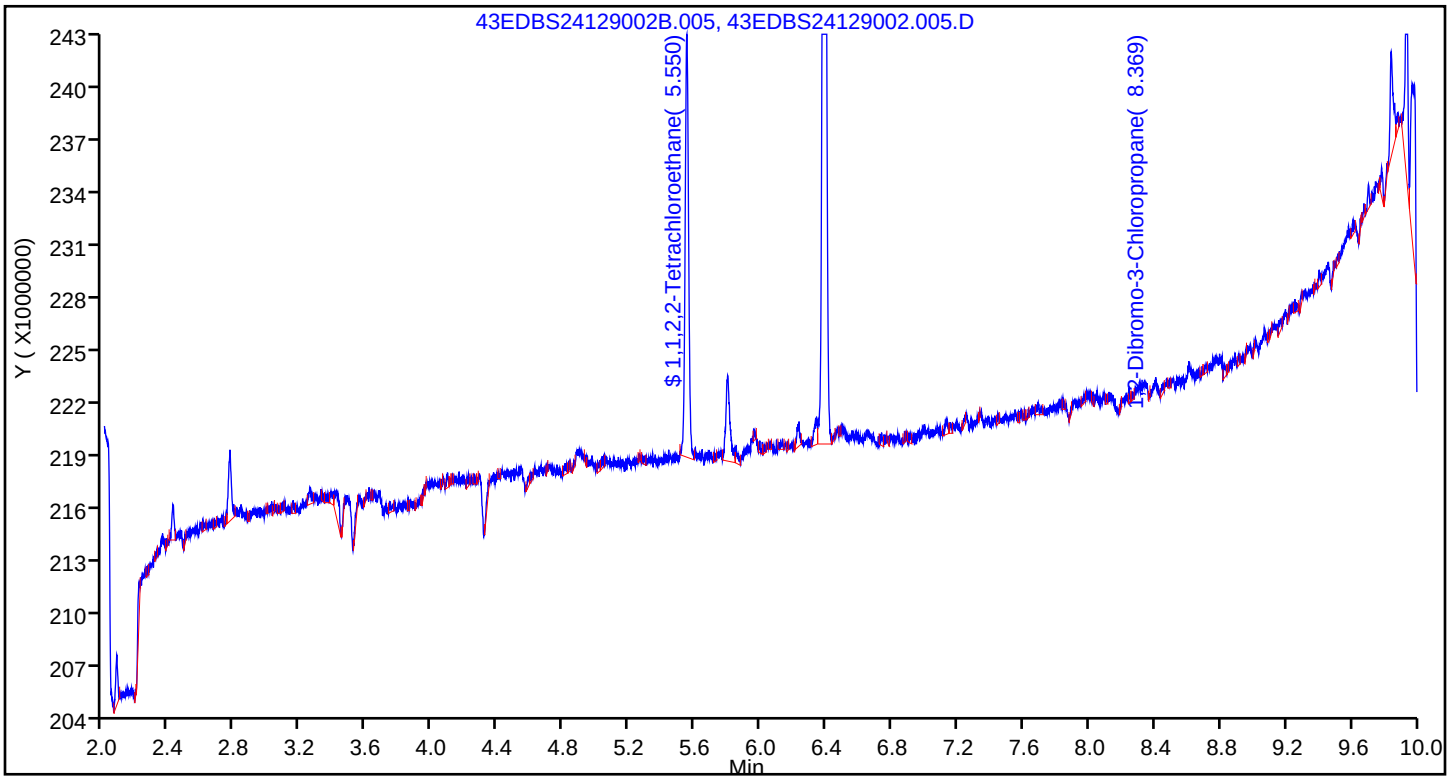
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846S Limit Group: GCSV - 8011 Solid

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-303245-1

SDG No.:

Client Sample ID:
Lab Sample ID: MB 410-504521/1-A

Matrix: Water
Lab File ID: 43EDBW24135001.012.D

Analysis Method: 8011
Date Collected:

Extraction Method: 8011
Date Extracted: 05/10/2024 07:45

Sample wt/vol: 35(mL)
Date Analyzed: 05/14/2024 15:12

Con. Extract Vol.: 2(mL)
Dilution Factor: 1

Injection Volume: 1(uL)
GC Column: DB CLP1 ID: 0.32(mm)

% Moisture: % Solids:
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 505957
Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.010	U	0.030	0.010

CAS NO.	SURROGATE	%REC	Q	LIMITS
79-34-5	1,1,2,2-Tetrachloroethane (Surr)	91		46-136

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\43EDBW24135001.012.D
Lims ID: MB 410-504521/1-A
Client ID:
Sample Type: MB
Inject. Date: 14-May-2024 15:12:00 ALS Bottle#: 0 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: MB 410-504521/1-A
Operator ID: 120 Instrument ID: 19846

Method: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\8011_19846.m
Limit Group: GCSV - 8011 Waters
Last Update: 15-May-2024 10:56:12 Calib Date: 14-May-2024 14:21:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\43EDBW24135001.009.D

Column 1 : DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1682

First Level Reviewer: URS0 Date: 15-May-2024 10:38:45

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1		2.804				ND	
2		3.883					
$ 2 1,1,2,2-Tetrachloroethane							
1	4.240	4.248	-0.008	24526986H	1.23	1.12	
2	5.543	5.548	-0.005	24353164H	1.23	1.19	
						RPD = 6.00	
3 1,2-Dibromo-3-Chloropropane							
1	7.083	7.093	-0.010	673871H		0.1566	
2	8.398	8.388	0.010	474124H		0.0468	
						RPD = 107.90	

QC Flag Legend

Processing Flags
H - Response Measured by Height

Report Date: 15-May-2024 11:01:25 Chrom Revision: 2.3 01-May-2024 15:52:26

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\43EDBW24135001.012.D

Injection Date: 14-May-2024 15:12:00 Instrument ID: 19846

Lims ID: MB 410-504521/1-A

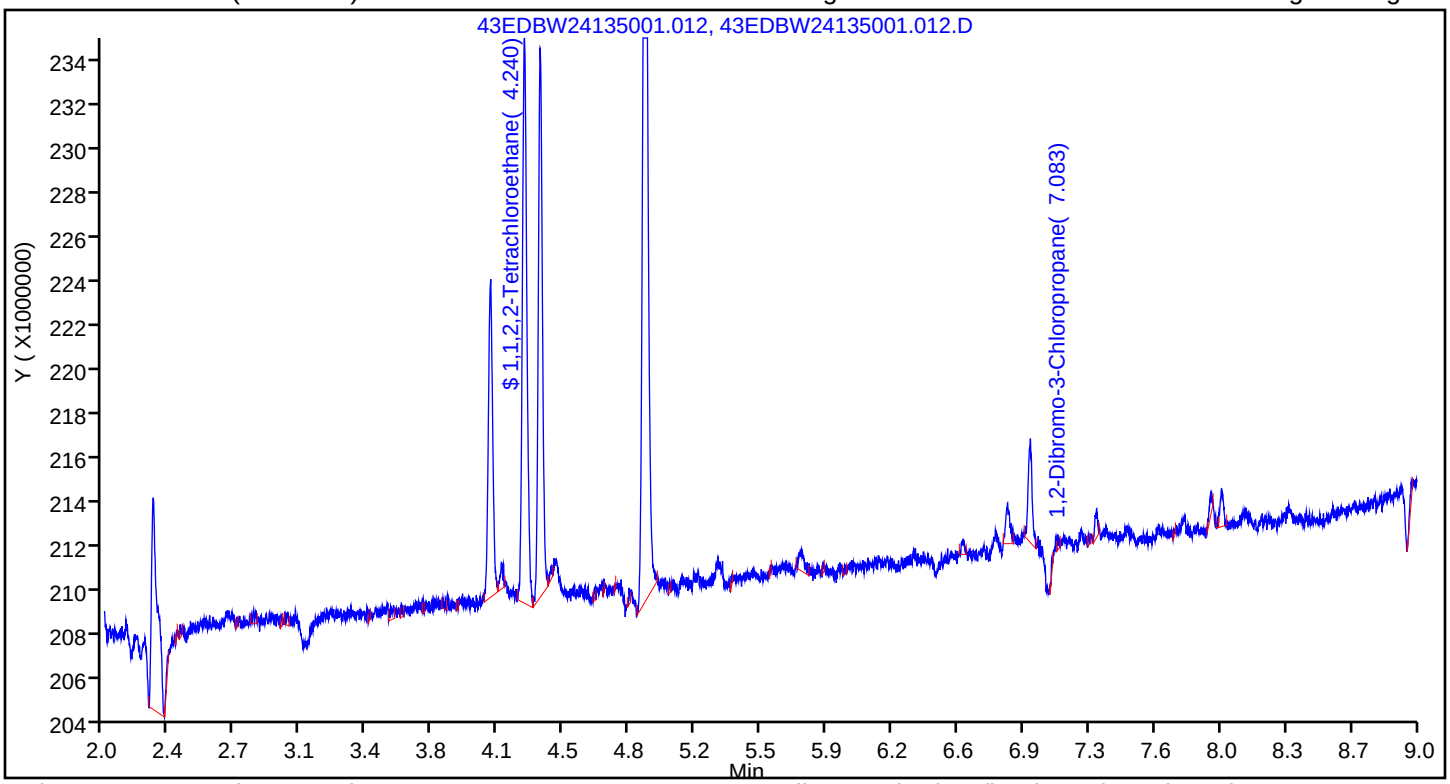
Client ID:

Operator ID: 120 ALS Bottle#: 0 Worklist Smp#: 12

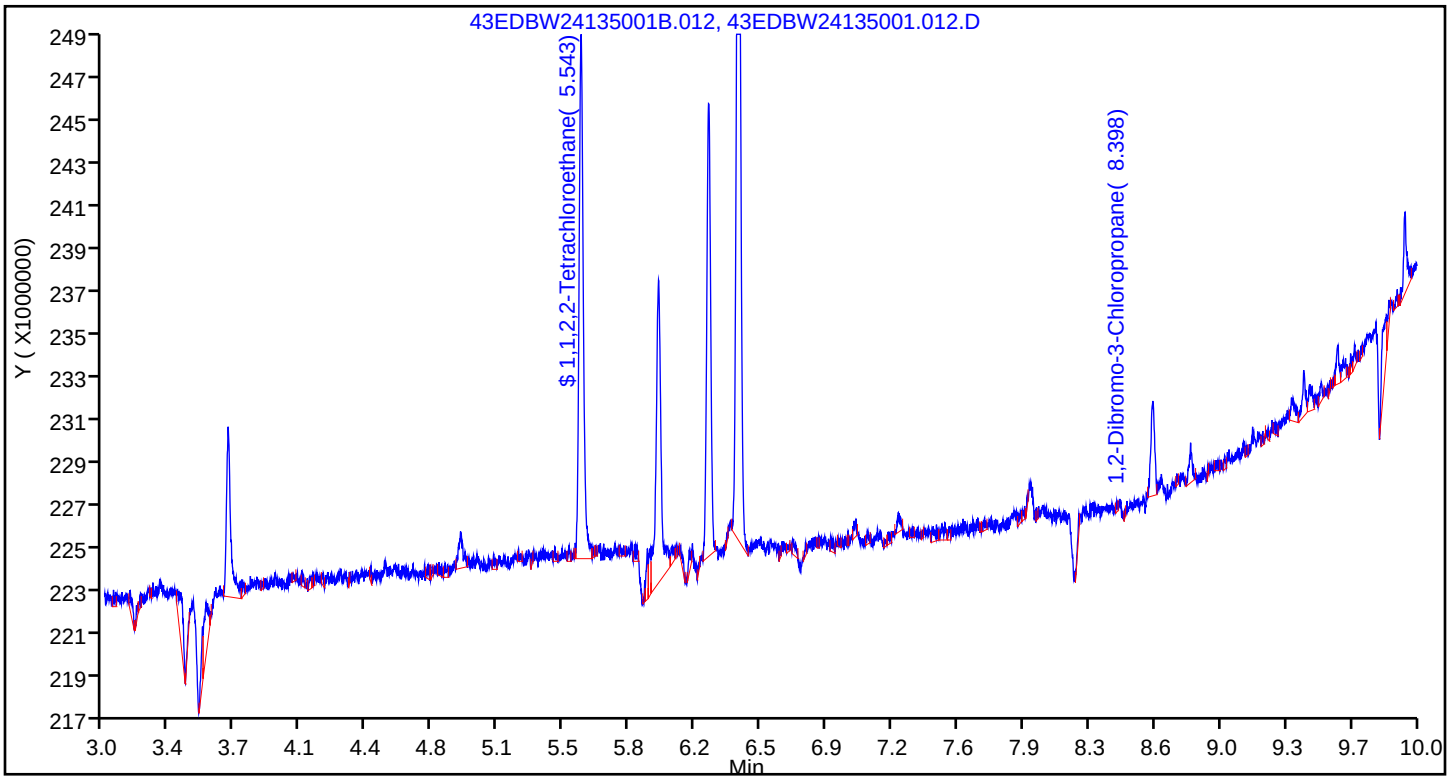
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846 Limit Group: GCSV - 8011 Waters

Column: DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-303245-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 410-504521/1-A

Matrix: Water Lab File ID: 43EDBW24135001.012.D

Analysis Method: 8011 Date Collected:

Extraction Method: 8011 Date Extracted: 05/10/2024 07:45

Sample wt/vol: 35(mL) Date Analyzed: 05/14/2024 15:12

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: DB CLP2 ID: 0.32(mm)

% Moisture: % Solids: GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 505957 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
79-34-5	1,1,2,2-Tetrachloroethane (Surr)	96		46-136

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\43EDBW24135001.012.D
Lims ID: MB 410-504521/1-A
Client ID:
Sample Type: MB
Inject. Date: 14-May-2024 15:12:00 ALS Bottle#: 0 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: MB 410-504521/1-A
Operator ID: 120 Instrument ID: 19846

Method: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\8011_19846.m
Limit Group: GCSV - 8011 Waters
Last Update: 15-May-2024 10:56:12 Calib Date: 14-May-2024 14:21:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\43EDBW24135001.009.D

Column 1 : DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1682

First Level Reviewer: URS0 Date: 15-May-2024 10:38:45

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1		2.804				ND	
2		3.883					
$ 2 1,1,2,2-Tetrachloroethane							
1	4.240	4.248	-0.008	24526986H	1.23	1.12	
2	5.543	5.548	-0.005	24353164H	1.23	1.19	
						RPD = 6.00	
3 1,2-Dibromo-3-Chloropropane							
1	7.083	7.093	-0.010	673871H		0.1566	
2	8.398	8.388	0.010	474124H		0.0468	
						RPD = 107.90	

QC Flag Legend

Processing Flags
H - Response Measured by Height

Report Date: 15-May-2024 11:01:25 Chrom Revision: 2.3 01-May-2024 15:52:26

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\43EDBW24135001.012.D

Injection Date: 14-May-2024 15:12:00 Instrument ID: 19846

Lims ID: MB 410-504521/1-A

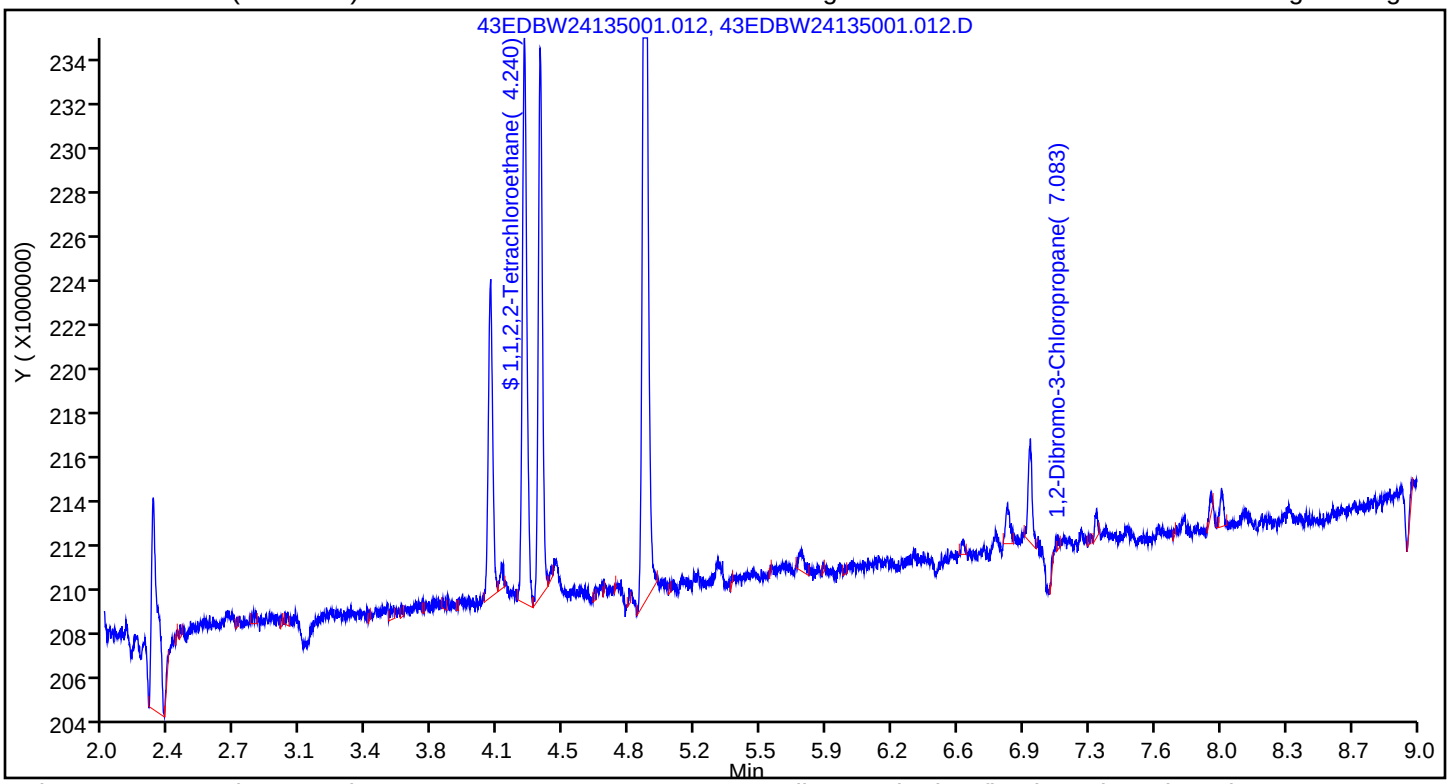
Client ID:

Operator ID: 120 ALS Bottle#: 0 Worklist Smp#: 12

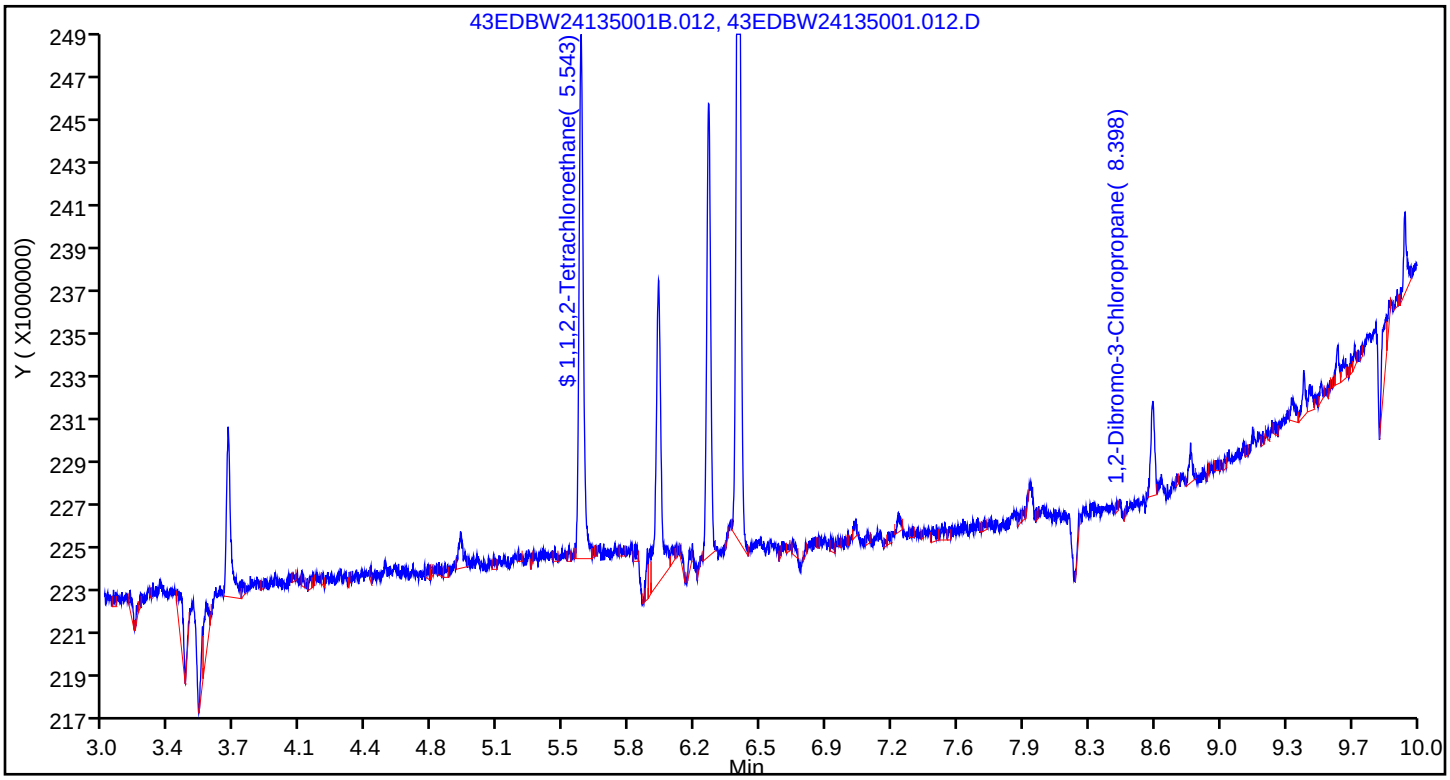
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846 Limit Group: GCSV - 8011 Waters

Column: DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-303245-1

SDG No.:

Client Sample ID:
Lab Sample ID: PIBLK 410-503517/3

Matrix: Solid
Lab File ID: 43EDBS24129001.003.D

Analysis Method: 8011
Date Collected:

Extraction Method:
Date Extracted:

Sample wt/vol: 0(mL)
Date Analyzed: 05/08/2024 09:19

Con. Extract Vol.:
Dilution Factor: 1

Injection Volume: 1(uL)
GC Column: DB CLP1 ID: 0.32(mm)

% Moisture: % Solids:
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 503517
Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.18	U	0.53	0.18

CAS NO.	SURROGATE	%REC	Q	LIMITS
79-34-5	1,1,2,2-Tetrachloroethane (Surr)	126		60-140

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.003.D
Lims ID: piblk
Client ID:
Sample Type: PIBLK
Inject. Date: 08-May-2024 09:19:00 ALS Bottle#: 0 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: piblk
Operator ID: 120 Instrument ID: 19846

Method: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\8011_19846S.m
Limit Group: GCSV - 8011 Solid
Last Update: 09-May-2024 07:44:34 Calib Date: 08-May-2024 11:02:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.009.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1627

First Level Reviewer: URS0 Date: 09-May-2024 07:25:35

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	2.777	2.803	-0.026	516854H		0.0170	
2	3.897	3.885	0.012	416325H		0.0164	
						RPD = 3.62	
$ 2 1,1,2,2-Tetrachloroethane							
1	4.252	4.249	0.003	26884185H	1.18	1.49	
2	5.550	5.550	0.000	24587748H	1.18	1.46	
						RPD = 2.30	
3 1,2-Dibromo-3-Chloropropane							
1	7.073	7.095	-0.022	1186580H		0.0100	
2	8.378	8.391	-0.013	678288H		-0.2986	
						RPD = -213.85	

QC Flag Legend

Processing Flags
H - Response Measured by Height

Reagents:

GCS_EIBK_00011 Amount Added: 1.00 Units: mL

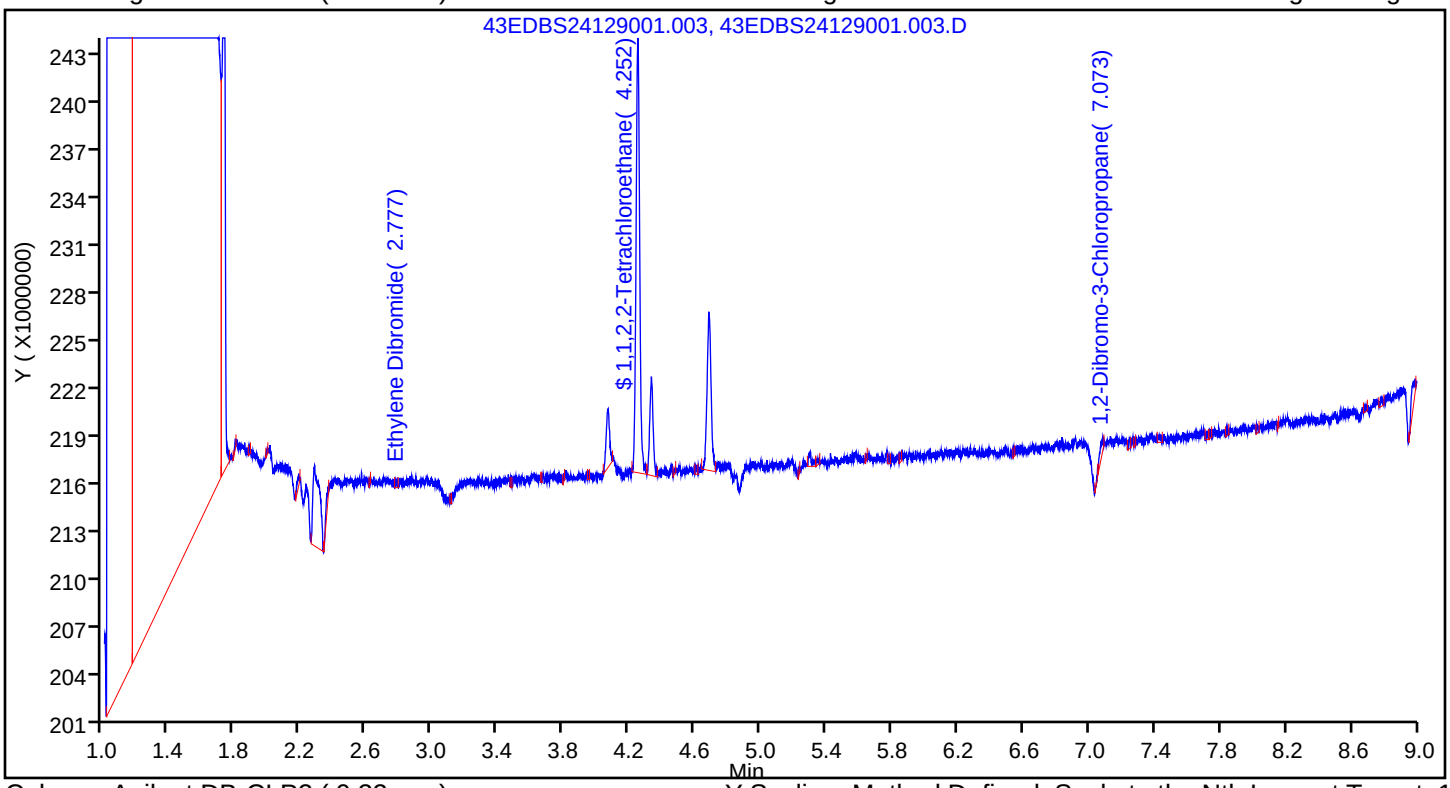
Report Date: 09-May-2024 07:44:36 Chrom Revision: 2.3 01-May-2024 15:52:26

Eurofins Lancaster Laboratories Environment Testing, LLC

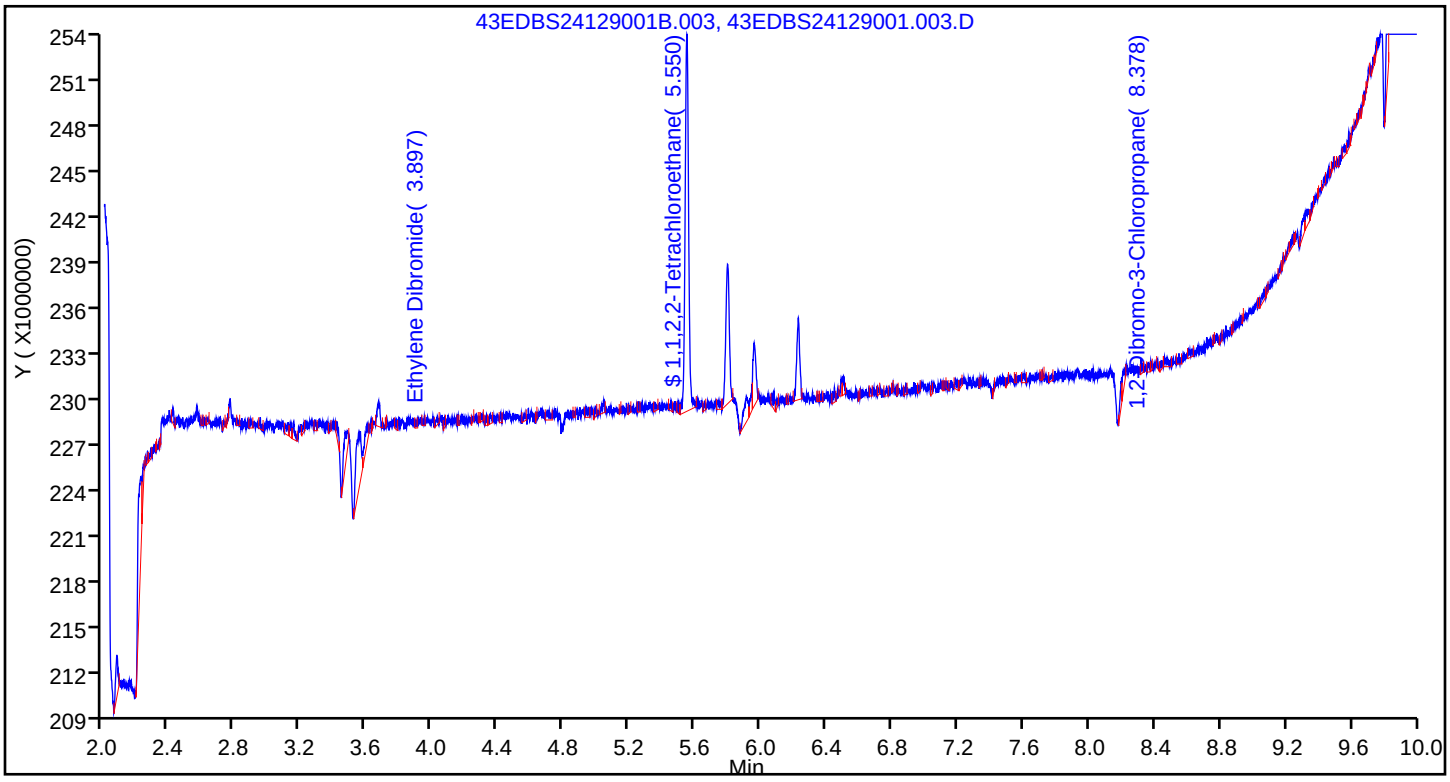
Data File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.003.D

Injection Date:	08-May-2024 09:19:00	Instrument ID:	19846		
Lims ID:	piblk				
Client ID:					
Operator ID:	120	ALS Bottle#:	0	Worklist Smp#:	3
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8011_19846S	Limit Group:	GCSV - 8011 Solid		

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



7/9/2024
8:32:15 AM

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-303245-1

SDG No.:

Client Sample ID:
Lab Sample ID: PIBLK 410-503517/3

Matrix: Solid
Lab File ID: 43EDBS24129001.003.D

Analysis Method: 8011
Date Collected:

Extraction Method:
Date Extracted:

Sample wt/vol: 0(mL)
Date Analyzed: 05/08/2024 09:19

Con. Extract Vol.:
Dilution Factor: 1

Injection Volume: 1(uL)
GC Column: DB CLP2 ID: 0.32(mm)

% Moisture: % Solids:
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 503517
Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	*1,2-Dibromoethane*	*0.18*	*U*	*0.53*	*0.18*

CAS NO.	SURROGATE	%REC	Q	LIMITS
79-34-5	1,1,2,2-Tetrachloroethane (Surr)	123		60-140

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.003.D
Lims ID: piblk
Client ID:
Sample Type: PIBLK
Inject. Date: 08-May-2024 09:19:00 ALS Bottle#: 0 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: piblk
Operator ID: 120 Instrument ID: 19846

Method: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\8011_19846S.m
Limit Group: GCSV - 8011 Solid
Last Update: 09-May-2024 07:44:34 Calib Date: 08-May-2024 11:02:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.009.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1627

First Level Reviewer: URS0 Date: 09-May-2024 07:25:35

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	2.777	2.803	-0.026	516854H		0.0170	
2	3.897	3.885	0.012	416325H		0.0164	
						RPD = 3.62	
$ 2 1,1,2,2-Tetrachloroethane							
1	4.252	4.249	0.003	26884185H	1.18	1.49	
2	5.550	5.550	0.000	24587748H	1.18	1.46	
						RPD = 2.30	
3 1,2-Dibromo-3-Chloropropane							
1	7.073	7.095	-0.022	1186580H		0.0100	
2	8.378	8.391	-0.013	678288H		-0.2986	
						RPD = -213.85	

QC Flag Legend

Processing Flags
H - Response Measured by Height

Reagents:

GCS_EIBK_00011 Amount Added: 1.00 Units: mL

Report Date: 09-May-2024 07:44:37 Chrom Revision: 2.3 01-May-2024 15:52:26

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.003.D

Injection Date: 08-May-2024 09:19:00 Instrument ID: 19846

Lims ID: piblk

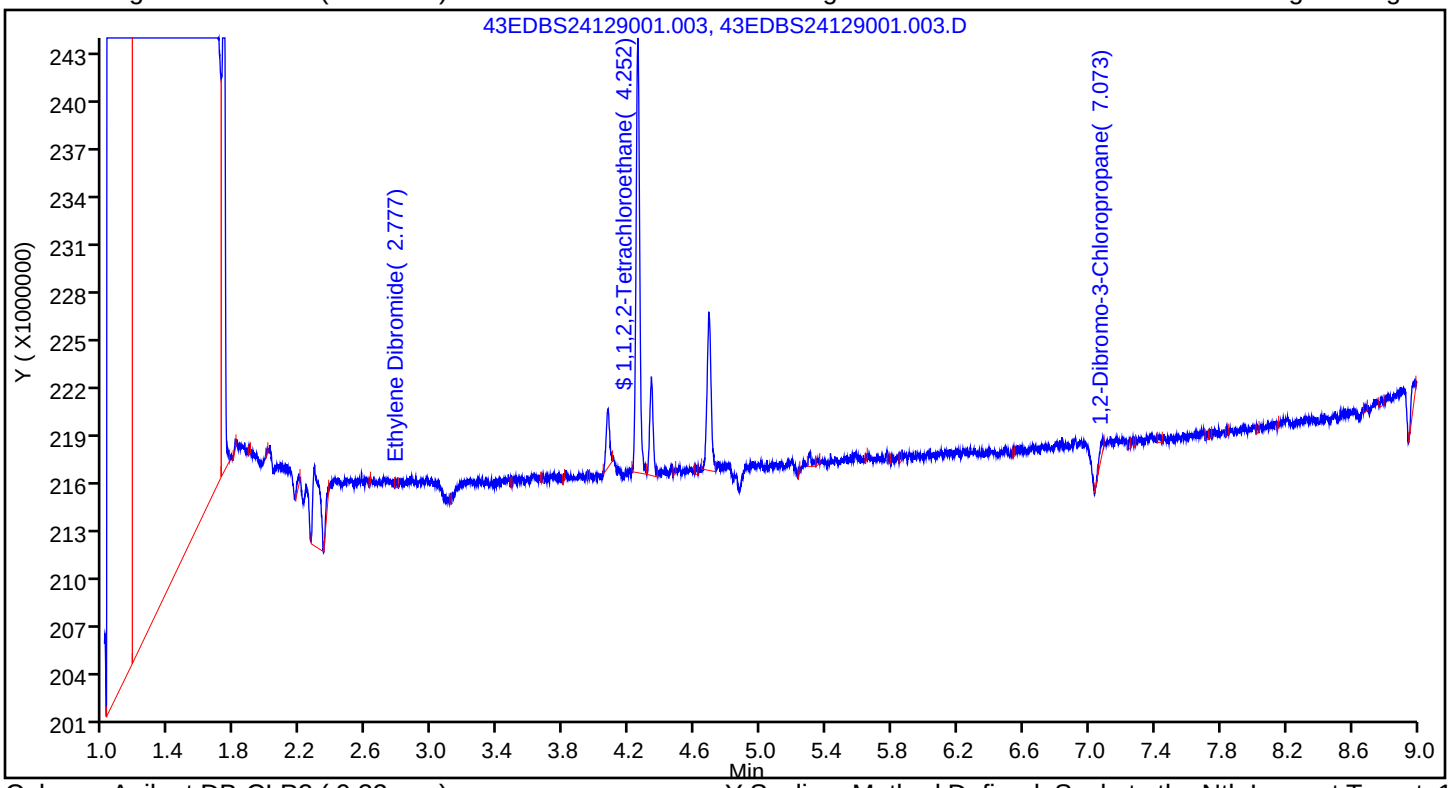
Client ID:

Operator ID: 120 ALS Bottle#: 0 Worklist Smp#: 3

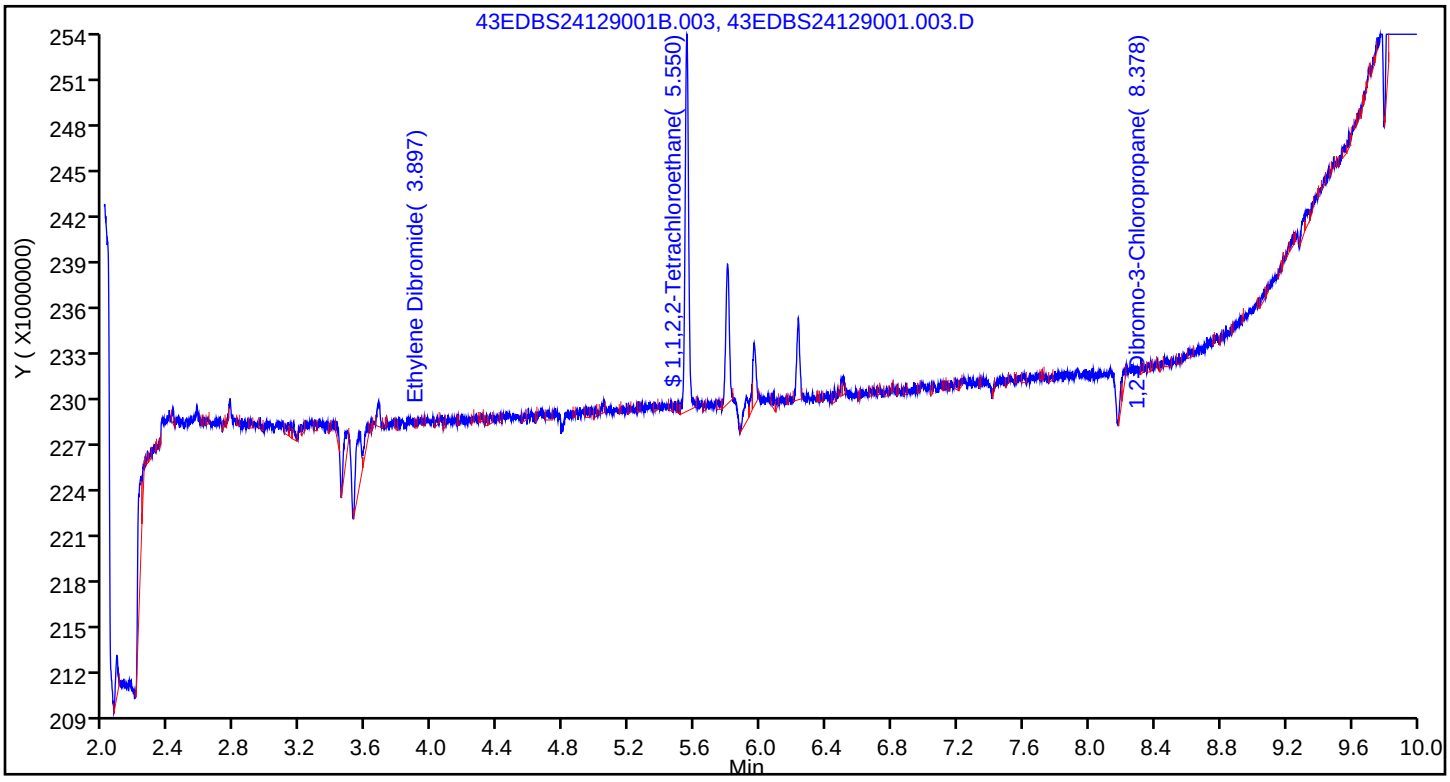
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846S Limit Group: GCSV - 8011 Solid

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-303245-1

SDG No.:

Client Sample ID:
Lab Sample ID: PIBLK 410-503517/28

Matrix: Solid
Lab File ID: 43EDBS24129001.028.D

Analysis Method: 8011
Date Collected:

Extraction Method:
Date Extracted:

Sample wt/vol:
Date Analyzed: 05/08/2024 16:30

Con. Extract Vol.:
Dilution Factor: 1

Injection Volume: 1(uL)
GC Column: DB CLP1 ID: 0.32(mm)

% Moisture: % Solids:
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 503517
Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.18	U	0.53	0.18

CAS NO.	SURROGATE	%REC	Q	LIMITS
79-34-5	1,1,2,2-Tetrachloroethane (Surr)	135		60-140

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.028.D
Lims ID: piblk
Client ID:
Sample Type: PIBLK
Inject. Date: 08-May-2024 16:30:00 ALS Bottle#: 0 Worklist Smp#: 28
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: piblk
Operator ID: 120 Instrument ID: 19846

Method: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\8011_19846S.m
Limit Group: GCSV - 8011 Solid
Last Update: 09-May-2024 07:44:34 Calib Date: 08-May-2024 11:02:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.009.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1627

First Level Reviewer: URS0 Date: 09-May-2024 07:44:01

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1		2.803				ND	
2		3.885					
$ 2 1,1,2,2-Tetrachloroethane							
1	4.250	4.249	0.001	28251684H	1.18	1.59	
2	5.549	5.550	-0.001	25695269H	1.18	1.54	
						RPD = 3.37	
3 1,2-Dibromo-3-Chloropropane							
1		7.095				ND	
2		8.391					

QC Flag Legend

Processing Flags
H - Response Measured by Height

Reagents:

GCS_EIBK_00011 Amount Added: 1.00 Units: mL

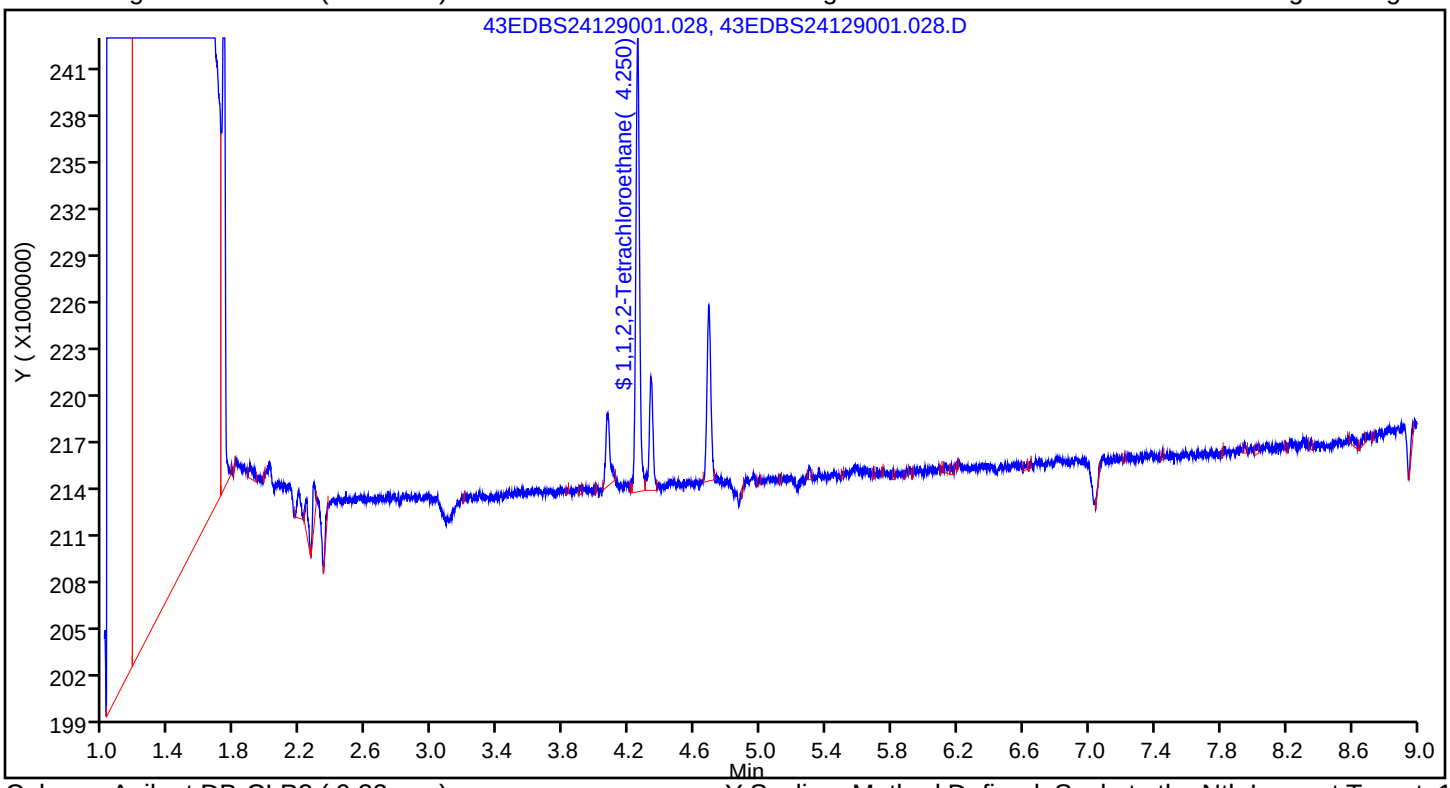
Report Date: 09-May-2024 07:44:35 Chrom Revision: 2.3 01-May-2024 15:52:26

Eurofins Lancaster Laboratories Environment Testing, LLC

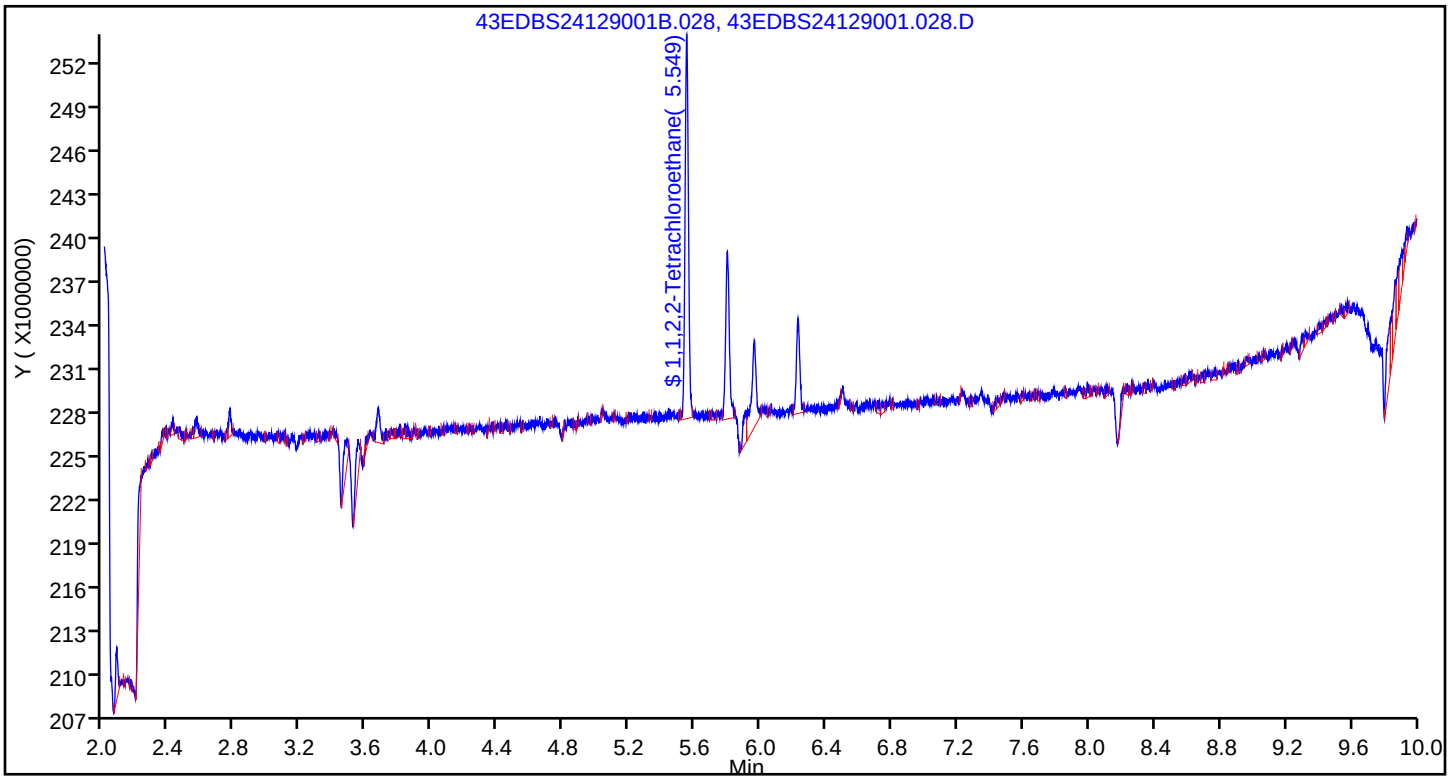
Data File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.028.D

Injection Date:	08-May-2024 16:30:00	Instrument ID:	19846		
Lims ID:	piblk				
Client ID:					
Operator ID:	120	ALS Bottle#:	0	Worklist Smp#:	28
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8011_19846S	Limit Group:	GCSV - 8011 Solid		

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-303245-1

SDG No.:

Client Sample ID:
Lab Sample ID: PIBLK 410-503517/28

Matrix: Solid
Lab File ID: 43EDBS24129001.028.D

Analysis Method: 8011
Date Collected:

Extraction Method:
Date Extracted:

Sample wt/vol:
Date Analyzed: 05/08/2024 16:30

Con. Extract Vol.:
Dilution Factor: 1

Injection Volume: 1(uL)
GC Column: DB CLP2 ID: 0.32(mm)

% Moisture: % Solids:
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 503517
Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	*1,2-Dibromoethane*	*0.18*	*U*	*0.53*	*0.18*

CAS NO.	SURROGATE	%REC	Q	LIMITS
79-34-5	1,1,2,2-Tetrachloroethane (Surr)	130		60-140

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.028.D
Lims ID: piblk
Client ID:
Sample Type: PIBLK
Inject. Date: 08-May-2024 16:30:00 ALS Bottle#: 0 Worklist Smp#: 28
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: piblk
Operator ID: 120 Instrument ID: 19846

Method: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\8011_19846S.m
Limit Group: GCSV - 8011 Solid
Last Update: 09-May-2024 07:44:34 Calib Date: 08-May-2024 11:02:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.009.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1627

First Level Reviewer: URS0 Date: 09-May-2024 07:44:01

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1		2.803				ND	
2		3.885					
$ 2 1,1,2,2-Tetrachloroethane							
1	4.250	4.249	0.001	28251684H	1.18	1.59	
2	5.549	5.550	-0.001	25695269H	1.18	1.54	
						RPD = 3.37	
3 1,2-Dibromo-3-Chloropropane							
1		7.095				ND	
2		8.391					

QC Flag Legend

Processing Flags
H - Response Measured by Height

Reagents:

GCS_EIBK_00011 Amount Added: 1.00 Units: mL

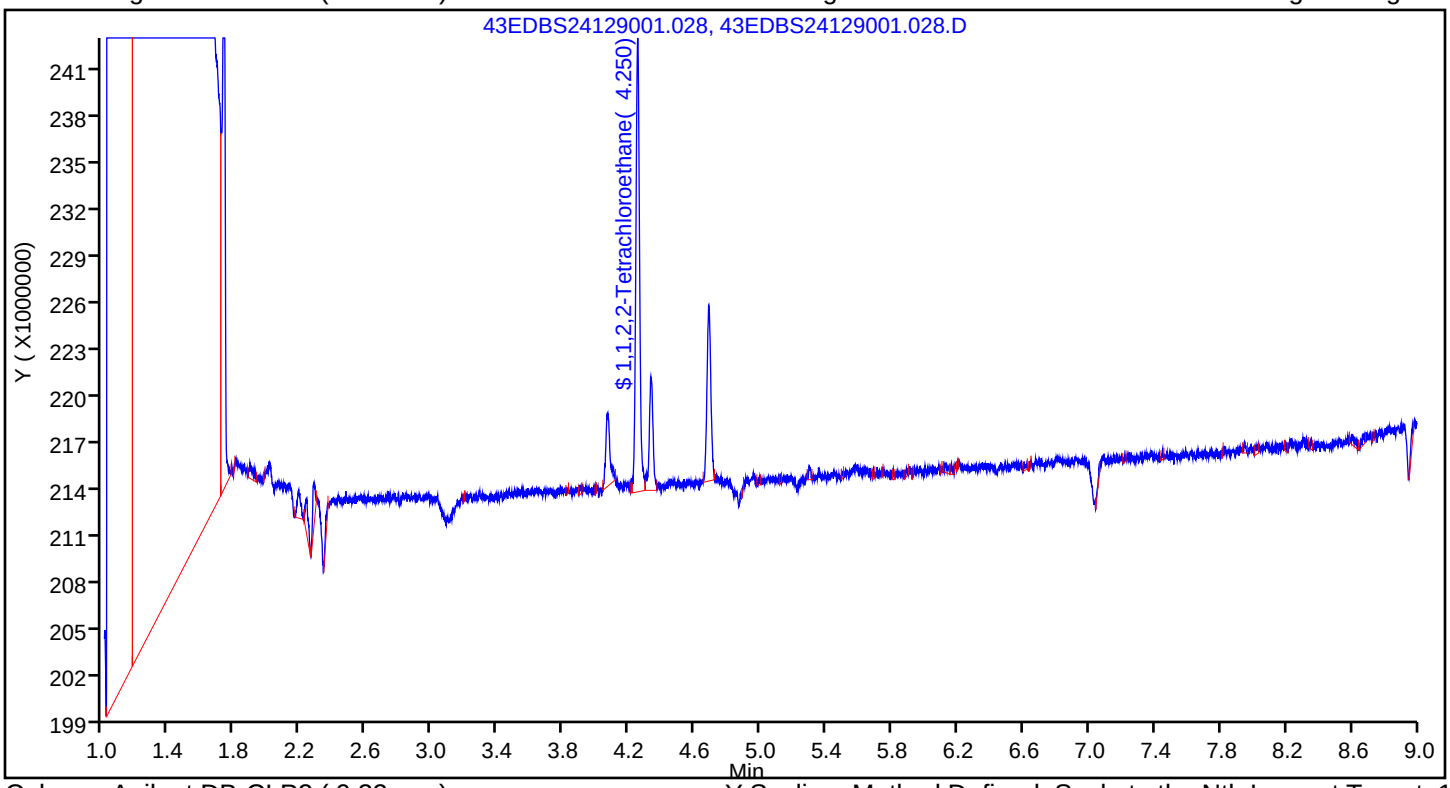
Report Date: 09-May-2024 07:44:36 Chrom Revision: 2.3 01-May-2024 15:52:26

Eurofins Lancaster Laboratories Environment Testing, LLC

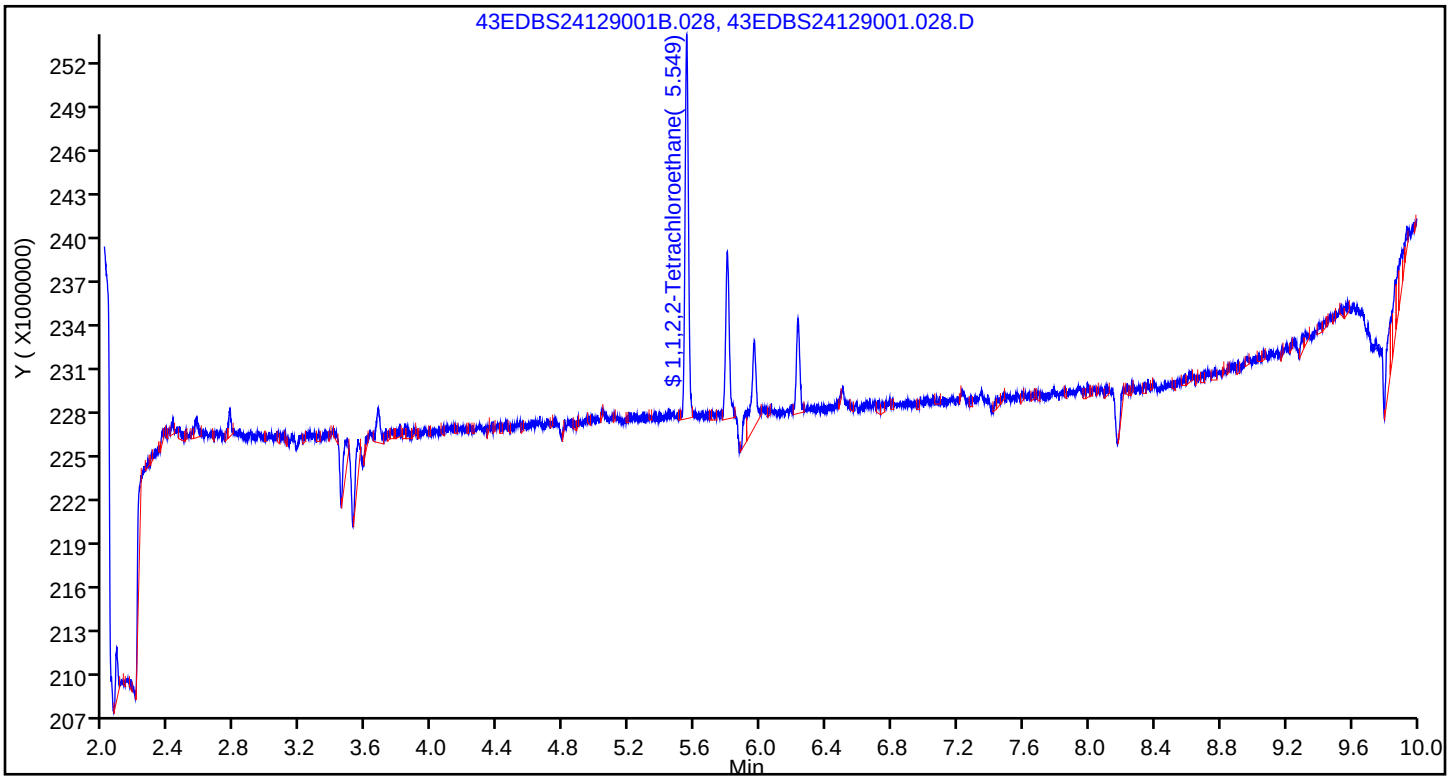
Data File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.028.D

Injection Date:	08-May-2024 16:30:00	Instrument ID:	19846		
Lims ID:	piblk				
Client ID:					
Operator ID:	120	ALS Bottle#:	0	Worklist Smp#:	28
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8011_19846S	Limit Group:	GCSV - 8011 Solid		

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



7/9/2024
8:32:15 AM

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-303245-1

SDG No.:

Client Sample ID:
Lab Sample ID: PIBLK 410-505199/4

Matrix: Solid
Lab File ID: 43EDBS24129002.004.D

Analysis Method: 8011
Date Collected:

Extraction Method:
Date Extracted:

Sample wt/vol: 0(mL)
Date Analyzed: 05/13/2024 09:11

Con. Extract Vol.:
Dilution Factor: 1

Injection Volume: 1(uL)
GC Column: DB CLP1 ID: 0.32(mm)

% Moisture: % Solids:
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 505199
Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.18	U	0.53	0.18

CAS NO.	SURROGATE	%REC	Q	LIMITS
79-34-5	1,1,2,2-Tetrachloroethane (Surr)	134		60-140

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240513-113723.b\43EDBS24129002.004.D
Lims ID: piblk
Client ID:
Sample Type: PIBLK
Inject. Date: 13-May-2024 09:11:00 ALS Bottle#: 0 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: piblk
Operator ID: 120 Instrument ID: 19846

Method: \\chromfs\Lancaster\ChromData\19846\20240513-113723.b\8011_19846S.m
Limit Group: GCSV - 8011 Solid
Last Update: 13-May-2024 14:02:12 Calib Date: 08-May-2024 11:02:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.009.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1642

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1		2.803				ND	
2		3.884					
$ 2 1,1,2,2-Tetrachloroethane							
1	4.254	4.249	0.005	28141141H	1.18	1.59	
2	5.553	5.549	0.004	26446196H	1.18	1.60	
						RPD = 0.72	
3 1,2-Dibromo-3-Chloropropane							
1	7.118	7.095	0.023	393255H		-0.009407	
2	8.366	8.390	-0.024	593073H		-0.3023	
						RPD = -187.93	

Reagents:

GCS_EIBK_00011 Amount Added: 1.00 Units: mL

Report Date: 13-May-2024 14:02:14 Chrom Revision: 2.3 01-May-2024 15:52:26

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240513-113723.b\43EDBS24129002.004.D

Injection Date: 13-May-2024 09:11:00 Instrument ID: 19846

Lims ID: piblk

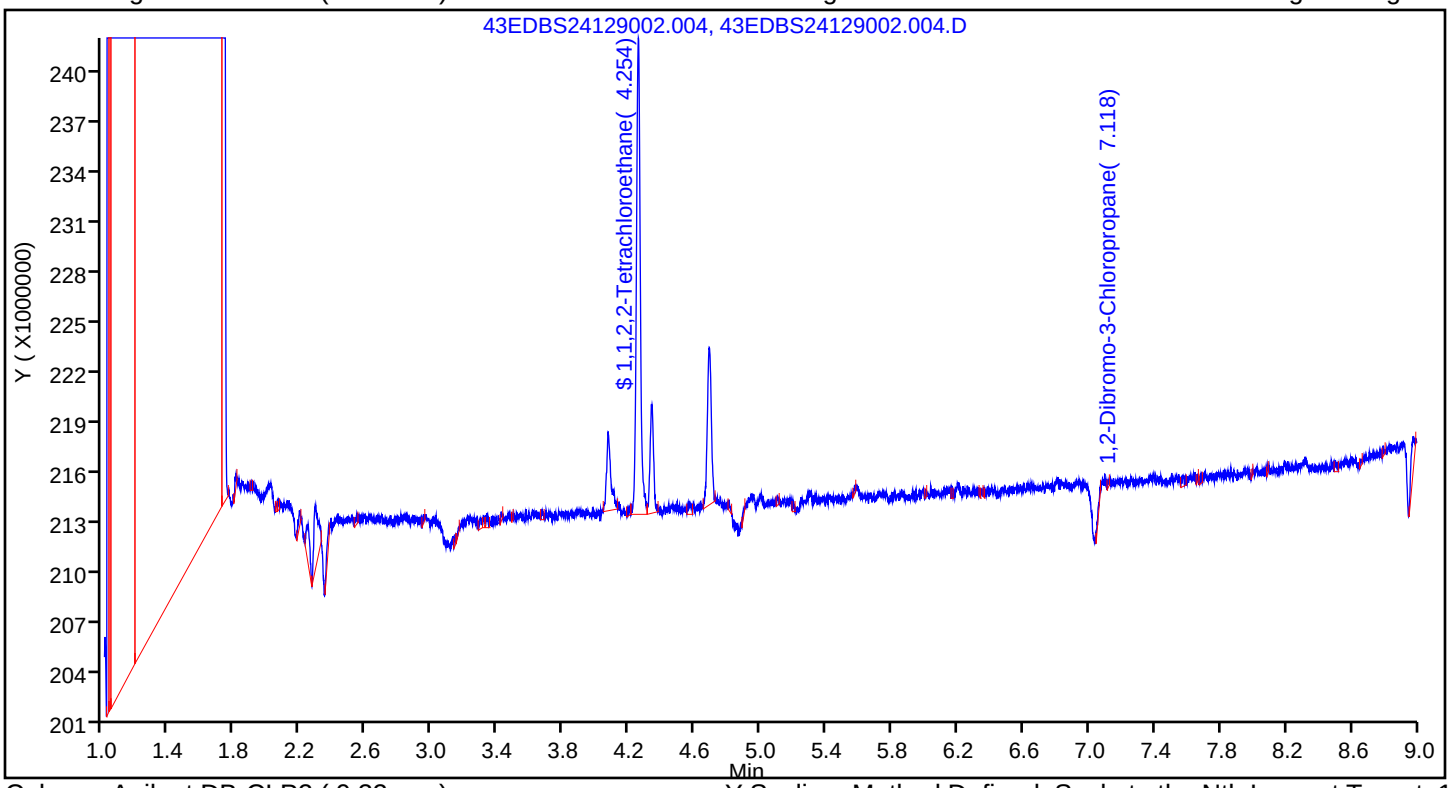
Client ID:

Operator ID: 120 ALS Bottle#: 0 Worklist Smp#: 4

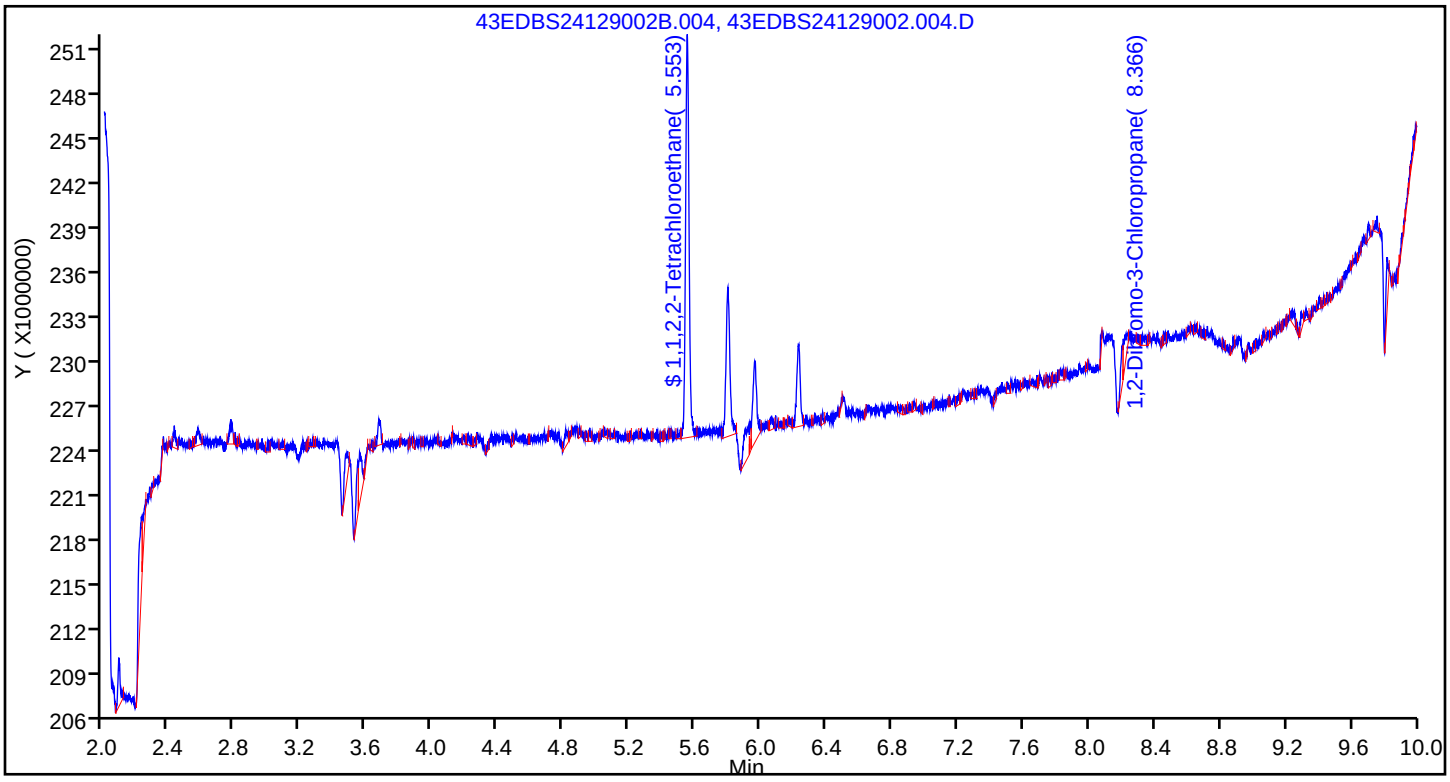
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846S Limit Group: GCSV - 8011 Solid

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-303245-1

SDG No.:

Client Sample ID:
Lab Sample ID: PIBLK 410-505199/4

Matrix: Solid
Lab File ID: 43EDBS24129002.004.D

Analysis Method: 8011
Date Collected:

Extraction Method:
Date Extracted:

Sample wt/vol: 0(mL)
Date Analyzed: 05/13/2024 09:11

Con. Extract Vol.:
Dilution Factor: 1

Injection Volume: 1(uL)
GC Column: DB CLP2 ID: 0.32(mm)

% Moisture: % Solids:
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 505199
Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	*1,2-Dibromoethane*	*0.18*	*U*	*0.53*	*0.18*

CAS NO.	SURROGATE	%REC	Q	LIMITS
79-34-5	1,1,2,2-Tetrachloroethane (Surr)	135		60-140

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240513-113723.b\43EDBS24129002.004.D
Lims ID: piblk
Client ID:
Sample Type: PIBLK
Inject. Date: 13-May-2024 09:11:00 ALS Bottle#: 0 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: piblk
Operator ID: 120 Instrument ID: 19846

Method: \\chromfs\Lancaster\ChromData\19846\20240513-113723.b\8011_19846S.m
Limit Group: GCSV - 8011 Solid
Last Update: 13-May-2024 14:02:12 Calib Date: 08-May-2024 11:02:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.009.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1642

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1		2.803				ND	
2		3.884					
$ 2 1,1,2,2-Tetrachloroethane							
1	4.254	4.249	0.005	28141141H	1.18	1.59	
2	5.553	5.549	0.004	26446196H	1.18	1.60	
						RPD = 0.72	
3 1,2-Dibromo-3-Chloropropane							
1	7.118	7.095	0.023	393255H		-0.009407	
2	8.366	8.390	-0.024	593073H		-0.3023	
						RPD = -187.93	

Reagents:

GCS_EIBK_00011 Amount Added: 1.00 Units: mL

Report Date: 13-May-2024 14:02:14 Chrom Revision: 2.3 01-May-2024 15:52:26

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240513-113723.b\43EDBS24129002.004.D

Injection Date: 13-May-2024 09:11:00 Instrument ID: 19846

Lims ID: piblk

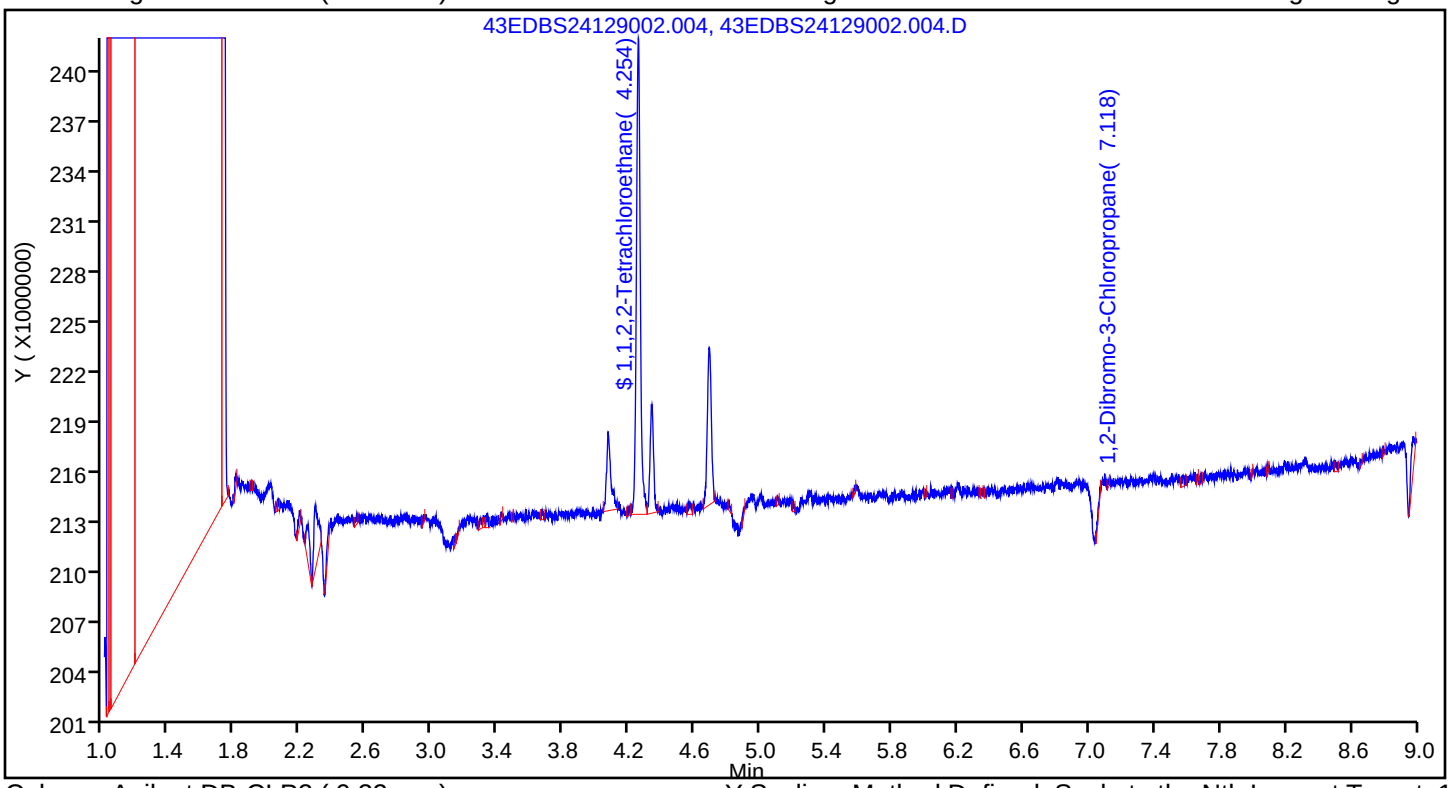
Client ID:

Operator ID: 120 ALS Bottle#: 0 Worklist Smp#: 4

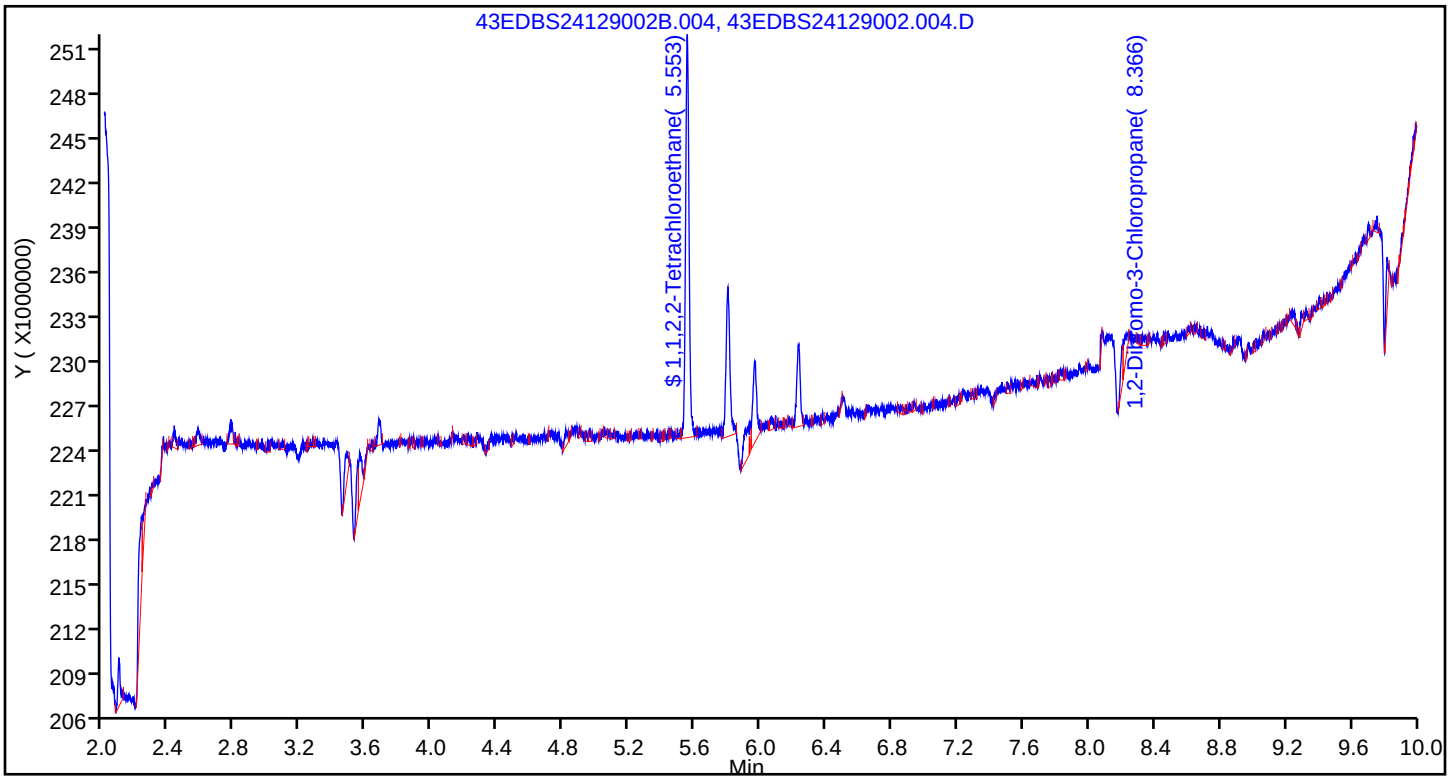
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846S Limit Group: GCSV - 8011 Solid

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-303245-1

SDG No.:

Client Sample ID: Lab Sample ID: PIBLK 410-505199/19

Matrix: Solid Lab File ID: 43EDBS24129002.019.D

Analysis Method: 8011 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: Date Analyzed: 05/13/2024 13:28

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: DB CLP1 ID: 0.32(mm)

% Moisture: % Solids: GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 505199 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.18	U	0.53	0.18

CAS NO.	SURROGATE	%REC	Q	LIMITS
79-34-5	1,1,2,2-Tetrachloroethane (Surr)	115		60-140

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240513-113723.b\43EDBS24129002.019.D
Lims ID: piblk
Client ID:
Sample Type: PIBLK
Inject. Date: 13-May-2024 13:28:00 ALS Bottle#: 0 Worklist Smp#: 19
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: piblk
Operator ID: 120 Instrument ID: 19846

Method: \\chromfs\Lancaster\ChromData\19846\20240513-113723.b\8011_19846S.m
Limit Group: GCSV - 8011 Solid
Last Update: 13-May-2024 14:02:30 Calib Date: 08-May-2024 11:02:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.009.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1642

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1		2.803				ND	
2		3.884					
$ 2 1,1,2,2-Tetrachloroethane							
1	4.249	4.249	0.000	25043726H	1.18	1.37	
2	5.550	5.549	0.001	23643721H	1.18	1.39	
						RPD = 1.98	
3 1,2-Dibromo-3-Chloropropane							
1	7.083	7.095	-0.012	1017307H		0.005853	
2	8.386	8.390	-0.004	609532H		-0.3016	
						RPD = -207.92	

Reagents:

GCS_EIBK_00011 Amount Added: 1.00 Units: mL

Report Date: 13-May-2024 14:02:32 Chrom Revision: 2.3 01-May-2024 15:52:26

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240513-113723.b\43EDBS24129002.019.D

Injection Date: 13-May-2024 13:28:00 Instrument ID: 19846

Lims ID: piblk

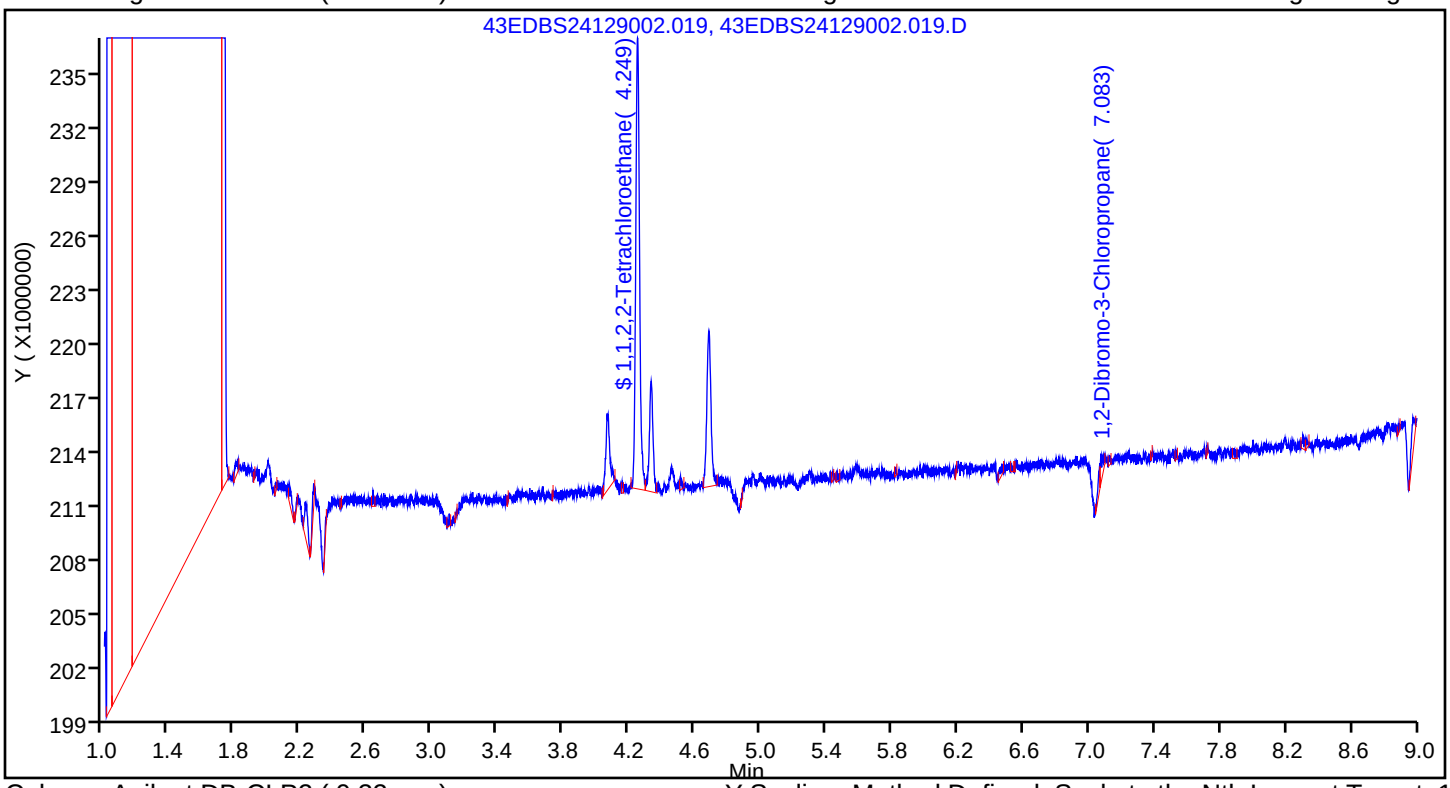
Client ID:

Operator ID: 120 ALS Bottle#: 0 Worklist Smp#: 19

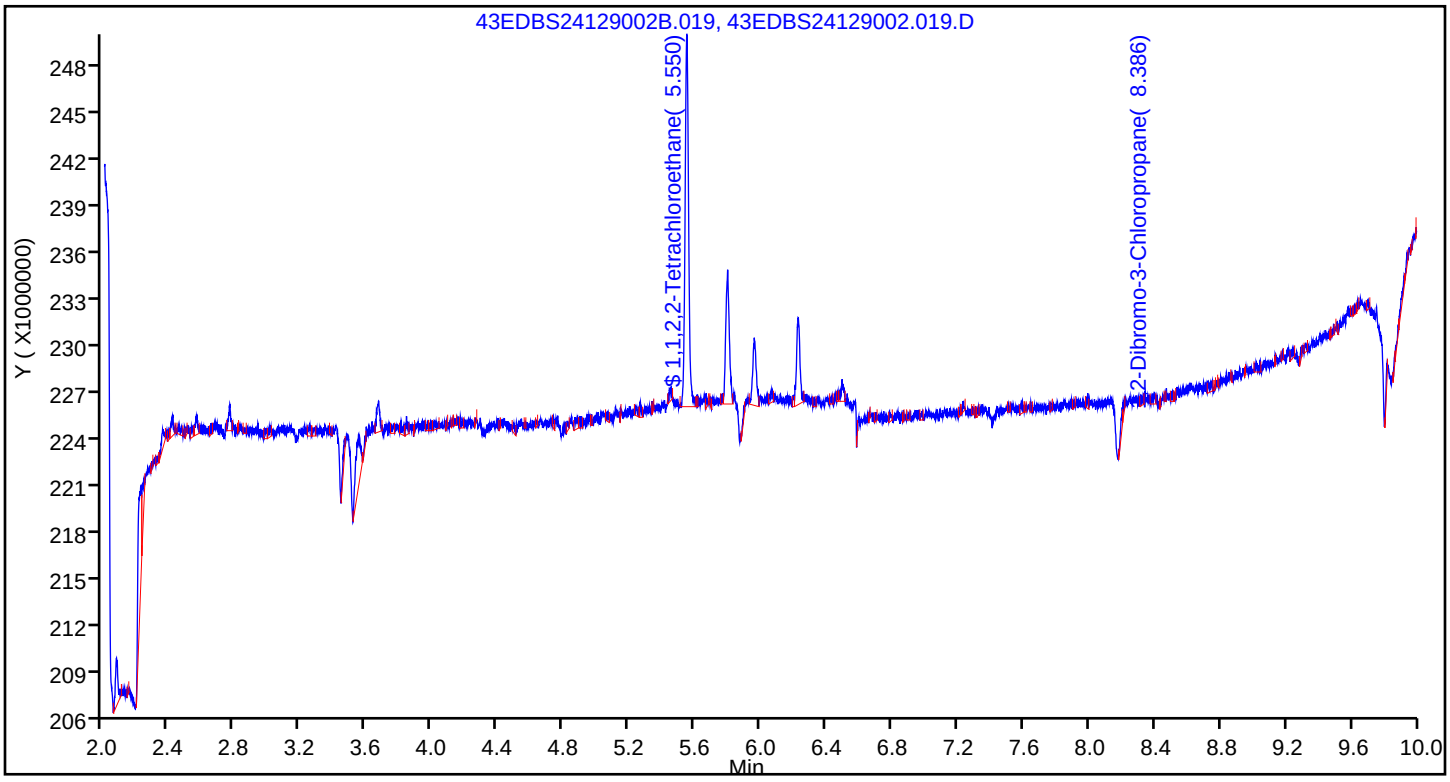
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846S Limit Group: GCSV - 8011 Solid

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-303245-1

SDG No.:

Client Sample ID:
Lab Sample ID: PIBLK 410-505199/19

Matrix: Solid
Lab File ID: 43EDBS24129002.019.D

Analysis Method: 8011
Date Collected:

Extraction Method:
Date Extracted:

Sample wt/vol:
Date Analyzed: 05/13/2024 13:28

Con. Extract Vol.:
Dilution Factor: 1

Injection Volume: 1(uL)
GC Column: DB CLP2 ID: 0.32(mm)

% Moisture: % Solids:
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 505199
Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	*1,2-Dibromoethane*	*0.18*	*U*	*0.53*	*0.18*

CAS NO.	SURROGATE	%REC	Q	LIMITS
79-34-5	1,1,2,2-Tetrachloroethane (Surr)	118		60-140

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240513-113723.b\43EDBS24129002.019.D
Lims ID: piblk
Client ID:
Sample Type: PIBLK
Inject. Date: 13-May-2024 13:28:00 ALS Bottle#: 0 Worklist Smp#: 19
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: piblk
Operator ID: 120 Instrument ID: 19846

Method: \\chromfs\Lancaster\ChromData\19846\20240513-113723.b\8011_19846S.m
Limit Group: GCSV - 8011 Solid
Last Update: 13-May-2024 14:02:30 Calib Date: 08-May-2024 11:02:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.009.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1642

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1		2.803				ND	
2		3.884					
$ 2 1,1,2,2-Tetrachloroethane							
1	4.249	4.249	0.000	25043726H	1.18	1.37	
2	5.550	5.549	0.001	23643721H	1.18	1.39	
						RPD = 1.98	
3 1,2-Dibromo-3-Chloropropane							
1	7.083	7.095	-0.012	1017307H		0.005853	
2	8.386	8.390	-0.004	609532H		-0.3016	
						RPD = -207.92	

Reagents:

GCS_EIBK_00011 Amount Added: 1.00 Units: mL

Report Date: 13-May-2024 14:02:32 Chrom Revision: 2.3 01-May-2024 15:52:26

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240513-113723.b\43EDBS24129002.019.D

Injection Date: 13-May-2024 13:28:00 Instrument ID: 19846

Lims ID: piblk

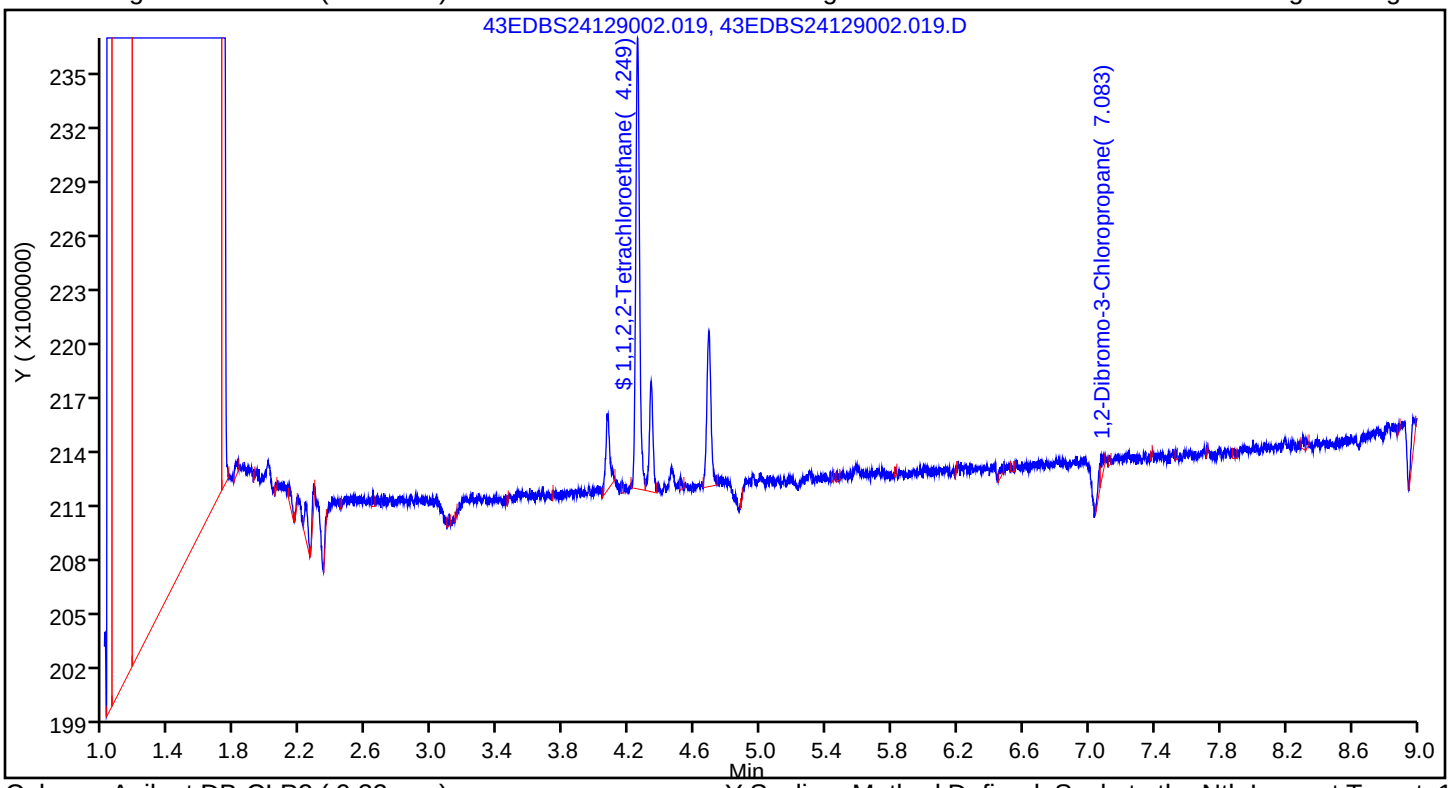
Client ID:

Operator ID: 120 ALS Bottle#: 0 Worklist Smp#: 19

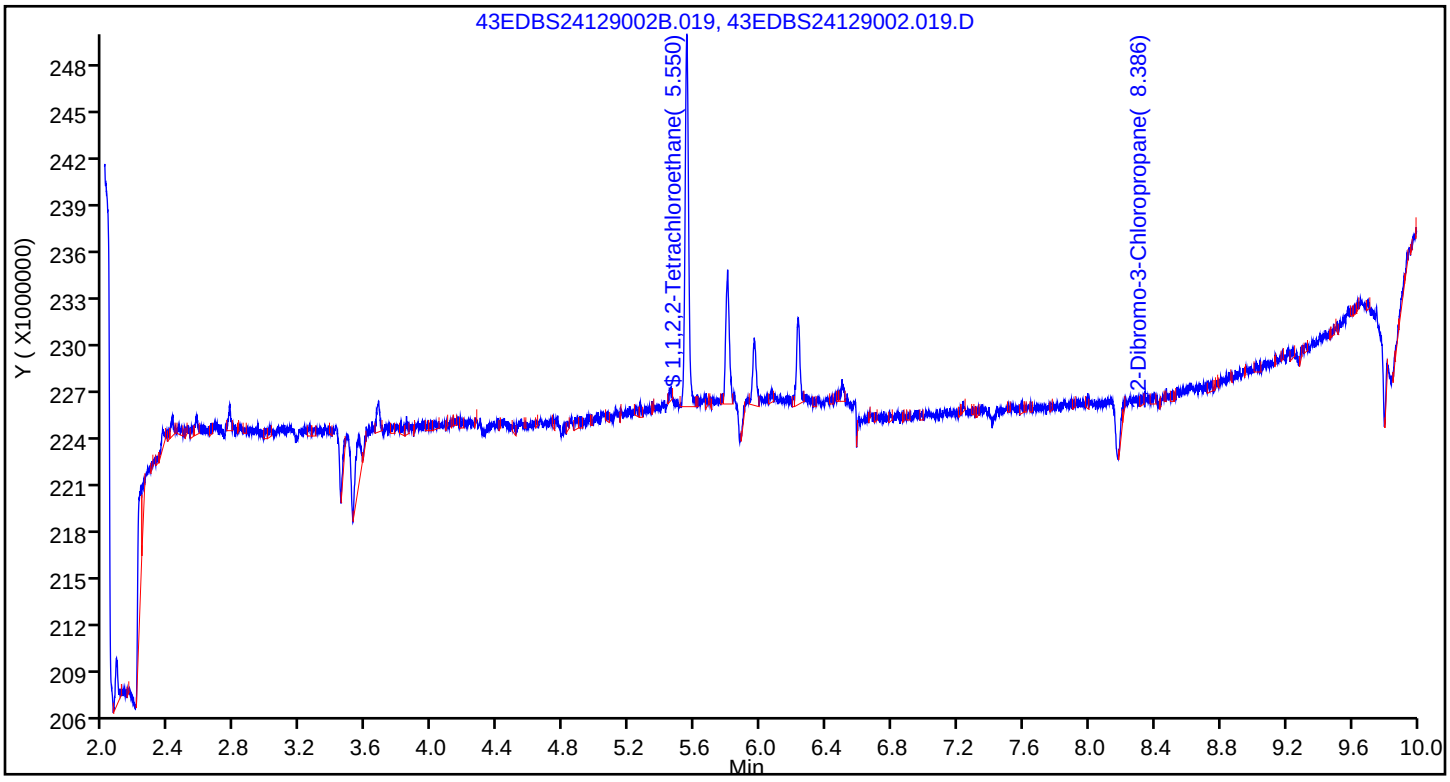
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846S Limit Group: GCSV - 8011 Solid

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-303245-1

SDG No.:

Client Sample ID: Lab Sample ID: PIBLK 410-505957/3

Matrix: Water Lab File ID: 43EDBW24135001.003.D

Analysis Method: 8011 Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 0(mL) Date Analyzed: 05/14/2024 12:38

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: DB CLP1 ID: 0.32(mm)

% Moisture: % Solids: GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 505957 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.18	U	0.53	0.18

CAS NO.	SURROGATE	%REC	Q	LIMITS
79-34-5	1,1,2,2-Tetrachloroethane (Surr)	107		46-136

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\43EDBW24135001.003.D
Lims ID: piblk
Client ID:
Sample Type: PIBLK
Inject. Date: 14-May-2024 12:38:00 ALS Bottle#: 0 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: piblk
Operator ID: 120 Instrument ID: 19846

Method: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\8011_19846.m
Limit Group: GCSV - 8011 Waters
Last Update: 15-May-2024 07:14:01 Calib Date: 14-May-2024 14:21:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\43EDBW24135001.009.D

Column 1 : DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1682

First Level Reviewer: URS0 Date: 15-May-2024 07:01:44

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1		2.804				ND	
2		3.883					
$ 2 1,1,2,2-Tetrachloroethane							
1	4.251	4.248	0.003	27722827H	1.18	1.26	
2	5.550	5.548	0.002	24788078H	1.18	1.21	
						RPD = 4.47	
3 1,2-Dibromo-3-Chloropropane							
1	7.074	7.093	-0.019	364329H		0.1499	
2	8.393	8.388	0.005	461761H		0.0465	
						RPD = 105.31	

QC Flag Legend

Processing Flags
H - Response Measured by Height

Reagents:

GCS_EIBK_00011 Amount Added: 1.00 Units: mL

Report Date: 15-May-2024 07:14:50 Chrom Revision: 2.3 01-May-2024 15:52:26

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\43EDBW24135001.003.D

Injection Date: 14-May-2024 12:38:00 Instrument ID: 19846

Lims ID: piblk

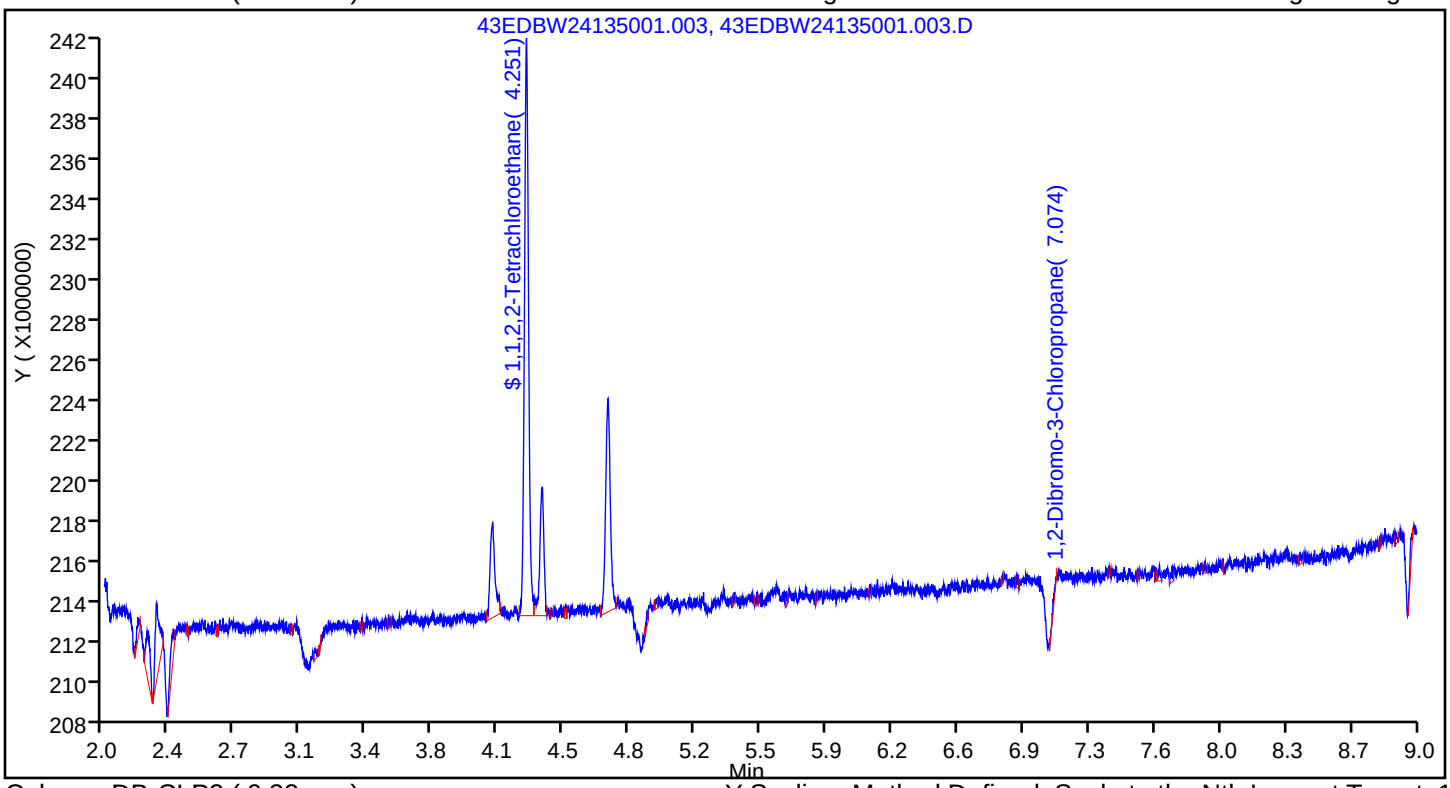
Client ID:

Operator ID: 120 ALS Bottle#: 0 Worklist Smp#: 3

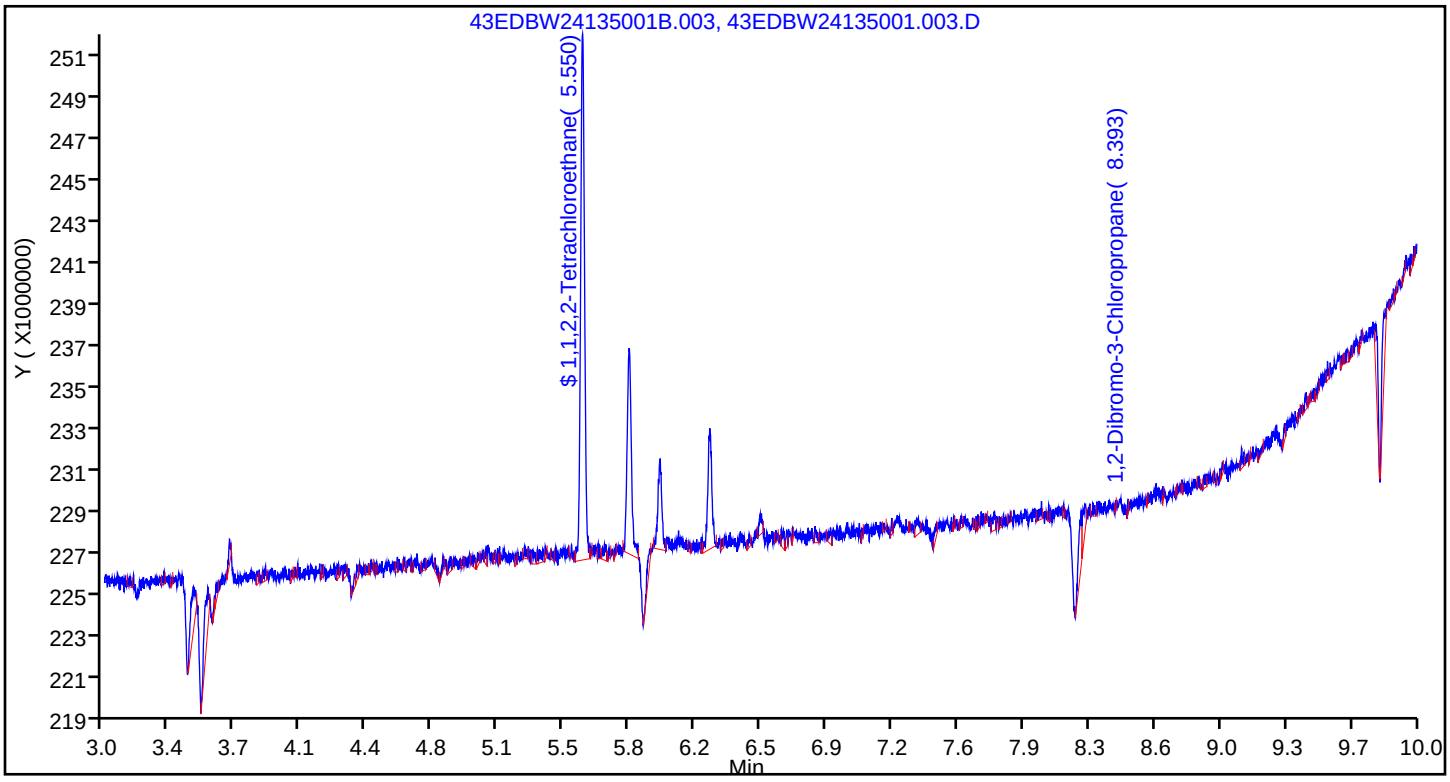
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846 Limit Group: GCSV - 8011 Waters

Column: DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-303245-1

SDG No.:

Client Sample ID:
Lab Sample ID: PIBLK 410-505957/3

Matrix: Water
Lab File ID: 43EDBW24135001.003.D

Analysis Method: 8011
Date Collected:

Extraction Method:
Date Extracted:

Sample wt/vol: 0(mL)
Date Analyzed: 05/14/2024 12:38

Con. Extract Vol.:
Dilution Factor: 1

Injection Volume: 1(uL)
GC Column: DB CLP2 ID: 0.32(mm)

% Moisture: % Solids:
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 505957
Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	*1,2-Dibromoethane*	*0.18*	*U*	*0.53*	*0.18*

CAS NO.	SURROGATE	%REC	Q	LIMITS
79-34-5	1,1,2,2-Tetrachloroethane (Surr)	102		46-136

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\43EDBW24135001.003.D
Lims ID: piblk
Client ID:
Sample Type: PIBLK
Inject. Date: 14-May-2024 12:38:00 ALS Bottle#: 0 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: piblk
Operator ID: 120 Instrument ID: 19846

Method: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\8011_19846.m
Limit Group: GCSV - 8011 Waters
Last Update: 15-May-2024 07:14:01 Calib Date: 14-May-2024 14:21:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\43EDBW24135001.009.D

Column 1 : DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1682

First Level Reviewer: URS0 Date: 15-May-2024 07:01:44

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1		2.804				ND	
2		3.883					
$ 2 1,1,2,2-Tetrachloroethane							
1	4.251	4.248	0.003	27722827H	1.18	1.26	
2	5.550	5.548	0.002	24788078H	1.18	1.21	
						RPD = 4.47	
3 1,2-Dibromo-3-Chloropropane							
1	7.074	7.093	-0.019	364329H		0.1499	
2	8.393	8.388	0.005	461761H		0.0465	
						RPD = 105.31	

QC Flag Legend

Processing Flags
H - Response Measured by Height

Reagents:

GCS_EIBK_00011 Amount Added: 1.00 Units: mL

Report Date: 15-May-2024 07:14:50 Chrom Revision: 2.3 01-May-2024 15:52:26

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\43EDBW24135001.003.D

Injection Date: 14-May-2024 12:38:00 Instrument ID: 19846

Lims ID: piblk

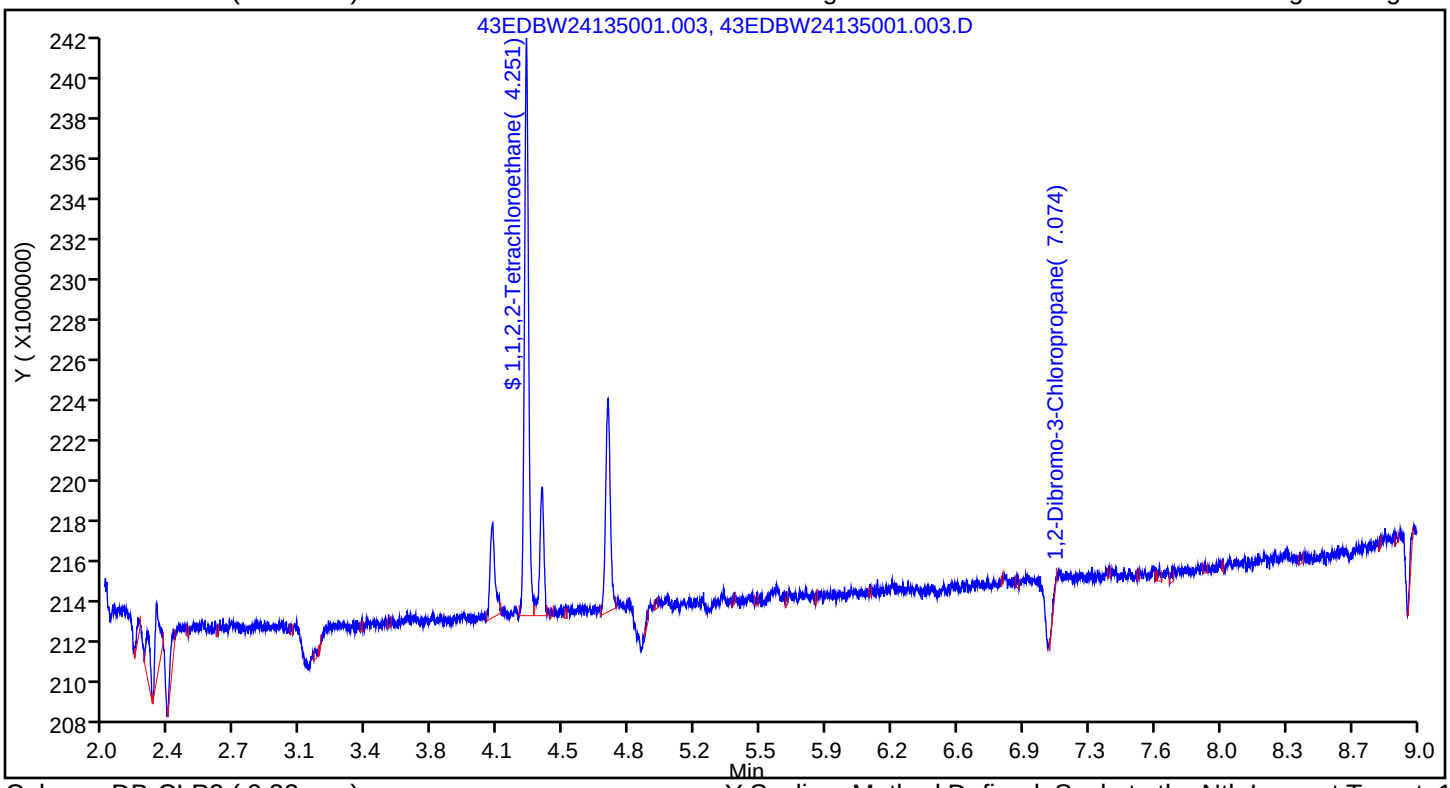
Client ID:

Operator ID: 120 ALS Bottle#: 0 Worklist Smp#: 3

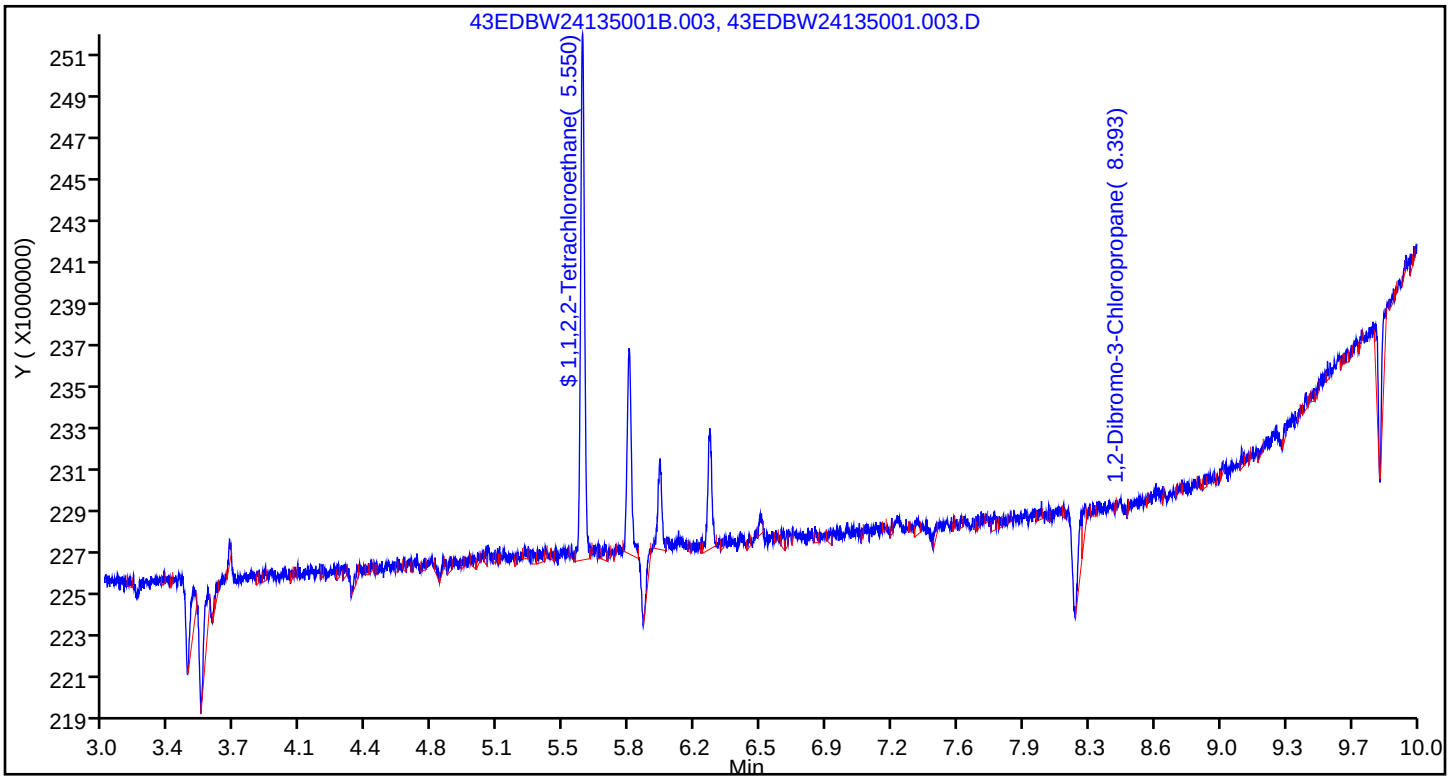
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846 Limit Group: GCSV - 8011 Waters

Column: DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-303245-1

SDG No.:

Client Sample ID:
Lab Sample ID: PIBLK 410-505957/23

Matrix: Water
Lab File ID: 43EDBW24135001.023.D

Analysis Method: 8011
Date Collected:

Extraction Method:
Date Extracted:

Sample wt/vol: 0(mL)
Date Analyzed: 05/14/2024 18:21

Con. Extract Vol.:
Dilution Factor: 1

Injection Volume: 1(uL)
GC Column: DB CLP1 ID: 0.32(mm)

% Moisture: % Solids:
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 505957
Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.18	U	0.53	0.18

CAS NO.	SURROGATE	%REC	Q	LIMITS
79-34-5	1,1,2,2-Tetrachloroethane (Surr)	96		46-136

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\43EDBW24135001.023.D
Lims ID: piblk
Client ID:
Sample Type: PIBLK
Inject. Date: 14-May-2024 18:21:00 ALS Bottle#: 0 Worklist Smp#: 23
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: piblk
Operator ID: 120 Instrument ID: 19846

Method: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\8011_19846.m
Limit Group: GCSV - 8011 Waters
Last Update: 15-May-2024 11:01:36 Calib Date: 14-May-2024 14:21:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\43EDBW24135001.009.D

Column 1 : DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1682

First Level Reviewer: URS0 Date: 15-May-2024 10:42:18

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1		2.804				ND	
2		3.883					
$ 2 1,1,2,2-Tetrachloroethane							
1	4.243	4.248	-0.005	24845971H	1.18	1.13	
2	5.543	5.548	-0.005	24102665H	1.18	1.17	
						RPD = 3.68	
3 1,2-Dibromo-3-Chloropropane							
1	7.063	7.093	-0.030	562250H		0.1542	
2	8.378	8.388	-0.010	644960H		0.0516	
						RPD = 99.74	

QC Flag Legend

Processing Flags
H - Response Measured by Height

Reagents:

GCS_EIBK_00011 Amount Added: 1.00 Units: mL

Report Date: 15-May-2024 11:01:38 Chrom Revision: 2.3 01-May-2024 15:52:26

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\43EDBW24135001.023.D

Injection Date: 14-May-2024 18:21:00 Instrument ID: 19846

Lims ID: piblk

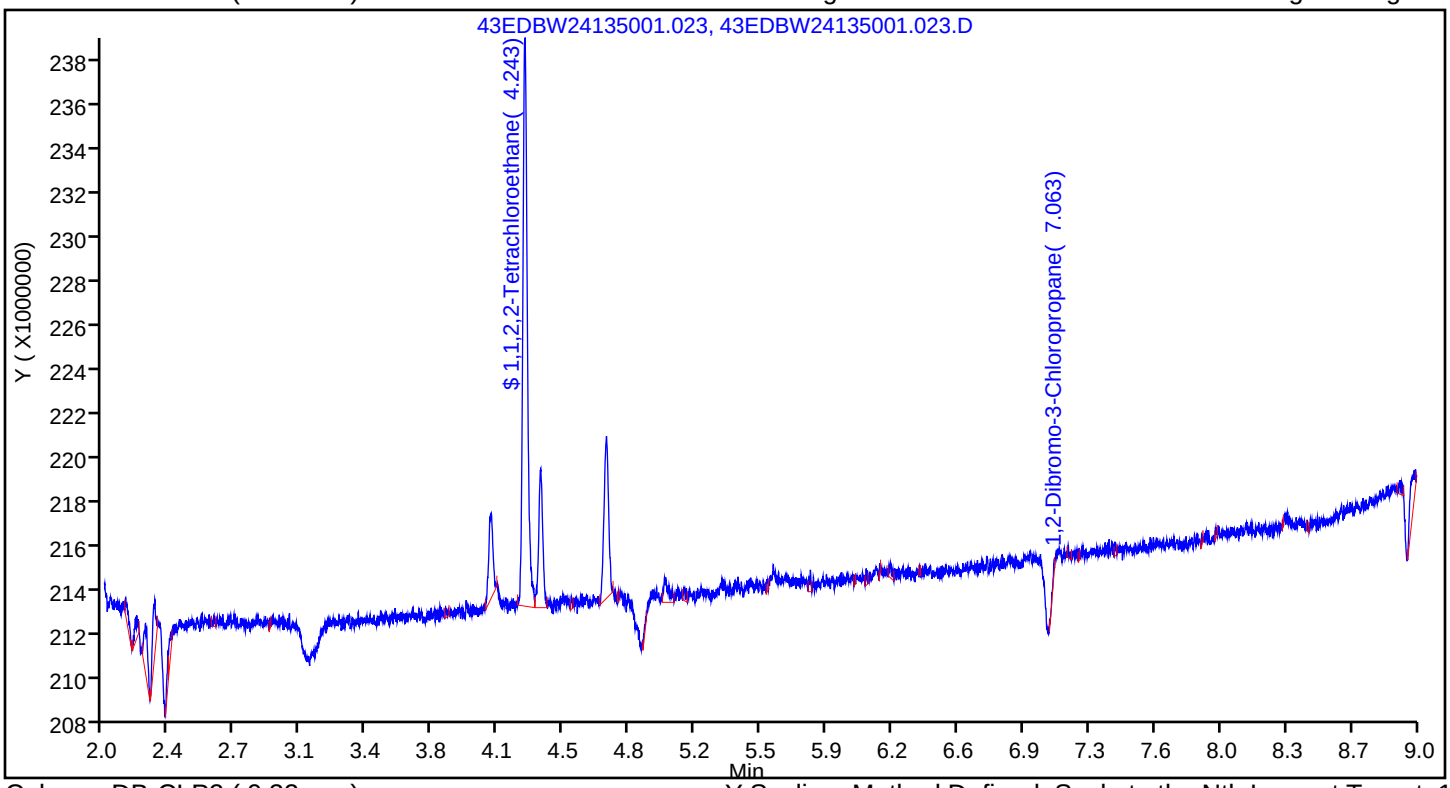
Client ID:

Operator ID: 120 ALS Bottle#: 0 Worklist Smp#: 23

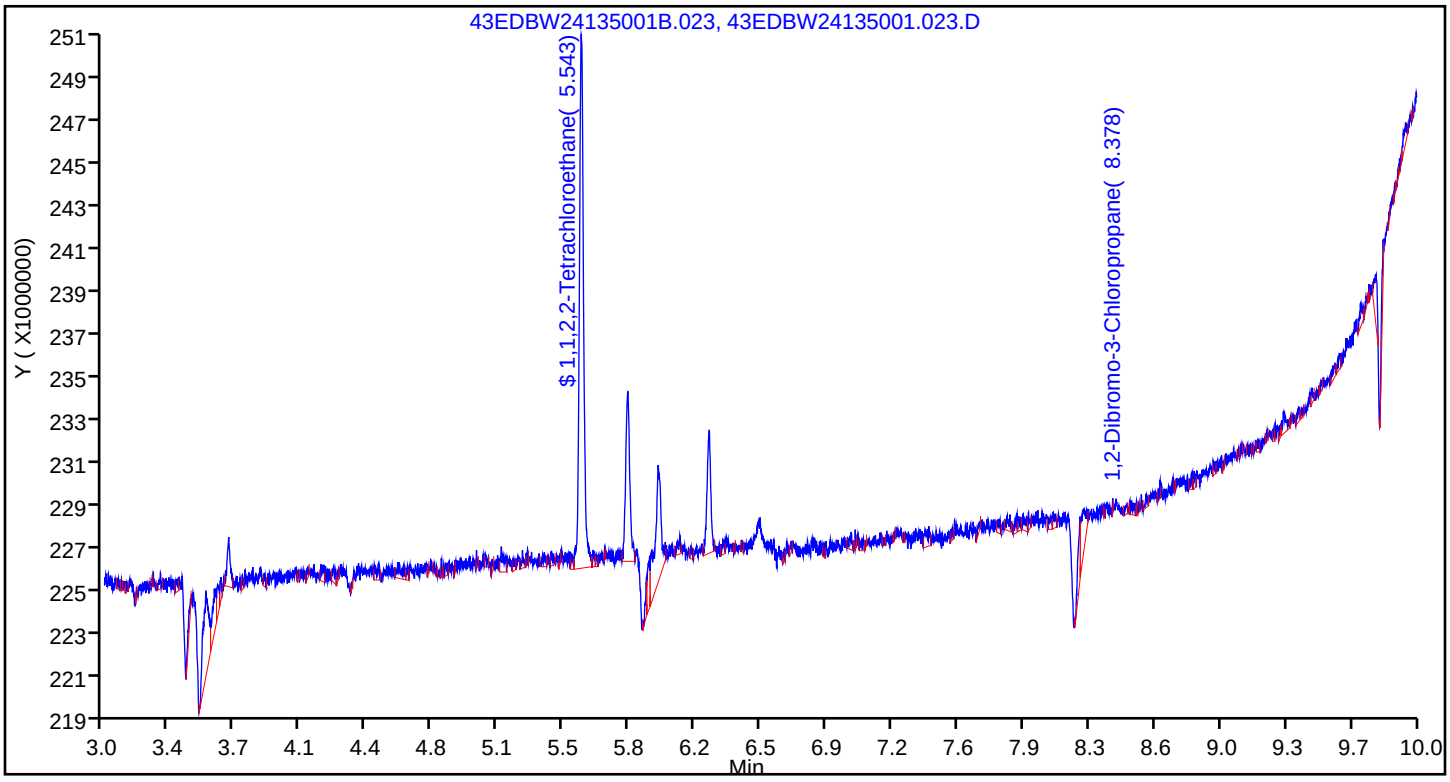
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846 Limit Group: GCSV - 8011 Waters

Column: DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-303245-1

SDG No.:

Client Sample ID:
Lab Sample ID: PIBLK 410-505957/23

Matrix: Water
Lab File ID: 43EDBW24135001.023.D

Analysis Method: 8011
Date Collected:

Extraction Method:
Date Extracted:

Sample wt/vol: 0(mL)
Date Analyzed: 05/14/2024 18:21

Con. Extract Vol.:
Dilution Factor: 1

Injection Volume: 1(uL)
GC Column: DB CLP2 ID: 0.32(mm)

% Moisture: % Solids:
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 505957
Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	*1,2-Dibromoethane*	*0.18*	*U*	*0.53*	*0.18*

CAS NO.	SURROGATE	%REC	Q	LIMITS
79-34-5	1,1,2,2-Tetrachloroethane (Surr)	99		46-136

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\43EDBW24135001.023.D
Lims ID: piblk
Client ID:
Sample Type: PIBLK
Inject. Date: 14-May-2024 18:21:00 ALS Bottle#: 0 Worklist Smp#: 23
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: piblk
Operator ID: 120 Instrument ID: 19846

Method: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\8011_19846.m
Limit Group: GCSV - 8011 Waters
Last Update: 15-May-2024 11:01:36 Calib Date: 14-May-2024 14:21:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\43EDBW24135001.009.D

Column 1 : DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1682

First Level Reviewer: URS0 Date: 15-May-2024 10:42:18

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1		2.804				ND	
2		3.883					
$ 2 1,1,2,2-Tetrachloroethane							
1	4.243	4.248	-0.005	24845971H	1.18	1.13	
2	5.543	5.548	-0.005	24102665H	1.18	1.17	
						RPD = 3.68	
3 1,2-Dibromo-3-Chloropropane							
1	7.063	7.093	-0.030	562250H		0.1542	
2	8.378	8.388	-0.010	644960H		0.0516	
						RPD = 99.74	

QC Flag Legend

Processing Flags
H - Response Measured by Height

Reagents:

GCS_EIBK_00011 Amount Added: 1.00 Units: mL

Report Date: 15-May-2024 11:01:39 Chrom Revision: 2.3 01-May-2024 15:52:26

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\43EDBW24135001.023.D

Injection Date: 14-May-2024 18:21:00 Instrument ID: 19846

Lims ID: piblk

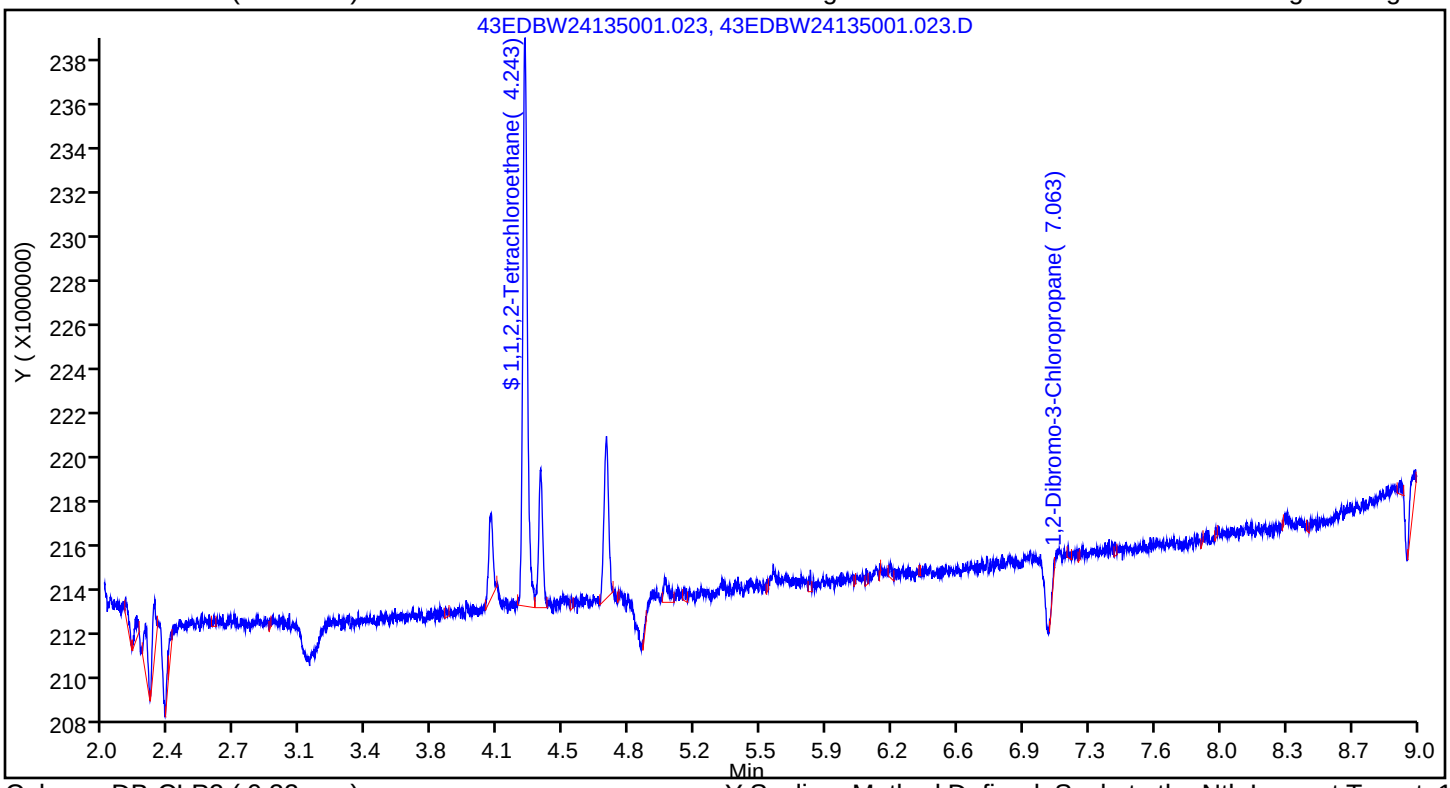
Client ID:

Operator ID: 120 ALS Bottle#: 0 Worklist Smp#: 23

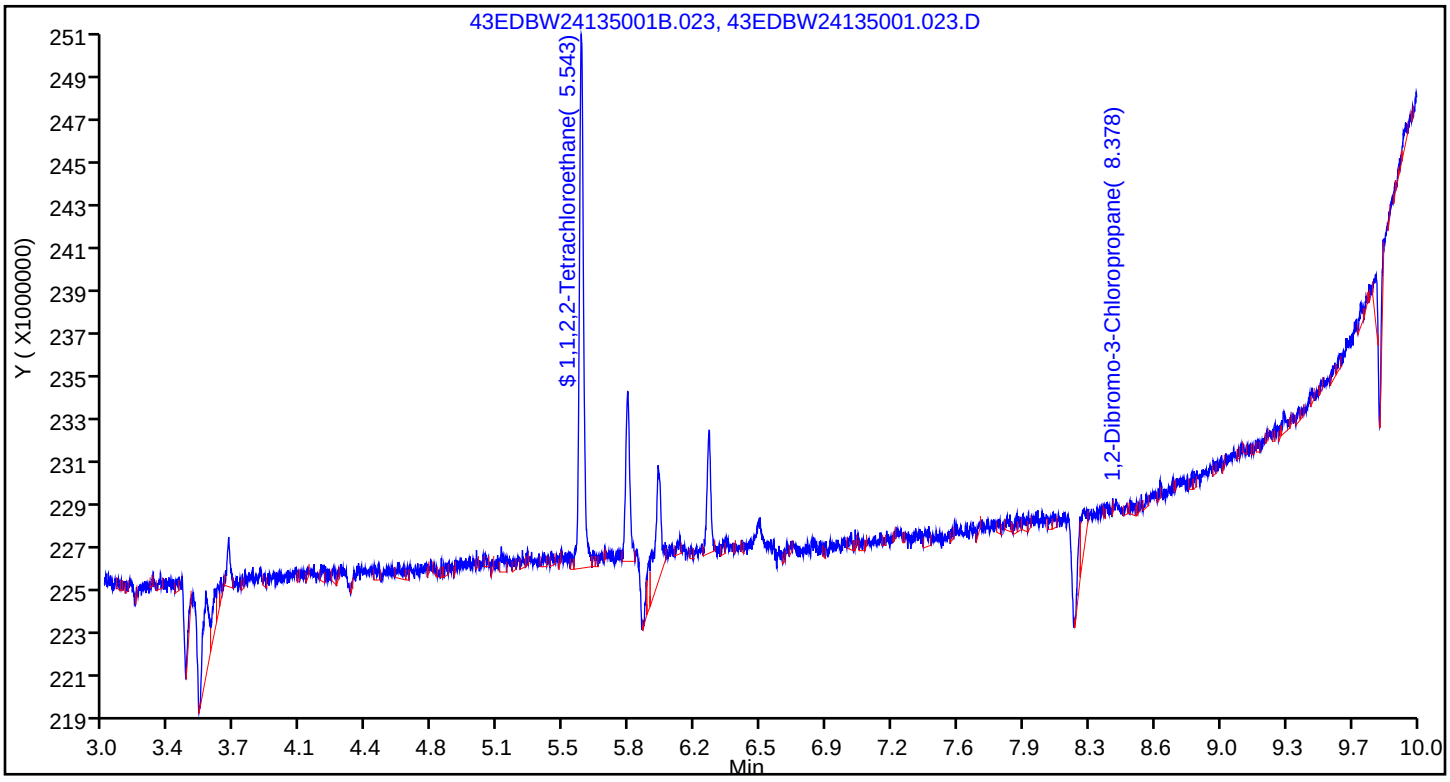
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846 Limit Group: GCSV - 8011 Waters

Column: DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-303245-1

SDG No.:

Client Sample ID:
Lab Sample ID: LCS 410-503073/2-A

Matrix: Solid
Lab File ID: 43EDBS24129001.013.D

Analysis Method: 8011
Date Collected:

Extraction Method: 8011
Date Extracted: 05/07/2024 12:20

Sample wt/vol: 10(g)
Date Analyzed: 05/08/2024 12:11

Con. Extract Vol.: 10(mL)
Dilution Factor: 1

Injection Volume: 1(uL)
GC Column: DB CLP1 ID: 0.32(mm)

% Moisture: % Solids:
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 503517
Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.00230		0.00050	0.00021

CAS NO.	SURROGATE	%REC	Q	LIMITS
79-34-5	1,1,2,2-Tetrachloroethane (Surr)	104		60-140

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.013.D
Lims ID: LCS 410-503073/2-A
Client ID:
Sample Type: LCS
Inject. Date: 08-May-2024 12:11:00 ALS Bottle#: 0 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: LCS 410-503073/2-A
Operator ID: 120 Instrument ID: 19846

Method: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\8011_19846S.m
Limit Group: GCSV - 8011 Solid
Last Update: 09-May-2024 07:43:45 Calib Date: 08-May-2024 11:02:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.009.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1627

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	2.798	2.803	-0.005	47192293H	2.56	2.30	
2	3.883	3.885	-0.002	46239038H	2.56	2.31	
						RPD = 0.48	
$ 2 1,1,2,2-Tetrachloroethane							
1	4.247	4.249	-0.002	23762511H	1.23	1.28	
2	5.549	5.550	-0.001	22345858H	1.23	1.30	
						RPD = 1.78	
3 1,2-Dibromo-3-Chloropropane							
1	7.095	7.095	0.000	93402637H	2.56	2.70	
2	8.390	8.391	-0.001	79016186H	2.56	3.04	
						RPD = 11.91	

Report Date: 09-May-2024 07:44:21 Chrom Revision: 2.3 01-May-2024 15:52:26

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.013.D

Injection Date: 08-May-2024 12:11:00 Instrument ID: 19846

Lims ID: LCS 410-503073/2-A

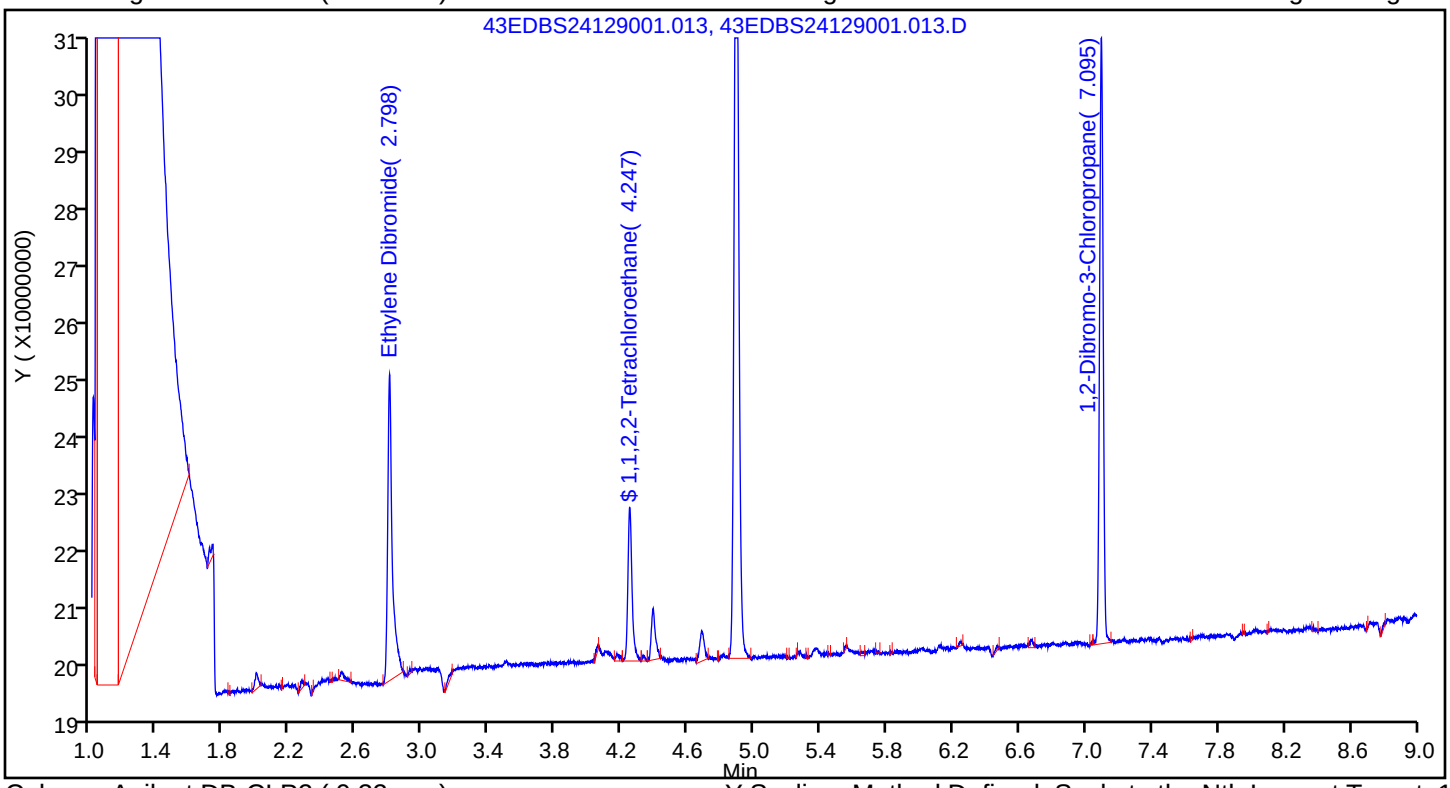
Client ID:

Operator ID: 120 ALS Bottle#: 0 Worklist Smp#: 13

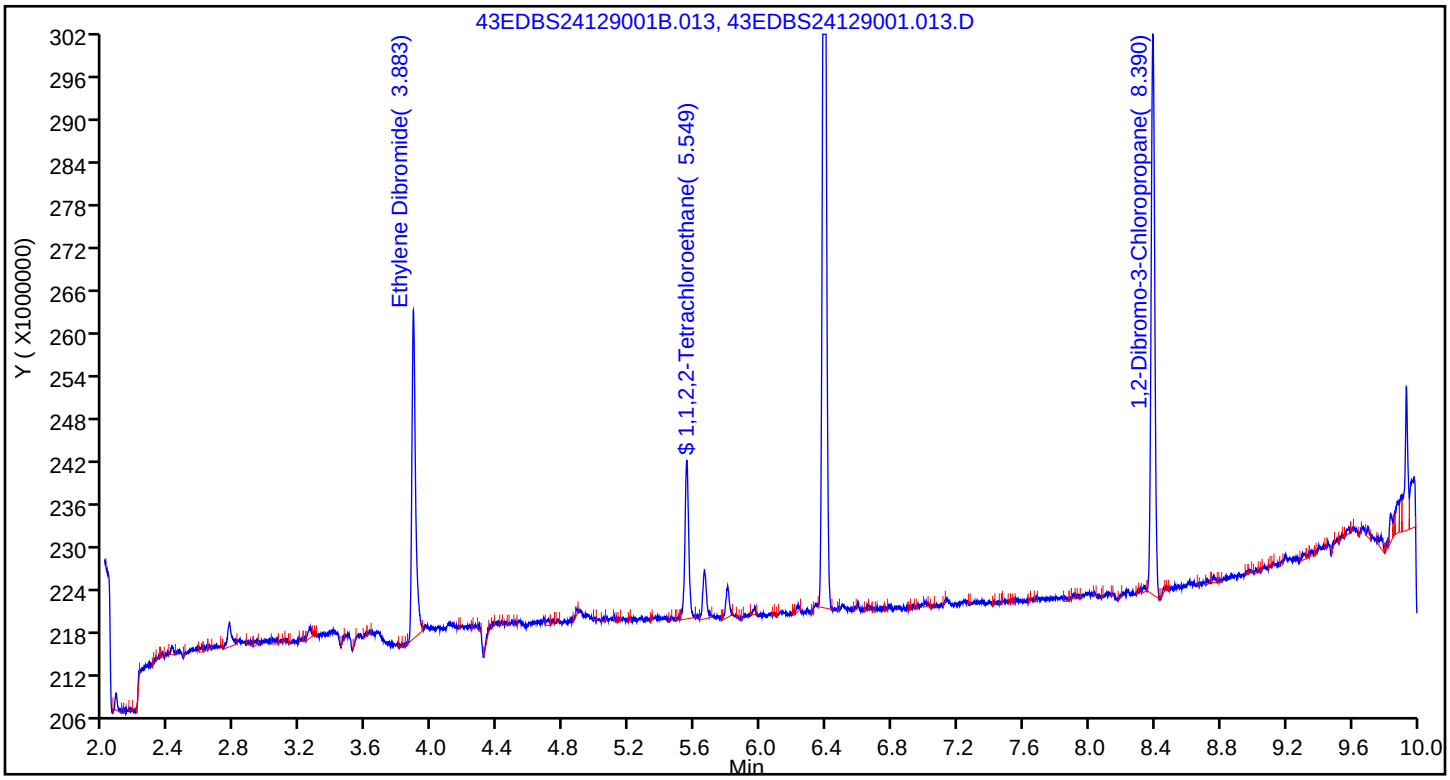
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846S Limit Group: GCSV - 8011 Solid

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-303245-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 410-503073/2-A

Matrix: Solid Lab File ID: 43EDBS24129001.013.D

Analysis Method: 8011 Date Collected:

Extraction Method: 8011 Date Extracted: 05/07/2024 12:20

Sample wt/vol: 10(g) Date Analyzed: 05/08/2024 12:11

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: DB CLP2 ID: 0.32(mm)

% Moisture: % Solids: GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 503517 Units: mg/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
79-34-5	1,1,2,2-Tetrachloroethane (Surr)	106		60-140

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.013.D
Lims ID: LCS 410-503073/2-A
Client ID:
Sample Type: LCS
Inject. Date: 08-May-2024 12:11:00 ALS Bottle#: 0 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: LCS 410-503073/2-A
Operator ID: 120 Instrument ID: 19846

Method: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\8011_19846S.m
Limit Group: GCSV - 8011 Solid
Last Update: 09-May-2024 07:43:45 Calib Date: 08-May-2024 11:02:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.009.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1627

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	2.798	2.803	-0.005	47192293H	2.56	2.30	
2	3.883	3.885	-0.002	46239038H	2.56	2.31	
						RPD = 0.48	
$ 2 1,1,2,2-Tetrachloroethane							
1	4.247	4.249	-0.002	23762511H	1.23	1.28	
2	5.549	5.550	-0.001	22345858H	1.23	1.30	
						RPD = 1.78	
3 1,2-Dibromo-3-Chloropropane							
1	7.095	7.095	0.000	93402637H	2.56	2.70	
2	8.390	8.391	-0.001	79016186H	2.56	3.04	
						RPD = 11.91	

Report Date: 09-May-2024 07:44:21 Chrom Revision: 2.3 01-May-2024 15:52:26

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.013.D

Injection Date: 08-May-2024 12:11:00 Instrument ID: 19846

Lims ID: LCS 410-503073/2-A

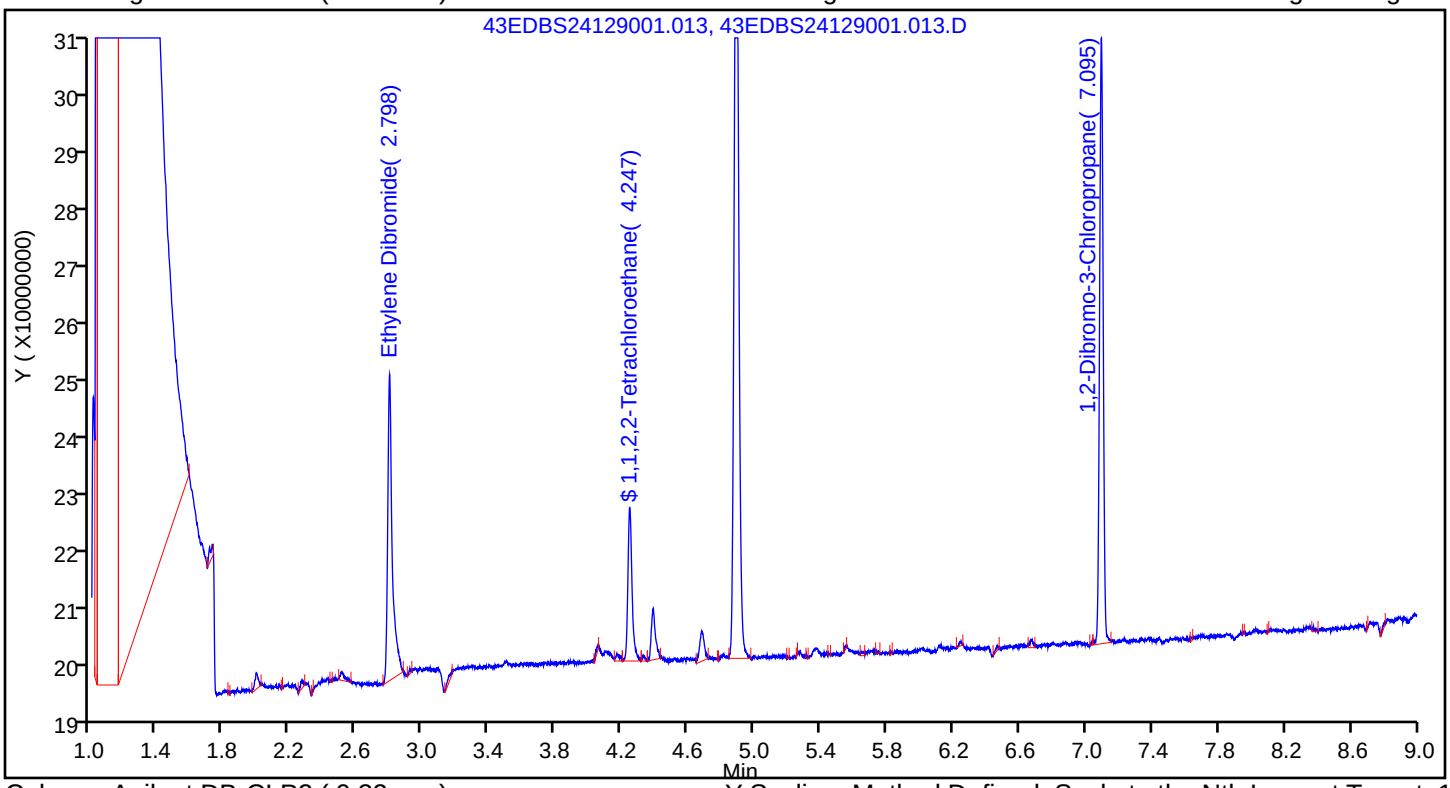
Client ID:

Operator ID: 120 ALS Bottle#: 0 Worklist Smp#: 13

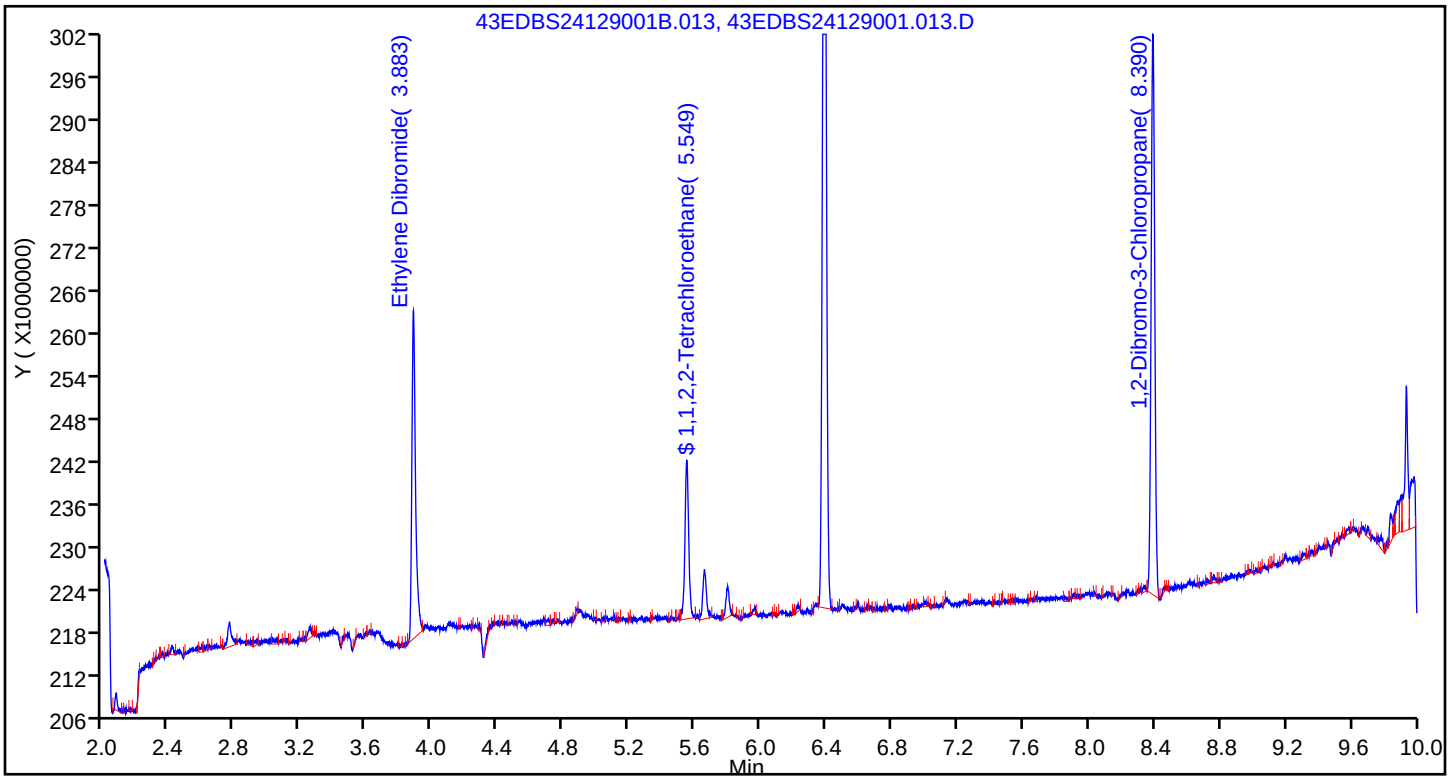
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846S Limit Group: GCSV - 8011 Solid

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-303245-1

SDG No.:

Client Sample ID:
Lab Sample ID: LCS 410-504517/2-A

Matrix: Solid
Lab File ID: 43EDBS24129002.006.D

Analysis Method: 8011
Date Collected:

Extraction Method: 8011
Date Extracted: 05/10/2024 08:28

Sample wt/vol: 10(g)
Date Analyzed: 05/13/2024 09:46

Con. Extract Vol.: 10(mL)
Dilution Factor: 1

Injection Volume: 1(uL)
GC Column: DB CLP1 ID: 0.32(mm)

% Moisture: % Solids:
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 505199
Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.00250		0.00050	0.00021

CAS NO.	SURROGATE	%REC	Q	LIMITS
79-34-5	1,1,2,2-Tetrachloroethane (Surr)	103		60-140

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240513-113723.b\43EDBS24129002.006.D
Lims ID: LCS 410-504517/2-A
Client ID:
Sample Type: LCS
Inject. Date: 13-May-2024 09:46:00 ALS Bottle#: 0 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: LCS 410-504517/2-A
Operator ID: 120 Instrument ID: 19846

Method: \\chromfs\Lancaster\ChromData\19846\20240513-113723.b\8011_19846S.m
Limit Group: GCSV - 8011 Solid
Last Update: 13-May-2024 14:02:12 Calib Date: 08-May-2024 11:02:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.009.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1642

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	2.800	2.803	-0.003	50461798H	2.56	2.50	
2	3.884	3.884	0.000	48197414H	2.56	2.43	
						RPD = 2.55	
$ 2 1,1,2,2-Tetrachloroethane							
1	4.249	4.249	0.000	23637911H	1.23	1.27	
2	5.548	5.549	-0.001	22172162H	1.23	1.29	
						RPD = 1.51	
3 1,2-Dibromo-3-Chloropropane							
1	7.094	7.095	-0.001	94883277H	2.56	2.75	
2	8.391	8.390	0.001	78661706H	2.56	3.02	
						RPD = 9.46	

Report Date: 13-May-2024 14:02:17 Chrom Revision: 2.3 01-May-2024 15:52:26

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240513-113723.b\43EDBS24129002.006.D

Injection Date: 13-May-2024 09:46:00 Instrument ID: 19846

Lims ID: LCS 410-504517/2-A

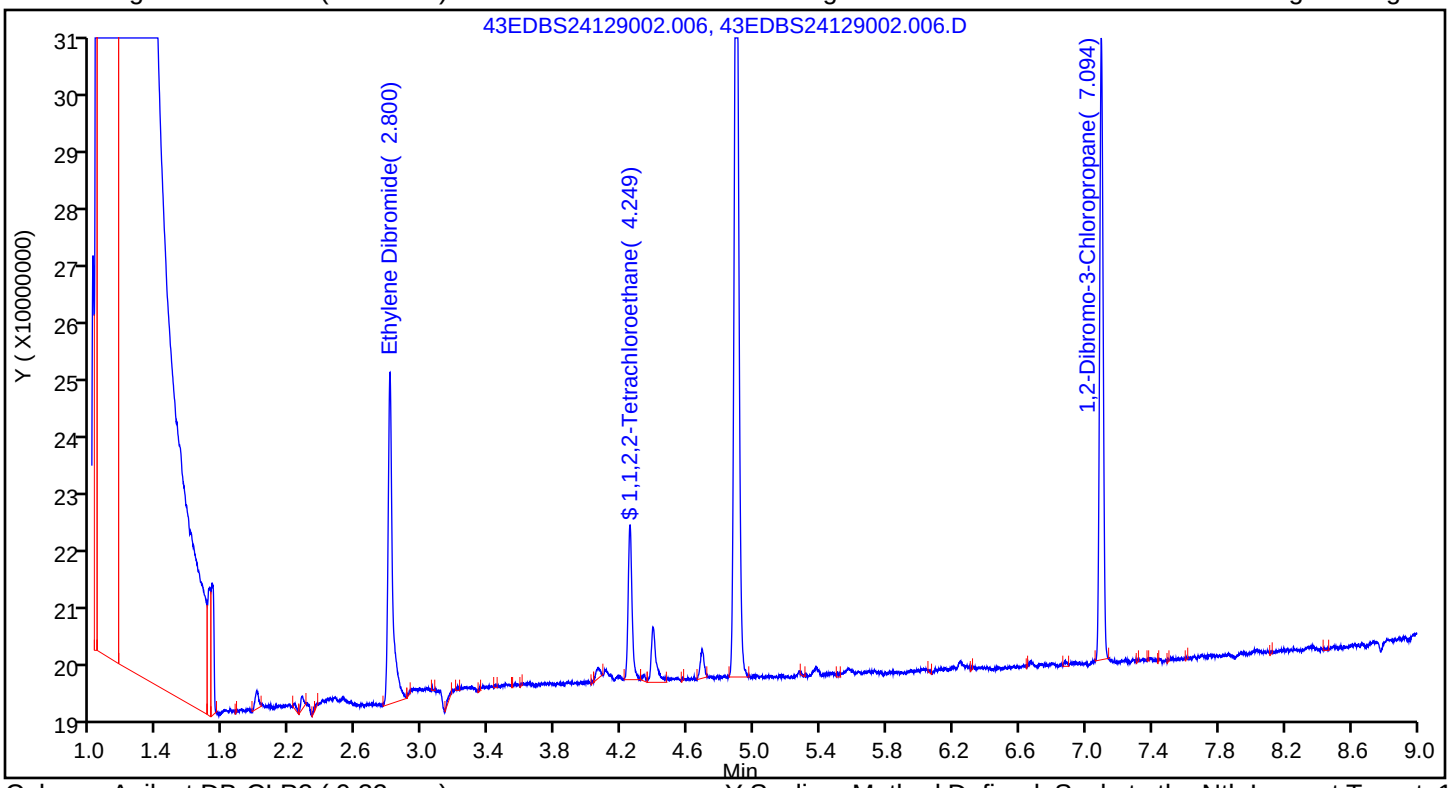
Client ID:

Operator ID: 120 ALS Bottle#: 0 Worklist Smp#: 6

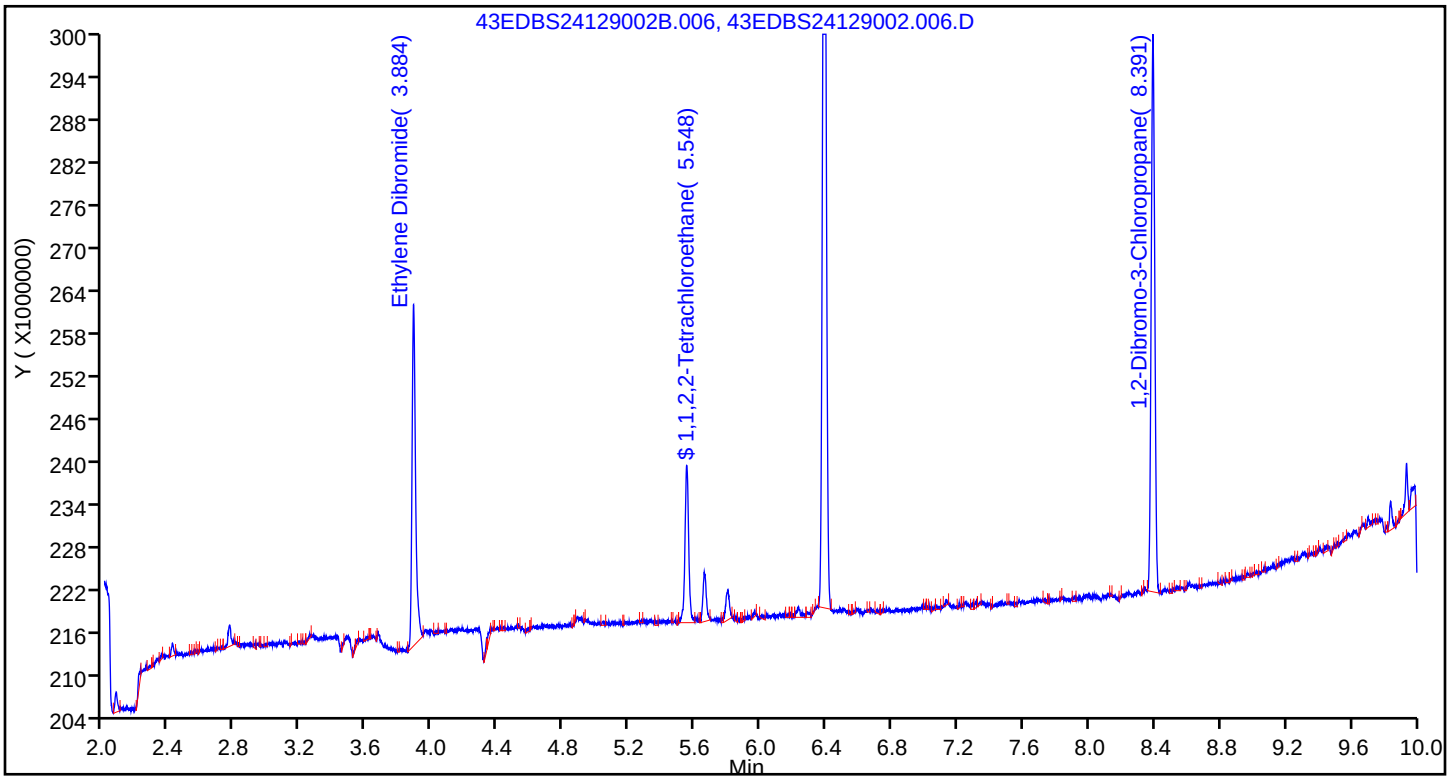
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846S Limit Group: GCSV - 8011 Solid

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-303245-1

SDG No.:

Client Sample ID:
Lab Sample ID: LCS 410-504517/2-A

Matrix: Solid
Lab File ID: 43EDBS24129002.006.D

Analysis Method: 8011
Date Collected:

Extraction Method: 8011
Date Extracted: 05/10/2024 08:28

Sample wt/vol: 10(g)
Date Analyzed: 05/13/2024 09:46

Con. Extract Vol.: 10(mL)
Dilution Factor: 1

Injection Volume: 1(uL)
GC Column: DB CLP2 ID: 0.32(mm)

% Moisture: % Solids:
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 505199
Units: mg/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
79-34-5	1,1,2,2-Tetrachloroethane (Surr)	105		60-140

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240513-113723.b\43EDBS24129002.006.D
Lims ID: LCS 410-504517/2-A
Client ID:
Sample Type: LCS
Inject. Date: 13-May-2024 09:46:00 ALS Bottle#: 0 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: LCS 410-504517/2-A
Operator ID: 120 Instrument ID: 19846

Method: \\chromfs\Lancaster\ChromData\19846\20240513-113723.b\8011_19846S.m
Limit Group: GCSV - 8011 Solid
Last Update: 13-May-2024 14:02:12 Calib Date: 08-May-2024 11:02:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.009.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1642

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	2.800	2.803	-0.003	50461798H	2.56	2.50	
2	3.884	3.884	0.000	48197414H	2.56	2.43	
						RPD = 2.55	
$ 2 1,1,2,2-Tetrachloroethane							
1	4.249	4.249	0.000	23637911H	1.23	1.27	
2	5.548	5.549	-0.001	22172162H	1.23	1.29	
						RPD = 1.51	
3 1,2-Dibromo-3-Chloropropane							
1	7.094	7.095	-0.001	94883277H	2.56	2.75	
2	8.391	8.390	0.001	78661706H	2.56	3.02	
						RPD = 9.46	

Report Date: 13-May-2024 14:02:17 Chrom Revision: 2.3 01-May-2024 15:52:26

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240513-113723.b\43EDBS24129002.006.D

Injection Date: 13-May-2024 09:46:00 Instrument ID: 19846

Lims ID: LCS 410-504517/2-A

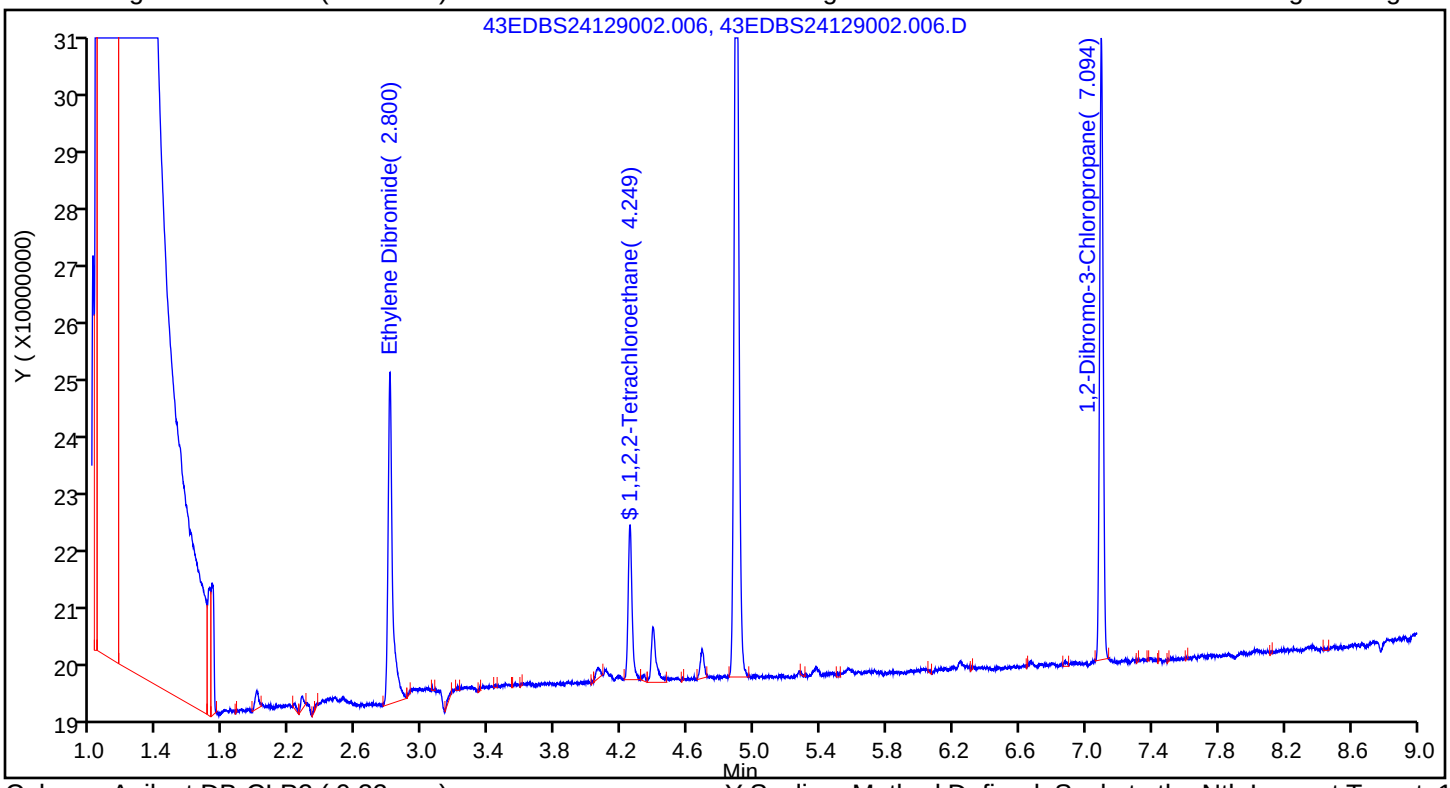
Client ID:

Operator ID: 120 ALS Bottle#: 0 Worklist Smp#: 6

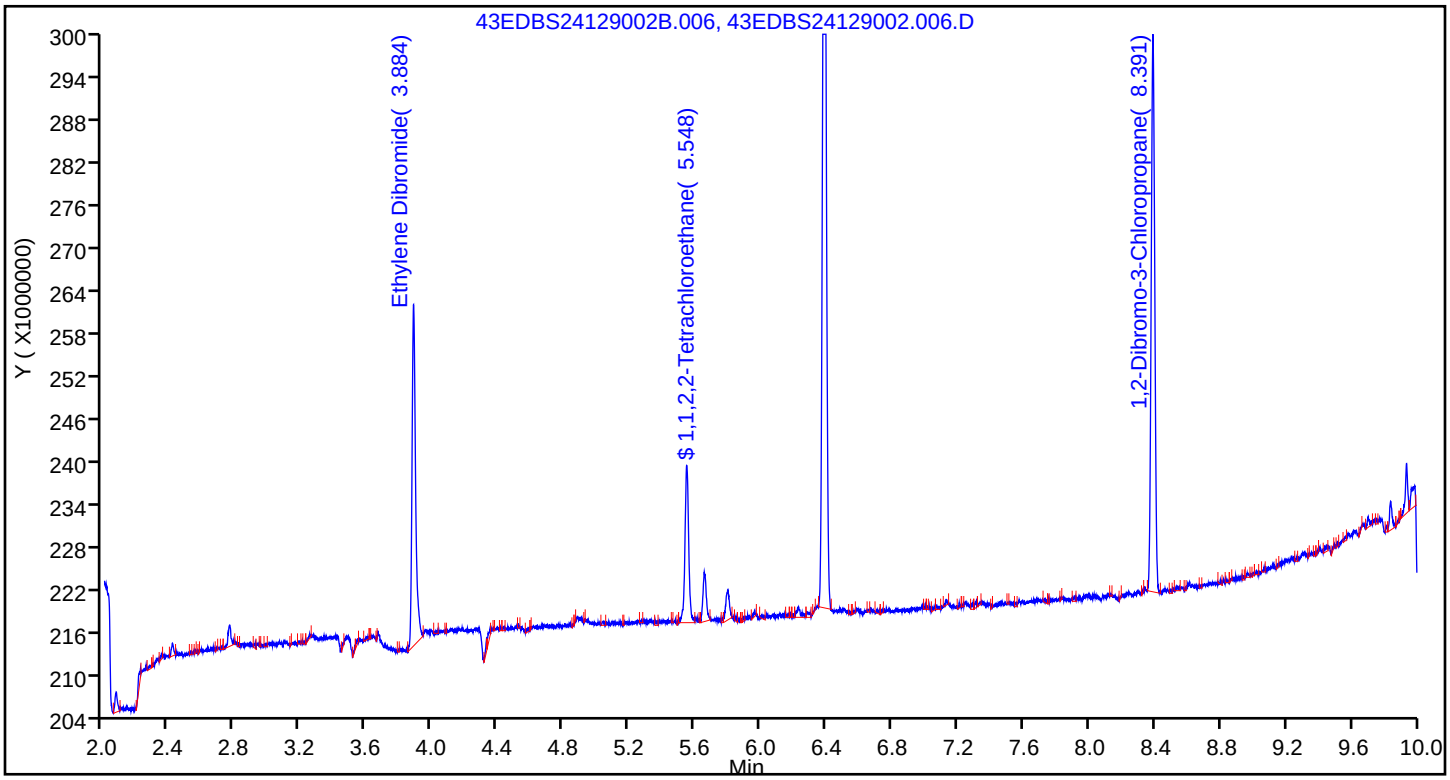
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846S Limit Group: GCSV - 8011 Solid

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-303245-1

SDG No.:

Client Sample ID:
Lab Sample ID: LCS 410-504521/2-A

Matrix: Water
Lab File ID: 43EDBW24135001.013.D

Analysis Method: 8011
Date Collected:

Extraction Method: 8011
Date Extracted: 05/10/2024 07:45

Sample wt/vol: 35(mL)
Date Analyzed: 05/14/2024 15:29

Con. Extract Vol.: 2(mL)
Dilution Factor: 1

Injection Volume: 1(uL)
GC Column: DB CLP1 ID: 0.32(mm)

% Moisture: % Solids:
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 505957
Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.126		0.030	0.010

CAS NO.	SURROGATE	%REC	Q	LIMITS
79-34-5	1,1,2,2-Tetrachloroethane (Surr)	102		46-136

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\43EDBW24135001.013.D
Lims ID: LCS 410-504521/2-A
Client ID:
Sample Type: LCS
Inject. Date: 14-May-2024 15:29:00 ALS Bottle#: 0 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: LCS 410-504521/2-A
Operator ID: 120 Instrument ID: 19846

Method: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\8011_19846.m
Limit Group: GCSV - 8011 Waters
Last Update: 15-May-2024 10:56:12 Calib Date: 14-May-2024 14:21:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\43EDBW24135001.009.D

Column 1 : DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1682

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	2.798	2.804	-0.006	46565565H	2.24	2.20	
2	3.878	3.883	-0.005	47198537H	2.24	2.29	
						RPD = 4.21	
$ 2 1,1,2,2-Tetrachloroethane							
1	4.246	4.248	-0.002	27443751H	1.23	1.25	
2	5.545	5.548	-0.003	26067103H	1.23	1.27	
						RPD = 1.70	
3 1,2-Dibromo-3-Chloropropane							
1	7.092	7.093	-0.001	99070962H	2.24	2.47	
2	8.387	8.388	-0.001	81397491H	2.24	2.47	
						RPD = 0.11	

Report Date: 15-May-2024 11:01:26 Chrom Revision: 2.3 01-May-2024 15:52:26

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\43EDBW24135001.013.D

Injection Date: 14-May-2024 15:29:00 Instrument ID: 19846

Lims ID: LCS 410-504521/2-A

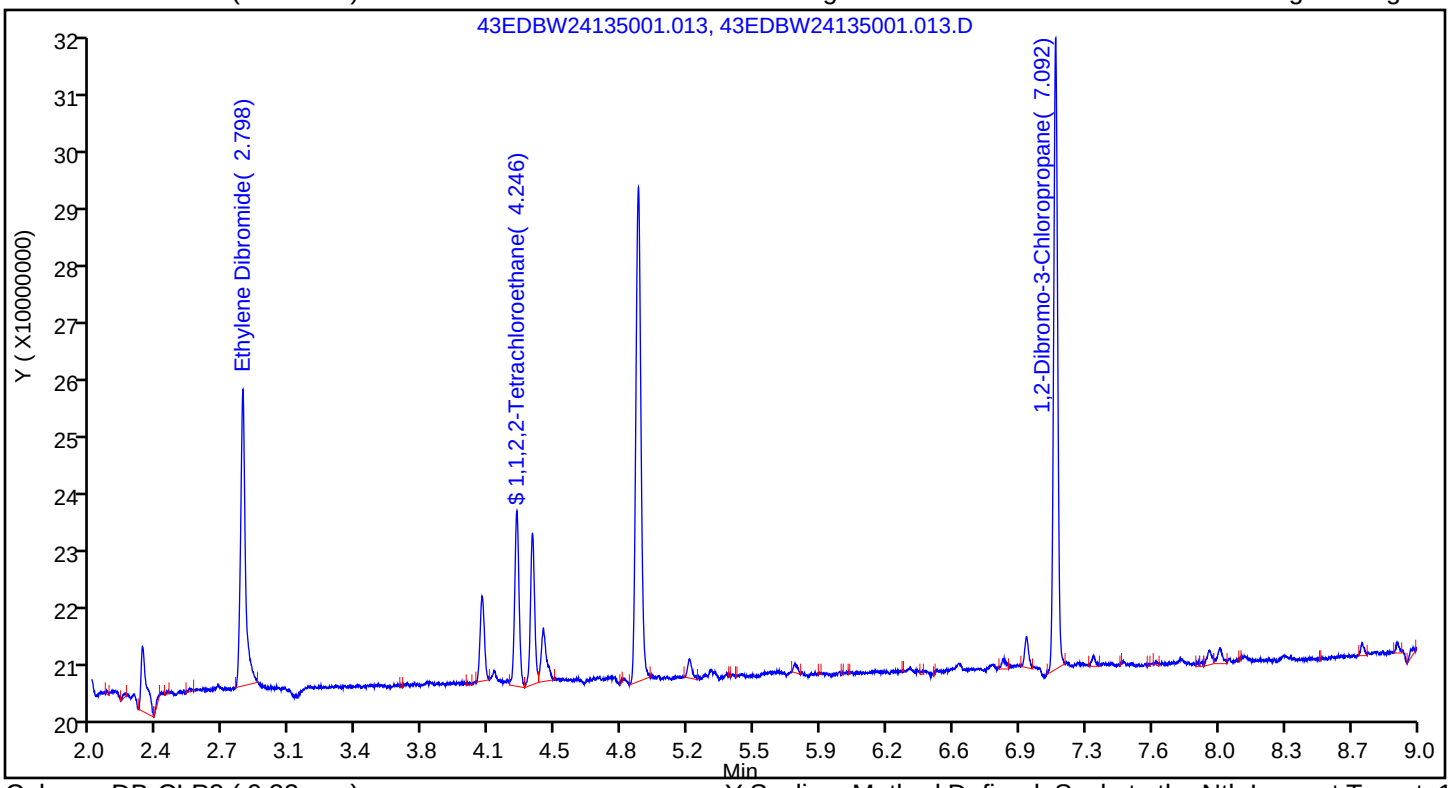
Client ID:

Operator ID: 120 ALS Bottle#: 0 Worklist Smp#: 13

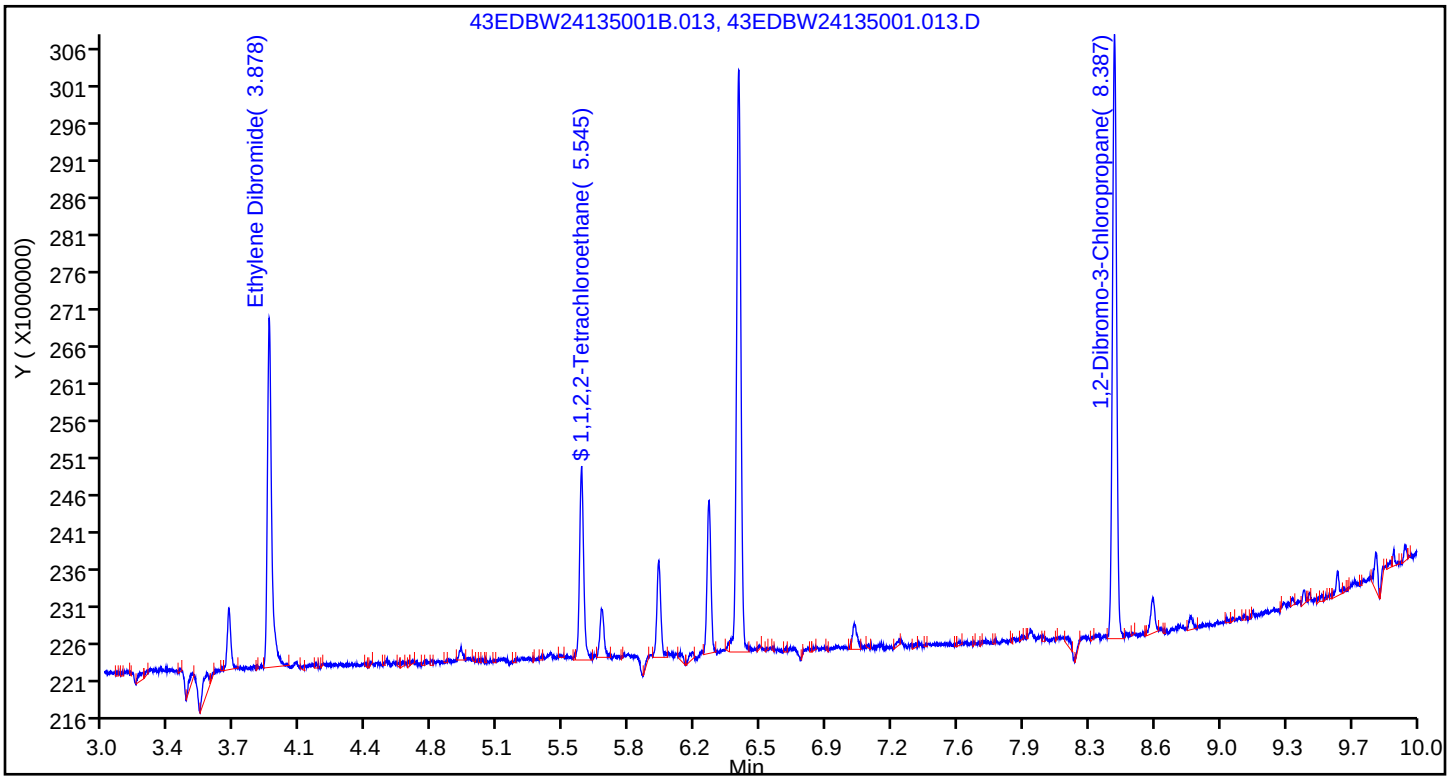
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846 Limit Group: GCSV - 8011 Waters

Column: DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-303245-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 410-504521/2-A

Matrix: Water Lab File ID: 43EDBW24135001.013.D

Analysis Method: 8011 Date Collected:

Extraction Method: 8011 Date Extracted: 05/10/2024 07:45

Sample wt/vol: 35(mL) Date Analyzed: 05/14/2024 15:29

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: DB CLP2 ID: 0.32(mm)

% Moisture: % Solids: GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 505957 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
79-34-5	1,1,2,2-Tetrachloroethane (Surr)	103		46-136

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\43EDBW24135001.013.D
Lims ID: LCS 410-504521/2-A
Client ID:
Sample Type: LCS
Inject. Date: 14-May-2024 15:29:00 ALS Bottle#: 0 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: LCS 410-504521/2-A
Operator ID: 120 Instrument ID: 19846

Method: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\8011_19846.m
Limit Group: GCSV - 8011 Waters
Last Update: 15-May-2024 10:56:12 Calib Date: 14-May-2024 14:21:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\43EDBW24135001.009.D

Column 1 : DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1682

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	2.798	2.804	-0.006	46565565H	2.24	2.20	
2	3.878	3.883	-0.005	47198537H	2.24	2.29	
						RPD = 4.21	
$ 2 1,1,2,2-Tetrachloroethane							
1	4.246	4.248	-0.002	27443751H	1.23	1.25	
2	5.545	5.548	-0.003	26067103H	1.23	1.27	
						RPD = 1.70	
3 1,2-Dibromo-3-Chloropropane							
1	7.092	7.093	-0.001	99070962H	2.24	2.47	
2	8.387	8.388	-0.001	81397491H	2.24	2.47	
						RPD = 0.11	

Report Date: 15-May-2024 11:01:26 Chrom Revision: 2.3 01-May-2024 15:52:26

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\43EDBW24135001.013.D

Injection Date: 14-May-2024 15:29:00 Instrument ID: 19846

Lims ID: LCS 410-504521/2-A

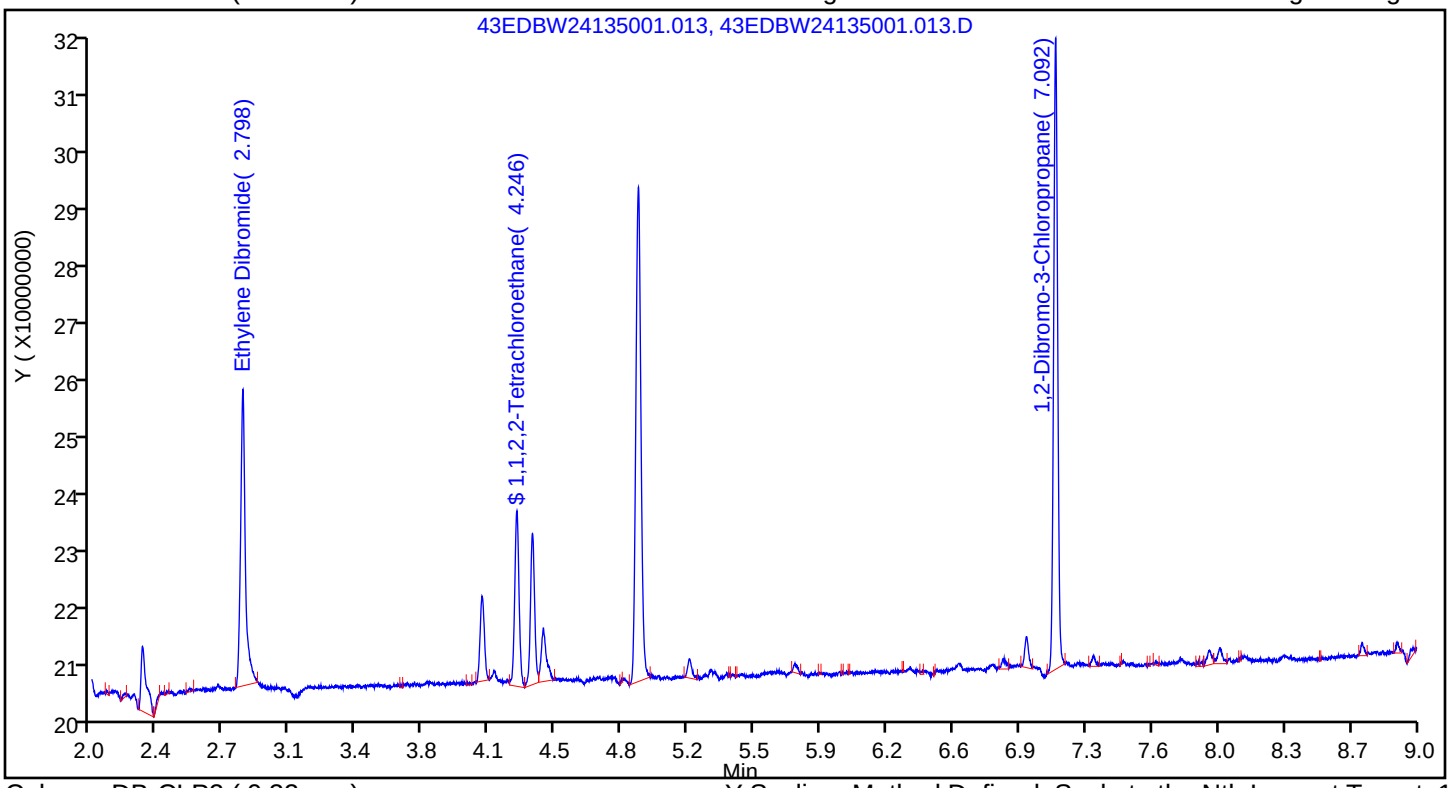
Client ID:

Operator ID: 120 ALS Bottle#: 0 Worklist Smp#: 13

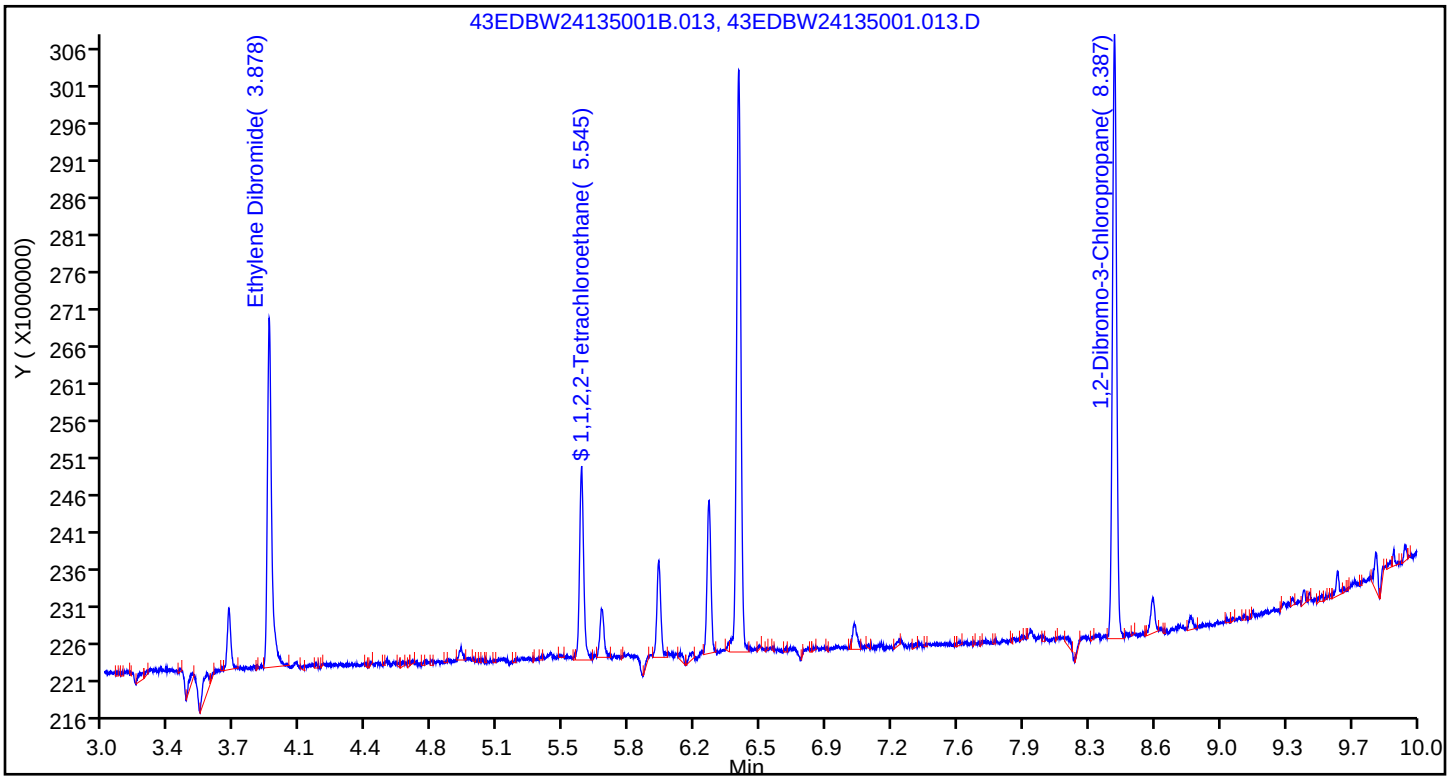
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846 Limit Group: GCSV - 8011 Waters

Column: DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-303245-1

SDG No.:

Client Sample ID:
Lab Sample ID: LCSD 410-503073/3-A

Matrix: Solid
Lab File ID: 43EDBS24129001.014.D

Analysis Method: 8011
Date Collected:

Extraction Method: 8011
Date Extracted: 05/07/2024 12:20

Sample wt/vol: 10(g)
Date Analyzed: 05/08/2024 12:29

Con. Extract Vol.: 10(mL)
Dilution Factor: 1

Injection Volume: 1(uL)
GC Column: DB CLP1 ID: 0.32(mm)

% Moisture: % Solids:
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 503517
Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.00245		0.00050	0.00021

CAS NO.	SURROGATE	%REC	Q	LIMITS
79-34-5	1,1,2,2-Tetrachloroethane (Surr)	108		60-140

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.014.D
Lims ID: LCSD 410-503073/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 08-May-2024 12:29:00 ALS Bottle#: 0 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: LCSD 410-503073/3-A
Operator ID: 120 Instrument ID: 19846

Method: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\8011_19846S.m
Limit Group: GCSV - 8011 Solid
Last Update: 09-May-2024 07:43:45 Calib Date: 08-May-2024 11:02:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.009.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1627

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	2.799	2.803	-0.004	49653614H	2.56	2.45	
2	3.884	3.885	-0.001	48352098H	2.56	2.44	
						RPD = 0.11	
$ 2 1,1,2,2-Tetrachloroethane							
1	4.248	4.249	-0.001	24610146H	1.23	1.34	
2	5.550	5.550	0.000	23073578H	1.23	1.35	
						RPD = 1.25	
3 1,2-Dibromo-3-Chloropropane							
1	7.095	7.095	0.000	97003514H	2.56	2.83	
2	8.391	8.391	0.000	81143013H	2.56	3.13	
						RPD = 10.12	

Report Date: 09-May-2024 07:44:22 Chrom Revision: 2.3 01-May-2024 15:52:26

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.014.D

Injection Date: 08-May-2024 12:29:00 Instrument ID: 19846

Lims ID: LCSD 410-503073/3-A

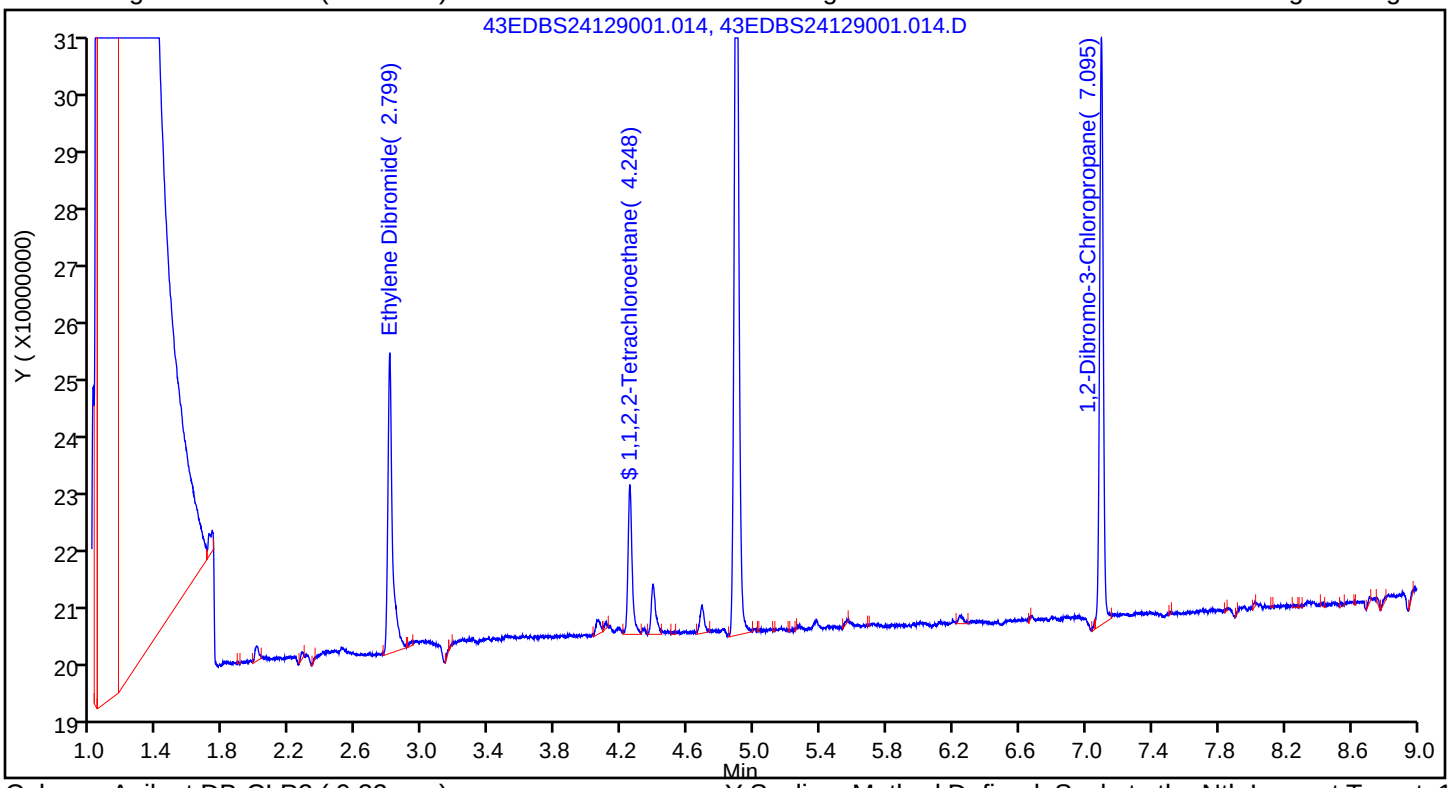
Client ID:

Operator ID: 120 ALS Bottle#: 0 Worklist Smp#: 14

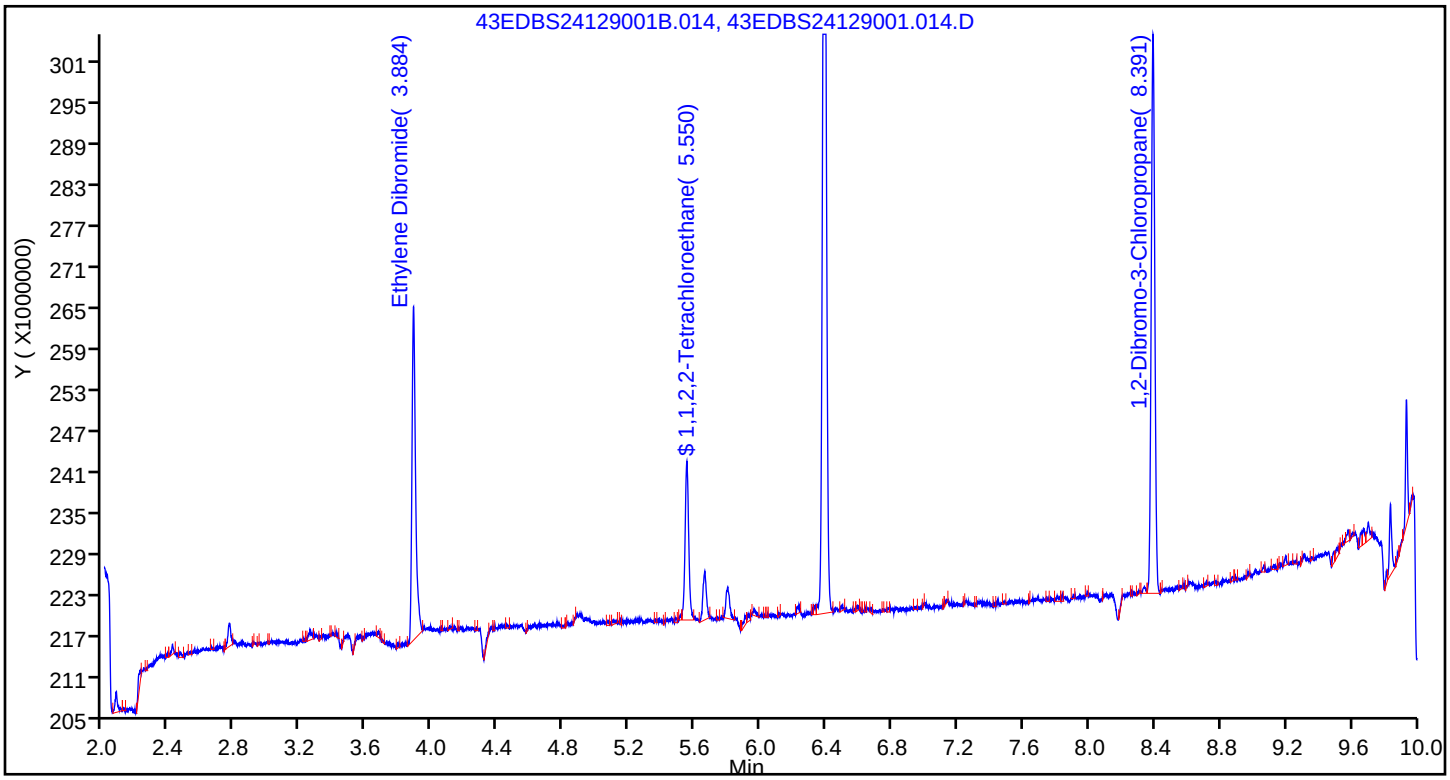
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846S Limit Group: GCSV - 8011 Solid

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-303245-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 410-503073/3-A

Matrix: Solid Lab File ID: 43EDBS24129001.014.D

Analysis Method: 8011 Date Collected:

Extraction Method: 8011 Date Extracted: 05/07/2024 12:20

Sample wt/vol: 10(g) Date Analyzed: 05/08/2024 12:29

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: DB CLP2 ID: 0.32(mm)

% Moisture: % Solids: GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 503517 Units: mg/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
79-34-5	1,1,2,2-Tetrachloroethane (Surr)	110		60-140

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.014.D
Lims ID: LCSD 410-503073/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 08-May-2024 12:29:00 ALS Bottle#: 0 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: LCSD 410-503073/3-A
Operator ID: 120 Instrument ID: 19846

Method: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\8011_19846S.m
Limit Group: GCSV - 8011 Solid
Last Update: 09-May-2024 07:43:45 Calib Date: 08-May-2024 11:02:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.009.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1627

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	2.799	2.803	-0.004	49653614H	2.56	2.45	
2	3.884	3.885	-0.001	48352098H	2.56	2.44	
						RPD = 0.11	
$ 2 1,1,2,2-Tetrachloroethane							
1	4.248	4.249	-0.001	24610146H	1.23	1.34	
2	5.550	5.550	0.000	23073578H	1.23	1.35	
						RPD = 1.25	
3 1,2-Dibromo-3-Chloropropane							
1	7.095	7.095	0.000	97003514H	2.56	2.83	
2	8.391	8.391	0.000	81143013H	2.56	3.13	
						RPD = 10.12	

Report Date: 09-May-2024 07:44:22 Chrom Revision: 2.3 01-May-2024 15:52:26

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.014.D

Injection Date: 08-May-2024 12:29:00 Instrument ID: 19846

Lims ID: LCSD 410-503073/3-A

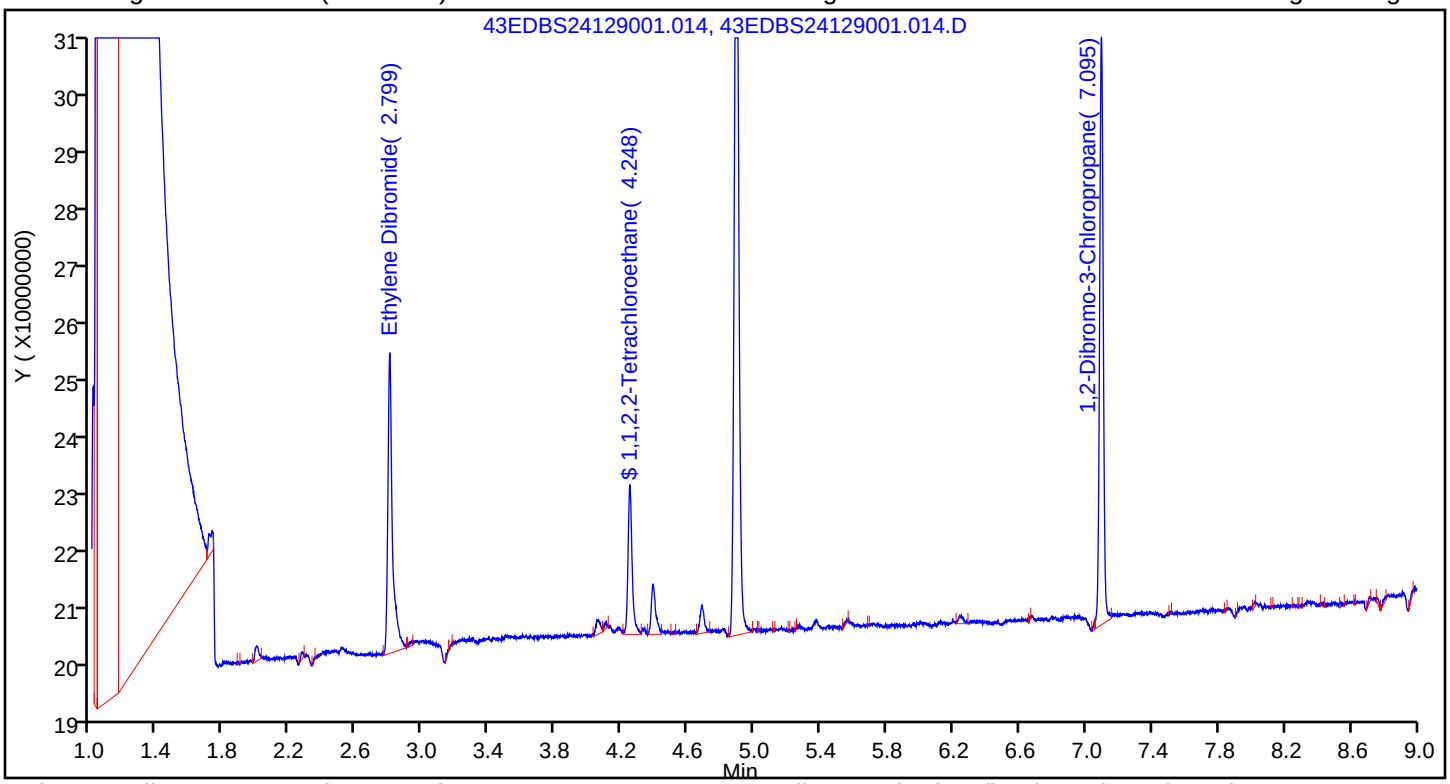
Client ID:

Operator ID: 120 ALS Bottle#: 0 Worklist Smp#: 14

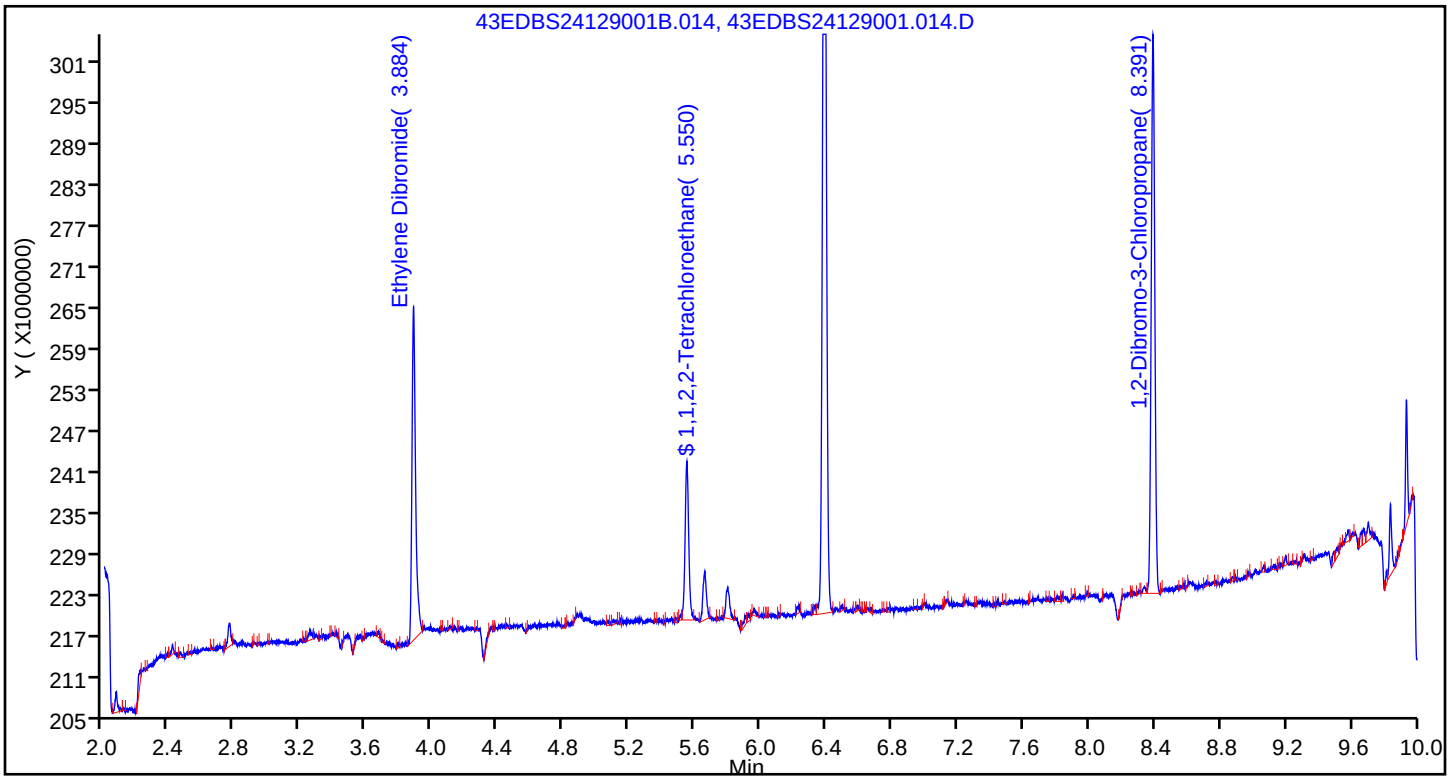
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846S Limit Group: GCSV - 8011 Solid

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-303245-1

SDG No.:

Client Sample ID:
Lab Sample ID: LCSD 410-504517/3-A

Matrix: Solid
Lab File ID: 43EDBS24129002.007.D

Analysis Method: 8011
Date Collected:

Extraction Method: 8011
Date Extracted: 05/10/2024 08:28

Sample wt/vol: 10(g)
Date Analyzed: 05/13/2024 10:03

Con. Extract Vol.: 10(mL)
Dilution Factor: 1

Injection Volume: 1(uL)
GC Column: DB CLP1 ID: 0.32(mm)

% Moisture: % Solids:
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 505199
Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.00268		0.00050	0.00021

CAS NO.	SURROGATE	%REC	Q	LIMITS
79-34-5	1,1,2,2-Tetrachloroethane (Surr)	106		60-140

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240513-113723.b\43EDBS24129002.007.D
Lims ID: LCSD 410-504517/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 13-May-2024 10:03:00 ALS Bottle#: 0 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: LCSD 410-504517/3-A
Operator ID: 120 Instrument ID: 19846

Method: \\chromfs\Lancaster\ChromData\19846\20240513-113723.b\8011_19846S.m
Limit Group: GCSV - 8011 Solid
Last Update: 13-May-2024 14:02:12 Calib Date: 08-May-2024 11:02:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.009.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1642

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	2.802	2.803	-0.001	53376621H	2.56	2.68	
2	3.886	3.884	0.002	50574741H	2.56	2.59	
						RPD = 3.43	
$ 2 1,1,2,2-Tetrachloroethane							
1	4.250	4.249	0.001	24176680H	1.23	1.31	
2	5.551	5.549	0.002	22446246H	1.23	1.31	
						RPD = 0.18	
3 1,2-Dibromo-3-Chloropropane							
1	7.096	7.095	0.001	98170990H	2.56	2.87	
2	8.392	8.390	0.002	81965688H	2.56	3.16	
						RPD = 9.72	

Report Date: 13-May-2024 14:02:18 Chrom Revision: 2.3 01-May-2024 15:52:26

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240513-113723.b\43EDBS24129002.007.D

Injection Date: 13-May-2024 10:03:00 Instrument ID: 19846

Lims ID: LCSD 410-504517/3-A

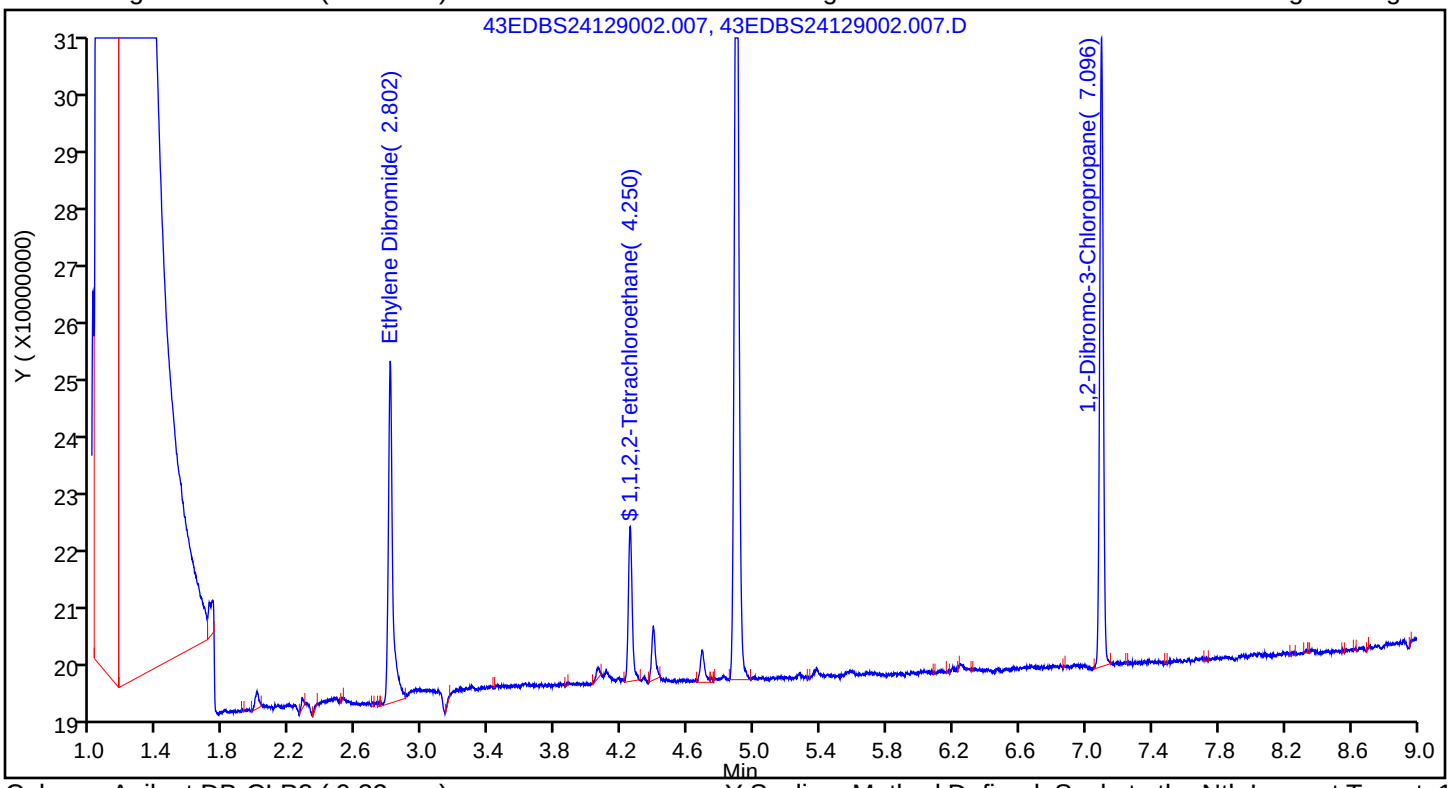
Client ID:

Operator ID: 120 ALS Bottle#: 0 Worklist Smp#: 7

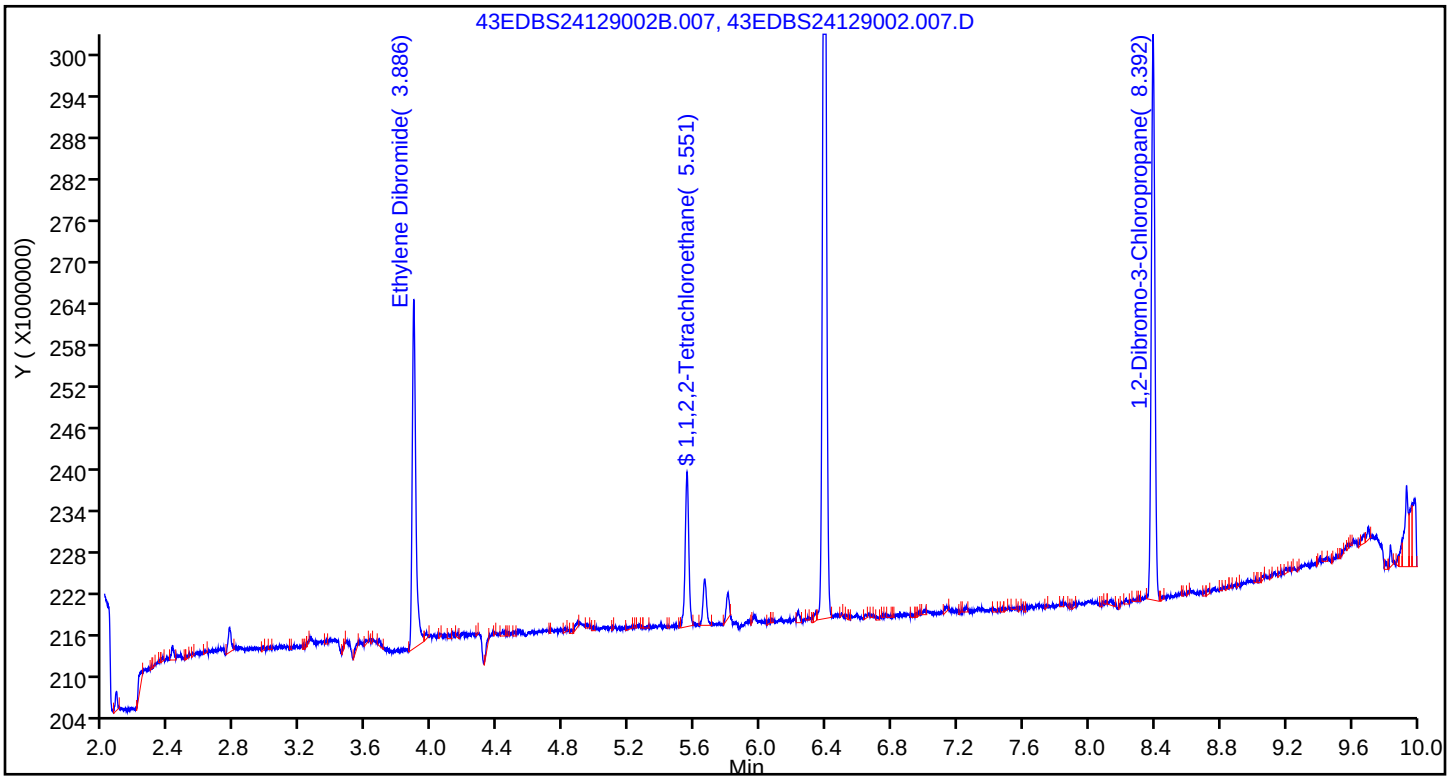
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846S Limit Group: GCSV - 8011 Solid

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-303245-1

SDG No.:

Client Sample ID:
Lab Sample ID: LCSD 410-504517/3-A

Matrix: Solid
Lab File ID: 43EDBS24129002.007.D

Analysis Method: 8011
Date Collected:

Extraction Method: 8011
Date Extracted: 05/10/2024 08:28

Sample wt/vol: 10(g)
Date Analyzed: 05/13/2024 10:03

Con. Extract Vol.: 10(mL)
Dilution Factor: 1

Injection Volume: 1(uL)
GC Column: DB CLP2 ID: 0.32(mm)

% Moisture: % Solids:
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 505199
Units: mg/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
79-34-5	1,1,2,2-Tetrachloroethane (Surr)	106		60-140

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240513-113723.b\43EDBS24129002.007.D
Lims ID: LCSD 410-504517/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 13-May-2024 10:03:00 ALS Bottle#: 0 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: LCSD 410-504517/3-A
Operator ID: 120 Instrument ID: 19846

Method: \\chromfs\Lancaster\ChromData\19846\20240513-113723.b\8011_19846S.m
Limit Group: GCSV - 8011 Solid
Last Update: 13-May-2024 14:02:12 Calib Date: 08-May-2024 11:02:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240508-113344.b\43EDBS24129001.009.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1642

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	2.802	2.803	-0.001	53376621H	2.56	2.68	
2	3.886	3.884	0.002	50574741H	2.56	2.59	
						RPD = 3.43	
$ 2 1,1,2,2-Tetrachloroethane							
1	4.250	4.249	0.001	24176680H	1.23	1.31	
2	5.551	5.549	0.002	22446246H	1.23	1.31	
						RPD = 0.18	
3 1,2-Dibromo-3-Chloropropane							
1	7.096	7.095	0.001	98170990H	2.56	2.87	
2	8.392	8.390	0.002	81965688H	2.56	3.16	
						RPD = 9.72	

Report Date: 13-May-2024 14:02:18 Chrom Revision: 2.3 01-May-2024 15:52:26

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240513-113723.b\43EDBS24129002.007.D

Injection Date: 13-May-2024 10:03:00 Instrument ID: 19846

Lims ID: LCSD 410-504517/3-A

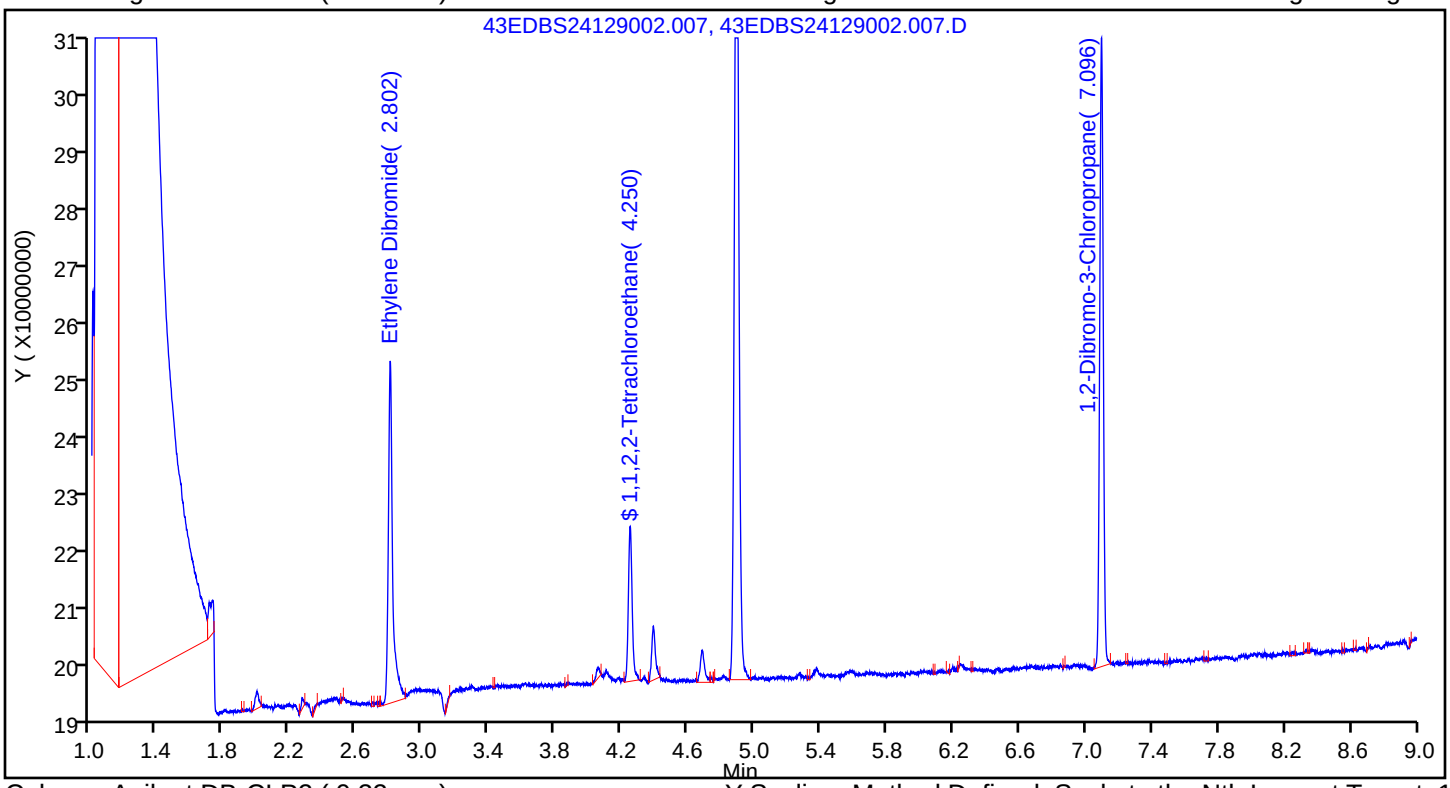
Client ID:

Operator ID: 120 ALS Bottle#: 0 Worklist Smp#: 7

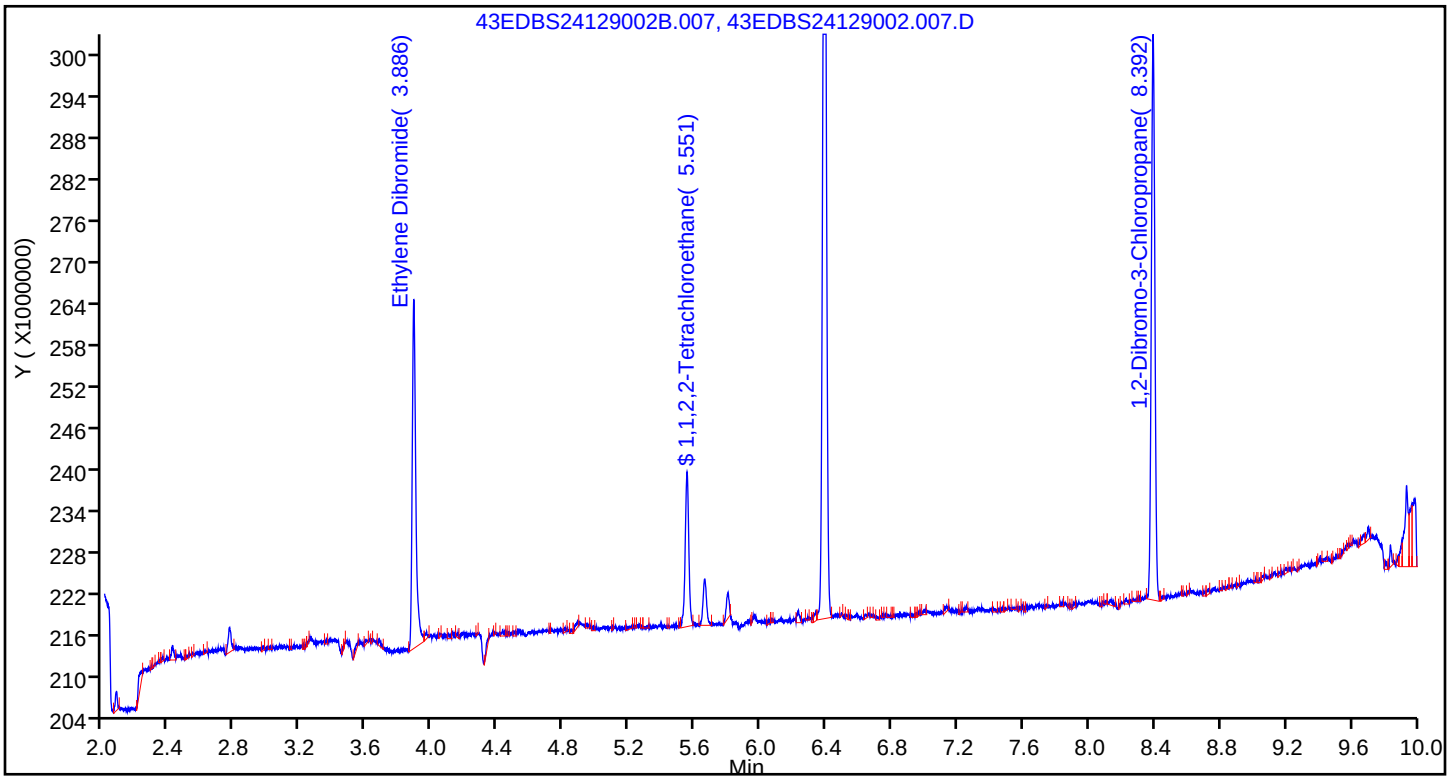
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846S Limit Group: GCSV - 8011 Solid

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-303245-1

SDG No.:

Client Sample ID:
Lab Sample ID: LCSD 410-504521/3-A

Matrix: Water
Lab File ID: 43EDBW24135001.014.D

Analysis Method: 8011
Date Collected:

Extraction Method: 8011
Date Extracted: 05/10/2024 07:45

Sample wt/vol: 35(mL)
Date Analyzed: 05/14/2024 15:47

Con. Extract Vol.: 2(mL)
Dilution Factor: 1

Injection Volume: 1(uL)
GC Column: DB CLP1 ID: 0.32(mm)

% Moisture: % Solids:
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 505957
Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.116		0.030	0.010

CAS NO.	SURROGATE	%REC	Q	LIMITS
79-34-5	1,1,2,2-Tetrachloroethane (Surr)	93		46-136

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\43EDBW24135001.014.D
Lims ID: LCSD 410-504521/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 14-May-2024 15:47:00 ALS Bottle#: 0 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: LCSD 410-504521/3-A
Operator ID: 120 Instrument ID: 19846

Method: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\8011_19846.m
Limit Group: GCSV - 8011 Waters
Last Update: 15-May-2024 10:56:12 Calib Date: 14-May-2024 14:21:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\43EDBW24135001.009.D

Column 1 : DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1682

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	2.795	2.804	-0.009	42947985H	2.24	2.03	
2	3.878	3.883	-0.005	43942192H	2.24	2.14	
						RPD = 5.11	
$ 2 1,1,2,2-Tetrachloroethane							
1	4.243	4.248	-0.005	25200643H	1.23	1.15	
2	5.545	5.548	-0.003	24234823H	1.23	1.18	
						RPD = 2.82	
3 1,2-Dibromo-3-Chloropropane							
1	7.091	7.093	-0.002	97239530H	2.24	2.43	
2	8.388	8.388	0.000	81515658H	2.24	2.47	
						RPD = 1.98	

Report Date: 15-May-2024 11:01:28 Chrom Revision: 2.3 01-May-2024 15:52:26

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\43EDBW24135001.014.D

Injection Date: 14-May-2024 15:47:00 Instrument ID: 19846

Lims ID: LCSD 410-504521/3-A

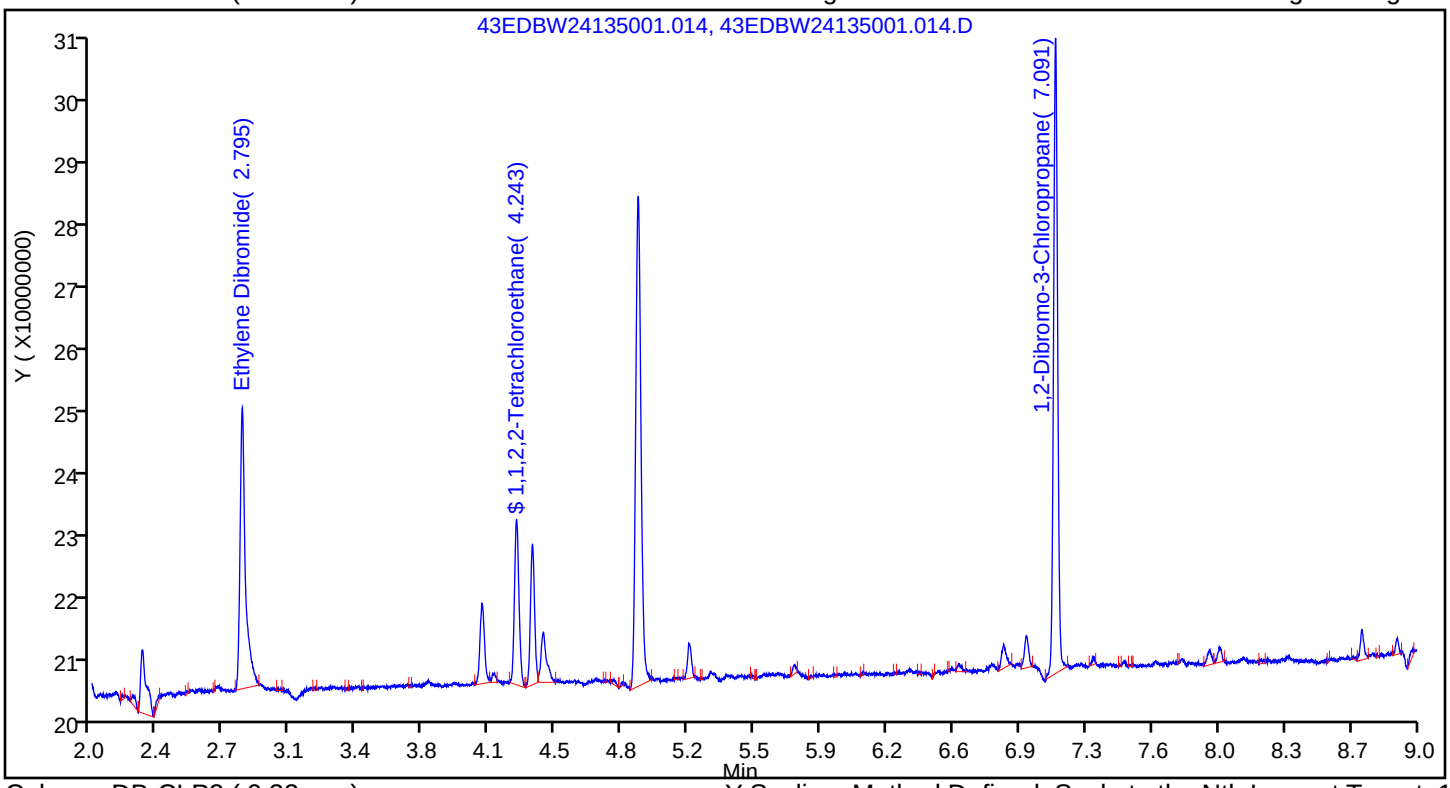
Client ID:

Operator ID: 120 ALS Bottle#: 0 Worklist Smp#: 14

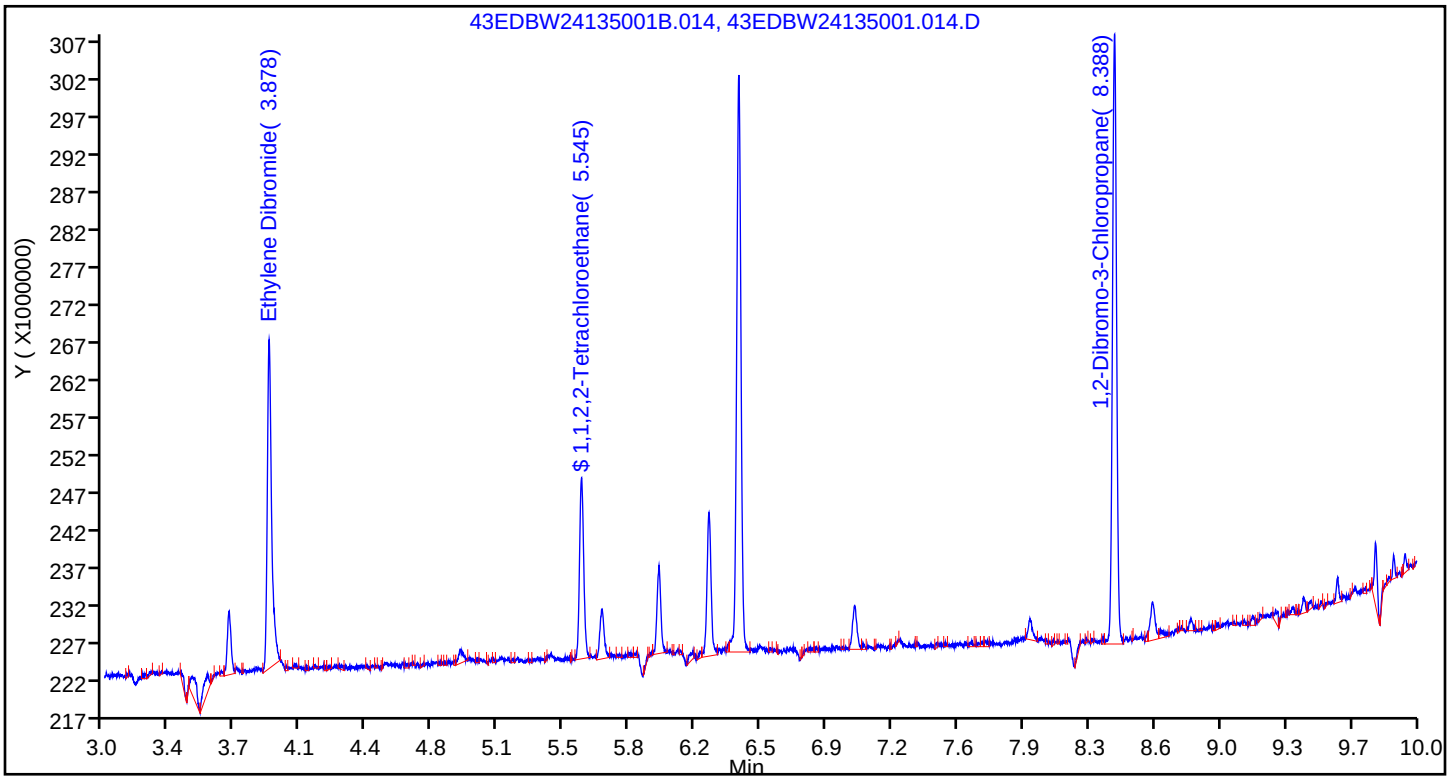
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846 Limit Group: GCSV - 8011 Waters

Column: DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-303245-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 410-504521/3-A

Matrix: Water Lab File ID: 43EDBW24135001.014.D

Analysis Method: 8011 Date Collected:

Extraction Method: 8011 Date Extracted: 05/10/2024 07:45

Sample wt/vol: 35(mL) Date Analyzed: 05/14/2024 15:47

Con. Extract Vol.: 2(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: DB CLP2 ID: 0.32(mm)

% Moisture: % Solids: GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 505957 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
79-34-5	1,1,2,2-Tetrachloroethane (Surr)	96		46-136

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\43EDBW24135001.014.D
Lims ID: LCSD 410-504521/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 14-May-2024 15:47:00 ALS Bottle#: 0 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: LCSD 410-504521/3-A
Operator ID: 120 Instrument ID: 19846

Method: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\8011_19846.m
Limit Group: GCSV - 8011 Waters
Last Update: 15-May-2024 10:56:12 Calib Date: 14-May-2024 14:21:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\43EDBW24135001.009.D

Column 1 : DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1682

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	2.795	2.804	-0.009	42947985H	2.24	2.03	
2	3.878	3.883	-0.005	43942192H	2.24	2.14	
						RPD = 5.11	
$ 2 1,1,2,2-Tetrachloroethane							
1	4.243	4.248	-0.005	25200643H	1.23	1.15	
2	5.545	5.548	-0.003	24234823H	1.23	1.18	
						RPD = 2.82	
3 1,2-Dibromo-3-Chloropropane							
1	7.091	7.093	-0.002	97239530H	2.24	2.43	
2	8.388	8.388	0.000	81515658H	2.24	2.47	
						RPD = 1.98	

Report Date: 15-May-2024 11:01:28 Chrom Revision: 2.3 01-May-2024 15:52:26

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240514-113906.b\43EDBW24135001.014.D

Injection Date: 14-May-2024 15:47:00 Instrument ID: 19846

Lims ID: LCSD 410-504521/3-A

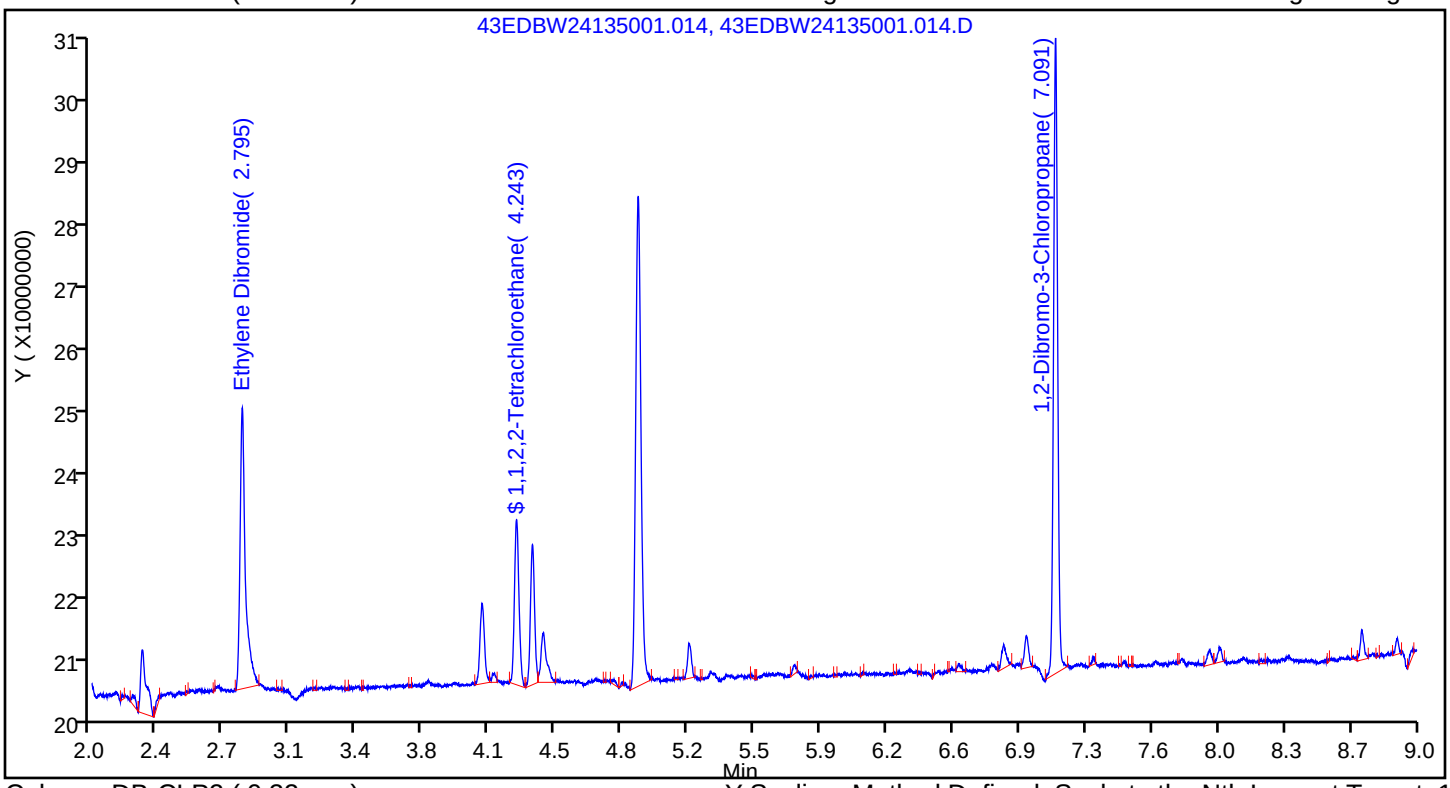
Client ID:

Operator ID: 120 ALS Bottle#: 0 Worklist Smp#: 14

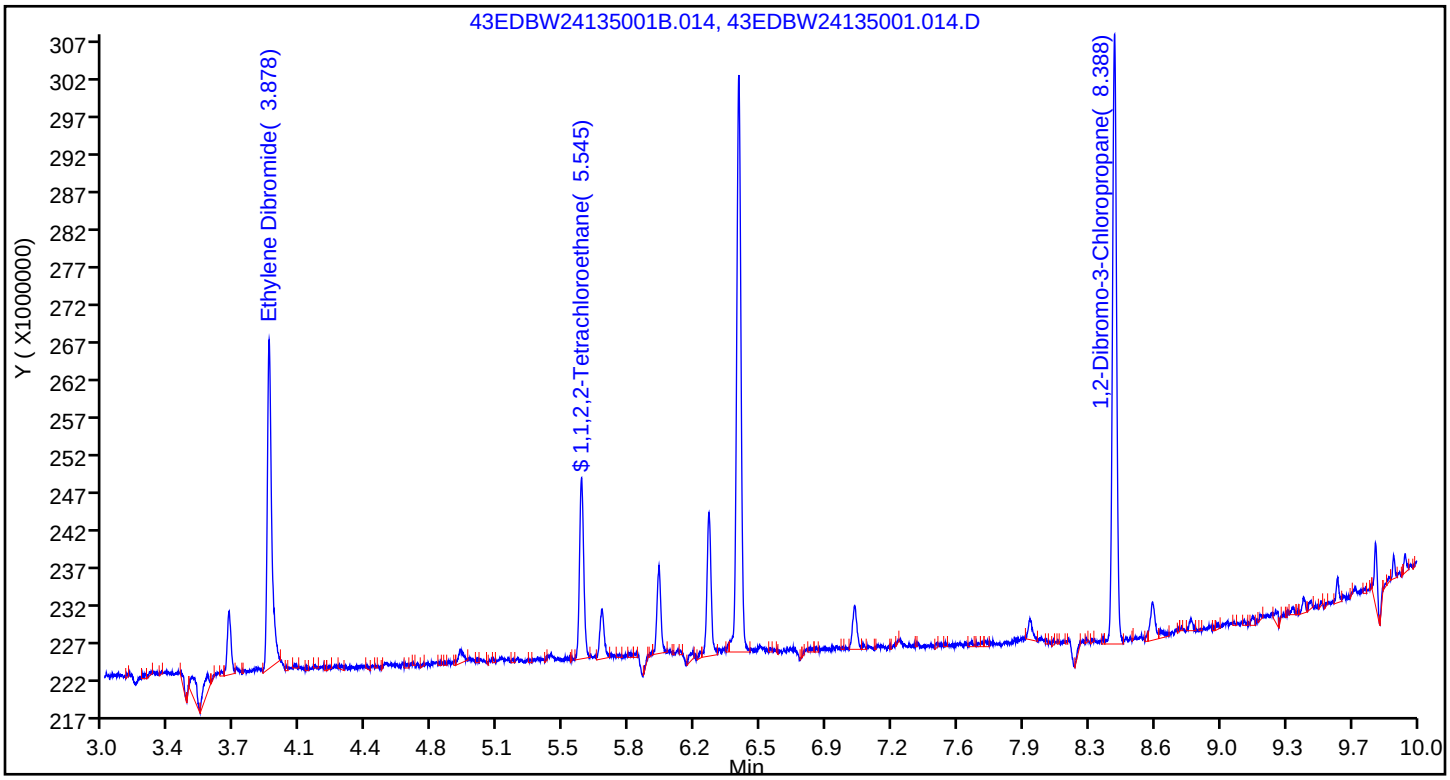
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846 Limit Group: GCSV - 8011 Waters

Column: DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-303245-1

SDG No.:

Client Sample ID: 240503_PWD_SOIL4_6.0-6.5 MS
Lab Sample ID: 460-303245-1 MS

Matrix: Solid
Lab File ID: 43EDBS24129002.008.D

Analysis Method: 8011
Date Collected: 05/03/2024 09:45

Extraction Method: 8011
Date Extracted: 05/10/2024 08:28

Sample wt/vol: 10.3(g)
Date Analyzed: 05/13/2024 10:20

Con. Extract Vol.: 10(mL)
Dilution Factor: 1

Injection Volume: 1(uL)
GC Column: DB CLP1 ID: 0.32(mm)

% Moisture: 10.5 % Solids: 89.5
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 505199
Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.00310		0.00054	0.00023

CAS NO.	SURROGATE	%REC	Q	LIMITS
79-34-5	1,1,2,2-Tetrachloroethane (Surr)	111		60-140

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-303245-1

SDG No.:

Client Sample ID: 240503_PWD_SOIL4_6.0-6.5 MS Lab Sample ID: 460-303245-1 MS

Matrix: Solid Lab File ID: 43EDBS24129002.008.D

Analysis Method: 8011 Date Collected: 05/03/2024 09:45

Extraction Method: 8011 Date Extracted: 05/10/2024 08:28

Sample wt/vol: 10.3(g) Date Analyzed: 05/13/2024 10:20

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: DB CLP2 ID: 0.32(mm)

% Moisture: 10.5 % Solids: 89.5 GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 505199 Units: mg/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
79-34-5	1,1,2,2-Tetrachloroethane (Surr)	112		60-140

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-303245-1

SDG No.:

Client Sample ID: 240503_PWD_SOIL4_6.0-6.5 MSD
Lab Sample ID: 460-303245-1 MSD

Matrix: Solid
Lab File ID: 43EDBS24129002.009.D

Analysis Method: 8011
Date Collected: 05/03/2024 09:45

Extraction Method: 8011
Date Extracted: 05/10/2024 08:28

Sample wt/vol: 10.4(g)
Date Analyzed: 05/13/2024 10:37

Con. Extract Vol.: 10(mL)
Dilution Factor: 1

Injection Volume: 1(uL)
GC Column: DB CLP1 ID: 0.32(mm)

% Moisture: 10.5 % Solids: 89.5
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 505199
Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	1,2-Dibromoethane	0.00306		0.00054	0.00023

CAS NO.	SURROGATE	%REC	Q	LIMITS
79-34-5	1,1,2,2-Tetrachloroethane (Surr)	119		60-140

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-303245-1

SDG No.:

Client Sample ID: 240503_PWD_SOIL4_6.0-6.5 MSD Lab Sample ID: 460-303245-1 MSD

Matrix: Solid Lab File ID: 43EDBS24129002.009.D

Analysis Method: 8011 Date Collected: 05/03/2024 09:45

Extraction Method: 8011 Date Extracted: 05/10/2024 08:28

Sample wt/vol: 10.4(g) Date Analyzed: 05/13/2024 10:37

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: DB CLP2 ID: 0.32(mm)

% Moisture: 10.5 % Solids: 89.5 GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 505199 Units: mg/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
79-34-5	1,1,2,2-Tetrachloroethane (Surr)	125		60-140

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-303245-1

SDG No.:

Instrument ID: 19846 Start Date: 05/08/2024 09:19

Analysis Batch Number: 503517 End Date: 05/08/2024 16:30

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
PIBLK 410-503517/3		05/08/2024 09:19	1	43EDBS24129001.003.D	DB CLP1 0.32(mm)
PIBLK 410-503517/3		05/08/2024 09:19	1	43EDBS24129001.003.D	DB CLP2 0.32(mm)
IC 410-503517/4		05/08/2024 09:36	1	43EDBS24129001.004.D	DB CLP1 0.32(mm)
IC 410-503517/4		05/08/2024 09:36	1	43EDBS24129001.004.D	DB CLP2 0.32(mm)
IC 410-503517/5		05/08/2024 09:53	1	43EDBS24129001.005.D	DB CLP1 0.32(mm)
IC 410-503517/5		05/08/2024 09:53	1	43EDBS24129001.005.D	DB CLP2 0.32(mm)
IC 410-503517/6		05/08/2024 10:10	1	43EDBS24129001.006.D	DB CLP1 0.32(mm)
IC 410-503517/6		05/08/2024 10:10	1	43EDBS24129001.006.D	DB CLP2 0.32(mm)
ICRT 410-503517/7		05/08/2024 10:28	1	43EDBS24129001.007.D	DB CLP1 0.32(mm)
ICRT 410-503517/7		05/08/2024 10:28	1	43EDBS24129001.007.D	DB CLP2 0.32(mm)
IC 410-503517/8		05/08/2024 10:45	1	43EDBS24129001.008.D	DB CLP1 0.32(mm)
IC 410-503517/8		05/08/2024 10:45	1	43EDBS24129001.008.D	DB CLP2 0.32(mm)
IC 410-503517/9		05/08/2024 11:02	1	43EDBS24129001.009.D	DB CLP1 0.32(mm)
IC 410-503517/9		05/08/2024 11:02	1	43EDBS24129001.009.D	DB CLP2 0.32(mm)
ICVL 410-503517/10		05/08/2024 11:20	1		DB CLP1 0.32(mm)
ICVL 410-503517/10		05/08/2024 11:20	1		DB CLP2 0.32(mm)
ICV 410-503517/11		05/08/2024 11:37	1	43EDBS24129001.011.D	DB CLP1 0.32(mm)
ICV 410-503517/11		05/08/2024 11:37	1	43EDBS24129001.011.D	DB CLP2 0.32(mm)
MB 410-503073/1-A		05/08/2024 11:54	1	43EDBS24129001.012.D	DB CLP1 0.32(mm)
MB 410-503073/1-A		05/08/2024 11:54	1	43EDBS24129001.012.D	DB CLP2 0.32(mm)
LCS 410-503073/2-A		05/08/2024 12:11	1	43EDBS24129001.013.D	DB CLP1 0.32(mm)
LCS 410-503073/2-A		05/08/2024 12:11	1	43EDBS24129001.013.D	DB CLP2 0.32(mm)
LCSD 410-503073/3-A		05/08/2024 12:29	1	43EDBS24129001.014.D	DB CLP1 0.32(mm)
LCSD 410-503073/3-A		05/08/2024 12:29	1	43EDBS24129001.014.D	DB CLP2 0.32(mm)
ZZZZZ		05/08/2024 12:46	1		DB CLP1 0.32(mm)
ZZZZZ		05/08/2024 12:46	1		DB CLP2 0.32(mm)
ZZZZZ		05/08/2024 13:03	1		DB CLP1 0.32(mm)
ZZZZZ		05/08/2024 13:03	1		DB CLP2 0.32(mm)
ZZZZZ		05/08/2024 13:20	1		DB CLP1 0.32(mm)
ZZZZZ		05/08/2024 13:20	1		DB CLP2 0.32(mm)
ZZZZZ		05/08/2024 13:37	1		DB CLP1 0.32(mm)
ZZZZZ		05/08/2024 13:37	1		DB CLP2 0.32(mm)
ZZZZZ		05/08/2024 13:55	1		DB CLP1 0.32(mm)
ZZZZZ		05/08/2024 13:55	1		DB CLP2 0.32(mm)
ZZZZZ		05/08/2024 14:12	1		DB CLP1 0.32(mm)

8011

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-303245-1

SDG No.:

Instrument ID: 19846 Start Date: 05/08/2024 09:19

Analysis Batch Number: 503517 End Date: 05/08/2024 16:30

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		05/08/2024 14:12	1		DB CLP2 0.32(mm)
ZZZZZ		05/08/2024 14:29	1		DB CLP1 0.32(mm)
ZZZZZ		05/08/2024 14:29	1		DB CLP2 0.32(mm)
ZZZZZ		05/08/2024 14:47	1		DB CLP1 0.32(mm)
ZZZZZ		05/08/2024 14:47	1		DB CLP2 0.32(mm)
460-303245-2	240503_PWD_SOIL5_6.0-6.5	05/08/2024 15:04	1	43EDBS24129001.023.D	DB CLP1 0.32(mm)
460-303245-2	240503_PWD_SOIL5_6.0-6.5	05/08/2024 15:04	1	43EDBS24129001.023.D	DB CLP2 0.32(mm)
460-303245-3	240503_PWD_SOIL6_6.0-6.5	05/08/2024 15:21	1	43EDBS24129001.024.D	DB CLP1 0.32(mm)
460-303245-3	240503_PWD_SOIL6_6.0-6.5	05/08/2024 15:21	1	43EDBS24129001.024.D	DB CLP2 0.32(mm)
460-303245-4	240503_PWD_SOIL7_6.0-6.5	05/08/2024 15:38	1	43EDBS24129001.025.D	DB CLP1 0.32(mm)
460-303245-4	240503_PWD_SOIL7_6.0-6.5	05/08/2024 15:38	1	43EDBS24129001.025.D	DB CLP2 0.32(mm)
460-303245-5	DUP-2_050324	05/08/2024 15:56	1	43EDBS24129001.026.D	DB CLP1 0.32(mm)
460-303245-5	DUP-2_050324	05/08/2024 15:56	1	43EDBS24129001.026.D	DB CLP2 0.32(mm)
CCV 410-503517/27		05/08/2024 16:13	1	43EDBS24129001.027.D	DB CLP1 0.32(mm)
CCV 410-503517/27		05/08/2024 16:13	1	43EDBS24129001.027.D	DB CLP2 0.32(mm)
PIBLK 410-503517/28		05/08/2024 16:30	1	43EDBS24129001.028.D	DB CLP1 0.32(mm)
PIBLK 410-503517/28		05/08/2024 16:30	1	43EDBS24129001.028.D	DB CLP2 0.32(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-303245-1

SDG No.:

Instrument ID: 19846 Start Date: 05/13/2024 08:54

Analysis Batch Number: 505199 End Date: 05/13/2024 13:28

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVRT 410-505199/3		05/13/2024 08:54	1	43EDBS24129002.003.D	DB CLP1 0.32(mm)
CCVRT 410-505199/3		05/13/2024 08:54	1	43EDBS24129002.003.D	DB CLP2 0.32(mm)
PIBLK 410-505199/4		05/13/2024 09:11	1	43EDBS24129002.004.D	DB CLP1 0.32(mm)
PIBLK 410-505199/4		05/13/2024 09:11	1	43EDBS24129002.004.D	DB CLP2 0.32(mm)
MB 410-504517/1-A		05/13/2024 09:29	1	43EDBS24129002.005.D	DB CLP1 0.32(mm)
MB 410-504517/1-A		05/13/2024 09:29	1	43EDBS24129002.005.D	DB CLP2 0.32(mm)
LCS 410-504517/2-A		05/13/2024 09:46	1	43EDBS24129002.006.D	DB CLP1 0.32(mm)
LCS 410-504517/2-A		05/13/2024 09:46	1	43EDBS24129002.006.D	DB CLP2 0.32(mm)
LCSD 410-504517/3-A		05/13/2024 10:03	1	43EDBS24129002.007.D	DB CLP1 0.32(mm)
LCSD 410-504517/3-A		05/13/2024 10:03	1	43EDBS24129002.007.D	DB CLP2 0.32(mm)
460-303245-1 MS	240503_PWD_SOIL4_6.0-6.5 MS	05/13/2024 10:20	1	43EDBS24129002.008.D	DB CLP1 0.32(mm)
460-303245-1 MS	240503_PWD_SOIL4_6.0-6.5 MS	05/13/2024 10:20	1	43EDBS24129002.008.D	DB CLP2 0.32(mm)
460-303245-1 MSD	240503_PWD_SOIL4_6.0-6.5 MSD	05/13/2024 10:37	1	43EDBS24129002.009.D	DB CLP1 0.32(mm)
460-303245-1 MSD	240503_PWD_SOIL4_6.0-6.5 MSD	05/13/2024 10:37	1	43EDBS24129002.009.D	DB CLP2 0.32(mm)
460-303245-1	240503_PWD_SOIL4_6.0-6.5	05/13/2024 10:54	1	43EDBS24129002.010.D	DB CLP1 0.32(mm)
460-303245-1	240503_PWD_SOIL4_6.0-6.5	05/13/2024 10:54	1	43EDBS24129002.010.D	DB CLP2 0.32(mm)
ZZZZZ		05/13/2024 11:11	1		DB CLP1 0.32(mm)
ZZZZZ		05/13/2024 11:11	1		DB CLP2 0.32(mm)
ZZZZZ		05/13/2024 11:28	10		DB CLP1 0.32(mm)
ZZZZZ		05/13/2024 11:28	10		DB CLP2 0.32(mm)
ZZZZZ		05/13/2024 11:46	50		DB CLP1 0.32(mm)
ZZZZZ		05/13/2024 11:46	50		DB CLP2 0.32(mm)
ZZZZZ		05/13/2024 12:03	10		DB CLP1 0.32(mm)
ZZZZZ		05/13/2024 12:03	10		DB CLP2 0.32(mm)
ZZZZZ		05/13/2024 12:20	50		DB CLP1 0.32(mm)
ZZZZZ		05/13/2024 12:20	50		DB CLP2 0.32(mm)
ZZZZZ		05/13/2024 12:37	10		DB CLP1 0.32(mm)
ZZZZZ		05/13/2024 12:37	10		DB CLP2 0.32(mm)
ZZZZZ		05/13/2024 12:54	50		DB CLP1 0.32(mm)
ZZZZZ		05/13/2024 12:54	50		DB CLP2 0.32(mm)
CCV 410-505199/18		05/13/2024 13:11	1	43EDBS24129002.018.D	DB CLP1 0.32(mm)
CCV 410-505199/18		05/13/2024 13:11	1	43EDBS24129002.018.D	DB CLP2 0.32(mm)
PIBLK 410-505199/19		05/13/2024 13:28	1	43EDBS24129002.019.D	DB CLP1 0.32(mm)
PIBLK 410-505199/19		05/13/2024 13:28	1	43EDBS24129002.019.D	DB CLP2 0.32(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-303245-1

SDG No.:

Instrument ID: 19846 Start Date: 05/14/2024 12:38

Analysis Batch Number: 505957 End Date: 05/15/2024 01:47

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
PIBLK 410-505957/3		05/14/2024 12:38	1	43EDBW24135001.003.D	DB CLP1 0.32(mm)
PIBLK 410-505957/3		05/14/2024 12:38	1	43EDBW24135001.003.D	DB CLP2 0.32(mm)
IC 410-505957/4		05/14/2024 12:55	1	43EDBW24135001.004.D	DB CLP1 0.32(mm)
IC 410-505957/4		05/14/2024 12:55	1	43EDBW24135001.004.D	DB CLP2 0.32(mm)
IC 410-505957/5		05/14/2024 13:12	1	43EDBW24135001.005.D	DB CLP1 0.32(mm)
IC 410-505957/5		05/14/2024 13:12	1	43EDBW24135001.005.D	DB CLP2 0.32(mm)
IC 410-505957/6		05/14/2024 13:29	1	43EDBW24135001.006.D	DB CLP1 0.32(mm)
IC 410-505957/6		05/14/2024 13:29	1	43EDBW24135001.006.D	DB CLP2 0.32(mm)
ICRT 410-505957/7		05/14/2024 13:46	1	43EDBW24135001.007.D	DB CLP1 0.32(mm)
ICRT 410-505957/7		05/14/2024 13:46	1	43EDBW24135001.007.D	DB CLP2 0.32(mm)
IC 410-505957/8		05/14/2024 14:04	1	43EDBW24135001.008.D	DB CLP1 0.32(mm)
IC 410-505957/8		05/14/2024 14:04	1	43EDBW24135001.008.D	DB CLP2 0.32(mm)
IC 410-505957/9		05/14/2024 14:21	1	43EDBW24135001.009.D	DB CLP1 0.32(mm)
IC 410-505957/9		05/14/2024 14:21	1	43EDBW24135001.009.D	DB CLP2 0.32(mm)
ICVL 410-505957/10		05/14/2024 14:38	1		DB CLP1 0.32(mm)
ICVL 410-505957/10		05/14/2024 14:38	1		DB CLP2 0.32(mm)
ICV 410-505957/11		05/14/2024 14:55	1	43EDBW24135001.011.D	DB CLP1 0.32(mm)
ICV 410-505957/11		05/14/2024 14:55	1	43EDBW24135001.011.D	DB CLP2 0.32(mm)
MB 410-504521/1-A		05/14/2024 15:12	1	43EDBW24135001.012.D	DB CLP1 0.32(mm)
MB 410-504521/1-A		05/14/2024 15:12	1	43EDBW24135001.012.D	DB CLP2 0.32(mm)
LCS 410-504521/2-A		05/14/2024 15:29	1	43EDBW24135001.013.D	DB CLP1 0.32(mm)
LCS 410-504521/2-A		05/14/2024 15:29	1	43EDBW24135001.013.D	DB CLP2 0.32(mm)
LCSD 410-504521/3-A		05/14/2024 15:47	1	43EDBW24135001.014.D	DB CLP1 0.32(mm)
LCSD 410-504521/3-A		05/14/2024 15:47	1	43EDBW24135001.014.D	DB CLP2 0.32(mm)
460-303245-6	FB-1_050324	05/14/2024 16:55	1	43EDBW24135001.018.D	DB CLP1 0.32(mm)
460-303245-6	FB-1_050324	05/14/2024 16:55	1	43EDBW24135001.018.D	DB CLP2 0.32(mm)
ZZZZZ		05/14/2024 17:12	1		DB CLP1 0.32(mm)
ZZZZZ		05/14/2024 17:12	1		DB CLP2 0.32(mm)
ZZZZZ		05/14/2024 17:29	1		DB CLP1 0.32(mm)
ZZZZZ		05/14/2024 17:29	1		DB CLP2 0.32(mm)
ZZZZZ		05/14/2024 17:47	1		DB CLP1 0.32(mm)
ZZZZZ		05/14/2024 17:47	1		DB CLP2 0.32(mm)
CCV 410-505957/22		05/14/2024 18:04	1	43EDBW24135001.022.D	DB CLP1 0.32(mm)

8011

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-303245-1

SDG No.:

Instrument ID: 19846 Start Date: 05/14/2024 12:38

Analysis Batch Number: 505957 End Date: 05/15/2024 01:47

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 410-505957/22		05/14/2024 18:04	1	43EDBW24135001.022.D	DB CLP2 0.32(mm)
PIBLK 410-505957/23		05/14/2024 18:21	1	43EDBW24135001.023.D	DB CLP1 0.32(mm)
PIBLK 410-505957/23		05/14/2024 18:21	1	43EDBW24135001.023.D	DB CLP2 0.32(mm)
ZZZZZ		05/14/2024 18:38	1		DB CLP1 0.32(mm)
ZZZZZ		05/14/2024 18:38	1		DB CLP2 0.32(mm)
ZZZZZ		05/14/2024 18:55	1		DB CLP1 0.32(mm)
ZZZZZ		05/14/2024 18:55	1		DB CLP2 0.32(mm)
ZZZZZ		05/14/2024 19:12	1		DB CLP1 0.32(mm)
ZZZZZ		05/14/2024 19:12	1		DB CLP2 0.32(mm)
ZZZZZ		05/14/2024 19:30	1		DB CLP1 0.32(mm)
ZZZZZ		05/14/2024 19:30	1		DB CLP2 0.32(mm)
ZZZZZ		05/14/2024 19:47	1		DB CLP1 0.32(mm)
ZZZZZ		05/14/2024 19:47	1		DB CLP2 0.32(mm)
ZZZZZ		05/14/2024 20:04	1		DB CLP1 0.32(mm)
ZZZZZ		05/14/2024 20:04	1		DB CLP2 0.32(mm)
ZZZZZ		05/14/2024 20:21	1		DB CLP1 0.32(mm)
ZZZZZ		05/14/2024 20:21	1		DB CLP2 0.32(mm)
ZZZZZ		05/14/2024 20:38	1		DB CLP1 0.32(mm)
ZZZZZ		05/14/2024 20:38	1		DB CLP2 0.32(mm)
ZZZZZ		05/14/2024 20:55	1		DB CLP1 0.32(mm)
ZZZZZ		05/14/2024 20:55	1		DB CLP2 0.32(mm)
ZZZZZ		05/14/2024 21:13	1		DB CLP1 0.32(mm)
ZZZZZ		05/14/2024 21:13	1		DB CLP2 0.32(mm)
ZZZZZ		05/14/2024 21:30	1		DB CLP1 0.32(mm)
ZZZZZ		05/14/2024 21:30	1		DB CLP2 0.32(mm)
ZZZZZ		05/14/2024 21:47	1		DB CLP1 0.32(mm)
ZZZZZ		05/14/2024 21:47	1		DB CLP2 0.32(mm)
ZZZZZ		05/14/2024 22:04	1		DB CLP1 0.32(mm)
ZZZZZ		05/14/2024 22:04	1		DB CLP2 0.32(mm)
ZZZZZ		05/14/2024 22:21	4		DB CLP1 0.32(mm)
ZZZZZ		05/14/2024 22:21	4		DB CLP2 0.32(mm)
ZZZZZ		05/14/2024 22:38	4		DB CLP1 0.32(mm)
ZZZZZ		05/14/2024 22:38	4		DB CLP2 0.32(mm)
ZZZZZ		05/14/2024 22:56	50		DB CLP1 0.32(mm)
ZZZZZ		05/14/2024 22:56	50		DB CLP2 0.32(mm)
ZZZZZ		05/14/2024 23:13	100		DB CLP1 0.32(mm)
ZZZZZ		05/14/2024 23:13	100		DB CLP2 0.32(mm)
ZZZZZ		05/14/2024 23:30	4		DB CLP1 0.32(mm)
ZZZZZ		05/14/2024 23:30	4		DB CLP2 0.32(mm)
CCV 410-505957/42		05/14/2024 23:47	1		DB CLP1 0.32(mm)
CCV 410-505957/42		05/14/2024 23:47	1		DB CLP2 0.32(mm)
PIBLK 410-505957/43		05/15/2024 00:04	1		DB CLP1 0.32(mm)
PIBLK 410-505957/43		05/15/2024 00:04	1		DB CLP2 0.32(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-303245-1

SDG No.:

Instrument ID: 19846 Start Date: 05/14/2024 12:38

Analysis Batch Number: 505957 End Date: 05/15/2024 01:47

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		05/15/2024 00:22	1		DB CLP1 0.32(mm)
ZZZZZ		05/15/2024 00:22	1		DB CLP2 0.32(mm)
ZZZZZ		05/15/2024 00:39	1		DB CLP1 0.32(mm)
ZZZZZ		05/15/2024 00:39	1		DB CLP2 0.32(mm)
ZZZZZ		05/15/2024 00:56	1		DB CLP1 0.32(mm)
ZZZZZ		05/15/2024 00:56	1		DB CLP2 0.32(mm)
CCV 410-505957/48		05/15/2024 01:30	1		DB CLP1 0.32(mm)
CCV 410-505957/48		05/15/2024 01:30	1		DB CLP2 0.32(mm)
PIBLK 410-505957/49		05/15/2024 01:47	1		DB CLP1 0.32(mm)
PIBLK 410-505957/49		05/15/2024 01:47	1		DB CLP2 0.32(mm)

GC SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratorie Job No.: 460-303245-1

SDG No.:

Batch Number: 503073 Batch Start Date: 05/07/24 12:20 Batch Analyst: Beyer, Savannah

Batch Method: 8011 Batch End Date: 05/07/24 13:24

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	OP_EDB_MS 00072	OP_EDB_SS 00122	AnalysisComment	
MB 410-503073/1		8011, 8011			10 g	10 mL		0.5 mL	Na2SO4	
LCS 410-503073/2		8011, 8011			10 g	10 mL	0.4 mL	0.5 mL	Na2SO4	
LCSD 410-503073/3		8011, 8011			10 g	10 mL	0.4 mL	0.5 mL	Na2SO4	
460-303245-E-2	240503_PWD_SOIL5 6.0-6.5	8011, 8011	Solid	T	10.3 g	10 mL		0.5 mL	brown soil	
460-303245-E-3	240503_PWD_SOIL6 6.0-6.5	8011, 8011	Solid	T	10.4 g	10 mL		0.5 mL	brown soil	
460-303245-E-4	240503_PWD_SOIL7 6.0-6.5	8011, 8011	Solid	T	10.1 g	10 mL		0.5 mL	brown clay, wet	
460-303245-E-5	DUP-2_050324	8011, 8011	Solid	T	10.4 g	10 mL		0.5 mL	brown clay	

Batch Notes	
Balance ID	15518
Analyst ID - Extraction	SB93352
Analyst ID - Spike Analyst	SB93352
Prep Solvent ID	Hexane: 64082
Na2SO4 ID	24127A
Centrifuge ID	Centrifuge 2
VOA Vial ID	429238
Filter ID	220113103
Tumbler ID	Tumbler 1
Tumble Start Time	12:33
Tumble End Time	12:53

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratorie Job No.: 460-303245-1

SDG No.:

Batch Number: 504517 Batch Start Date: 05/10/24 08:28 Batch Analyst: Beyer, Savannah

Batch Method: 8011 Batch End Date: 05/10/24 09:38

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	OP_EDB_MS 00072	OP_EDB_SS 00122	AnalysisComment	
MB 410-504517/1		8011, 8011			10 g	10 mL		0.5 mL	Na2SO4	
LCS 410-504517/2		8011, 8011			10 g	10 mL	0.4 mL	0.5 mL	Na2SO4	
LCSD 410-504517/3		8011, 8011			10 g	10 mL	0.4 mL	0.5 mL	Na2SO4	
460-303245-E-1 MS	240503_PWD_SOIL4_6.0-6.5	8011, 8011		T	10.3 g	10 mL	0.4 mL	0.5 mL	brown soil, damp	
460-303245-E-1 MSD	240503_PWD_SOIL4_6.0-6.5	8011, 8011		T	10.4 g	10 mL	0.4 mL	0.5 mL	brown soil, damp	
460-303245-E-1	240503_PWD_SOIL4_6.0-6.5	8011, 8011	Solid	T	10.2 g	10 mL		0.5 mL	brown soil, damp	

Batch Notes	
Balance ID	15518
Analyst ID - Extraction	SB93352
Analyst ID - Spike Analyst	SB93352
Prep Solvent ID	hexane: 64082
Na2SO4 ID	24117A
Centrifuge ID	Centrifuge 2
VOA Vial ID	429238
Filter ID	220113103
Tumbler ID	tumbler 1
Tumble Start Time	08:39
Tumble End Time	08:59

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratorie Job No.: 460-303245-1

SDG No.:

Batch Number: 504521 Batch Start Date: 05/10/24 08:15 Batch Analyst: Davenport, Maria A

Batch Method: 8011 Batch End Date: 05/10/24 11:15

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	GrossWeight	TareWeight	DensityAcc	InitialAmount	FinalAmount	ReceivedpH
MB 410-504521/1		8011, 8011					n/a	35 mL	2 mL	<2 SU
LCS 410-504521/2		8011, 8011					n/a	35 mL	2 mL	<2 SU
LCSD 410-504521/3		8011, 8011					n/a	35 mL	2 mL	<2 SU
460-303245-A-6	FB-1_050324	8011, 8011	Water	T	64.69 g	29.02 g	n/a	35.7 mL	2 mL	<2 SU

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	OP_EDB_MS 00072	OP_EDB_SS 00122	AnalysisComment			
MB 410-504521/1		8011, 8011				0.1 mL	DIH2O			
LCS 410-504521/2		8011, 8011			0.07 mL	0.1 mL	DIH2O			
LCSD 410-504521/3		8011, 8011			0.07 mL	0.1 mL	DIH2O			
460-303245-A-6	FB-1_050324	8011, 8011	Water	T		0.1 mL	Clear			

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratorie Job No.: 460-303245-1

SDG No.:

Batch Number: 504521 Batch Start Date: 05/10/24 08:15 Batch Analyst: Davenport, Maria A

Batch Method: 8011 Batch End Date: 05/10/24 11:15

Batch Notes	
Balance ID	9330
Balance is Level? (Y/N)	yes
Residual Chlorine Indicator ID	060716
pH Indicator ID	80bdh4321
Pipette/Syringe/Dispenser ID	1&2
Analyst ID - Extraction	md300
Analyst ID - Spike Analyst	md300
Prep Solvent ID	64040
NaCl ID	24088a
Na2SO4 ID	24093a
Centrifuge ID	16867
Vial Lot Number	23096083
Tumbler ID	1
Tumble Start Time	10:00
Tumble End Time	10:15
Pipette Tip Lot ID	m212906m

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS

COVER PAGE
METALS

Lab Name: Eurofins Edison Job Number: 460-303245-1

SDG No.:

Project: UCS Investigation

Client Sample ID	Lab Sample ID
240503_PWD_SOIL4_6.0-6.5	460-303245-1
240503_PWD_SOIL5_6.0-6.5	460-303245-2
240503_PWD_SOIL6_6.0-6.5	460-303245-3
240503_PWD_SOIL7_6.0-6.5	460-303245-4
DUP-2_050324	460-303245-5
FB-1_050324	460-303245-6

Comments:

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 240503_PWD_SOIL4_6.0-6.5 Lab Sample ID: 460-303245-1

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG ID.:

Matrix: Solid Date Sampled: 05/03/2024 09:45

Reporting Basis: DRY Date Received: 05/03/2024 19:00

% Solids: 89.5

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7439-92-1	Lead	9.9	0.52	0.17	mg/Kg			1	6020B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 240503_PWD_SOIL5_6.0-6.5 Lab Sample ID: 460-303245-2

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG ID.:

Matrix: Solid Date Sampled: 05/03/2024 10:40

Reporting Basis: DRY Date Received: 05/03/2024 19:00

% Solids: 88.3

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7439-92-1	Lead	9.1	0.62	0.21	mg/Kg			1	6020B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 240503_PWD_SOIL6_6.0-6.5 Lab Sample ID: 460-303245-3

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG ID.:

Matrix: Solid Date Sampled: 05/03/2024 11:40

Reporting Basis: DRY Date Received: 05/03/2024 19:00

% Solids: 89.1

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7439-92-1	Lead	9.2	0.64	0.21	mg/Kg			1	6020B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 240503_PWD_SOIL7_6.0-6.5 Lab Sample ID: 460-303245-4

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG ID.:

Matrix: Solid Date Sampled: 05/03/2024 13:00

Reporting Basis: DRY Date Received: 05/03/2024 19:00

% Solids: 86.3

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7439-92-1	Lead	9.0	0.66	0.22	mg/Kg			1	6020B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: DUP-2_050324 Lab Sample ID: 460-303245-5

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG ID.:

Matrix: Solid Date Sampled: 05/03/2024 00:00

Reporting Basis: DRY Date Received: 05/03/2024 19:00

% Solids: 89.1

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7439-92-1	Lead	13.0	0.64	0.21	mg/Kg			1	6020B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: FB-1_050324 Lab Sample ID: 460-303245-6

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG ID.:

Matrix: Water Date Sampled: 05/03/2024 13:05

Reporting Basis: WET Date Received: 05/03/2024 19:00

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7439-92-1	Lead	0.84	1.2	0.84	ug/L	U		1	6020B

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

ICV Source: Interm_ICV_00017 Concentration Units: ug/L

CCV Source: me_Cal5_00158

Analyte	ICV 460-973688/7 05/08/2024 11:06				CCV 460-973688/19 05/08/2024 11:34				CCV 460-973688/98 05/08/2024 14:42			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Lead	79.57		80.0	99	101.5		100	101	101.6		100	102

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

ICV Source: Interm_ICV_00017 Concentration Units: ug/L

CCV Source: me_Cal5_00158

Analyte	CCV 460-973688/106 05/08/2024 15:01											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Lead	101.6		100	102								

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

ICV Source: Interm_ICV_00017 Concentration Units: ug/L

CCV Source: me_Cal5_00158

Analyte	ICV 460-973456/7 05/07/2024 12:04				CCV 460-973456/19 05/07/2024 12:34				CCV 460-973456/143 05/07/2024 18:09			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Lead	79.12		80.0	99	99.60		100	100	99.05		100	99

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

ICV Source: Interm_ICV_00017 Concentration Units: ug/L

CCV Source: me_Cal5_00158

Analyte	CCV 460-973456/153 05/07/2024 18:33				CCV 460-973456/176 05/07/2024 19:42				CCV 460-973456/184 05/07/2024 20:01			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Lead	99.38		100	99	102.3		100	102	101.5		100	101

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

ICV Source: Interm_ICV_00017 Concentration Units: ug/L

CCV Source: me_Cal5_00158

Analyte	ICV 460-973644/7 05/08/2024 10:25				CCV 460-973644/19 05/08/2024 10:53				CCV 460-973644/69 05/08/2024 12:51			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Lead	78.92		80.0	99	103.6		100	104	100.2		100	100

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

ICV Source: Interm_ICV_00017 Concentration Units: ug/L

CCV Source: me_Cal5_00158

Analyte	CCV 460-973644/81 05/08/2024 13:20											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Lead	103.4		100	103								

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

ICV Source: Interm_ICV_00017 Concentration Units: ug/L

CCV Source: me_Cal5_00158

Analyte	ICV 460-974701/7 05/13/2024 15:54				CCV 460-974701/17 05/13/2024 16:18				CCV 460-974701/52 05/13/2024 17:51			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Lead	79.87		80.0	100	101.7		100	102	103.6		100	104

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

ICV Source: Interm_ICV_00017 Concentration Units: ug/L

CCV Source: me_Cal5_00158

Analyte	CCV 460-974701/64 05/13/2024 18:20				CCV 460-974701/76 05/13/2024 19:01							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Lead	103.5		100	104	103.9		100	104				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 460-973688/8 05/08/2024 11:08		CCB 460-973688/20 05/08/2024 11:36		CCB 460-973688/99 05/08/2024 14:44		CCB 460-973688/107 05/08/2024 15:03	
		Found	C	Found	C	Found	C	Found	C
Lead	6.0	2.0	U	2.0	U	2.0	U	2.0	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 460-973456/8 05/07/2024 12:06		CCB 460-973456/20 05/07/2024 12:36		CCB 460-973456/144 05/07/2024 18:12		CCB 460-973456/154 05/07/2024 18:35	
		Found	C	Found	C	Found	C	Found	C
Lead	1.2	0.84	U	0.84	U	0.84	U	0.84	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	CCB 460-973456/177 05/07/2024 19:44		CCB 460-973456/185 05/07/2024 20:03					
		Found	C	Found	C	Found	C	Found	C
Lead	1.2	0.84	U	0.84	U				

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 460-973644/8 05/08/2024 10:27		CCB 460-973644/20 05/08/2024 10:56		CCB 460-973644/70 05/08/2024 12:54		CCB 460-973644/82 05/08/2024 13:22	
		Found	C	Found	C	Found	C	Found	C
Lead	6.0	2.0	U	2.0	U	2.0	U	2.0	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 460-974701/8 05/13/2024 15:56		CCB 460-974701/18 05/13/2024 16:20		CCB 460-974701/53 05/13/2024 17:54		CCB 460-974701/65 05/13/2024 18:23	
		Found	C	Found	C	Found	C	Found	C
Lead	6.0	2.0	U	2.0	U	2.0	U	2.0	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	CCB 460-974701/77 05/13/2024 19:03							
		Found	C	Found	C	Found	C	Found	C
Lead	6.0	2.0	U						

Italicized analytes were not requested for this sequence.

3-IN
METHOD BLANK
METALS

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Concentration Units: ug/L Lab Sample ID: MB 460-973170/1-A

Instrument Code: ICPMS5 Batch No.: 973456

CAS No.	Analyte	Concentration	C	Q	Method
7439-92-1	Lead	0.84	U		6020B

3-IN
METHOD BLANK
METALS

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Concentration Units: mg/Kg Lab Sample ID: MB 460-973567/1-A

Instrument Code: ICPMS5 Batch No.: 973644

CAS No.	Analyte	Concentration	C	Q	Method
7439-92-1	Lead	0.20	U		6020B

3-IN
METHOD BLANK
METALS

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Concentration Units: mg/Kg Lab Sample ID: MB 460-974363/1-A

Instrument Code: ICPMS5 Batch No.: 974701

CAS No.	Analyte	Concentration	C	Q	Method
7439-92-1	Lead	0.20	U		6020B

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Lab Sample ID: ICSA 460-973688/10 Instrument ID: ICPMS3

Lab File ID: 013ICSA.d ICS Source: me_ICSA_00225

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Lead		**0.206**	
Aluminum	*100000*	*100595*	*101*
Antimony		*0.214*	
Arsenic		*0.231*	
Barium		*0.846*	
Beryllium		*0.0050*	
Boron		*4.14*	
Cadmium		*0.382*	
Calcium	*100000*	*100622*	*101*
Chromium		*0.623*	
Cobalt		*0.358*	
Copper		*0.811*	
Iron	*100000*	*99925*	*100*
Magnesium	*100000*	*98098*	*98*
Manganese		*1.05*	
Molybdenum	*2000*	*2030*	*102*
Nickel		*1.08*	
Potassium	*100000*	*100953*	*101*
Selenium		*0.0560*	
Silver		*0.0380*	
Sodium	*100000*	*102267*	*102*
Strontium		*0.824*	
Thallium		*-0.0530*	
Tin		*0.0750*	
Titanium	*2000*	*2045*	*102*
Vanadium		*-0.0910*	
Zinc		*-0.797*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Lab Sample ID: ICSAB 460-973688/11 Instrument ID: ICPMS3

Lab File ID: 014ICSB.d ICS Source: me_ICSAB_00187

Concentration Units: ug/L

Analyte	True Solution AB	Found Solution AB	Percent Recovery
Lead	**200**	**209**	**105**
Aluminum	*100000*	*100806*	*101*
Antimony	*100*	*102*	*102*
Arsenic	*200*	*202*	*101*
Barium	*200*	*212*	*106*
Beryllium	*200*	*192*	*96*
Boron		*3.38*	
Cadmium	*200*	*206*	*103*
Calcium	*100000*	*101797*	*102*
Chromium	*200*	*205*	*103*
Cobalt	*200*	*203*	*101*
Copper	*200*	*202*	*101*
Iron	*100000*	*100866*	*101*
Magnesium	*100000*	*98803*	*99*
Manganese	*200*	*195*	*98*
Molybdenum	*2000*	*2055*	*103*
Nickel	*200*	*205*	*102*
Potassium	*100000*	*101784*	*102*
Selenium	*200*	*202*	*101*
Silver	*200*	*195*	*98*
Sodium	*100000*	*102871*	*103*
Strontium	*200*	*207*	*104*
Thallium	*100*	*104*	*104*
Tin	*200*	*207*	
Titanium	*2000*	*2103*	*105*
Vanadium	*200*	*207*	*103*
Zinc	*200*	*202*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Lab Sample ID: ICSA 460-973456/10 Instrument ID: ICPMS5

Lab File ID: 013ICSA.d ICS Source: me_ICSA_00225

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Lead		**0.124**	
Aluminum	*100000*	*102242*	*102*
Antimony		*0.154*	
Arsenic		*0.0600*	
Barium		*0.658*	
Beryllium		*0.0120*	
Boron		*4.61*	
Cadmium		*0.278*	
Calcium	*100000*	*99636*	*100*
Chromium		*0.530*	
Cobalt		*0.341*	
Copper		*0.356*	
Iron	*100000*	*99428*	*99*
Magnesium	*100000*	*98629*	*99*
Manganese		*0.775*	
Molybdenum	*2000*	*2055*	*103*
Nickel		*0.481*	
Potassium	*100000*	*98237*	*98*
Selenium		*0.220*	
Silver		*0.0360*	
Sodium	*100000*	*99993*	*100*
Strontium		*0.668*	
Thallium		*0.0050*	
Tin		*-0.108*	
Titanium	*2000*	*2130*	*107*
Vanadium		*-0.173*	
Zinc		*0.694*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Lab Sample ID: ICSAB 460-973456/11 Instrument ID: ICPMS5

Lab File ID: 014ICSB.d ICS Source: me_ICSAB_00187

Concentration Units: ug/L

Analyte	True Solution AB	Found Solution AB	Percent Recovery
Lead	**200**	**203**	**102**
Aluminum	*100000*	*103397*	*103*
Antimony	*100*	*100*	*100*
Arsenic	*200*	*199*	*100*
Barium	*200*	*201*	*100*
Beryllium	*200*	*199*	*100*
Boron		*3.23*	
Cadmium	*200*	*201*	*100*
Calcium	*100000*	*99419*	*99*
Chromium	*200*	*201*	*101*
Cobalt	*200*	*200*	*100*
Copper	*200*	*200*	*100*
Iron	*100000*	*99413*	*99*
Magnesium	*100000*	*100078*	*100*
Manganese	*200*	*192*	*96*
Molybdenum	*2000*	*2041*	*102*
Nickel	*200*	*201*	*101*
Potassium	*100000*	*99502*	*100*
Selenium	*200*	*201*	*100*
Silver	*200*	*191*	*95*
Sodium	*100000*	*100913*	*101*
Strontium	*200*	*203*	*102*
Thallium	*100*	*103*	*103*
Tin	*200*	*201*	*101*
Titanium	*2000*	*2100*	*105*
Vanadium	*200*	*202*	*101*
Zinc	*200*	*203*	*101*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Lab Sample ID: ICSA 460-973644/10 Instrument ID: ICPMS5

Lab File ID: 013ICSA.d ICS Source: me_ICSA_00225

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Lead		**0.244**	
Aluminum	*100000*	*103287*	*103*
Antimony		*0.139*	
Arsenic		*0.126*	
Barium		*0.699*	
Beryllium		*0.0170*	
Boron		*4.09*	
Cadmium		*0.270*	
Calcium	*100000*	*98464*	*98*
Chromium		*0.813*	
Cobalt		*0.325*	
Copper		*0.553*	
Iron	*100000*	*97966*	*98*
Magnesium	*100000*	*98920*	*99*
Manganese		*0.902*	
Molybdenum	*2000*	*1995*	*100*
Nickel		*0.824*	
Potassium	*100000*	*98109*	*98*
Selenium		*0.131*	
Silver		*0.0260*	
Sodium	*100000*	*99225*	*99*
Strontium		*0.741*	
Thallium		*0.0230*	
Tin		*-0.221*	
Titanium	*2000*	*2046*	*102*
Vanadium		*-0.111*	
Zinc		*1.43*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Lab Sample ID: ICSAB 460-973644/11 Instrument ID: ICPMS5

Lab File ID: 014ICSB.d ICS Source: me_ICSAB_00187

Concentration Units: ug/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Lead	**200**	**205**	**102**
Aluminum	*100000*	*103038*	*103*
Antimony	*100*	*102*	*102*
Arsenic	*200*	*201*	*101*
Barium	*200*	*203*	*102*
Beryllium	*200*	*197*	*98*
Boron		*2.86*	
Cadmium	*200*	*205*	*102*
Calcium	*100000*	*97605*	*98*
Chromium	*200*	*199*	*99*
Cobalt	*200*	*196*	*98*
Copper	*200*	*197*	*98*
Iron	*100000*	*96551*	*97*
Magnesium	*100000*	*98767*	*99*
Manganese	*200*	*194*	*97*
Molybdenum	*2000*	*2005*	*100*
Nickel	*200*	*199*	*99*
Potassium	*100000*	*98099*	*98*
Selenium	*200*	*193*	*97*
Silver	*200*	*190*	*95*
Sodium	*100000*	*99475*	*99*
Strontium	*200*	*201*	*100*
Thallium	*100*	*102*	*102*
Tin	*200*	*203*	
Titanium	*2000*	*2048*	*102*
Vanadium	*200*	*202*	*101*
Zinc	*200*	*205*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Lab Sample ID: ICSA 460-974701/10 Instrument ID: ICPMS5

Lab File ID: 012ICSA.d ICS Source: me_ICSA_00225

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Lead		**0.373**	
Aluminum	*100000*	*105701*	*106*
Antimony		*0.227*	
Arsenic		*-0.573*	
Barium		*0.669*	
Beryllium		*0.0150*	
Boron		*3.71*	
Cadmium		*0.363*	
Calcium	*100000*	*103300*	*103*
Chromium		*0.788*	
Cobalt		*0.349*	
Copper		*0.428*	
Iron	*100000*	*102943*	*103*
Magnesium	*100000*	*100647*	*101*
Manganese		*0.652*	
Molybdenum	*2000*	*2077*	*104*
Nickel		*0.523*	
Potassium	*100000*	*100015*	*100*
Selenium		*0.226*	
Silver		*0.0300*	
Sodium	*100000*	*101685*	*102*
Strontium		*0.843*	
Thallium		*0.0120*	
Tin		*0.462*	
Titanium	*2000*	*2184*	*109*
Vanadium		*0.284*	
Zinc		*12.3*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Lab Sample ID: ICSAB 460-974701/11 Instrument ID: ICPMS5

Lab File ID: 013ICSB.d ICS Source: me_ICSAB_00187

Concentration Units: ug/L

Analyte	True Solution AB	Found Solution AB	Percent Recovery
Lead	**200**	**210**	**105**
Aluminum	*100000*	*105515*	*106*
Antimony	*100*	*105*	*105*
Arsenic	*200*	*194*	*97*
Barium	*200*	*206*	*103*
Beryllium	*200*	*203*	*101*
Boron		*2.54*	
Cadmium	*200*	*206*	*103*
Calcium	*100000*	*102945*	*103*
Chromium	*200*	*206*	*103*
Cobalt	*200*	*201*	*100*
Copper	*200*	*201*	*101*
Iron	*100000*	*103001*	*103*
Magnesium	*100000*	*101331*	*101*
Manganese	*200*	*197*	*99*
Molybdenum	*2000*	*2090*	*104*
Nickel	*200*	*206*	*103*
Potassium	*100000*	*100784*	*101*
Selenium	*200*	*202*	*101*
Silver	*200*	*193*	*97*
Sodium	*100000*	*102778*	*103*
Strontium	*200*	*205*	*103*
Thallium	*100*	*103*	*103*
Tin	*200*	*210*	
Titanium	*2000*	*2195*	*110*
Vanadium	*200*	*206*	*103*
Zinc	*200*	*211*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: _____ Lab ID: 460-303181-I-5-C MS

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.: _____

Matrix: Water Concentration Units: ug/L

% Solids: _____

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Lead	28.49		2.0		25.0	106	75-125		6020B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VA - IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: Lab ID: 460-303238-K-1-D MS

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Matrix: Solid Concentration Units: mg/Kg

% Solids: 98.6

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Lead	297.0		280		5.07	331	75-125	4	6020B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VA - IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: Lab ID: 460-303659-E-2-K MS

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Matrix: Solid Concentration Units: mg/Kg

% Solids: 94.4

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Lead	61.04		53.2		4.14	189	75-125	4	6020B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VA - IN

5A-IN
MATRIX SPIKE DUPLICATE SAMPLE RECOVERY
METALS

Client ID: _____ Lab ID: 460-303181-I-5-D MSD

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.: _____

Matrix: Water Concentration Units: ug/L

% Solids: _____

Analyte	(SDR)	C	Spike Added (SA)	%R	Control Limit %R	RPD	RPD Limit	Q	Method
Lead	28.19		25.0	105	75-125	1	20		6020B

SDR = Sample Duplicate Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VD - IN

5A-IN
MATRIX SPIKE DUPLICATE SAMPLE RECOVERY
METALS

Client ID: Lab ID: 460-303659-E-2-L MSD

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Matrix: Solid Concentration Units: mg/Kg

% Solids: 94.4

Analyte	(SDR)	C	Spike Added (SA)	%R	Control Limit %R	RPD	RPD Limit	Q	Method
Lead	44.57		4.11	-210	75-125	31	20	4 F2	6020B

SDR = Sample Duplicate Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VD - IN

5B-IN
POST DIGESTION SPIKE SAMPLE RECOVERY
METALS

Client ID: _____ Lab ID: 460-303181-I-5-A PDS

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.: _____

Matrix: Water Concentration Units: ug/L

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Lead	29.43		2.0		25.0	110	75-125		6020B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VB - IN

5B-IN
POST DIGESTION SPIKE SAMPLE RECOVERY
METALS

Client ID: _____ Lab ID: 460-303659-A-2-F PDS

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.: _____

Matrix: Solid Concentration Units: mg/Kg

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Lead	54.87		53.2		2.01	NC	75-125		6020B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VB - IN

6-IN
DUPLICATES
METALS

Client ID: _____ Lab ID: 460-303181-I-5-B DU

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.: _____

% Solids for Sample: _____ % Solids for Duplicate: _____

Matrix: Water Concentration Units: ug/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Lead	1.2	2.0		2.04		0.5		6020B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

6-IN
DUPLICATES
METALS

Client ID: _____ Lab ID: 460-303238-K-1-C DU

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.: _____

% Solids for Sample: 98.6 % Solids for Duplicate: 98.6

Matrix: Solid Concentration Units: mg/Kg

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Lead	0.61	280		280.1		0.05		6020B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

6-IN
DUPLICATES
METALS

Client ID: Lab ID: 460-303659-A-2-G DU

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

% Solids for Sample: 94.4 % Solids for Duplicate: 94.4

Matrix: Solid Concentration Units: mg/Kg

Analyte	Control Limit	Sample (S) C		Duplicate (D) C		RPD	Q	Method
Lead	0.49	53.2		51.17		4		6020B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

7A-IN
LINEAR RANGE CHECK STANDARD
METALS

Lab ID: LRC 460-973456/12

Lab Name: Eurofins Edison Job No.: 460-303245-1

Sample Matrix: LCS Source: me_LR-A_00038

Analyte	(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Lead	20000	19210		96	90	110		6020B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LINEAR RANGE CHECK STANDARD
METALS

Lab ID: LRC 460-973456/13

Lab Name: Eurofins Edison Job No.: 460-303245-1

Sample Matrix: LCS Source:

Analyte	(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Lead		27.47						6020B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LINEAR RANGE CHECK STANDARD
METALS

Lab ID: LRC 460-973456/14

Lab Name: Eurofins Edison Job No.: 460-303245-1

Sample Matrix: LCS Source:

Analyte	(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Lead		3.31						6020B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 460-973170/2-A

Lab Name: Eurofins Edison Job No.: 460-303245-1

Sample Matrix: Water LCS Source: ME_ipmsSPK_00052

Analyte	Water(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Lead	25.0	25.32		101	80	120		6020B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LINEAR RANGE CHECK STANDARD
METALS

Lab ID: LRC 460-973644/12

Lab Name: Eurofins Edison Job No.: 460-303245-1

Sample Matrix: LCS Source: me_LR-A_00038

Analyte	(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Lead	20000	19290		96	90	110		6020B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LINEAR RANGE CHECK STANDARD
METALS

Lab ID: LRC 460-973644/13

Lab Name: Eurofins Edison Job No.: 460-303245-1

Sample Matrix: LCS Source:

Analyte	(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Lead		22.60						6020B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LINEAR RANGE CHECK STANDARD
METALS

Lab ID: LRC 460-973644/14

Lab Name: Eurofins Edison Job No.: 460-303245-1

Sample Matrix: LCS Source:

Analyte	(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Lead		3.03	J					6020B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LCS-CERTIFIED REFERENCE MATERIAL
METALS

Lab ID: LCSSRM 460-973567/2-A ^3

Lab Name: Eurofins Edison Job No.: 460-303245-1

Sample Matrix: Solid LCS Source: ME_LCSS_123_00003

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Lead	92.8	95.86		103.3	81.8	118.5		6020B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LINEAR RANGE CHECK STANDARD
METALS

Lab ID: LRC 460-973688/12

Lab Name: Eurofins Edison Job No.: 460-303245-1

Sample Matrix: LCS Source: me_LR-A_00038

Analyte	(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Lead	20000	19130		96	90	110		6020B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LINEAR RANGE CHECK STANDARD
METALS

Lab ID: LRC 460-973688/13

Lab Name: Eurofins Edison Job No.: 460-303245-1

Sample Matrix: LCS Source:

Analyte	(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Lead		4.36	J					6020B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LINEAR RANGE CHECK STANDARD
METALS

Lab ID: LRC 460-973688/14

Lab Name: Eurofins Edison Job No.: 460-303245-1

Sample Matrix: LCS Source:

Analyte	(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Lead		2.0	U					6020B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LINEAR RANGE CHECK STANDARD
METALS

Lab ID: LRC 460-974701/12

Lab Name: Eurofins Edison Job No.: 460-303245-1

Sample Matrix: LCS Source: me_LR-A_00038

Analyte	(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Lead	20000	19920		100	90	110		6020B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LINEAR RANGE CHECK STANDARD
METALS

Lab ID: LRC 460-974701/13

Lab Name: Eurofins Edison Job No.: 460-303245-1

Sample Matrix: LCS Source:

Analyte	(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Lead		5.30	J					6020B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LINEAR RANGE CHECK STANDARD
METALS

Lab ID: LRC 460-974701/14

Lab Name: Eurofins Edison Job No.: 460-303245-1

Sample Matrix: LCS Source:

Analyte	(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Lead		2.26	J					6020B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LCS-CERTIFIED REFERENCE MATERIAL
METALS

Lab ID: LCSSRM 460-974363/2-A ^3

Lab Name: Eurofins Edison Job No.: 460-303245-1

Sample Matrix: Solid LCS Source: ME_LCSS_123_00003

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Lead	92.8	93.61		100.9	81.8	118.5		6020B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS

Lab ID: 460-303181-I-5-A SD ^5

SDG No:

Lab Name: Eurofins Edison Job No: 460-303245-1

Matrix: Water Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Lead	2.0		4.2	U	NC		6020B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIII-IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS

Lab ID: 460-303238-K-1-B SD ^5

SDG No:

Lab Name: Eurofins Edison Job No: 460-303245-1

Matrix: Solid Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Lead	280		285.7		2.0		6020B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIII-IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS

Lab ID: 460-303659-A-2-F SD ^5

SDG No:

Lab Name: Eurofins Edison Job No: 460-303245-1

Matrix: Solid Concentration Units: mg/Kg

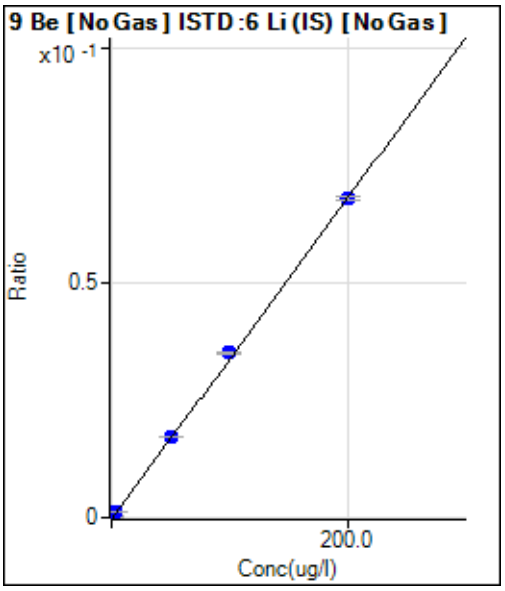
Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Lead	53.2		55.33		NC		6020B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIII-IN

Batch Folder: D:\Agilent\ICPMH\1\DATA\NM050724E.b\
Analysis File: NM050724E.batch.bin
DA Date-Time: 2024-05-07 12:37:41
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

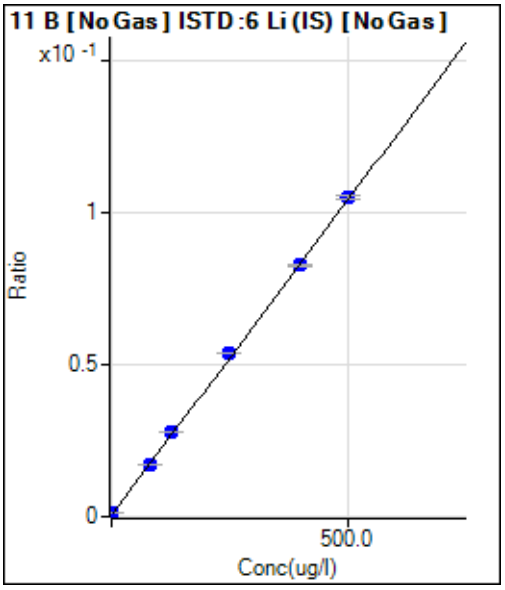
Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	IC CAL-Blk	2024-05-07 11:48:37
2	005CALS.d	IC CAL1	2024-05-07 11:51:20
3	006CALS.d	IC CAL2	2024-05-07 11:53:55
4	007CALS.d	IC CAL3	2024-05-07 11:56:29
5	008CALS.d	IC CAL4	2024-05-07 11:59:04
6	009CALS.d	IC CAL5	2024-05-07 12:01:59



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	40.00	0.0000	P	25.2	
2	☐	0.800	0.741	1535.65	0.0003	P	4.9	-7.4
3	☐	4.000	4.002	8061.22	0.0014	P	2.7	0.1
4	☐	50.000	50.391	99799.81	0.0173	P	0.9	0.8
5	☐	100.000	102.367	203515.72	0.0351	P	0.7	2.4
6	☐	200.000	198.719	403979.74	0.0681	P	1.0	-0.6

y = 3.4262E-004 * x + 6.8834E-006
R = 0.9999
DL = 0.0152 ug/l
BEC = 0.02009 ug/l

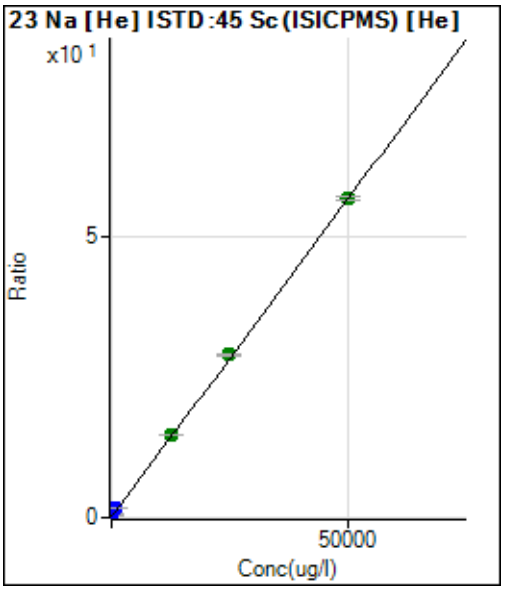
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	6152.49	0.0011	P	2.1	
2	☐	80.000	77.733	101258.52	0.0172	P	1.5	-2.8
3	☐	400.000	394.080	484455.37	0.0828	P	0.6	-1.5
4	☐	125.000	128.815	160531.37	0.0278	P	1.2	3.1
5	☐	250.000	254.843	312860.18	0.0539	P	0.4	1.9
6	☐	500.000	501.724	623808.58	0.1051	P	1.2	0.3

y = 2.0746E-004 * x + 0.0011
R = 0.9998
DL = 0.3154 ug/l
BEC = 5.102 ug/l

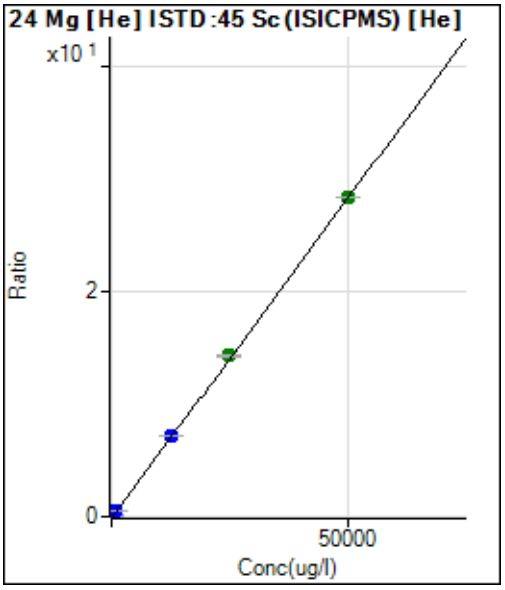
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	23656.58	0.3938	P	0.3	
2	☐	200.000	204.873	37753.95	0.6256	P	0.5	2.4
3	☐	1000.000	1032.498	94551.34	1.5620	P	1.4	3.2
4	☐	12500.00	12563.26	878648.34	14.607	A	0.4	0.5
5	☐	25000.00	25226.01	1751525.22	28.934	A	0.8	0.9
6	☐	50000.00	49870.50	3451781.34	56.817	A	1.1	-0.3

y = 0.0011 * x + 0.3938
R = 1.0000
DL = 2.816 ug/l
BEC = 348.1 ug/l

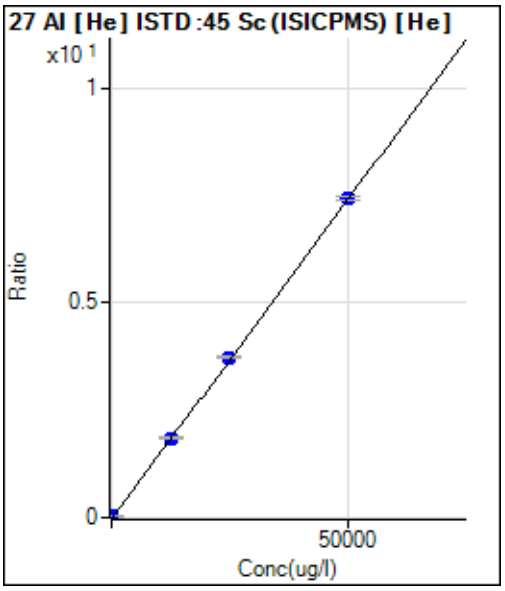
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	315.56	0.0053	P	11.5	
2	☐	200.000	204.011	7308.62	0.1211	P	1.0	2.0
3	☐	1000.000	1009.934	35035.91	0.5788	P	0.9	1.0
4	☐	12500.00	12609.85	431023.37	7.1661	P	0.9	0.9
5	☐	25000.00	25142.16	864576.22	14.282	A	0.9	0.6
6	☐	50000.00	49901.23	1721989.54	28.342	A	0.3	-0.2

y = 5.6787E-004 * x + 0.0053
R = 1.0000
DL = 3.199 ug/l
BEC = 9.257 ug/l

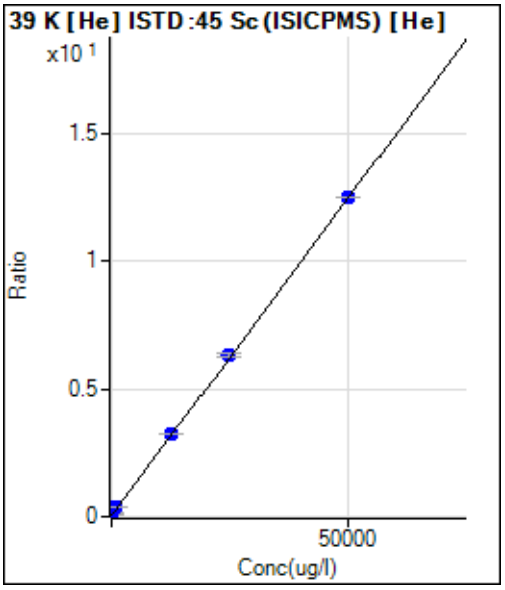
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	91.11	0.0015	P	20.1	
2	☐	40.000	41.612	465.57	0.0077	P	7.1	4.0
3	☐	200.000	204.178	1932.37	0.0319	P	0.6	2.1
4	☐	12500.00	12479.30	111864.66	1.8598	P	1.1	-0.2
5	☐	25000.00	25104.17	226374.15	3.7398	P	1.4	0.4
6	☐	50000.00	49953.06	452038.03	7.4402	P	0.8	-0.1

y = 1.4891E-004 * x + 0.0015
R = 1.0000
DL = 6.151 ug/l
BEC = 10.18 ug/l

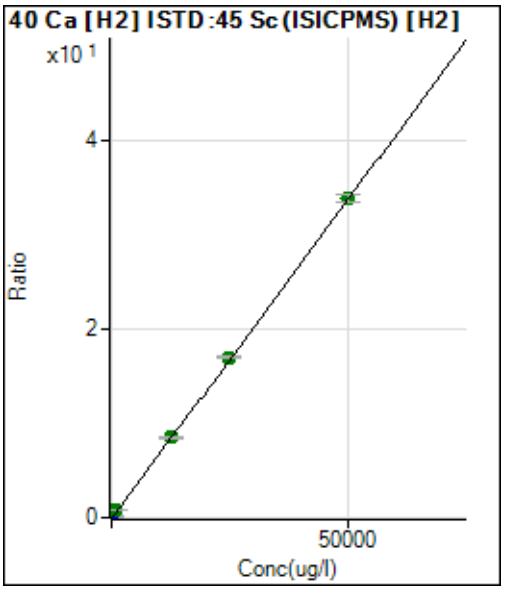
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	6312.59	0.1051	P	0.8	
2	☐	200.000	193.946	9247.58	0.1532	P	2.9	-3.0
3	☐	1000.000	1029.117	21828.24	0.3606	P	2.3	2.9
4	☐	12500.00	12557.21	193852.07	3.2229	P	0.5	0.5
5	☐	25000.00	25073.38	383182.10	6.3305	P	1.4	0.3
6	☐	50000.00	49948.44	759853.96	12.506	P	0.2	-0.1

y = 2.4829E-004 * x + 0.1051
R = 1.0000
DL = 9.644 ug/l
BEC = 423.2 ug/l

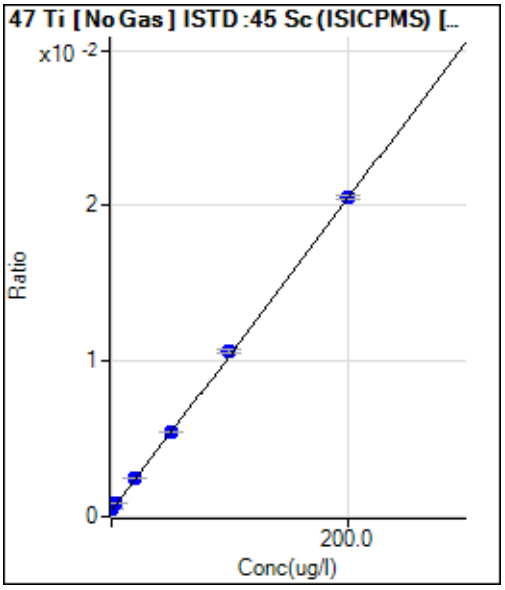
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Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	78673.30	0.0487	P	0.7	
2	☐	200.000	200.385	300284.80	0.1845	P	1.3	0.2
3	☐	1000.000	1015.118	1195249.44	0.7369	A	0.3	1.5
4	☐	12500.00	12562.14	13868355.91	8.5660	A	2.0	0.5
5	☐	25000.00	25000.28	27635288.75	16.999	A	1.0	0.0
6	☐	50000.00	49984.01	55686211.95	33.938	A	2.5	0.0

y = 6.7801E-004 * x + 0.0487
R = 1.0000
DL = 1.501 ug/l
BEC = 71.75 ug/l

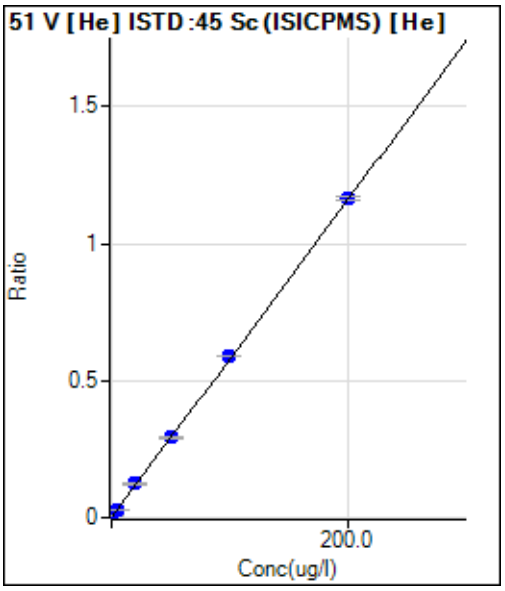
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Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	2445.79	0.0005	P	2.2	
2	☐	4.000	3.733	4389.62	0.0009	P	1.7	-6.7
3	☐	20.000	19.800	12701.46	0.0025	P	0.7	-1.0
4	☐	50.000	49.448	27636.56	0.0054	P	0.6	-1.1
5	☐	100.000	100.894	54492.82	0.0106	P	1.9	0.9
6	☐	200.000	199.716	106021.26	0.0206	P	0.7	-0.1

y = 1.0051E-004 * x + 4.7746E-004
R = 1.0000
DL = 0.3131 ug/l
BEC = 4.75 ug/l

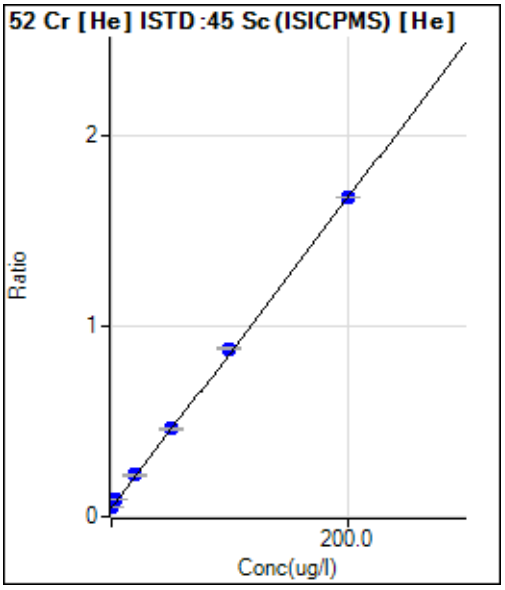
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Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	455.57	0.0076	P	8.3	
2	☐	4.000	3.925	1830.14	0.0303	P	4.0	-1.9
3	☐	20.000	19.936	7448.72	0.1231	P	2.4	-0.3
4	☐	50.000	49.300	17632.47	0.2931	P	1.9	-1.4
5	☐	100.000	100.447	35677.21	0.5894	P	1.0	0.4
6	☐	200.000	199.959	70825.36	1.1657	P	0.8	0.0

y = 0.0058 * x + 0.0076
R = 1.0000
DL = 0.3252 ug/l
BEC = 1.31 ug/l

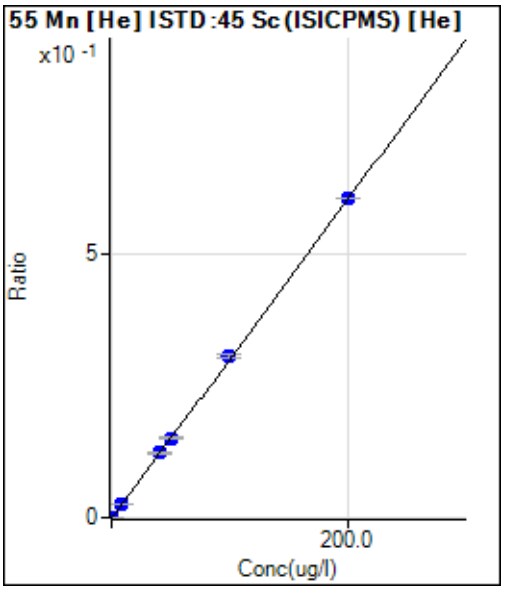
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	3250.41	0.0541	P	4.6	
2	☐	4.000	4.242	5355.52	0.0887	P	0.6	6.1
3	☐	20.000	20.032	13171.92	0.2176	P	1.4	0.2
4	☐	50.000	50.175	27882.69	0.4636	P	2.0	0.4
5	☐	100.000	101.443	53385.22	0.8819	P	1.2	1.4
6	☐	200.000	199.227	102068.04	1.6799	P	0.5	-0.4

y = 0.0082 * x + 0.0541
R = 1.0000
DL = 0.9075 ug/l
BEC = 6.632 ug/l

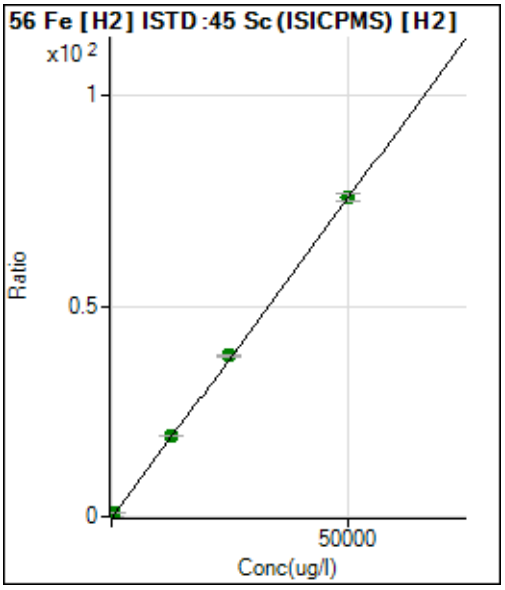
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Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	68.89	0.0011	P	28.8	
2	☐	8.000	8.169	1565.66	0.0259	P	4.8	2.1
3	☐	40.000	40.213	7458.75	0.1232	P	1.6	0.5
4	☐	50.000	49.377	9084.17	0.1510	P	1.1	-1.2
5	☐	100.000	100.951	18616.05	0.3076	P	2.1	1.0
6	☐	200.000	199.631	36886.22	0.6071	P	0.6	-0.2

y = 0.0030 * x + 0.0011
R = 1.0000
DL = 0.3254 ug/l
BEC = 0.3771 ug/l

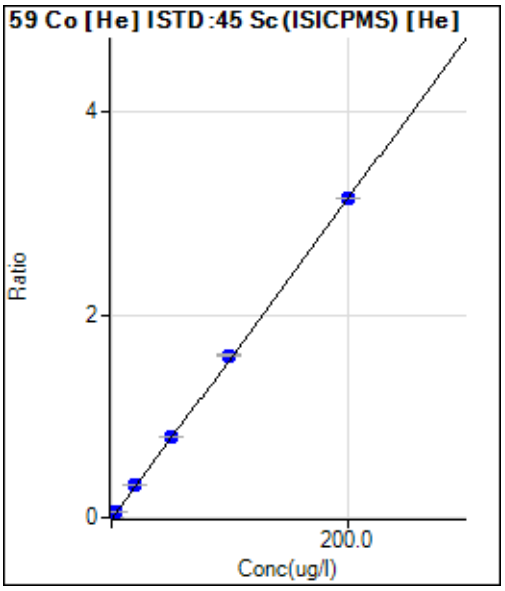
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	38872.70	0.0240	P	0.5	
2	☐	120.000	120.562	337496.69	0.2074	P	1.3	0.5
3	☐	600.000	608.839	1540709.61	0.9499	A	0.5	1.5
4	☐	12500.00	12596.53	31052281.76	19.179	A	1.6	0.8
5	☐	25000.00	25126.33	62157520.18	38.234	A	1.2	0.5
6	☐	50000.00	49912.59	124578020.3	75.927	A	2.1	-0.2

y = 0.0015 * x + 0.0240
R = 1.0000
DL = 0.2598 ug/l
BEC = 15.81 ug/l

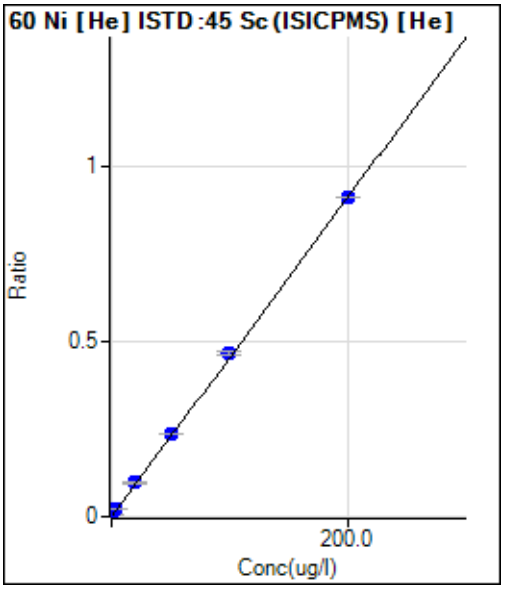
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	41.11	0.0007	P	40.9	
2	☐	4.000	3.907	3763.88	0.0624	P	4.2	-2.3
3	☐	20.000	20.204	19353.75	0.3197	P	2.4	1.0
4	☐	50.000	50.395	47902.47	0.7964	P	0.2	0.8
5	☐	100.000	101.103	96671.89	1.5971	P	1.2	1.1
6	☐	200.000	199.331	191267.46	3.1480	P	0.5	-0.3

y = 0.0158 * x + 6.8581E-004
R = 1.0000
DL = 0.05332 ug/l
BEC = 0.04343 ug/l

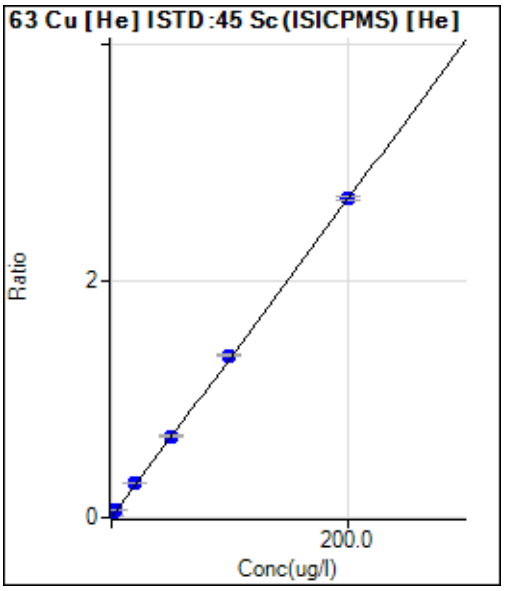
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	263.34	0.0044	P	12.4	
2	☐	4.000	4.145	1404.53	0.0233	P	5.5	3.6
3	☐	20.000	20.398	5892.42	0.0974	P	4.2	2.0
4	☐	50.000	51.071	14264.16	0.2371	P	1.4	2.1
5	☐	100.000	101.322	28215.82	0.4662	P	2.3	1.3
6	☐	200.000	199.029	55378.20	0.9115	P	0.3	-0.5

y = 0.0046 * x + 0.0044
R = 1.0000
DL = 0.3579 ug/l
BEC = 0.9611 ug/l

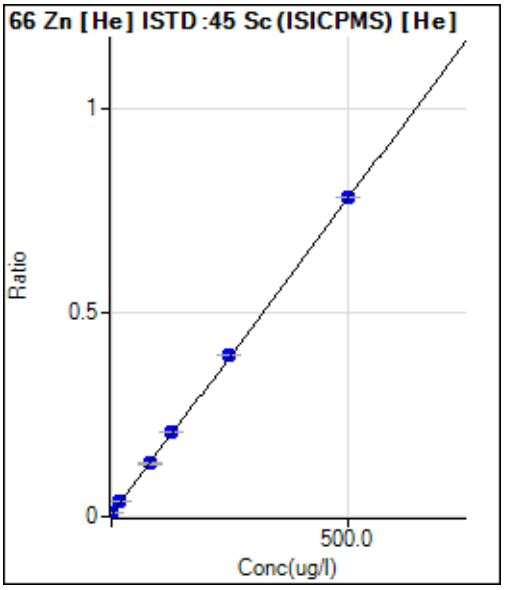
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	978.93	0.0163	P	6.9	
2	☐	4.000	3.919	4160.66	0.0689	P	0.7	-2.0
3	☐	20.000	20.233	17438.97	0.2881	P	0.5	1.2
4	☐	50.000	49.983	41363.62	0.6877	P	1.1	0.0
5	☐	100.000	100.955	83069.62	1.3724	P	1.5	1.0
6	☐	200.000	199.505	163804.89	2.6962	P	0.6	-0.2

y = 0.0134 * x + 0.0163
R = 1.0000
DL = 0.2507 ug/l
BEC = 1.214 ug/l

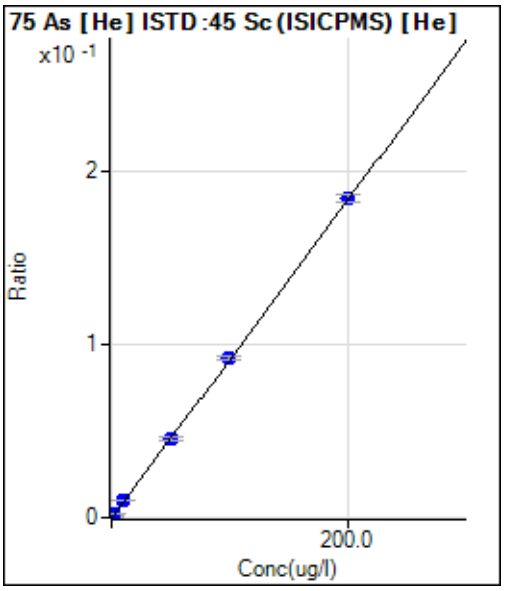
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	604.46	0.0101	P	3.8	
2	☐	16.000	16.759	2169.07	0.0359	P	1.8	4.7
3	☐	80.000	78.512	7947.90	0.1313	P	2.8	-1.9
4	☐	125.000	128.464	12535.80	0.2084	P	0.7	2.8
5	☐	250.000	249.165	23897.61	0.3948	P	0.6	-0.3
6	☐	500.000	499.765	47493.35	0.7817	P	0.2	0.0

y = 0.0015 * x + 0.0101
R = 1.0000
DL = 0.7355 ug/l
BEC = 6.518 ug/l

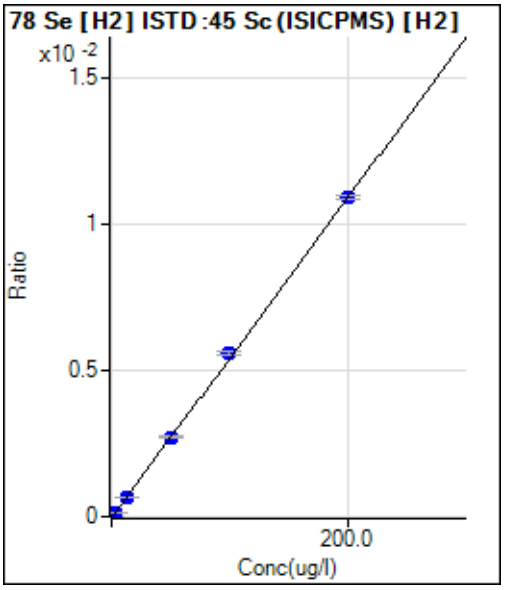
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	30.00	0.0005	P	30.4	
2	☐	2.000	1.920	136.67	0.0023	P	17.1	-4.0
3	☐	10.000	10.325	604.46	0.0100	P	3.1	3.2
4	☐	50.000	49.241	2751.41	0.0457	P	3.6	-1.5
5	☐	100.000	100.185	5601.19	0.0925	P	2.7	0.2
6	☐	200.000	200.082	11200.19	0.1843	P	2.5	0.0

y = 9.1874E-004 * x + 5.0029E-004
R = 1.0000
DL = 0.4959 ug/l
BEC = 0.5445 ug/l

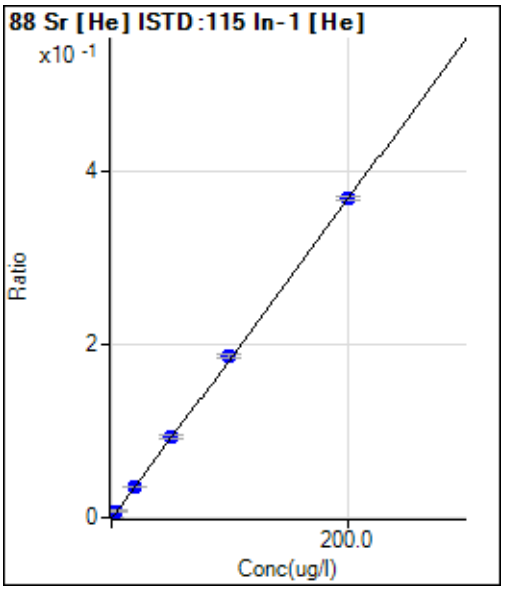
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	24.45	0.0000	P	28.2	
2	☐	2.500	2.222	222.23	0.0001	P	20.7	-11.1
3	☐	12.500	12.061	1094.50	0.0007	P	3.4	-3.5
4	☐	50.000	49.061	4369.62	0.0027	P	2.2	-1.9
5	☐	100.000	101.981	9093.10	0.0056	P	2.5	2.0
6	☐	200.000	199.275	17911.89	0.0109	P	1.5	-0.4

y = 5.4705E-005 * x + 1.5111E-005
R = 0.9999
DL = 0.2338 ug/l
BEC = 0.2762 ug/l

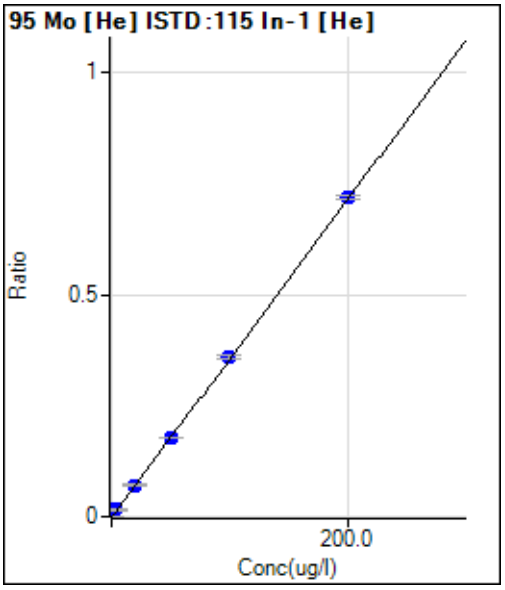
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Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	42.22	0.0004	P	24.3	
2	☐	4.000	3.925	762.25	0.0077	P	6.7	-1.9
3	☐	20.000	18.833	3560.50	0.0352	P	1.1	-5.8
4	☐	50.000	50.235	9116.49	0.0932	P	3.2	0.5
5	☐	100.000	101.174	18381.52	0.1872	P	1.9	1.2
6	☐	200.000	199.472	36286.81	0.3687	P	1.2	-0.3

y = 0.0018 * x + 4.2185E-004
R = 0.9999
DL = 0.1663 ug/l
BEC = 0.2285 ug/l

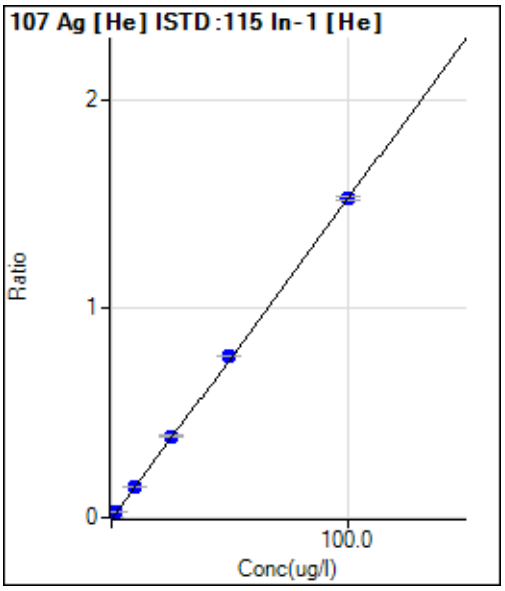
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	155.56	0.0016	P	5.0	
2	☐	4.000	3.976	1570.11	0.0158	P	9.4	-0.6
3	☐	20.000	19.313	7157.52	0.0707	P	4.3	-3.4
4	☐	50.000	49.354	17457.03	0.1783	P	1.0	-1.3
5	☐	100.000	99.902	35292.11	0.3594	P	1.8	-0.1
6	☐	200.000	200.280	70762.85	0.7189	P	1.4	0.1

y = 0.0036 * x + 0.0016
R = 1.0000
DL = 0.06538 ug/l
BEC = 0.4339 ug/l

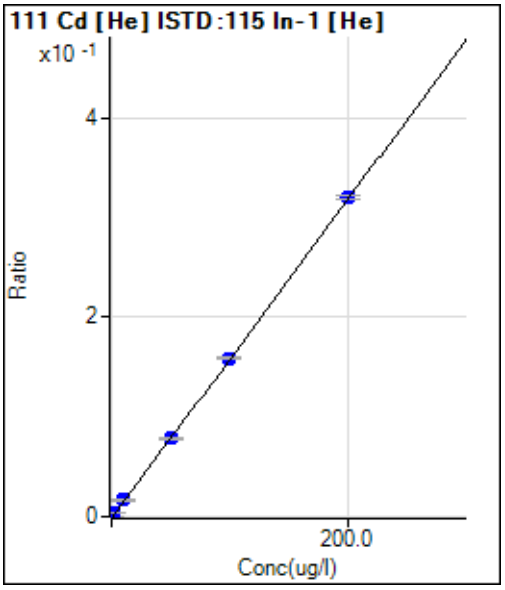
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	30.00	0.0003	P	11.0	
2	☐	2.000	1.946	2999.25	0.0302	P	7.9	-2.7
3	☐	10.000	9.645	15001.88	0.1483	P	0.9	-3.6
4	☐	25.000	25.394	38162.73	0.3899	P	0.9	1.6
5	☐	50.000	50.531	76166.68	0.7755	P	0.2	1.1
6	☐	100.000	99.672	150550.62	1.5295	P	1.0	-0.3

y = 0.0153 * x + 2.9966E-004
R = 1.0000
DL = 0.006442 ug/l
BEC = 0.01953 ug/l

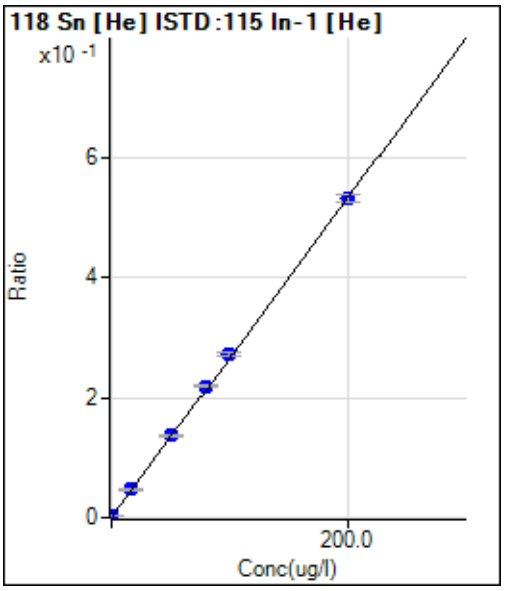
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Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	2.22	0.0000	P	173.	
2	☐	2.000	2.082	333.34	0.0034	P	14.1	4.1
3	☐	10.000	10.289	1666.79	0.0165	P	3.3	2.9
4	☐	50.000	49.295	7721.19	0.0789	P	2.0	-1.4
5	☐	100.000	99.549	15637.10	0.1592	P	1.8	-0.5
6	☐	200.000	200.387	31545.32	0.3205	P	1.6	0.2

y = 0.0016 * x + 2.2245E-005
R = 1.0000
DL = 0.07227 ug/l
BEC = 0.01391 ug/l

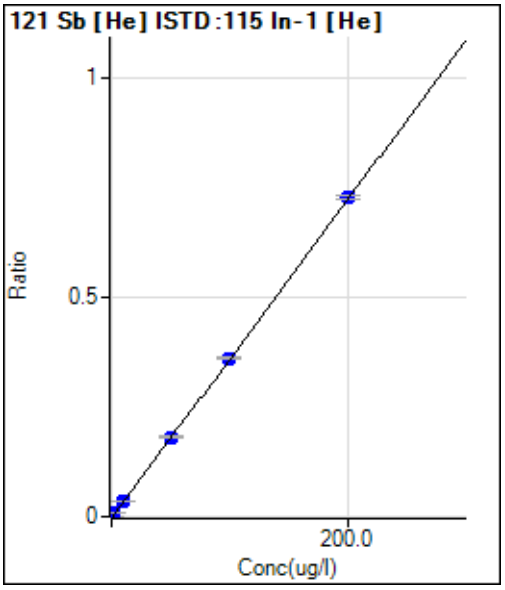
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Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	366.68	0.0037	P	10.4	
2	☐	16.000	16.462	4726.43	0.0475	P	4.1	2.9
3	☐	80.000	80.915	22184.31	0.2193	P	0.8	1.1
4	☐	50.000	50.207	13453.58	0.1374	P	1.3	0.4
5	☐	100.000	101.570	26933.22	0.2743	P	2.4	1.6
6	☐	200.000	198.760	52483.00	0.5333	P	2.1	-0.6

y = 0.0027 * x + 0.0037
R = 0.9999
DL = 0.4274 ug/l
BEC = 1.375 ug/l

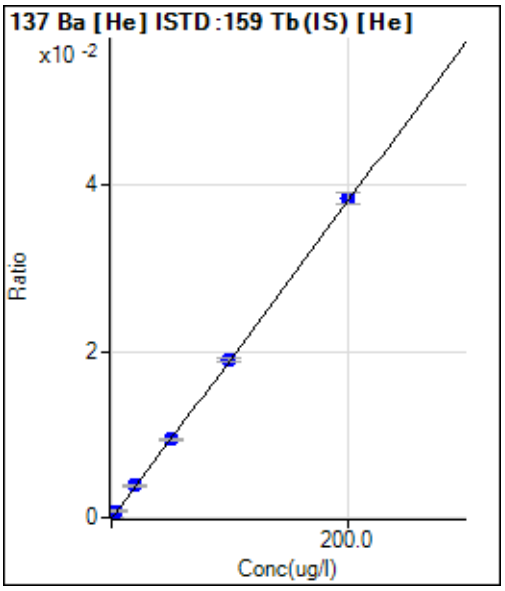
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	48.89	0.0005	P	17.2	
2	☐	2.000	1.901	736.69	0.0074	P	8.1	-4.9
3	☐	10.000	9.742	3634.97	0.0359	P	5.0	-2.6
4	☐	50.000	49.919	17828.79	0.1821	P	2.4	-0.2
5	☐	100.000	99.262	35517.76	0.3616	P	0.8	-0.7
6	☐	200.000	200.403	71809.67	0.7296	P	1.7	0.2

y = 0.0036 * x + 4.8840E-004
R = 1.0000
DL = 0.06908 ug/l
BEC = 0.1342 ug/l

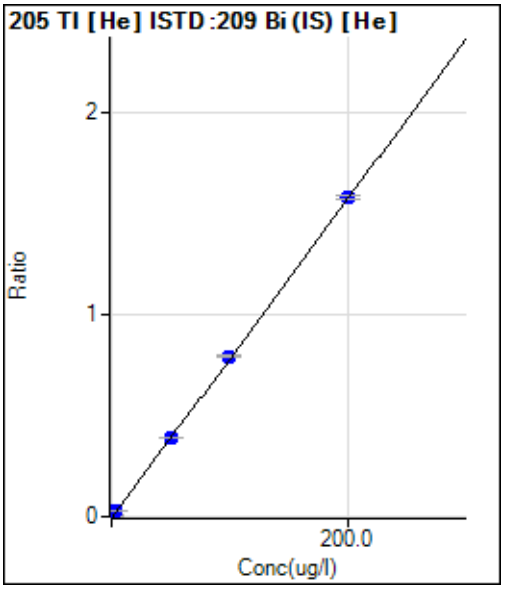
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	23.34	0.0000	P	24.9	
2	☐	4.000	3.972	485.57	0.0008	P	10.3	-0.7
3	☐	20.000	19.897	2355.79	0.0038	P	7.7	-0.5
4	☐	50.000	49.146	5662.38	0.0094	P	2.4	-1.7
5	☐	100.000	98.746	11423.97	0.0189	P	2.7	-1.3
6	☐	200.000	200.851	23248.53	0.0384	P	3.3	0.4

y = 1.9102E-004 * x + 3.8694E-005
R = 1.0000
DL = 0.1511 ug/l
BEC = 0.2026 ug/l

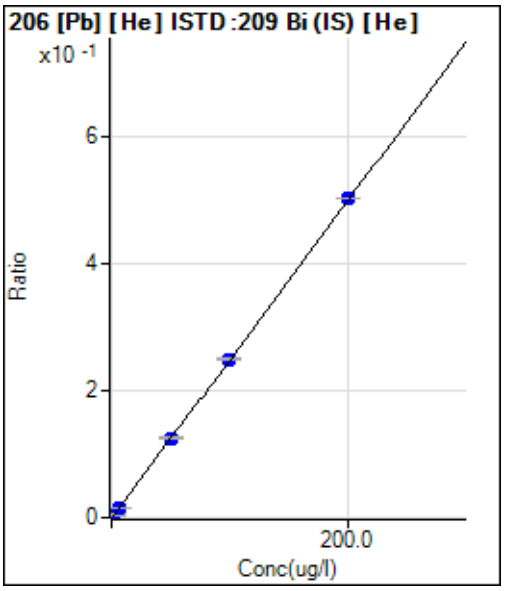
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	226.67	0.0004	P	3.6	
2	☐	0.800	0.758	3570.53	0.0064	P	2.4	-5.2
3	☐	4.000	3.841	17221.98	0.0307	P	2.3	-4.0
4	☐	50.000	49.195	211655.03	0.3889	P	1.2	-1.6
5	☐	100.000	100.420	430786.33	0.7935	P	0.6	0.4
6	☐	200.000	199.995	846575.23	1.5798	P	1.2	0.0

y = 0.0079 * x + 4.0587E-004
R = 1.0000
DL = 0.005516 ug/l
BEC = 0.05139 ug/l

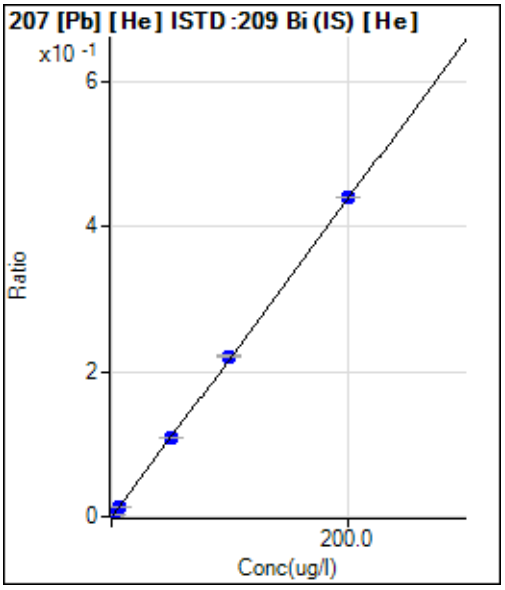
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	887.81	0.0016	P	4.9	
2	☐	1.200	1.258	2643.64	0.0047	P	8.1	4.8
3	☐	6.000	5.968	9249.05	0.0165	P	1.5	-0.5
4	☐	50.000	49.521	68222.24	0.1254	P	1.5	-1.0
5	☐	100.000	99.080	135305.57	0.2492	P	0.9	-0.9
6	☐	200.000	200.581	269467.39	0.5029	P	0.2	0.3

y = 0.0025 * x + 0.0016
R = 1.0000
DL = 0.09308 ug/l
BEC = 0.6361 ug/l

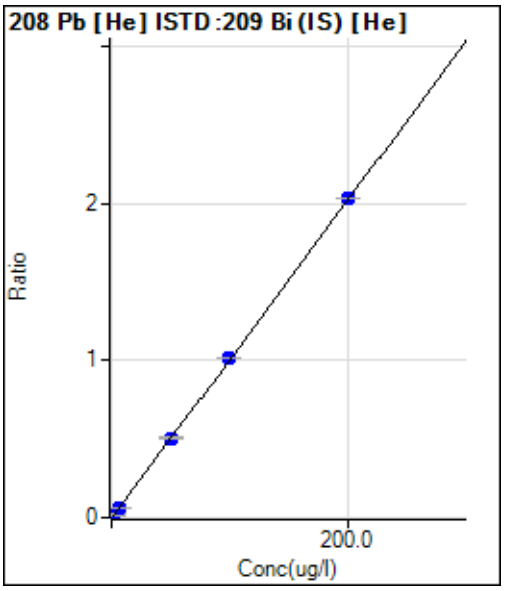
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	743.36	0.0013	P	6.0	
2	☐	1.200	1.141	2142.42	0.0038	P	4.6	-4.9
3	☐	6.000	5.845	7937.03	0.0142	P	0.5	-2.6
4	☐	50.000	49.321	59668.90	0.1096	P	0.4	-1.4
5	☐	100.000	100.112	120079.85	0.2212	P	0.5	0.1
6	☐	200.000	200.119	236184.87	0.4408	P	0.5	0.1

y = 0.0022 * x + 0.0013
R = 1.0000
DL = 0.1097 ug/l
BEC = 0.6062 ug/l

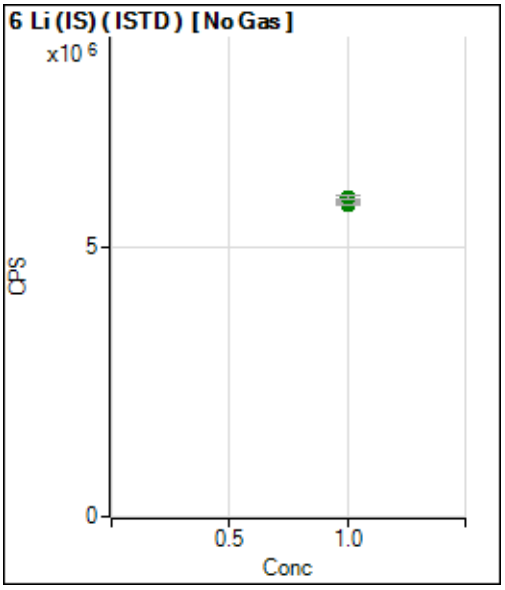
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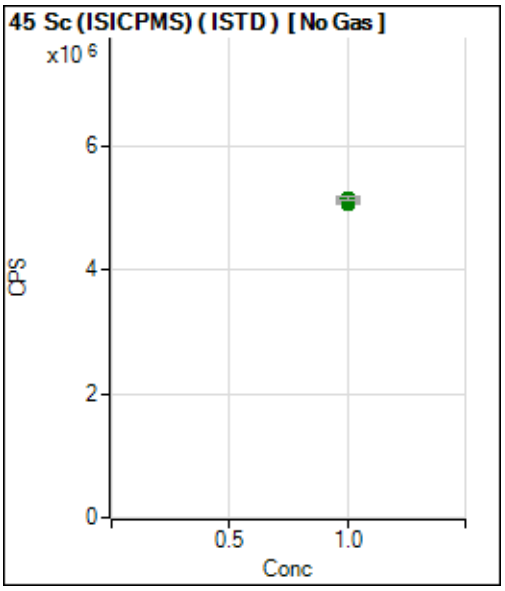
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	3526.89	0.0063	P	1.5	
2	☐	1.200	1.190	10251.76	0.0184	P	2.2	-0.8
3	☐	6.000	5.922	37098.71	0.0662	P	0.3	-1.3
4	☐	50.000	49.485	275838.23	0.5068	P	1.0	-1.0
5	☐	100.000	99.922	552144.26	1.0170	P	0.4	-0.1
6	☐	200.000	200.170	1088283.20	2.0309	P	0.5	0.1

y = 0.0101 * x + 0.0063
R = 1.0000
DL = 0.02869 ug/l
BEC = 0.6244 ug/l

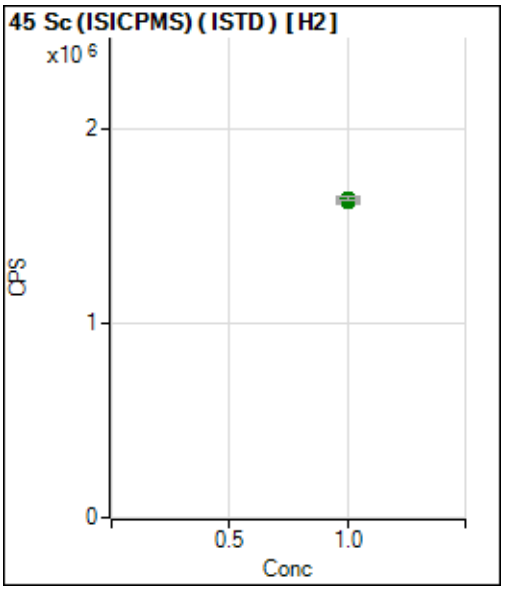
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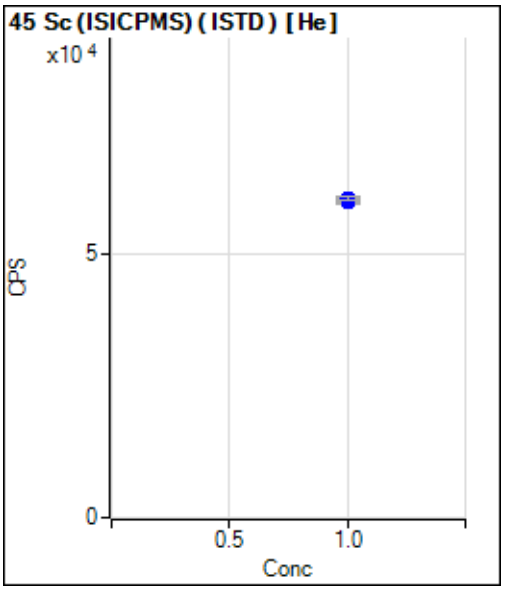
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		5813182.48		A	0.2	
2	☐	1.000		5892378.94		A	0.3	
3	☐	1.000		5850160.61		A	0.8	
4	☐	1.000		5778217.48		A	0.1	
5	☐	1.000		5801451.79		A	0.5	
6	☐	1.000		5933240.89		A	0.8	



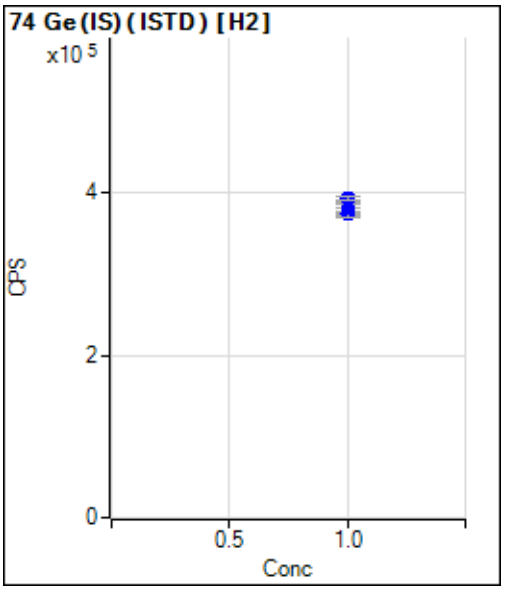
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		5122138.78		A	1.1	
2	☐	1.000		5148065.23		A	0.2	
3	☐	1.000		5147301.80		A	0.5	
4	☐	1.000		5073011.73		A	0.2	
5	☐	1.000		5132388.36		A	1.2	
6	☐	1.000		5159089.19		A	1.6	



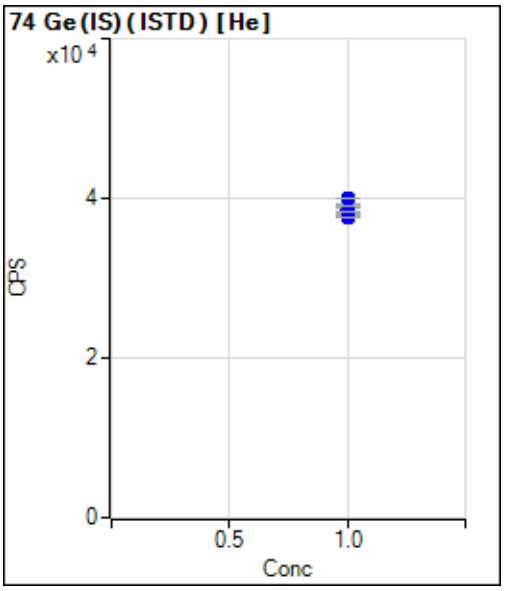
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		1617107.93		A	0.3	
2	☐	1.000		1627487.84		A	1.1	
3	☐	1.000		1621995.57		A	1.1	
4	☐	1.000		1619038.55		A	0.3	
5	☐	1.000		1625692.98		A	0.7	
6	☐	1.000		1640990.51		A	1.1	



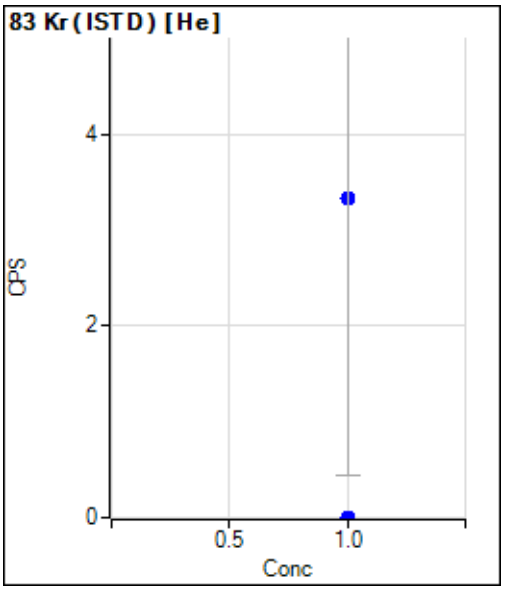
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		60074.25		P	0.9	
2	☐	1.000		60348.94		P	0.4	
3	☐	1.000		60536.33		P	0.5	
4	☐	1.000		60149.05		P	0.4	
5	☐	1.000		60536.25		P	1.1	
6	☐	1.000		60756.18		P	0.9	



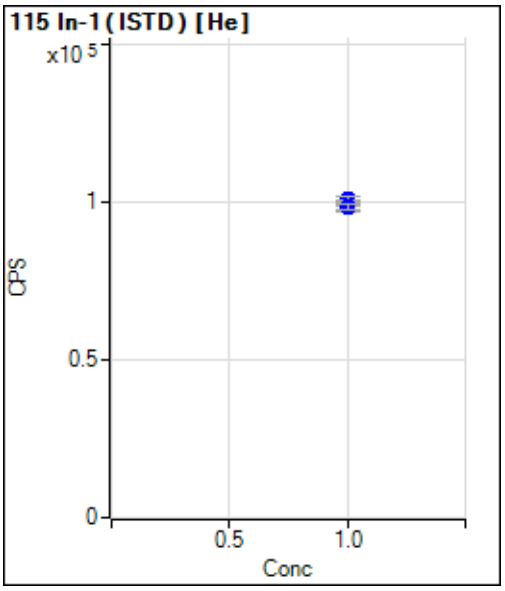
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		373835.36		P	1.2	
2	☐	1.000		375137.67		P	0.9	
3	☐	1.000		373593.97		P	1.7	
4	☐	1.000		381282.85		P	0.4	
5	☐	1.000		387017.88		P	0.9	
6	☐	1.000		393399.37		P	1.0	



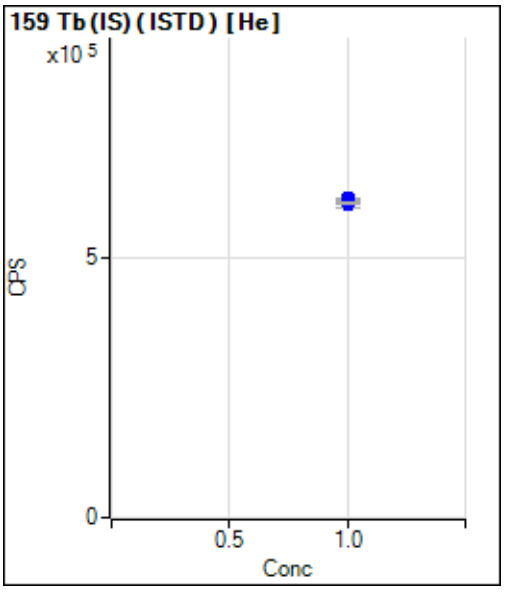
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		38261.65		P	0.4	
2	☐	1.000		37912.84		P	0.6	
3	☐	1.000		37713.38		P	0.3	
4	☐	1.000		38605.87		P	1.5	
5	☐	1.000		39255.57		P	0.5	
6	☐	1.000		40067.90		P	0.4	



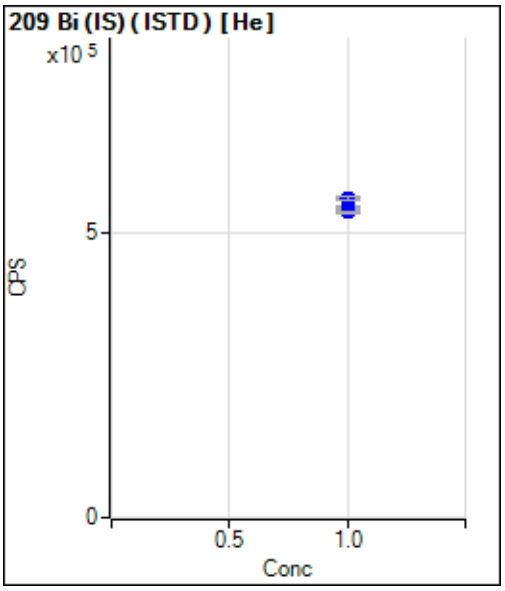
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		0.00		P		
2	☐	1.000		0.00		P		
3	☐	1.000		3.34		P	173.	
4	☐	1.000		3.34		P	173.	
5	☐	1.000		3.34		P	173.	
6	☐	1.000		0.00		P		



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		100103.74		P	0.1	
2	☐	1.000		99462.06		P	0.9	
3	☐	1.000		101176.36		P	0.9	
4	☐	1.000		97889.19		P	1.5	
5	☐	1.000		98212.28		P	1.4	
6	☐	1.000		98443.78		P	2.0	



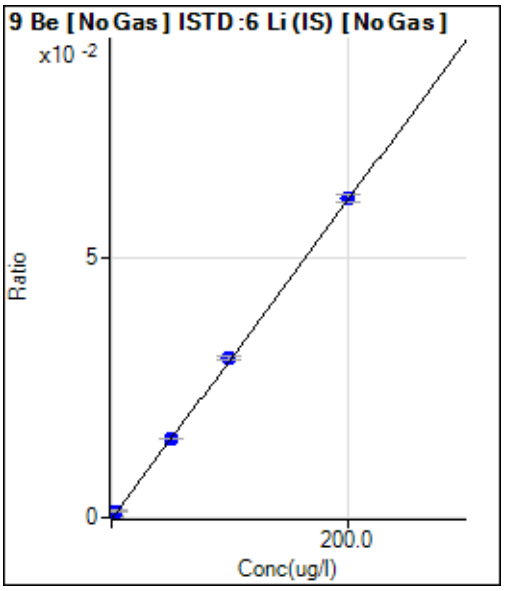
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		603271.42		P	0.3	
2	☐	1.000		608529.54		P	1.0	
3	☐	1.000		613699.73		P	0.5	
4	☐	1.000		600815.59		P	1.5	
5	☐	1.000		604471.13		P	1.0	
6	☐	1.000		605419.37		P	0.9	



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		558438.47		P	0.4	
2	☐	1.000		558461.47		P	0.6	
3	☐	1.000		560325.03		P	1.6	
4	☐	1.000		544256.95		P	0.9	
5	☐	1.000		542924.19		P	0.6	
6	☐	1.000		535847.16		P	0.8	

Batch Folder: D:\Agilent\ICPMH\1\DATA\NM050824A.b\
Analysis File: NM050824A.batch.bin
DA Date-Time: 2024-05-08 13:45:18
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

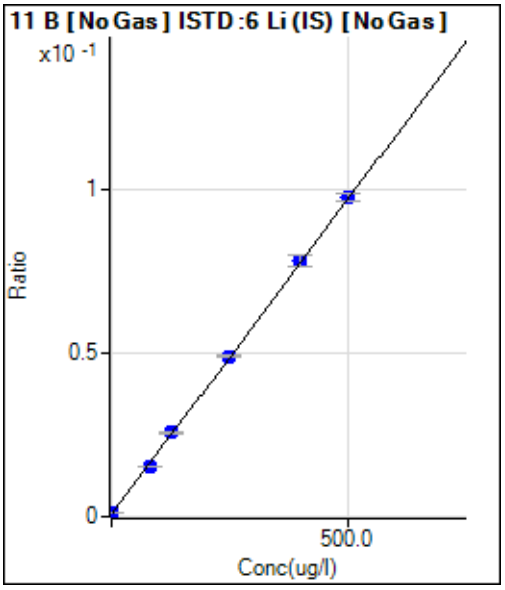
Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	IC CAL-Blk	2024-05-08 10:09:28
2	005CALS.d	IC CAL1	2024-05-08 10:12:15
3	006CALS.d	IC CAL2	2024-05-08 10:14:50
4	007CALS.d	IC CAL3	2024-05-08 10:17:26
5	008CALS.d	IC CAL4	2024-05-08 10:20:01
6	009CALS.d	IC CAL5	2024-05-08 10:22:36



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	62.22	0.0000	P	21.5	
2	☐	0.800	0.725	1611.22	0.0002	P	2.9	-9.4
3	☐	4.000	4.125	8763.85	0.0013	P	4.0	3.1
4	☐	50.000	49.381	103085.50	0.0152	P	1.6	-1.2
5	☐	100.000	99.896	205881.81	0.0307	P	2.1	-0.1
6	☐	200.000	200.204	406270.07	0.0615	P	2.2	0.1

y = 3.0723E-004 * x + 9.1243E-006
R = 1.0000
DL = 0.01913 ug/l
BEC = 0.0297 ug/l

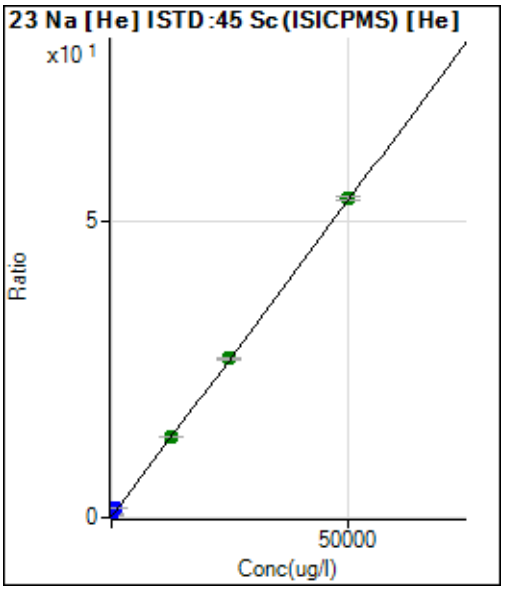
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	8528.15	0.0013	P	0.7	
2	☐	80.000	73.413	107228.96	0.0154	P	0.6	-8.2
3	☐	400.000	400.928	539988.83	0.0787	P	4.7	0.2
4	☐	125.000	126.635	174523.02	0.0257	P	1.6	1.3
5	☐	250.000	248.273	329861.84	0.0492	P	1.1	-0.7
6	☐	500.000	500.766	646774.53	0.0979	P	2.1	0.2

y = 1.9307E-004 * x + 0.0013
R = 0.9999
DL = 0.1403 ug/l
BEC = 6.479 ug/l

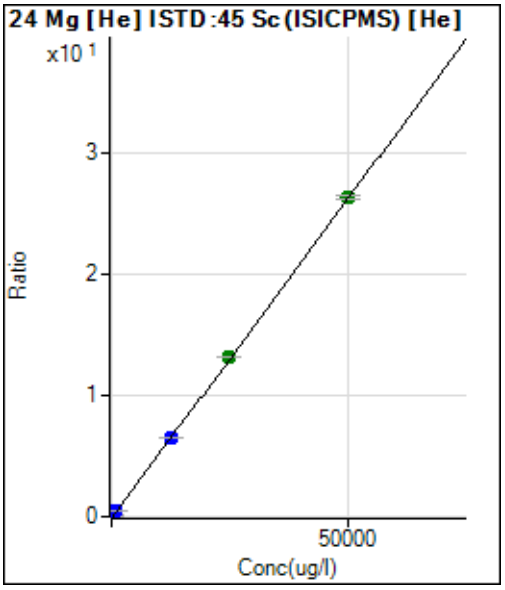
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	29351.72	0.4049	P	0.6	
2	☐	200.000	190.284	44215.89	0.6080	P	1.8	-4.9
3	☐	1000.000	1020.008	107334.25	1.4937	P	0.6	2.0
4	☐	12500.00	12326.96	952225.64	13.563	A	0.8	-1.4
5	☐	25000.00	24798.11	1878820.84	26.875	A	0.7	-0.8
6	☐	50000.00	50143.84	3657485.88	53.931	A	1.0	0.3

y = 0.0011 * x + 0.4049
R = 1.0000
DL = 6.392 ug/l
BEC = 379.3 ug/l

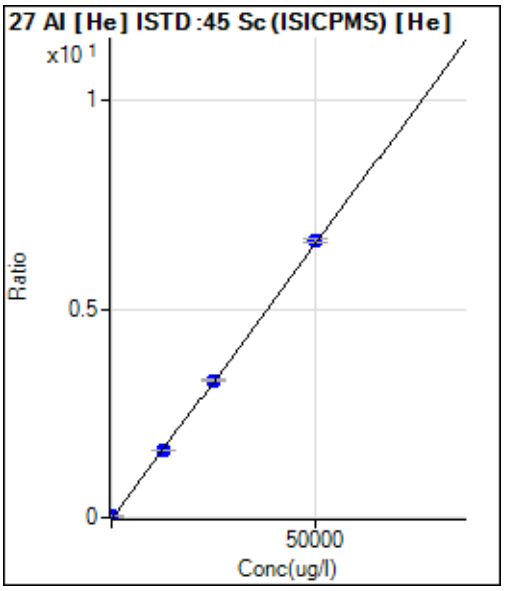
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	246.67	0.0034	P	10.8	
2	☐	200.000	190.914	7548.75	0.1038	P	0.3	-4.5
3	☐	1000.000	1009.396	38384.66	0.5341	P	0.3	0.9
4	☐	12500.00	12408.61	458275.46	6.5278	P	0.1	-0.7
5	☐	25000.00	25034.86	920462.83	13.166	A	0.4	0.1
6	☐	50000.00	50005.26	1783336.24	26.296	A	1.0	0.0

y = 5.2580E-004 * x + 0.0034
R = 1.0000
DL = 2.095 ug/l
BEC = 6.476 ug/l

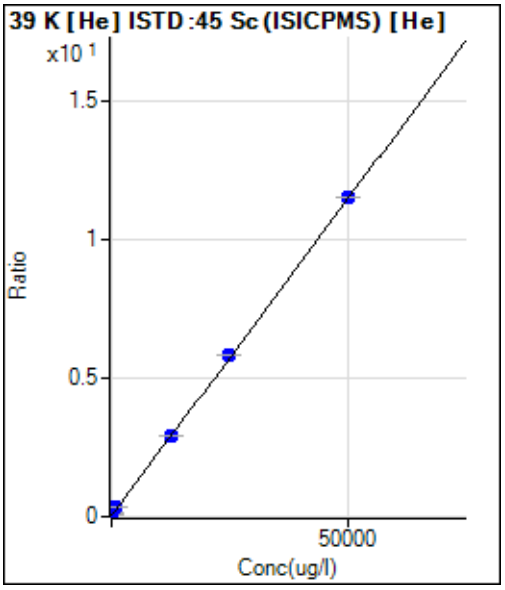
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	84.44	0.0012	P	17.6	
2	☐	40.000	40.281	473.34	0.0065	P	9.8	0.7
3	☐	200.000	201.611	2004.60	0.0279	P	1.7	0.8
4	☐	12500.00	12190.29	113556.14	1.6175	P	1.4	-2.5
5	☐	25000.00	24888.83	230778.90	3.3011	P	0.3	-0.4
6	☐	50000.00	50133.00	450871.49	6.6482	P	1.0	0.3

y = 1.3259E-004 * x + 0.0012
R = 1.0000
DL = 4.647 ug/l
BEC = 8.778 ug/l

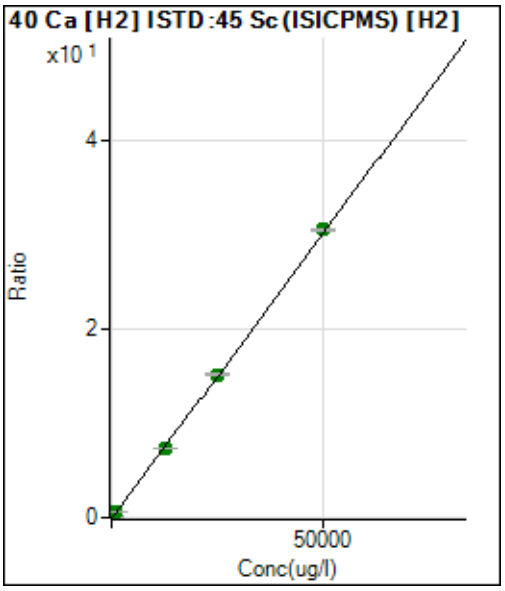
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	6523.81	0.0900	P	2.8	
2	☐	200.000	213.719	10104.84	0.1389	P	1.0	6.9
3	☐	1000.000	1031.676	23443.05	0.3262	P	0.9	3.2
4	☐	12500.00	12316.24	204311.64	2.9103	P	0.5	-1.5
5	☐	25000.00	25084.01	407846.31	5.8340	P	0.3	0.3
6	☐	50000.00	50003.24	782659.07	11.540	P	0.5	0.0

y = 2.2899E-004 * x + 0.0900
R = 1.0000
DL = 32.87 ug/l
BEC = 392.9 ug/l

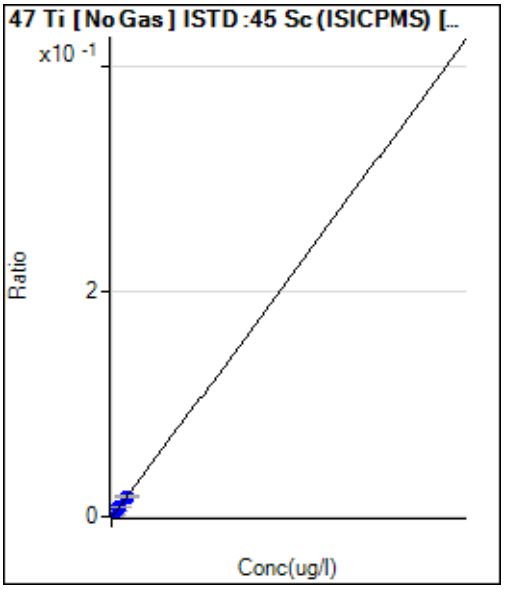
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	84773.29	0.0432	P	1.3	
2	☐	200.000	193.247	316927.83	0.1605	P	0.9	-3.4
3	☐	1000.000	1004.833	1284283.07	0.6529	A	1.3	0.5
4	☐	12500.00	12056.75	14273044.09	7.3588	A	1.6	-3.5
5	☐	25000.00	24849.21	28760777.35	15.120	A	1.4	-0.6
6	☐	50000.00	50186.13	57076538.04	30.494	A	0.3	0.4

y = 6.0676E-004 * x + 0.0432
R = 0.9999
DL = 2.885 ug/l
BEC = 71.27 ug/l

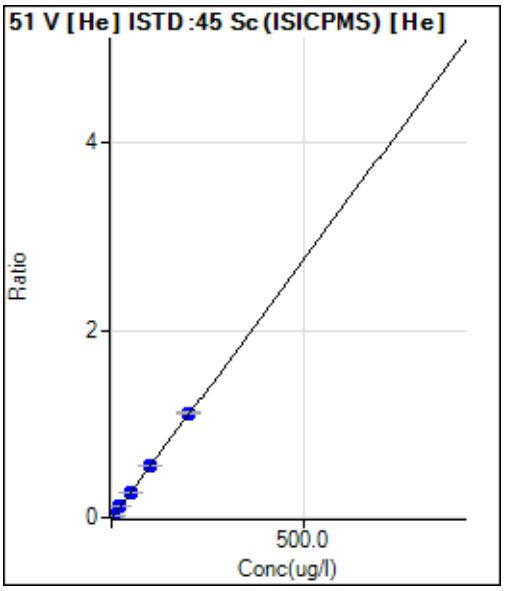
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Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	2468.02	0.0004	P	1.2	
2	☐	4.000	3.932	4803.09	0.0007	P	2.0	-1.7
3	☐	20.000	20.605	14428.76	0.0022	P	4.8	3.0
4	☐	50.000	48.941	30637.45	0.0047	P	1.7	-2.1
5	☐	100.000	98.775	58335.03	0.0090	P	0.8	-1.2
6	☐	200.000	200.818	114081.32	0.0179	P	1.8	0.4

y = 8.7382E-005 * x + 3.7530E-004
R = 0.9999
DL = 0.1504 ug/l
BEC = 4.295 ug/l

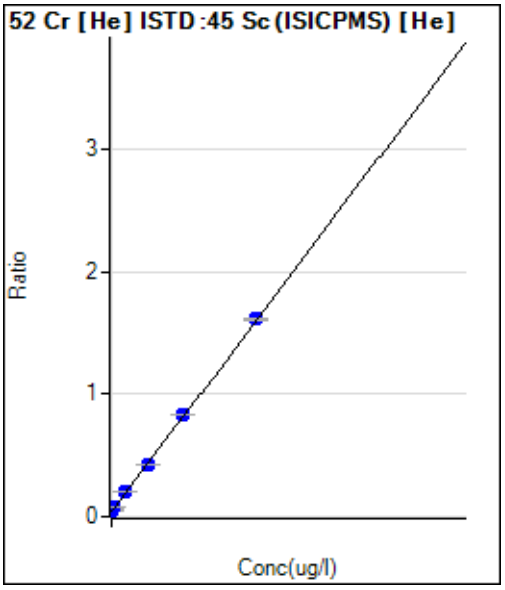
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	542.24	0.0075	P	3.8	
2	☐	4.000	3.818	2079.06	0.0286	P	4.6	-4.5
3	☐	20.000	20.285	8591.63	0.1196	P	2.0	1.4
4	☐	50.000	48.334	19274.62	0.2746	P	0.8	-3.3
5	☐	100.000	99.053	38786.56	0.5548	P	1.0	-0.9
6	☐	200.000	200.865	75778.23	1.1174	P	1.7	0.4

y = 0.0055 * x + 0.0075
R = 0.9999
DL = 0.1563 ug/l
BEC = 1.353 ug/l

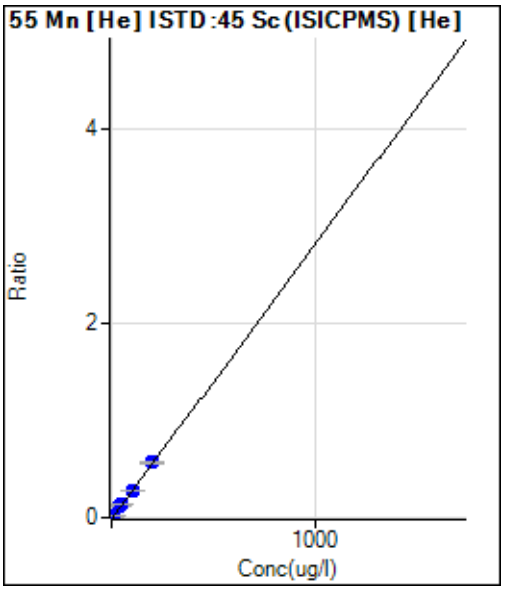
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Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	3925.03	0.0541	P	3.6	
2	☐	4.000	3.259	5783.47	0.0795	P	0.6	-18.5
3	☐	20.000	20.087	15128.37	0.2105	P	1.2	0.4
4	☐	50.000	48.270	30184.28	0.4300	P	0.2	-3.5
5	☐	100.000	99.667	58033.00	0.8301	P	0.8	-0.3
6	☐	200.000	200.605	109593.19	1.6160	P	0.5	0.3

y = 0.0078 * x + 0.0541
R = 1.0000
DL = 0.7576 ug/l
BEC = 6.954 ug/l

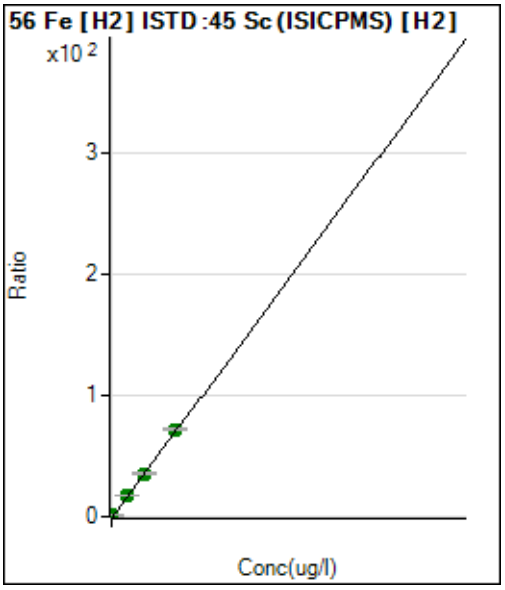
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	75.56	0.0010	P	45.8	
2	☐	8.000	7.717	1669.01	0.0229	P	5.1	-3.5
3	☐	40.000	39.403	8110.23	0.1129	P	0.7	-1.5
4	☐	50.000	49.424	9918.07	0.1413	P	2.0	-1.2
5	☐	100.000	99.095	19730.95	0.2822	P	1.4	-0.9
6	☐	200.000	200.727	38696.64	0.5706	P	2.8	0.4

y = 0.0028 * x + 0.0010
R = 1.0000
DL = 0.5058 ug/l
BEC = 0.3685 ug/l

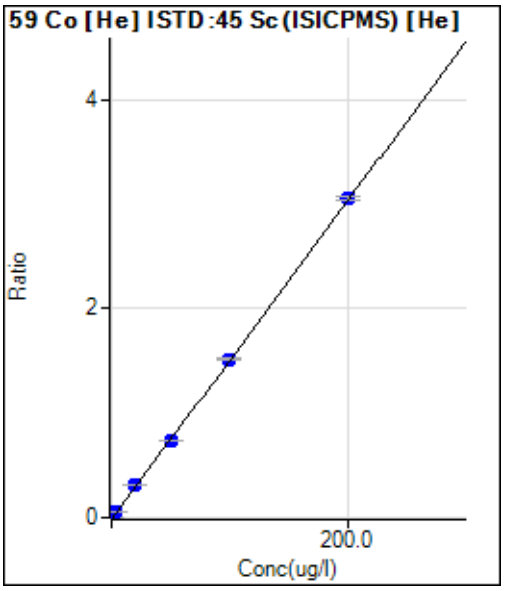
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	42184.60	0.0215	P	1.1	
2	☐	120.000	115.358	368832.42	0.1868	P	0.4	-3.9
3	☐	600.000	597.518	1726098.32	0.8775	A	1.1	-0.4
4	☐	12500.00	12139.66	33774295.89	17.413	A	1.6	-2.9
5	☐	25000.00	24840.90	67731428.44	35.609	A	1.8	-0.6
6	☐	50000.00	50169.67	134567966.8	71.895	A	0.9	0.3

y = 0.0014 * x + 0.0215
R = 1.0000
DL = 0.4916 ug/l
BEC = 15.02 ug/l

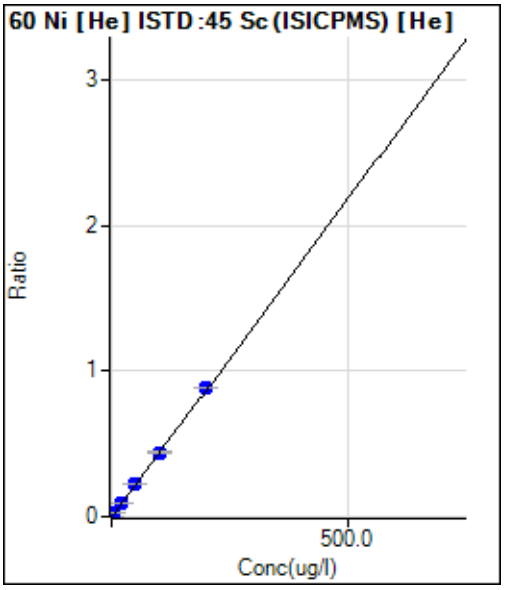
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	52.22	0.0007	P	23.0	
2	☐	4.000	3.717	4168.45	0.0573	P	3.4	-7.1
3	☐	20.000	20.404	22380.60	0.3115	P	1.1	2.0
4	☐	50.000	48.498	51899.36	0.7393	P	1.4	-3.0
5	☐	100.000	99.549	106034.09	1.5168	P	0.8	-0.5
6	☐	200.000	200.566	207195.79	3.0552	P	0.7	0.3

y = 0.0152 * x + 7.1916E-004
R = 1.0000
DL = 0.03259 ug/l
BEC = 0.04722 ug/l

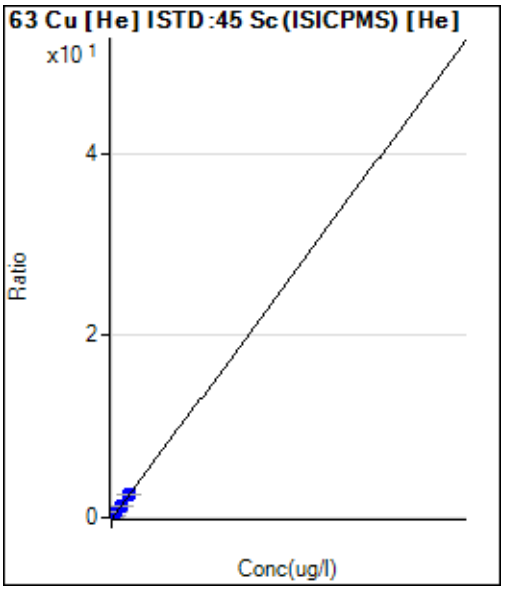
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Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	336.67	0.0046	P	9.0	
2	☐	4.000	3.818	1558.99	0.0214	P	0.7	-4.6
3	☐	20.000	20.035	6665.00	0.0927	P	2.3	0.2
4	☐	50.000	49.561	15625.61	0.2226	P	3.6	-0.9
5	☐	100.000	99.322	30858.18	0.4414	P	1.3	-0.7
6	☐	200.000	200.449	60092.09	0.8861	P	0.7	0.2

y = 0.0044 * x + 0.0046
R = 1.0000
DL = 0.2866 ug/l
BEC = 1.057 ug/l

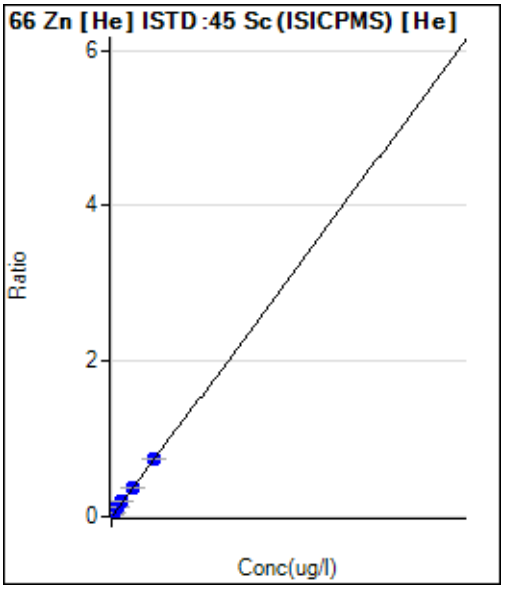
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1235.62	0.0170	P	5.1	
2	☐	4.000	3.789	4800.88	0.0660	P	4.0	-5.3
3	☐	20.000	20.460	20226.18	0.2815	P	1.1	2.3
4	☐	50.000	49.482	46088.74	0.6566	P	1.8	-1.0
5	☐	100.000	100.001	91544.76	1.3095	P	1.1	0.0
6	☐	200.000	200.087	176530.41	2.6030	P	0.8	0.0

y = 0.0129 * x + 0.0170
R = 1.0000
DL = 0.203 ug/l
BEC = 1.319 ug/l

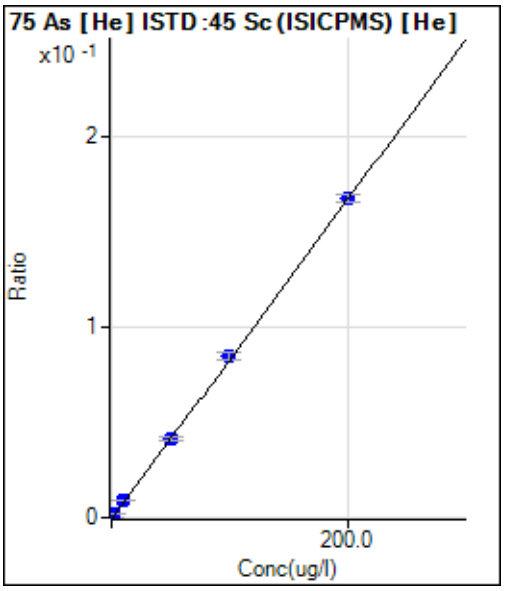
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1162.28	0.0160	P	7.2	
2	☐	16.000	15.304	2772.53	0.0381	P	4.2	-4.4
3	☐	80.000	80.722	9525.61	0.1326	P	0.8	0.9
4	☐	125.000	122.837	13573.45	0.1934	P	1.8	-1.7
5	☐	250.000	243.003	25644.08	0.3668	P	0.6	-2.8
6	☐	500.000	503.946	50421.55	0.7435	P	1.0	0.8

y = 0.0014 * x + 0.0160
R = 0.9998
DL = 2.412 ug/l
BEC = 11.11 ug/l

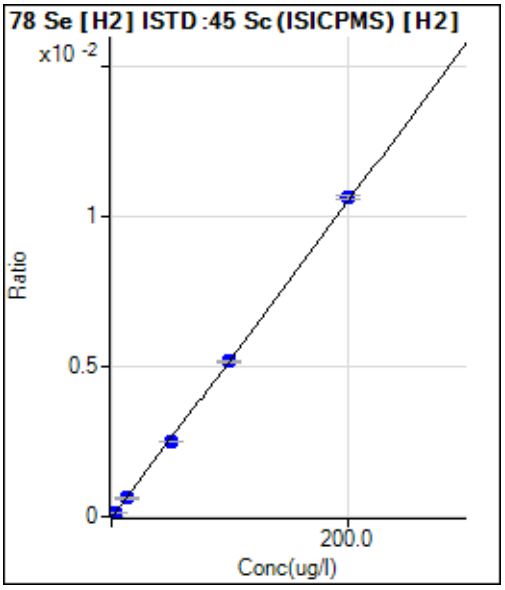
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Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	6.67	0.0001	P	50.8	
2	☐	2.000	2.007	128.89	0.0018	P	23.0	0.3
3	☐	10.000	10.508	640.02	0.0089	P	4.1	5.1
4	☐	50.000	49.148	2900.33	0.0413	P	3.2	-1.7
5	☐	100.000	101.185	5938.00	0.0849	P	4.8	1.2
6	☐	200.000	199.595	11358.13	0.1675	P	1.8	-0.2

y = 8.3863E-004 * x + 9.2277E-005
R = 1.0000
DL = 0.1676 ug/l
BEC = 0.11 ug/l

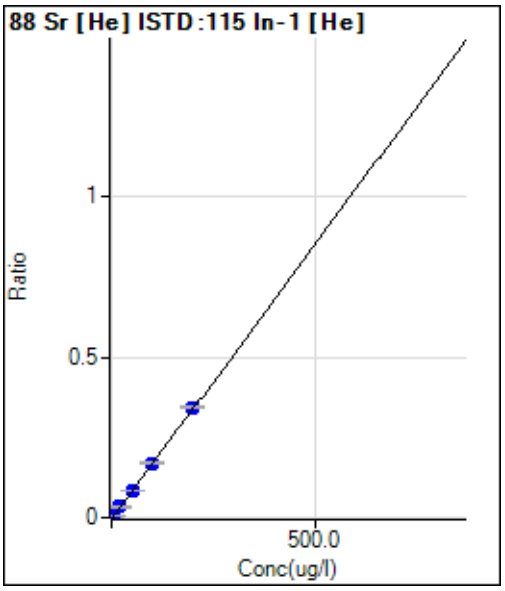
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Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	18.89	0.0000	P	20.4	
2	☐	2.500	2.255	253.34	0.0001	P	8.6	-9.8
3	☐	12.500	11.491	1208.95	0.0006	P	7.9	-8.1
4	☐	50.000	47.265	4843.12	0.0025	P	1.7	-5.5
5	☐	100.000	97.954	9823.62	0.0052	P	0.8	-2.0
6	☐	200.000	201.773	19892.43	0.0106	P	1.0	0.9

y = 5.2624E-005 * x + 9.6377E-006
R = 0.9998
DL = 0.1123 ug/l
BEC = 0.1831 ug/l

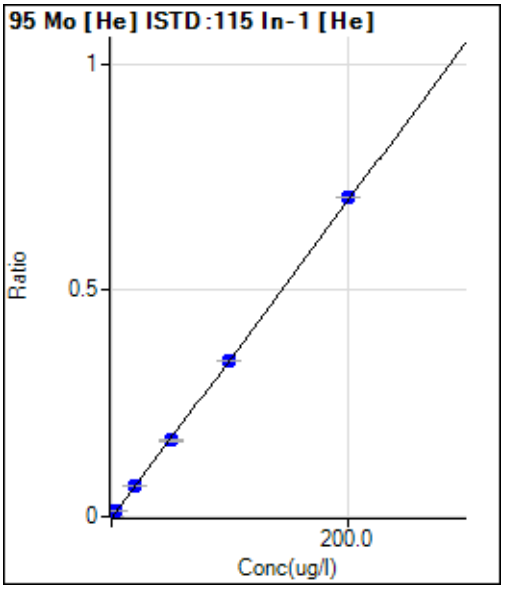
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	43.34	0.0004	P	13.5	
2	☐	4.000	3.959	833.37	0.0072	P	11.8	-1.0
3	☐	20.000	19.435	3880.58	0.0337	P	4.6	-2.8
4	☐	50.000	48.488	9450.06	0.0834	P	3.2	-3.0
5	☐	100.000	99.233	19056.90	0.1704	P	0.6	-0.8
6	☐	200.000	200.819	37638.25	0.3444	P	0.8	0.4

y = 0.0017 * x + 3.7000E-004
R = 1.0000
DL = 0.08732 ug/l
BEC = 0.216 ug/l

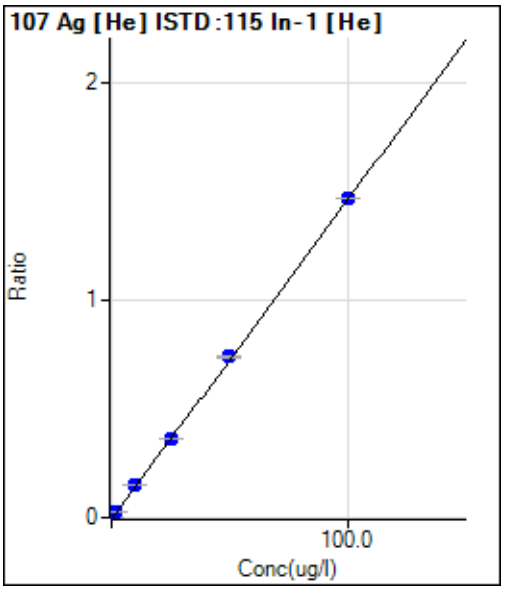
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	52.22	0.0004	P	41.7	
2	☐	4.000	3.612	1525.65	0.0131	P	4.4	-9.7
3	☐	20.000	19.670	8001.33	0.0694	P	1.0	-1.6
4	☐	50.000	47.877	19063.68	0.1683	P	1.5	-4.2
5	☐	100.000	98.528	38690.51	0.3459	P	0.4	-1.5
6	☐	200.000	201.308	77179.43	0.7062	P	0.5	0.7

y = 0.0035 * x + 4.4645E-004
R = 0.9999
DL = 0.1595 ug/l
BEC = 0.1273 ug/l

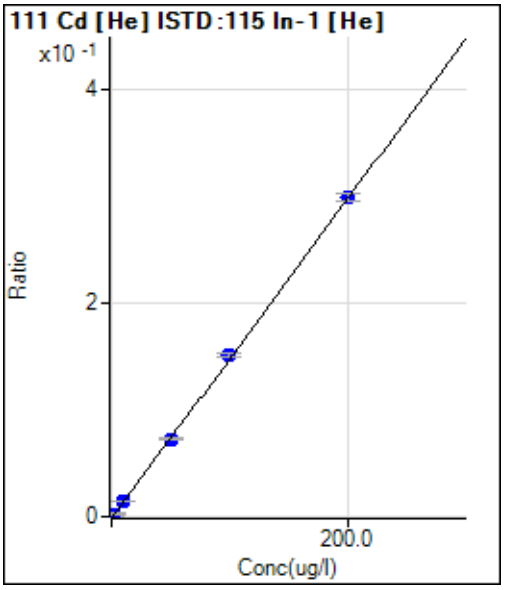
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	16.67	0.0001	P	51.9	
2	☐	2.000	1.938	3338.22	0.0287	P	2.1	-3.1
3	☐	10.000	10.219	17363.72	0.1506	P	0.5	2.2
4	☐	25.000	24.517	40913.16	0.3612	P	0.8	-1.9
5	☐	50.000	50.328	82914.24	0.7412	P	0.8	0.7
6	☐	100.000	99.936	160846.84	1.4717	P	0.4	-0.1

y = 0.0147 * x + 1.4175E-004
R = 1.0000
DL = 0.01498 ug/l
BEC = 0.009626 ug/l

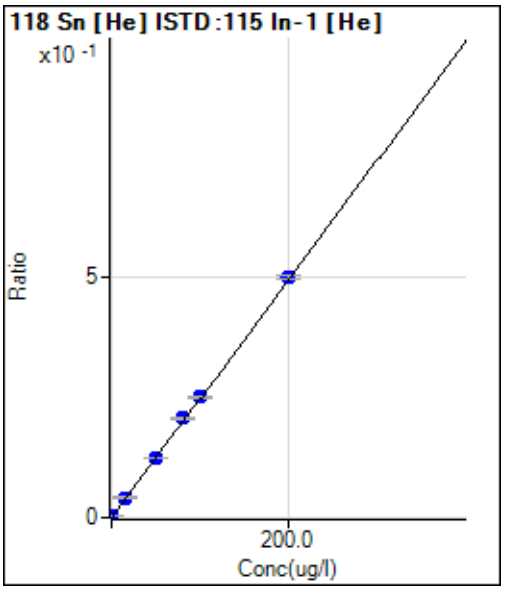
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1.11	0.0000	P	173.	
2	☐	2.000	1.782	311.12	0.0027	P	2.6	-10.9
3	☐	10.000	9.857	1699.01	0.0147	P	4.2	-1.4
4	☐	50.000	48.621	8229.28	0.0727	P	4.0	-2.8
5	☐	100.000	101.129	16903.09	0.1511	P	1.3	1.1
6	☐	200.000	199.790	32624.64	0.2985	P	2.2	-0.1

y = 0.0015 * x + 9.5912E-006
R = 0.9999
DL = 0.03335 ug/l
BEC = 0.006419 ug/l

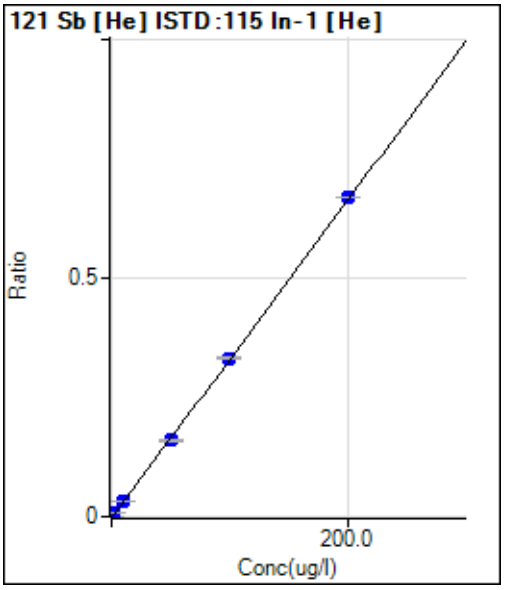
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Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	396.68	0.0034	P	12.6	
2	☐	16.000	15.359	4827.59	0.0415	P	5.0	-4.0
3	☐	80.000	81.972	23828.30	0.2067	P	1.2	2.5
4	☐	50.000	48.691	14065.35	0.1242	P	0.7	-2.6
5	☐	100.000	99.927	28105.61	0.2512	P	1.9	-0.1
6	☐	200.000	199.626	54481.26	0.4985	P	1.9	-0.2

y = 0.0025 * x + 0.0034
R = 0.9999
DL = 0.5174 ug/l
BEC = 1.366 ug/l

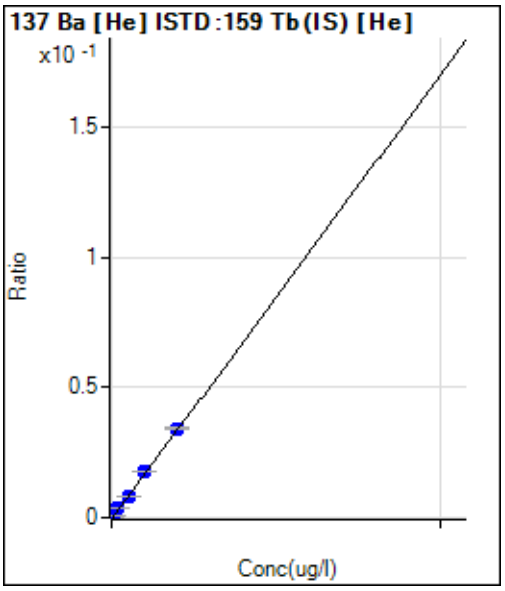
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Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	74.44	0.0006	P	48.1	
2	☐	2.000	1.737	746.69	0.0064	P	5.4	-13.2
3	☐	10.000	9.561	3740.56	0.0324	P	1.2	-4.4
4	☐	50.000	47.729	18061.28	0.1594	P	1.6	-4.5
5	☐	100.000	99.672	37170.18	0.3323	P	0.1	-0.3
6	☐	200.000	200.756	73073.92	0.6686	P	0.6	0.4

y = 0.0033 * x + 6.3354E-004
R = 0.9999
DL = 0.2745 ug/l
BEC = 0.1904 ug/l

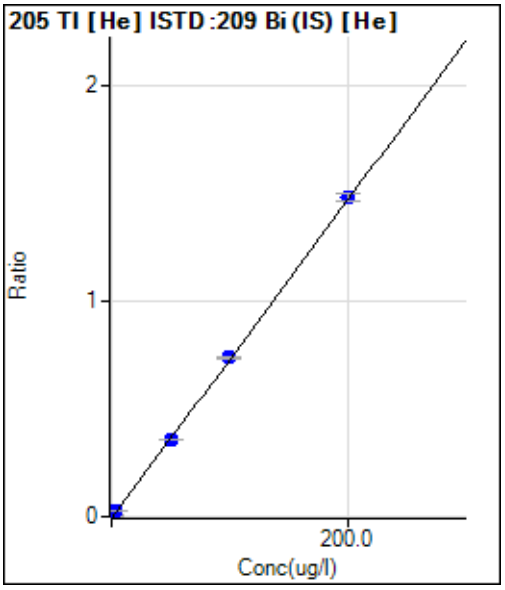
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Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	16.67	0.0000	P	53.1	
2	☐	4.000	3.752	474.46	0.0007	P	4.2	-6.2
3	☐	20.000	20.557	2486.92	0.0036	P	3.8	2.8
4	☐	50.000	48.499	5780.20	0.0084	P	2.0	-3.0
5	☐	100.000	102.635	12072.33	0.0176	P	0.8	2.6
6	☐	200.000	199.007	23399.98	0.0342	P	1.9	-0.5

y = 1.7169E-004 * x + 2.3508E-005
R = 0.9998
DL = 0.2183 ug/l
BEC = 0.1369 ug/l

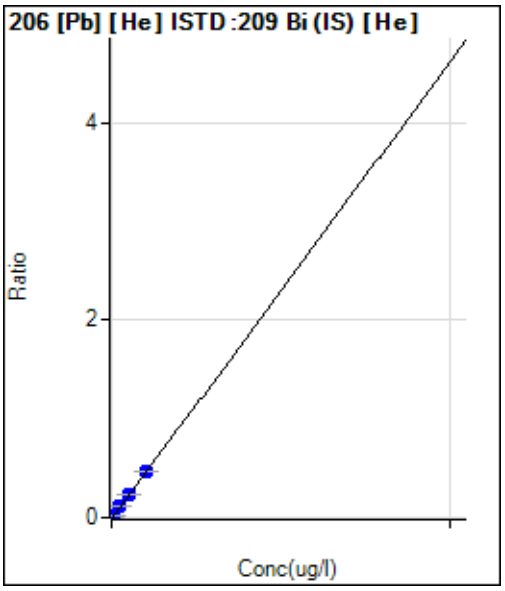
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Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	100.00	0.0002	P	24.5	
2	☐	0.800	0.753	3627.22	0.0057	P	0.7	-5.9
3	☐	4.000	3.988	18689.68	0.0296	P	0.4	-0.3
4	☐	50.000	48.050	219173.99	0.3552	P	1.2	-3.9
5	☐	100.000	99.754	446868.60	0.7373	P	0.5	-0.2
6	☐	200.000	200.611	879717.47	1.4826	P	2.1	0.3

y = 0.0074 * x + 1.5579E-004
R = 0.9999
DL = 0.01548 ug/l
BEC = 0.02108 ug/l

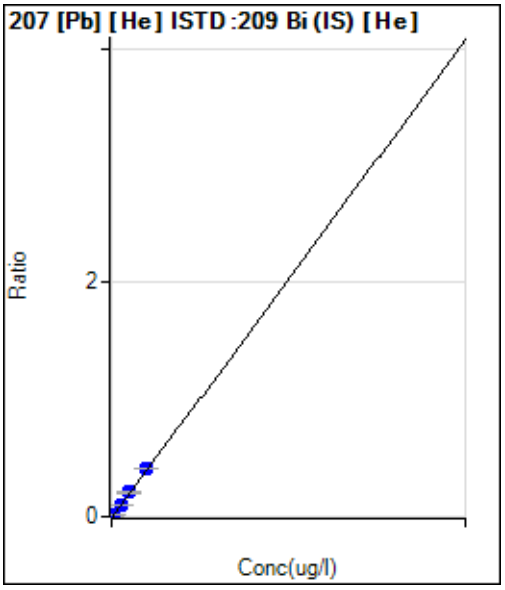
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Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	578.91	0.0009	P	2.0	
2	☐	1.200	1.177	2308.01	0.0036	P	2.3	-1.9
3	☐	6.000	5.980	9338.00	0.0148	P	1.5	-0.3
4	☐	50.000	48.887	70673.87	0.1146	P	1.3	-2.2
5	☐	100.000	99.705	141014.42	0.2327	P	1.8	-0.3
6	☐	200.000	200.426	277015.92	0.4668	P	1.1	0.2

y = 0.0023 * x + 9.0085E-004
R = 1.0000
DL = 0.02292 ug/l
BEC = 0.3875 ug/l

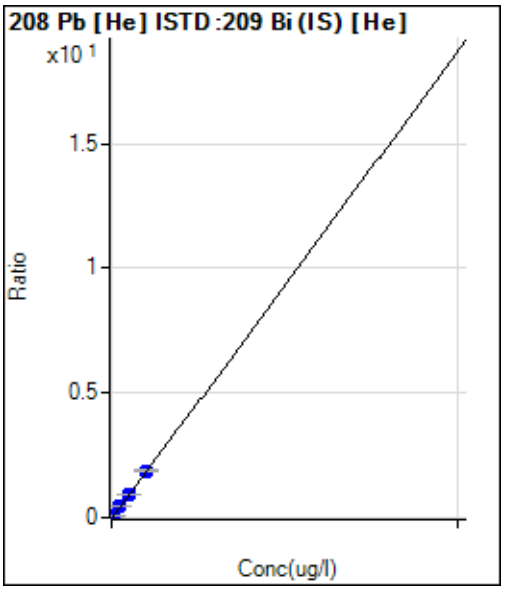
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	481.12	0.0007	P	4.7	
2	☐	1.200	1.095	1894.60	0.0030	P	8.5	-8.8
3	☐	6.000	5.963	8157.16	0.0129	P	1.1	-0.6
4	☐	50.000	48.731	61887.61	0.1003	P	0.8	-2.5
5	☐	100.000	100.406	124771.53	0.2059	P	0.7	0.4
6	☐	200.000	200.116	243033.94	0.4096	P	1.3	0.1

y = 0.0020 * x + 7.4892E-004
R = 1.0000
DL = 0.05131 ug/l
BEC = 0.3666 ug/l

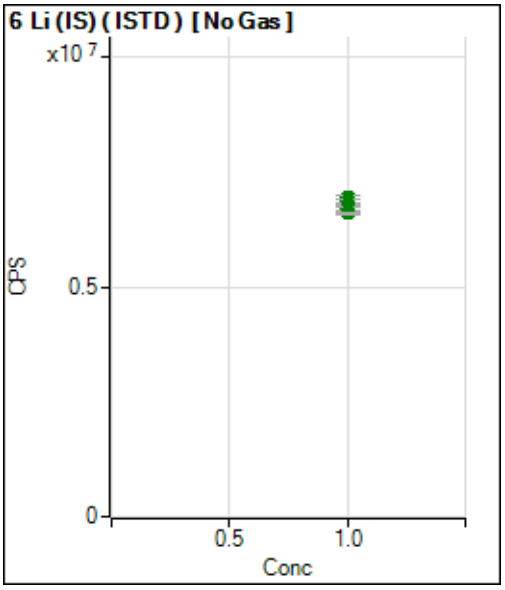
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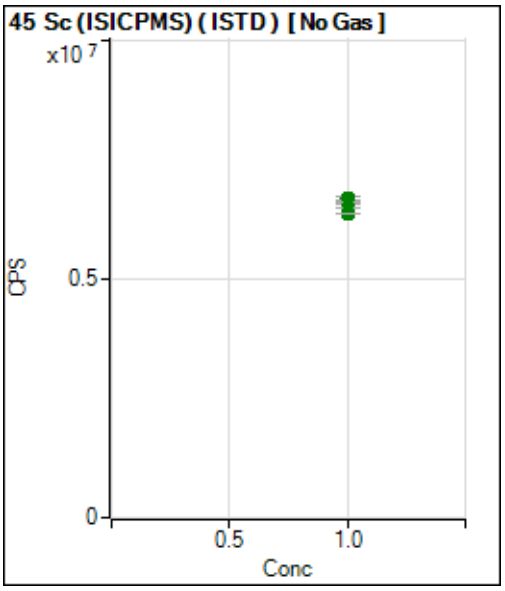
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	2272.32	0.0035	P	2.7	
2	☐	1.200	1.146	9068.04	0.0143	P	1.7	-4.5
3	☐	6.000	5.950	37441.19	0.0594	P	0.9	-0.8
4	☐	50.000	48.720	284195.08	0.4606	P	1.5	-2.6
5	☐	100.000	100.106	571366.87	0.9428	P	1.3	0.1
6	☐	200.000	200.269	1117069.02	1.8825	P	1.1	0.1

y = 0.0094 * x + 0.0035
R = 1.0000
DL = 0.0303 ug/l
BEC = 0.3769 ug/l

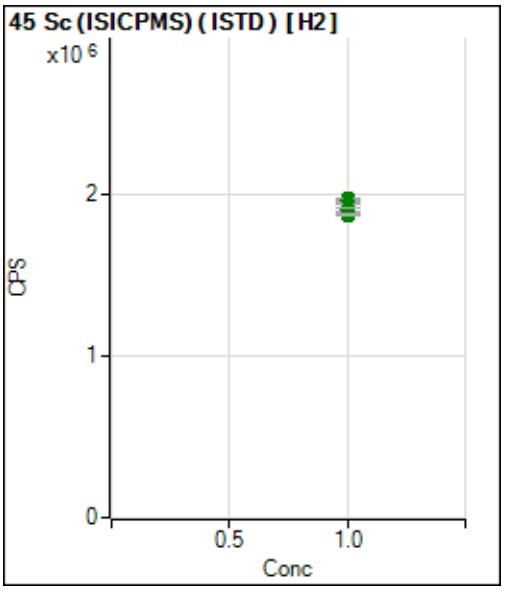
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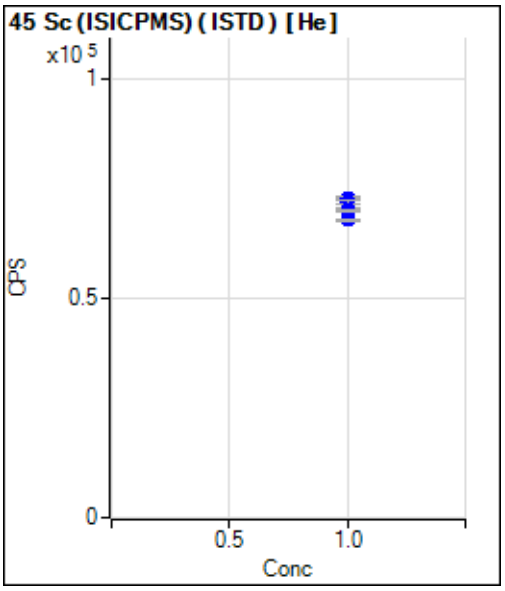
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2	☐	1.000		6951609.97		A	0.6	
3	☐	1.000		6866554.07		A	0.8	
4	☐	1.000		6790833.79		A	0.2	
5	☐	1.000		6706690.87		A	0.9	
6	☐	1.000		6604853.93		A	0.7	



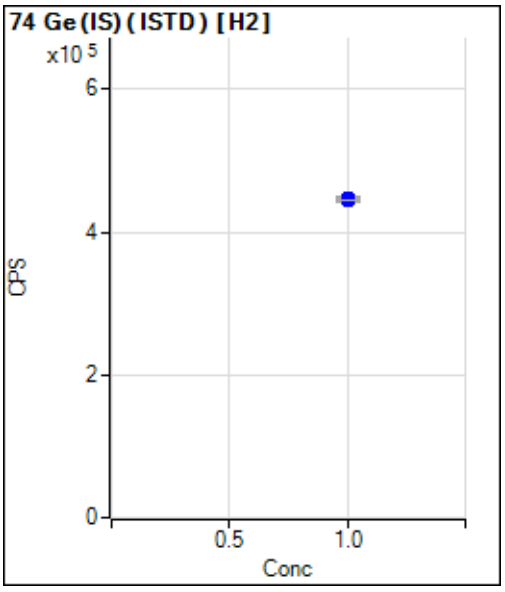
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		6575922.54		A	0.2	
2	☐	1.000		6680191.57		A	1.1	
3	☐	1.000		6632948.16		A	0.7	
4	☐	1.000		6586119.28		A	0.1	
5	☐	1.000		6476896.09		A	0.5	
6	☐	1.000		6365074.63		A	0.3	



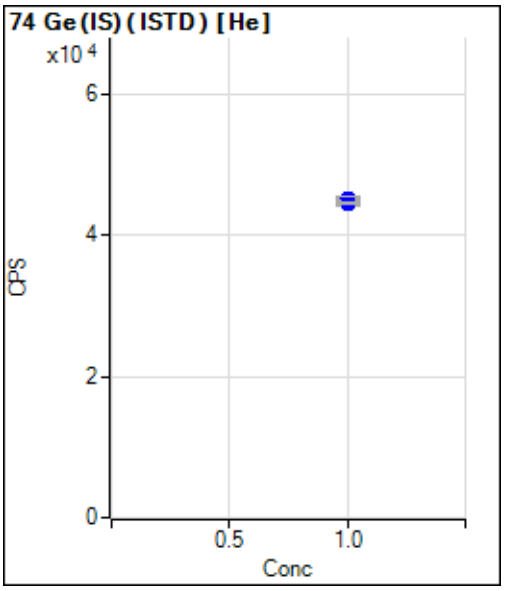
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		1960229.57		A	0.2	
2	☐	1.000		1974631.15		A	0.3	
3	☐	1.000		1967136.38		A	1.2	
4	☐	1.000		1939618.18		A	0.2	
5	☐	1.000		1902095.39		A	1.1	
6	☐	1.000		1871733.04		A	0.8	



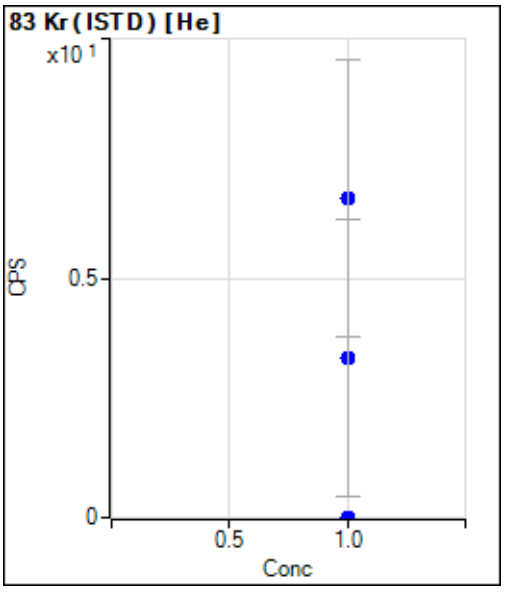
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		72499.86		P	1.1	
2	☐	1.000		72734.30		P	1.1	
3	☐	1.000		71861.23		P	0.7	
4	☐	1.000		70203.55		P	0.8	
5	☐	1.000		69908.80		P	0.5	
6	☐	1.000		67819.55		P	0.5	



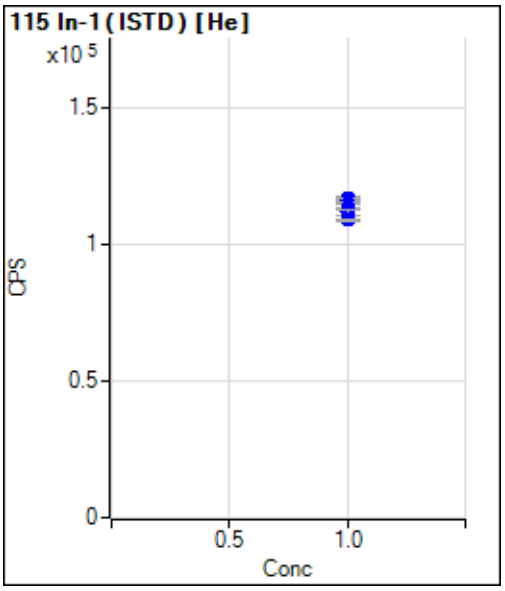
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
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2	☐	1.000		444046.87		P	0.8	
3	☐	1.000		444772.15		P	0.8	
4	☐	1.000		445610.94		P	0.2	
5	☐	1.000		443950.88		P	1.0	
6	☐	1.000		444127.78		P	0.2	



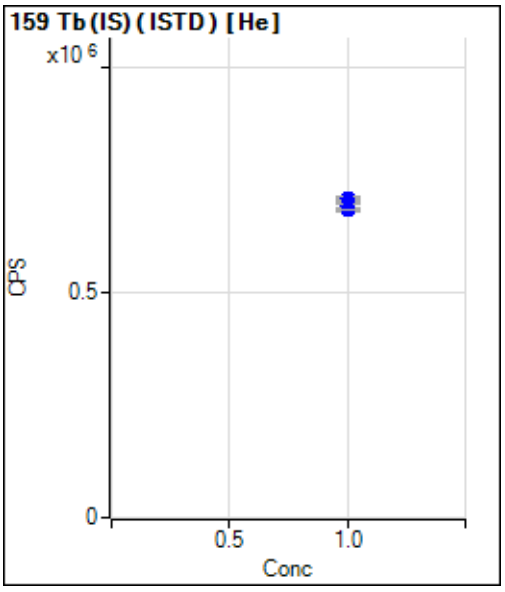
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1	☐	1.000		45106.85		P	0.8	
2	☐	1.000		44732.32		P	1.9	
3	☐	1.000		45034.52		P	1.2	
4	☐	1.000		44492.67		P	1.0	
5	☐	1.000		45300.82		P	1.0	
6	☐	1.000		44527.02		P	0.7	



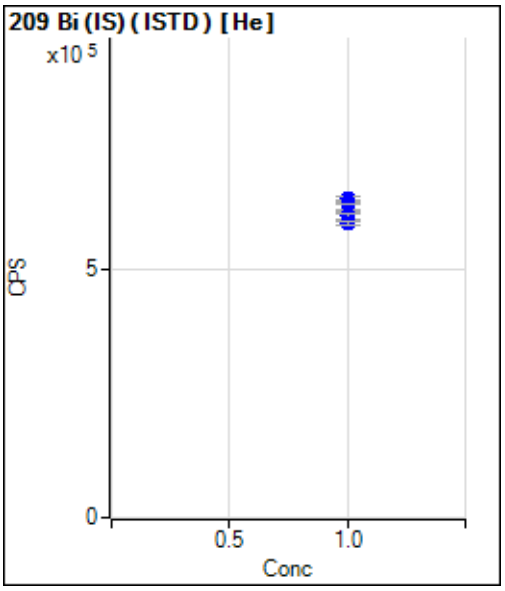
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		6.67		P	86.6	
2	☐	1.000		0.00		P		
3	☐	1.000		0.00		P		
4	☐	1.000		3.34		P	173.	
5	☐	1.000		0.00		P		
6	☐	1.000		0.00		P		



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		117149.15		P	1.2	
2	☐	1.000		116433.08		P	1.5	
3	☐	1.000		115283.28		P	0.8	
4	☐	1.000		113288.27		P	1.0	
5	☐	1.000		111866.00		P	1.4	
6	☐	1.000		109293.76		P	0.7	



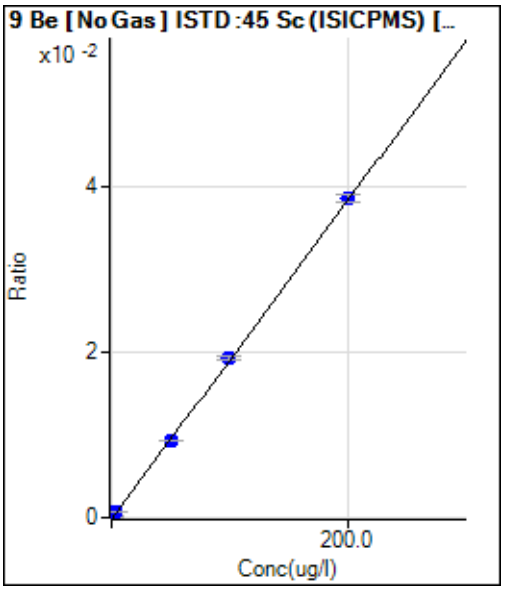
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		709677.94		P	0.6	
2	☐	1.000		710328.42		P	1.1	
3	☐	1.000		699999.68		P	0.3	
4	☐	1.000		692296.14		P	1.0	
5	☐	1.000		684163.37		P	0.6	
6	☐	1.000		684402.96		P	0.5	



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		642594.88		P	1.3	
2	☐	1.000		634448.64		P	0.5	
3	☐	1.000		630789.07		P	0.4	
4	☐	1.000		617019.63		P	1.0	
5	☐	1.000		606084.74		P	1.4	
6	☐	1.000		593432.92		P	1.2	

Batch Folder: C:\Agilent\ICPMH\1\DATA\NM050824.b\
Analysis File: NM050824.batch.bin
DA Date-Time: 2024-05-08 11:37:44
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

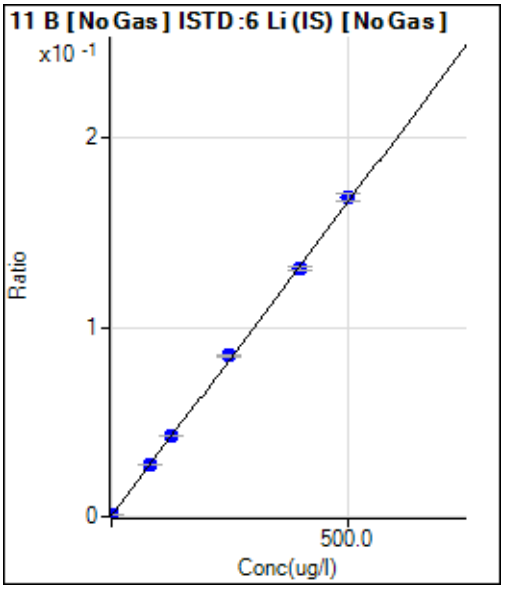
Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	IC Cal Blk	2024-05-08 10:50:24
2	005CALS.d	IC Cal-1	2024-05-08 10:53:16
3	006CALS.d	IC Cal-2	2024-05-08 10:55:53
4	007CALS.d	IC Cal-3	2024-05-08 10:58:26
5	008CALS.d	IC Cal-4	2024-05-08 11:01:00
6	009CALS.d	IC Cal-5	2024-05-08 11:03:31



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	66.67	0.0000	P	5.6	
2	☐	0.800	0.761	1676.77	0.0002	P	3.5	-4.8
3	☐	4.000	3.849	8293.38	0.0007	P	2.9	-3.8
4	☐	50.000	48.243	102547.01	0.0093	P	0.7	-3.5
5	☐	100.000	100.250	213736.92	0.0193	P	1.5	0.2
6	☐	200.000	200.318	423381.33	0.0386	P	2.3	0.2

y = 1.9265E-004 * x + 6.0502E-006
R = 1.0000
DL = 0.005285 ug/l
BEC = 0.03141 ug/l

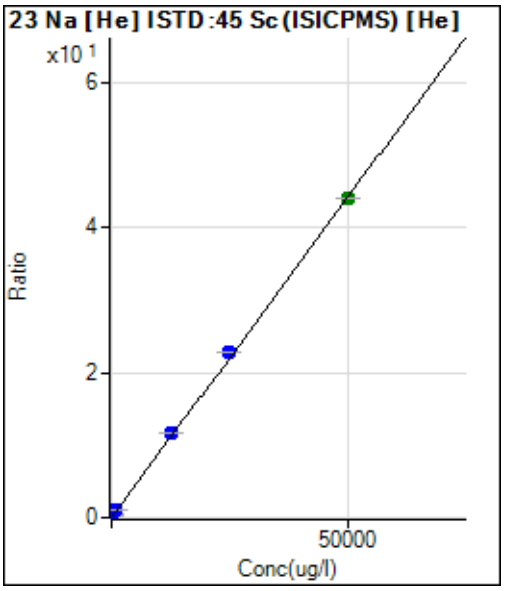
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Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	6669.25	0.0014	P	2.7	
2	☐	80.000	79.334	134412.44	0.0277	P	1.8	-0.8
3	☐	400.000	391.719	643734.05	0.1313	P	1.9	-2.1
4	☐	125.000	124.974	210884.45	0.0428	P	1.3	0.0
5	☐	250.000	252.670	419746.21	0.0852	P	0.5	1.1
6	☐	500.000	505.402	822190.69	0.1689	P	2.2	1.1

y = 3.3156E-004 * x + 0.0014
R = 0.9997
DL = 0.3399 ug/l
BEC = 4.155 ug/l

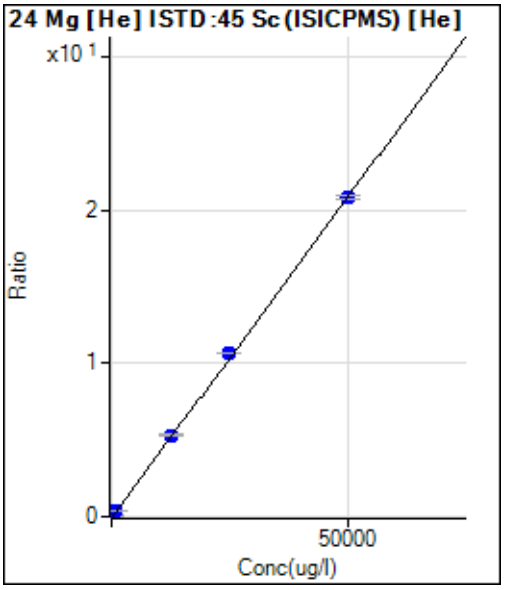
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	32041.21	0.2331	P	1.3	
2	☐	200.000	215.190	58218.80	0.4234	P	1.2	7.6
3	☐	1000.000	1061.400	161822.51	1.1716	P	1.5	6.1
4	☐	12500.00	12891.36	1601359.89	11.6326	P	1.4	3.1
5	☐	25000.00	25668.08	3183919.19	22.9307	P	0.2	2.7
6	☐	50000.00	49566.82	6120984.63	44.0637	A	0.2	-0.9

y = 8.8427E-004 * x + 0.2331
R = 0.9998
DL = 10.26 ug/l
BEC = 263.6 ug/l

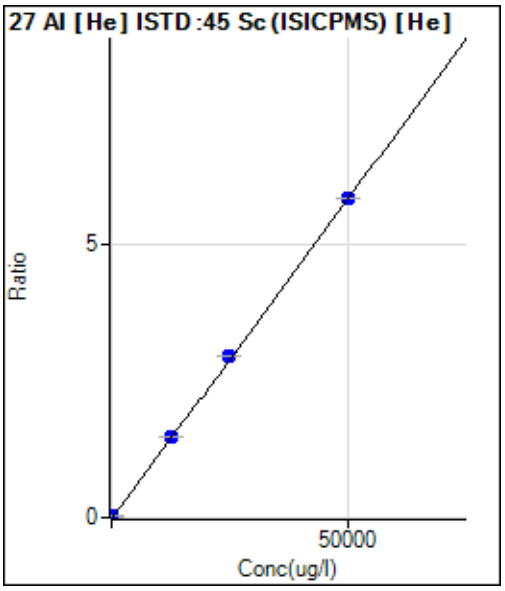
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	261.12	0.0019	P	19.9	
2	☐	200.000	208.801	12289.41	0.0894	P	2.7	4.4
3	☐	1000.000	1032.459	60004.57	0.4344	P	0.7	3.2
4	☐	12500.00	12714.37	733533.25	5.3285	P	1.4	1.7
5	☐	25000.00	25445.64	1480448.45	10.6622	P	0.4	1.8
6	☐	50000.00	49722.90	2893904.26	20.8329	P	0.7	-0.6

y = 4.1894E-004 * x + 0.0019
R = 0.9999
DL = 2.709 ug/l
BEC = 4.53 ug/l

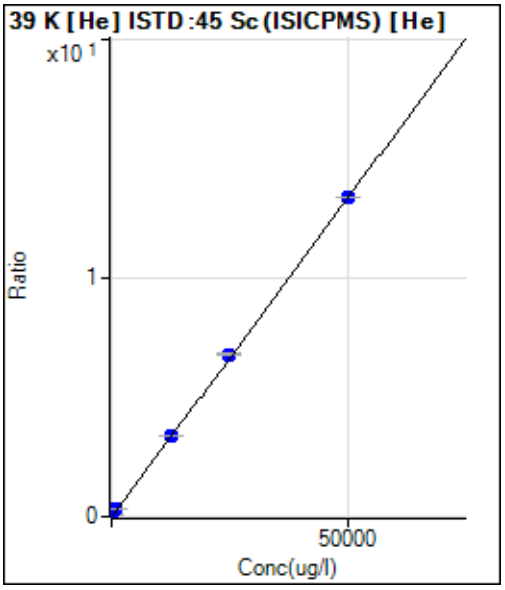
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	127.78	0.0009	P	16.8	
2	☐	40.000	41.523	798.92	0.0058	P	8.2	3.8
3	☐	200.000	204.911	3453.74	0.0250	P	1.8	2.5
4	☐	12500.00	12586.77	203720.16	1.4798	P	1.0	0.7
5	☐	25000.00	25189.82	411090.92	2.9607	P	0.4	0.8
6	☐	50000.00	49883.37	814308.17	5.8621	P	0.4	-0.2

y = 1.1750E-004 * x + 9.2934E-004
R = 1.0000
DL = 3.981 ug/l
BEC = 7.91 ug/l

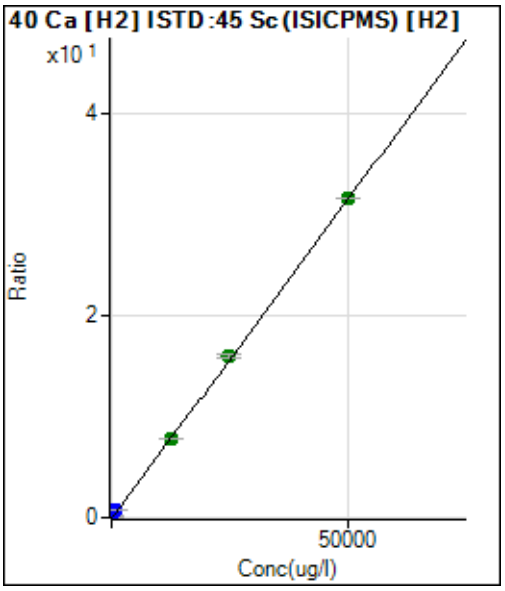
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	5752.24	0.0418	P	4.6	
2	☐	200.000	210.468	13516.08	0.0983	P	0.7	5.2
3	☐	1000.000	1030.870	43962.35	0.3183	P	1.4	3.1
4	☐	12500.00	12603.11	471069.32	3.4218	P	0.3	0.8
5	☐	25000.00	25223.81	945101.75	6.8065	P	1.1	0.9
6	☐	50000.00	49861.65	1863357.54	13.4140	P	0.4	-0.3

y = 2.6818E-004 * x + 0.0418
R = 1.0000
DL = 21.45 ug/l
BEC = 156 ug/l

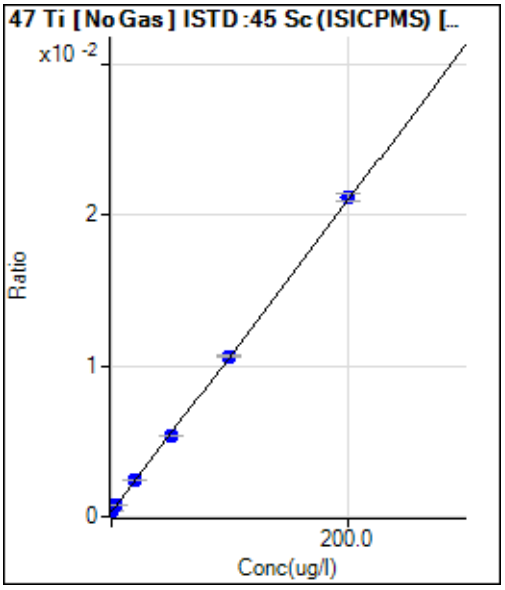
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	100506.23	0.0376	P	0.6	
2	☐	200.000	214.102	459262.34	0.1731	P	1.0	7.1
3	☐	1000.000	1047.623	1886892.79	0.7009	P	0.4	4.8
4	☐	12500.00	12225.53	20512834.14	7.7779	A	0.5	-2.2
5	☐	25000.00	25249.36	42874560.20	16.0237	A	1.2	1.0
6	☐	50000.00	49942.92	83476091.54	31.6579	A	0.1	-0.1

y = 6.3313E-004 * x + 0.0376
R = 1.0000
DL = 1.123 ug/l
BEC = 59.34 ug/l

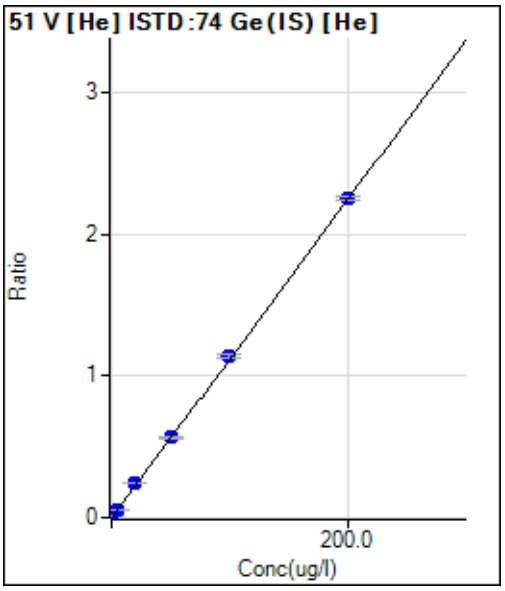
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	4535.15	0.0004	P	2.3	
2	☐	4.000	3.826	8854.86	0.0008	P	0.3	-4.4
3	☐	20.000	19.745	27168.91	0.0024	P	0.7	-1.3
4	☐	50.000	48.147	59329.34	0.0054	P	1.0	-3.7
5	☐	100.000	99.015	117614.57	0.0106	P	1.7	-1.0
6	☐	200.000	200.985	232049.24	0.0212	P	2.7	0.5

y = 1.0321E-004 * x + 4.1143E-004
R = 0.9999
DL = 0.2766 ug/l
BEC = 3.986 ug/l

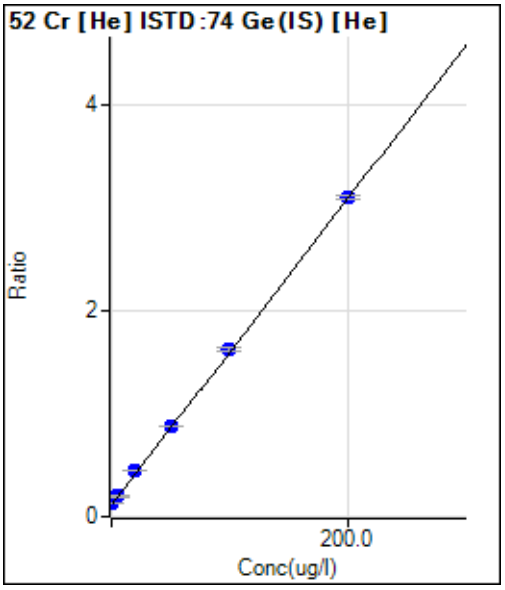
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Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	572.23	0.0095	P	2.0	
2	☐	4.000	4.097	3371.51	0.0556	P	2.9	2.4
3	☐	20.000	20.997	15173.24	0.2453	P	1.9	5.0
4	☐	50.000	49.379	35293.53	0.5640	P	2.4	-1.2
5	☐	100.000	100.517	72107.27	1.1381	P	2.0	0.5
6	☐	200.000	199.795	142651.86	2.2528	P	0.9	-0.1

y = 0.0112 * x + 0.0095
R = 1.0000
DL = 0.05003 ug/l
BEC = 0.8505 ug/l

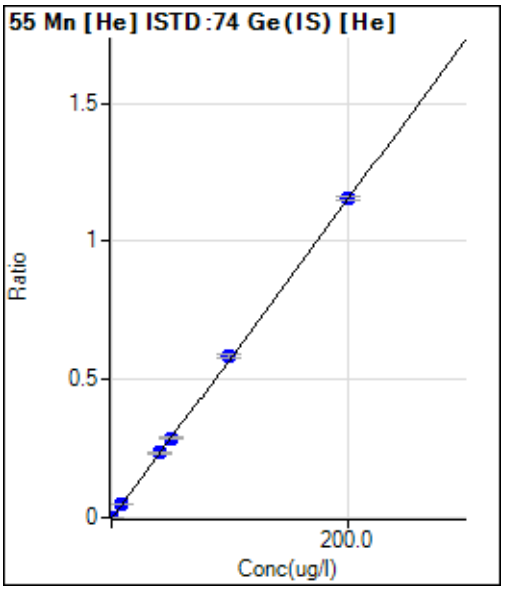
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	7935.46	0.1324	P	2.8	
2	☐	4.000	4.353	11967.04	0.1972	P	2.4	8.8
3	☐	20.000	20.727	27259.18	0.4406	P	0.3	3.6
4	☐	50.000	49.849	54684.51	0.8737	P	1.0	-0.3
5	☐	100.000	100.391	102964.43	1.6253	P	2.6	0.4
6	☐	200.000	199.762	196492.35	3.1030	P	0.7	-0.1

y = 0.0149 * x + 0.1324
R = 1.0000
DL = 0.7581 ug/l
BEC = 8.904 ug/l

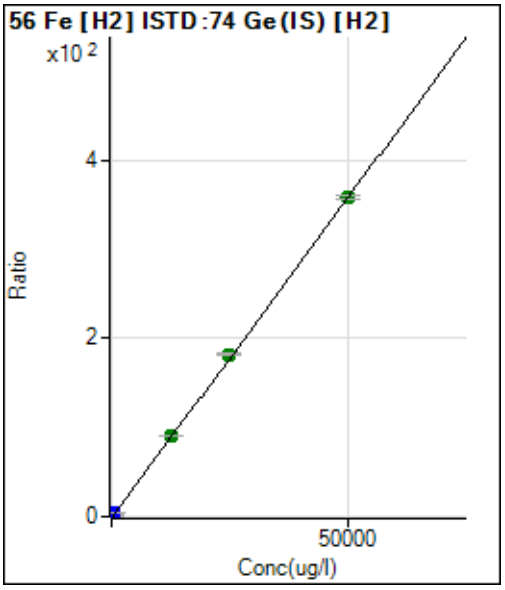
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	91.11	0.0015	P	13.8	
2	☐	8.000	8.380	3035.88	0.0500	P	0.8	4.7
3	☐	40.000	40.341	14534.87	0.2349	P	1.8	0.9
4	☐	50.000	49.448	18000.84	0.2876	P	2.7	-1.1
5	☐	100.000	100.880	37079.03	0.5852	P	2.4	0.9
6	☐	200.000	199.615	73237.64	1.1565	P	0.9	-0.2

y = 0.0058 * x + 0.0015
R = 1.0000
DL = 0.1091 ug/l
BEC = 0.2628 ug/l

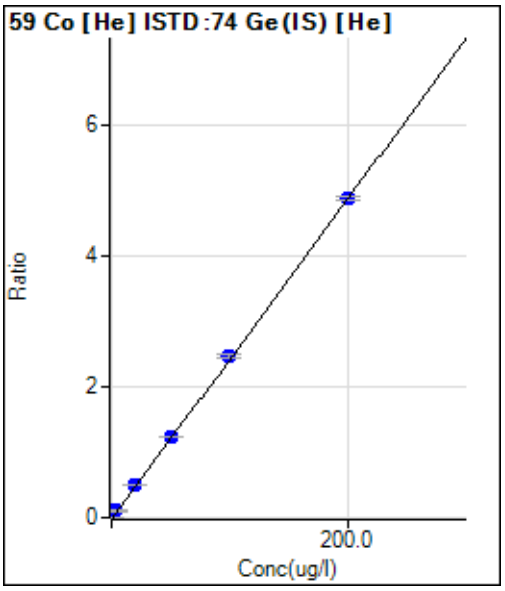
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	70781.72	0.1483	P	0.4	
2	☐	120.000	135.269	533841.48	1.1217	P	0.5	12.
3	☐	600.000	656.555	2354853.85	4.8730	P	0.7	9.4
4	☐	12500.00	12503.48	43448217.13	90.1256	A	0.6	0.0
5	☐	25000.00	25305.07	90174224.21	182.248	A	1.2	1.2
6	☐	50000.00	49845.87	177138477.3	358.848	A	0.9	-0.3

y = 0.0072 * x + 0.1483
R = 1.0000
DL = 0.2664 ug/l
BEC = 20.61 ug/l

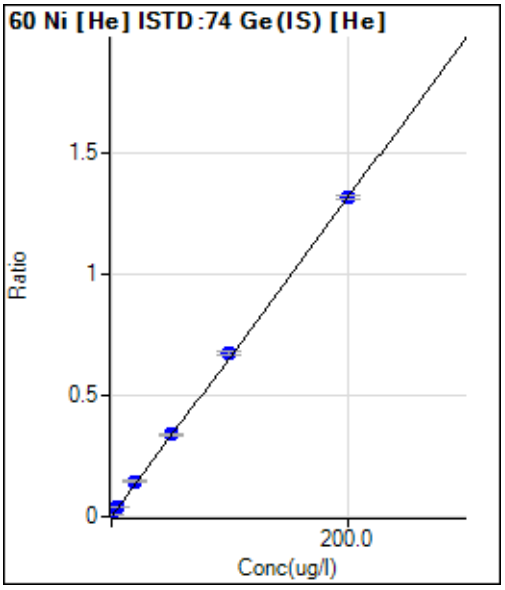
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	72.22	0.0012	P	7.3	
2	☐	4.000	4.179	6275.81	0.1034	P	3.5	4.5
3	☐	20.000	20.687	31372.87	0.5072	P	2.2	3.4
4	☐	50.000	50.195	76917.59	1.2289	P	0.7	0.4
5	☐	100.000	100.977	156555.03	2.4710	P	1.9	1.0
6	☐	200.000	199.391	308895.98	4.8780	P	0.7	-0.3

y = 0.0245 * x + 0.0012
R = 1.0000
DL = 0.01077 ug/l
BEC = 0.04928 ug/l

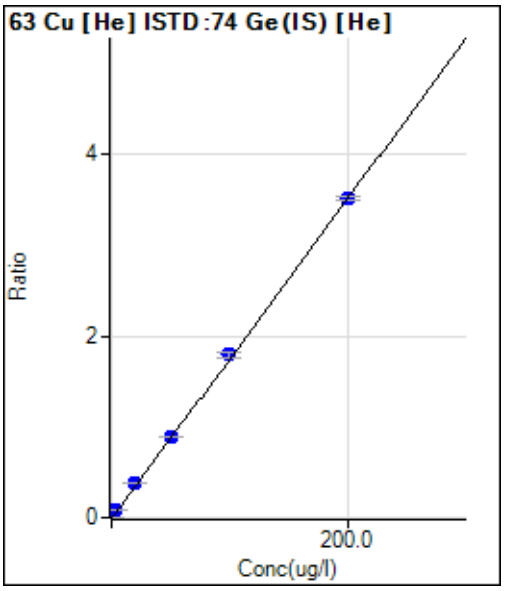
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	470.01	0.0078	P	4.8	
2	☐	4.000	4.407	2239.07	0.0369	P	1.7	10.
3	☐	20.000	21.028	9057.23	0.1464	P	2.6	5.1
4	☐	50.000	50.161	21177.29	0.3384	P	2.8	0.3
5	☐	100.000	101.394	42828.93	0.6760	P	2.2	1.4
6	☐	200.000	199.152	83600.01	1.3202	P	1.2	-0.4

y = 0.0066 * x + 0.0078
R = 1.0000
DL = 0.1728 ug/l
BEC = 1.19 ug/l

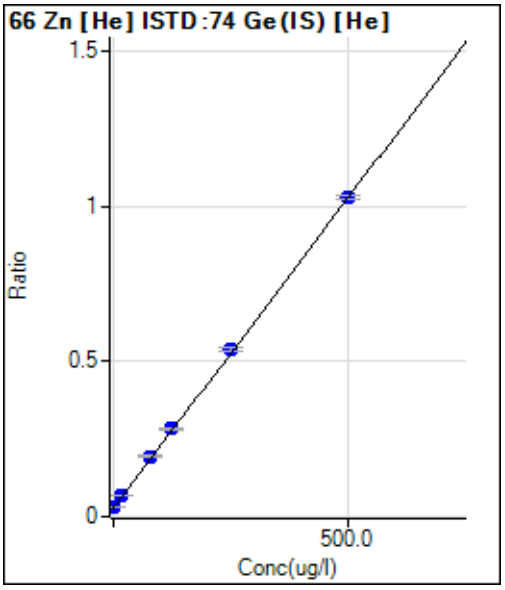
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	324.45	0.0054	P	6.3	
2	☐	4.000	4.198	4824.15	0.0795	P	2.9	5.0
3	☐	20.000	21.149	23417.26	0.3786	P	1.9	5.7
4	☐	50.000	50.376	55968.89	0.8942	P	1.1	0.8
5	☐	100.000	101.361	113642.59	1.7937	P	2.8	1.4
6	☐	200.000	199.107	222793.52	3.5183	P	1.0	-0.4

y = 0.0176 * x + 0.0054
R = 1.0000
DL = 0.05804 ug/l
BEC = 0.3069 ug/l

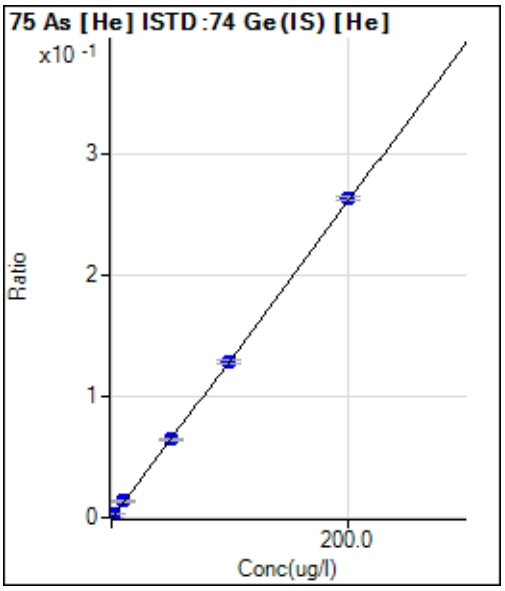
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1854.57	0.0309	P	2.1	
2	☐	16.000	18.865	4176.17	0.0688	P	2.7	17.
3	☐	80.000	80.975	11965.97	0.1934	P	2.1	1.2
4	☐	125.000	125.866	17745.07	0.2835	P	0.9	0.7
5	☐	250.000	253.267	34157.98	0.5392	P	2.5	1.3
6	☐	500.000	497.903	65226.42	1.0301	P	1.1	-0.4

y = 0.0020 * x + 0.0309
R = 1.0000
DL = 0.9793 ug/l
BEC = 15.42 ug/l

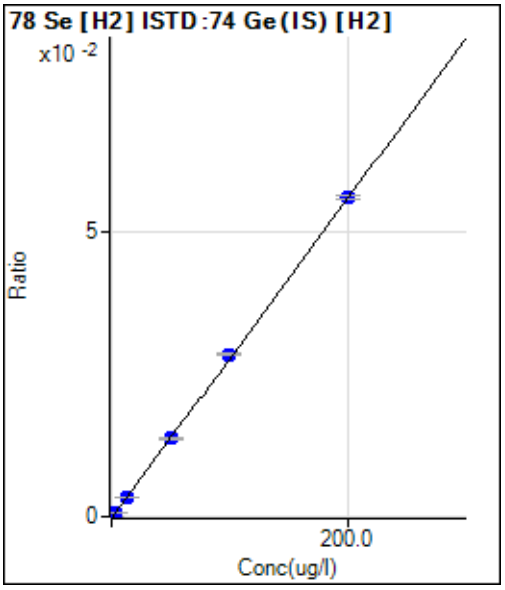
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Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	10.00	0.0002	P	88.4	
2	☐	2.000	2.072	174.45	0.0029	P	22.1	3.6
3	☐	10.000	10.381	850.03	0.0137	P	13.1	3.8
4	☐	50.000	49.232	4040.57	0.0646	P	2.9	-1.5
5	☐	100.000	98.039	8136.71	0.1284	P	2.3	-2.0
6	☐	200.000	201.153	16673.89	0.2633	P	1.4	0.6

y = 0.0013 * x + 1.6711E-004
R = 0.9999
DL = 0.3388 ug/l
BEC = 0.1278 ug/l

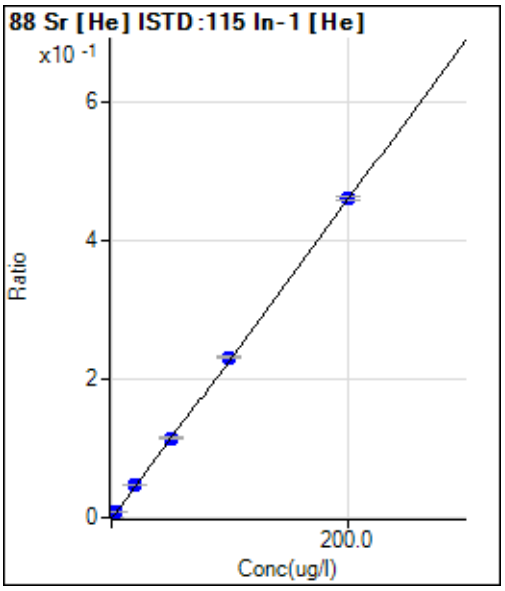
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Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	5.56	0.0000	P	91.7	
2	☐	2.500	2.433	330.00	0.0007	P	14.3	-2.7
3	☐	12.500	12.141	1650.10	0.0034	P	1.4	-2.9
4	☐	50.000	48.789	6598.18	0.0137	P	3.7	-2.4
5	☐	100.000	101.409	14071.19	0.0284	P	0.4	1.4
6	☐	200.000	199.622	27625.84	0.0560	P	0.9	-0.2

y = 2.8029E-004 * x + 1.1652E-005
R = 0.9999
DL = 0.1144 ug/l
BEC = 0.04157 ug/l

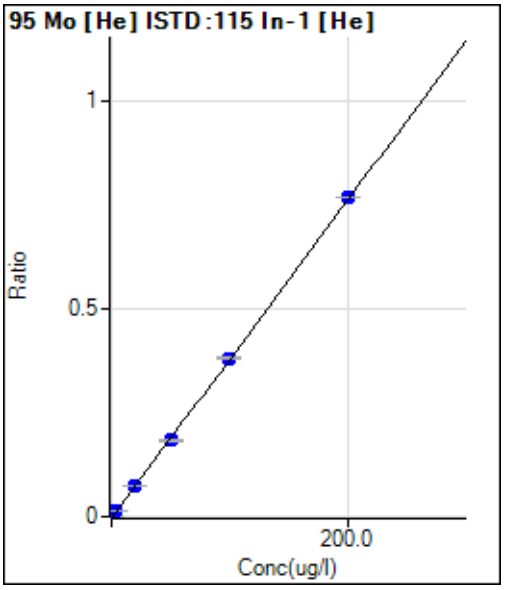
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	60.00	0.0004	P	22.1	
2	☐	4.000	3.902	1393.41	0.0094	P	4.7	-2.4
3	☐	20.000	19.942	6834.96	0.0464	P	1.6	-0.3
4	☐	50.000	49.761	17005.45	0.1152	P	1.0	-0.5
5	☐	100.000	100.351	34238.79	0.2319	P	1.1	0.4
6	☐	200.000	199.892	67500.56	0.4615	P	1.0	-0.1

y = 0.0023 * x + 4.0883E-004
R = 1.0000
DL = 0.1175 ug/l
BEC = 0.1772 ug/l

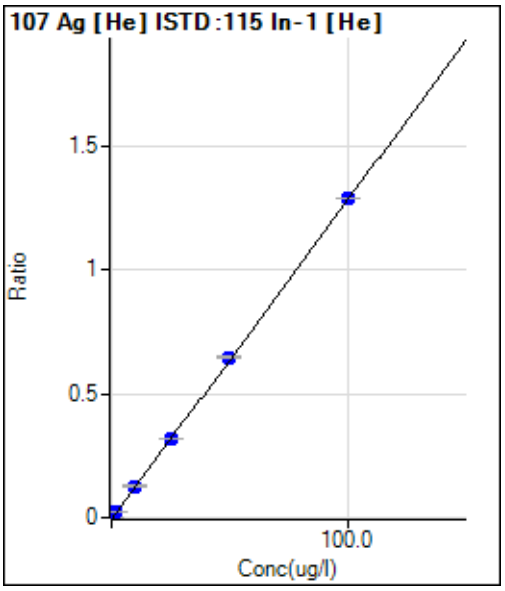
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	52.22	0.0004	P	19.3	
2	☐	4.000	3.821	2222.41	0.0150	P	2.2	-4.5
3	☐	20.000	19.704	11184.33	0.0759	P	0.5	-1.5
4	☐	50.000	48.071	27272.15	0.1847	P	2.0	-3.9
5	☐	100.000	99.667	56495.66	0.3827	P	1.1	-0.3
6	☐	200.000	200.682	112628.29	0.7701	P	0.6	0.3

y = 0.0038 * x + 3.5579E-004
R = 0.9999
DL = 0.05368 ug/l
BEC = 0.09275 ug/l

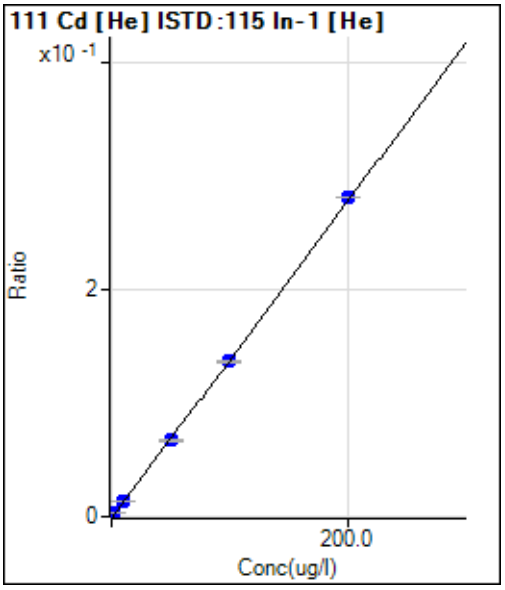
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	3.33	0.0000	P	100.	
2	☐	2.000	2.001	3822.76	0.0258	P	2.3	0.1
3	☐	10.000	9.916	18827.86	0.1278	P	0.9	-0.8
4	☐	25.000	24.755	47104.26	0.3191	P	0.9	-1.0
5	☐	50.000	50.102	95347.53	0.6458	P	1.2	0.2
6	☐	100.000	100.019	188544.45	1.2892	P	0.4	0.0

y = 0.0129 * x + 2.2684E-005
R = 1.0000
DL = 0.005279 ug/l
BEC = 0.00176 ug/l

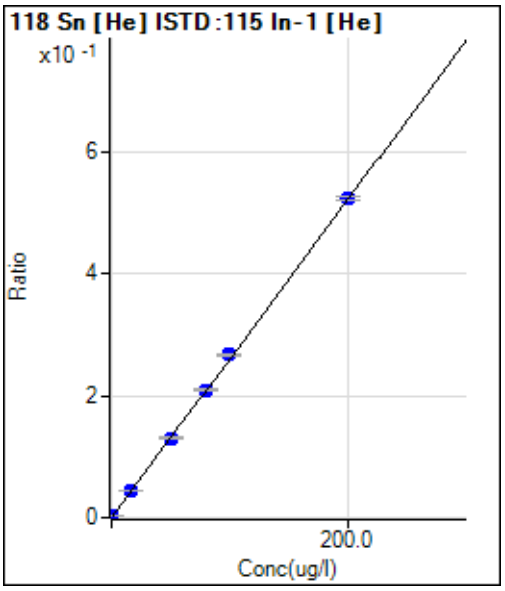
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Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	0.00	0.0000	P		
2	☐	2.000	2.030	418.90	0.0028	P	7.4	1.5
3	☐	10.000	9.858	2024.60	0.0137	P	3.7	-1.4
4	☐	50.000	48.277	9937.91	0.0673	P	2.5	-3.4
5	☐	100.000	97.958	20167.49	0.1366	P	1.3	-2.0
6	☐	200.000	201.459	41086.25	0.2809	P	0.3	0.7

y = 0.0014 * x + 0.0000E+000
R = 0.9999
DL = 0 ug/l
BEC = 0 ug/l

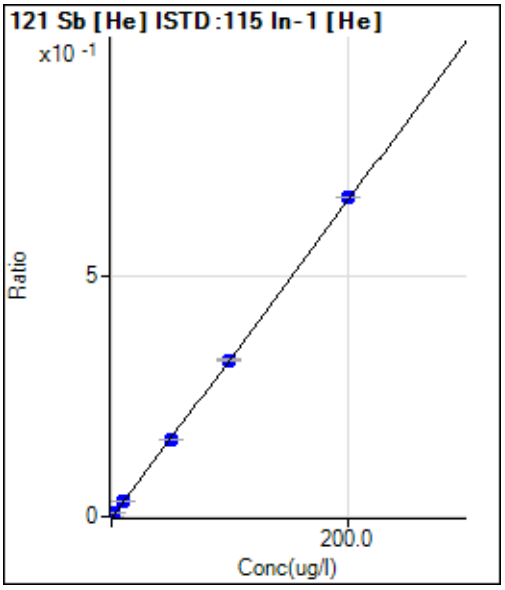
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	407.79	0.0028	P	20.5	
2	☐	16.000	15.527	6404.80	0.0433	P	2.2	-3.0
3	☐	80.000	79.422	30902.19	0.2098	P	1.3	-0.7
4	☐	50.000	49.155	19324.19	0.1309	P	2.2	-1.7
5	☐	100.000	101.247	39375.09	0.2667	P	0.7	1.2
6	☐	200.000	199.857	76593.65	0.5237	P	0.8	-0.1

y = 0.0026 * x + 0.0028
R = 1.0000
DL = 0.656 ug/l
BEC = 1.066 ug/l

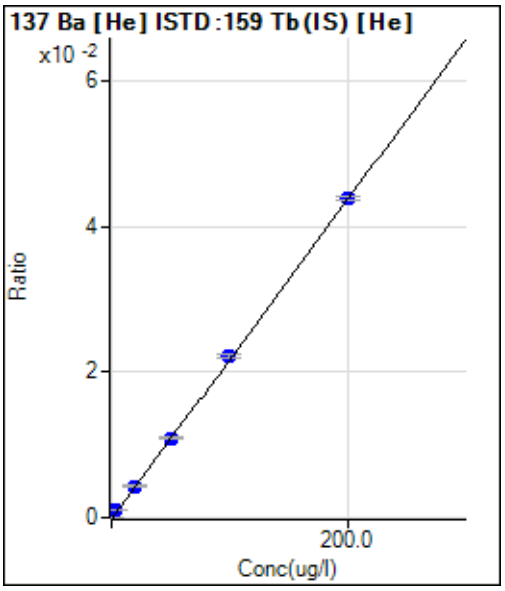
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Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	23.33	0.0002	P	38.0	
2	☐	2.000	1.912	957.82	0.0065	P	5.9	-4.4
3	☐	10.000	9.433	4609.66	0.0313	P	1.9	-5.7
4	☐	50.000	48.726	23765.33	0.1610	P	0.6	-2.5
5	☐	100.000	98.456	48004.85	0.3251	P	1.7	-1.5
6	☐	200.000	201.120	97111.69	0.6640	P	0.3	0.6

y = 0.0033 * x + 1.5909E-004
R = 0.9999
DL = 0.05494 ug/l
BEC = 0.0482 ug/l

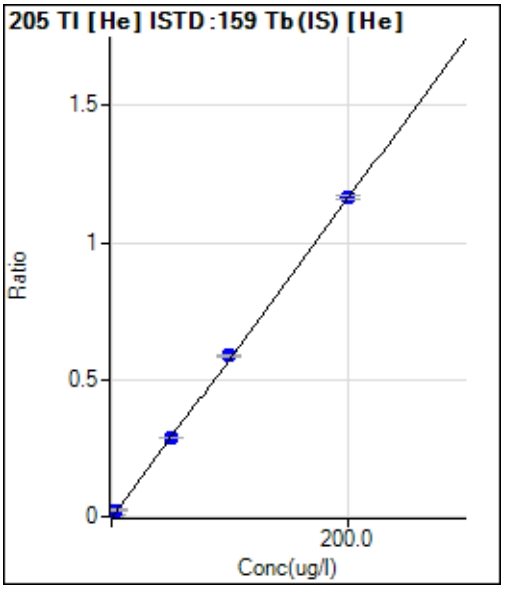
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Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	12.22	0.0000	P	40.9	
2	☐	4.000	4.203	707.80	0.0009	P	2.9	5.1
3	☐	20.000	19.697	3313.75	0.0044	P	1.5	-1.5
4	☐	50.000	49.707	8404.77	0.0110	P	0.5	-0.6
5	☐	100.000	101.033	17051.44	0.0223	P	1.5	1.0
6	☐	200.000	199.583	33781.42	0.0440	P	1.7	-0.2

y = 2.2017E-004 * x + 1.6074E-005
R = 1.0000
DL = 0.08948 ug/l
BEC = 0.07301 ug/l

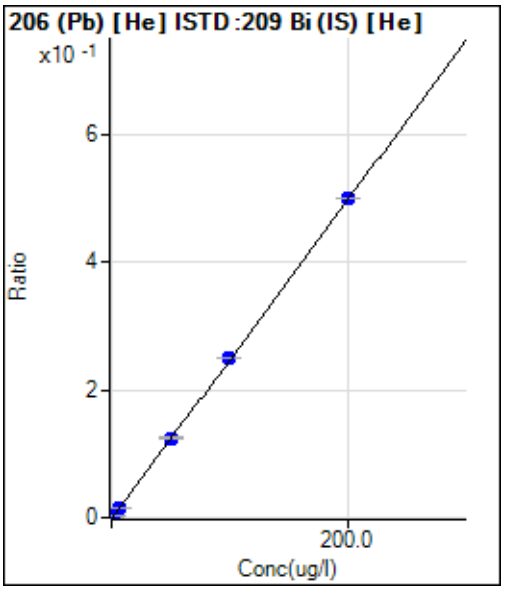
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	666.69	0.0009	P	5.8	
2	☐	0.800	0.825	4276.25	0.0057	P	2.6	3.1
3	☐	4.000	4.062	18707.40	0.0246	P	2.3	1.6
4	☐	50.000	49.728	223070.29	0.2909	P	0.3	-0.5
5	☐	100.000	100.596	450029.66	0.5876	P	1.1	0.6
6	☐	200.000	199.768	896053.07	1.1659	P	0.9	-0.1

y = 0.0058 * x + 8.7922E-004
R = 1.0000
DL = 0.02638 ug/l
BEC = 0.1508 ug/l

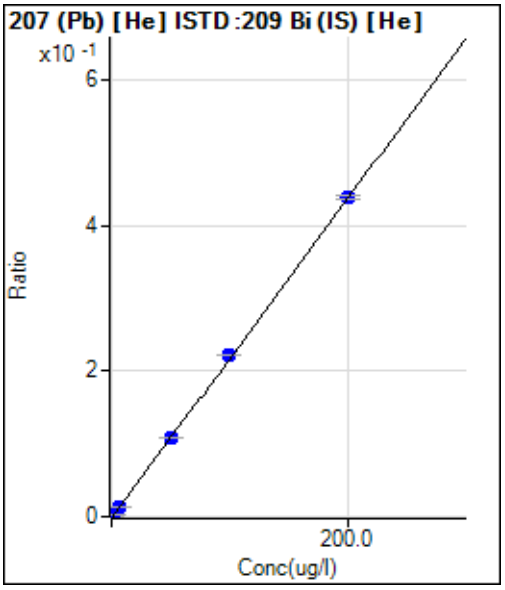
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	216.67	0.0004	P	6.2	
2	☐	1.200	1.176	1925.71	0.0033	P	4.3	-2.0
3	☐	6.000	5.876	8845.14	0.0151	P	0.6	-2.1
4	☐	50.000	49.689	72520.59	0.1246	P	1.2	-0.6
5	☐	100.000	100.091	144407.80	0.2506	P	0.7	0.1
6	☐	200.000	200.036	286559.98	0.5004	P	0.2	0.0

y = 0.0025 * x + 3.7157E-004
R = 1.0000
DL = 0.02758 ug/l
BEC = 0.1486 ug/l

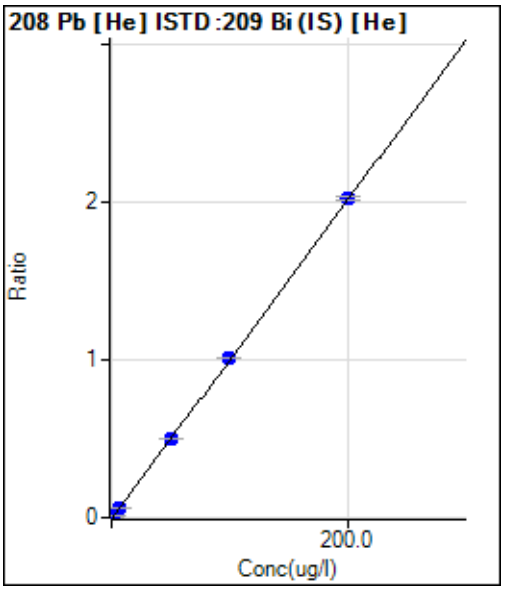
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	183.33	0.0003	P	20.0	
2	☐	1.200	1.216	1735.68	0.0030	P	4.6	1.3
3	☐	6.000	6.081	8030.20	0.0137	P	0.3	1.3
4	☐	50.000	49.242	63156.23	0.1085	P	0.5	-1.5
5	☐	100.000	101.014	128071.08	0.2222	P	0.9	1.0
6	☐	200.000	199.680	251373.64	0.4390	P	0.8	-0.2

y = 0.0022 * x + 3.1422E-004
R = 1.0000
DL = 0.08596 ug/l
BEC = 0.143 ug/l

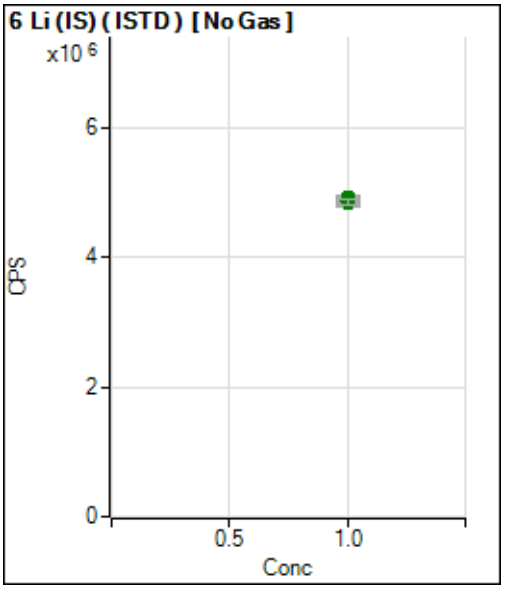
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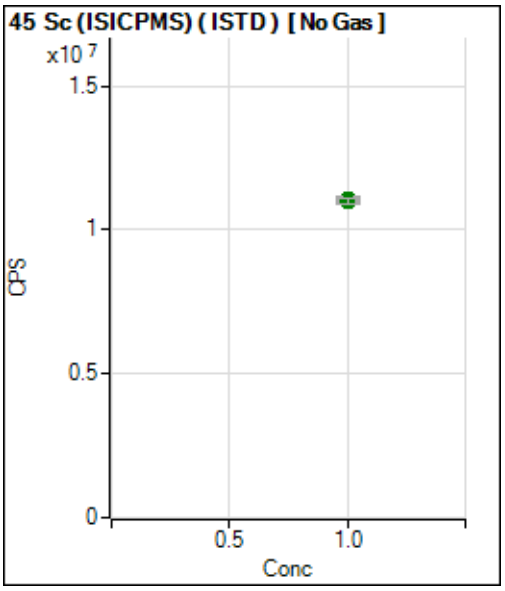
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	870.02	0.0015	P	5.3	
2	☐	1.200	1.182	7806.49	0.0134	P	1.1	-1.5
3	☐	6.000	6.004	36486.24	0.0621	P	0.5	0.1
4	☐	50.000	49.375	291146.19	0.5001	P	0.3	-1.2
5	☐	100.000	100.296	584614.58	1.0144	P	0.4	0.3
6	☐	200.000	200.008	1157533.87	2.0214	P	0.8	0.0

y = 0.0101 * x + 0.0015
R = 1.0000
DL = 0.02349 ug/l
BEC = 0.1477 ug/l

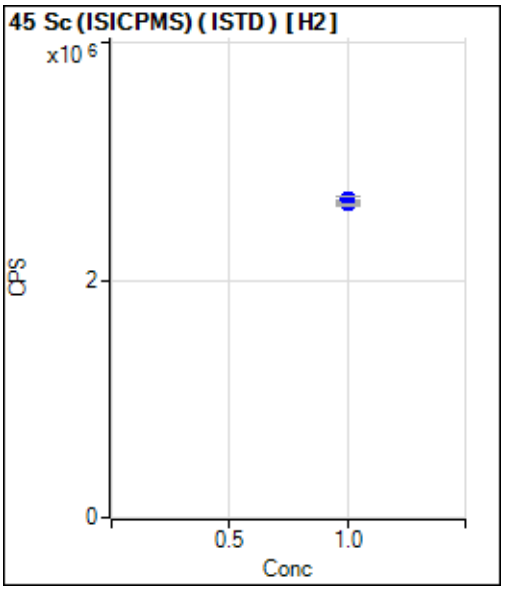
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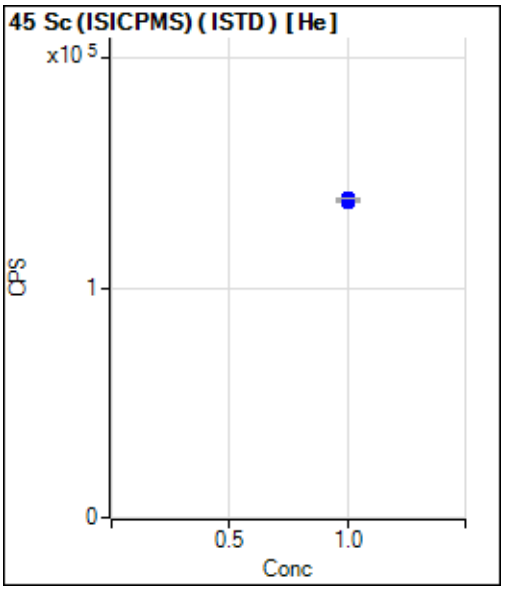
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		4841745.90		A	2.3	
2	☐	1.000		4856188.68		A	1.0	
3	☐	1.000		4905929.34		A	2.4	
4	☐	1.000		4925838.68		A	0.6	
5	☐	1.000		4929387.64		A	0.5	
6	☐	1.000		4867606.56		A	1.8	



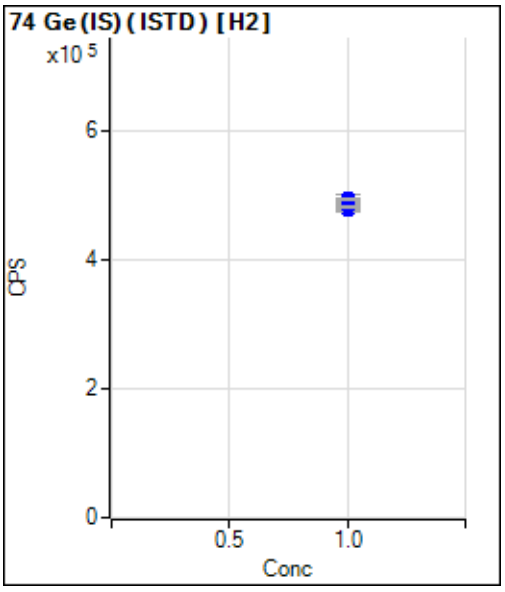
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		11021408.58		A	0.9	
2	☐	1.000		10982789.84		A	1.7	
3	☐	1.000		11092489.69		A	0.7	
4	☐	1.000		11027058.17		A	1.1	
5	☐	1.000		11065571.64		A	1.7	
6	☐	1.000		10972906.23		A	2.1	



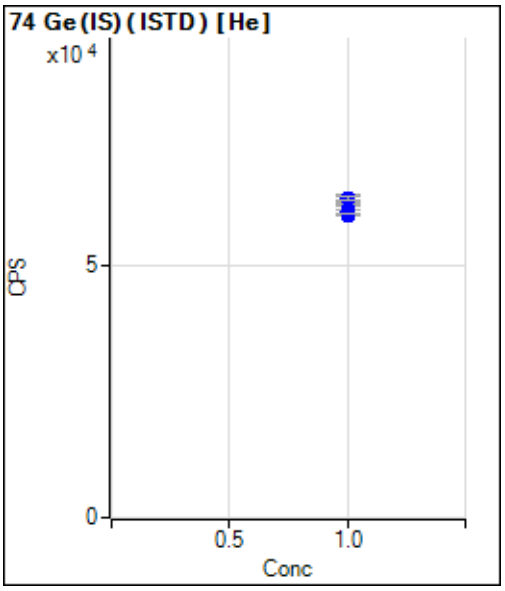
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		2675051.17		P	0.2	
2	☐	1.000		2652860.20		P	0.6	
3	☐	1.000		2692215.27		P	0.9	
4	☐	1.000		2637336.52		P	0.7	
5	☐	1.000		2676016.63		P	2.2	
6	☐	1.000		2636804.18		P	0.4	



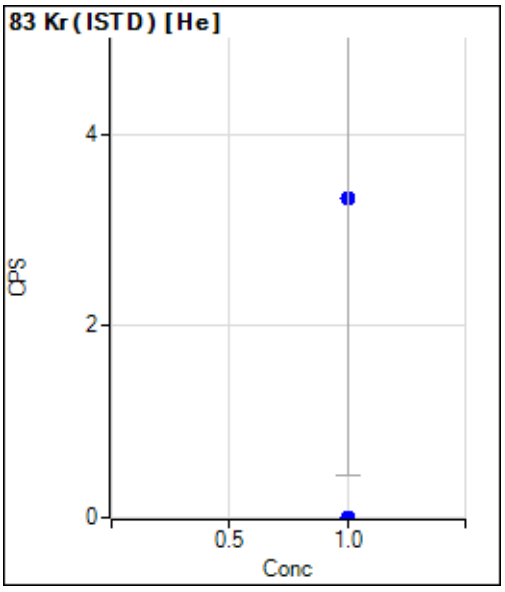
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2	☐	1.000		137522.44		P	0.7	
3	☐	1.000		138118.84		P	0.2	
4	☐	1.000		137668.44		P	0.5	
5	☐	1.000		138850.05		P	0.3	
6	☐	1.000		138912.51		P	0.5	



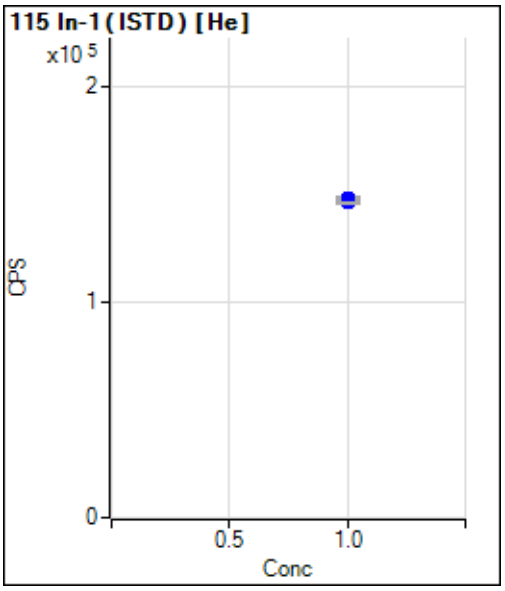
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1	☐	1.000		477210.88		P	0.2	
2	☐	1.000		475898.53		P	0.3	
3	☐	1.000		483255.47		P	0.7	
4	☐	1.000		482089.23		P	0.7	
5	☐	1.000		494861.70		P	1.9	
6	☐	1.000		493638.04		P	0.6	



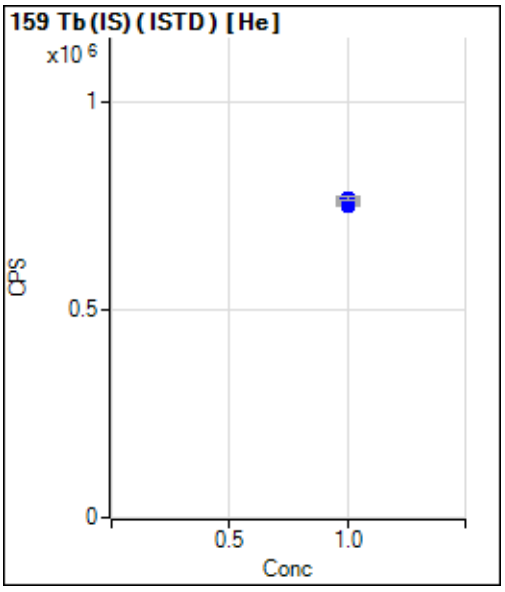
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		59927.40		P	0.3	
2	☐	1.000		60710.62		P	1.5	
3	☐	1.000		61862.05		P	0.5	
4	☐	1.000		62592.81		P	1.1	
5	☐	1.000		63372.79		P	1.9	
6	☐	1.000		63325.88		P	0.8	



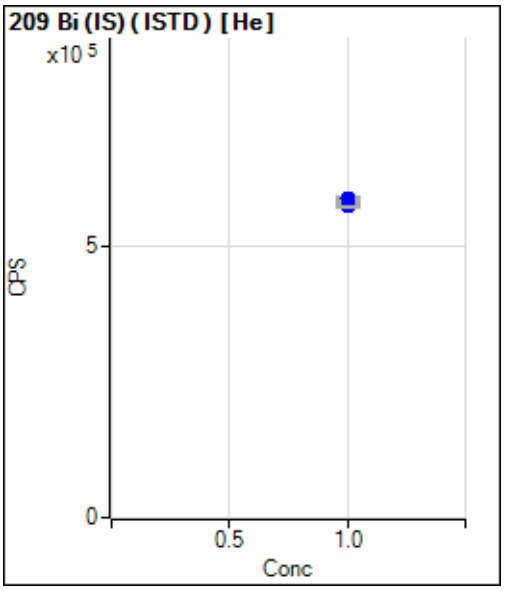
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		0.00		P		
2	☐	1.000		0.00		P		
3	☐	1.000		3.34		P	173.	
4	☐	1.000		0.00		P		
5	☐	1.000		3.34		P	173.	
6	☐	1.000		0.00		P		



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		146733.02		P	0.2	
2	☐	1.000		148058.31		P	0.8	
3	☐	1.000		147278.57		P	0.8	
4	☐	1.000		147613.09		P	0.2	
5	☐	1.000		147638.92		P	0.2	
6	☐	1.000		146245.68		P	0.6	



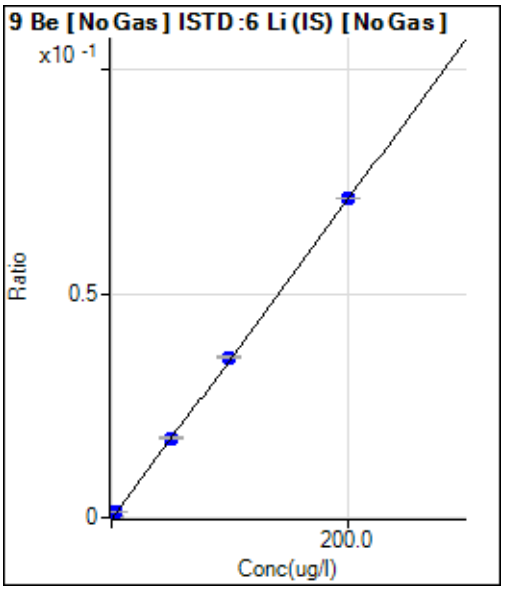
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		758351.79		P	1.0	
2	☐	1.000		751786.80		P	0.1	
3	☐	1.000		761321.99		P	0.5	
4	☐	1.000		766845.95		P	0.3	
5	☐	1.000		765956.23		P	0.5	
6	☐	1.000		768568.78		P	1.1	



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		582934.99		P	1.0	
2	☐	1.000		581533.63		P	0.9	
3	☐	1.000		587336.56		P	1.0	
4	☐	1.000		582136.81		P	0.8	
5	☐	1.000		576325.37		P	0.3	
6	☐	1.000		572659.59		P	0.5	

Batch Folder: D:\Agilent\ICPMH\1\DATA\NM051324C.b\
Analysis File: NM051324C.batch.bin
DA Date-Time: 2024-05-13 17:34:09
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

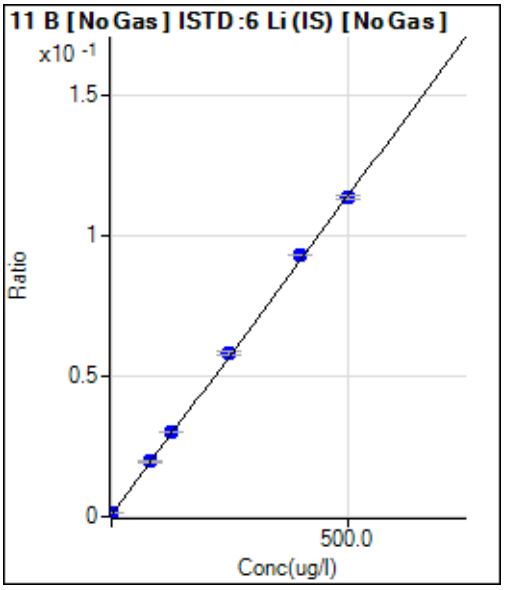
Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	IC CAL-Blk	2024-05-13 15:38:18
2	004CALS.d	IC CAL1	2024-05-13 15:41:07
3	005CALS.d	IC CAL2	2024-05-13 15:43:44
4	006CALS.d	IC CAL3	2024-05-13 15:46:19
5	007CALS.d	IC CAL4	2024-05-13 15:48:55
6	008CALS.d	IC CAL5	2024-05-13 15:51:31



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	28.89	0.0000	P	40.6	
2	☐	0.800	0.776	1621.21	0.0003	P	3.1	-3.0
3	☐	4.000	4.107	8409.20	0.0015	P	2.0	2.7
4	☐	50.000	49.918	101251.59	0.0178	P	1.4	-0.2
5	☐	100.000	100.473	201627.67	0.0359	P	1.5	0.5
6	☐	200.000	199.782	403391.25	0.0714	P	0.6	-0.1

y = 3.5720E-004 * x + 5.0230E-006
R = 1.0000
DL = 0.01712 ug/l
BEC = 0.01406 ug/l

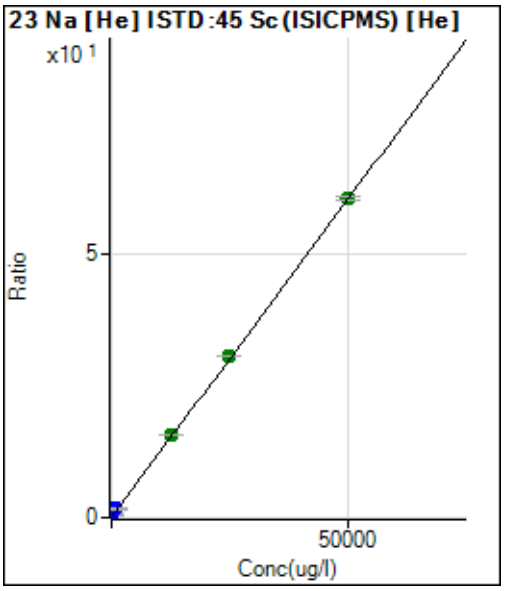
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	7245.22	0.0013	P	3.2	
2	☐	80.000	80.654	112251.99	0.0195	P	2.1	0.8
3	☐	400.000	404.037	530068.48	0.0928	P	0.3	1.0
4	☐	125.000	127.426	171023.83	0.0301	P	0.9	1.9
5	☐	250.000	251.014	326494.16	0.0581	P	1.5	0.4
6	☐	500.000	495.552	641649.10	0.1135	P	0.7	-0.9

y = 2.2654E-004 * x + 0.0013
R = 0.9999
DL = 0.5373 ug/l
BEC = 5.558 ug/l

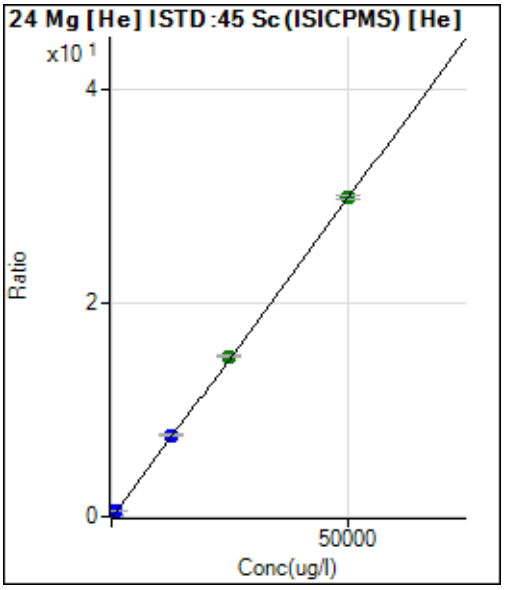
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	22839.68	0.3927	P	1.4	
2	☐	200.000	209.603	37400.74	0.6451	P	1.1	4.8
3	☐	1000.000	1044.131	94786.22	1.6501	P	1.7	4.4
4	☐	12500.00	12712.55	887768.81	15.702	A	1.8	1.7
5	☐	25000.00	25060.26	1724712.72	30.572	A	0.9	0.2
6	☐	50000.00	49915.81	3432725.05	60.505	A	1.0	-0.2

y = 0.0012 * x + 0.3927
R = 1.0000
DL = 13.76 ug/l
BEC = 326.1 ug/l

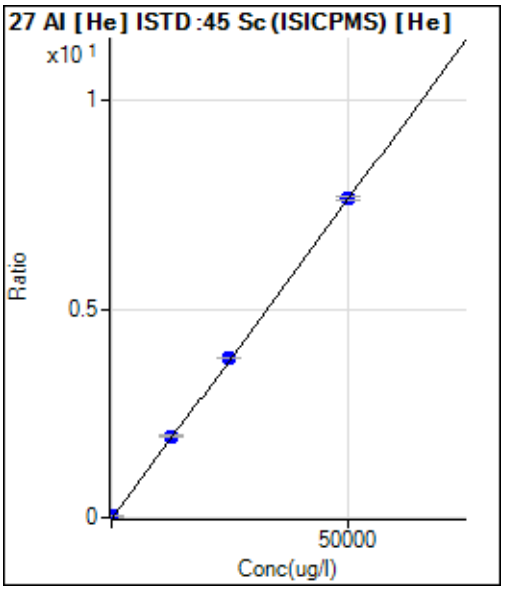
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	191.11	0.0033	P	7.9	
2	☐	200.000	205.200	7310.84	0.1261	P	3.0	2.6
3	☐	1000.000	1032.294	35686.59	0.6213	P	1.6	3.2
4	☐	12500.00	12736.92	431303.17	7.6281	P	1.6	1.9
5	☐	25000.00	25083.71	847305.51	15.019	A	0.8	0.3
6	☐	50000.00	49898.24	1694826.21	29.874	A	1.7	-0.2

y = 5.9864E-004 * x + 0.0033
R = 1.0000
DL = 1.309 ug/l
BEC = 5.489 ug/l

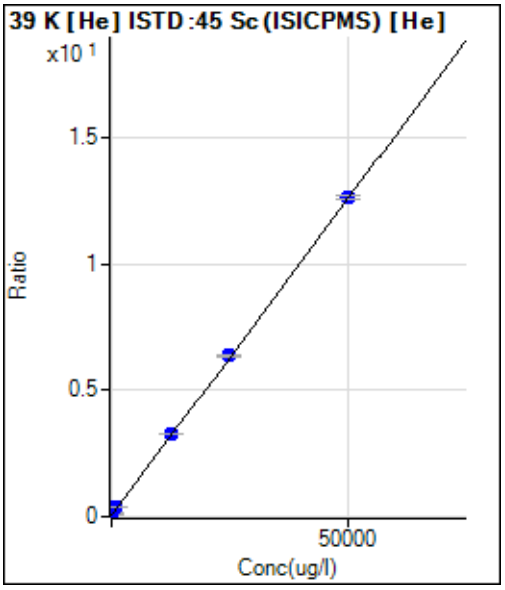
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	90.00	0.0015	P	16.2	
2	☐	40.000	44.060	481.12	0.0083	P	4.0	10.2
3	☐	200.000	215.094	1982.38	0.0345	P	1.9	7.5
4	☐	12500.00	12699.06	110086.61	1.9472	P	1.9	1.6
5	☐	25000.00	24987.20	216055.08	3.8298	P	0.9	-0.1
6	☐	50000.00	49956.56	434310.53	7.6553	P	1.3	-0.1

y = 1.5321E-004 * x + 0.0015
R = 1.0000
DL = 4.902 ug/l
BEC = 10.1 ug/l

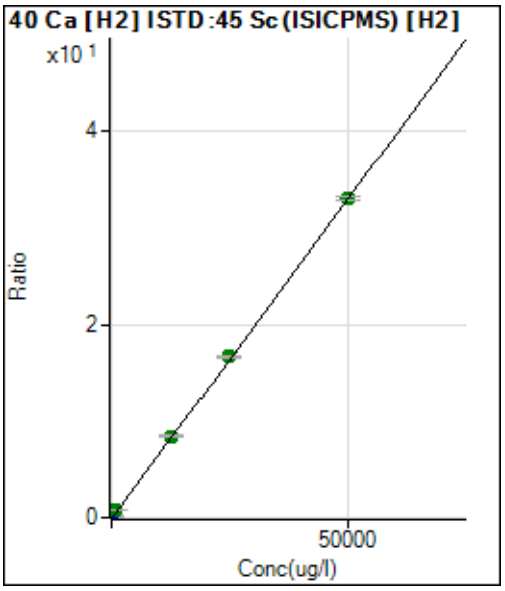
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Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	6437.10	0.1107	P	1.3	
2	☐	200.000	149.371	8589.37	0.1482	P	1.6	-25.3
3	☐	1000.000	1014.018	20971.37	0.3651	P	1.1	1.4
4	☐	12500.00	12586.48	184778.16	3.2681	P	1.4	0.7
5	☐	25000.00	24955.54	359410.42	6.3710	P	1.3	-0.2
6	☐	50000.00	50000.53	717866.03	12.653	P	1.6	0.0

y = 2.5086E-004 * x + 0.1107
R = 1.0000
DL = 17.44 ug/l
BEC = 441.2 ug/l

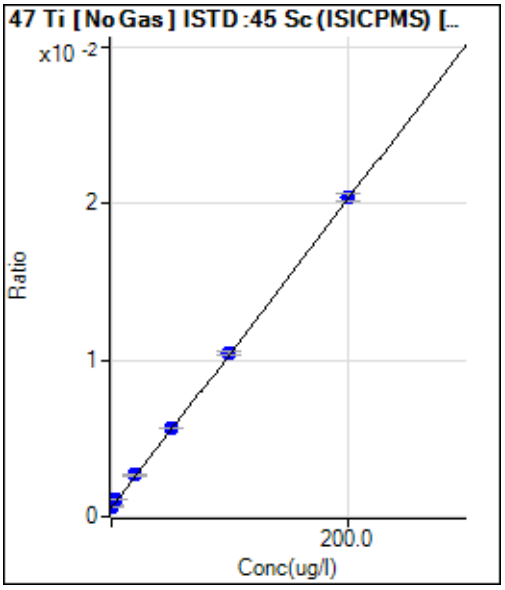
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	73332.27	0.0493	P	1.6	
2	☐	200.000	207.853	277366.78	0.1867	P	0.3	3.9
3	☐	1000.000	1052.834	1089356.91	0.7453	A	1.5	5.3
4	☐	12500.00	12663.20	12283690.23	8.4203	A	1.0	1.3
5	☐	25000.00	25111.04	24361610.75	16.648	A	1.0	0.4
6	☐	50000.00	49902.58	48271838.73	33.037	A	1.1	-0.2

y = 6.6105E-004 * x + 0.0493
R = 1.0000
DL = 3.541 ug/l
BEC = 74.6 ug/l

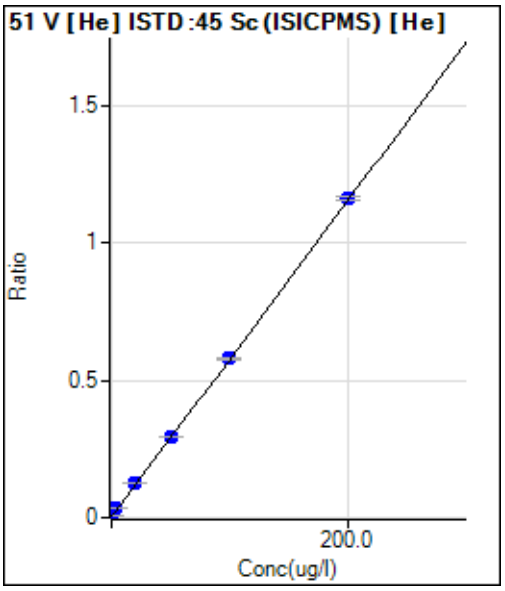
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Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	3283.75	0.0007	P	1.5	
2	☐	4.000	4.091	5167.66	0.0011	P	3.8	2.3
3	☐	20.000	20.149	12710.36	0.0027	P	2.0	0.7
4	☐	50.000	50.565	26872.91	0.0056	P	0.9	1.1
5	☐	100.000	98.952	49157.29	0.0104	P	2.2	-1.0
6	☐	200.000	200.366	96361.23	0.0204	P	2.3	0.2

y = 9.8340E-005 * x + 6.7333E-004
R = 1.0000
DL = 0.3115 ug/l
BEC = 6.847 ug/l

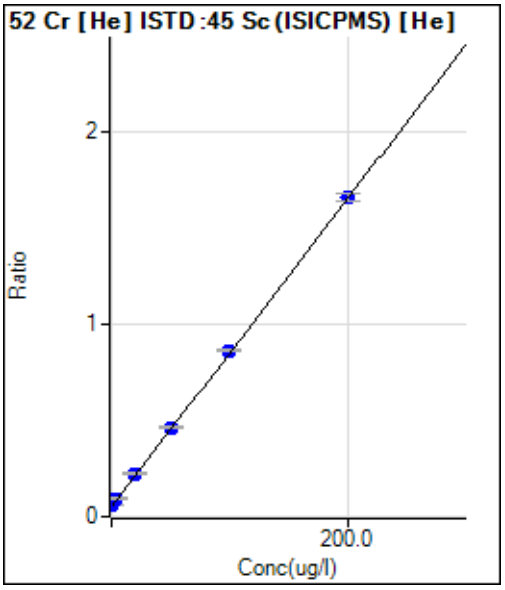
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Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	477.79	0.0082	P	3.8	
2	☐	4.000	4.233	1891.26	0.0326	P	2.3	5.8
3	☐	20.000	20.481	7257.52	0.1263	P	1.5	2.4
4	☐	50.000	49.781	16699.05	0.2953	P	1.0	-0.4
5	☐	100.000	99.065	32697.73	0.5796	P	1.0	-0.9
6	☐	200.000	200.470	66062.19	1.1645	P	1.5	0.2

y = 0.0058 * x + 0.0082
R = 1.0000
DL = 0.1606 ug/l
BEC = 1.424 ug/l

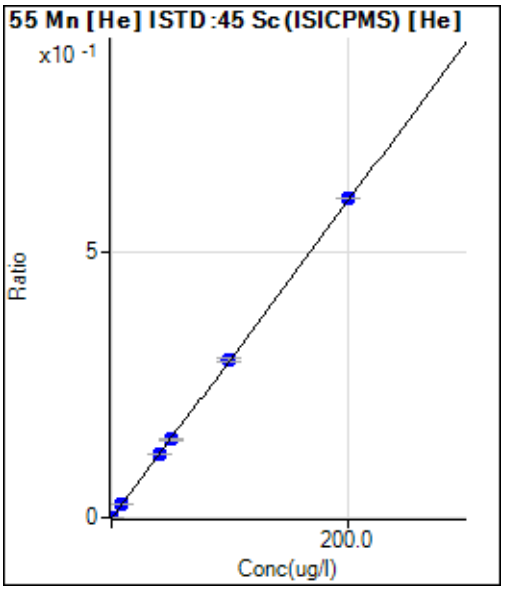
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	3517.14	0.0605	P	5.5	
2	☐	4.000	4.133	5430.00	0.0937	P	3.4	3.3
3	☐	20.000	20.397	12878.31	0.2242	P	3.0	2.0
4	☐	50.000	50.248	26221.73	0.4638	P	3.1	0.5
5	☐	100.000	100.213	48792.97	0.8649	P	1.5	0.2
6	☐	200.000	199.789	94407.28	1.6641	P	2.0	-0.1

y = 0.0080 * x + 0.0605
R = 1.0000
DL = 1.237 ug/l
BEC = 7.538 ug/l

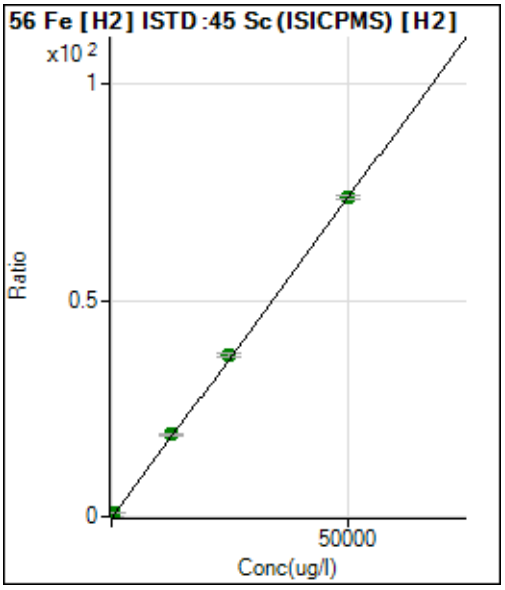
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Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	76.67	0.0013	P	5.3	
2	☐	8.000	7.762	1418.97	0.0245	P	5.2	-3.0
3	☐	40.000	39.709	6879.55	0.1198	P	1.9	-0.7
4	☐	50.000	48.794	8303.68	0.1469	P	1.7	-2.4
5	☐	100.000	99.145	16758.10	0.2971	P	2.2	-0.9
6	☐	200.000	200.797	34057.98	0.6003	P	0.4	0.4

y = 0.0030 * x + 0.0013
R = 1.0000
DL = 0.06968 ug/l
BEC = 0.4421 ug/l

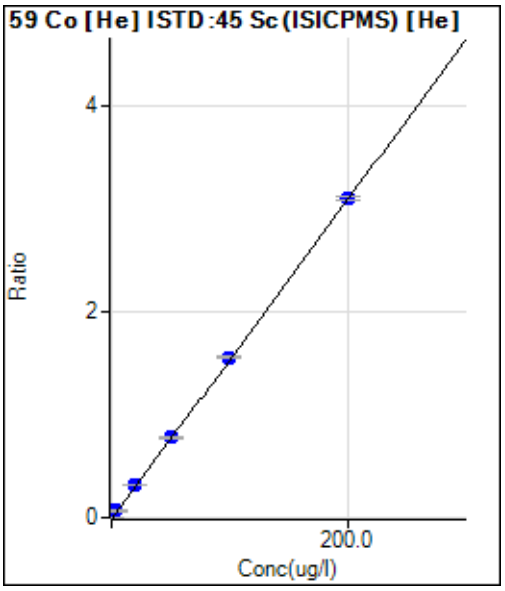
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Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	37659.49	0.0253	P	1.8	
2	☐	120.000	125.697	314099.11	0.2114	P	0.6	4.7
3	☐	600.000	637.119	1415905.69	0.9687	A	1.3	6.2
4	☐	12500.00	12754.05	27585136.26	18.909	A	1.9	2.0
5	☐	25000.00	25204.71	54643979.19	37.344	A	1.5	0.8
6	☐	50000.00	49833.67	107848743.9	73.812	A	1.3	-0.3

y = 0.0015 * x + 0.0253
R = 1.0000
DL = 0.9038 ug/l
BEC = 17.1 ug/l

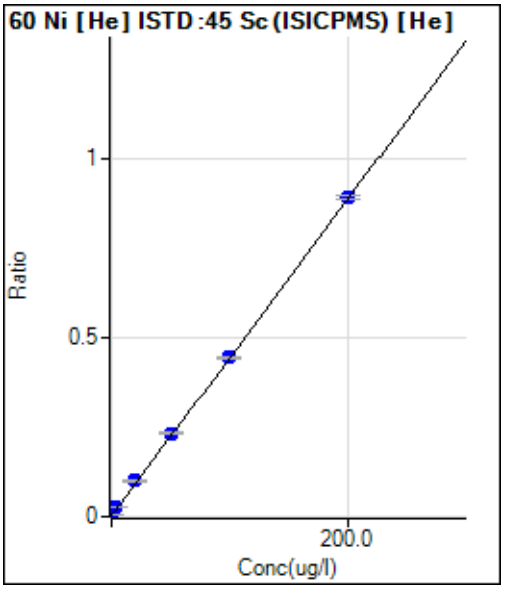
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Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	40.00	0.0007	P	25.7	
2	☐	4.000	4.171	3799.44	0.0655	P	2.2	4.3
3	☐	20.000	20.300	18167.70	0.3163	P	1.7	1.5
4	☐	50.000	50.036	44018.43	0.7786	P	2.1	0.1
5	☐	100.000	100.421	88113.25	1.5619	P	1.4	0.4
6	☐	200.000	199.747	176210.24	3.1060	P	1.5	-0.1

y = 0.0155 * x + 6.8882E-004
R = 1.0000
DL = 0.03413 ug/l
BEC = 0.04431 ug/l

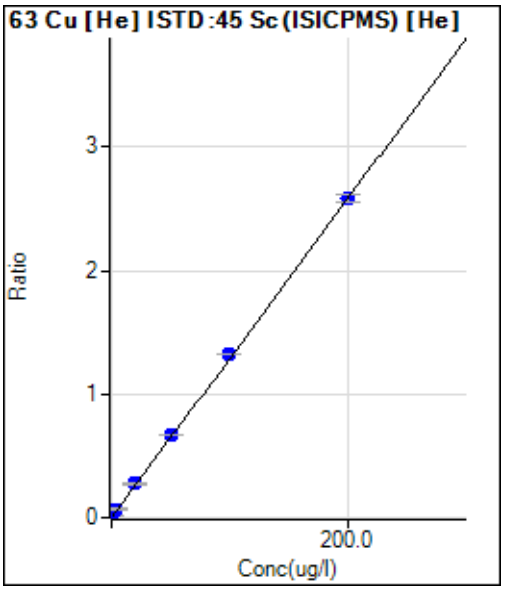
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	400.01	0.0069	P	5.5	
2	☐	4.000	4.328	1507.87	0.0260	P	7.0	8.2
3	☐	20.000	21.071	5745.69	0.1000	P	5.1	5.4
4	☐	50.000	50.977	13133.02	0.2323	P	2.7	2.0
5	☐	100.000	98.939	25067.55	0.4444	P	1.4	-1.1
6	☐	200.000	200.173	50605.65	0.8920	P	0.9	0.1

y = 0.0044 * x + 0.0069
R = 1.0000
DL = 0.2585 ug/l
BEC = 1.556 ug/l

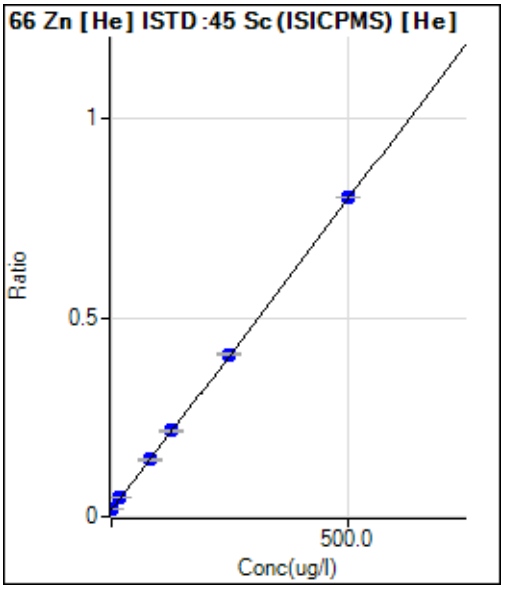
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Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	801.14	0.0138	P	3.8	
2	☐	4.000	4.355	4056.19	0.0700	P	3.6	8.9
3	☐	20.000	20.291	15831.51	0.2756	P	3.5	1.5
4	☐	50.000	50.622	37716.48	0.6671	P	1.3	1.2
5	☐	100.000	101.300	74530.28	1.3211	P	0.4	1.3
6	☐	200.000	199.158	146590.10	2.5840	P	2.3	-0.4

y = 0.0129 * x + 0.0138
R = 1.0000
DL = 0.1204 ug/l
BEC = 1.067 ug/l

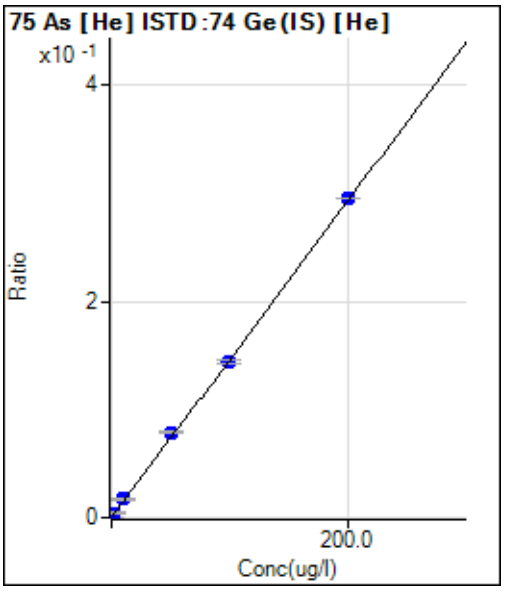
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1177.84	0.0203	P	3.5	
2	☐	16.000	17.244	2734.74	0.0472	P	4.5	7.8
3	☐	80.000	79.214	8265.90	0.1439	P	3.0	-1.0
4	☐	125.000	124.821	12162.13	0.2151	P	3.0	-0.1
5	☐	250.000	248.337	23012.73	0.4079	P	1.6	-0.7
6	☐	500.000	500.962	45520.04	0.8023	P	0.3	0.2

y = 0.0016 * x + 0.0203
R = 1.0000
DL = 1.362 ug/l
BEC = 12.98 ug/l

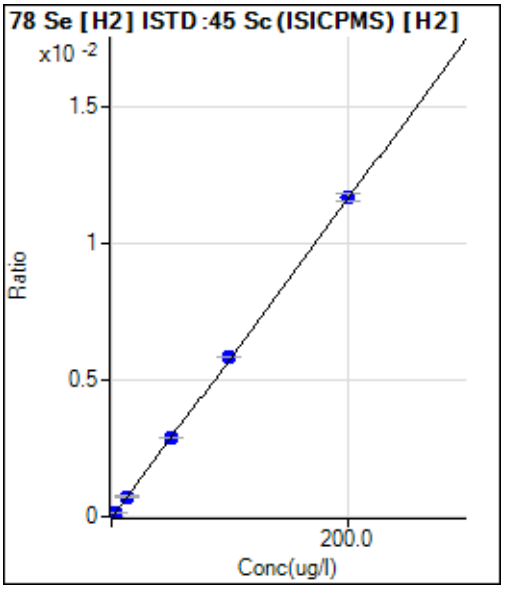
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	-0.994	7.78	0.0002	P	107.	
2	☐	2.000	1.812	160.00	0.0043	P	15.0	-9.4
3	☐	10.000	10.489	607.80	0.0170	P	12.4	4.9
4	☐	50.000	52.668	2814.76	0.0789	P	3.4	5.3
5	☐	100.000	97.432	5283.29	0.1445	P	3.3	-2.6
6	☐	200.000	200.594	10888.85	0.2957	P	0.5	0.3

y = 0.001466 * x + 0.001674
R = 0.9998
DL = 0.4747 ug/l
BEC = 1.142 ug/l

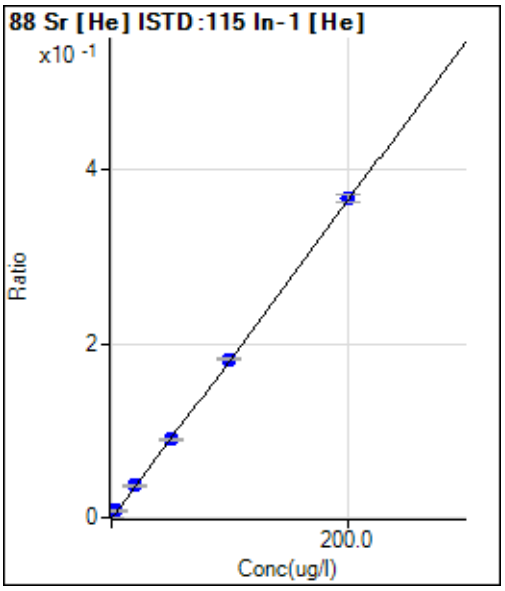
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	3.33	0.0000	P	100.	
2	☐	2.500	2.777	244.45	0.0002	P	6.9	11.1
3	☐	12.500	12.367	1060.05	0.0007	P	4.6	-1.1
4	☐	50.000	49.841	4255.14	0.0029	P	0.5	-0.3
5	☐	100.000	99.916	8552.75	0.0058	P	0.8	-0.1
6	☐	200.000	200.086	17097.48	0.0117	P	2.0	0.0

y = 5.8476E-005 * x + 2.2372E-006
R = 1.0000
DL = 0.1152 ug/l
BEC = 0.03826 ug/l

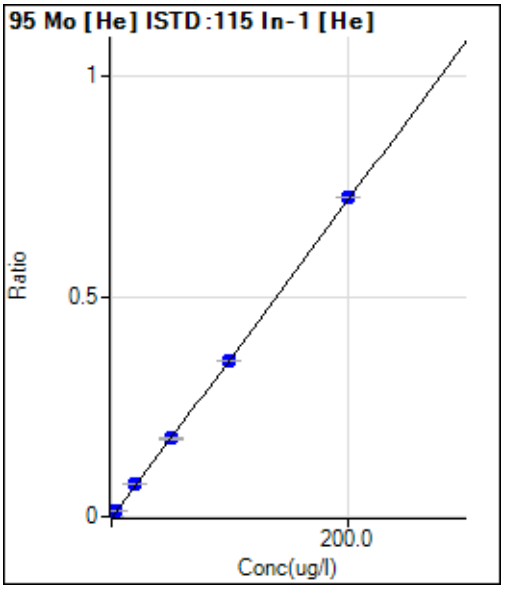
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	33.33	0.0004	P	20.4	
2	☐	4.000	4.059	720.03	0.0078	P	2.0	1.5
3	☐	20.000	19.979	3372.67	0.0369	P	3.1	-0.1
4	☐	50.000	49.207	8091.38	0.0905	P	2.1	-1.6
5	☐	100.000	99.277	16219.87	0.1822	P	1.3	-0.7
6	☐	200.000	200.561	32556.18	0.3676	P	2.3	0.3

y = 0.0018 * x + 3.6333E-004
R = 1.0000
DL = 0.1215 ug/l
BEC = 0.1984 ug/l

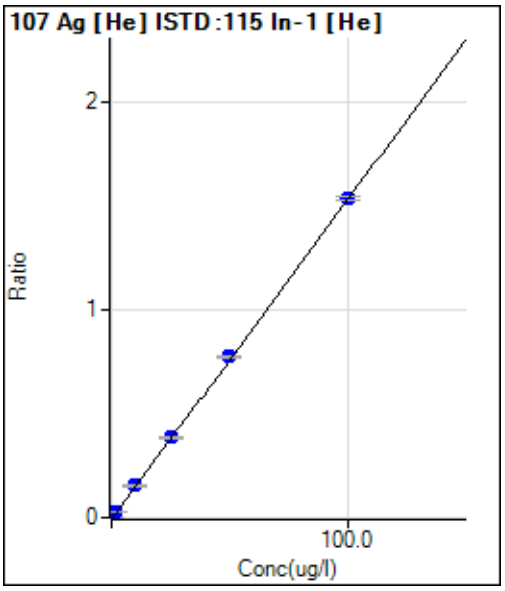
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Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	33.33	0.0004	P	30.4	
2	☐	4.000	3.806	1301.18	0.0141	P	4.7	-4.9
3	☐	20.000	20.196	6686.19	0.0732	P	0.8	1.0
4	☐	50.000	49.438	15980.81	0.1787	P	2.8	-1.1
5	☐	100.000	98.277	31605.18	0.3549	P	0.6	-1.7
6	☐	200.000	200.986	64251.12	0.7255	P	0.6	0.5

y = 0.0036 * x + 3.6338E-004
R = 0.9999
DL = 0.09197 ug/l
BEC = 0.1007 ug/l

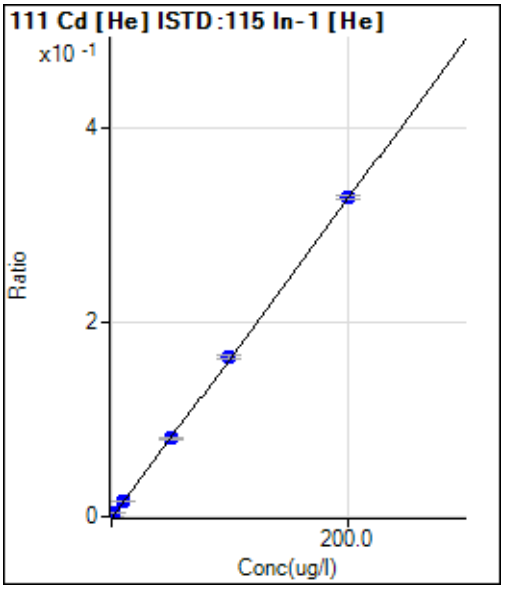
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	13.33	0.0001	P	90.0	
2	☐	2.000	2.045	2922.56	0.0317	P	3.9	2.3
3	☐	10.000	9.977	14049.77	0.1539	P	1.7	-0.2
4	☐	25.000	25.026	34490.51	0.3857	P	2.4	0.1
5	☐	50.000	50.250	68954.12	0.7744	P	0.6	0.5
6	☐	100.000	99.870	136280.64	1.5389	P	1.1	-0.1

y = 0.0154 * x + 1.4560E-004
R = 1.0000
DL = 0.02551 ug/l
BEC = 0.00945 ug/l

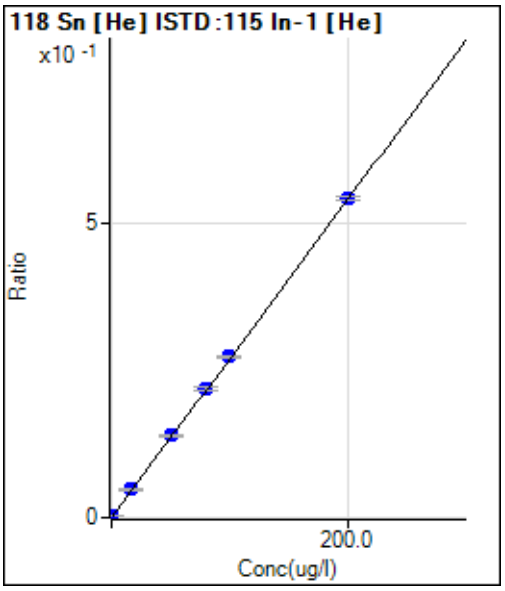
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1.11	0.0000	P	173.	
2	☐	2.000	1.916	291.12	0.0032	P	4.0	-4.2
3	☐	10.000	9.942	1488.98	0.0163	P	4.6	-0.6
4	☐	50.000	48.863	7164.20	0.0801	P	3.5	-2.3
5	☐	100.000	100.541	14675.96	0.1648	P	2.4	0.5
6	☐	200.000	200.017	29041.88	0.3279	P	0.6	0.0

y = 0.0016 * x + 1.2023E-005
R = 1.0000
DL = 0.0381 ug/l
BEC = 0.007333 ug/l

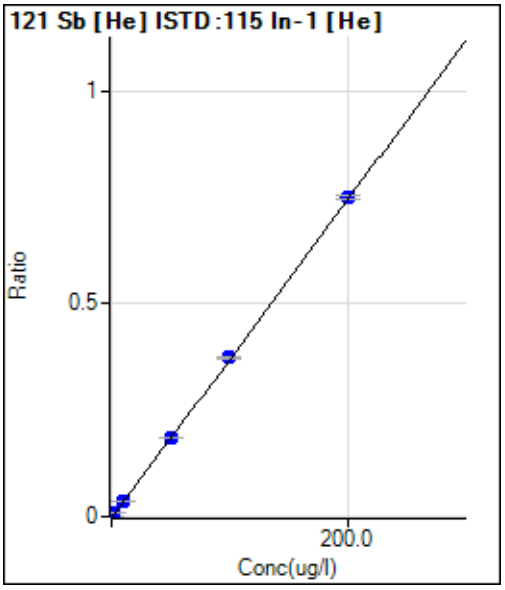
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	285.56	0.0031	P	7.3	
2	☐	16.000	16.424	4376.31	0.0474	P	3.6	2.7
3	☐	80.000	80.133	20005.33	0.2192	P	2.5	0.2
4	☐	50.000	50.451	12441.50	0.1391	P	1.2	0.9
5	☐	100.000	100.226	24335.93	0.2733	P	1.2	0.2
6	☐	200.000	199.687	47952.67	0.5415	P	1.3	-0.2

y = 0.0027 * x + 0.0031
R = 1.0000
DL = 0.2512 ug/l
BEC = 1.154 ug/l

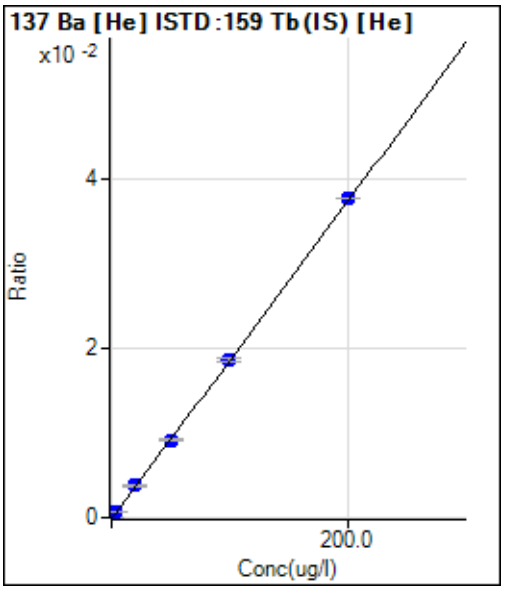
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	26.67	0.0003	P	11.9	
2	☐	2.000	2.006	720.03	0.0078	P	4.1	0.3
3	☐	10.000	9.841	3389.35	0.0371	P	2.8	-1.6
4	☐	50.000	49.172	16490.37	0.1844	P	0.5	-1.7
5	☐	100.000	99.576	33215.17	0.3731	P	1.7	-0.4
6	☐	200.000	200.427	66471.58	0.7506	P	1.6	0.2

y = 0.0037 * x + 2.9037E-004
R = 1.0000
DL = 0.02768 ug/l
BEC = 0.07757 ug/l

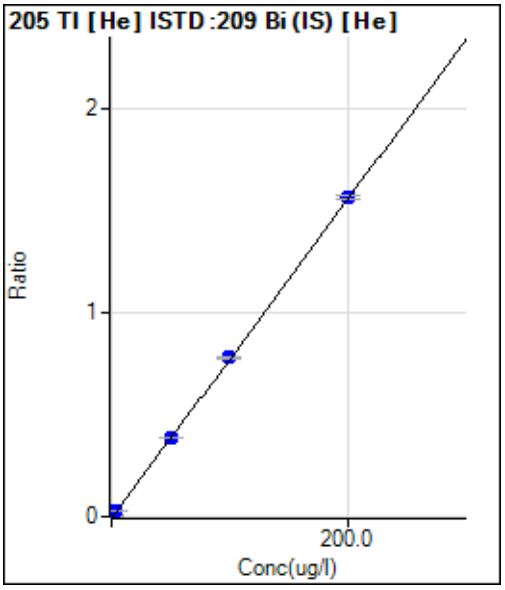
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	18.89	0.0000	P	44.4	
2	☐	4.000	3.725	411.12	0.0007	P	8.4	-6.9
3	☐	20.000	20.108	2114.63	0.0038	P	5.1	0.5
4	☐	50.000	48.420	5025.46	0.0091	P	1.9	-3.2
5	☐	100.000	99.170	10250.75	0.0186	P	1.6	-0.8
6	☐	200.000	200.805	20691.00	0.0377	P	0.2	0.4

y = 1.8760E-004 * x + 3.3723E-005
R = 0.9999
DL = 0.2394 ug/l
BEC = 0.1798 ug/l

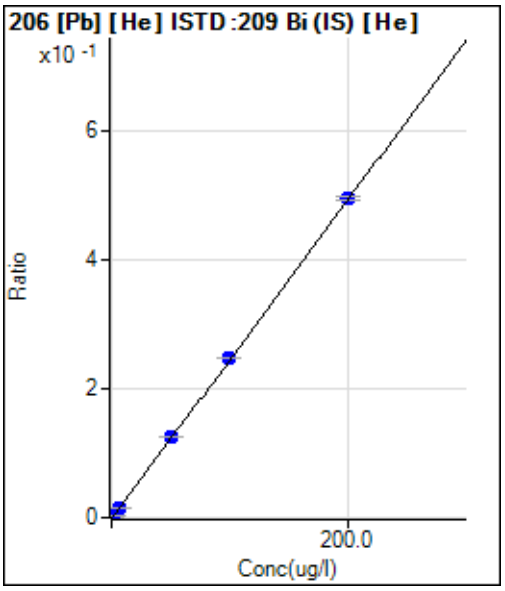
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	36.67	0.0001	P	32.5	
2	☐	0.800	0.808	3362.70	0.0064	P	1.2	1.0
3	☐	4.000	3.948	15965.88	0.0310	P	0.9	-1.3
4	☐	50.000	49.453	195203.15	0.3872	P	0.9	-1.1
5	☐	100.000	99.832	388404.18	0.7816	P	1.1	-0.2
6	☐	200.000	200.222	773593.63	1.5674	P	1.0	0.1

y = 0.0078 * x + 7.0506E-005
R = 1.0000
DL = 0.00878 ug/l
BEC = 0.009007 ug/l

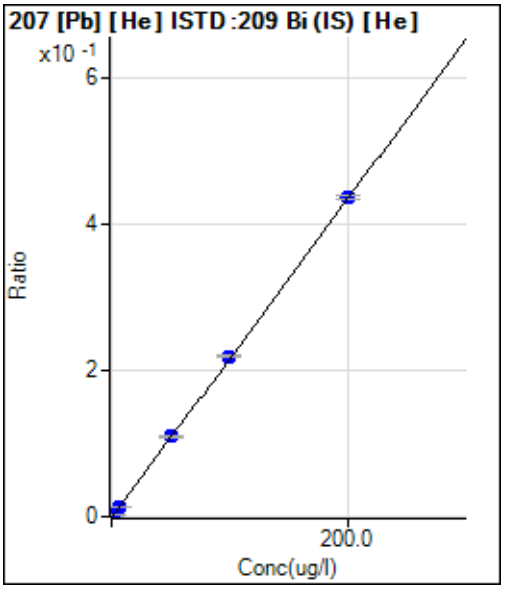
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Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	365.56	0.0007	P	7.5	
2	☐	1.200	1.208	1940.17	0.0037	P	2.4	0.6
3	☐	6.000	5.884	7866.97	0.0153	P	1.0	-1.9
4	☐	50.000	49.859	62536.95	0.1240	P	0.1	-0.3
5	☐	100.000	99.911	123170.77	0.2479	P	1.2	-0.1
6	☐	200.000	200.083	244602.90	0.4956	P	0.9	0.0

y = 0.0025 * x + 7.0350E-004
R = 1.0000
DL = 0.06401 ug/l
BEC = 0.2844 ug/l

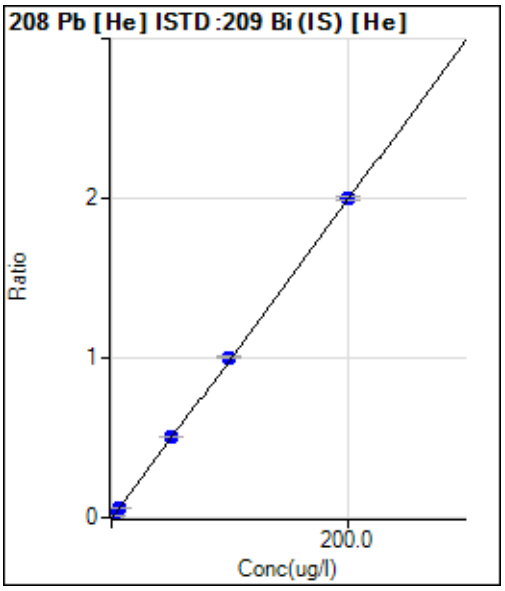
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	308.89	0.0006	P	4.7	
2	☐	1.200	1.166	1650.12	0.0031	P	6.5	-2.8
3	☐	6.000	6.117	7186.55	0.0139	P	3.6	1.9
4	☐	50.000	49.870	55163.19	0.1094	P	0.9	-0.3
5	☐	100.000	100.257	109030.61	0.2194	P	0.5	0.3
6	☐	200.000	199.901	215585.01	0.4368	P	0.8	0.0

y = 0.0022 * x + 5.9447E-004
R = 1.0000
DL = 0.03823 ug/l
BEC = 0.2724 ug/l

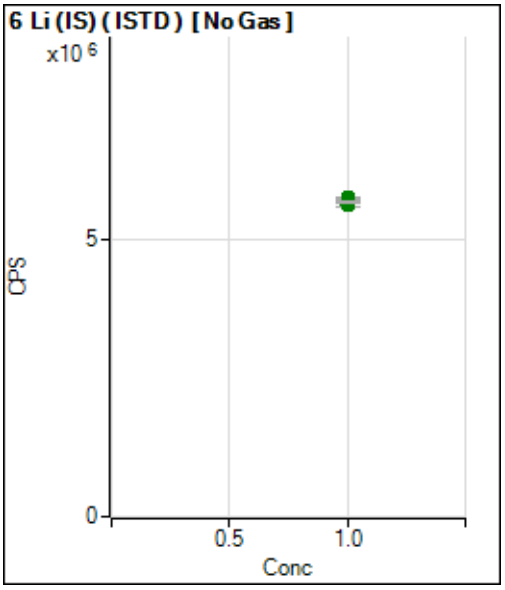
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Min Conc: <None>



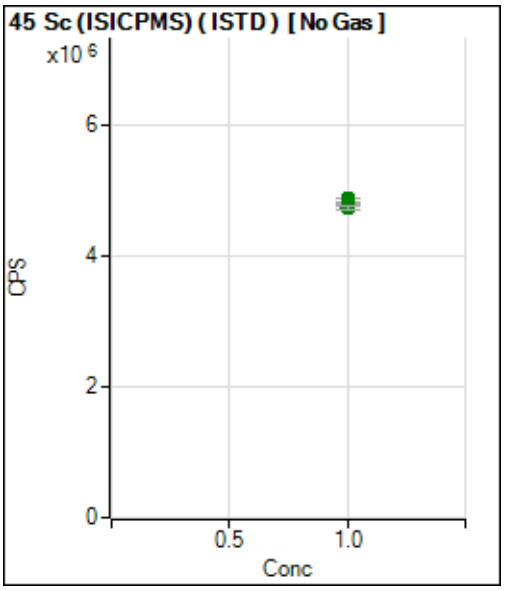
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1500.05	0.0029	P	1.7	
2	☐	1.200	1.210	7884.40	0.0150	P	4.5	0.9
3	☐	6.000	6.078	32841.86	0.0637	P	0.6	1.3
4	☐	50.000	49.996	253682.43	0.5032	P	0.5	0.0
5	☐	100.000	100.078	499117.53	1.0043	P	1.0	0.1
6	☐	200.000	199.959	988864.70	2.0038	P	0.8	0.0

y = 0.0100 * x + 0.0029
R = 1.0000
DL = 0.01433 ug/l
BEC = 0.2885 ug/l

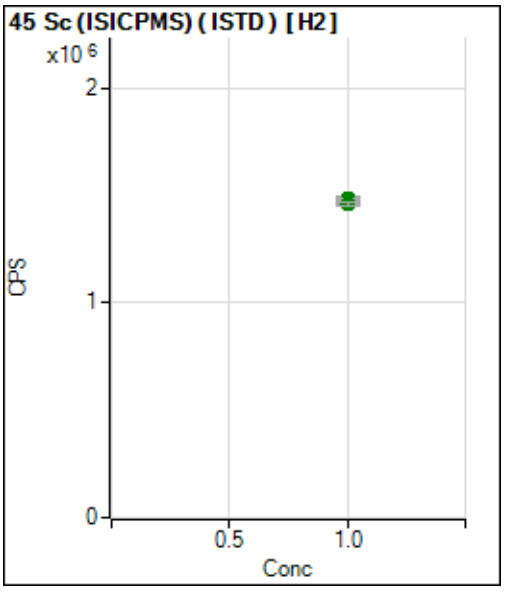
Weight: <None>
Min Conc: <None>



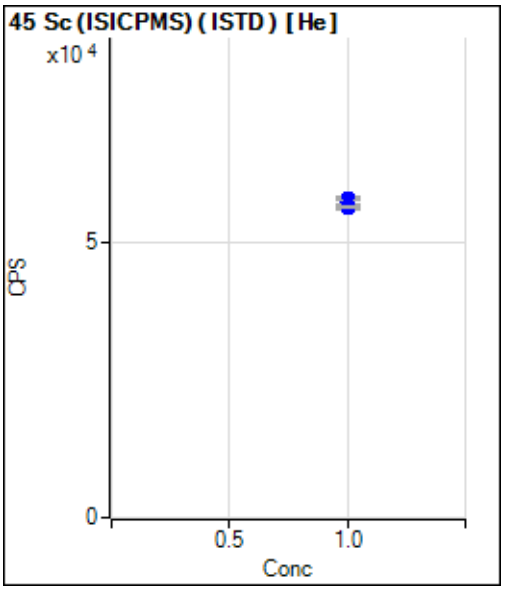
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		5754492.76		A	0.4	
2	☐	1.000		5748128.53		A	0.7	
3	☐	1.000		5712561.23		A	0.3	
4	☐	1.000		5677105.26		A	0.6	
5	☐	1.000		5617734.36		A	1.0	
6	☐	1.000		5652245.47		A	0.6	



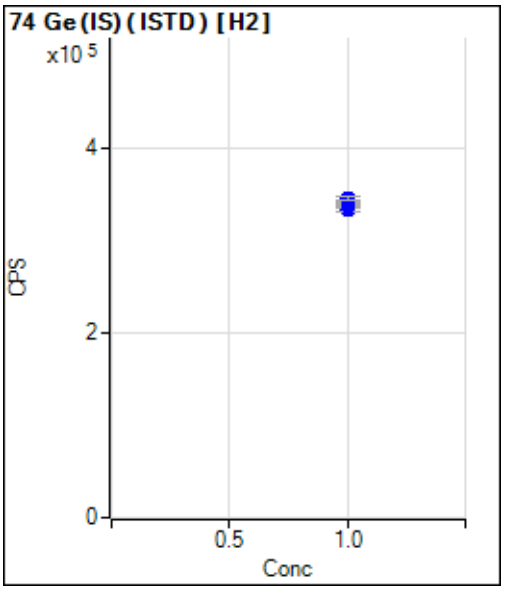
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		4876687.05		A	0.4	
2	☐	1.000		4804648.54		A	0.7	
3	☐	1.000		4787544.30		A	0.5	
4	☐	1.000		4759561.84		A	0.5	
5	☐	1.000		4725716.01		A	1.5	
6	☐	1.000		4729562.50		A	1.0	



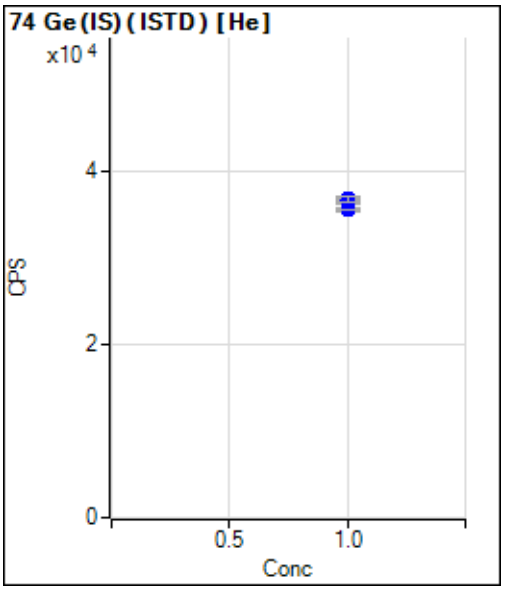
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		1487134.27		A	0.8	
2	☐	1.000		1485514.09		A	0.6	
3	☐	1.000		1461852.81		A	1.3	
4	☐	1.000		1458869.81		A	0.5	
5	☐	1.000		1463317.06		A	0.7	
6	☐	1.000		1461252.37		A	1.2	



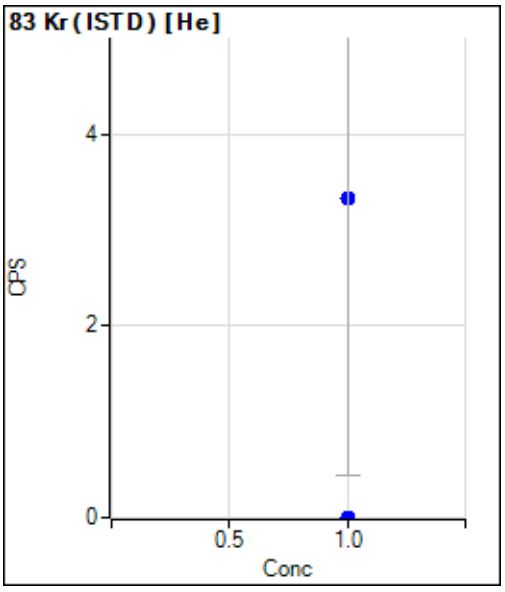
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		58158.32		P	1.3	
2	☐	1.000		57971.18		P	0.6	
3	☐	1.000		57449.79		P	1.3	
4	☐	1.000		56547.40		P	1.4	
5	☐	1.000		56415.68		P	0.5	
6	☐	1.000		56735.77		P	0.7	



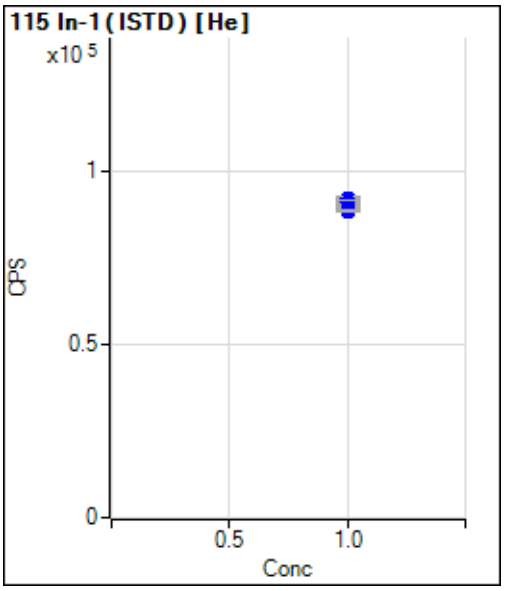
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		340680.16		P	0.7	
2	☐	1.000		337785.66		P	0.3	
3	☐	1.000		333565.22		P	1.1	
4	☐	1.000		338195.49		P	0.5	
5	☐	1.000		342174.23		P	0.6	
6	☐	1.000		346252.68		P	1.5	



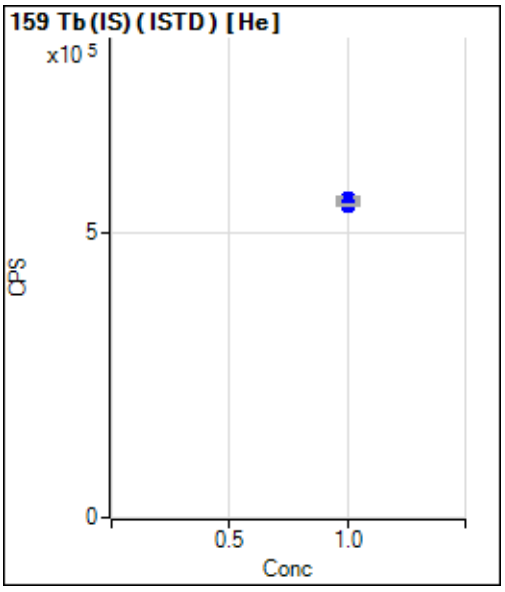
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		36206.05		P	1.9	
2	☐	1.000		36960.20		P	0.3	
3	☐	1.000		35675.78		P	1.6	
4	☐	1.000		35690.20		P	0.2	
5	☐	1.000		36575.93		P	1.1	
6	☐	1.000		36829.97		P	1.6	



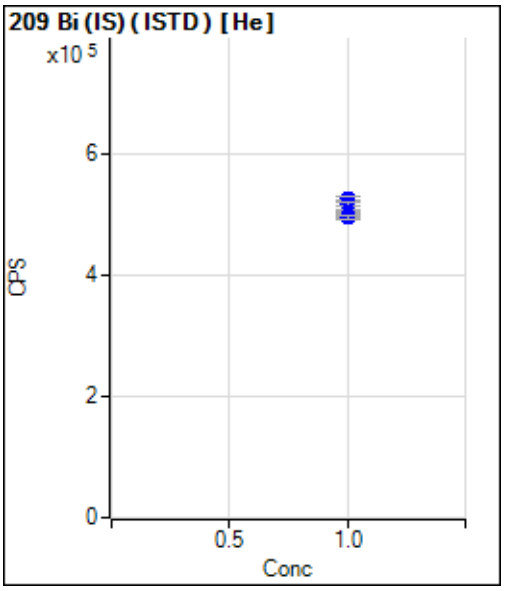
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		3.34		P	173.	
2	☐	1.000		0.00		P		
3	☐	1.000		3.34		P	173.	
4	☐	1.000		0.00		P		
5	☐	1.000		3.34		P	173.	
6	☐	1.000		3.34		P	173.	



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		91790.74		P	0.6	
2	☐	1.000		92346.62		P	1.0	
3	☐	1.000		91309.98		P	1.6	
4	☐	1.000		89437.09		P	1.5	
5	☐	1.000		89046.53		P	1.3	
6	☐	1.000		88562.01		P	0.6	



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		559959.82		P	0.3	
2	☐	1.000		561176.01		P	0.8	
3	☐	1.000		555269.96		P	1.9	
4	☐	1.000		551254.84		P	1.4	
5	☐	1.000		549985.82		P	0.7	
6	☐	1.000		548762.75		P	0.4	



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		519666.26		P	0.4	
2	☐	1.000		525616.68		P	0.6	
3	☐	1.000		515504.56		P	1.2	
4	☐	1.000		504167.62		P	0.8	
5	☐	1.000		497007.11		P	1.5	
6	☐	1.000		493514.26		P	1.1	

9-IN
DETECTION LIMITS
METALS

Lab Name: Eurofins Edison Job Number: 460-303245-1

SDG Number:

Matrix: Solid Instrument ID: ICPMS3

Method: 6020B MDL Date: 03/16/2023 00:00

Prep Method: 3050B

Analyte	Wavelength/ Mass	RL (mg/Kg)	MDL (mg/Kg)
Lead		0.6	0.2

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: Eurofins Edison Job Number: 460-303245-1

SDG Number:

Matrix: Solid Instrument ID: ICPMS3

Method: 6020B XMDL Date: 03/16/2023 00:00

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Lead		6	2

9-IN
DETECTION LIMITS
METALS

Lab Name: Eurofins Edison Job Number: 460-303245-1

SDG Number:

Matrix: Water Instrument ID: ICPMS5

Method: 6020B MDL Date: 03/17/2023 00:00

Prep Method: 3010A

Analyte	Wavelength/ Mass	RL (ug/L)	MDL (ug/L)
Lead		1.2	0.844

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: Eurofins Edison Job Number: 460-303245-1

SDG Number:

Matrix: Water Instrument ID: ICPMS5

Method: 6020B XMDL Date: 03/17/2023 00:00

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Lead		1.2	0.844

9-IN
DETECTION LIMITS
METALS

Lab Name: Eurofins Edison Job Number: 460-303245-1

SDG Number:

Matrix: Solid Instrument ID: ICPMS5

Method: 6020B MDL Date: 03/16/2023 00:00

Prep Method: 3050B

Analyte	Wavelength/ Mass	RL (mg/Kg)	MDL (mg/Kg)
Lead		0.6	0.2

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: Eurofins Edison Job Number: 460-303245-1

SDG Number:

Matrix: Solid Instrument ID: ICPMS5

Method: 6020B XMDL Date: 03/16/2023 00:00

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Lead		6	2

11-IN
LINEAR RANGES
METALS

Lab Name: Eurofins Edison Job No: 460-303245-1

SDG No.:

Instrument ID: ICPMS3 Date: 04/26/2023 00:00

Analyte	Integ. Time (Sec.)	Concentration (ug/L)	Method
Lead		20000	6020B

11-IN
LINEAR RANGES
METALS

Lab Name: Eurofins Edison Job No: 460-303245-1

SDG No.:

Instrument ID: ICPMS5 Date: 04/26/2023 00:00

Analyte	Integ. Time (Sec.)	Concentration (ug/L)	Method
Lead		20000	6020B

12-IN
PREPARATION LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Prep Method: 3010A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 460-973170/1-A	05/06/2024 07:14	973170		50	50
LCS 460-973170/2-A	05/06/2024 07:14	973170		50	50
460-303181-I-5-B DU	05/06/2024 07:14	973170		50	50
460-303181-I-5-C MS	05/06/2024 07:14	973170		50	50
460-303181-I-5-D MSD	05/06/2024 07:14	973170		50	50
460-303245-6	05/06/2024 07:14	973170		50	50

12-IN
PREPARATION LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Prep Method: 3050B

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 460-973567/1-A	05/08/2024 06:25	973567	1.00		100
LCSSRM 460-973567/2-A ^3	05/08/2024 06:25	973567	1.00		100
460-303238-K-1-C DU	05/08/2024 06:25	973567	1.00		100
460-303238-K-1-D MS	05/08/2024 06:25	973567	1.00		100
460-303245-2	05/08/2024 06:25	973567	1.10		100
460-303245-3	05/08/2024 06:25	973567	1.05		100
460-303245-4	05/08/2024 06:25	973567	1.05		100
460-303245-5	05/08/2024 06:25	973567	1.05		100

12-IN
PREPARATION LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Prep Method: 3050B

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 460-974363/1-A	05/11/2024 22:45	974363	1.00		100
LCSSRM 460-974363/2-A ^3	05/11/2024 22:45	974363	1.00		100
460-303659-A-2-G DU	05/11/2024 22:45	974363	1.30		100
460-303659-E-2-K MS	05/11/2024 22:45	974363	1.28		100
460-303659-E-2-L MSD	05/11/2024 22:45	974363	1.29		100
460-303245-1	05/11/2024 22:45	974363	1.28		100

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Instrument ID: ICPMS3 Method: 6020B

Start Date: 05/08/2024 10:50 End Date: 05/08/2024 22:12

Lab Sample ID	D / F	Type	Time	Analytes																			
				Pb																			
IC 460-973688/1	1		10:50	X																			
IC 460-973688/2	1		10:53	X																			
IC 460-973688/3	1		10:55	X																			
IC 460-973688/4	1		10:58	X																			
IC 460-973688/5	1		11:01	X																			
IC 460-973688/6	1		11:03	X																			
ICV 460-973688/7	1		11:06	X																			
ICB 460-973688/8	1		11:08	X																			
CRI 460-973688/9			11:10																				
ICSA 460-973688/10	1		11:13	X																			
ICSAB 460-973688/11	1		11:15	X																			
LRC 460-973688/12	1		11:17	X																			
LRC 460-973688/13	1		11:20	X																			
LRC 460-973688/14	1		11:22	X																			
ZZZZZZ			11:24																				
ZZZZZZ			11:27																				
ZZZZZZ			11:29																				
ZZZZZZ			11:32																				
CCV 460-973688/19	1		11:34	X																			
CCB 460-973688/20	1		11:36	X																			
ZZZZZZ			11:40																				
ZZZZZZ			11:42																				
ZZZZZZ			11:45																				
ZZZZZZ			11:47																				
ZZZZZZ			11:49																				
ZZZZZZ			11:52																				
ZZZZZZ			11:54																				
ZZZZZZ			11:56																				
ZZZZZZ			11:59																				
ZZZZZZ			12:01																				
CCV 460-973688/31			12:03																				
CCB 460-973688/32			12:06																				
ZZZZZZ			12:08																				
ZZZZZZ			12:10																				
ZZZZZZ			12:13																				
ZZZZZZ			12:15																				
ZZZZZZ			12:17																				
ZZZZZZ			12:20																				
ZZZZZZ			12:22																				
ZZZZZZ			12:24																				
ZZZZZZ			12:27																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Instrument ID: ICPMS3 Method: 6020B

Start Date: 05/08/2024 10:50 End Date: 05/08/2024 22:12

Lab Sample ID	D / F	Type	Time	Analytes																			
				Pb																			
ZZZZZZ			12:29																				
CCV 460-973688/43			12:31																				
CCB 460-973688/44			12:34																				
ZZZZZZ			12:36																				
ZZZZZZ			12:38																				
ZZZZZZ			12:41																				
ZZZZZZ			12:43																				
ZZZZZZ			12:45																				
ZZZZZZ			12:48																				
ZZZZZZ			12:51																				
CCV 460-973688/52			12:54																				
CCB 460-973688/53			12:56																				
ZZZZZZ			12:58																				
ZZZZZZ			13:01																				
ZZZZZZ			13:03																				
ZZZZZZ			13:06																				
ZZZZZZ			13:08																				
ZZZZZZ			13:10																				
ZZZZZZ			13:13																				
ZZZZZZ			13:15																				
ZZZZZZ			13:17																				
ZZZZZZ			13:20																				
CCV 460-973688/64			13:22																				
CCB 460-973688/65			13:24																				
ZZZZZZ			13:27																				
ZZZZZZ			13:29																				
ZZZZZZ			13:31																				
ZZZZZZ			13:34																				
ZZZZZZ			13:36																				
ZZZZZZ			13:38																				
ZZZZZZ			13:41																				
ZZZZZZ			13:43																				
ZZZZZZ			13:45																				
ZZZZZZ			13:48																				
CCV 460-973688/76			13:50																				
CCB 460-973688/77			13:52																				
ZZZZZZ			13:55																				
ZZZZZZ			13:57																				
ZZZZZZ			13:59																				
ZZZZZZ			14:02																				
ZZZZZZ			14:04																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Instrument ID: ICPMS3 Method: 6020B

Start Date: 05/08/2024 10:50 End Date: 05/08/2024 22:12

Lab Sample ID	D / F	Type	Time	Analytes																			
				Pb																			
ZZZZZZ			14:06																				
ZZZZZZ			14:09																				
ZZZZZZ			14:11																				
CCV 460-973688/86			14:14																				
CCB 460-973688/87			14:16																				
ZZZZZZ			14:18																				
ZZZZZZ			14:21																				
ZZZZZZ			14:23																				
ZZZZZZ			14:25																				
ZZZZZZ			14:28																				
ZZZZZZ			14:30																				
ZZZZZZ			14:32																				
ZZZZZZ			14:35																				
ZZZZZZ			14:37																				
ZZZZZZ			14:39																				
CCV 460-973688/98	1		14:42	X																			
CCB 460-973688/99	1		14:44	X																			
ZZZZZZ			14:46																				
460-303245-2	1	T	14:49	X																			
460-303245-3	1	T	14:51	X																			
460-303245-4	1	T	14:53	X																			
460-303245-5	1	T	14:56	X																			
ZZZZZZ			14:58																				
CCV 460-973688/106	1		15:01	X																			
CCB 460-973688/107	1		15:03	X																			
ZZZZZZ			15:21																				
ZZZZZZ			15:23																				
ZZZZZZ			15:25																				
ZZZZZZ			15:28																				
ZZZZZZ			15:30																				
ZZZZZZ			15:32																				
ZZZZZZ			15:35																				
ZZZZZZ			15:37																				
ZZZZZZ			15:40																				
ZZZZZZ			15:42																				
CCV 460-973688/118			15:44																				
CCB 460-973688/119			15:47																				
ZZZZZZ			15:49																				
ZZZZZZ			15:51																				
ZZZZZZ			15:54																				
ZZZZZZ			15:56																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Instrument ID: ICPMS3 Method: 6020B

Start Date: 05/08/2024 10:50 End Date: 05/08/2024 22:12

Lab Sample ID	D / F	Type	Time	Analytes																			
				Pb																			
ZZZZZZ			15:59																				
ZZZZZZ			16:01																				
ZZZZZZ			16:03																				
ZZZZZZ			16:06																				
ZZZZZZ			16:08																				
ZZZZZZ			16:10																				
CCV 460-973688/130			16:13																				
CCB 460-973688/131			16:15																				
ZZZZZZ			16:17																				
ZZZZZZ			16:20																				
ZZZZZZ			16:22																				
ZZZZZZ			16:24																				
ZZZZZZ			16:27																				
ZZZZZZ			16:30																				
ZZZZZZ			16:32																				
ZZZZZZ			16:35																				
CCV 460-973688/140			16:37																				
CCB 460-973688/141			16:40																				
ZZZZZZ			16:44																				
ZZZZZZ			16:46																				
ZZZZZZ			16:48																				
ZZZZZZ			16:51																				
ZZZZZZ			16:53																				
ZZZZZZ			16:55																				
ZZZZZZ			16:58																				
ZZZZZZ			17:00																				
ZZZZZZ			17:02																				
ZZZZZZ			17:05																				
CCV 460-973688/152			17:07																				
CCB 460-973688/153			17:09																				
ZZZZZZ			17:12																				
ZZZZZZ			17:14																				
ZZZZZZ			17:16																				
ZZZZZZ			17:18																				
ZZZZZZ			17:21																				
ZZZZZZ			17:23																				
ZZZZZZ			17:25																				
ZZZZZZ			17:28																				
ZZZZZZ			17:30																				
ZZZZZZ			17:32																				
CCV 460-973688/164			17:35																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Instrument ID: ICPMS3 Method: 6020B

Start Date: 05/08/2024 10:50 End Date: 05/08/2024 22:12

Lab Sample ID	D / F	Type	Time	Analytes																			
				Pb																			
CCB 460-973688/165			17:37																				
ZZZZZZ			17:39																				
ZZZZZZ			17:42																				
ZZZZZZ			17:44																				
ZZZZZZ			17:46																				
ZZZZZZ			17:49																				
ZZZZZZ			17:51																				
ZZZZZZ			17:53																				
CCV 460-973688/173			17:56																				
CCB 460-973688/174			17:58																				
ZZZZZZ			18:00																				
ZZZZZZ			18:03																				
ZZZZZZ			18:05																				
ZZZZZZ			18:07																				
ZZZZZZ			18:10																				
ZZZZZZ			18:12																				
ZZZZZZ			18:14																				
ZZZZZZ			18:17																				
ZZZZZZ			18:19																				
ZZZZZZ			18:21																				
CCV 460-973688/185			18:24																				
CCB 460-973688/186			18:26																				
ZZZZZZ			18:28																				
ZZZZZZ			18:31																				
ZZZZZZ			18:33																				
ZZZZZZ			18:35																				
ZZZZZZ			18:38																				
ZZZZZZ			18:40																				
ZZZZZZ			18:42																				
ZZZZZZ			18:45																				
ZZZZZZ			18:47																				
ZZZZZZ			18:50																				
CCV 460-973688/197			18:52																				
CCB 460-973688/198			18:54																				
ZZZZZZ			18:57																				
ZZZZZZ			18:59																				
ZZZZZZ			19:01																				
ZZZZZZ			19:04																				
ZZZZZZ			19:06																				
ZZZZZZ			19:08																				
ZZZZZZ			19:11																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Instrument ID: ICPMS3 Method: 6020B

Start Date: 05/08/2024 10:50 End Date: 05/08/2024 22:12

Lab Sample ID	D / F	Type	Time	Analytes																			
				Pb																			
ZZZZZZ			19:13																				
CCV 460-973688/207			19:15																				
CCB 460-973688/208			19:18																				
ZZZZZZ			19:20																				
ZZZZZZ			19:22																				
ZZZZZZ			19:25																				
ZZZZZZ			19:27																				
ZZZZZZ			19:29																				
ZZZZZZ			19:32																				
ZZZZZZ			19:34																				
ZZZZZZ			19:36																				
CCV 460-973688/217			19:39																				
CCB 460-973688/218			19:41																				
ZZZZZZ			19:43																				
ZZZZZZ			19:46																				
ZZZZZZ			19:48																				
ZZZZZZ			19:50																				
ZZZZZZ			19:53																				
ZZZZZZ			19:55																				
ZZZZZZ			19:57																				
ZZZZZZ			20:00																				
ZZZZZZ			20:02																				
ZZZZZZ			20:04																				
CCV 460-973688/229			20:07																				
CCB 460-973688/230			20:09																				
ZZZZZZ			20:12																				
ZZZZZZ			20:14																				
ZZZZZZ			20:16																				
ZZZZZZ			20:19																				
ZZZZZZ			20:21																				
ZZZZZZ			20:23																				
ZZZZZZ			20:26																				
ZZZZZZ			20:28																				
ZZZZZZ			20:31																				
ZZZZZZ			20:33																				
CCV 460-973688/241			20:35																				
CCB 460-973688/242			20:38																				
ZZZZZZ			20:40																				
ZZZZZZ			20:42																				
ZZZZZZ			20:45																				
ZZZZZZ			20:47																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Instrument ID: ICPMS3 Method: 6020B

Start Date: 05/08/2024 10:50 End Date: 05/08/2024 22:12

Lab Sample ID	D / F	Type	Time	Analytes																			
				Pb																			
ZZZZZZ			20:49																				
ZZZZZZ			20:52																				
ZZZZZZ			20:54																				
ZZZZZZ			20:57																				
ZZZZZZ			20:59																				
ZZZZZZ			21:01																				
CCV 460-973688/253			21:04																				
CCB 460-973688/254			21:06																				
ZZZZZZ			21:08																				
ZZZZZZ			21:11																				
ZZZZZZ			21:13																				
ZZZZZZ			21:15																				
ZZZZZZ			21:18																				
ZZZZZZ			21:20																				
ZZZZZZ			21:23																				
CCV 460-973688/262			21:25																				
CCB 460-973688/263			21:27																				
ZZZZZZ			21:30																				
ZZZZZZ			21:32																				
ZZZZZZ			21:34																				
ZZZZZZ			21:37																				
ZZZZZZ			21:39																				
ZZZZZZ			21:41																				
ZZZZZZ			21:44																				
ZZZZZZ			21:46																				
ZZZZZZ			21:48																				
ZZZZZZ			21:51																				
CCV 460-973688/274			21:53																				
CCB 460-973688/275			21:56																				
ZZZZZZ			21:58																				
ZZZZZZ			22:00																				
ZZZZZZ			22:03																				
ZZZZZZ			22:05																				
ZZZZZZ			22:07																				
CCV 460-973688/281			22:10																				
CCB 460-973688/282			22:12																				

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Instrument ID: ICPMS5 Method: 6020B

Start Date: 05/07/2024 11:48 End Date: 05/08/2024 03:18

Lab Sample ID	D / F	Type	Time	Analytes																			
				Pb																			
IC 460-973456/1	1		11:48	X																			
IC 460-973456/2	1		11:51	X																			
IC 460-973456/3	1		11:53	X																			
IC 460-973456/4	1		11:56	X																			
IC 460-973456/5	1		11:59	X																			
IC 460-973456/6	1		12:01	X																			
ICV 460-973456/7	1		12:04	X																			
ICB 460-973456/8	1		12:06	X																			
CRI 460-973456/9			12:09																				
ICSA 460-973456/10	1		12:12	X																			
ICSAB 460-973456/11	1		12:15	X																			
LRC 460-973456/12	1		12:17	X																			
LRC 460-973456/13	1		12:19	X																			
LRC 460-973456/14	1		12:22	X																			
ZZZZZZ			12:24																				
ZZZZZZ			12:27																				
ZZZZZZ			12:29																				
ZZZZZZ			12:31																				
CCV 460-973456/19	1		12:34	X																			
CCB 460-973456/20	1		12:36	X																			
ZZZZZZ			12:40																				
ZZZZZZ			12:43																				
ZZZZZZ			12:45																				
ZZZZZZ			12:47																				
ZZZZZZ			12:50																				
ZZZZZZ			12:52																				
ZZZZZZ			12:55																				
ZZZZZZ			12:57																				
ZZZZZZ			12:59																				
ZZZZZZ			13:02																				
CCV 460-973456/31			13:04																				
CCB 460-973456/32			13:06																				
ZZZZZZ			13:09																				
ZZZZZZ			13:11																				
ZZZZZZ			13:13																				
ZZZZZZ			13:16																				
ZZZZZZ			13:18																				
ZZZZZZ			13:21																				
ZZZZZZ			13:23																				
ZZZZZZ			13:25																				
ZZZZZZ			13:28																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Instrument ID: ICPMS5 Method: 6020B

Start Date: 05/07/2024 11:48 End Date: 05/08/2024 03:18

Lab Sample ID	D / F	Type	Time	Analytes																			
				Pb																			
ZZZZZZ			13:30																				
CCV 460-973456/43			13:32																				
CCB 460-973456/44			13:35																				
ZZZZZZ			13:37																				
ZZZZZZ			13:39																				
ZZZZZZ			13:42																				
ZZZZZZ			13:44																				
ZZZZZZ			13:46																				
ZZZZZZ			13:49																				
ZZZZZZ			13:51																				
ZZZZZZ			13:54																				
CCV 460-973456/53			13:56																				
CCB 460-973456/54			13:58																				
ZZZZZZ			14:01																				
ZZZZZZ			14:03																				
ZZZZZZ			14:05																				
ZZZZZZ			14:08																				
ZZZZZZ			14:10																				
ZZZZZZ			14:13																				
ZZZZZZ			14:15																				
ZZZZZZ			14:17																				
ZZZZZZ			14:20																				
ZZZZZZ			14:22																				
CCV 460-973456/65			14:24																				
CCB 460-973456/66			14:27																				
ZZZZZZ			14:29																				
ZZZZZZ			14:32																				
ZZZZZZ			14:34																				
ZZZZZZ			14:36																				
ZZZZZZ			14:39																				
ZZZZZZ			14:41																				
ZZZZZZ			14:43																				
ZZZZZZ			14:46																				
ZZZZZZ			14:48																				
ZZZZZZ			14:51																				
CCV 460-973456/77			14:53																				
CCB 460-973456/78			14:55																				
ZZZZZZ			14:58																				
ZZZZZZ			15:00																				
ZZZZZZ			15:02																				
ZZZZZZ			15:05																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Instrument ID: ICPMS5 Method: 6020B

Start Date: 05/07/2024 11:48 End Date: 05/08/2024 03:18

Lab Sample ID	D / F	Type	Time	Analytes																			
				Pb																			
ZZZZZZ			15:07																				
ZZZZZZ			15:10																				
ZZZZZZ			15:12																				
CCV 460-973456/86			15:14																				
CCB 460-973456/87			15:17																				
ZZZZZZ			15:19																				
ZZZZZZ			15:21																				
ZZZZZZ			15:24																				
ZZZZZZ			15:26																				
ZZZZZZ			15:28																				
ZZZZZZ			15:31																				
ZZZZZZ			15:33																				
ZZZZZZ			15:36																				
ZZZZZZ			15:38																				
CCV 460-973456/97			15:40																				
CCB 460-973456/98			15:43																				
ZZZZZZ			15:45																				
ZZZZZZ			15:47																				
ZZZZZZ			15:50																				
ZZZZZZ			15:52																				
ZZZZZZ			15:54																				
ZZZZZZ			15:57																				
CCV 460-973456/105			15:59																				
CCB 460-973456/106			16:02																				
ZZZZZZ			16:04																				
ZZZZZZ			16:07																				
ZZZZZZ			16:09																				
ZZZZZZ			16:11																				
ZZZZZZ			16:14																				
ZZZZZZ			16:16																				
ZZZZZZ			16:18																				
ZZZZZZ			16:21																				
ZZZZZZ			16:23																				
CCV 460-973456/116			16:26																				
CCB 460-973456/117			16:28																				
ZZZZZZ			16:30																				
ZZZZZZ			16:33																				
ZZZZZZ			16:35																				
ZZZZZZ			16:37																				
ZZZZZZ			16:40																				
ZZZZZZ			16:42																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Instrument ID: ICPMS5 Method: 6020B

Start Date: 05/07/2024 11:48 End Date: 05/08/2024 03:18

Lab Sample ID	D / F	Type	Time	Analytes																			
				Pb																			
ZZZZZZ			16:45																				
ZZZZZZ			16:47																				
CCV 460-973456/126			16:49																				
CCB 460-973456/127			16:52																				
CCV 460-973456/128			16:54																				
CCB 460-973456/129			16:56																				
ZZZZZZ			17:39																				
ZZZZZZ			17:41																				
ZZZZZZ			17:43																				
ZZZZZZ			17:46																				
ZZZZZZ			17:48																				
ZZZZZZ			17:50																				
ZZZZZZ			17:53																				
ZZZZZZ			17:55																				
ZZZZZZ			17:58																				
CCV 460-973456/139			18:00																				
CCB 460-973456/140			18:02																				
ZZZZZZ			18:05																				
ZZZZZZ			18:07																				
CCV 460-973456/143	1		18:09	X																			
CCB 460-973456/144	1		18:12	X																			
MB 460-973170/1-A	1	T	18:14	X																			
LCS 460-973170/2-A	1	T	18:16	X																			
460-303181-I-5-A PDS	1	T	18:19	X																			
460-303181-I-5-D MSD	1	T	18:21	X																			
460-303181-I-5-C MS	1	T	18:24	X																			
460-303181-I-5-B DU	1	T	18:26	X																			
ZZZZZZ			18:28																				
460-303181-I-5-A SD ^5	5	T	18:31	X																			
CCV 460-973456/153	1		18:33	X																			
CCB 460-973456/154	1		18:35	X																			
ZZZZZZ			18:47																				
ZZZZZZ			18:49																				
ZZZZZZ			18:52																				
ZZZZZZ			18:54																				
ZZZZZZ			18:57																				
ZZZZZZ			18:59																				
ZZZZZZ			19:01																				
ZZZZZZ			19:04																				
ZZZZZZ			19:07																				
ZZZZZZ			19:10																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Instrument ID: ICPMS5 Method: 6020B

Start Date: 05/07/2024 11:48 End Date: 05/08/2024 03:18

Lab Sample ID	D / F	Type	Time	Analytes																			
				Pb																			
ZZZZZZ			19:12																				
ZZZZZZ			19:14																				
CCV 460-973456/167			19:21																				
CCB 460-973456/168			19:23																				
ZZZZZZ			19:25																				
ZZZZZZ			19:28																				
ZZZZZZ			19:30																				
ZZZZZZ			19:32																				
ZZZZZZ			19:35																				
ZZZZZZ			19:37																				
ZZZZZZ			19:40																				
CCV 460-973456/176	1		19:42	X																			
CCB 460-973456/177	1		19:44	X																			
ZZZZZZ			19:47																				
ZZZZZZ			19:49																				
460-303245-6	1	T	19:51	X																			
ZZZZZZ			19:54																				
ZZZZZZ			19:56																				
ZZZZZZ			19:58																				
CCV 460-973456/184	1		20:01	X																			
CCB 460-973456/185	1		20:03	X																			
ZZZZZZ			20:06																				
ZZZZZZ			20:08																				
ZZZZZZ			20:10																				
ZZZZZZ			20:13																				
ZZZZZZ			20:15																				
ZZZZZZ			20:18																				
ZZZZZZ			20:20																				
ZZZZZZ			20:22																				
ZZZZZZ			20:25																				
ZZZZZZ			20:27																				
CCV 460-973456/196			20:29																				
CCB 460-973456/197			20:32																				
ZZZZZZ			20:34																				
ZZZZZZ			20:36																				
ZZZZZZ			20:39																				
ZZZZZZ			20:41																				
ZZZZZZ			20:44																				
ZZZZZZ			20:46																				
ZZZZZZ			20:48																				
ZZZZZZ			20:51																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Instrument ID: ICPMS5 Method: 6020B

Start Date: 05/07/2024 11:48 End Date: 05/08/2024 03:18

Lab Sample ID	D / F	Type	Time	Analytes																			
				Pb																			
ZZZZZZ			20:53																				
ZZZZZZ			20:56																				
CCV 460-973456/208			20:58																				
CCB 460-973456/209			21:00																				
ZZZZZZ			21:03																				
ZZZZZZ			21:05																				
ZZZZZZ			21:07																				
ZZZZZZ			21:10																				
ZZZZZZ			21:12																				
ZZZZZZ			21:15																				
ZZZZZZ			21:17																				
ZZZZZZ			21:19																				
ZZZZZZ			21:22																				
ZZZZZZ			21:24																				
CCV 460-973456/220			21:27																				
CCB 460-973456/221			21:29																				
ZZZZZZ			21:31																				
ZZZZZZ			21:34																				
ZZZZZZ			21:36																				
ZZZZZZ			21:38																				
ZZZZZZ			21:41																				
ZZZZZZ			21:43																				
ZZZZZZ			21:46																				
CCV 460-973456/229			21:48																				
CCB 460-973456/230			21:50																				
ZZZZZZ			21:53																				
ZZZZZZ			21:55																				
ZZZZZZ			21:57																				
ZZZZZZ			22:00																				
ZZZZZZ			22:02																				
ZZZZZZ			22:05																				
ZZZZZZ			22:07																				
ZZZZZZ			22:09																				
ZZZZZZ			22:12																				
ZZZZZZ			22:14																				
CCV 460-973456/241			22:17																				
CCB 460-973456/242			22:19																				
ZZZZZZ			22:21																				
ZZZZZZ			22:24																				
ZZZZZZ			22:26																				
ZZZZZZ			22:28																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Instrument ID: ICPMS5 Method: 6020B

Start Date: 05/07/2024 11:48 End Date: 05/08/2024 03:18

Lab Sample ID	D / F	Type	Time	Analytes																			
				Pb																			
ZZZZZZ			22:31																				
ZZZZZZ			22:33																				
ZZZZZZ			22:35																				
ZZZZZZ			22:38																				
ZZZZZZ			22:40																				
ZZZZZZ			22:43																				
CCV 460-973456/253			22:45																				
CCB 460-973456/254			22:47																				
ZZZZZZ			22:50																				
ZZZZZZ			22:52																				
ZZZZZZ			22:54																				
ZZZZZZ			22:57																				
ZZZZZZ			22:59																				
ZZZZZZ			23:01																				
ZZZZZZ			23:04																				
ZZZZZZ			23:06																				
ZZZZZZ			23:09																				
ZZZZZZ			23:11																				
CCV 460-973456/265			23:13																				
CCB 460-973456/266			23:16																				
ZZZZZZ			23:18																				
ZZZZZZ			23:20																				
ZZZZZZ			23:23																				
ZZZZZZ			23:25																				
CCV 460-973456/271			23:27																				
CCB 460-973456/272			23:30																				
ZZZZZZ			23:32																				
ZZZZZZ			23:35																				
ZZZZZZ			23:37																				
ZZZZZZ			23:39																				
ZZZZZZ			23:42																				
ZZZZZZ			23:44																				
ZZZZZZ			23:46																				
ZZZZZZ			23:49																				
ZZZZZZ			23:51																				
ZZZZZZ			23:54																				
CCV 460-973456/283			23:56																				
CCB 460-973456/284			23:58																				
ICSA 460-973456/285			00:01																				
ICSAB 460-973456/286			00:03																				
ZZZZZZ			00:05																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Instrument ID: ICPMS5 Method: 6020B

Start Date: 05/07/2024 11:48 End Date: 05/08/2024 03:18

Lab Sample ID	D / F	Type	Time	Analytes																			
				Pb																			
ZZZZZZ			00:08																				
ZZZZZZ			00:10																				
CCV 460-973456/290			00:13																				
CCB 460-973456/291			00:15																				
ZZZZZZ			00:17																				
ZZZZZZ			00:20																				
ZZZZZZ			00:22																				
ZZZZZZ			00:24																				
ZZZZZZ			00:27																				
ZZZZZZ			00:29																				
ZZZZZZ			00:32																				
ZZZZZZ			00:34																				
ZZZZZZ			00:36																				
ZZZZZZ			00:39																				
CCV 460-973456/302			00:41																				
CCB 460-973456/303			00:43																				
ZZZZZZ			00:46																				
ZZZZZZ			00:48																				
ZZZZZZ			00:51																				
ZZZZZZ			00:53																				
ZZZZZZ			00:55																				
ZZZZZZ			00:58																				
ZZZZZZ			01:00																				
ZZZZZZ			01:02																				
ZZZZZZ			01:05																				
CCV 460-973456/313			01:07																				
CCB 460-973456/314			01:10																				
ZZZZZZ			01:12																				
ZZZZZZ			01:14																				
ZZZZZZ			01:17																				
ZZZZZZ			01:19																				
ZZZZZZ			01:21																				
ZZZZZZ			01:24																				
ZZZZZZ			01:26																				
ZZZZZZ			01:29																				
ZZZZZZ			01:31																				
ZZZZZZ			01:33																				
CCV 460-973456/325			01:36																				
CCB 460-973456/326			01:38																				
ZZZZZZ			01:40																				
ZZZZZZ			01:43																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Instrument ID: ICPMS5 Method: 6020B

Start Date: 05/07/2024 11:48 End Date: 05/08/2024 03:18

Lab Sample ID	D / F	Type	Time	Analytes																			
				Pb																			
ZZZZZZ			01:45																				
ZZZZZZ			01:48																				
ZZZZZZ			01:50																				
ZZZZZZ			01:52																				
ZZZZZZ			01:55																				
ZZZZZZ			01:57																				
ZZZZZZ			02:00																				
ZZZZZZ			02:02																				
CCV 460-973456/337			02:04																				
CCB 460-973456/338			02:07																				
ZZZZZZ			02:09																				
ZZZZZZ			02:11																				
ZZZZZZ			02:14																				
ZZZZZZ			02:16																				
ZZZZZZ			02:19																				
ZZZZZZ			02:21																				
ZZZZZZ			02:23																				
ZZZZZZ			02:26																				
ZZZZZZ			02:28																				
ZZZZZZ			02:30																				
CCV 460-973456/349			02:33																				
CCB 460-973456/350			02:35																				
ZZZZZZ			02:38																				
ZZZZZZ			02:40																				
ZZZZZZ			02:42																				
ZZZZZZ			02:45																				
ZZZZZZ			02:47																				
ZZZZZZ			02:49																				
ZZZZZZ			02:52																				
ZZZZZZ			02:54																				
ZZZZZZ			02:57																				
ZZZZZZ			02:59																				
CCV 460-973456/361			03:01																				
CCB 460-973456/362			03:04																				
ZZZZZZ			03:06																				
ZZZZZZ			03:09																				
ZZZZZZ			03:11																				
ZZZZZZ			03:13																				
CCV 460-973456/367			03:16																				
CCB 460-973456/368			03:18																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Instrument ID: ICPMS5 Method: 6020B

Start Date: 05/07/2024 11:48 End Date: 05/08/2024 03:18

Prep Types
T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Instrument ID: ICPMS5 Method: 6020B

Start Date: 05/08/2024 10:09 End Date: 05/08/2024 13:22

Lab Sample ID	D / F	Type	Time	Analytes																			
				Pb																			
IC 460-973644/1	1		10:09	X																			
IC 460-973644/2	1		10:12	X																			
IC 460-973644/3	1		10:14	X																			
IC 460-973644/4	1		10:17	X																			
IC 460-973644/5	1		10:20	X																			
IC 460-973644/6	1		10:22	X																			
ICV 460-973644/7	1		10:25	X																			
ICB 460-973644/8	1		10:27	X																			
CRI 460-973644/9			10:29																				
ICSA 460-973644/10	1		10:32	X																			
ICSAB 460-973644/11	1		10:34	X																			
LRC 460-973644/12	1		10:37	X																			
LRC 460-973644/13	1		10:39	X																			
LRC 460-973644/14	1		10:41	X																			
ZZZZZZ			10:44																				
ZZZZZZ			10:46																				
ZZZZZZ			10:48																				
ZZZZZZ			10:51																				
CCV 460-973644/19	1		10:53	X																			
CCB 460-973644/20	1		10:56	X																			
ZZZZZZ			10:58																				
ZZZZZZ			11:00																				
ZZZZZZ			11:03																				
ZZZZZZ			11:05																				
ZZZZZZ			11:07																				
ZZZZZZ			11:10																				
ZZZZZZ			11:12																				
ZZZZZZ			11:14																				
CCV 460-973644/29			11:17																				
CCB 460-973644/30			11:19																				
ZZZZZZ			11:21																				
ZZZZZZ			11:24																				
ZZZZZZ			11:26																				
ZZZZZZ			11:29																				
ZZZZZZ			11:31																				
ZZZZZZ			11:33																				
ZZZZZZ			11:36																				
ZZZZZZ			11:38																				
CCV 460-973644/39			11:40																				
CCB 460-973644/40			11:43																				
ZZZZZZ			11:45																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Instrument ID: ICPMS5 Method: 6020B

Start Date: 05/08/2024 10:09 End Date: 05/08/2024 13:22

Lab Sample ID	D / F	Type	Time	Analytes																			
				Pb																			
ZZZZZZ			11:47																				
ZZZZZZ			11:50																				
ZZZZZZ			11:52																				
ZZZZZZ			11:54																				
ZZZZZZ			11:57																				
ZZZZZZ			11:59																				
CCV 460-973644/48			12:02																				
CCB 460-973644/49			12:04																				
ZZZZZZ			12:06																				
ZZZZZZ			12:09																				
ZZZZZZ			12:11																				
ZZZZZZ			12:13																				
ZZZZZZ			12:16																				
ZZZZZZ			12:18																				
ZZZZZZ			12:20																				
CCV 460-973644/57			12:23																				
CCB 460-973644/58			12:25																				
ZZZZZZ			12:28																				
ZZZZZZ			12:30																				
CCV 460-973644/61			12:32																				
CCB 460-973644/62			12:35																				
ZZZZZZ			12:37																				
ZZZZZZ			12:40																				
ZZZZZZ			12:42																				
ZZZZZZ			12:44																				
ZZZZZZ			12:47																				
ZZZZZZ			12:49																				
CCV 460-973644/69	1		12:51	X																			
CCB 460-973644/70	1		12:54	X																			
MB 460-973567/1-A	1	T	12:56	X																			
LCSSRM 460-973567/2-A ^3	3	T	12:58	X																			
ZZZZZZ			13:01																				
460-303238-K-1-D MS	1	T	13:03	X																			
460-303238-K-1-C DU	1	T	13:06	X																			
ZZZZZZ			13:08																				
460-303238-K-1-B SD ^5	5	T	13:10	X																			
ZZZZZZ			13:13																				
ZZZZZZ			13:15																				
ZZZZZZ			13:18																				
CCV 460-973644/81	1		13:20	X																			

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Instrument ID: ICPMS5 Method: 6020B

Start Date: 05/08/2024 10:09 End Date: 05/08/2024 13:22

Lab Sample ID	D / F	Type	Time	Analytes																			
				Pb																			
CCB 460-973644/82	1		13:22	X																			

Prep Types
T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Instrument ID: ICPMS5 Method: 6020B

Start Date: 05/13/2024 15:38 End Date: 05/14/2024 03:34

Lab Sample ID	D / F	Type	Time	Analytes																			
				Pb																			
IC 460-974701/1	1		15:38	X																			
IC 460-974701/2	1		15:41	X																			
IC 460-974701/3	1		15:43	X																			
IC 460-974701/4	1		15:46	X																			
IC 460-974701/5	1		15:48	X																			
IC 460-974701/6	1		15:51	X																			
ICV 460-974701/7	1		15:54	X																			
ICB 460-974701/8	1		15:56	X																			
CRI 460-974701/9			15:58																				
ICSA 460-974701/10	1		16:01	X																			
ICSAB 460-974701/11	1		16:03	X																			
LRC 460-974701/12	1		16:06	X																			
LRC 460-974701/13	1		16:08	X																			
LRC 460-974701/14	1		16:10	X																			
ZZZZZZ			16:13																				
ZZZZZZ			16:15																				
CCV 460-974701/17	1		16:18	X																			
CCB 460-974701/18	1		16:20	X																			
ZZZZZZ			16:22																				
ZZZZZZ			16:25																				
ZZZZZZ			16:27																				
ZZZZZZ			16:30																				
ZZZZZZ			16:32																				
ZZZZZZ			16:34																				
ZZZZZZ			16:37																				
ZZZZZZ			16:39																				
ZZZZZZ			16:42																				
ZZZZZZ			16:44																				
CCV 460-974701/29			16:46																				
CCB 460-974701/30			16:49																				
ZZZZZZ			16:51																				
ZZZZZZ			16:54																				
ZZZZZZ			16:56																				
ZZZZZZ			16:58																				
ZZZZZZ			17:01																				
ZZZZZZ			17:03																				
ZZZZZZ			17:06																				
ZZZZZZ			17:08																				
ZZZZZZ			17:10																				
ZZZZZZ			17:13																				
CCV 460-974701/41			17:15																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Instrument ID: ICPMS5 Method: 6020B

Start Date: 05/13/2024 15:38 End Date: 05/14/2024 03:34

Lab Sample ID	D / F	Type	Time	Analytes																			
				Pb																			
CCB 460-974701/42			17:17																				
ZZZZZZ			17:20																				
ZZZZZZ			17:22																				
ZZZZZZ			17:25																				
ZZZZZZ			17:27																				
ZZZZZZ			17:29																				
ZZZZZZ			17:32																				
ZZZZZZ			17:34																				
ZZZZZZ			17:37																				
ZZZZZZ			17:39																				
CCV 460-974701/52	1		17:51	X																			
CCB 460-974701/53	1		17:54	X																			
MB 460-974363/1-A	1	T	17:56	X																			
LCSSRM 460-974363/2-A ^3	3	T	17:59	X																			
460-303659-A-2-F PDS	1	T	18:01	X																			
460-303659-E-2-L MSD	1	T	18:03	X																			
460-303659-E-2-K MS	1	T	18:06	X																			
460-303659-A-2-G DU	1	T	18:08	X																			
ZZZZZZ			18:11																				
460-303659-A-2-F SD ^5	5	T	18:13	X																			
ZZZZZZ			18:15																				
ZZZZZZ			18:18																				
CCV 460-974701/64	1		18:20	X																			
CCB 460-974701/65	1		18:23	X																			
ZZZZZZ			18:37																				
ZZZZZZ			18:39																				
ZZZZZZ			18:41																				
ZZZZZZ			18:44																				
ZZZZZZ			18:46																				
ZZZZZZ			18:49																				
ZZZZZZ			18:51																				
ZZZZZZ			18:53																				
ZZZZZZ			18:56																				
460-303245-1	1	T	18:58	X																			
CCV 460-974701/76	1		19:01	X																			
CCB 460-974701/77	1		19:03	X																			
ZZZZZZ			19:05																				
ZZZZZZ			19:08																				
ZZZZZZ			19:10																				
ZZZZZZ			19:12																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Instrument ID: ICPMS5 Method: 6020B

Start Date: 05/13/2024 15:38 End Date: 05/14/2024 03:34

Lab Sample ID	D / F	Type	Time	Analytes																			
				Pb																			
ZZZZZZ			19:15																				
ZZZZZZ			19:17																				
ZZZZZZ			19:20																				
CCV 460-974701/85			19:22																				
CCB 460-974701/86			19:25																				
ZZZZZZ			19:27																				
ZZZZZZ			19:29																				
ZZZZZZ			19:32																				
ZZZZZZ			19:34																				
ZZZZZZ			19:37																				
ZZZZZZ			19:39																				
ZZZZZZ			19:41																				
ZZZZZZ			20:06																				
ZZZZZZ			20:08																				
ZZZZZZ			20:10																				
CCV 460-974701/97			20:13																				
CCB 460-974701/98			20:15																				
ZZZZZZ			20:18																				
ZZZZZZ			20:20																				
ZZZZZZ			20:22																				
ZZZZZZ			20:25																				
ZZZZZZ			20:27																				
ZZZZZZ			20:30																				
ZZZZZZ			20:32																				
ZZZZZZ			20:35																				
ZZZZZZ			20:37																				
ZZZZZZ			20:39																				
CCV 460-974701/109			20:42																				
CCB 460-974701/110			20:44																				
ZZZZZZ			20:46																				
ZZZZZZ			20:49																				
ZZZZZZ			20:51																				
ZZZZZZ			20:54																				
ZZZZZZ			20:56																				
ZZZZZZ			20:58																				
ZZZZZZ			21:01																				
ZZZZZZ			21:03																				
ZZZZZZ			21:06																				
ZZZZZZ			21:08																				
CCV 460-974701/121			21:10																				
CCB 460-974701/122			21:13																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Instrument ID: ICPMS5 Method: 6020B

Start Date: 05/13/2024 15:38 End Date: 05/14/2024 03:34

Lab Sample ID	D / F	Type	Time	Analytes																			
				Pb																			
ZZZZZZ			21:15																				
ZZZZZZ			21:18																				
ZZZZZZ			21:20																				
ZZZZZZ			21:22																				
ZZZZZZ			21:25																				
ZZZZZZ			21:27																				
ZZZZZZ			21:30																				
ZZZZZZ			21:36																				
ZZZZZZ			21:38																				
ZZZZZZ			21:41																				
CCV 460-974701/133			21:43																				
CCB 460-974701/134			21:45																				
ZZZZZZ			21:48																				
ZZZZZZ			21:50																				
ZZZZZZ			21:53																				
ZZZZZZ			21:55																				
ZZZZZZ			21:58																				
ZZZZZZ			22:00																				
ZZZZZZ			22:02																				
ZZZZZZ			22:05																				
ZZZZZZ			22:07																				
ZZZZZZ			22:10																				
CCV 460-974701/145			22:12																				
CCB 460-974701/146			22:14																				
ZZZZZZ			22:17																				
ZZZZZZ			22:19																				
ZZZZZZ			22:21																				
ZZZZZZ			22:24																				
ZZZZZZ			22:26																				
ZZZZZZ			22:29																				
ZZZZZZ			22:31																				
ZZZZZZ			22:33																				
ZZZZZZ			22:36																				
CCV 460-974701/156			22:38																				
CCB 460-974701/157			22:41																				
ZZZZZZ			22:43																				
ZZZZZZ			22:45																				
ZZZZZZ			22:48																				
ZZZZZZ			22:50																				
ZZZZZZ			22:53																				
ZZZZZZ			22:55																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Instrument ID: ICPMS5 Method: 6020B

Start Date: 05/13/2024 15:38 End Date: 05/14/2024 03:34

Lab Sample ID	D / F	Type	Time	Analytes																			
				Pb																			
ZZZZZZ			22:57																				
ZZZZZZ			23:00																				
ZZZZZZ			23:02																				
ZZZZZZ			23:05																				
CCV 460-974701/168			23:07																				
CCB 460-974701/169			23:09																				
ZZZZZZ			23:12																				
ZZZZZZ			23:14																				
ZZZZZZ			23:17																				
ZZZZZZ			23:21																				
ZZZZZZ			23:24																				
ZZZZZZ			23:26																				
ZZZZZZ			23:29																				
ZZZZZZ			23:31																				
ZZZZZZ			23:33																				
ZZZZZZ			23:36																				
CCV 460-974701/180			23:38																				
CCB 460-974701/181			23:41																				
ZZZZZZ			23:43																				
ZZZZZZ			23:45																				
ZZZZZZ			23:48																				
ZZZZZZ			23:50																				
ZZZZZZ			23:53																				
ZZZZZZ			23:55																				
ZZZZZZ			23:57																				
ZZZZZZ			00:00																				
ZZZZZZ			00:02																				
CCV 460-974701/191			00:05																				
CCB 460-974701/192			00:07																				
ZZZZZZ			00:09																				
ZZZZZZ			00:12																				
ZZZZZZ			00:14																				
ZZZZZZ			00:17																				
ZZZZZZ			00:19																				
ZZZZZZ			00:21																				
ZZZZZZ			00:24																				
ZZZZZZ			00:26																				
ZZZZZZ			00:29																				
ZZZZZZ			00:31																				
CCV 460-974701/203			00:33																				
CCB 460-974701/204			00:36																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Instrument ID: ICPMS5 Method: 6020B

Start Date: 05/13/2024 15:38 End Date: 05/14/2024 03:34

Lab Sample ID	D / F	Type	Time	Analytes																			
				Pb																			
ZZZZZZ			00:38																				
ZZZZZZ			00:41																				
ZZZZZZ			00:43																				
ZZZZZZ			00:45																				
ZZZZZZ			00:48																				
ZZZZZZ			00:50																				
ZZZZZZ			00:53																				
ZZZZZZ			00:55																				
ZZZZZZ			00:57																				
ZZZZZZ			01:00																				
CCV 460-974701/215			01:02																				
CCB 460-974701/216			01:05																				
ZZZZZZ			01:07																				
ZZZZZZ			01:09																				
ZZZZZZ			01:12																				
ZZZZZZ			01:14																				
ZZZZZZ			01:17																				
ZZZZZZ			01:19																				
ZZZZZZ			01:22																				
ZZZZZZ			01:24																				
ZZZZZZ			01:26																				
CCV 460-974701/226			01:29																				
CCB 460-974701/227			01:31																				
ZZZZZZ			02:06																				
ZZZZZZ			02:09																				
ZZZZZZ			02:11																				
ZZZZZZ			02:14																				
ZZZZZZ			02:18																				
ZZZZZZ			02:20																				
ZZZZZZ			02:23																				
ZZZZZZ			02:26																				
ZZZZZZ			02:29																				
ZZZZZZ			02:31																				
CCV 460-974701/238			02:34																				
CCB 460-974701/239			02:36																				
ZZZZZZ			02:38																				
ZZZZZZ			02:41																				
ZZZZZZ			02:43																				
ZZZZZZ			02:46																				
ZZZZZZ			02:48																				
ZZZZZZ			02:50																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Instrument ID: ICPMS5 Method: 6020B

Start Date: 05/13/2024 15:38 End Date: 05/14/2024 03:34

Lab Sample ID	D / F	Type	Time	Analytes																			
				Pb																			
ZZZZZZ			02:53																				
ZZZZZZ			02:55																				
ZZZZZZ			02:58																				
ZZZZZZ			03:00																				
CCV 460-974701/250			03:02																				
CCB 460-974701/251			03:05																				
ZZZZZZ			03:07																				
ZZZZZZ			03:10																				
ZZZZZZ			03:12																				
ZZZZZZ			03:14																				
ZZZZZZ			03:17																				
ZZZZZZ			03:19																				
ZZZZZZ			03:22																				
ZZZZZZ			03:24																				
ZZZZZZ			03:27																				
ZZZZZZ			03:29																				
CCV 460-974701/262			03:31																				
CCB 460-974701/263			03:34																				

Prep Types

T = Total/NA

15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.: Analysis Batch No.: 973688

ICP-MS Instrument ID: ICPMS3 Start Date: 05/08/2024 End Date: 05/08/2024

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Li-6	Q	Element Sc/1	Q	Element Sc/2	Q	Element Sc/3	Q	Element Ge/2	Q
IC 460-973688/1	10:50	100		100		100		100		100	
IC 460-973688/2	10:53	100		100		99		100		100	
IC 460-973688/3	10:55	101		101		101		101		101	
IC 460-973688/4	10:58	102		100		99		100		101	
IC 460-973688/5	11:01	102		100		100		101		104	
IC 460-973688/6	11:03	101		100		99		101		103	
ICV 460-973688/7	11:06	101		102		100		103		103	
ICB 460-973688/8	11:08	103		103		102		104		103	
ICSA 460-973688/10	11:13	96		99		98		100		103	
ICSAB 460-973688/11	11:15	96		101		100		102		104	
LRC 460-973688/12	11:17	95		100		96		94		99	
LRC 460-973688/13	11:20	85		99		104		107		102	
LRC 460-973688/14	11:22	96		97		99		100		103	
CCV 460-973688/19	11:34	101		97		93		94		97	
CCB 460-973688/20	11:36	103		98		94		95		96	
CCV 460-973688/98	14:42	101		104		99		99		102	
CCB 460-973688/99	14:44	102		102		96		97		97	
460-303245-2	14:49	102		108		102		105		102	
460-303245-3	14:51	100		108		102		103		102	
460-303245-4	14:53	111		118		104		103		104	
460-303245-5	14:56	99		109		100		100		102	
CCV 460-973688/106	15:01	100		102		95		96		100	
CCB 460-973688/107	15:03	101		102		95		95		97	
IS Name on Instrument											

15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.: Analysis Batch No.: 973688

ICP-MS Instrument ID: ICPMS3 Start Date: 05/08/2024 End Date: 05/08/2024

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Ge/3	Q	Element In	Q	Element Tb	Q	Element Bi	Q	Element	Q
IC 460-973688/1	10:50	100		100		100		100			
IC 460-973688/2	10:53	101		101		99		100			
IC 460-973688/3	10:55	103		100		100		101			
IC 460-973688/4	10:58	104		101		101		100			
IC 460-973688/5	11:01	106		101		101		99			
IC 460-973688/6	11:03	106		100		101		98			
ICV 460-973688/7	11:06	108		102		103		102			
ICB 460-973688/8	11:08	105		104		103		104			
ICSA 460-973688/10	11:13	107		98		99		95			
ICSAB 460-973688/11	11:15	107		99		99		95			
LRC 460-973688/12	11:17	101		98		99		100			
LRC 460-973688/13	11:20	107		96		96		89			
LRC 460-973688/14	11:22	105		100		100		96			
CCV 460-973688/19	11:34	101		98		101		98			
CCB 460-973688/20	11:36	99		99		100		102			
CCV 460-973688/98	14:42	106		101		101		99			
CCB 460-973688/99	14:44	102		100		101		100			
460-303245-2	14:49	107		100		104		98			
460-303245-3	14:51	107		99		102		98			
460-303245-4	14:53	107		99		101		99			
460-303245-5	14:56	105		97		103		98			
CCV 460-973688/106	15:01	103		99		100		99			
CCB 460-973688/107	15:03	100		100		100		100			
IS Name on Instrument											

15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.: Analysis Batch No.: 973456

ICP-MS Instrument ID: ICPMS5 Start Date: 05/07/2024 End Date: 05/07/2024

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Li-6	Q	Element Sc/1	Q	Element Sc/2	Q	Element Sc/3	Q	Element Ge/2	Q
IC 460-973456/1	11:48	100		100		100		100		100	
IC 460-973456/2	11:51	101		101		101		101		100	
IC 460-973456/3	11:53	101		101		100		101		100	
IC 460-973456/4	11:56	99		99		100		100		102	
IC 460-973456/5	11:59	100		100		101		101		104	
IC 460-973456/6	12:01	102		101		102		101		105	
ICV 460-973456/7	12:04	100		101		101		99		102	
ICB 460-973456/8	12:06	99		99		99		98		98	
ICSA 460-973456/10	12:12	98		100		101		100		106	
ICSAB 460-973456/11	12:15	99		100		102		100		106	
LRC 460-973456/12	12:17	97		98		98		96		100	
LRC 460-973456/13	12:19	99		103		107		108		108	
LRC 460-973456/14	12:22	97		98		101		98		103	
CCV 460-973456/19	12:34	99		99		101		99		103	
CCB 460-973456/20	12:36	100		99		101		102		100	
CCV 460-973456/143	18:09	89		92		92		89		94	
CCB 460-973456/144	18:12	89		91		92		89		90	
MB 460-973170/1-A	18:14	89		93		90		89		89	
LCS 460-973170/2-A	18:16	89		92		92		89		91	
460-303181-I-5-A	18:19	85		89		89		86		94	
PDS 460-303181-I-5-D	18:21	85		90		90		85		95	
MSD 460-303181-I-5-C MS	18:24	86		91		91		87		94	
460-303181-I-5-B DU	18:26	87		91		90		87		93	
460-303181-I-5-A SD	18:31	89		92		91		87		93	
^5 CCV 460-973456/153	18:33	89		91		89		86		90	
CCB 460-973456/154	18:35	88		90		88		87		87	
CCV 460-973456/176	19:42	85		87		86		83		89	
CCB 460-973456/177	19:44	87		88		87		84		85	
460-303245-6	19:51	87		87		87		85		87	
CCV 460-973456/184	20:01	86		87		87		85		89	
CCB 460-973456/185	20:03	87		88		88		86		86	
IS Name on Instrument											

15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.: Analysis Batch No.: 973456

ICP-MS Instrument ID: ICPMS5 Start Date: 05/07/2024 End Date: 05/07/2024

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Ge/3	Q	Element In	Q	Element Tb	Q	Element Bi	Q	Element	Q
IC 460-973456/1	11:48	100		100		100		100			
IC 460-973456/2	11:51	99		99		101		100			
IC 460-973456/3	11:53	99		101		102		100			
IC 460-973456/4	11:56	101		98		100		98			
IC 460-973456/5	11:59	103		98		100		97			
IC 460-973456/6	12:01	105		98		100		96			
ICV 460-973456/7	12:04	102		97		99		97			
ICB 460-973456/8	12:06	98		98		99		98			
ICSA 460-973456/10	12:12	103		96		99		93			
ICSAB 460-973456/11	12:15	104		97		100		94			
LRC 460-973456/12	12:17	97		96		98		98			
LRC 460-973456/13	12:19	109		101		102		92			
LRC 460-973456/14	12:22	101		96		99		94			
CCV 460-973456/19	12:34	101		97		99		96			
CCB 460-973456/20	12:36	97		99		100		99			
CCV 460-973456/143	18:09	92		88		92		90			
CCB 460-973456/144	18:12	87		88		92		92			
MB 460-973170/1-A	18:14	88		88		91		92			
LCS 460-973170/2-A	18:16	89		88		92		92			
460-303181-I-5-A	18:19	91		84		89		86			
PDS 460-303181-I-5-D	18:21	91		83		89		86			
MSD 460-303181-I-5-C MS	18:24	90		83		89		86			
460-303181-I-5-B DU	18:26	92		84		90		87			
460-303181-I-5-A SD	18:31	89		86		90		89			
^5 CCV 460-973456/153	18:33	88		85		90		88			
CCB 460-973456/154	18:35	86		87		90		91			
CCV 460-973456/176	19:42	86		85		89		89			
CCB 460-973456/177	19:44	84		85		90		91			
460-303245-6	19:51	87		87		91		92			
CCV 460-973456/184	20:01	88		85		90		89			
CCB 460-973456/185	20:03	84		87		90		92			
IS Name on Instrument											

15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.: Analysis Batch No.: 973644

ICP-MS Instrument ID: ICPMS5 Start Date: 05/08/2024 End Date: 05/08/2024

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Li-6	Q	Element Sc/1	Q	Element Sc/2	Q	Element Sc/3	Q	Element Ge/2	Q
IC 460-973644/1	10:09	100		100		100		100		100	
IC 460-973644/2	10:12	102		102		101		100		99	
IC 460-973644/3	10:14	101		101		100		99		100	
IC 460-973644/4	10:17	100		100		99		97		100	
IC 460-973644/5	10:20	98		99		97		96		99	
IC 460-973644/6	10:22	97		97		96		94		99	
ICV 460-973644/7	10:25	96		96		97		94		99	
ICB 460-973644/8	10:27	97		97		97		96		96	
ICSA 460-973644/10	10:32	93		95		96		93		100	
ICSAB 460-973644/11	10:34	93		94		95		92		100	
LRC 460-973644/12	10:37	88		89		86		83		90	
LRC 460-973644/13	10:39	88		93		96		98		98	
LRC 460-973644/14	10:41	85		85		88		85		92	
CCV 460-973644/19	10:53	89		88		87		85		90	
CCB 460-973644/20	10:56	88		87		87		85		88	
CCV 460-973644/69	12:51	89		86		88		86		90	
CCB 460-973644/70	12:54	89		86		86		86		86	
MB 460-973567/1-A	12:56	89		86		87		87		87	
LCSSRM	12:58	91		86		88		87		93	
460-973567/2-A ^3 460-303238-K-1-D MS	13:03	90		91		93		91		96	
460-303238-K-1-C DU	13:06	90		91		93		92		96	
460-303238-K-1-B SD	13:10	88		88		88		88		93	
^5 CCV 460-973644/81	13:20	86		87		87		86		90	
CCB 460-973644/82	13:22	85		85		85		85		86	
IS Name on Instrument											

15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.: Analysis Batch No.: 973644

ICP-MS Instrument ID: ICPMS5 Start Date: 05/08/2024 End Date: 05/08/2024

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Ge/3	Q	Element In	Q	Element Tb	Q	Element Bi	Q	Element	Q
IC 460-973644/1	10:09	100		100		100		100			
IC 460-973644/2	10:12	99		99		100		99			
IC 460-973644/3	10:14	100		98		99		98			
IC 460-973644/4	10:17	99		97		98		96			
IC 460-973644/5	10:20	100		96		96		94			
IC 460-973644/6	10:22	99		93		96		92			
ICV 460-973644/7	10:25	97		94		96		94			
ICB 460-973644/8	10:27	96		96		96		96			
ICSA 460-973644/10	10:32	99		92		94		90			
ICSAB 460-973644/11	10:34	100		91		95		90			
LRC 460-973644/12	10:37	87		86		90		91			
LRC 460-973644/13	10:39	100		92		95		87			
LRC 460-973644/14	10:41	90		85		90		87			
CCV 460-973644/19	10:53	89		85		90		88			
CCB 460-973644/20	10:56	87		88		91		91			
CCV 460-973644/69	12:51	89		86		89		87			
CCB 460-973644/70	12:54	87		87		90		90			
MB 460-973567/1-A	12:56	87		87		90		89			
LCSSRM	12:58	92		86		90		88			
460-973567/2-A ^3 460-303238-K-1-D MS	13:03	96		88		92		90			
460-303238-K-1-C DU	13:06	98		89		93		90			
460-303238-K-1-B SD	13:10	92		88		91		90			
^5 CCV 460-973644/81	13:20	91		87		90		87			
CCB 460-973644/82	13:22	87		87		90		90			
IS Name on Instrument											

15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.: Analysis Batch No.: 974701

ICP-MS Instrument ID: ICPMS5 Start Date: 05/13/2024 End Date: 05/13/2024

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Li-6	Q	Element Sc/1	Q	Element Sc/2	Q	Element Sc/3	Q	Element Ge/2	Q
IC 460-974701/1	15:38	100		100		100		100		100	
IC 460-974701/2	15:41	100		99		100		100		99	
IC 460-974701/3	15:43	99		98		98		99		98	
IC 460-974701/4	15:46	99		98		98		97		99	
IC 460-974701/5	15:48	98		97		98		97		100	
IC 460-974701/6	15:51	98		97		98		98		102	
ICV 460-974701/7	15:54	99		97		100		100		101	
ICB 460-974701/8	15:56	99		97		97		96		97	
ICSA 460-974701/10	16:01	96		96		97		98		101	
ICSAB 460-974701/11	16:03	96		95		97		94		102	
LRC 460-974701/12	16:06	93		94		93		91		95	
LRC 460-974701/13	16:08	95		97		102		104		103	
LRC 460-974701/14	16:10	93		92		97		96		100	
CCV 460-974701/17	16:18	98		95		97		95		98	
CCB 460-974701/18	16:20	98		95		97		99		96	
CCV 460-974701/52	17:51	95		97		97		97		99	
CCB 460-974701/53	17:54	95		95		97		96		97	
MB 460-974363/1-A	17:56	95		96		98		96		97	
LCSSRM	17:59	98		96		98		96		103	
460-974363/2-A ^3 460-303659-A-2-F	18:01	99		106		108		107		105	
PDS 460-303659-E-2-L	18:03	99		105		109		108		106	
MSD 460-303659-E-2-K MS	18:06	98		108		112		110		105	
460-303659-A-2-G DU	18:08	98		104		108		106		104	
460-303659-A-2-F SD	18:13	99		101		104		104		105	
^5 CCV 460-974701/64	18:20	93		94		96		95		97	
CCB 460-974701/65	18:23	94		96		96		95		95	
460-303245-1	18:58	102		110		112		111		105	
CCV 460-974701/76	19:01	99		99		101		99		103	
CCB 460-974701/77	19:03	98		99		102		99		100	
IS Name on Instrument											

15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.: Analysis Batch No.: 974701

ICP-MS Instrument ID: ICPMS5 Start Date: 05/13/2024 End Date: 05/13/2024

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Ge/3	Q	Element In	Q	Element Tb	Q	Element Bi	Q	Element	Q
IC 460-974701/1	15:38	100		100		100		100			
IC 460-974701/2	15:41	102		101		100		101			
IC 460-974701/3	15:43	99		100		99		99			
IC 460-974701/4	15:46	99		97		98		97			
IC 460-974701/5	15:48	101		97		98		96			
IC 460-974701/6	15:51	102		97		98		95			
ICV 460-974701/7	15:54	103		99		100		99			
ICB 460-974701/8	15:56	97		97		98		98			
ICSA 460-974701/10	16:01	103		96		98		94			
ICSAB 460-974701/11	16:03	103		94		97		92			
LRC 460-974701/12	16:06	94		94		95		96			
LRC 460-974701/13	16:08	105		99		99		91			
LRC 460-974701/14	16:10	100		95		95		92			
CCV 460-974701/17	16:18	98		93		95		93			
CCB 460-974701/18	16:20	97		98		98		98			
CCV 460-974701/52	17:51	100		97		97		95			
CCB 460-974701/53	17:54	98		97		96		96			
MB 460-974363/1-A	17:56	96		97		96		97			
LCSSRM	17:59	104		96		98		96			
460-974363/2-A ^3 460-303659-A-2-F	18:01	107		102		103		97			
PDS 460-303659-E-2-L	18:03	107		102		103		97			
MSD 460-303659-E-2-K MS	18:06	106		99		103		95			
460-303659-A-2-G DU	18:08	106		101		102		97			
460-303659-A-2-F SD	18:13	107		102		100		98			
^5 CCV 460-974701/64	18:20	98		95		95		94			
CCB 460-974701/65	18:23	95		96		95		96			
460-303245-1	18:58	110		102		103		98			
CCV 460-974701/76	19:01	102		99		97		94			
CCB 460-974701/77	19:03	100		100		97		97			
IS Name on Instrument											

METALS BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Batch Number: 973170 Batch Start Date: 05/06/24 07:15 Batch Analyst: Funai, Julia K

Batch Method: 3010A Batch End Date: 05/06/24 12:15

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	ME_ipmsSPK 00052			
MB 460-973170/1		3010A, 6020B			50 mL	50 mL				
LCS 460-973170/2		3010A, 6020B			50 mL	50 mL	0.25 mL			
460-303181-I-5 DU		3010A, 6020B		T	50 mL	50 mL				
460-303181-I-5 MS		3010A, 6020B		T	50 mL	50 mL	0.25 mL			
460-303181-I-5 MSD		3010A, 6020B		T	50 mL	50 mL	0.25 mL			
460-303245-H-6	FB-1_050324	3010A, 6020B	Water	T	50 mL	50 mL				

Batch Notes	
Digestion Tube/Cup ID	Lot # 2307074-3320-IM (Env. Exp. 100 ml Dg Cups)
Pipette/Syringe/Dispenser ID	#4
Analyst ID - Spike Analyst	JF
Sufficient Volume for Batch QC	YES
Hydrochloric Acid ID	1:1 DHCL Lot MPR 403 = 5 ml.
Nitric Acid ID	Lot # 231514 (Fisher Chemical Brand) = 3 ml.
Digestion Unit ID	#5
Thermometer ID	Metals 8 (CF +1 deg C)
Thermometer Location ID	Hot Block #5
Temperature - Uncorrected - Start	90 uncorr Degrees C
Temperature - Corrected - Start	91 corr Degrees C
Digestion Start Time	05/06/2024 07:35
Digestion End Time	05/06/2024 09:35
Temperature - Uncorrected - End	90 uncorr Degrees C
Temperature - Corrected - End	91 corr Degrees C
Filter ID	09-790F
MB Hotblock Location	Hood #4 Metal's

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Batch Number: 973170 Batch Start Date: 05/06/24 07:15 Batch Analyst: Funai, Julia K

Batch Method: 3010A Batch End Date: 05/06/24 12:15

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Batch Number: 973567 Batch Start Date: 05/08/24 07:00 Batch Analyst: Tupayachi, Fiorella B

Batch Method: 3050B Batch End Date: 05/08/24 12:00

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	ME_ipmsSPK 00052	ME_LCSS_123 00003		
MB 460-973567/1		3050B, 6020B			1.00 g	100 mL				
LCSSRM 460-973567/2		3050B, 6020B			1.00 g	100 mL		1 g		
460-303238-K-1 DU		3050B, 6020B		T	1.00 g	100 mL				
460-303238-K-1 MS		3050B, 6020B		T	1.00 g	100 mL	1 mL			
460-303245-F-2	240503_PWD_SOIL 5 6.0-6.5	3050B, 6020B	Solid	T	1.10 g	100 mL				
460-303245-F-3	240503_PWD_SOIL 6 6.0-6.5	3050B, 6020B	Solid	T	1.05 g	100 mL				
460-303245-F-4	240503_PWD_SOIL 7 6.0-6.5	3050B, 6020B	Solid	T	1.05 g	100 mL				
460-303245-F-5	DUP-2_050324	3050B, 6020B	Solid	T	1.05 g	100 mL				

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Batch Number: 973567 Batch Start Date: 05/08/24 07:00 Batch Analyst: Tupayachi, Fiorella B

Batch Method: 3050B Batch End Date: 05/08/24 12:00

Batch Notes	
Balance ID	#35
Digestion Tube/Cup ID	Lot # 2210117-10F-3213-MV (ENV EXP 50mL)
Pipette/Syringe/Dispenser ID	#4
Analyst ID - Spike Analyst	FT
Hydrochloric Acid ID	Lot # 231495 (Fisher Chemical Brand) = 10 ml.
Nitric Acid ID	Lot # 231514 (Fisher Chemical Brand) = 10 ml.
Hydrogen Peroxide ID	FISHER CHEMICALS Batch # 231666
Digestion Unit ID	HOT BLOCK 1
Thermometer ID	Metals-7 (cf 0)
Filter ID	09-790F
Temperature - Uncorrected - Start	90 Degrees C
Temperature - Corrected - Start	90 Degrees C
Temperature - Uncorrected - End	90 Degrees C
Temperature - Corrected - End	90 Degrees C
Digestion Start Time	05/08/2024 08:00
Digestion End Time	05/08/2024 10:00
MB Hotblock Location	Hood #8

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Batch Number: 974363 Batch Start Date: 05/11/24 22:45 Batch Analyst: Esteban, Gared A

Batch Method: 3050B Batch End Date: 05/12/24 03:45

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	ME_ipmsSPK 00052	ME_LCSS_123 00003		
MB 460-974363/1		3050B, 6020B			1.00 g	100 mL				
LCSSRM 460-974363/2		3050B, 6020B			1.00 g	100 mL		1 g		
460-303659-A-2 DU		3050B, 6020B		T	1.30 g	100 mL				
460-303659-E-2 MS		3050B, 6020B		T	1.28 g	100 mL	1 mL			
460-303659-E-2 MSD		3050B, 6020B		T	1.29 g	100 mL	1 mL			
460-303245-F-1	240503_PWD_SOIL 4_6.0-6.5	3050B, 6020B	Solid	T	1.28 g	100 mL				

Batch Notes	
Balance ID	#35
Digestion Tube/Cup ID	Lot # 2210117-10F-3213-MV (ENV EXP 50mL)
Pipette/Syringe/Dispenser ID	#4
Analyst ID - Spike Analyst	GE
Hydrochloric Acid ID	Lot # 231495 (Fisher Chemical Brand) = 10 ml.
Nitric Acid ID	Lot # 231514 (Fisher Chemical Brand) = 10 ml.
Hydrogen Peroxide ID	FISHER CHEMICALS Batch # 231666
Digestion Unit ID	HOT BLOCK 8
Thermometer ID	Metals-7 (cf 0)
Filter ID	09-790F
Temperature - Uncorrected - Start	90 Degrees C
Temperature - Corrected - Start	90 Degrees C
Temperature - Uncorrected - End	90 Degrees C
Temperature - Corrected - End	90 Degrees C
Digestion Start Time	05/11/2024 22:45
Digestion End Time	05/12/2024 00:45
MB Hotblock Location	Hood #3

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Batch Number: 974363 Batch Start Date: 05/11/24 22:45 Batch Analyst: Esteban, Gared A

Batch Method: 3050B Batch End Date: 05/12/24 03:45

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job Number: 460-303245-1

SDG No.:

Project: UCS Investigation

Client Sample ID	Lab Sample ID
240503_PWD_SOIL4_6.0-6.5	460-303245-1
240503_PWD_SOIL5_6.0-6.5	460-303245-2
240503_PWD_SOIL6_6.0-6.5	460-303245-3
240503_PWD_SOIL7_6.0-6.5	460-303245-4
DUP-2_050324	460-303245-5

Comments:

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job Number: 460-303245-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: Moisture RL Date: 02/15/2007 17:07

Analyte	Wavelength/ Mass	RL (%)	
Percent Moisture		1	
Percent Solids		1	

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job Number: 460-303245-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: Moisture XRL Date: 01/01/2007 16:49

Analyte	Wavelength/ Mass	XRL (%)	
Percent Moisture		1	
Percent Solids		1	

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 05/06/2024 15:32 End Date: 05/06/2024 21:02

Lab Sample ID	D/F	Type	Time	Analytes																			
				%Sol	Moist																		
ZZZZZZ			15:32																				
460-303245-2	1	T	15:32	X	X																		
460-303245-3	1	T	15:32	X	X																		
460-303245-4	1	T	15:32	X	X																		
460-303245-5	1	T	15:32	X	X																		
ZZZZZZ			15:32																				
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460-303193-A-1 DU	1	T	15:32	X	X																		
ZZZZZZ			15:32																				
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13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 05/06/2024 15:32 End Date: 05/06/2024 21:02

Lab Sample ID	D / F	Type	Time	Analytes																			
				% Sol	Moist																		
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ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 05/06/2024 15:32 End Date: 05/06/2024 21:02

Lab Sample ID	D / F	Type	Time	Analytes																			
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13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 05/06/2024 15:32 End Date: 05/06/2024 21:02

Lab Sample ID	D / F	Type	Time	Analytes																			
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13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Edison   Job No.: 460-303245-1

SDG No.:

Instrument ID: NOEQUIP   Method: Moisture

Start Date: 05/06/2024 15:32   End Date: 05/06/2024 21:02

Lab Sample ID	D/F	Type	Time	Analytes: %Sol	Moist																		
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460-303083-A-1 MS	1	T	21:00	X	X																		
460-303083-A-1 MSD	1	T	21:00	X	X																		
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13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 05/06/2024 15:32 End Date: 05/06/2024 21:02

Lab Sample ID	D/F	Type	Time	Analytes																			
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Prep Types
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13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 05/08/2024 15:26 End Date: 05/08/2024 22:05

Lab Sample ID	D / F	Type	Time	Analytes																			
				% Sol	Moist																		
ZZZZZZ			15:26																				
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13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 05/08/2024 15:26 End Date: 05/08/2024 22:05

Lab Sample ID	D / F	Type	Time	Analytes																			
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13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 05/08/2024 15:26 End Date: 05/08/2024 22:05

Lab Sample ID	D / F	Type	Time	Analytes																			
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460-303245-1	1	T	16:29	X	X																		
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13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 05/08/2024 15:26 End Date: 05/08/2024 22:05

Lab Sample ID	D / F	Type	Time	Analytes																			
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ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Edison　　Job No.: 460-303245-1

SDG No.:

Instrument ID: NOEQUIP　　Method: Moisture

Start Date: 05/08/2024 15:26　　End Date: 05/08/2024 22:05

Lab Sample ID	D/F	Type	Time	Analytes																			
				%Sol	Moist																		
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Prep Types
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GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Batch Number: 973280 Batch Start Date: 05/06/24 15:32 Batch Analyst: Cho, Claudia J

Batch Method: Moisture Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry	%_Moisture	%_Solid
460-303245-D-2	240503_PWD_SOIL5 6.0-6.5	Moisture	Solid	T		5.39 g	35.22 g	31.73 g	11.6996312437144 %	88.3003687562856 %
460-303245-D-3	240503_PWD_SOIL6 6.0-6.5	Moisture	Solid	T		5.39 g	31.46 g	28.61 g	10.9321058688147 %	89.0678941311853 %
460-303245-D-4	240503_PWD_SOIL7 6.0-6.5	Moisture	Solid	T		5.39 g	30.08 g	26.69 g	13.730255164034 %	86.269744835966 %
460-303245-D-5	DUP-2_050324	Moisture	Solid	T		5.39 g	28.74 g	26.19 g	10.9207708779443 %	89.0792291220557 %
460-303193-A-1 DU		Moisture		T	4	26.57 g	31.95 g	31.45 g	9.29368029739778 %	90.7063197026022 %
460-303083-A-1 MS		Moisture		T		5.39 g	26.65 g	23.79 g	13.4524929444967 %	86.5475070555033 %
460-303083-A-1 MSD		Moisture		T		5.39 g	26.65 g	23.79 g	13.4524929444967 %	86.5475070555033 %

Batch Notes	
Balance ID	106
Oven ID	dm3250
Thermometer ID	100
Date samples were placed in the oven	05/06/2024
Time samples were place in the oven	17:15
Temperature - Start - Uncorrected	100 Degrees C
Oven Temp In	100 Degrees C
Date samples were removed from oven	05/06/2024
Time Samples were removed from oven	17:35
Temperature - End - Uncorrected	100 Degrees C
Oven Temp Out	100 Degrees C
Batch Comment	microwave

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-303245-1

SDG No.:

Batch Number: 973689 Batch Start Date: 05/08/24 15:26 Batch Analyst: Cho, Claudia J

Batch Method: Moisture Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry	%_Moisture	%_Solid
460-303408-A-5 DU		Moisture		T	76	29.62 g	34.57 g	33.79 g	15.7575757575758 %	84.2424242424242 %
460-303245-D-1	240503_PWD_SOIL4_6.0-6.5	Moisture	Solid	T		5.39 g	30.33 g	27.72 g	10.4651162790698 %	89.5348837209302 %

Batch Notes	
Balance ID	106
Oven ID	dm3250
Thermometer ID	100
Date samples were placed in the oven	05/08/2024
Time samples were place in the oven	16:59
Temperature - Start - Uncorrected	100 Degrees C
Oven Temp In	100 Degrees C
Date samples were removed from oven	05/08/2024
Time Samples were removed from oven	17:19
Temperature - End - Uncorrected	100 Degrees C
Oven Temp Out	100 Degrees C
Batch Comment	microwave

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Subcontract Data

Shipping and Receiving Documents

Chain of Custody Record

656168 eurofins | Environment Testing America

Idress. _____

Regulatory Program ☐ DW ☐ NPDES ☐ RCRA ☒ Other PADEP

TAL-8210

Client Contact	Project Manager: Vince Carbone	Site Contact: S. Chubb	Date: 5/3/24	COC No: 1 of 1 COCs
ompany Name: Langan	Tel/Email: see below	Lab Contact: P Grecco	Carrier:	Sampler:
ddress: 1818 Market St. Suite 3300	Analysis Turnaround Time			For Lab Use Only:
ity/State/Zip: Philadelphia, PA 19103	☐ CALENDAR DAYS ☐ WORKING DAYS			Walk-in Client:
hone: 215 845-8900	TAT if different from Below _____			Lab Sampling:
ax: 215-845-8901	☐ 2 weeks ☒ 1 week ☐ 2 days ☐ 1 day — standard per MSA			Job / SDG No. 303245
roject Name: UCS Investigation				
ite: Philadelphia, PA				
O# 220181803				

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	8260	PES ACT 2 Short list	From PESEM - 8260B	Lead - 6020B	EDB + DBCP - 8011	(1400) PES Act 2 Short list from PESEM	Sample Specific Notes:
240503_PWD_SOIL4_6.0-6.5	5/3/24	9 45	G	SO	6	N	N		H	H	H	H	H	H	1
240503_PWD_SOIL5_6.0-6.5	5/3/24	10.40	G	SO	6	N	N		X	X	X	X	X	X	2
240503_PWD_SOIL6_6.0-6.5	5/3/24	11 40	G	SO	6	N	N		X	X	X	X	X	X	3
240503_PWD_SOIL7_6.0-6.5	5/3/24	13 00	G	SO	6	N	N		X	X	X	X	X	X	4
DUP-2_050324	5/3/24	—	G	SO	6	N	N		X	X	X	X	X	X	5
FB-1_050324	5/3/24	1305	FB	FB	8	N	N		X	X	X	X	X	X	6

460-303245 Chain of Custody

SHORT HOLD

Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4=HNO3, 5=NaOH, 6= Other _____

Possible Hazard Identification
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

VCarbone@langan.com; SChubb@langan.com; AGoldberg@langan.com

X - analyze
H - Hold

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No. | Cooler Temp. (°C): Obs'd. _____ Corr'd. _____ | Therm ID No.: _____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
	Langan	5/3/24 13.35		ETA	5/3/24 1325
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
	ETA	5/3 1500		ETA	5/3
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:
HD	ETA	5/3 1900		ETA	5/3 19:00

3.0/3.0 = IR,10

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7/9/2024 3:25 PM

TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 303245

Number of Coolers: 1 IR Gun # 10

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	3.0 °C	3.0 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	°C	°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other
6				62											

If pH adjustments are required record the information below*

Sample No(s). adjusted _____

Preservative Name/Conc. _____ Volume of Preservative used (ml): _____

Lot # of Preservative(s): _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

**Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

Initials: PG Date: 5/3/24

7/9/2024 8:32:15 AM

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler:	Lab PM: Grieco, Patricia	Carrier Tracking No(s):	COC No: 460-71149.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: Patricia.Grieco@et.eurofinsus.com	State of Origin: Pennsylvania	Page: Page 1 of 1
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New Jersey		Job #: 460-303245-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 5/14/2024			
City: Lancaster	TAT Requested (days):			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #:			
Email:	WO #:			
Project Name: UCS Investigation	Project #: 46043537			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
-

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8011/8011_Soil_Prep (MOD) EDB (Hold)	8011/8011_Soil_Prep (MOD) EDB	8011/8011_Prep (MOD) EDB	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
240503_PWD_SOIL4_6.0-6.5 (460-303245-1)	5/3/24	09:45 Eastern		Solid			X			1	
240503_PWD_SOIL5_6.0-6.5 (460-303245-2)	5/3/24	10:40 Eastern		Solid				X		1	
240503_PWD_SOIL6_6.0-6.5 (460-303245-3)	5/3/24	11:40 Eastern		Solid				X		1	
240503_PWD_SOIL7_6.0-6.5 (460-303245-4)	5/3/24	13:00 Eastern		Solid				X		1	
DUP-2_050324 (460-303245-5)	5/3/24	Eastern		Solid				X		1	
FB-1_050324 (460-303245-6)	5/3/24	13:05 Eastern		Water					X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Northeast, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 4	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Date/Time	Company		Date/Time	Company
Relinquished by:	5/6/24 1610	ETE	Received by:	5/6/24 1610	ETE
Relinquished by:	5/6/24 1917	ETE	Received by:		
Relinquished by:			Received by:	5/6/24 1917	ETE

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: raw: 2.6 corr: 2.5

7/9/2024
8:32:15 AM

Login Sample Receipt Checklist

Client: Langan Engineering and Environmental Services LLC

Job Number: 460-303245-1

Login Number: 303245
List Number: 1
Creator: Rivera, Kenneth

List Source: Eurofins Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Langan Engineering and Environmental Services LLC

Job Number: 460-303245-1

Login Number: 303245
List Number: 2
Creator: Metzger, Katherine A

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 05/06/24 08:06 PM

Question	Answer	Comment
The cooler's custody seal is intact.	N/A	Not present
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample custody seals are intact.	N/A	Not present.
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	True	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Vincent Carbone
Langan Engineering and Environmental Services LLC
1818 Market Street
Suite 3300
Philadelphia PA 19103-3638

Generated 9/9/2024 1:05 PM

JOB DESCRIPTION

Bellwether District Holdings, LLC (BDH)

JOB NUMBER

460-309671-1

Eurofins Edison
777 New Durham Road
Edison NJ 08817

See page two for job notes and contact information.

my EOL

Eurofins Edison

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Authorization



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9/9/2024 1:05 PM

Authorized for release by
Patricia Grieco, Senior Project Manager
Patricia.Grieco@et.eurofinsus.com
732 593-2507

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Job Narrative
460-309671-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 8/16/2024 10:10 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.5°C.

Receipt Exceptions
The Chain-of-Custody (COC) was incomplete as received and/or improperly completed. No TAT recorded on the COC.

The following sample(s) was submitted for analysis; however, it was not listed on the Chain-of-Custody (COC): samples 4 + 5.

Per client email on 8/16/2924: We collected a field blank (FB-1_081524) Can you please run that.

The following sample was activated by the client on 8/28/2024 4:41 PM: Can you have the lab run sample 20240815_UCS_INT_3_7.5-8 for the PESRM short list? The Holding time expires on 8/29/2024.

The following sample was activated by the client on 8/30/2024 outside of hold time for 8270 and 8011: 20240815_USC_INT_3_7.5-8.

GC/MS VOA
Method 8260D: The continuing calibration verification (CCV) analyzed in batch 460-991380 was outside the method criteria for the following analyte(s): Naphthalene. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8260D: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 460-991380 recovered outside control limits for the following analyte: Naphthalene. This analyte was biased low in the LCS/LCSD and was not detected in the associated samples; therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC Semi VOA
Method 8011: The following samples required a dilution due to the nature of the sample matrix: 20240815_UCS_INT-1-7.5-8 (460-309671-1) and 20240815_UCS_INT-2-6.5-7 (460-309671-2). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

Method 8011: Surrogate recovery was outside acceptance limits for the following matrix spike (MS) sample: (460-309671-F-3-A MS). The parent sample's surrogate recovery was within limits. The MS sample has been qualified and reported.

Method 8011: Due to a lab error the ending continuing calibration verification occurred greater than 12 hours following the opening CCV. Since the closing CCV passed, the data are reported.

20240815_UCS_INT-3-7.5-8 (460-309671-3)

Method 8011: The following sample(s) was analyzed outside of analytical holding time due to the analysis being activated after the holding time had expired. 20240815_UCS_INT-3-7.5-8 (460-309671-3)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Sample Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 460-309671-1
Project/Site: Bellwether District Holdings, LLC (BDH)

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-309671-1	20240815_UCS_INT-1-7.5-8	Solid	08/15/24 09:45	08/16/24 10:10
460-309671-2	20240815_UCS_INT-2-6.5-7	Solid	08/15/24 09:55	08/16/24 10:10
460-309671-3	20240815_UCS_INT-3-7.5-8	Solid	08/15/24 10:05	08/16/24 10:10
460-309671-4	FB-1-081524	Water	08/15/24 09:10	08/16/24 10:10

Eurofins Edison

Detection Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 460-309671-1
Project/Site: Bellwether District Holdings, LLC (BDH)

Client Sample ID: 20240815_UCS_INT-1-7.5-8
Lab Sample ID: 460-309671-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	0.054		0.042	0.032	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.066		0.042	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.074		0.042	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.036	J	0.42	0.012	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.074	J	0.42	0.018	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.051	J	0.42	0.017	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.094	J	0.42	0.011	mg/Kg	1	☼	8270E	Total/NA
Lead	75.5		0.69	0.23	mg/Kg	1	☼	6020B	Total/NA

Client Sample ID: 20240815_UCS_INT-2-6.5-7
Lab Sample ID: 460-309671-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.0018		0.0015	0.00038	mg/Kg	1	☼	8260D	Total/NA
Anthracene	0.050	J	0.41	0.012	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.32		0.041	0.031	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.44		0.041	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.51		0.041	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.32	J	0.41	0.012	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.40	J	0.41	0.017	mg/Kg	1	☼	8270E	Total/NA
Fluorene	0.030	J	0.41	0.012	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.20	J	0.41	0.017	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.41		0.41	0.010	mg/Kg	1	☼	8270E	Total/NA
Lead	239		0.68	0.23	mg/Kg	1	☼	6020B	Total/NA

Client Sample ID: 20240815_UCS_INT-3-7.5-8
Lab Sample ID: 460-309671-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.0030		0.0015	0.00039	mg/Kg	1	☼	8260D	Total/NA
Xylenes, Total	0.00086	J	0.0030	0.00026	mg/Kg	1	☼	8260D	Total/NA
1,2,4-Trimethylbenzene	0.0015		0.0015	0.00037	mg/Kg	1	☼	8260D	Total/NA
1,3,5-Trimethylbenzene	0.00057	J	0.0015	0.00047	mg/Kg	1	☼	8260D	Total/NA
Isopropylbenzene	0.0016		0.0015	0.00043	mg/Kg	1	☼	8260D	Total/NA
Anthracene	0.042	J H	0.43	0.013	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.17	H	0.043	0.033	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.25	H	0.043	0.012	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.31	H	0.043	0.011	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.18	J H	0.43	0.013	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.24	J H	0.43	0.018	mg/Kg	1	☼	8270E	Total/NA
Fluorene	0.023	J H	0.43	0.013	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.12	J H	0.43	0.018	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.32	J H	0.43	0.011	mg/Kg	1	☼	8270E	Total/NA
Lead	240		0.62	0.21	mg/Kg	1	☼	6020B	Total/NA

Client Sample ID: FB-1-081524
Lab Sample ID: 460-309671-4

No Detections.

This Detection Summary does not include radiochemical test results.

Method Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 460-309671-1
Project/Site: Bellwether District Holdings, LLC (BDH)

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET EDI
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET EDI
8011	EDB, DBCP, and 1,2,3-TCP (GC)	SW846	ELLE
6020B	Metals (ICP/MS)	SW846	EET EDI
Moisture	Percent Moisture	EPA	EET EDI
3010A	Preparation, Total Metals	SW846	EET EDI
3050B	Preparation, Metals	SW846	EET EDI
3546	Microwave Extraction	SW846	EET EDI
5030C	Purge and Trap	SW846	EET EDI
5035	Closed System Purge and Trap	SW846	EET EDI
8011	Microextraction	SW846	ELLE

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Client Sample ID: 20240815_UCS_INT-1-7.5-8
Lab Sample ID: 460-309671-1

Date Collected: 08/15/24 09:45
Matrix: Solid

Date Received: 08/16/24 10:10
Percent Solids: 78.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00031	U	0.0012	0.00031	mg/Kg	☼	08/16/24 17:12	08/24/24 04:35	1
Ethylbenzene	0.00024	U	0.0012	0.00024	mg/Kg	☼	08/16/24 17:12	08/24/24 04:35	1
Toluene	0.00028	U	0.0012	0.00028	mg/Kg	☼	08/16/24 17:12	08/24/24 04:35	1
Xylenes, Total	0.00021	U	0.0024	0.00021	mg/Kg	☼	08/16/24 17:12	08/24/24 04:35	1
1,2-Dichloroethane	0.00036	U	0.0012	0.00036	mg/Kg	☼	08/16/24 17:12	08/24/24 04:35	1
MTBE	0.00062	U	0.0012	0.00062	mg/Kg	☼	08/16/24 17:12	08/24/24 04:35	1
Ethylene Dibromide	0.00022	U	0.0012	0.00022	mg/Kg	☼	08/16/24 17:12	08/24/24 04:35	1
Naphthalene	0.00050	U	0.0018	0.00050	mg/Kg	☼	08/16/24 17:12	08/24/24 04:35	1
1,2,4-Trimethylbenzene	0.00030	U	0.0012	0.00030	mg/Kg	☼	08/16/24 17:12	08/24/24 04:35	1
1,3,5-Trimethylbenzene	0.00038	U	0.0012	0.00038	mg/Kg	☼	08/16/24 17:12	08/24/24 04:35	1
Isopropylbenzene	0.00035	U	0.0012	0.00035	mg/Kg	☼	08/16/24 17:12	08/24/24 04:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*65 - 138*	*08/16/24 17:12*	*08/24/24 04:35*	*1*
4-Bromofluorobenzene	*104*		*71 - 128*	*08/16/24 17:12*	*08/24/24 04:35*	*1*
Dibromofluoromethane (Surr)	*109*		*50 - 150*	*08/16/24 17:12*	*08/24/24 04:35*	*1*
Toluene-d8 (Surr)	*102*		*71 - 126*	*08/16/24 17:12*	*08/24/24 04:35*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	0.013	U	0.42	0.013	mg/Kg	☼	08/21/24 20:34	08/22/24 15:02	1
Benzo[a]anthracene	**0.054**		0.042	0.032	mg/Kg	☼	08/21/24 20:34	08/22/24 15:02	1
Benzo[a]pyrene	**0.066**		0.042	0.011	mg/Kg	☼	08/21/24 20:34	08/22/24 15:02	1
Benzo[b]fluoranthene	**0.074**		0.042	0.011	mg/Kg	☼	08/21/24 20:34	08/22/24 15:02	1
Benzo[g,h,i]perylene	**0.036**	**J**	0.42	0.012	mg/Kg	☼	08/21/24 20:34	08/22/24 15:02	1
Chrysene	**0.074**	**J**	0.42	0.018	mg/Kg	☼	08/21/24 20:34	08/22/24 15:02	1
Fluorene	0.012	U	0.42	0.012	mg/Kg	☼	08/21/24 20:34	08/22/24 15:02	1
Phenanthrene	**0.051**	**J**	0.42	0.017	mg/Kg	☼	08/21/24 20:34	08/22/24 15:02	1
Pyrene	**0.094**	**J**	0.42	0.011	mg/Kg	☼	08/21/24 20:34	08/22/24 15:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*96*		*38 - 128*	*08/21/24 20:34*	*08/22/24 15:02*	*1*
Nitrobenzene-d5 (Surr)	*91*		*31 - 120*	*08/21/24 20:34*	*08/22/24 15:02*	*1*
Terphenyl-d14 (Surr)	*93*		*44 - 147*	*08/21/24 20:34*	*08/22/24 15:02*	*1*

Method: SW846 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	0.0026	U	0.0062	0.0026	mg/Kg	☼	08/21/24 11:19	08/22/24 14:05	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (Surr)	*21*	*S1-*	*60 - 140*	*08/21/24 11:19*	*08/22/24 14:05*	*10*
1,1,2,2-Tetrachloroethane (Surr)	*17*	*S1-*	*60 - 140*	*08/21/24 11:19*	*08/22/24 14:05*	*10*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**75.5**		0.69	0.23	mg/Kg	☼	08/21/24 07:27	08/21/24 21:17	1

Client Sample ID: 20240815_UCS_INT-2-6.5-7
Lab Sample ID: 460-309671-2

Date Collected: 08/15/24 09:55
Matrix: Solid

Date Received: 08/16/24 10:10
Percent Solids: 80.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.0018**		0.0015	0.00038	mg/Kg	☼	08/16/24 17:13	08/24/24 04:59	1
Ethylbenzene	0.00029	U	0.0015	0.00029	mg/Kg	☼	08/16/24 17:13	08/24/24 04:59	1
Toluene	0.00034	U	0.0015	0.00034	mg/Kg	☼	08/16/24 17:13	08/24/24 04:59	1
Xylenes, Total	0.00026	U	0.0029	0.00026	mg/Kg	☼	08/16/24 17:13	08/24/24 04:59	1
1,2-Dichloroethane	0.00044	U	0.0015	0.00044	mg/Kg	☼	08/16/24 17:13	08/24/24 04:59	1
MTBE	0.00075	U	0.0015	0.00075	mg/Kg	☼	08/16/24 17:13	08/24/24 04:59	1
Ethylene Dibromide	0.00026	U	0.0015	0.00026	mg/Kg	☼	08/16/24 17:13	08/24/24 04:59	1
Naphthalene	0.00060	U	0.0022	0.00060	mg/Kg	☼	08/16/24 17:13	08/24/24 04:59	1
1,2,4-Trimethylbenzene	0.00036	U	0.0015	0.00036	mg/Kg	☼	08/16/24 17:13	08/24/24 04:59	1
1,3,5-Trimethylbenzene	0.00046	U	0.0015	0.00046	mg/Kg	☼	08/16/24 17:13	08/24/24 04:59	1
Isopropylbenzene	0.00042	U	0.0015	0.00042	mg/Kg	☼	08/16/24 17:13	08/24/24 04:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*65 - 138*	*08/16/24 17:13*	*08/24/24 04:59*	*1*
4-Bromofluorobenzene	*83*		*71 - 128*	*08/16/24 17:13*	*08/24/24 04:59*	*1*
Dibromofluoromethane (Surr)	*94*		*50 - 150*	*08/16/24 17:13*	*08/24/24 04:59*	*1*
Toluene-d8 (Surr)	*91*		*71 - 126*	*08/16/24 17:13*	*08/24/24 04:59*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	**0.050**	**J**	0.41	0.012	mg/Kg	☼	08/21/24 20:34	08/22/24 15:24	1
Benzo[a]anthracene	**0.32**		0.041	0.031	mg/Kg	☼	08/21/24 20:34	08/22/24 15:24	1
Benzo[a]pyrene	**0.44**		0.041	0.011	mg/Kg	☼	08/21/24 20:34	08/22/24 15:24	1
Benzo[b]fluoranthene	**0.51**		0.041	0.011	mg/Kg	☼	08/21/24 20:34	08/22/24 15:24	1
Benzo[g,h,i]perylene	**0.32**	**J**	0.41	0.012	mg/Kg	☼	08/21/24 20:34	08/22/24 15:24	1
Chrysene	**0.40**	**J**	0.41	0.017	mg/Kg	☼	08/21/24 20:34	08/22/24 15:24	1
Fluorene	**0.030**	**J**	0.41	0.012	mg/Kg	☼	08/21/24 20:34	08/22/24 15:24	1
Phenanthrene	**0.20**	**J**	0.41	0.017	mg/Kg	☼	08/21/24 20:34	08/22/24 15:24	1
Pyrene	**0.41**		0.41	0.010	mg/Kg	☼	08/21/24 20:34	08/22/24 15:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*94*		*38 - 128*	*08/21/24 20:34*	*08/22/24 15:24*	*1*
Nitrobenzene-d5 (Surr)	*88*		*31 - 120*	*08/21/24 20:34*	*08/22/24 15:24*	*1*
Terphenyl-d14 (Surr)	*93*		*44 - 147*	*08/21/24 20:34*	*08/22/24 15:24*	*1*

Method: SW846 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	0.0025	U	0.0060	0.0025	mg/Kg	☼	08/21/24 11:19	08/22/24 13:48	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (Surr)	*14*	*S1-*	*60 - 140*	*08/21/24 11:19*	*08/22/24 13:48*	*10*
1,1,2,2-Tetrachloroethane (Surr)	*8*	*S1-*	*60 - 140*	*08/21/24 11:19*	*08/22/24 13:48*	*10*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**239**		0.68	0.23	mg/Kg	☼	08/21/24 07:27	08/21/24 21:19	1

Client Sample ID: 20240815_UCS_INT-3-7.5-8
Lab Sample ID: 460-309671-3

Date Collected: 08/15/24 10:05
Matrix: Solid

Date Received: 08/16/24 10:10
Percent Solids: 76.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.0030**		0.0015	0.00039	mg/Kg	☼	08/16/24 17:14	08/28/24 23:44	1
Ethylbenzene	0.00030	U	0.0015	0.00030	mg/Kg	☼	08/16/24 17:14	08/28/24 23:44	1
Toluene	0.00035	U	0.0015	0.00035	mg/Kg	☼	08/16/24 17:14	08/28/24 23:44	1
Xylenes, Total	**0.00086**	**J**	0.0030	0.00026	mg/Kg	☼	08/16/24 17:14	08/28/24 23:44	1
1,2-Dichloroethane	0.00045	U	0.0015	0.00045	mg/Kg	☼	08/16/24 17:14	08/28/24 23:44	1
MTBE	0.00077	U	0.0015	0.00077	mg/Kg	☼	08/16/24 17:14	08/28/24 23:44	1
Ethylene Dibromide	0.00027	U	0.0015	0.00027	mg/Kg	☼	08/16/24 17:14	08/28/24 23:44	1
Naphthalene	0.00062	U	0.0023	0.00062	mg/Kg	☼	08/16/24 17:14	08/28/24 23:44	1
1,2,4-Trimethylbenzene	**0.0015**		0.0015	0.00037	mg/Kg	☼	08/16/24 17:14	08/28/24 23:44	1
1,3,5-Trimethylbenzene	**0.00057**	**J**	0.0015	0.00047	mg/Kg	☼	08/16/24 17:14	08/28/24 23:44	1
Isopropylbenzene	**0.0016**		0.0015	0.00043	mg/Kg	☼	08/16/24 17:14	08/28/24 23:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*117*		*65 - 138*	*08/16/24 17:14*	*08/28/24 23:44*	*1*
4-Bromofluorobenzene	*112*		*71 - 128*	*08/16/24 17:14*	*08/28/24 23:44*	*1*
Dibromofluoromethane (Surr)	*119*		*50 - 150*	*08/16/24 17:14*	*08/28/24 23:44*	*1*
Toluene-d8 (Surr)	*106*		*71 - 126*	*08/16/24 17:14*	*08/28/24 23:44*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	**0.042**	**J H**	0.43	0.013	mg/Kg	☼	08/31/24 09:08	09/01/24 18:27	1
Benzo[a]anthracene	**0.17**	**H**	0.043	0.033	mg/Kg	☼	08/31/24 09:08	09/01/24 18:27	1
Benzo[a]pyrene	**0.25**	**H**	0.043	0.012	mg/Kg	☼	08/31/24 09:08	09/01/24 18:27	1
Benzo[b]fluoranthene	**0.31**	**H**	0.043	0.011	mg/Kg	☼	08/31/24 09:08	09/01/24 18:27	1
Benzo[g,h,i]perylene	**0.18**	**J H**	0.43	0.013	mg/Kg	☼	08/31/24 09:08	09/01/24 18:27	1
Chrysene	**0.24**	**J H**	0.43	0.018	mg/Kg	☼	08/31/24 09:08	09/01/24 18:27	1
Fluorene	**0.023**	**J H**	0.43	0.013	mg/Kg	☼	08/31/24 09:08	09/01/24 18:27	1
Phenanthrene	**0.12**	**J H**	0.43	0.018	mg/Kg	☼	08/31/24 09:08	09/01/24 18:27	1
Pyrene	**0.32**	**J H**	0.43	0.011	mg/Kg	☼	08/31/24 09:08	09/01/24 18:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*47*		*38 - 128*	*08/31/24 09:08*	*09/01/24 18:27*	*1*
Nitrobenzene-d5 (Surr)	*45*		*31 - 120*	*08/31/24 09:08*	*09/01/24 18:27*	*1*
Terphenyl-d14 (Surr)	*51*		*44 - 147*	*08/31/24 09:08*	*09/01/24 18:27*	*1*

Method: SW846 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	0.00027	U H F2	0.00064	0.00027	mg/Kg	☼	09/04/24 08:45	09/06/24 15:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (Surr)	*79*		*60 - 140*	*09/04/24 08:45*	*09/06/24 15:44*	*1*
1,1,2,2-Tetrachloroethane (Surr)	*76*		*60 - 140*	*09/04/24 08:45*	*09/06/24 15:44*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**240**		0.62	0.21	mg/Kg	☼	08/30/24 21:10	08/31/24 11:45	1

Client Sample ID: FB-1-081524
Lab Sample ID: 460-309671-4

Date Collected: 08/15/24 09:10
Matrix: Water
Date Received: 08/16/24 10:10

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			08/21/24 11:11	1
Benzene	0.20	U	1.0	0.20	ug/L			08/21/24 11:11	1
Toluene	0.38	U	1.0	0.38	ug/L			08/21/24 11:11	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			08/21/24 11:11	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			08/21/24 11:11	1
MTBE	0.22	U	1.0	0.22	ug/L			08/21/24 11:11	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/21/24 11:11	1
Naphthalene	0.88	U	1.0	0.88	ug/L			08/21/24 11:11	1
1,2,4-Trimethylbenzene	0.37	U	1.0	0.37	ug/L			08/21/24 11:11	1
1,3,5-Trimethylbenzene	0.33	U	1.0	0.33	ug/L			08/21/24 11:11	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			08/21/24 11:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 128*		*08/21/24 11:11*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*08/21/24 11:11*	*1*
4-Bromofluorobenzene	*102*		*76 - 120*		*08/21/24 11:11*	*1*
Dibromofluoromethane (Surr)	*100*		*77 - 132*		*08/21/24 11:11*	*1*

Method: SW846 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	0.0096	U	0.029	0.0096	ug/L		08/22/24 23:46	08/23/24 12:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (Surr)	*82*		*46 - 136*	*08/22/24 23:46*	*08/23/24 12:47*	*1*
1,1,2,2-Tetrachloroethane (Surr)	*87*		*46 - 136*	*08/22/24 23:46*	*08/23/24 12:47*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.84	U	1.2	0.84	ug/L		08/20/24 22:05	08/22/24 18:00	1

Surrogate Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 460-309671-1
Project/Site: Bellwether District Holdings, LLC (BDH)

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(65-138)	(71-128)	(50-150)	(71-126)
460-309671-1	20240815_UCS_INT-1-7.5-8	112	104	109	102
460-309671-2	20240815_UCS_INT-2-6.5-7	95	83	94	91
460-309671-3	20240815_UCS_INT-3-7.5-8	117	112	119	106
LB3 460-990937/2-A	Method Blank	93	106	102	99
LCS 460-991380/3	Lab Control Sample	92	101	94	91
LCS 460-992235/2	Lab Control Sample	109	90	105	100
LCS 460-993062/3	Lab Control Sample	120	100	118	98
LCSD 460-991380/4	Lab Control Sample Dup	94	103	97	93
LCSD 460-992235/3	Lab Control Sample Dup	113	96	108	104
LCSD 460-993062/4	Lab Control Sample Dup	116	98	118	99
MB 460-991380/10	Method Blank	93	104	106	94
MB 460-992235/6	Method Blank	111	93	105	102
MB 460-993062/26	Method Blank	120	93	116	96

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	TOL	BFB	DBFM
Lab Sample ID	Client Sample ID	(70-128)	(80-120)	(76-120)	(77-132)
460-309671-4	FB-1-081524	97	99	102	100
LCS 460-991594/4	Lab Control Sample	95	100	101	99
LCSD 460-991594/5	Lab Control Sample Dup	95	98	100	98
MB 460-991594/9	Method Blank	97	98	100	98

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene
DBFM = Dibromofluoromethane (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)		
		FBP	NBZ	TPHL
Lab Sample ID	Client Sample ID	(38-128)	(31-120)	(44-147)
460-309671-1	20240815_UCS_INT-1-7.5-8	96	91	93
460-309671-2	20240815_UCS_INT-2-6.5-7	94	88	93
460-309671-3	20240815_UCS_INT-3-7.5-8	47	45	51
460-309681-E-1-D MS	Matrix Spike	77	155 S1+	85
460-309681-E-1-E MSD	Matrix Spike Duplicate	77	156 S1+	85
460-309850-F-13-A MS	Matrix Spike	90	87	101
460-309850-F-13-B MSD	Matrix Spike Duplicate	95	92	101
LCS 460-991761/2-A	Lab Control Sample	98	94	102

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		FBP	NBZ	TPHL
Lab Sample ID	Client Sample ID	(38-128)	(31-120)	(44-147)
LCS 460-993561/2-A	Lab Control Sample	95	101	95
LCSD 460-991761/3-A	Lab Control Sample Dup	90	88	96
LCSD 460-993561/3-A	Lab Control Sample Dup	94	100	94
MB 460-991761/1-A	Method Blank	93	92	102
MB 460-993561/1-A	Method Blank	98	105	101

Surrogate Legend

FBP = 2-Fluorobiphenyl
NBZ = Nitrobenzene-d5 (Surr)
TPHL = Terphenyl-d14 (Surr)

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		1122TCA1	1122TCA2
Lab Sample ID	Client Sample ID	(60-140)	(60-140)
460-309671-1	20240815_UCS_INT-1-7.5-8	21 S1-	17 S1-
460-309671-2	20240815_UCS_INT-2-6.5-7	14 S1-	8 S1-
460-309671-3	20240815_UCS_INT-3-7.5-8	79	76
460-309671-3 MS	20240815_UCS_INT-3-7.5-8	59 S1-	60
460-309671-3 MSD	20240815_UCS_INT-3-7.5-8	79	82
LCS 410-542917/2-A	Lab Control Sample	113	109
LCS 410-547493/2-A	Lab Control Sample	108	105
LCSD 410-542917/3-A	Lab Control Sample Dup	108	103
LCSD 410-547493/3-A	Lab Control Sample Dup	97	101
MB 410-542917/1-A	Method Blank	119	113
MB 410-547493/1-A	Method Blank	115	108

Surrogate Legend

1122TCA = 1,1,2,2-Tetrachloroethane (Surr)

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		1122TCA1	1122TCA2
Lab Sample ID	Client Sample ID	(46-136)	(46-136)
460-309671-4	FB-1-081524	82	87
LCS 410-543677/2-A	Lab Control Sample		95
LCSD 410-543677/3-A	Lab Control Sample Dup		92
MB 410-543677/1-A	Method Blank		101

Surrogate Legend

1122TCA = 1,1,2,2-Tetrachloroethane (Surr)

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: LB3 460-990937/2-A
Matrix: Solid
Analysis Batch: 991380

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 990937

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00026	U	0.0010	0.00026	mg/Kg		08/16/24 17:10	08/20/24 13:14	1
Ethylbenzene	0.00020	U	0.0010	0.00020	mg/Kg		08/16/24 17:10	08/20/24 13:14	1
Toluene	0.00023	U	0.0010	0.00023	mg/Kg		08/16/24 17:10	08/20/24 13:14	1
Xylenes, Total	0.00017	U	0.0020	0.00017	mg/Kg		08/16/24 17:10	08/20/24 13:14	1
1,2-Dichloroethane	0.00030	U	0.0010	0.00030	mg/Kg		08/16/24 17:10	08/20/24 13:14	1
MTBE	0.00051	U	0.0010	0.00051	mg/Kg		08/16/24 17:10	08/20/24 13:14	1
Ethylene Dibromide	0.00018	U	0.0010	0.00018	mg/Kg		08/16/24 17:10	08/20/24 13:14	1
Naphthalene	0.00384		0.0015	0.00041	mg/Kg		08/16/24 17:10	08/20/24 13:14	1
1,2,4-Trimethylbenzene	0.00025	U	0.0010	0.00025	mg/Kg		08/16/24 17:10	08/20/24 13:14	1
1,3,5-Trimethylbenzene	0.00031	U	0.0010	0.00031	mg/Kg		08/16/24 17:10	08/20/24 13:14	1
Isopropylbenzene	0.00029	U	0.0010	0.00029	mg/Kg		08/16/24 17:10	08/20/24 13:14	1

Surrogate	*LB3 %Recovery*	*LB3 Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*65 - 138*	*08/16/24 17:10*	*08/20/24 13:14*	*1*
4-Bromofluorobenzene	*106*		*71 - 128*	*08/16/24 17:10*	*08/20/24 13:14*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*	*08/16/24 17:10*	*08/20/24 13:14*	*1*
Dibromofluoromethane (Surr)	*102*		*50 - 150*	*08/16/24 17:10*	*08/20/24 13:14*	*1*

Lab Sample ID: MB 460-991380/10
Matrix: Solid
Analysis Batch: 991380

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00026	U	0.0010	0.00026	mg/Kg			08/20/24 12:25	1
Ethylbenzene	0.00020	U	0.0010	0.00020	mg/Kg			08/20/24 12:25	1
Toluene	0.00023	U	0.0010	0.00023	mg/Kg			08/20/24 12:25	1
Xylenes, Total	0.00017	U	0.0020	0.00017	mg/Kg			08/20/24 12:25	1
1,2-Dichloroethane	0.00030	U	0.0010	0.00030	mg/Kg			08/20/24 12:25	1
MTBE	0.00051	U	0.0010	0.00051	mg/Kg			08/20/24 12:25	1
Ethylene Dibromide	0.00018	U	0.0010	0.00018	mg/Kg			08/20/24 12:25	1
Naphthalene	0.00372		0.0015	0.00041	mg/Kg			08/20/24 12:25	1
1,2,4-Trimethylbenzene	0.000332	J	0.0010	0.00025	mg/Kg			08/20/24 12:25	1
1,3,5-Trimethylbenzene	0.00031	U	0.0010	0.00031	mg/Kg			08/20/24 12:25	1
Isopropylbenzene	0.00029	U	0.0010	0.00029	mg/Kg			08/20/24 12:25	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*65 - 138*		*08/20/24 12:25*	*1*
4-Bromofluorobenzene	*104*		*71 - 128*		*08/20/24 12:25*	*1*
Toluene-d8 (Surr)	*94*		*71 - 126*		*08/20/24 12:25*	*1*
Dibromofluoromethane (Surr)	*106*		*50 - 150*		*08/20/24 12:25*	*1*

Lab Sample ID: LCS 460-991380/3
Matrix: Solid
Analysis Batch: 991380

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.0200	0.0200		mg/Kg		100	75 - 120		
Ethylbenzene			0.0200	0.0211		mg/Kg		105	80 - 120		

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-991380/3
Matrix: Solid
Analysis Batch: 991380

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Toluene			0.0200	0.0196		mg/Kg		98	80 - 120		
Xylenes, Total			0.0400	0.0428		mg/Kg		107	80 - 120		
1,2-Dichloroethane			0.0200	0.0205		mg/Kg		102	70 - 123		
MTBE			0.0200	0.0198		mg/Kg		99	74 - 125		
Ethylene Dibromide			0.0200	0.0193		mg/Kg		97	79 - 120		
Naphthalene			0.0200	0.00464	*-	mg/Kg		23	75 - 137		
1,2,4-Trimethylbenzene			0.0200	0.0208		mg/Kg		104	75 - 120		
1,3,5-Trimethylbenzene			0.0200	0.0209		mg/Kg		105	70 - 120		
Isopropylbenzene			0.0200	0.0228		mg/Kg		114	74 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*92*		*65 - 138*
4-Bromofluorobenzene	*101*		*71 - 128*
Toluene-d8 (Surr)	*91*		*71 - 126*
Dibromofluoromethane (Surr)	*94*		*50 - 150*

Lab Sample ID: LCSD 460-991380/4
Matrix: Solid
Analysis Batch: 991380

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.0200	0.0193		mg/Kg		97	75 - 120	4	30
Ethylbenzene			0.0200	0.0193		mg/Kg		97	80 - 120	8	30
Toluene			0.0200	0.0188		mg/Kg		94	80 - 120	4	30
Xylenes, Total			0.0400	0.0413		mg/Kg		103	80 - 120	4	30
1,2-Dichloroethane			0.0200	0.0179		mg/Kg		90	70 - 123	13	30
MTBE			0.0200	0.0200		mg/Kg		100	74 - 125	1	30
Ethylene Dibromide			0.0200	0.0173		mg/Kg		87	79 - 120	11	30
Naphthalene			0.0200	0.00497	*-	mg/Kg		25	75 - 137	7	30
1,2,4-Trimethylbenzene			0.0200	0.0190		mg/Kg		95	75 - 120	9	30
1,3,5-Trimethylbenzene			0.0200	0.0194		mg/Kg		97	70 - 120	8	30
Isopropylbenzene			0.0200	0.0226		mg/Kg		113	74 - 120	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*94*		*65 - 138*
4-Bromofluorobenzene	*103*		*71 - 128*
Toluene-d8 (Surr)	*93*		*71 - 126*
Dibromofluoromethane (Surr)	*97*		*50 - 150*

Lab Sample ID: MB 460-991594/9
Matrix: Water
Analysis Batch: 991594

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.20	U	1.0	0.20	ug/L			08/21/24 08:53	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			08/21/24 08:53	1
Toluene	0.38	U	1.0	0.38	ug/L			08/21/24 08:53	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			08/21/24 08:53	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-991594/9
Matrix: Water
Analysis Batch: 991594

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			08/21/24 08:53	1
MTBE	0.22	U	1.0	0.22	ug/L			08/21/24 08:53	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			08/21/24 08:53	1
Naphthalene	0.88	U	1.0	0.88	ug/L			08/21/24 08:53	1
1,2,4-Trimethylbenzene	0.37	U	1.0	0.37	ug/L			08/21/24 08:53	1
1,3,5-Trimethylbenzene	0.33	U	1.0	0.33	ug/L			08/21/24 08:53	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			08/21/24 08:53	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 128*		*08/21/24 08:53*	*1*
4-Bromofluorobenzene	*100*		*76 - 120*		*08/21/24 08:53*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*08/21/24 08:53*	*1*
Dibromofluoromethane (Surr)	*98*		*77 - 132*		*08/21/24 08:53*	*1*

Lab Sample ID: LCS 460-991594/4
Matrix: Water
Analysis Batch: 991594

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			20.0	23.1		ug/L		115	71 - 126		
Ethylbenzene			20.0	23.6		ug/L		118	78 - 120		
Toluene			20.0	22.9		ug/L		114	78 - 120		
Xylenes, Total			40.0	47.7		ug/L		119	80 - 120		
1,2-Dichloroethane			20.0	22.9		ug/L		115	66 - 129		
MTBE			20.0	23.1		ug/L		116	72 - 131		
Ethylene Dibromide			20.0	22.4		ug/L		112	79 - 126		
Naphthalene			20.0	23.6		ug/L		118	57 - 146		
1,2,4-Trimethylbenzene			20.0	23.6		ug/L		118	75 - 125		
1,3,5-Trimethylbenzene			20.0	23.7		ug/L		119	75 - 125		
Isopropylbenzene			20.0	23.4		ug/L		117	79 - 125		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*95*		*70 - 128*
4-Bromofluorobenzene	*101*		*76 - 120*
Toluene-d8 (Surr)	*100*		*80 - 120*
Dibromofluoromethane (Surr)	*99*		*77 - 132*

Lab Sample ID: LCSD 460-991594/5
Matrix: Water
Analysis Batch: 991594

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			20.0	21.6		ug/L		108	71 - 126	6	30
Ethylbenzene			20.0	21.8		ug/L		109	78 - 120	8	30
Toluene			20.0	21.3		ug/L		107	78 - 120	7	30
Xylenes, Total			40.0	45.1		ug/L		113	80 - 120	6	30
1,2-Dichloroethane			20.0	21.5		ug/L		108	66 - 129	6	30
MTBE			20.0	22.2		ug/L		111	72 - 131	4	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-991594/5
Matrix: Water
Analysis Batch: 991594

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ethylene Dibromide			20.0	21.4		ug/L		107	79 - 126	4	30
Naphthalene			20.0	22.9		ug/L		115	57 - 146	3	30
1,2,4-Trimethylbenzene			20.0	22.5		ug/L		112	75 - 125	5	30
1,3,5-Trimethylbenzene			20.0	22.2		ug/L		111	75 - 125	7	30
Isopropylbenzene			20.0	21.7		ug/L		109	79 - 125	7	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*95*		*70 - 128*
4-Bromofluorobenzene	*100*		*76 - 120*
Toluene-d8 (Surr)	*98*		*80 - 120*
Dibromofluoromethane (Surr)	*98*		*77 - 132*

Lab Sample ID: MB 460-992235/6
Matrix: Solid
Analysis Batch: 992235

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00026	U	0.0010	0.00026	mg/Kg			08/23/24 21:51	1
Ethylbenzene	0.00020	U	0.0010	0.00020	mg/Kg			08/23/24 21:51	1
Toluene	0.00023	U	0.0010	0.00023	mg/Kg			08/23/24 21:51	1
Xylenes, Total	0.00017	U	0.0020	0.00017	mg/Kg			08/23/24 21:51	1
1,2-Dichloroethane	0.00030	U	0.0010	0.00030	mg/Kg			08/23/24 21:51	1
MTBE	0.00051	U	0.0010	0.00051	mg/Kg			08/23/24 21:51	1
Ethylene Dibromide	0.00018	U	0.0010	0.00018	mg/Kg			08/23/24 21:51	1
Naphthalene	0.00041	U	0.0015	0.00041	mg/Kg			08/23/24 21:51	1
1,2,4-Trimethylbenzene	0.00025	U	0.0010	0.00025	mg/Kg			08/23/24 21:51	1
1,3,5-Trimethylbenzene	0.00031	U	0.0010	0.00031	mg/Kg			08/23/24 21:51	1
Isopropylbenzene	0.00029	U	0.0010	0.00029	mg/Kg			08/23/24 21:51	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*65 - 138*		*08/23/24 21:51*	*1*
4-Bromofluorobenzene	*93*		*71 - 128*		*08/23/24 21:51*	*1*
Toluene-d8 (Surr)	*102*		*71 - 126*		*08/23/24 21:51*	*1*
Dibromofluoromethane (Surr)	*105*		*50 - 150*		*08/23/24 21:51*	*1*

Lab Sample ID: LCS 460-992235/2
Matrix: Solid
Analysis Batch: 992235

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.0200	0.0210		mg/Kg		105	75 - 120		
Ethylbenzene			0.0200	0.0212		mg/Kg		106	80 - 120		
Toluene			0.0200	0.0207		mg/Kg		104	80 - 120		
Xylenes, Total			0.0400	0.0415		mg/Kg		104	80 - 120		
1,2-Dichloroethane			0.0200	0.0218		mg/Kg		109	70 - 123		
MTBE			0.0200	0.0224		mg/Kg		112	74 - 125		
Ethylene Dibromide			0.0200	0.0191		mg/Kg		96	79 - 120		
Naphthalene			0.0200	0.0193		mg/Kg		97	75 - 137		

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-992235/2
Matrix: Solid
Analysis Batch: 992235

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,2,4-Trimethylbenzene			0.0200	0.0205		mg/Kg		103	75 - 120		
1,3,5-Trimethylbenzene			0.0200	0.0199		mg/Kg		100	70 - 120		
Isopropylbenzene			0.0200	0.0210		mg/Kg		105	74 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*109*		*65 - 138*
4-Bromofluorobenzene	*90*		*71 - 128*
Toluene-d8 (Surr)	*100*		*71 - 126*
Dibromofluoromethane (Surr)	*105*		*50 - 150*

Lab Sample ID: LCSD 460-992235/3
Matrix: Solid
Analysis Batch: 992235

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.0200	0.0207		mg/Kg		103	75 - 120	2	30
Ethylbenzene			0.0200	0.0216		mg/Kg		108	80 - 120	2	30
Toluene			0.0200	0.0212		mg/Kg		106	80 - 120	2	30
Xylenes, Total			0.0400	0.0408		mg/Kg		102	80 - 120	2	30
1,2-Dichloroethane			0.0200	0.0222		mg/Kg		111	70 - 123	2	30
MTBE			0.0200	0.0224		mg/Kg		112	74 - 125	0	30
Ethylene Dibromide			0.0200	0.0195		mg/Kg		98	79 - 120	2	30
Naphthalene			0.0200	0.0197		mg/Kg		98	75 - 137	2	30
1,2,4-Trimethylbenzene			0.0200	0.0211		mg/Kg		105	75 - 120	3	30
1,3,5-Trimethylbenzene			0.0200	0.0206		mg/Kg		103	70 - 120	3	30
Isopropylbenzene			0.0200	0.0208		mg/Kg		104	74 - 120	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*113*		*65 - 138*
4-Bromofluorobenzene	*96*		*71 - 128*
Toluene-d8 (Surr)	*104*		*71 - 126*
Dibromofluoromethane (Surr)	*108*		*50 - 150*

Lab Sample ID: MB 460-993062/26
Matrix: Solid
Analysis Batch: 993062

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00026	U	0.0010	0.00026	mg/Kg			08/28/24 23:06	1
Ethylbenzene	0.00020	U	0.0010	0.00020	mg/Kg			08/28/24 23:06	1
Toluene	0.00023	U	0.0010	0.00023	mg/Kg			08/28/24 23:06	1
Xylenes, Total	0.00017	U	0.0020	0.00017	mg/Kg			08/28/24 23:06	1
1,2-Dichloroethane	0.00030	U	0.0010	0.00030	mg/Kg			08/28/24 23:06	1
MTBE	0.00051	U	0.0010	0.00051	mg/Kg			08/28/24 23:06	1
Ethylene Dibromide	0.00018	U	0.0010	0.00018	mg/Kg			08/28/24 23:06	1
Naphthalene	0.00041	U	0.0015	0.00041	mg/Kg			08/28/24 23:06	1
1,2,4-Trimethylbenzene	0.00025	U	0.0010	0.00025	mg/Kg			08/28/24 23:06	1
1,3,5-Trimethylbenzene	0.00031	U	0.0010	0.00031	mg/Kg			08/28/24 23:06	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-993062/26
Matrix: Solid
Analysis Batch: 993062

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	0.00029	U	0.0010	0.00029	mg/Kg			08/28/24 23:06	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*120*		*65 - 138*		*08/28/24 23:06*	*1*
4-Bromofluorobenzene	*93*		*71 - 128*		*08/28/24 23:06*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*		*08/28/24 23:06*	*1*
Dibromofluoromethane (Surr)	*116*		*50 - 150*		*08/28/24 23:06*	*1*

Lab Sample ID: LCS 460-993062/3
Matrix: Solid
Analysis Batch: 993062

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.0200	0.0178		mg/Kg		89	75 - 120
Ethylbenzene	0.0200	0.0189		mg/Kg		94	80 - 120
Toluene	0.0200	0.0183		mg/Kg		92	80 - 120
Xylenes, Total	0.0400	0.0383		mg/Kg		96	80 - 120
1,2-Dichloroethane	0.0200	0.0219		mg/Kg		109	70 - 123
MTBE	0.0200	0.0221		mg/Kg		110	74 - 125
Ethylene Dibromide	0.0200	0.0207		mg/Kg		104	79 - 120
Naphthalene	0.0200	0.0177		mg/Kg		89	75 - 137
1,2,4-Trimethylbenzene	0.0200	0.0181		mg/Kg		90	75 - 120
1,3,5-Trimethylbenzene	0.0200	0.0183		mg/Kg		91	70 - 120
Isopropylbenzene	0.0200	0.0192		mg/Kg		96	74 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*120*		*65 - 138*
4-Bromofluorobenzene	*100*		*71 - 128*
Toluene-d8 (Surr)	*98*		*71 - 126*
Dibromofluoromethane (Surr)	*118*		*50 - 150*

Lab Sample ID: LCSD 460-993062/4
Matrix: Solid
Analysis Batch: 993062

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.0200	0.0181		mg/Kg		91	75 - 120	2	30
Ethylbenzene	0.0200	0.0188		mg/Kg		94	80 - 120	0	30
Toluene	0.0200	0.0185		mg/Kg		92	80 - 120	1	30
Xylenes, Total	0.0400	0.0385		mg/Kg		96	80 - 120	0	30
1,2-Dichloroethane	0.0200	0.0221		mg/Kg		110	70 - 123	1	30
MTBE	0.0200	0.0219		mg/Kg		109	74 - 125	1	30
Ethylene Dibromide	0.0200	0.0207		mg/Kg		104	79 - 120	0	30
Naphthalene	0.0200	0.0175		mg/Kg		87	75 - 137	1	30
1,2,4-Trimethylbenzene	0.0200	0.0182		mg/Kg		91	75 - 120	1	30
1,3,5-Trimethylbenzene	0.0200	0.0185		mg/Kg		93	70 - 120	1	30
Isopropylbenzene	0.0200	0.0195		mg/Kg		98	74 - 120	2	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-993062/4
Matrix: Solid
Analysis Batch: 993062

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	116		65 - 138
4-Bromofluorobenzene	98		71 - 128
Toluene-d8 (Surr)	99		71 - 126
Dibromofluoromethane (Surr)	118		50 - 150

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 460-991761/1-A
Matrix: Solid
Analysis Batch: 991830

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 991761

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	0.010	U	0.33	0.010	mg/Kg		08/21/24 20:34	08/22/24 07:34	1
Benzo[a]anthracene	0.025	U	0.033	0.025	mg/Kg		08/21/24 20:34	08/22/24 07:34	1
Benzo[a]pyrene	0.0088	U	0.033	0.0088	mg/Kg		08/21/24 20:34	08/22/24 07:34	1
Benzo[b]fluoranthene	0.0086	U	0.033	0.0086	mg/Kg		08/21/24 20:34	08/22/24 07:34	1
Benzo[g,h,i]perylene	0.0098	U	0.33	0.0098	mg/Kg		08/21/24 20:34	08/22/24 07:34	1
Chrysene	0.014	U	0.33	0.014	mg/Kg		08/21/24 20:34	08/22/24 07:34	1
Fluorene	0.0097	U	0.33	0.0097	mg/Kg		08/21/24 20:34	08/22/24 07:34	1
Phenanthrene	0.014	U	0.33	0.014	mg/Kg		08/21/24 20:34	08/22/24 07:34	1
Pyrene	0.0082	U	0.33	0.0082	mg/Kg		08/21/24 20:34	08/22/24 07:34	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	93		38 - 128	08/21/24 20:34	08/22/24 07:34	1
Nitrobenzene-d5 (Surr)	92		31 - 120	08/21/24 20:34	08/22/24 07:34	1
Terphenyl-d14 (Surr)	102		44 - 147	08/21/24 20:34	08/22/24 07:34	1

Lab Sample ID: LCS 460-991761/2-A
Matrix: Solid
Analysis Batch: 991830

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 991761

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Anthracene	3.33	3.29		mg/Kg		99	67 - 120
Benzo[a]anthracene	3.33	3.17		mg/Kg		95	66 - 120
Benzo[a]pyrene	3.33	3.48		mg/Kg		104	73 - 123
Benzo[b]fluoranthene	3.33	3.26		mg/Kg		98	70 - 125
Benzo[g,h,i]perylene	3.33	3.77		mg/Kg		113	66 - 120
Chrysene	3.33	3.20		mg/Kg		96	67 - 120
Fluorene	3.33	3.21		mg/Kg		96	64 - 120
Phenanthrene	3.33	3.26		mg/Kg		98	66 - 120
Pyrene	3.33	3.42		mg/Kg		103	61 - 121

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorobiphenyl	98		38 - 128
Nitrobenzene-d5 (Surr)	94		31 - 120
Terphenyl-d14 (Surr)	102		44 - 147

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-991761/3-A
Client Sample ID: Lab Control Sample Dup
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 991830
Prep Batch: 991761

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Anthracene			3.33	3.06		mg/Kg		92	67 - 120	7	30
Benzo[a]anthracene			3.33	2.95		mg/Kg		89	66 - 120	7	30
Benzo[a]pyrene			3.33	3.18		mg/Kg		95	73 - 123	9	30
Benzo[b]fluoranthene			3.33	3.00		mg/Kg		90	70 - 125	8	30
Benzo[g,h,i]perylene			3.33	3.42		mg/Kg		103	66 - 120	10	30
Chrysene			3.33	2.91		mg/Kg		87	67 - 120	10	30
Fluorene			3.33	2.95		mg/Kg		89	64 - 120	8	30
Phenanthrene			3.33	3.00		mg/Kg		90	66 - 120	8	30
Pyrene			3.33	3.20		mg/Kg		96	61 - 121	7	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2-Fluorobiphenyl	*90*		*38 - 128*
Nitrobenzene-d5 (Surr)	*88*		*31 - 120*
Terphenyl-d14 (Surr)	*96*		*44 - 147*

Lab Sample ID: 460-309850-F-13-A MS
Client Sample ID: Matrix Spike
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 991830
Prep Batch: 991761

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Anthracene	0.033	J	3.62	3.37		mg/Kg	☼	92	67 - 120
Benzo[a]anthracene	0.072		3.62	3.34		mg/Kg	☼	90	66 - 120
Benzo[a]pyrene	0.056		3.62	3.53		mg/Kg	☼	96	73 - 123
Benzo[b]fluoranthene	0.076		3.62	3.41		mg/Kg	☼	92	70 - 125
Benzo[g,h,i]perylene	0.039	J	3.62	3.83		mg/Kg	☼	105	66 - 120
Chrysene	0.068	J	3.62	3.28		mg/Kg	☼	89	67 - 120
Fluorene	0.014	J	3.62	3.23		mg/Kg	☼	89	64 - 120
Phenanthrene	0.17	J	3.62	3.38		mg/Kg	☼	89	66 - 120
Pyrene	0.13	J	3.62	3.68		mg/Kg	☼	98	61 - 121

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Fluorobiphenyl	*90*		*38 - 128*
Nitrobenzene-d5 (Surr)	*87*		*31 - 120*
Terphenyl-d14 (Surr)	*101*		*44 - 147*

Lab Sample ID: 460-309850-F-13-B MSD
Client Sample ID: Matrix Spike Duplicate
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 991830
Prep Batch: 991761

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Anthracene	0.033	J	3.61	3.46		mg/Kg	☼	95	67 - 120	3	30
Benzo[a]anthracene	0.072		3.61	3.36		mg/Kg	☼	91	66 - 120	1	30
Benzo[a]pyrene	0.056		3.61	3.62		mg/Kg	☼	99	73 - 123	2	30
Benzo[b]fluoranthene	0.076		3.61	3.55		mg/Kg	☼	96	70 - 125	4	30
Benzo[g,h,i]perylene	0.039	J	3.61	3.94		mg/Kg	☼	108	66 - 120	3	30
Chrysene	0.068	J	3.61	3.35		mg/Kg	☼	91	67 - 120	2	30
Fluorene	0.014	J	3.61	3.28		mg/Kg	☼	91	64 - 120	2	30
Phenanthrene	0.17	J	3.61	3.42		mg/Kg	☼	90	66 - 120	1	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-309850-F-13-B MSD
Client Sample ID: Matrix Spike Duplicate
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 991830
Prep Batch: 991761

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Pyrene	0.13	J	3.61	3.65		mg/Kg	☼	98	61 - 121	1	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2-Fluorobiphenyl	*95*		*38 - 128*
Nitrobenzene-d5 (Surr)	*92*		*31 - 120*
Terphenyl-d14 (Surr)	*101*		*44 - 147*

Lab Sample ID: MB 460-993561/1-A
Client Sample ID: Method Blank
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 993708
Prep Batch: 993561

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	0.010	U	0.33	0.010	mg/Kg		08/30/24 23:30	09/01/24 13:13	1
Benzo[a]anthracene	0.025	U	0.033	0.025	mg/Kg		08/30/24 23:30	09/01/24 13:13	1
Benzo[a]pyrene	0.0088	U	0.033	0.0088	mg/Kg		08/30/24 23:30	09/01/24 13:13	1
Benzo[b]fluoranthene	0.0086	U	0.033	0.0086	mg/Kg		08/30/24 23:30	09/01/24 13:13	1
Benzo[g,h,i]perylene	0.0098	U	0.33	0.0098	mg/Kg		08/30/24 23:30	09/01/24 13:13	1
Chrysene	0.014	U	0.33	0.014	mg/Kg		08/30/24 23:30	09/01/24 13:13	1
Fluorene	0.0097	U	0.33	0.0097	mg/Kg		08/30/24 23:30	09/01/24 13:13	1
Phenanthrene	0.014	U	0.33	0.014	mg/Kg		08/30/24 23:30	09/01/24 13:13	1
Pyrene	0.0082	U	0.33	0.0082	mg/Kg		08/30/24 23:30	09/01/24 13:13	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*98*		*38 - 128*	*08/30/24 23:30*	*09/01/24 13:13*	*1*
Nitrobenzene-d5 (Surr)	*105*		*31 - 120*	*08/30/24 23:30*	*09/01/24 13:13*	*1*
Terphenyl-d14 (Surr)	*101*		*44 - 147*	*08/30/24 23:30*	*09/01/24 13:13*	*1*

Lab Sample ID: LCS 460-993561/2-A
Client Sample ID: Lab Control Sample
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 993708
Prep Batch: 993561

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Anthracene	3.33	3.13		mg/Kg		94	67 - 120
Benzo[a]anthracene	3.33	3.13		mg/Kg		94	66 - 120
Benzo[a]pyrene	3.33	3.53		mg/Kg		106	73 - 123
Benzo[b]fluoranthene	3.33	3.41		mg/Kg		102	70 - 125
Benzo[g,h,i]perylene	3.33	3.44		mg/Kg		103	66 - 120
Chrysene	3.33	3.12		mg/Kg		93	67 - 120
Fluorene	3.33	3.09		mg/Kg		93	64 - 120
Phenanthrene	3.33	3.11		mg/Kg		93	66 - 120
Pyrene	3.33	3.25		mg/Kg		98	61 - 121

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*95*		*38 - 128*
Nitrobenzene-d5 (Surr)	*101*		*31 - 120*
Terphenyl-d14 (Surr)	*95*		*44 - 147*

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-993561/3-A
Matrix: Solid
Analysis Batch: 993708

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 993561

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Anthracene			3.33	3.26		mg/Kg		98	67 - 120	4	30
Benzo[a]anthracene			3.33	3.26		mg/Kg		98	66 - 120	4	30
Benzo[a]pyrene			3.33	3.69		mg/Kg		111	73 - 123	4	30
Benzo[b]fluoranthene			3.33	3.60		mg/Kg		108	70 - 125	5	30
Benzo[g,h,i]perylene			3.33	3.57		mg/Kg		107	66 - 120	4	30
Chrysene			3.33	3.19		mg/Kg		96	67 - 120	2	30
Fluorene			3.33	3.19		mg/Kg		96	64 - 120	3	30
Phenanthrene			3.33	3.21		mg/Kg		96	66 - 120	3	30
Pyrene			3.33	3.38		mg/Kg		101	61 - 121	4	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2-Fluorobiphenyl	*94*		*38 - 128*
Nitrobenzene-d5 (Surr)	*100*		*31 - 120*
Terphenyl-d14 (Surr)	*94*		*44 - 147*

Lab Sample ID: 460-309681-E-1-D MS
Matrix: Solid
Analysis Batch: 993708

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 993561

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Anthracene	0.77		3.44	3.91		mg/Kg	☼	91	67 - 120
Benzo[a]anthracene	0.11		3.44	3.34		mg/Kg	☼	94	66 - 120
Benzo[a]pyrene	0.055		3.44	3.71		mg/Kg	☼	106	73 - 123
Benzo[b]fluoranthene	0.073		3.44	3.70		mg/Kg	☼	105	70 - 125
Benzo[g,h,i]perylene	0.030	J	3.44	3.69		mg/Kg	☼	106	66 - 120
Chrysene	0.13	J	3.44	3.31		mg/Kg	☼	92	67 - 120
Fluorene	2.9		3.44	5.38		mg/Kg	☼	73	64 - 120
Phenanthrene	7.3	F1	3.44	8.87	E F1	mg/Kg	☼	47	66 - 120
Pyrene	1.0		3.44	3.81		mg/Kg	☼	80	61 - 121

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Fluorobiphenyl	*77*		*38 - 128*
Nitrobenzene-d5 (Surr)	*155*	*S1+*	*31 - 120*
Terphenyl-d14 (Surr)	*85*		*44 - 147*

Lab Sample ID: 460-309681-E-1-E MSD
Matrix: Solid
Analysis Batch: 993708

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 993561

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Anthracene	0.77		3.45	3.46		mg/Kg	☼	78	67 - 120	12	30
Benzo[a]anthracene	0.11		3.45	3.24		mg/Kg	☼	91	66 - 120	3	30
Benzo[a]pyrene	0.055		3.45	3.57		mg/Kg	☼	102	73 - 123	4	30
Benzo[b]fluoranthene	0.073		3.45	3.61		mg/Kg	☼	102	70 - 125	3	30
Benzo[g,h,i]perylene	0.030	J	3.45	3.63		mg/Kg	☼	104	66 - 120	2	30
Chrysene	0.13	J	3.45	3.23		mg/Kg	☼	90	67 - 120	3	30
Fluorene	2.9		3.45	5.35		mg/Kg	☼	72	64 - 120	1	30
Phenanthrene	7.3	F1	3.45	8.77	E F1	mg/Kg	☼	44	66 - 120	1	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-309681-E-1-E MSD
Client Sample ID: Matrix Spike Duplicate
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 993708
Prep Batch: 993561

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Pyrene	1.0		3.45	3.71		mg/Kg	☼	77	61 - 121	3	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2-Fluorobiphenyl	*77*		*38 - 128*
Nitrobenzene-d5 (Surr)	*156*	*S1+*	*31 - 120*
Terphenyl-d14 (Surr)	*85*		*44 - 147*

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC)

Lab Sample ID: MB 410-542917/1-A
Client Sample ID: Method Blank
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 543309
Prep Batch: 542917

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	0.00021	U	0.00050	0.00021	mg/Kg		08/21/24 11:19	08/22/24 09:31	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,1,2,2-Tetrachloroethane (Surr)	*119*		*60 - 140*	*08/21/24 11:19*	*08/22/24 09:31*	*1*
1,1,2,2-Tetrachloroethane (Surr)	*113*		*60 - 140*	*08/21/24 11:19*	*08/22/24 09:31*	*1*

Lab Sample ID: LCS 410-542917/2-A
Client Sample ID: Lab Control Sample
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 543309
Prep Batch: 542917

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylene Dibromide	0.00259	0.00246		mg/Kg		95	60 - 140

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,1,2,2-Tetrachloroethane (Surr)	*113*		*60 - 140*
1,1,2,2-Tetrachloroethane (Surr)	*109*		*60 - 140*

Lab Sample ID: LCSD 410-542917/3-A
Client Sample ID: Lab Control Sample Dup
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 543309
Prep Batch: 542917

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ethylene Dibromide	0.00259	0.00248		mg/Kg		96	60 - 140	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,1,2,2-Tetrachloroethane (Surr)	*108*		*60 - 140*
1,1,2,2-Tetrachloroethane (Surr)	*103*		*60 - 140*

Lab Sample ID: MB 410-543677/1-A
Client Sample ID: Method Blank
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 543779
Prep Batch: 543677

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	0.010	U	0.030	0.010	ug/L		08/22/24 23:46	08/23/24 09:08	1

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC) (Continued)

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane (Surr)	101		46 - 136	08/22/24 23:46	08/23/24 09:08	1

Lab Sample ID: LCS 410-543677/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 543779 — **Prep Batch: 543677**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Ethylene Dibromide			0.129	0.101		ug/L		78	60 - 140		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,1,2,2-Tetrachloroethane (Surr)	95		46 - 136

Lab Sample ID: LCSD 410-543677/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 543779 — **Prep Batch: 543677**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ethylene Dibromide			0.129	0.108		ug/L		83	60 - 140	7	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,1,2,2-Tetrachloroethane (Surr)	92		46 - 136

Lab Sample ID: MB 410-547493/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 548652 — **Prep Batch: 547493**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	0.00021	U	0.00050	0.00021	mg/Kg		09/04/24 08:45	09/06/24 14:18	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane (Surr)	115		60 - 140	09/04/24 08:45	09/06/24 14:18	1
1,1,2,2-Tetrachloroethane (Surr)	108		60 - 140	09/04/24 08:45	09/06/24 14:18	1

Lab Sample ID: LCS 410-547493/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 548652 — **Prep Batch: 547493**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Ethylene Dibromide			0.00259	0.00200		mg/Kg		77	60 - 140		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,1,2,2-Tetrachloroethane (Surr)	108		60 - 140
1,1,2,2-Tetrachloroethane (Surr)	105		60 - 140

Lab Sample ID: LCSD 410-547493/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 548652 — **Prep Batch: 547493**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ethylene Dibromide			0.00259	0.00182		mg/Kg		71	60 - 140	9	20

Method: 8011 - EDB, DBCP, and 1,2,3-TCP (GC) (Continued)

Lab Sample ID: LCSD 410-547493/3-A
Matrix: Solid
Analysis Batch: 548652

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 547493

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,1,2,2-Tetrachloroethane (Surr)	97		60 - 140
1,1,2,2-Tetrachloroethane (Surr)	101		60 - 140

Lab Sample ID: 460-309671-3 MS
Matrix: Solid
Analysis Batch: 548652

Client Sample ID: 20240815_UCS_INT-3-7.5-8
Prep Type: Total/NA
Prep Batch: 547493

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylene Dibromide	0.00027	U H F2	0.00325	0.00302		mg/Kg	☼	93	60 - 140

Surrogate	MS %Recovery	MS Qualifier	Limits
1,1,2,2-Tetrachloroethane (Surr)	59	S1-	60 - 140
1,1,2,2-Tetrachloroethane (Surr)	60		60 - 140

Lab Sample ID: 460-309671-3 MSD
Matrix: Solid
Analysis Batch: 548652

Client Sample ID: 20240815_UCS_INT-3-7.5-8
Prep Type: Total/NA
Prep Batch: 547493

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ethylene Dibromide	0.00027	U H F2	0.00332	0.00201	F2	mg/Kg	☼	61	60 - 140	40	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,1,2,2-Tetrachloroethane (Surr)	79		60 - 140
1,1,2,2-Tetrachloroethane (Surr)	82		60 - 140

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 460-991551/1-A
Matrix: Water
Analysis Batch: 991695

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 991551

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.84	U	1.2	0.84	ug/L		08/20/24 22:05	08/21/24 15:13	1

Lab Sample ID: LCS 460-991551/2-A
Matrix: Water
Analysis Batch: 991695

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 991551

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	25.0	24.41		ug/L		98	80 - 120

Lab Sample ID: 620-20141-H-1-C MS
Matrix: Water
Analysis Batch: 991695

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 991551

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	0.84	U	25.0	25.01		ug/L		100	75 - 125

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 620-20141-H-1-B DU
Matrix: Water
Analysis Batch: 991695

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 991551

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Lead	0.84	U	0.84	U	ug/L		NC	20

Lab Sample ID: MB 460-991612/1-A
Matrix: Solid
Analysis Batch: 991695

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 991612

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.20	U	0.60	0.20	mg/Kg		08/21/24 07:27	08/21/24 20:09	1

Lab Sample ID: LCSSRM 460-991612/2-A ^3
Matrix: Solid
Analysis Batch: 991695

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 991612

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Lead	92.8	92.90		mg/Kg		100.1	81.8 - 118.5

Lab Sample ID: 460-309773-C-16-K MS
Matrix: Solid
Analysis Batch: 991695

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 991612

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	3.2		5.06	7.49		mg/Kg	☼	85	75 - 125

Lab Sample ID: 460-309773-C-16-L MSD
Matrix: Solid
Analysis Batch: 991695

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 991612

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lead	3.2		5.06	7.63		mg/Kg	☼	87	75 - 125	2	20

Lab Sample ID: 460-309773-C-16-J DU
Matrix: Solid
Analysis Batch: 991695

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 991612

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Lead	3.2		2.72		mg/Kg	☼	17	20

Lab Sample ID: MB 460-993545/1-A
Matrix: Solid
Analysis Batch: 993630

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 993545

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.20	U	0.60	0.20	mg/Kg		08/30/24 21:10	08/31/24 11:02	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCSSRM 460-993545/2-A ^3
Matrix: Solid
Analysis Batch: 993630

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 993545

Analyte			Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits		
Lead			194	210.5		mg/Kg		108.5	82.0 - 118.6		

Lab Sample ID: 460-310327-F-1-C MS
Matrix: Solid
Analysis Batch: 993630

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 993545

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Lead	30.3		5.48	33.56	4	mg/Kg	☼	60	75 - 125		

Lab Sample ID: 460-310327-F-1-B DU
Matrix: Solid
Analysis Batch: 993630

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 993545

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Lead	30.3			29.01		mg/Kg	☼			4	20

Lab Sample ID: LRC 460-991695/12
Matrix: Water
Analysis Batch: 991695

Client Sample ID: Lab Control Sample

Analyte			Spike Added	LRC Result	LRC Qualifier	Unit	D	%Rec	%Rec Limits		
Lead			20000	19370		ug/L		97	90 - 110		

Lab Sample ID: LRC 460-991949/12
Matrix: Water
Analysis Batch: 991949

Client Sample ID: Lab Control Sample

Analyte			Spike Added	LRC Result	LRC Qualifier	Unit	D	%Rec	%Rec Limits		
Lead			20000	19280		ug/L		96	90 - 110		

Lab Sample ID: LRC 460-993630/12
Matrix: Solid
Analysis Batch: 993630

Client Sample ID: Lab Control Sample

Analyte			Spike Added	LRC Result	LRC Qualifier	Unit	D	%Rec	%Rec Limits		
Lead			20000	19770		ug/L		99	90 - 110		

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

GC/MS Semi VOA

Qualifier	Qualifier Description
E	Result exceeded calibration range.
F1	MS and/or MSD recovery exceeds control limits.
H	Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
F2	MS/MSD RPD exceeds control limits
H	Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.
S1-	Surrogate recovery exceeds control limits, low biased.
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

GC/MS VOA

Prep Batch: 990937

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-309671-1	20240815_UCS_INT-1-7.5-8	Total/NA	Solid	5035	
460-309671-2	20240815_UCS_INT-2-6.5-7	Total/NA	Solid	5035	
460-309671-3	20240815_UCS_INT-3-7.5-8	Total/NA	Solid	5035	
LB3 460-990937/2-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 991380

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB3 460-990937/2-A	Method Blank	Total/NA	Solid	8260D	990937
MB 460-991380/10	Method Blank	Total/NA	Solid	8260D	
LCS 460-991380/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-991380/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 991594

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-309671-4	FB-1-081524	Total/NA	Water	8260D	
MB 460-991594/9	Method Blank	Total/NA	Water	8260D	
LCS 460-991594/4	Lab Control Sample	Total/NA	Water	8260D	
LCSD 460-991594/5	Lab Control Sample Dup	Total/NA	Water	8260D	

Analysis Batch: 992235

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-309671-1	20240815_UCS_INT-1-7.5-8	Total/NA	Solid	8260D	990937
460-309671-2	20240815_UCS_INT-2-6.5-7	Total/NA	Solid	8260D	990937
MB 460-992235/6	Method Blank	Total/NA	Solid	8260D	
LCS 460-992235/2	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-992235/3	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 993062

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-309671-3	20240815_UCS_INT-3-7.5-8	Total/NA	Solid	8260D	990937
MB 460-993062/26	Method Blank	Total/NA	Solid	8260D	
LCS 460-993062/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-993062/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

GC/MS Semi VOA

Prep Batch: 991761

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-309671-1	20240815_UCS_INT-1-7.5-8	Total/NA	Solid	3546	
460-309671-2	20240815_UCS_INT-2-6.5-7	Total/NA	Solid	3546	
MB 460-991761/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-991761/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-991761/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-309850-F-13-A MS	Matrix Spike	Total/NA	Solid	3546	
460-309850-F-13-B MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

Analysis Batch: 991830

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-309671-1	20240815_UCS_INT-1-7.5-8	Total/NA	Solid	8270E	991761
460-309671-2	20240815_UCS_INT-2-6.5-7	Total/NA	Solid	8270E	991761
MB 460-991761/1-A	Method Blank	Total/NA	Solid	8270E	991761

GC/MS Semi VOA (Continued)

Analysis Batch: 991830 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 460-991761/2-A	Lab Control Sample	Total/NA	Solid	8270E	991761
LCSD 460-991761/3-A	Lab Control Sample Dup	Total/NA	Solid	8270E	991761
460-309850-F-13-A MS	Matrix Spike	Total/NA	Solid	8270E	991761
460-309850-F-13-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8270E	991761

Prep Batch: 993561

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-309671-3	20240815_UCS_INT-3-7.5-8	Total/NA	Solid	3546	
MB 460-993561/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-993561/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-993561/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-309681-E-1-D MS	Matrix Spike	Total/NA	Solid	3546	
460-309681-E-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

Analysis Batch: 993708

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-309671-3	20240815_UCS_INT-3-7.5-8	Total/NA	Solid	8270E	993561
MB 460-993561/1-A	Method Blank	Total/NA	Solid	8270E	993561
LCS 460-993561/2-A	Lab Control Sample	Total/NA	Solid	8270E	993561
LCSD 460-993561/3-A	Lab Control Sample Dup	Total/NA	Solid	8270E	993561
460-309681-E-1-D MS	Matrix Spike	Total/NA	Solid	8270E	993561
460-309681-E-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8270E	993561

GC Semi VOA

Prep Batch: 542917

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-309671-1	20240815_UCS_INT-1-7.5-8	Total/NA	Solid	8011	
460-309671-2	20240815_UCS_INT-2-6.5-7	Total/NA	Solid	8011	
MB 410-542917/1-A	Method Blank	Total/NA	Solid	8011	
LCS 410-542917/2-A	Lab Control Sample	Total/NA	Solid	8011	
LCSD 410-542917/3-A	Lab Control Sample Dup	Total/NA	Solid	8011	

Analysis Batch: 543309

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-309671-1	20240815_UCS_INT-1-7.5-8	Total/NA	Solid	8011	542917
460-309671-2	20240815_UCS_INT-2-6.5-7	Total/NA	Solid	8011	542917
MB 410-542917/1-A	Method Blank	Total/NA	Solid	8011	542917
LCS 410-542917/2-A	Lab Control Sample	Total/NA	Solid	8011	542917
LCSD 410-542917/3-A	Lab Control Sample Dup	Total/NA	Solid	8011	542917

Prep Batch: 543677

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-309671-4	FB-1-081524	Total/NA	Water	8011	
MB 410-543677/1-A	Method Blank	Total/NA	Water	8011	
LCS 410-543677/2-A	Lab Control Sample	Total/NA	Water	8011	
LCSD 410-543677/3-A	Lab Control Sample Dup	Total/NA	Water	8011	

Analysis Batch: 543779

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-309671-4	FB-1-081524	Total/NA	Water	8011	543677

GC Semi VOA (Continued)

Analysis Batch: 543779 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 410-543677/1-A	Method Blank	Total/NA	Water	8011	543677
LCS 410-543677/2-A	Lab Control Sample	Total/NA	Water	8011	543677
LCSD 410-543677/3-A	Lab Control Sample Dup	Total/NA	Water	8011	543677

Prep Batch: 547493

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-309671-3	20240815_UCS_INT-3-7.5-8	Total/NA	Solid	8011	
MB 410-547493/1-A	Method Blank	Total/NA	Solid	8011	
LCS 410-547493/2-A	Lab Control Sample	Total/NA	Solid	8011	
LCSD 410-547493/3-A	Lab Control Sample Dup	Total/NA	Solid	8011	
460-309671-3 MS	20240815_UCS_INT-3-7.5-8	Total/NA	Solid	8011	
460-309671-3 MSD	20240815_UCS_INT-3-7.5-8	Total/NA	Solid	8011	

Analysis Batch: 548652

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-309671-3	20240815_UCS_INT-3-7.5-8	Total/NA	Solid	8011	547493
MB 410-547493/1-A	Method Blank	Total/NA	Solid	8011	547493
LCS 410-547493/2-A	Lab Control Sample	Total/NA	Solid	8011	547493
LCSD 410-547493/3-A	Lab Control Sample Dup	Total/NA	Solid	8011	547493
460-309671-3 MS	20240815_UCS_INT-3-7.5-8	Total/NA	Solid	8011	547493
460-309671-3 MSD	20240815_UCS_INT-3-7.5-8	Total/NA	Solid	8011	547493

Metals

Prep Batch: 991551

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-309671-4	FB-1-081524	Total/NA	Water	3010A	
MB 460-991551/1-A	Method Blank	Total/NA	Water	3010A	
LCS 460-991551/2-A	Lab Control Sample	Total/NA	Water	3010A	
620-20141-H-1-C MS	Matrix Spike	Total/NA	Water	3010A	
620-20141-H-1-B DU	Duplicate	Total/NA	Water	3010A	

Prep Batch: 991612

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-309671-1	20240815_UCS_INT-1-7.5-8	Total/NA	Solid	3050B	
460-309671-2	20240815_UCS_INT-2-6.5-7	Total/NA	Solid	3050B	
MB 460-991612/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 460-991612/2-A ^3	Lab Control Sample	Total/NA	Solid	3050B	
460-309773-C-16-K MS	Matrix Spike	Total/NA	Solid	3050B	
460-309773-C-16-L MSD	Matrix Spike Duplicate	Total/NA	Solid	3050B	
460-309773-C-16-J DU	Duplicate	Total/NA	Solid	3050B	

Analysis Batch: 991695

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-309671-1	20240815_UCS_INT-1-7.5-8	Total/NA	Solid	6020B	991612
460-309671-2	20240815_UCS_INT-2-6.5-7	Total/NA	Solid	6020B	991612
MB 460-991551/1-A	Method Blank	Total/NA	Water	6020B	991551
MB 460-991612/1-A	Method Blank	Total/NA	Solid	6020B	991612
LCS 460-991551/2-A	Lab Control Sample	Total/NA	Water	6020B	991551
LCSSRM 460-991612/2-A ^3	Lab Control Sample	Total/NA	Solid	6020B	991612
LRC 460-991695/12	Lab Control Sample		Water	6020B	

Metals (Continued)

Analysis Batch: 991695 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LRC 460-991695/13	Lab Control Sample		Water	6020B	
LRC 460-991695/14	Lab Control Sample		Water	6020B	
460-309773-C-16-K MS	Matrix Spike	Total/NA	Solid	6020B	991612
460-309773-C-16-L MSD	Matrix Spike Duplicate	Total/NA	Solid	6020B	991612
620-20141-H-1-C MS	Matrix Spike	Total/NA	Water	6020B	991551
460-309773-C-16-J DU	Duplicate	Total/NA	Solid	6020B	991612
620-20141-H-1-B DU	Duplicate	Total/NA	Water	6020B	991551

Analysis Batch: 991949

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-309671-4	FB-1-081524	Total/NA	Water	6020B	991551
LRC 460-991949/12	Lab Control Sample		Water	6020B	
LRC 460-991949/13	Lab Control Sample		Water	6020B	
LRC 460-991949/14	Lab Control Sample		Water	6020B	

Prep Batch: 993545

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-309671-3	20240815_UCS_INT-3-7.5-8	Total/NA	Solid	3050B	
MB 460-993545/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 460-993545/2-A ^3	Lab Control Sample	Total/NA	Solid	3050B	
460-310327-F-1-C MS	Matrix Spike	Total/NA	Solid	3050B	
460-310327-F-1-B DU	Duplicate	Total/NA	Solid	3050B	

Analysis Batch: 993630

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-309671-3	20240815_UCS_INT-3-7.5-8	Total/NA	Solid	6020B	993545
MB 460-993545/1-A	Method Blank	Total/NA	Solid	6020B	993545
LCSSRM 460-993545/2-A ^3	Lab Control Sample	Total/NA	Solid	6020B	993545
LRC 460-993630/12	Lab Control Sample		Solid	6020B	
LRC 460-993630/13	Lab Control Sample		Solid	6020B	
LRC 460-993630/14	Lab Control Sample		Solid	6020B	
460-310327-F-1-C MS	Matrix Spike	Total/NA	Solid	6020B	993545
460-310327-F-1-B DU	Duplicate	Total/NA	Solid	6020B	993545

General Chemistry

Analysis Batch: 990941

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-309671-1	20240815_UCS_INT-1-7.5-8	Total/NA	Solid	Moisture	
460-309671-2	20240815_UCS_INT-2-6.5-7	Total/NA	Solid	Moisture	
460-309650-A-1 MS	Matrix Spike	Total/NA	Solid	Moisture	
460-309650-B-1 MSD	Matrix Spike Duplicate	Total/NA	Solid	Moisture	
460-309650-A-6 DU	Duplicate	Total/NA	Solid	Moisture	

Analysis Batch: 993032

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-309671-3	20240815_UCS_INT-3-7.5-8	Total/NA	Solid	Moisture	
460-310255-A-2 MS	Matrix Spike	Total/NA	Solid	Moisture	
460-310255-A-2 MSD	Matrix Spike Duplicate	Total/NA	Solid	Moisture	
460-310255-A-2 MSS	Matrix Spike	Total/NA	Solid	Moisture	
460-310298-A-3 DU	Duplicate	Total/NA	Solid	Moisture	

Client Sample ID: 20240815_UCS_INT-1-7.5-8
Lab Sample ID: 460-309671-1
Date Collected: 08/15/24 09:45
Matrix: Solid
Date Received: 08/16/24 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	990941	CJC	EET EDI	08/16/24 17:34

Client Sample ID: 20240815_UCS_INT-1-7.5-8
Lab Sample ID: 460-309671-1
Date Collected: 08/15/24 09:45
Matrix: Solid
Date Received: 08/16/24 10:10
Percent Solids: 78.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			990937	ERP	EET EDI	08/16/24 17:12
Total/NA	Analysis	8260D		1	992235	AAT	EET EDI	08/24/24 04:35
Total/NA	Prep	3546			991761	GXY	EET EDI	08/21/24 20:34
Total/NA	Analysis	8270E		1	991830	MDJ	EET EDI	08/22/24 15:02
Total/NA	Prep	8011			542917	U7CG	ELLE	08/21/24 11:19
Total/NA	Analysis	8011		10	543309	URS0	ELLE	08/22/24 14:05
Total/NA	Prep	3050B			991612	FBT	EET EDI	08/21/24 07:27
Total/NA	Analysis	6020B		1	991695	CDC	EET EDI	08/21/24 21:17

Client Sample ID: 20240815_UCS_INT-2-6.5-7
Lab Sample ID: 460-309671-2
Date Collected: 08/15/24 09:55
Matrix: Solid
Date Received: 08/16/24 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	990941	CJC	EET EDI	08/16/24 17:34

Client Sample ID: 20240815_UCS_INT-2-6.5-7
Lab Sample ID: 460-309671-2
Date Collected: 08/15/24 09:55
Matrix: Solid
Date Received: 08/16/24 10:10
Percent Solids: 80.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			990937	ERP	EET EDI	08/16/24 17:13
Total/NA	Analysis	8260D		1	992235	AAT	EET EDI	08/24/24 04:59
Total/NA	Prep	3546			991761	GXY	EET EDI	08/21/24 20:34
Total/NA	Analysis	8270E		1	991830	MDJ	EET EDI	08/22/24 15:24
Total/NA	Prep	8011			542917	U7CG	ELLE	08/21/24 11:19
Total/NA	Analysis	8011		10	543309	URS0	ELLE	08/22/24 13:48
Total/NA	Prep	3050B			991612	FBT	EET EDI	08/21/24 07:27
Total/NA	Analysis	6020B		1	991695	CDC	EET EDI	08/21/24 21:19

Client Sample ID: 20240815_UCS_INT-3-7.5-8
Lab Sample ID: 460-309671-3
Date Collected: 08/15/24 10:05
Matrix: Solid
Date Received: 08/16/24 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	993032	CJC	EET EDI	08/28/24 19:14

Client Sample ID: 20240815_UCS_INT-3-7.5-8
Lab Sample ID: 460-309671-3

Date Collected: 08/15/24 10:05
Matrix: Solid
Date Received: 08/16/24 10:10
Percent Solids: 76.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			990937	ERP	EET EDI	08/16/24 17:14
Total/NA	Analysis	8260D		1	993062	KLB	EET EDI	08/28/24 23:44
Total/NA	Prep	3546			993561	ARA	EET EDI	08/31/24 09:08
Total/NA	Analysis	8270E		1	993708	YAH	EET EDI	09/01/24 18:27
Total/NA	Prep	8011			547493	U7CG	ELLE	09/04/24 08:45
Total/NA	Analysis	8011		1	548652	URS0	ELLE	09/06/24 15:44
Total/NA	Prep	3050B			993545	GAE	EET EDI	08/30/24 21:10
Total/NA	Analysis	6020B		1	993630	CDC	EET EDI	08/31/24 11:45

Client Sample ID: FB-1-081524
Lab Sample ID: 460-309671-4

Date Collected: 08/15/24 09:10
Matrix: Water
Date Received: 08/16/24 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	991594	SZD	EET EDI	08/21/24 11:11
Total/NA	Prep	8011			543677	USL7	ELLE	08/22/24 23:46
Total/NA	Analysis	8011		1	543779	URS0	ELLE	08/23/24 12:47
Total/NA	Prep	3010A			991551	GAE	EET EDI	08/20/24 22:05
Total/NA	Analysis	6020B		1	991949	JKF	EET EDI	08/22/24 18:00

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: Langan Engineering and Environmental Services LLC
Job ID: 460-309671-1
Project/Site: Bellwether District Holdings, LLC (BDH)

Laboratory: Eurofins Edison

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Jersey	NELAP	12028	06-30-25

The following analytes are included in this report, but the laboratory is not certified by New Jersey NELAP 12028. This list may include analytes for which the agency does not offer certification:

Analysis Method	Prep Method	Matrix	Analyte
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	0001.01	11-30-24
A2LA	ISO/IEC 17025	0001.01	11-30-24
Alabama	State	43200	01-31-25
Alaska	State	PA00009	06-30-25
Alaska (UST)	State	17-027	02-28-25
Arizona	State	AZ0780	03-12-25
Arkansas DEQ	State	88-00660	08-09-25
California	State	2792	11-30-24
Colorado	State	PA00009	06-30-25
Connecticut	State	PH-0746	06-30-25
DE Haz. Subst. Cleanup Act (HSCA)	State	019-006 (PA cert)	01-31-25
Delaware (DW)	State	N/A	01-31-25
Florida	NELAP	E87997	06-30-25
Georgia (DW)	State	C048	01-31-25
Hawaii	State	N/A	01-31-25
Illinois	NELAP	200027	01-31-25
Iowa	State	361	03-01-26
Kansas	NELAP	E-10151	10-31-24
Kentucky (DW)	State	KY90088	12-31-24
Kentucky (UST)	State	0001.01	11-30-24
Kentucky (WW)	State	KY90088	12-31-24
Louisiana (All)	NELAP	02055	06-30-25
Maine	State	2019012	03-12-25
Maryland	State	100	06-30-25
Massachusetts	State	M-PA009	06-30-25
Michigan	State	9930	01-31-25
Minnesota	NELAP	042-999-487	12-31-24
Mississippi	State	023	01-31-25
Missouri	State	450	01-31-25

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Montana (DW)	State	0098	01-01-25
Nebraska	State	NE-OS-32-17	01-31-25
New Hampshire	NELAP	2730	01-10-25
New Jersey	NELAP	PA011	06-30-25
New York	NELAP	10670	04-01-25
North Carolina (DW)	State	42705	07-31-25
North Carolina (WW/SW)	State	521	12-31-25
North Dakota	State	R-205	01-31-24 *
Oklahoma	NELAP	9804	08-31-24 *
Oregon	NELAP	PA200001	09-11-24
Pennsylvania	NELAP	36-00037	01-31-25
Quebec Ministry of Environment and Fight against Climate Change	PALA	507	09-16-24
Rhode Island	State	LAO00338	12-30-24
South Carolina	State	89002	01-31-25
Tennessee	State	02838	01-31-25
Texas	NELAP	T104704194-23-46	08-31-25
USDA	US Federal Programs	525-22-298-19481	10-25-25
Vermont	State	VT - 36037	10-28-24
Virginia	NELAP	460182	06-14-25
Washington	State	C457	04-11-25
West Virginia (DW)	State	9906 C	01-31-25
West Virginia DEP	State	055	07-31-25
Wyoming	State	8TMS-L	01-31-25
Wyoming (UST)	A2LA	0001.01	11-30-24

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

8260D

Volatile Organic Compounds by GC/MS

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): Rtx-624 ID: 0.25(mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
20240815_UCS_INT-1 -7.5-8	460-309671-1	109	112	102	104
20240815_UCS_INT-2 -6.5-7	460-309671-2	94	95	91	83
20240815_UCS_INT-3 -7.5-8	460-309671-3	119	117	106	112
	MB 460-991380/10	106	93	94	104
	MB 460-992235/6	105	111	102	93
	MB 460-993062/26	116	120	96	93
	LB3 460-990937/2-A	102	93	99	106
	LCS 460-991380/3	94	92	91	101
	LCS 460-992235/2	105	109	100	90
	LCS 460-993062/3	118	120	98	100
	LCSD 460-991380/4	97	94	93	103
	LCSD 460-992235/3	108	113	104	96
	LCSD 460-993062/4	118	116	99	98

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	50-150
DCA = 1,2-Dichloroethane-d4 (Surr)	65-138
TOL = Toluene-d8 (Surr)	71-126
BFB = 4-Bromofluorobenzene	71-128

Column to be used to flag recovery values

FORM II 8260D

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): DB-624 ID: 0.18(mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
FB-1-081524	460-309671-4	100	97	99	102
	MB 460-991594/9	98	97	98	100
	LCS 460-991594/4	99	95	100	101
	LCSD 460-991594/5	98	95	98	100

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	77-132
DCA = 1,2-Dichloroethane-d4 (Surr)	70-128
TOL = Toluene-d8 (Surr)	80-120
BFB = 4-Bromofluorobenzene	76-120

Column to be used to flag recovery values

FORM II 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: K63718.D

Lab ID: LCS 460-991380/3 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
Benzene	0.0200	0.0200	100	75-120	
Ethylbenzene	0.0200	0.0211	105	80-120	
Toluene	0.0200	0.0196	98	80-120	
Xylenes, Total	0.0400	0.0428	107	80-120	
1,2-Dichloroethane	0.0200	0.0205	102	70-123	
MTBE	0.0200	0.0198	99	74-125	
Ethylene Dibromide	0.0200	0.0193	97	79-120	
Naphthalene	0.0200	0.00464	23	75-137	*-
1,2,4-Trimethylbenzene	0.0200	0.0208	104	75-120	
1,3,5-Trimethylbenzene	0.0200	0.0209	105	70-120	
Isopropylbenzene	0.0200	0.0228	114	74-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Matrix: Water Level: Low Lab File ID: TT84242.D

Lab ID: LCS 460-991594/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Benzene	20.0	23.1	115	71-126	
Ethylbenzene	20.0	23.6	118	78-120	
Toluene	20.0	22.9	114	78-120	
Xylenes, Total	40.0	47.7	119	80-120	
1,2-Dichloroethane	20.0	22.9	115	66-129	
MTBE	20.0	23.1	116	72-131	
Ethylene Dibromide	20.0	22.4	112	79-126	
Naphthalene	20.0	23.6	118	57-146	
1,2,4-Trimethylbenzene	20.0	23.6	118	75-125	
1,3,5-Trimethylbenzene	20.0	23.7	119	75-125	
Isopropylbenzene	20.0	23.4	117	79-125	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: D18945.D

Lab ID: LCS 460-992235/2 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
Benzene	0.0200	0.0210	105	75-120	
Ethylbenzene	0.0200	0.0212	106	80-120	
Toluene	0.0200	0.0207	104	80-120	
Xylenes, Total	0.0400	0.0415	104	80-120	
1,2-Dichloroethane	0.0200	0.0218	109	70-123	
MTBE	0.0200	0.0224	112	74-125	
Ethylene Dibromide	0.0200	0.0191	96	79-120	
Naphthalene	0.0200	0.0193	97	75-137	
1,2,4-Trimethylbenzene	0.0200	0.0205	103	75-120	
1,3,5-Trimethylbenzene	0.0200	0.0199	100	70-120	
Isopropylbenzene	0.0200	0.0210	105	74-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: B14237.D

Lab ID: LCS 460-993062/3 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
Benzene	0.0200	0.0178	89	75-120	
Ethylbenzene	0.0200	0.0189	94	80-120	
Toluene	0.0200	0.0183	92	80-120	
Xylenes, Total	0.0400	0.0383	96	80-120	
1,2-Dichloroethane	0.0200	0.0219	109	70-123	
MTBE	0.0200	0.0221	110	74-125	
Ethylene Dibromide	0.0200	0.0207	104	79-120	
Naphthalene	0.0200	0.0177	89	75-137	
1,2,4-Trimethylbenzene	0.0200	0.0181	90	75-120	
1,3,5-Trimethylbenzene	0.0200	0.0183	91	70-120	
Isopropylbenzene	0.0200	0.0192	96	74-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: K63719.D

Lab ID: LCSD 460-991380/4 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCSD CONCENTRATION (mg/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Benzene	0.0200	0.0193	97	4	30	75-120	
Ethylbenzene	0.0200	0.0193	97	8	30	80-120	
Toluene	0.0200	0.0188	94	4	30	80-120	
Xylenes, Total	0.0400	0.0413	103	4	30	80-120	
1,2-Dichloroethane	0.0200	0.0179	90	13	30	70-123	
MTBE	0.0200	0.0200	100	1	30	74-125	
Ethylene Dibromide	0.0200	0.0173	87	11	30	79-120	
Naphthalene	0.0200	0.00497	25	7	30	75-137	*-
1,2,4-Trimethylbenzene	0.0200	0.0190	95	9	30	75-120	
1,3,5-Trimethylbenzene	0.0200	0.0194	97	8	30	70-120	
Isopropylbenzene	0.0200	0.0226	113	1	30	74-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Matrix: Water Level: Low Lab File ID: TT84243.D

Lab ID: LCSD 460-991594/5 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Benzene	20.0	21.6	108	6	30	71-126	
Ethylbenzene	20.0	21.8	109	8	30	78-120	
Toluene	20.0	21.3	107	7	30	78-120	
Xylenes, Total	40.0	45.1	113	6	30	80-120	
1,2-Dichloroethane	20.0	21.5	108	6	30	66-129	
MTBE	20.0	22.2	111	4	30	72-131	
Ethylene Dibromide	20.0	21.4	107	4	30	79-126	
Naphthalene	20.0	22.9	115	3	30	57-146	
1,2,4-Trimethylbenzene	20.0	22.5	112	5	30	75-125	
1,3,5-Trimethylbenzene	20.0	22.2	111	7	30	75-125	
Isopropylbenzene	20.0	21.7	109	7	30	79-125	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: D18946.D

Lab ID: LCSD 460-992235/3 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCSD CONCENTRATION (mg/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Benzene	0.0200	0.0207	103	2	30	75-120	
Ethylbenzene	0.0200	0.0216	108	2	30	80-120	
Toluene	0.0200	0.0212	106	2	30	80-120	
Xylenes, Total	0.0400	0.0408	102	2	30	80-120	
1,2-Dichloroethane	0.0200	0.0222	111	2	30	70-123	
MTBE	0.0200	0.0224	112	0	30	74-125	
Ethylene Dibromide	0.0200	0.0195	98	2	30	79-120	
Naphthalene	0.0200	0.0197	98	2	30	75-137	
1,2,4-Trimethylbenzene	0.0200	0.0211	105	3	30	75-120	
1,3,5-Trimethylbenzene	0.0200	0.0206	103	3	30	70-120	
Isopropylbenzene	0.0200	0.0208	104	1	30	74-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: B14238.D

Lab ID: LCSD 460-993062/4 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCSD CONCENTRATION (mg/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Benzene	0.0200	0.0181	91	2	30	75-120	
Ethylbenzene	0.0200	0.0188	94	0	30	80-120	
Toluene	0.0200	0.0185	92	1	30	80-120	
Xylenes, Total	0.0400	0.0385	96	0	30	80-120	
1,2-Dichloroethane	0.0200	0.0221	110	1	30	70-123	
MTBE	0.0200	0.0219	109	1	30	74-125	
Ethylene Dibromide	0.0200	0.0207	104	0	30	79-120	
Naphthalene	0.0200	0.0175	87	1	30	75-137	
1,2,4-Trimethylbenzene	0.0200	0.0182	91	1	30	75-120	
1,3,5-Trimethylbenzene	0.0200	0.0185	93	1	30	70-120	
Isopropylbenzene	0.0200	0.0195	98	2	30	74-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Lab File ID: B14242.D Lab Sample ID: MB 460-993062/26

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: CVOAMS2 Date Analyzed: 08/28/2024 23:06

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-993062/3	B14237.D	08/28/2024 21:02
	LCSD 460-993062/4	B14238.D	08/28/2024 21:27
20240815_UCS_INT-3-7.5-8	460-309671-3	B14243.D	08/28/2024 23:44

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Lab File ID: D18949.D Lab Sample ID: MB 460-992235/6

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: CVOAMS4 Date Analyzed: 08/23/2024 21:51

GC Column: Rtx-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-992235/2	D18945.D	08/23/2024 20:16
	LCSD 460-992235/3	D18946.D	08/23/2024 20:40
20240815_UCS_INT-1-7.5-8	460-309671-1	D18966.D	08/24/2024 04:35
20240815_UCS_INT-2-6.5-7	460-309671-2	D18967.D	08/24/2024 04:59

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Lab File ID: K63725.D Lab Sample ID: MB 460-991380/10

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: CVOAMS9 Date Analyzed: 08/20/2024 12:25

GC Column: Rtx-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-991380/3	K63718.D	08/20/2024 09:19
	LCSD 460-991380/4	K63719.D	08/20/2024 09:44
	LB3 460-990937/2-A	K63727.D	08/20/2024 13:14

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Lab File ID: TT84247.D Lab Sample ID: MB 460-991594/9

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: CVOAMS17 Date Analyzed: 08/21/2024 08:53

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-991594/4	TT84242.D	08/21/2024 07:15
	LCSD 460-991594/5	TT84243.D	08/21/2024 07:35
FB-1-081524	460-309671-4	TT84254.D	08/21/2024 11:11

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Lab File ID: TT84224.D BFB Injection Date: 08/20/2024

Instrument ID: CVOAMS17 BFB Injection Time: 16:03

Analysis Batch No.: 991479

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	50 - 200% of m/z 174	122.1
96	5 - 9% of m/z 95	6.1
173	Less than 2% of m/z 174	0.8
174	50 - 200% of m/z 95	81.9
175	5 - 9% of m/z 174	7.4
176	95 -105% of m/z 174	99.8
177	5 - 10% of m/z 176	6.5

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD8 460-991479/3	TT84226.D	08/20/2024	18:09
	STD1 460-991479/5	TT84228.D	08/20/2024	18:48
	STD5 460-991479/6	TT84229.D	08/20/2024	19:07
	STD20 460-991479/7	TT84230.D	08/20/2024	19:27
	STD50 460-991479/8	TT84231.D	08/20/2024	19:47
	STD200 460-991479/9	TT84232.D	08/20/2024	20:06
	STD500 460-991479/10	TT84233.D	08/20/2024	20:26
	ICV 460-991479/15	TT84238.D	08/20/2024	22:04

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Lab File ID: B14056.D BFB Injection Date: 08/23/2024

Instrument ID: CVOAMS2 BFB Injection Time: 13:46

Analysis Batch No.: 992189

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	50 - 200% of m/z 174	142.2
96	5 - 9% of m/z 95	7.3
173	Less than 2% of m/z 174	0.0
174	50 - 200% of m/z 95	70.3
175	5 - 9% of m/z 174	8.8
176	95 -105% of m/z 174	96.6
177	5 - 10% of m/z 176	6.9

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD1 460-992189/3	B14058.D	08/23/2024	14:48
	STD5 460-992189/4	B14059.D	08/23/2024	15:13
	STD20 460-992189/5	B14060.D	08/23/2024	15:38
	STD50 460-992189/6	B14061.D	08/23/2024	16:02
	STD200 460-992189/7	B14062.D	08/23/2024	16:27
	STD500 460-992189/8	B14063.D	08/23/2024	16:52
	ICV 460-992189/13	B14068.D	08/23/2024	18:55

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Lab File ID: D18717.D BFB Injection Date: 08/19/2024

Instrument ID: CVOAMS4 BFB Injection Time: 22:32

Analysis Batch No.: 991329

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	50 - 200% of m/z 174	145.9
96	5 - 9% of m/z 95	6.7
173	Less than 2% of m/z 174	0.0
174	50 - 200% of m/z 95	68.5
175	5 - 9% of m/z 174	8.1
176	95 -105% of m/z 174	98.7
177	5 - 10% of m/z 176	6.3

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD20 460-991329/3	D18719.D	08/19/2024	23:44
	STD1 460-991329/6	D18722.D	08/20/2024	1:27
	STD5 460-991329/7	D18723.D	08/20/2024	1:51
	STD50 460-991329/8	D18724.D	08/20/2024	2:14
	STD200 460-991329/9	D18725.D	08/20/2024	2:38
	STD500 460-991329/10	D18726.D	08/20/2024	3:01
	ICV 460-991329/14	D18730.D	08/20/2024	4:36

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Lab File ID: K62750.D BFB Injection Date: 07/26/2024

Instrument ID: CVOAMS9 BFB Injection Time: 23:38

Analysis Batch No.: 987459

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	50 - 200% of m/z 174	121.0
96	5 - 9% of m/z 95	6.0
173	Less than 2% of m/z 174	0.6
174	50 - 200% of m/z 95	82.6
175	5 - 9% of m/z 174	7.7
176	95 -105% of m/z 174	95.6
177	5 - 10% of m/z 176	6.8

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD1 460-987459/3	K62752.D	07/27/2024	0:31
	STD5 460-987459/4	K62753.D	07/27/2024	0:55
	STD20 460-987459/5	K62754.D	07/27/2024	1:20
	STD50 460-987459/6	K62755.D	07/27/2024	1:44
	STD200 460-987459/7	K62756.D	07/27/2024	2:08
	STD500 460-987459/8	K62757.D	07/27/2024	2:33
	ICV 460-987459/14	K62763.D	07/27/2024	5:49

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Sample No.: STD20 460-991479/7 Date Analyzed: 08/20/2024 19:27

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): TT84230.D Heated Purge: (Y/N) N

Calibration ID: 98376

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		12575	2.91	87706	3.92	424272	4.99
UPPER LIMIT		25150	3.41	175412	4.42	848544	5.49
LOWER LIMIT		6288	2.41	43853	3.42	212136	4.49
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-991479/15		11046	2.90	85277	3.92	425173	4.99

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Sample No.: STD20 460-991479/7 Date Analyzed: 08/20/2024 19:27

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): TT84230.D Heated Purge: (Y/N) N

Calibration ID: 98376

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		8603	5.67	290051	8.39	152106	11.01
UPPER LIMIT		17206	6.17	580102	8.89	304212	11.51
LOWER LIMIT		4302	5.17	145026	7.89	76053	10.51
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-991479/15		7505	5.66	297840	8.39	153028	11.01

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Sample No.: CCVIS 460-991594/3 Date Analyzed: 08/21/2024 06:56

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): TT84241.D Heated Purge: (Y/N) N

Calibration ID: 98376

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		11071	2.91	74939	3.92	400238	4.99
UPPER LIMIT		22142	3.41	149878	4.42	800476	5.49
LOWER LIMIT		5536	2.41	37470	3.42	200119	4.49
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-991594/4		10413	2.91	66957	3.92	361112	4.99
LCSD 460-991594/5		10573	2.91	69916	3.92	378983	4.99
MB 460-991594/9		10202	2.92	64901	3.92	350311	4.99
460-309671-4	FB-1-081524	9055	2.91	60481	3.92	354491	4.98

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Sample No.: CCVIS 460-991594/3 Date Analyzed: 08/21/2024 06:56

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): TT84241.D Heated Purge: (Y/N) N

Calibration ID: 98376

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		10039	5.66	277226	8.39	142750	11.01
UPPER LIMIT		20078	6.16	554452	8.89	285500	11.51
LOWER LIMIT		5020	5.16	138613	7.89	71375	10.51
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-991594/4		8014	5.67	250503	8.39	129751	11.01
LCSD 460-991594/5		7923	5.67	265825	8.39	135475	11.01
MB 460-991594/9		8073	5.67	243523	8.39	124040	11.01
460-309671-4	FB-1-081524	7105	5.66	246091	8.39	126705	11.01

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Sample No.: STD20 460-992189/5 Date Analyzed: 08/23/2024 15:38

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): B14060.D Heated Purge: (Y/N) Y

Calibration ID: 98389

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		419662	2.26	405705	3.14	640464	4.25
UPPER LIMIT		839324	2.76	811410	3.64	1280928	4.75
LOWER LIMIT		209831	1.76	202853	2.64	320232	3.75
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-992189/13		424613	2.25	399559	3.15	660078	4.26

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Sample No.: STD20 460-992189/5 Date Analyzed: 08/23/2024 15:38

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): B14060.D Heated Purge: (Y/N) Y

Calibration ID: 98389

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		27121	5.00	422457	7.78	229500	9.75
UPPER LIMIT		54242	5.50	844914	8.28	459000	10.25
LOWER LIMIT		13561	4.50	211229	7.28	114750	9.25
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-992189/13		27008	5.00	452190	7.78	243168	9.75

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Sample No.: CCVIS 460-993062/1 Date Analyzed: 08/28/2024 20:12

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): B14235.D Heated Purge: (Y/N) Y

Calibration ID: 98389

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		496675	2.26	433672	3.15	537849	4.26
UPPER LIMIT		993350	2.76	867344	3.65	1075698	4.76
LOWER LIMIT		248338	1.76	216836	2.65	268925	3.76
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-993062/3		396742	2.26	384137	3.15	537082	4.26
LCSD 460-993062/4		362387	2.26	355211	3.15	527803	4.26
MB 460-993062/26		493773	2.26	447202	3.15	506140	4.26
460-309671-3	20240815_UCS_INT-3-7.5-8	333633	2.26	334361	3.15	492074	4.26

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Sample No.: CCVIS 460-993062/1 Date Analyzed: 08/28/2024 20:12

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): B14235.D Heated Purge: (Y/N) Y

Calibration ID: 98389

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		31921	5.02	424210	7.79	240179	9.76
UPPER LIMIT		63842	5.52	848420	8.29	480358	10.26
LOWER LIMIT		15961	4.52	212105	7.29	120090	9.26
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-993062/3		24444	5.01	428081	7.79	239939	9.76
LCSD 460-993062/4		23272	5.01	415407	7.79	234789	9.76
MB 460-993062/26		30493	5.01	393858	7.79	219827	9.76
460-309671-3	20240815_UCS_INT-3-7.5-8	18153	5.01	357088	7.79	166277	9.76

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Sample No.: STD20 460-991329/3 Date Analyzed: 08/19/2024 23:44

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): D18719.D Heated Purge: (Y/N) Y

Calibration ID: 98361

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		469887	3.39	436924	4.68	775926	6.01
UPPER LIMIT		939774	3.89	873848	5.18	1551852	6.51
LOWER LIMIT		234944	2.89	218462	4.18	387963	5.51
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-991329/14		432532	3.38	402218	4.67	695129	6.01

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Sample No.: STD20 460-991329/3 Date Analyzed: 08/19/2024 23:44

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): D18719.D Heated Purge: (Y/N) Y

Calibration ID: 98361

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		42298	6.87	533754	9.20	273388	11.03
UPPER LIMIT		84596	7.37	1067508	9.70	546776	11.53
LOWER LIMIT		21149	6.37	266877	8.70	136694	10.53
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-991329/14		38476	6.87	481831	9.20	246260	11.03

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Sample No.: CCVIS 460-992235/1 Date Analyzed: 08/23/2024 19:53

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): D18944.D Heated Purge: (Y/N) Y

Calibration ID: 98361

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		372035	3.36	358745	4.65	616146	5.98
UPPER LIMIT		744070	3.86	717490	5.15	1232292	6.48
LOWER LIMIT		186018	2.86	179373	4.15	308073	5.48
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-992235/2		393485	3.36	367539	4.65	618539	5.98
LCSD 460-992235/3		400068	3.36	380749	4.65	627579	5.98
MB 460-992235/6		376493	3.36	353501	4.65	576281	5.98
460-309671-1	20240815_UCS_INT-1-7.5-8	311023	3.36	298858	4.64	544374	5.98
460-309671-2	20240815_UCS_INT-2-6.5-7	264377	3.36	263713	4.64	535973	5.98

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Sample No.: CCVIS 460-992235/1 Date Analyzed: 08/23/2024 19:53

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): D18944.D Heated Purge: (Y/N) Y

Calibration ID: 98361

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		35534	6.84	446307	9.18	228913	11.01
UPPER LIMIT		71068	7.34	892614	9.68	457826	11.51
LOWER LIMIT		17767	6.34	223154	8.68	114457	10.51
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-992235/2		36568	6.84	451600	9.18	237811	11.01
LCSD 460-992235/3		36262	6.84	457167	9.18	233512	11.01
MB 460-992235/6		31983	6.84	408227	9.18	207636	11.01
460-309671-1	20240815_UCS_INT-1-7.5-8	26466	6.84	384560	9.18	180221	11.01
460-309671-2	20240815_UCS_INT-2-6.5-7	22589	6.84	376532	9.18	195296	11.01

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Sample No.: STD20 460-987459/5 Date Analyzed: 07/27/2024 01:20

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): K62754.D Heated Purge: (Y/N) Y

Calibration ID: 98235

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		86075	2.10	268719	2.83	744259	3.77
UPPER LIMIT		172150	2.60	537438	3.33	1488518	4.27
LOWER LIMIT		43038	1.60	134360	2.33	372130	3.27
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-987459/14		103681	2.10	280298	2.83	705659	3.77

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Sample No.: STD20 460-987459/5 Date Analyzed: 07/27/2024 01:20

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): K62754.D Heated Purge: (Y/N) Y

Calibration ID: 98235

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		31503	4.41	484115	7.21	249456	10.67
UPPER LIMIT		63006	4.91	968230	7.71	498912	11.17
LOWER LIMIT		15752	3.91	242058	6.71	124728	10.17
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-987459/14		37302	4.41	463224	7.21	234186	10.67

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Sample No.: CCVIS 460-991380/2 Date Analyzed: 08/20/2024 08:52

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): K63717.D Heated Purge: (Y/N) Y

Calibration ID: 98235

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		71116	2.10	231031	2.82	683163	3.77
UPPER LIMIT		142232	2.60	462062	3.32	1366326	4.27
LOWER LIMIT		35558	1.60	115516	2.32	341582	3.27
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-991380/3		74298	2.08	232234	2.83	718037	3.77
LCSD 460-991380/4		84374	2.11	235593	2.82	666303	3.77
MB 460-991380/10		65913	2.10	173697	2.82	566500	3.76
LB3 460-990937/2-A		59998	2.09	159815	2.82	566416	3.76

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Sample No.: CCVIS 460-991380/2 Date Analyzed: 08/20/2024 08:52

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): K63717.D Heated Purge: (Y/N) Y

Calibration ID: 98235

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		22223	4.40	458060	7.21	252520	10.67
UPPER LIMIT		44446	4.90	916120	7.71	505040	11.17
LOWER LIMIT		11112	3.90	229030	6.71	126260	10.17
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-991380/3		19762	4.39	476680	7.21	263755	10.67
LCSD 460-991380/4		22422	4.39	440317	7.21	260071	10.67
MB 460-991380/10		19367	4.40	384160	7.20	205113	10.67
LB3 460-990937/2-A		16755	4.39	368316	7.21	198052	10.67

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-309671-1

SDG No.:

Client Sample ID: 20240815_UCS_INT-1-7.5-8 | Lab Sample ID: 460-309671-1

Matrix: Solid | Lab File ID: D18966.D

Analysis Method: 8260D | Date Collected: 08/15/2024 09:45

Sample wt/vol: 5.27(g) | Date Analyzed: 08/24/2024 04:35

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 22.0 % Solids: 78.0 | Level: (low/med) Low

Analysis Batch No.: 992235 | Units: mg/Kg

Preparation Batch No.: 990937 | Instrument ID: VOAMS4

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	0.00031	U	0.0012	0.00031
100-41-4	Ethylbenzene	0.00024	U	0.0012	0.00024
108-88-3	Toluene	0.00028	U	0.0012	0.00028
1330-20-7	Xylenes, Total	0.00021	U	0.0024	0.00021
107-06-2	1,2-Dichloroethane	0.00036	U	0.0012	0.00036
1634-04-4	MTBE	0.00062	U	0.0012	0.00062
106-93-4	Ethylene Dibromide	0.00022	U	0.0012	0.00022
91-20-3	Naphthalene	0.00050	U	0.0018	0.00050
95-63-6	1,2,4-Trimethylbenzene	0.00030	U	0.0012	0.00030
108-67-8	1,3,5-Trimethylbenzene	0.00038	U	0.0012	0.00038
98-82-8	Isopropylbenzene	0.00035	U	0.0012	0.00035

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	112		65-138
460-00-4	4-Bromofluorobenzene	104		71-128
1868-53-7	Dibromofluoromethane (Surr)	109		50-150
2037-26-5	Toluene-d8 (Surr)	102		71-126

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20240823-179985.b\D18966.D
Lims ID: 460-309671-B-1-A
Client ID: 20240815_UCS_INT-1-7.5-8
Sample Type: Client
Inject. Date: 24-Aug-2024 04:35:30 ALS Bottle#: 23 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-309671-B-1-A
Misc. Info.: 460-0179985-023
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20240823-179985.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 25-Aug-2024 12:23:59 Calib Date: 20-Aug-2024 03:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20240819-179789.b\D18726.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1634

First Level Reviewer: N1JZ Date: 24-Aug-2024 09:55:08

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	3.362	3.362	0.000	0	311023	1000.0	
* 41 2-Butanone-d5	46	4.644	4.651	-0.007	42	298858	250.0	
$ 53 Dibromofluoromethane (Surr)	113	5.217	5.224	-0.007	94	134400	54.4	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.640	5.647	-0.007	96	148104	56.0	
* 63 Fluorobenzene	96	5.976	5.983	-0.007	98	544374	50.0	
* 69 1,4-Dioxane-d8	96	6.836	6.843	-0.007	0	26466	1000.0	
$ 80 Toluene-d8 (Surr)	98	7.817	7.817	0.000	99	489708	51.2	
* 91 Chlorobenzene-d5	117	9.178	9.178	0.000	88	384560	50.0	
$ 102 4-Bromofluorobenzene	174	10.145	10.145	0.000	0	123121	51.8	
* 118 1,4-Dichlorobenzene-d4	152	11.005	11.012	-0.007	98	180221	50.0	

Reagents:

8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00249 Amount Added: 1.00 Units: uL Run Reagent

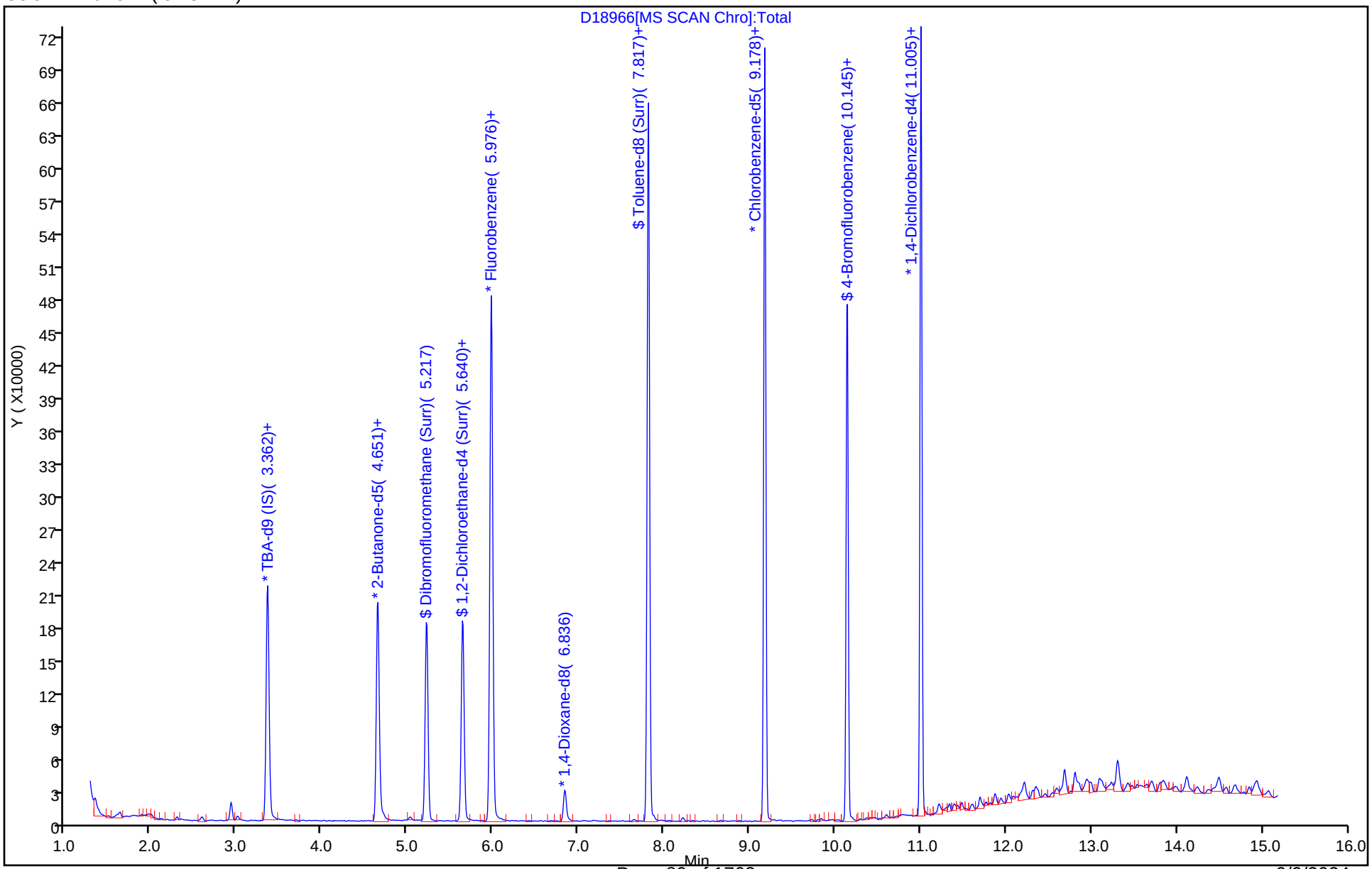
Report Date: 25-Aug-2024 12:25:43 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20240823-179985.b\D18966.D

Injection Date:	24-Aug-2024 04:35:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	460-309671-B-1-A	Lab Sample ID:	460-309671-1	Worklist Smp#:	23
Client ID:	20240815_UCS_INT-1-7.5-8				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	23
Method:	8260S_4	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



9/9/2024
1:05:41 PM

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-309671-1

SDG No.:

Client Sample ID: 20240815_UCS_INT-2-6.5-7 | Lab Sample ID: 460-309671-2

Matrix: Solid | Lab File ID: D18967.D

Analysis Method: 8260D | Date Collected: 08/15/2024 09:55

Sample wt/vol: 4.21(g) | Date Analyzed: 08/24/2024 04:59

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 19.3 % Solids: 80.7 | Level: (low/med) Low

Analysis Batch No.: 992235 | Units: mg/Kg

Preparation Batch No.: 990937 | Instrument ID: VOAMS4

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	0.0018		0.0015	0.00038
100-41-4	Ethylbenzene	0.00029	U	0.0015	0.00029
108-88-3	Toluene	0.00034	U	0.0015	0.00034
1330-20-7	Xylenes, Total	0.00026	U	0.0029	0.00026
107-06-2	1,2-Dichloroethane	0.00044	U	0.0015	0.00044
1634-04-4	MTBE	0.00075	U	0.0015	0.00075
106-93-4	Ethylene Dibromide	0.00026	U	0.0015	0.00026
91-20-3	Naphthalene	0.00060	U	0.0022	0.00060
95-63-6	1,2,4-Trimethylbenzene	0.00036	U	0.0015	0.00036
108-67-8	1,3,5-Trimethylbenzene	0.00046	U	0.0015	0.00046
98-82-8	Isopropylbenzene	0.00042	U	0.0015	0.00042

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		65-138
460-00-4	4-Bromofluorobenzene	83		71-128
1868-53-7	Dibromofluoromethane (Surr)	94		50-150
2037-26-5	Toluene-d8 (Surr)	91		71-126

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20240823-179985.b\D18967.D
Lims ID: 460-309671-B-2-A
Client ID: 20240815_UCS_INT-2-6.5-7
Sample Type: Client
Inject. Date: 24-Aug-2024 04:59:30 ALS Bottle#: 24 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-309671-B-2-A
Misc. Info.: 460-0179985-024
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20240823-179985.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 25-Aug-2024 12:23:59 Calib Date: 20-Aug-2024 03:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20240819-179789.b\D18726.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1634

First Level Reviewer: N1JZ Date: 24-Aug-2024 09:55:20

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	3.362	3.362	0.000	0	264377	1000.0	
* 41 2-Butanone-d5	46	4.644	4.651	-0.007	36	263713	250.0	
$ 53 Dibromofluoromethane (Surr)	113	5.217	5.224	-0.007	94	114734	47.2	
57 Benzene	78	5.611	5.618	-0.007	96	13176	1.20	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.640	5.647	-0.007	96	123123	47.3	
* 63 Fluorobenzene	96	5.976	5.983	-0.007	98	535973	50.0	
* 69 1,4-Dioxane-d8	96	6.836	6.843	-0.007	0	22589	1000.0	
$ 80 Toluene-d8 (Surr)	98	7.817	7.817	0.000	98	425763	45.4	
* 91 Chlorobenzene-d5	117	9.178	9.178	0.000	89	376532	50.0	
$ 102 4-Bromofluorobenzene	174	10.145	10.145	0.000	0	107512	41.7	
* 118 1,4-Dichlorobenzene-d4	152	11.005	11.012	-0.007	98	195296	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00249 Amount Added: 1.00 Units: uL Run Reagent

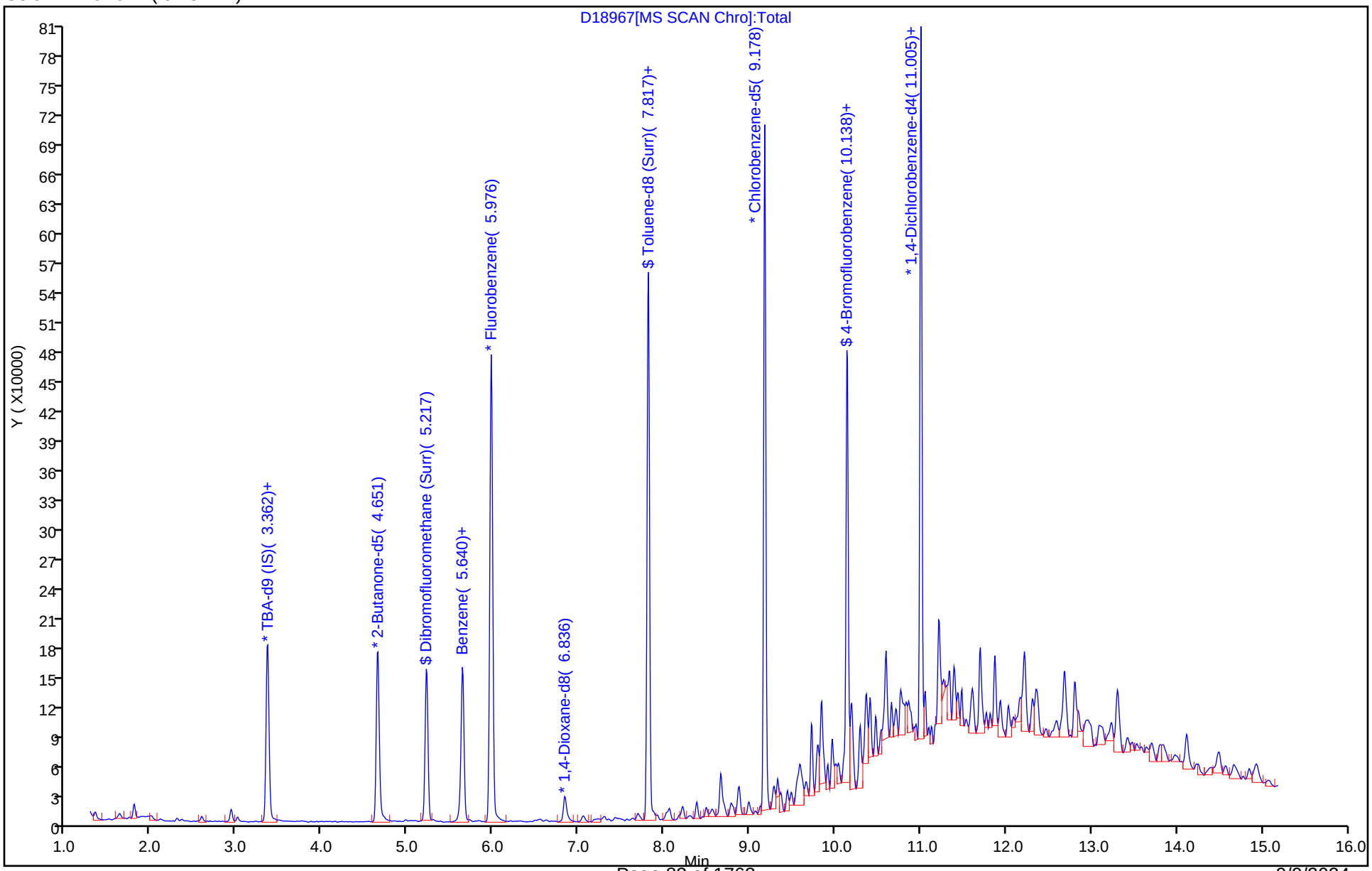
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Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20240823-179985.b\D18967.D

Injection Date:	24-Aug-2024 04:59:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	460-309671-B-2-A	Lab Sample ID:	460-309671-2	Worklist Smp#:	24
Client ID:	20240815_UCS_INT-2-6.5-7				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	24
Method:	8260S_4	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



9/9/2024
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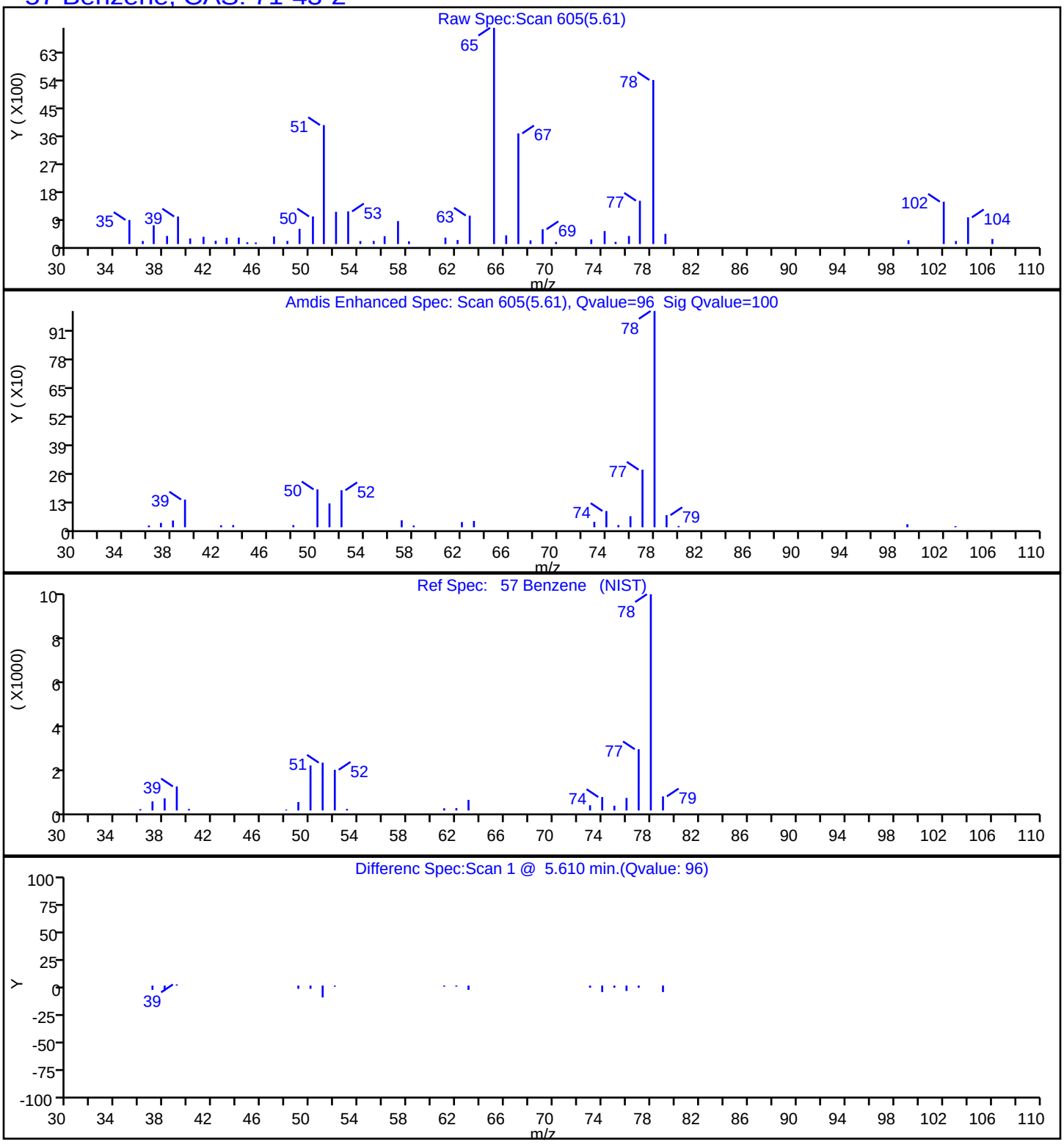
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Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20240823-179985.b\D18967.D

Injection Date:	24-Aug-2024 04:59:30	Instrument ID:	CVOAMS4		
Lims ID:	460-309671-B-2-A	Lab Sample ID:	460-309671-2		
Client ID:	20240815_UCS_INT-2-6.5-7				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

57 Benzene, CAS: 71-43-2



9/9/2024
1:05:41 PM

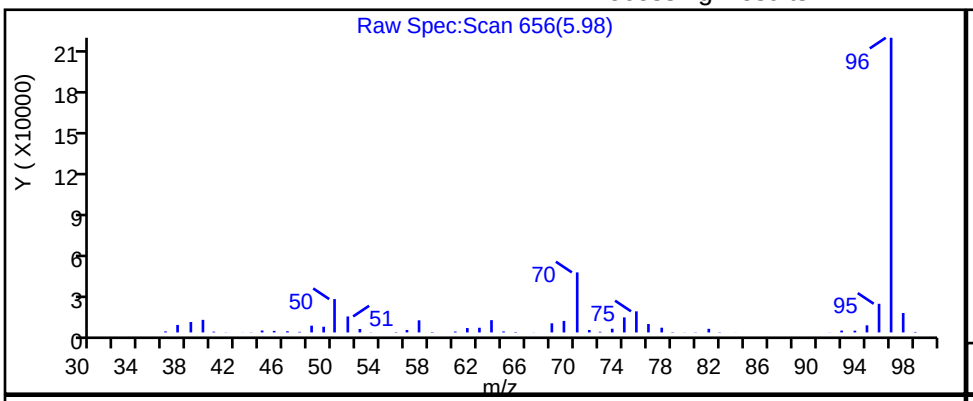
User Disabled Compound Report

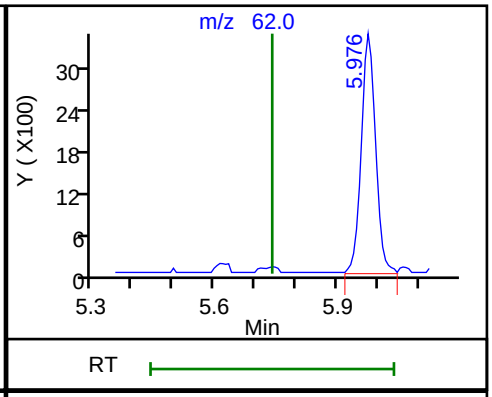
Eurofins Edison

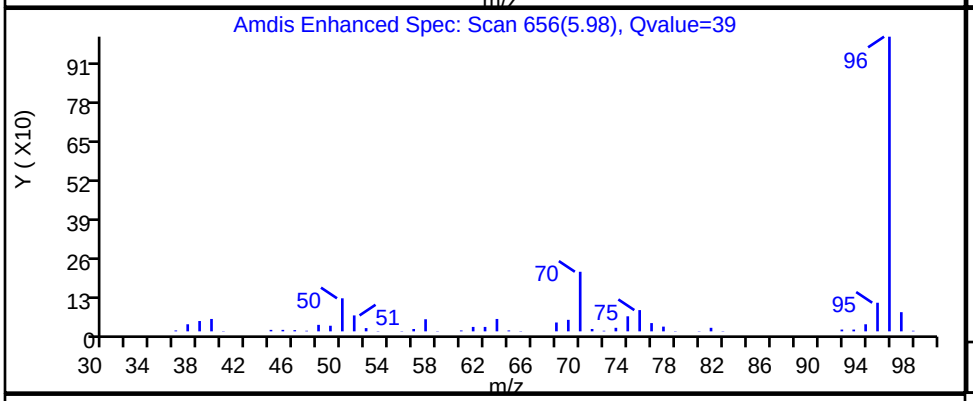
Data File:	\\chromfs\Edison\ChromData\CVOAMS4\20240823-179985.b\D18967.D				
Injection Date:	24-Aug-2024 04:59:30	Instrument ID:	CVOAMS4		
Lims ID:	460-309671-B-2-A	Lab Sample ID:	460-309671-2		
Client ID:	20240815_UCS_INT-2-6.5-7				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

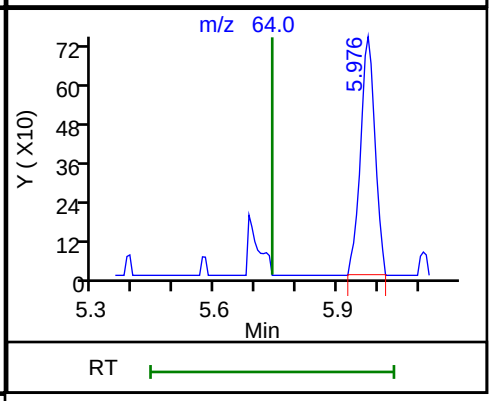
61 1,2-Dichloroethane, CAS: 107-06-2

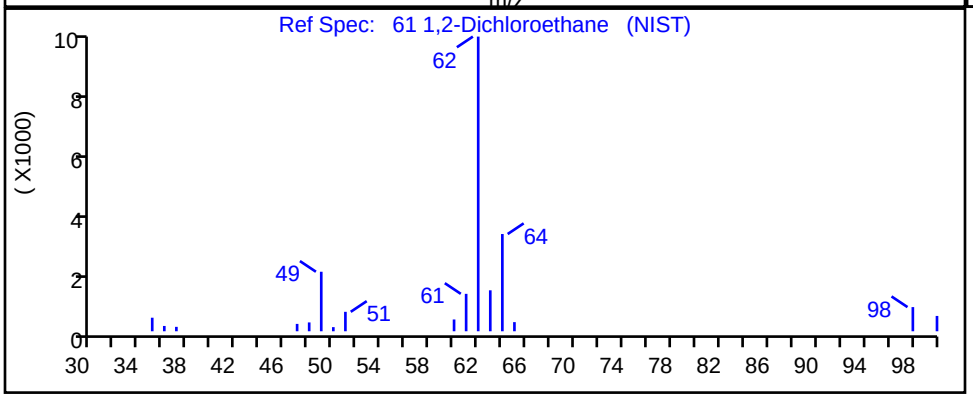
Processing Results











RT	Mass	Response	Amount
5.98	62.00	8504	2.506618
5.98	64.00	1858	

Reviewer: N1JZ, 24-Aug-2024 09:55:15 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-309671-1

SDG No.:

Client Sample ID: 20240815_UCS_INT-3-7.5-8 | Lab Sample ID: 460-309671-3

Matrix: Solid | Lab File ID: B14243.D

Analysis Method: 8260D | Date Collected: 08/15/2024 10:05

Sample wt/vol: 4.35(g) | Date Analyzed: 08/28/2024 23:44

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 23.6 % Solids: 76.4 | Level: (low/med) Low

Analysis Batch No.: 993062 | Units: mg/Kg

Preparation Batch No.: 990937 | Instrument ID: VOAMS2

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	0.0030		0.0015	0.00039
100-41-4	Ethylbenzene	0.00030	U	0.0015	0.00030
108-88-3	Toluene	0.00035	U	0.0015	0.00035
1330-20-7	Xylenes, Total	0.00086	J	0.0030	0.00026
107-06-2	1,2-Dichloroethane	0.00045	U	0.0015	0.00045
1634-04-4	MTBE	0.00077	U	0.0015	0.00077
106-93-4	Ethylene Dibromide	0.00027	U	0.0015	0.00027
91-20-3	Naphthalene	0.00062	U	0.0023	0.00062
95-63-6	1,2,4-Trimethylbenzene	0.0015		0.0015	0.00037
108-67-8	1,3,5-Trimethylbenzene	0.00057	J	0.0015	0.00047
98-82-8	Isopropylbenzene	0.0016		0.0015	0.00043

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	117		65-138
460-00-4	4-Bromofluorobenzene	112		71-128
1868-53-7	Dibromofluoromethane (Surr)	119		50-150
2037-26-5	Toluene-d8 (Surr)	106		71-126

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20240828-180187.b\B14243.D
Lims ID: 460-309671-B-3-A
Client ID: 20240815_UCS_INT-3-7.5-8
Sample Type: Client
Inject. Date: 28-Aug-2024 23:44:30 ALS Bottle#: 9 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-309671-B-3-A
Misc. Info.: 460-0180187-008
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20240828-180187.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 29-Aug-2024 10:52:51 Calib Date: 23-Aug-2024 16:52:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20240823-179979.b\B14063.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1681

First Level Reviewer: C1JX Date: 29-Aug-2024 00:04:50

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	65	2.258	2.258	0.000	0	333633	1000.0	
* 38 2-Butanone-d5	46	3.148	3.154	-0.006	0	334361	250.0	
$ 49 Dibromofluoromethane (Surr)	113	3.605	3.611	-0.006	96	149985	59.5	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	3.916	3.916	0.000	0	175290	58.3	
55 Benzene	78	3.971	3.971	0.000	97	19890	2.02	
* 61 Fluorobenzene	96	4.257	4.263	-0.006	98	492074	50.0	
* 69 1,4-Dioxane-d8	96	5.013	5.019	-0.006	0	18153	1000.0	
$ 79 Toluene-d8 (Surr)	98	6.092	6.092	0.000	99	553594	53.0	
* 90 Chlorobenzene-d5	117	7.787	7.787	0.000	88	357088	50.0	
94 m-Xylene & p-Xylene	106	8.067	8.068	-0.001	0	2213	0.5711	
100 Isopropylbenzene	105	8.750	8.750	0.000	91	10220	1.06	
$ 101 4-Bromofluorobenzene	174	8.860	8.860	0.000	91	141046	55.9	
110 1,3,5-Trimethylbenzene	105	9.232	9.232	0.000	40	2994	0.3818	a
113 1,2,4-Trimethylbenzene	105	9.512	9.512	0.000	91	8264	0.99	
* 116 1,4-Dichlorobenzene-d4	152	9.756	9.756	0.000	96	166277	50.0	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00249 Amount Added: 1.00 Units: uL Run Reagent

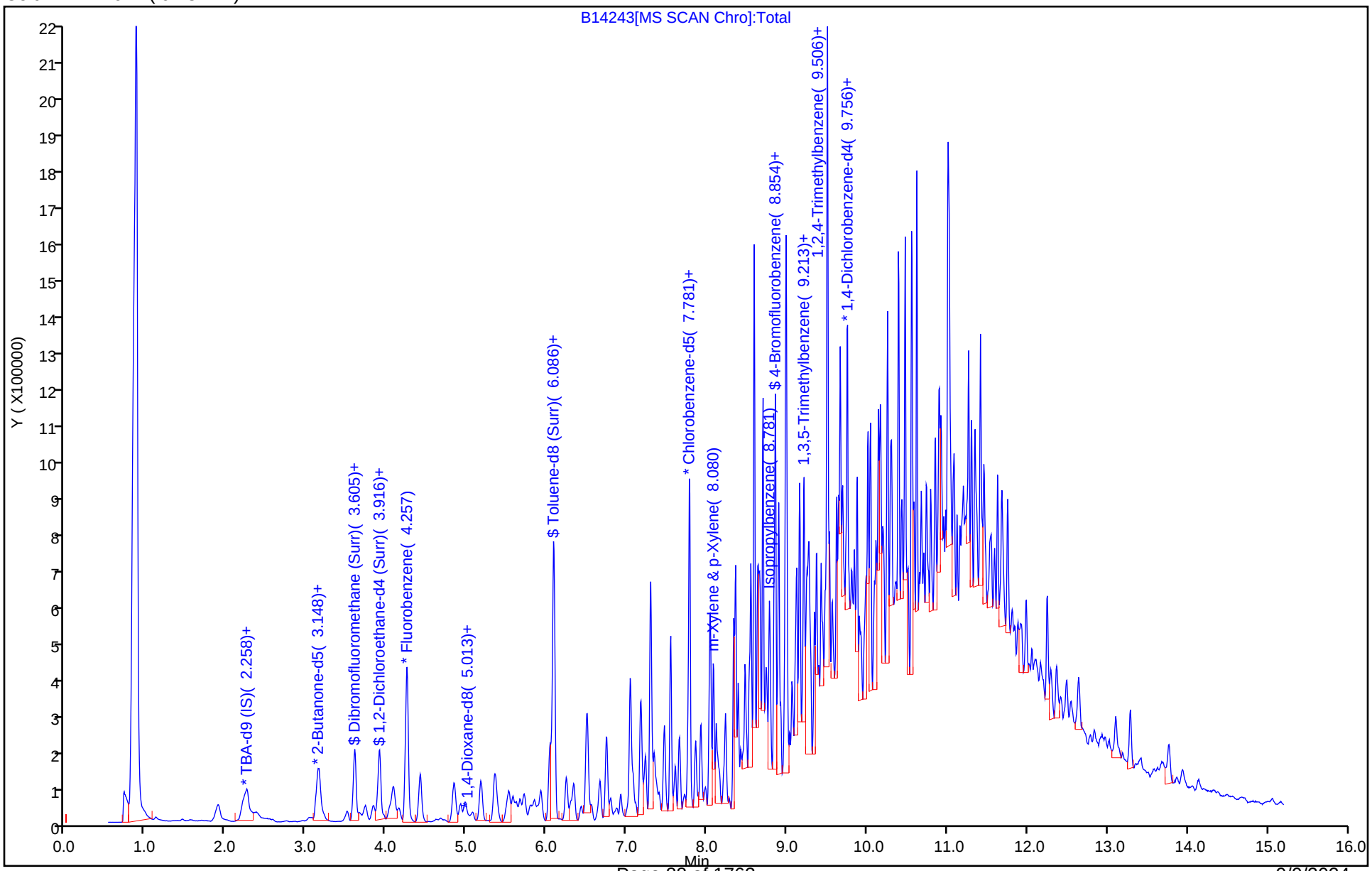
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Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20240828-180187.b\B14243.D

Injection Date:	28-Aug-2024 23:44:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	460-309671-B-3-A	Lab Sample ID:	460-309671-3	Worklist Smp#:	8
Client ID:	20240815_UCS_INT-3-7.5-8				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



9/9/2024
1:05:41 PM

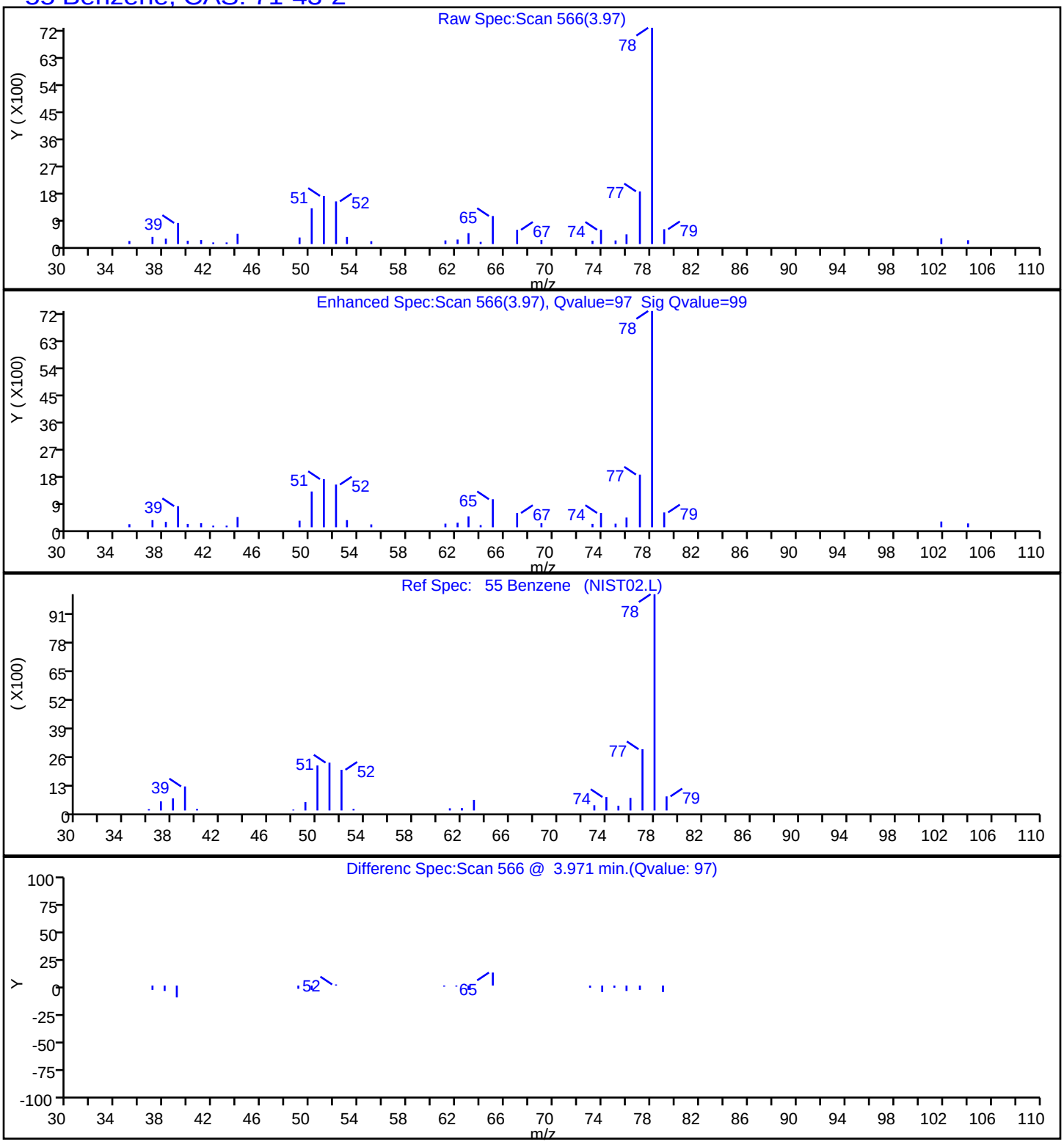
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Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20240828-180187.b\B14243.D

Injection Date:	28-Aug-2024 23:44:30	Instrument ID:	CVOAMS2		
Lims ID:	460-309671-B-3-A	Lab Sample ID:	460-309671-3		
Client ID:	20240815_UCS_INT-3-7.5-8				
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	8
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

55 Benzene, CAS: 71-43-2

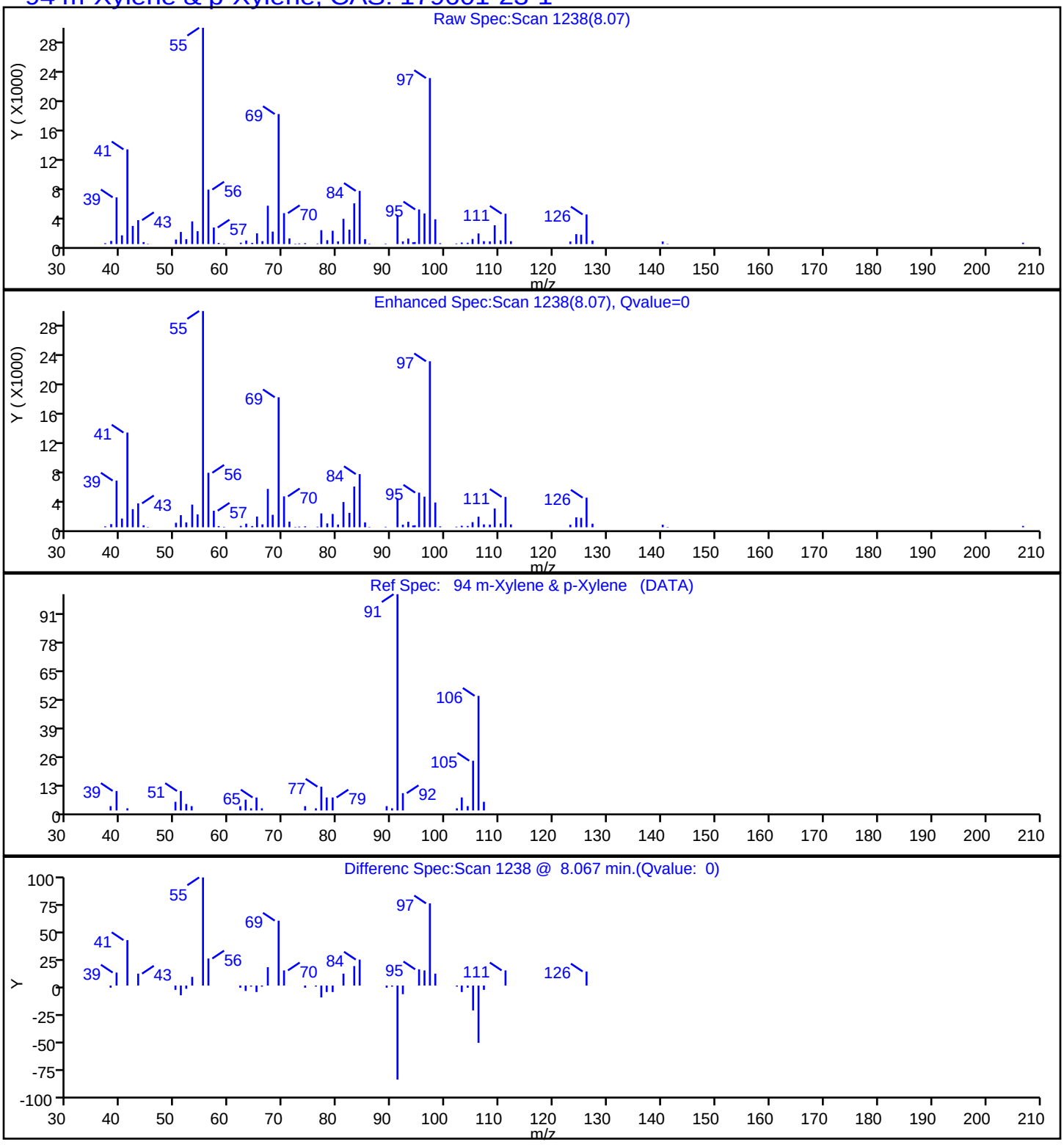


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Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20240828-180187.b\B14243.D				
Injection Date:	28-Aug-2024 23:44:30	Instrument ID:	CVOAMS2		
Lims ID:	460-309671-B-3-A	Lab Sample ID:	460-309671-3		
Client ID:	20240815_UCS_INT-3-7.5-8				
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	8
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

94 m-Xylene & p-Xylene, CAS: 179601-23-1



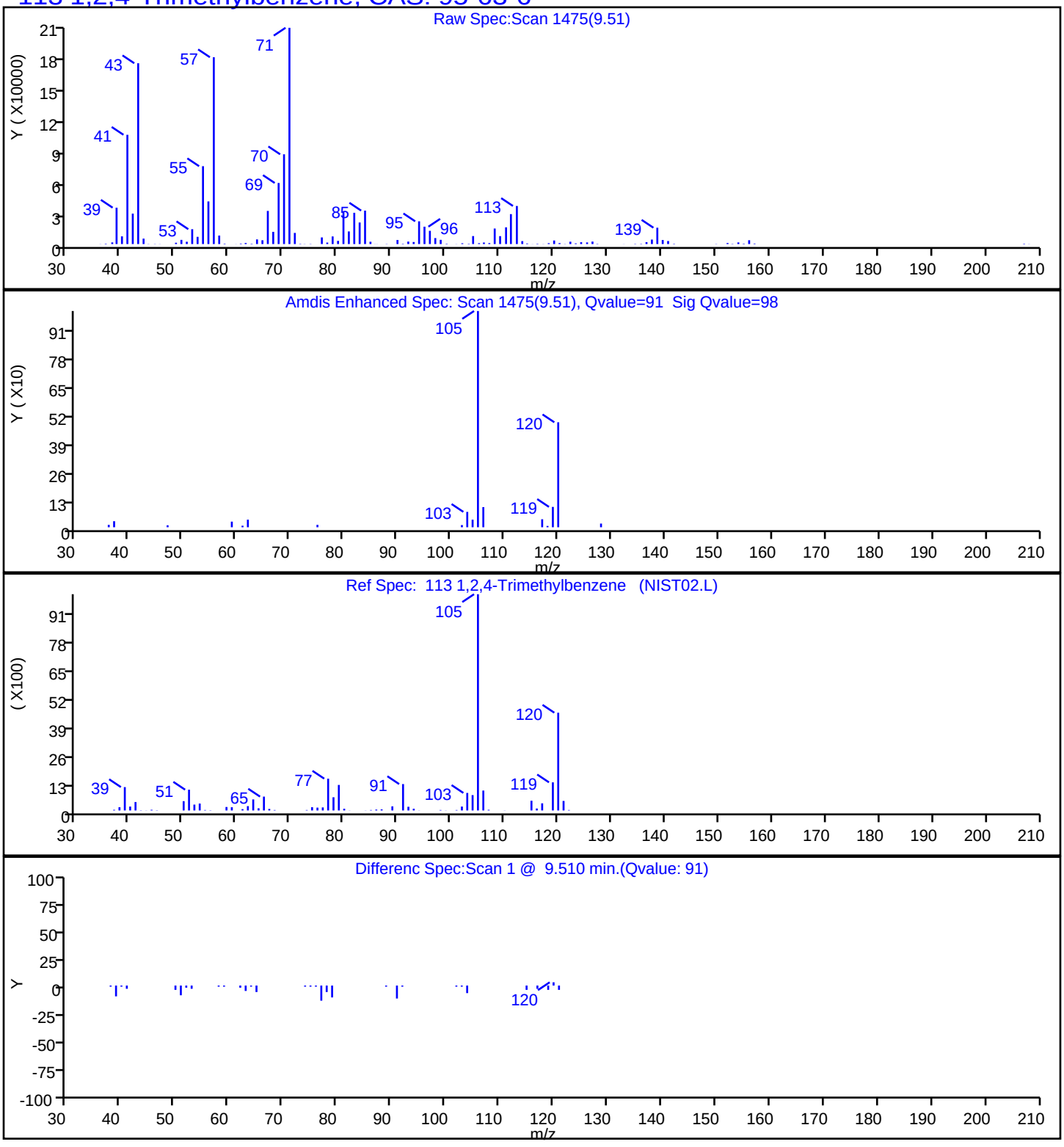
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Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20240828-180187.b\B14243.D

Injection Date:	28-Aug-2024 23:44:30	Instrument ID:	CVOAMS2		
Lims ID:	460-309671-B-3-A	Lab Sample ID:	460-309671-3		
Client ID:	20240815_UCS_INT-3-7.5-8				
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	8
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

113 1,2,4-Trimethylbenzene, CAS: 95-63-6

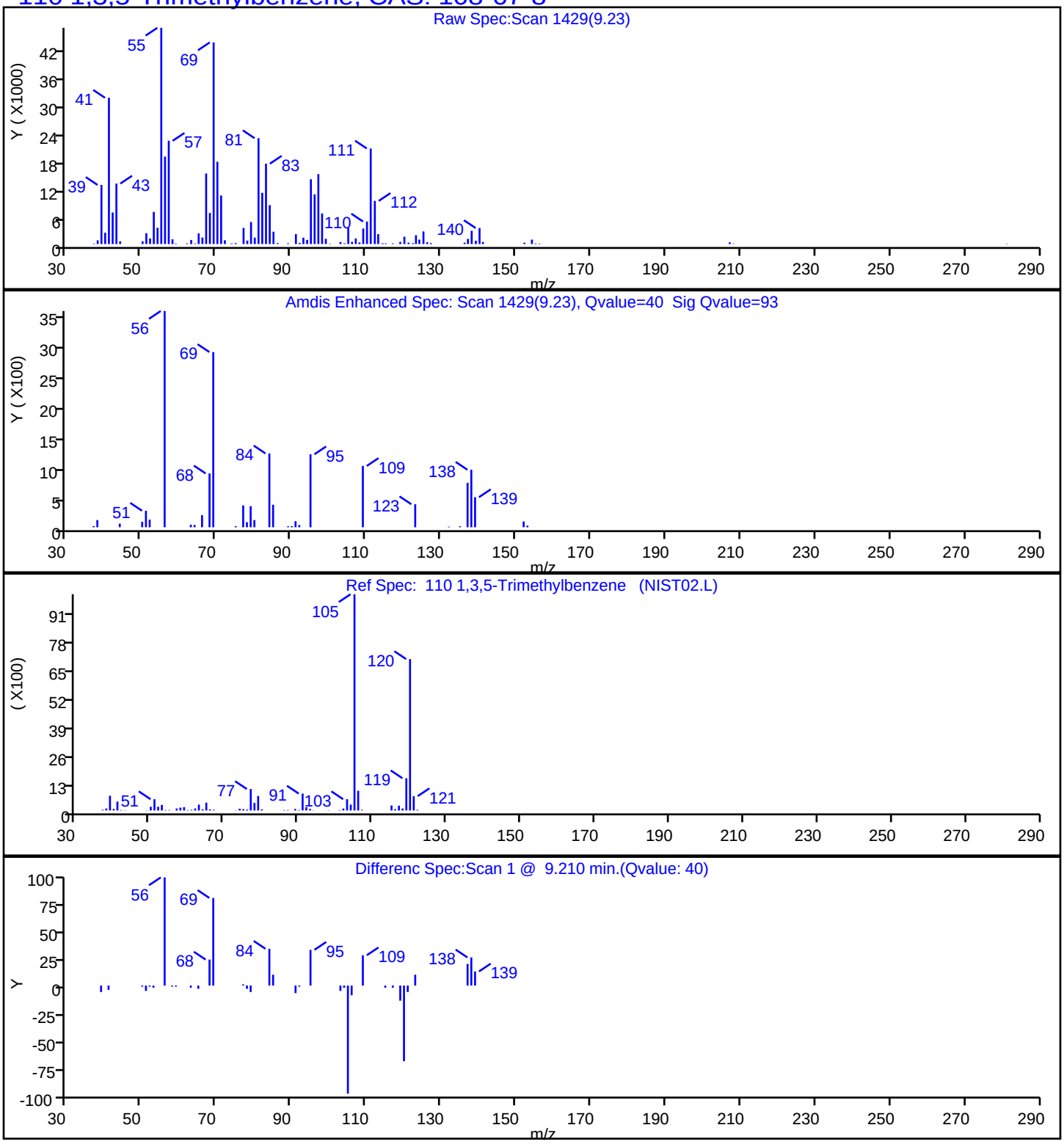


9/9/2024
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Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20240828-180187.b\B14243.D
Injection Date: 28-Aug-2024 23:44:30 Instrument ID: CVOAMS2
Lims ID: 460-309671-B-3-A Lab Sample ID: 460-309671-3
Client ID: 20240815_UCS_INT-3-7.5-8
Operator ID: ALS Bottle#: 9 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

110 1,3,5-Trimethylbenzene, CAS: 108-67-8



Report Date: 29-Aug-2024 10:52:51 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20240828-180187.b\B14243.D

Injection Date: 28-Aug-2024 23:44:30 Instrument ID: CVOAMS2

Lims ID: 460-309671-B-3-A Lab Sample ID: 460-309671-3

Client ID: 20240815_UCS_INT-3-7.5-8

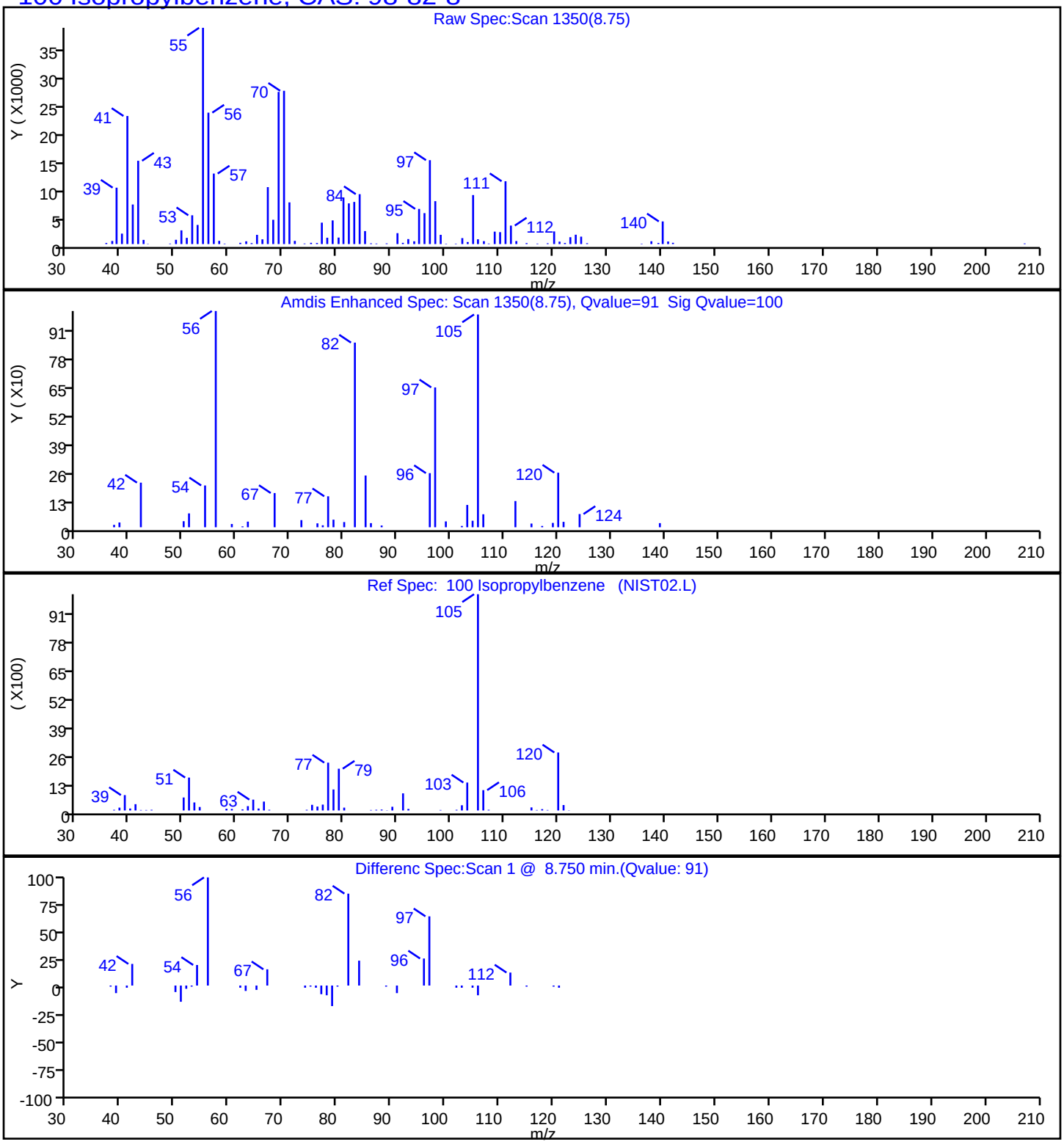
Operator ID: ALS Bottle#: 9 Worklist Smp#: 8

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm) Detector MS SCAN

100 Isopropylbenzene, CAS: 98-82-8



Manual Integration/User Assign Peak Report

Eurofins Edison

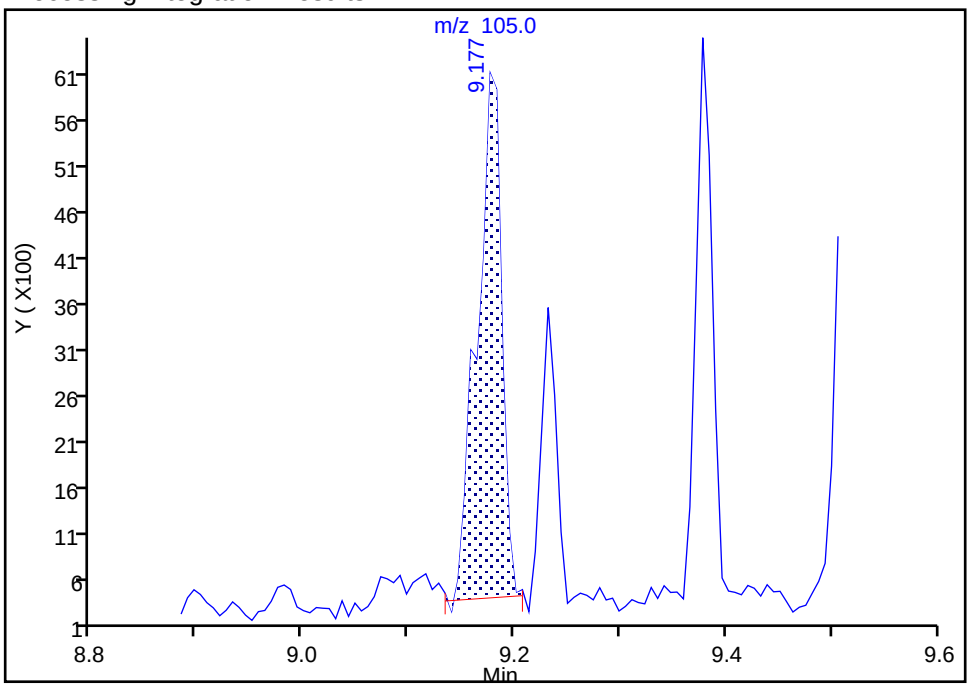
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Injection Date:	28-Aug-2024 23:44:30	Instrument ID:	CVOAMS2		
Lims ID:	460-309671-B-3-A	Lab Sample ID:	460-309671-3		
Client ID:	20240815_UCS_INT-3-7.5-8				
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	8
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

110 1,3,5-Trimethylbenzene, CAS: 108-67-8

Signal: 1

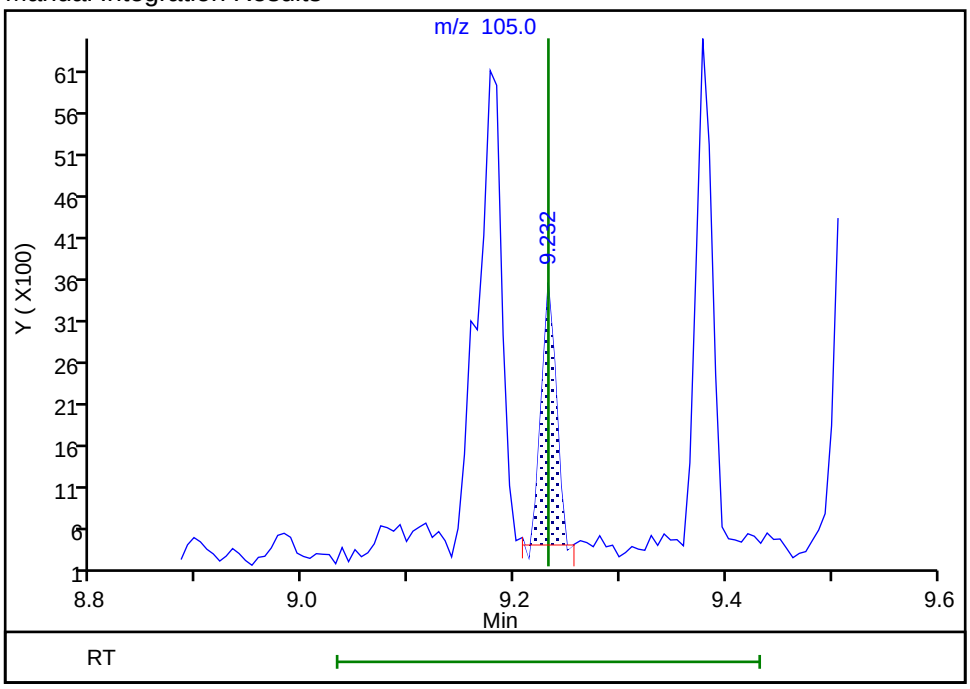
Processing Integration Results

RT: 9.18
Area: 9042
Amount: 1.153114
Amount Units: ug/l



Manual Integration Results

RT: 9.23
Area: 2994
Amount: 0.381821
Amount Units: ug/l



Reviewer: C1JX, 29-Aug-2024 00:04:33 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Edison

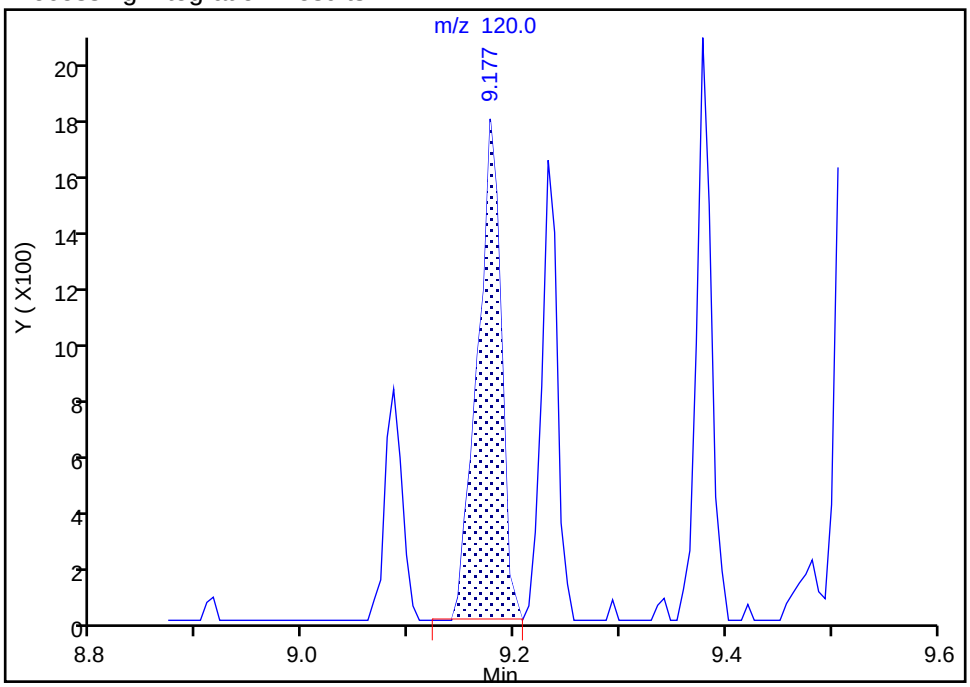
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Injection Date:	28-Aug-2024 23:44:30	Instrument ID:	CVOAMS2		
Lims ID:	460-309671-B-3-A	Lab Sample ID:	460-309671-3		
Client ID:	20240815_UCS_INT-3-7.5-8				
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	8
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

110 1,3,5-Trimethylbenzene, CAS: 108-67-8

Signal: 2

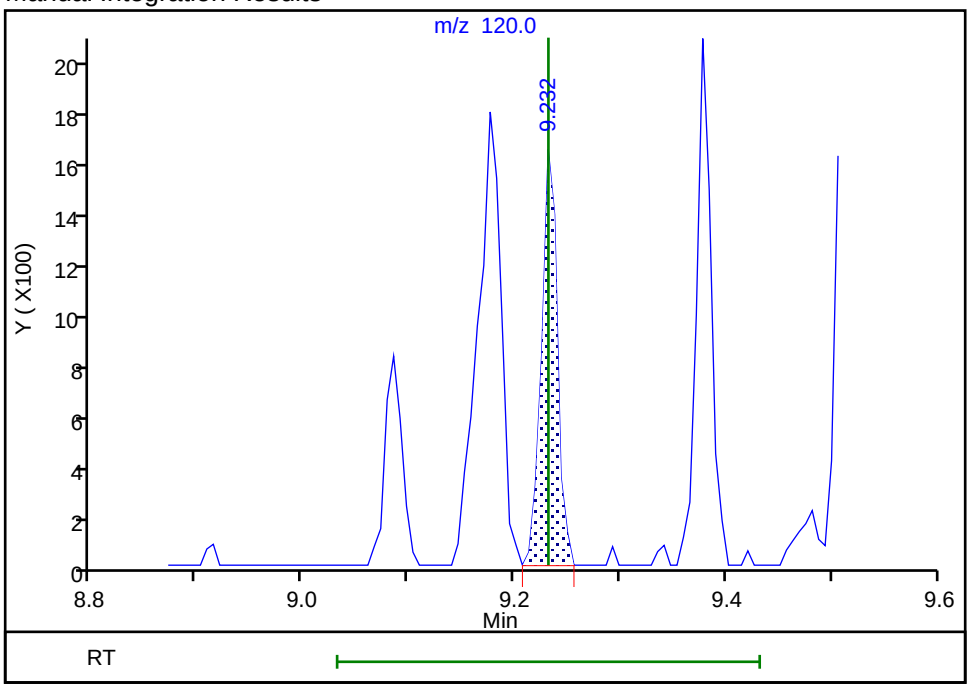
Processing Integration Results

RT: 9.18
Area: 2691
Amount: 1.153114
Amount Units: ug/l



Manual Integration Results

RT: 9.23
Area: 1669
Amount: 0.381821
Amount Units: ug/l



Reviewer: C1JX, 29-Aug-2024 00:04:33 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Edison

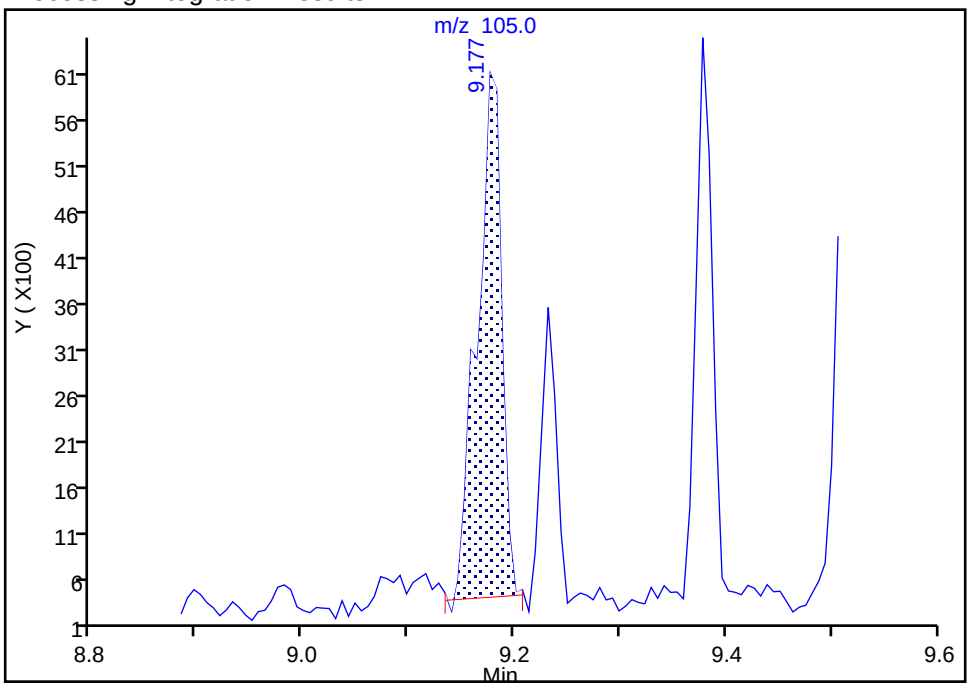
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Injection Date:	28-Aug-2024 23:44:30	Instrument ID:	CVOAMS2		
Lims ID:	460-309671-B-3-A	Lab Sample ID:	460-309671-3		
Client ID:	20240815_UCS_INT-3-7.5-8				
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	8
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		
Column:	DB-624 (0.18 mm)	Detector	MS SCAN		

110 1,3,5-Trimethylbenzene, CAS: 108-67-8

Signal: 1

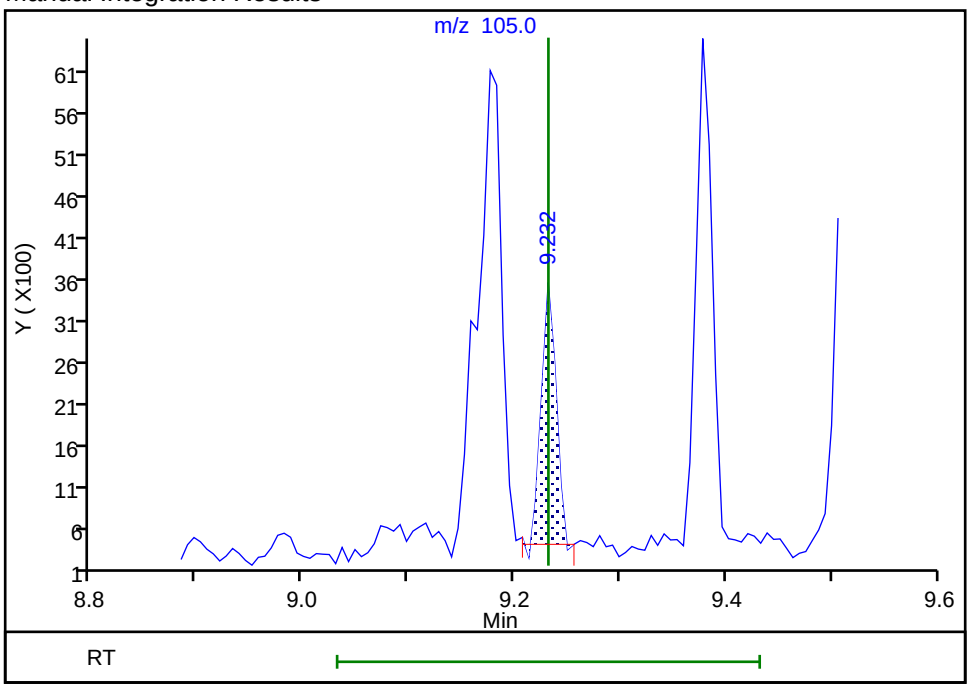
Processing Integration Results

RT: 9.18
Area: 9042
Amount: 1.153114
Amount Units: ug/l



Manual Integration Results

RT: 9.23
Area: 2994
Amount: 0.381821
Amount Units: ug/l



Reviewer: NN6A, 29-Aug-2024 10:52:44 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-309671-1

SDG No.:

Client Sample ID: FB-1-081524 | Lab Sample ID: 460-309671-4

Matrix: Water | Lab File ID: TT84254.D

Analysis Method: 8260D | Date Collected: 08/15/2024 09:10

Sample wt/vol: 5(mL) | Date Analyzed: 08/21/2024 11:11

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 991594 | Units: ug/L

Preparation Batch No.: | Instrument ID: VOAMS

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
71-43-2	Benzene	0.20	U	1.0	0.20
108-88-3	Toluene	0.38	U	1.0	0.38
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65
1634-04-4	MTBE	0.22	U	1.0	0.22
106-93-4	Ethylene Dibromide	0.50	U	1.0	0.50
91-20-3	Naphthalene	0.88	U	1.0	0.88
95-63-6	1,2,4-Trimethylbenzene	0.37	U	1.0	0.37
108-67-8	1,3,5-Trimethylbenzene	0.33	U	1.0	0.33
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		70-128
2037-26-5	Toluene-d8 (Surr)	99		80-120
460-00-4	4-Bromofluorobenzene	102		76-120
1868-53-7	Dibromofluoromethane (Surr)	100		77-132

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240821-179848.b\TT84254.D
Lims ID: 460-309671-A-4
Client ID: FB-1-081524
Sample Type: Client
Inject. Date: 21-Aug-2024 11:11:30 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-309671-A-4
Misc. Info.: 460-0179848-016
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240821-179848.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-Aug-2024 11:12:47 Calib Date: 20-Aug-2024 20:26:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240820-179823.b\TT84233.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1626

First Level Reviewer: XE5L Date: 22-Aug-2024 11:12:47

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.905	2.905	0.000	0	9055	1000.0	
* 42 2-Butanone-d5	46	3.917	3.923	-0.006	0	60481	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.381	4.387	-0.005	98	78027	50.1	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.716	4.722	-0.006	0	67703	48.7	
* 66 Fluorobenzene	96	4.984	4.990	-0.006	99	354491	50.0	
* 72 1,4-Dioxane-d8	96	5.661	5.661	0.000	0	7105	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.624	6.630	-0.006	100	334483	49.7	
* 94 Chlorobenzene-d5	117	8.386	8.386	0.000	86	246091	50.0	
$ 105 4-Bromofluorobenzene	174	9.855	9.861	-0.006	93	101392	51.2	
* 121 1,4-Dichlorobenzene-d4	152	11.013	11.013	0.000	96	126705	50.0	

QC Flag Legend
Processing Flags

Reagents:
VOA6IS/SURR_00075 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 22-Aug-2024 11:12:47 Chrom Revision: 2.3 16-Jul-2024 14:17:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240821-179848.b\TT84254.D

Injection Date: 21-Aug-2024 11:11:30 Instrument ID: CVOAMS17

Lims ID: 460-309671-A-4 Lab Sample ID: 460-309671-4

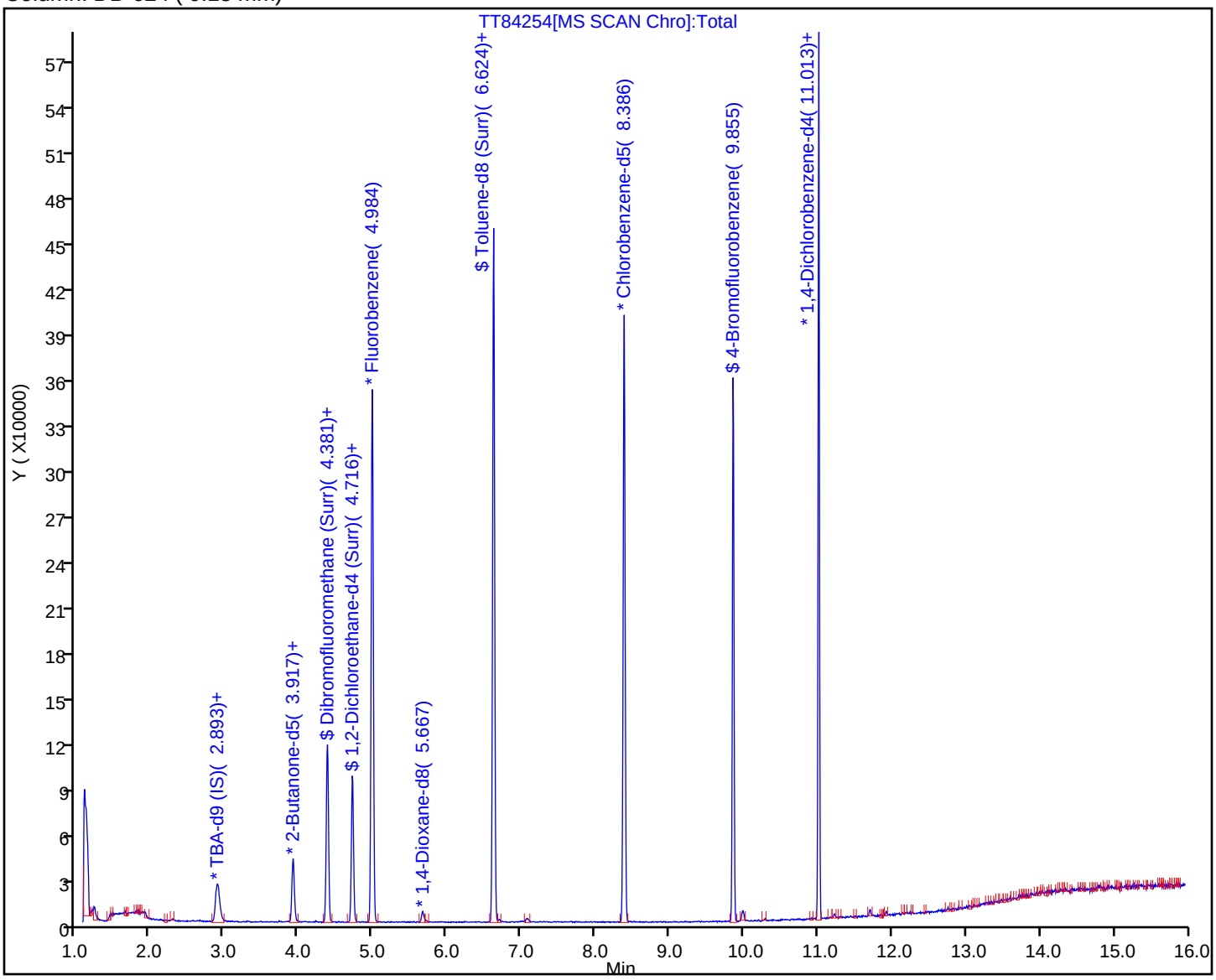
Client ID: FB-1-081524

Operator ID: ALS Bottle#: 15 Worklist Smp#: 16

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



9/9/2024
1:05:41 PM

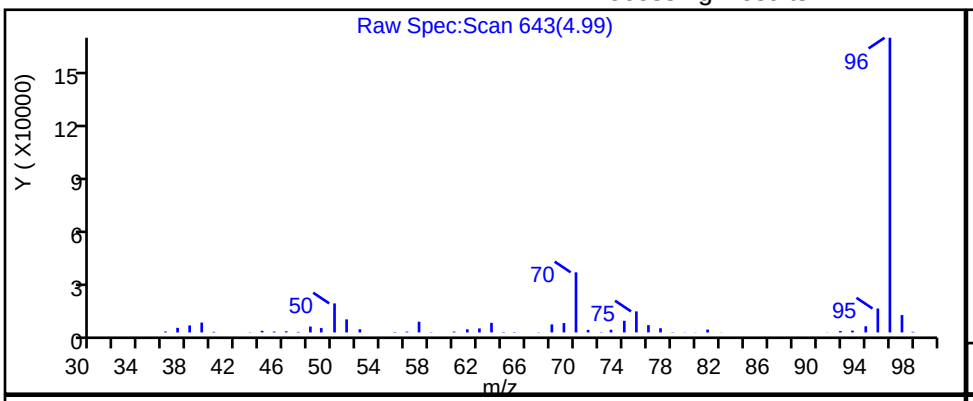
User Disabled Compound Report

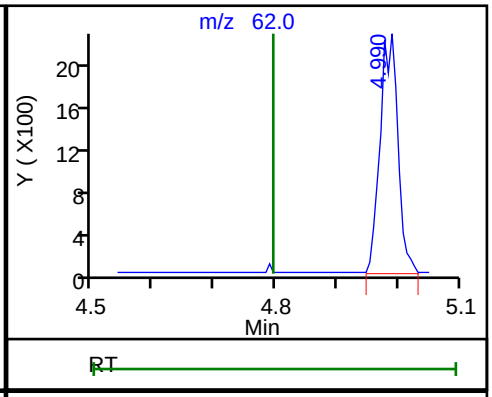
Eurofins Edison

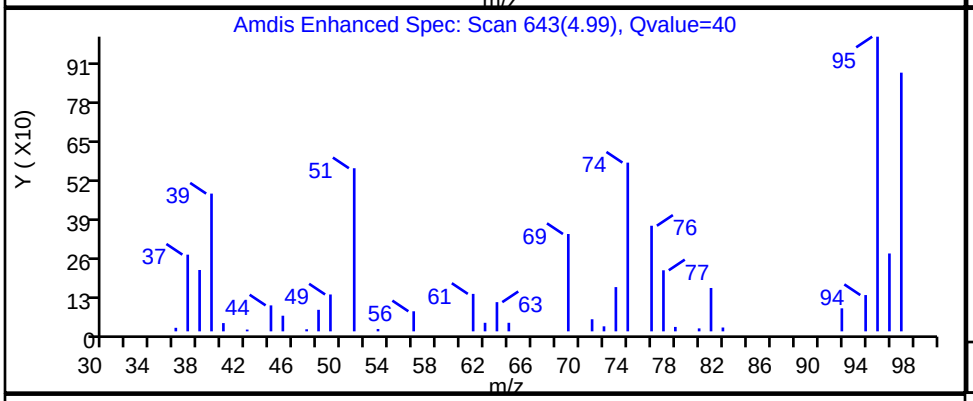
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Injection Date:	21-Aug-2024 11:11:30	Instrument ID:	CVOAMS17
Lims ID:	460-309671-A-4	Lab Sample ID:	460-309671-4
Client ID:	FB-1-081524		
Operator ID:		ALS Bottle#:	15 Worklist Smp#: 16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260W_17	Limit Group:	VOA - 8260D Water and Solid
Column:	DB-624 (0.18 mm)	Detector	MS Quad

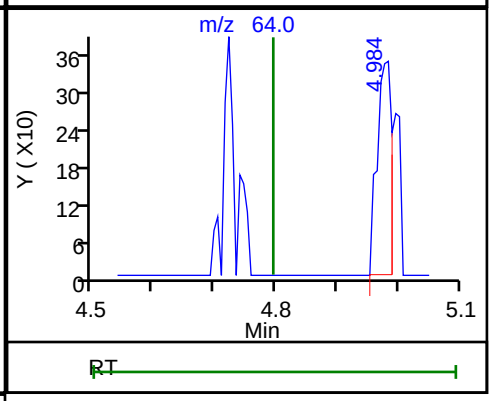
64 1,2-Dichloroethane, CAS: 107-06-2

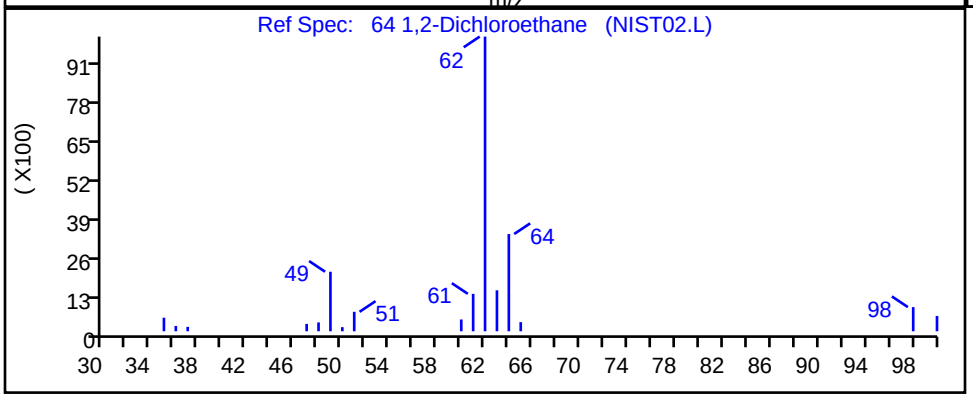
Processing Results











RT	Mass	Response	Amount
4.99	62.00	4521	2.589625
4.98	64.00	575	

Reviewer: XE5L, 22-Aug-2024 11:12:43 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-309671-1 Analy Batch No.: 991479

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/20/2024 18:09 Calibration End Date: 08/20/2024 20:26 Calibration ID: 98376

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-991479/3	TT84226.D
Level 2	STD1 460-991479/5	TT84228.D
Level 3	STD5 460-991479/6	TT84229.D
Level 4	STD20 460-991479/7	TT84230.D
Level 5	STD50 460-991479/8	TT84231.D
Level 6	STD200 460-991479/9	TT84232.D
Level 7	STD500 460-991479/10	TT84233.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Chlorotrifluoroethene	+++++ 0.1057	0.0809 0.0918	0.0847	0.0988	0.0983	Ave		0.0934				10.0		20.0			
Dichlorodifluoromethane	+++++ 0.5598	0.5067 0.4441	0.5711	0.5683	0.5616	Ave		0.5353			0.1000	9.5		20.0			
Chlorodifluoromethane	+++++ 0.0561	0.0799 0.0476	0.0754	0.0621	0.0549	Ave		0.0627				20.0		20.0			
Chloromethane	+++++ 0.4703	0.4299 0.3828	0.5353	0.4825	0.4863	Ave		0.4645			0.1000	11.3		20.0			
Vinyl chloride	+++++ 0.4161	0.4551 0.3307	0.4515	0.4334	0.4196	Ave		0.4178			0.1000	10.9		20.0			
Butadiene	0.5233 0.4270	0.4149 0.3331	0.4454	0.4408	0.4294	Ave		0.4306				13.0		20.0			
Bromomethane	+++++ 0.2714	0.2819 0.2176	0.2993	0.2860	0.2777	Ave		0.2723			0.1000	10.4		20.0			
Chloroethane	+++++ 0.2583	0.2357 0.1872	0.2543	0.2377	0.2464	Ave		0.2366			0.1000	10.9		20.0			
Dichlorofluoromethane	+++++ 0.6538	0.6550 0.5207	0.6842	0.6489	0.6601	Ave		0.6371				9.2		20.0			
Trichlorofluoromethane	+++++ 0.4569	0.4210 0.3691	0.4699	0.4498	0.4608	Ave		0.4379			0.1000	8.6		20.0			
Pentane	+++++ 0.0574	0.0621 0.0457	0.0546	0.0649	0.0628	Ave		0.0579				12.2		20.0			
Ethanol	+++++ 0.4081	0.4454 0.3468	0.4624	0.4824	0.4132	Ave		0.4264				11.3		20.0			
Ethyl ether	+++++ 0.1243	0.2314 0.1060	0.1510	0.1368	0.1299	Lin2	0.1099	0.1232							0.9940		0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-309671-1 Analy Batch No.: 991479

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/20/2024 18:09 Calibration End Date: 08/20/2024 20:26 Calibration ID: 98376

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
2-Methyl-1,3-butadiene	+++++ 0.2929	0.3377 0.2359	0.2866	0.3155	0.3114	Ave		0.2967				11.7		20.0			
1,2-Dichloro-1,1,2-trifluoroethane	+++++ 0.2756	0.3305 0.2467	0.2677	0.2975	0.2936	Ave		0.2853				10.1		20.0			
1,1,1-Trifluoro-2,2-dichloroethane	+++++ 0.4509	0.5024 0.3922	0.4483	0.4796	0.4720	Ave		0.4576				8.2		20.0			
Acrolein	+++++ 0.0209	0.0293 0.0174	0.0252	0.0225	0.0212	Ave		0.0227				17.9		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	+++++ 0.3056	0.2818 0.2716	0.2902	0.3353	0.3247	Ave		0.3015			0.1000	8.3		20.0			
1,1-Dichloroethene	+++++ 0.2929	0.3385 0.2594	0.3076	0.3248	0.3142	Ave		0.3062			0.1000	9.0		20.0			
Acetone	+++++ 0.9245	0.9397 0.7208	0.8039	0.7195	0.7399	Ave		0.8080			0.0500	12.5		20.0			
Iodomethane	+++++ 0.5086	0.5287 0.4479	0.5516	0.5401	0.5363	Ave		0.5189				7.2		20.0			
Isopropyl alcohol	+++++ 4.1381	8.0930 +++++	5.3203	4.9427	4.4936	Lin2	36.680	4.4622							0.9970		0.9900
Carbon disulfide	+++++ 1.1379	1.2409 0.9737	1.1645	1.2291	1.2280	Ave		1.1623			0.1000	8.7		20.0			
3-Chloro-1-propene	+++++ 0.1869	0.2247 0.1558	0.2100	0.1998	0.2051	Ave		0.1970				12.0		20.0			
Methyl acetate	+++++ 0.0940	0.1221 0.0765	0.1342	0.1124	0.1065	Ave		0.1076			0.1000	19.0		20.0			
Cyclopentene	+++++ 0.7069	0.8198 0.5688	0.6937	0.7689	0.7578	Ave		0.7193				12.0		20.0			
Acetonitrile	+++++ 0.3962	0.4948 +++++	0.4032	0.3206	0.3087	Ave		0.3847				19.5		20.0			
Methylene Chloride	+++++ 0.3032	0.3890 0.2618	0.3421	0.3124	0.3158	Ave		0.3207			0.1000	13.2		20.0			
2-Methyl-2-propanol	+++++ 7.4405	10.761 6.4814	8.8606	7.6195	7.4181	Ave		8.0969				18.7		20.0			
MTBE	+++++ 0.5753	0.6221 0.4985	0.6387	0.5813	0.5954	Ave		0.5852			0.1000	8.4		20.0			
trans-1,2-Dichloroethene	+++++ 0.3185	0.3569 0.2758	0.3408	0.3360	0.3343	Ave		0.3271			0.1000	8.6		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-309671-1 Analy Batch No.: 991479

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/20/2024 18:09 Calibration End Date: 08/20/2024 20:26 Calibration ID: 98376

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Acrylonitrile	0.1215 0.0472	0.0557 0.0397	0.0531	0.0493	0.0493	Lin2	0.1493	0.0460							0.9910		0.9900
Hexane	+++++ 0.4634	0.4974 0.4054	0.4598	0.5064	0.5041	Ave		0.4727				8.2		20.0			
Isopropyl ether	+++++ 0.9291	0.9871 0.7635	1.0093	0.9520	0.9777	Ave		0.9365				9.5		20.0			
1,1-Dichloroethane	+++++ 0.5508	0.5655 0.4663	0.5888	0.5700	0.5738	Ave		0.5525			0.2000	8.0		20.0			
Vinyl acetate	+++++ 0.6858	0.3368 0.5902	0.5233	0.6287	0.6511	Lin2	-0.613	0.6346							0.9960		0.9900
2-Chloro-1,3-butadiene	+++++ 0.2742	0.2941 0.2303	0.2700	0.2875	0.2866	Ave		0.2738				8.4		20.0			
Tert-butyl ethyl ether	+++++ 0.7808	0.8296 0.6572	0.8298	0.7865	0.8179	Ave		0.7836				8.3		20.0			
2,2-Dichloropropane	+++++ 0.1019	0.1226 0.0892	0.1044	0.1073	0.1059	Ave		0.1052				10.2		20.0			
cis-1,2-Dichloroethene	+++++ 0.3254	0.3537 0.2827	0.3457	0.3426	0.3359	Ave		0.3310			0.1000	7.7		20.0			
2-Butanone (MEK)	+++++ 0.3334	0.3524 0.2651	0.3188	0.3158	0.3205	Ave		0.3177			0.0500	9.2		20.0			
Ethyl acetate	+++++ 0.3382	0.7276 0.2779	0.3967	0.3582	0.3588	Lin2	0.8073	0.3237							0.9930		0.9900
Methyl acrylate	+++++ 0.1150	0.2016 +++++	0.1463	0.1282	0.1270	Lin2	0.0798	0.1233							0.9970		0.9900
Propionitrile	+++++ 10.557	10.905 9.2823	11.044	10.821	10.204	Ave		10.469				6.2		20.0			
Tetrahydrofuran	+++++ 0.3647	0.4548 0.2834	0.4386	0.3810	0.3931	Ave		0.3859				15.8		20.0			
Chlorobromomethane	+++++ 0.1202	0.1427 0.1056	0.1350	0.1250	0.1212	Ave		0.1249				10.3		20.0			
Methacrylonitrile	+++++ 0.0545	0.0609 0.0464	0.0615	0.0556	0.0567	Ave		0.0559				9.8		20.0			
Chloroform	+++++ 0.4744	0.5424 0.4077	0.5108	0.4860	0.4915	Ave		0.4855			0.2000	9.2		20.0			
Cyclohexane	+++++ 0.4945	0.5056 0.4406	0.4696	0.5335	0.5325	Ave		0.4960			0.1000	7.3		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-309671-1 Analy Batch No.: 991479

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/20/2024 18:09 Calibration End Date: 08/20/2024 20:26 Calibration ID: 98376

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,1,1-Trichloroethane	+++++ 0.4253	0.4550 0.3716	0.4286	0.4497	0.4390	Ave		0.4282			0.1000	7.0		20.0			
Carbon tetrachloride	+++++ 0.3568	0.3680 0.3193	0.3444	0.3685	0.3663	Ave		0.3539			0.1000	5.5		20.0			
1,1-Dichloropropene	+++++ 0.4043	0.4185 0.3533	0.3882	0.4104	0.4205	Ave		0.3992				6.3		20.0			
Isobutyl alcohol	+++++ 3.0218	8.9766 2.9887	2.6746	2.4165	3.2150	QuaF		3.0532	-0.000005						1.0000		0.9900
Isooctane	+++++ 1.2204	1.0904 1.0383	1.0938	1.2023	1.2343	Ave		1.1466				7.2		20.0			
Benzene	+++++ 1.8084	1.9173 1.5235	1.8788	1.8340	1.8312	Ave		1.7989			0.5000	7.8		20.0			
Isopropyl acetate	+++++ 0.0879	0.0854 0.0751	0.1013	0.0886	0.0896	Ave		0.0880				9.6		20.0			
Tert-amyl methyl ether	+++++ 0.6322	0.7210 0.5347	0.7164	0.6529	0.6688	Ave		0.6543				10.4		20.0			
1,2-Dichloroethane	+++++ 0.2452	0.2703 0.2127	0.2601	0.2434	0.2459	Ave		0.2462			0.1000	7.9		20.0			
n-Heptane	+++++ 0.0800	0.0925 0.0720	0.0765	0.0822	0.0794	Ave		0.0804				8.6		20.0			
n-Butanol	+++++ 1.8680	3.4289 1.6584	2.3143	2.0417	1.9899	Lin2	39.402	1.8814							0.9950		0.9900
Trichloroethene	+++++ 0.2960	0.3172 0.2615	0.2906	0.2990	0.3027	Ave		0.2945			0.2000	6.3		20.0			
Ethyl acrylate	+++++ 0.0314	0.0158 0.0283	0.0303	0.0346	0.0320	Lin2	-0.016	0.0321							0.9940		0.9900
Methylcyclohexane	+++++ 0.5765	0.5358 0.5134	0.5230	0.6109	0.6063	Ave		0.5610			0.1000	7.6		20.0			
1,2-Dichloropropane	+++++ 0.2912	0.3063 0.2516	0.3043	0.2936	0.2962	Ave		0.2905			0.1000	6.9		20.0			
Methyl methacrylate	+++++ 0.0366	0.0398 0.0321	0.0409	0.0385	0.0394	Ave		0.0379				8.4		20.0			
1,4-Dioxane	+++++ 1.0865	1.1931 0.8877	1.2234	1.1792	1.3819	Ave		1.1586				14.1		20.0			
Dibromomethane	+++++ 0.1079	0.1207 0.0946	0.1152	0.1081	0.1106	Ave		0.1095				8.0		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-309671-1 Analy Batch No.: 991479

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/20/2024 18:09 Calibration End Date: 08/20/2024 20:26 Calibration ID: 98376

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
n-Propyl acetate	+++++ 0.1690	0.1946 0.1464	0.1757	0.1633	0.1701	Ave		0.1698				9.3		20.0			
Dichlorobromomethane	+++++ 0.3009	0.3116 0.2632	0.3050	0.2834	0.2930	Ave		0.2929			0.2000	6.0		20.0			
2-Nitropropane	+++++ 0.0251	0.0291 0.0219	0.0325	0.0231	0.0248	Ave		0.0261				15.2		20.0			
2-Chloroethyl vinyl ether	+++++ 0.0978	0.1279 0.0850	0.1031	0.0993	0.1025	Ave		0.1026				13.7		20.0			
Epichlorohydrin	0.6438 0.2508	0.3280 0.1957	0.2712	0.2530	0.2625	Lin2	2.0127	0.2392							0.9910		0.9900
cis-1,3-Dichloropropene	+++++ 0.5802	0.5715 0.5028	0.5867	0.5581	0.5794	Ave		0.5631			0.2000	5.5		20.0			
4-Methyl-2-pentanone (MIBK)	+++++ 1.2553	1.2205 1.0072	1.2325	1.2198	1.2679	Ave		1.2005			0.0500	8.1		20.0			
Toluene	+++++ 1.8225	2.2176 1.5407	1.9108	1.8602	1.8563	Ave		1.8680			0.4000	11.6		20.0			
trans-1,3-Dichloropropene	+++++ 0.4244	0.4409 0.3609	0.4241	0.4024	0.4183	Ave		0.4119			0.1000	6.8		20.0			
Ethyl methacrylate	+++++ 0.3386	0.2927 0.2916	0.3133	0.3131	0.3408	Ave		0.3150				6.8		20.0			
1,1,2-Trichloroethane	+++++ 0.2077	0.2263 0.1784	0.2231	0.2127	0.2099	Ave		0.2097			0.1000	8.1		20.0			
Tetrachloroethene	+++++ 0.4339	0.4882 0.3808	0.4171	0.4460	0.4386	Ave		0.4341			0.2000	8.1		20.0			
1,3-Dichloropropane	+++++ 0.4051	0.4191 0.3445	0.4247	0.3983	0.4129	Ave		0.4008				7.3		20.0			
2-Hexanone	+++++ 1.8596	2.0317 1.4394	1.9137	1.8216	1.8769	Ave		1.8238			0.0500	11.1		20.0			
n-Butyl acetate	+++++ 0.3070	0.2911 0.2557	0.2828	0.2808	0.3155	Ave		0.2888				7.3		20.0			
Chlorodibromomethane	+++++ 0.2628	0.2499 0.2319	0.2490	0.2458	0.2536	Ave		0.2488			0.1000	4.1		20.0			
Ethylene Dibromide	+++++ 0.2137	0.2296 0.1797	0.2182	0.2091	0.2136	Ave		0.2106			0.1000	7.9		20.0			
Chlorobenzene	+++++ 1.0974	1.1567 0.9337	1.1239	1.1188	1.1279	Ave		1.0931			0.5000	7.4		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-309671-1 Analy Batch No.: 991479

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/20/2024 18:09 Calibration End Date: 08/20/2024 20:26 Calibration ID: 98376

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Ethylbenzene	+++++ 0.6485	0.6729 0.5550	0.6684	0.6565	0.6599	Ave		0.6435			0.1000	6.9		20.0			
1,1,1,2-Tetrachloroethane	+++++ 0.3845	0.3627 0.3334	0.3445	0.3577	0.3734	Ave		0.3594				5.2		20.0			
m-Xylene & p-Xylene	+++++ 0.7967	0.7844 0.6815	0.8252	0.8090	0.8207	Ave		0.7863			0.1000	6.8		20.0			
n-Butyl acrylate	+++++ 0.2163	0.1637 0.1822	0.1786	0.1840	0.2062	Ave		0.1885				10.2		20.0			
o-Xylene	+++++ 0.8000	0.7572 0.6765	0.7990	0.8038	0.8097	Ave		0.7744			0.3000	6.6		20.0			
Styrene	+++++ 1.2324	1.1945 1.0257	1.2283	1.2037	1.2698	Ave		1.1924			0.3000	7.2		20.0			
Bromoform	+++++ 0.1485	0.1467 0.1313	0.1331	0.1328	0.1382	Ave		0.1384			0.1000	5.4		20.0			
Amyl acetate (mixed isomers)	+++++ 0.8483	0.7878 0.7210	0.7578	0.7602	0.8390	Ave		0.7857				6.3		20.0			
Isopropylbenzene	+++++ 1.8616	1.9390 1.5583	1.8858	1.8971	1.9061	Ave		1.8413			0.1000	7.7		20.0			
Bromobenzene	+++++ 0.8379	0.8981 0.7202	0.8652	0.8377	0.8614	Ave		0.8368				7.3		20.0			
1,1,2,2-Tetrachloroethane	+++++ 0.4818	0.6399 0.4205	0.5182	0.4736	0.5031	Ave		0.5062			0.3000	14.5		20.0			
N-Propylbenzene	+++++ 4.6146	4.8274 3.8282	4.8103	4.7304	4.8967	Ave		4.6179				8.6		20.0			
1,2,3-Trichloropropane	+++++ 0.1241	0.1386 0.1080	0.1490	0.1267	0.1309	Ave		0.1296				10.7		20.0			
trans-1,4-Dichloro-2-butene	+++++ 0.1163	0.0535 0.1021	0.0997	0.0947	0.1073	Lin2	-0.053	0.1069							0.9960		0.9900
2-Chlorotoluene	+++++ 3.1291	3.2992 2.6402	3.3046	3.1362	3.2507	Ave		3.1267				8.0		20.0			
4-Ethyltoluene	+++++ 3.7679	4.1019 3.0858	3.9613	3.8973	4.0101	Ave		3.8041				9.7		20.0			
1,3,5-Trimethylbenzene	+++++ 3.2437	3.3152 2.7806	3.2037	3.1986	3.3242	Ave		3.1777				6.3		20.0			
4-Chlorotoluene	+++++ 2.8198	2.9630 2.3987	2.9415	2.8214	2.9044	Ave		2.8081				7.5		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-309671-1 Analy Batch No.: 991479

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/20/2024 18:09 Calibration End Date: 08/20/2024 20:26 Calibration ID: 98376

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Butyl Methacrylate	+++++ 1.0218	0.3968 0.8926	0.6333	0.8012	0.9735	QuaF		1.0848	-0.000383						1.0000		0.9900
tert-Butylbenzene	+++++ 2.7461	2.5131 2.4325	2.5679	2.5899	2.7080	Ave		2.5929				4.5		20.0			
1,2,4-Trimethylbenzene	+++++ 3.3443	3.6694 2.7941	3.4352	3.3656	3.4526	Ave		3.3435				8.8		20.0			
sec-Butylbenzene	+++++ 4.2449	4.2014 3.5957	4.1347	4.2665	4.3764	Ave		4.1366				6.7		20.0			
1,3-Dichlorobenzene	+++++ 1.7309	1.8514 1.4414	1.8756	1.7245	1.7961	Ave		1.7367			0.6000	9.0		20.0			
4-Isopropyltoluene	+++++ 3.6065	3.5979 3.0914	3.6356	3.6024	3.7140	Ave		3.5413				6.3		20.0			
1,4-Dichlorobenzene	+++++ 1.6854	1.8933 1.4150	1.7271	1.6986	1.7456	Ave		1.6941			0.5000	9.2		20.0			
1,2,3-Trimethylbenzene	+++++ 3.3574	3.5478 2.7712	3.6030	3.4205	3.5250	Ave		3.3708				9.1		20.0			
Benzyl chloride	+++++ 0.9074	1.0132 0.7777	0.8929	0.8783	0.9156	Ave		0.8975				8.4		20.0			
Indan	+++++ 2.8983	3.2130 2.3795	3.1826	2.9828	3.0832	Ave		2.9566				10.4		20.0			
p-Diethylbenzene	+++++ 2.2111	2.2148 1.8457	2.2537	2.2353	2.3204	Ave		2.1802				7.7		20.0			
n-Butylbenzene	+++++ 1.9332	2.1599 1.6386	1.9825	1.9619	2.0237	Ave		1.9500				8.8		20.0			
1,2-Dichlorobenzene	+++++ 1.5163	1.7598 1.2791	1.5863	1.5564	1.5589	Ave		1.5428			0.4000	10.0		20.0			
1,2,4,5-Tetramethylbenzene	+++++ 3.3360	3.4347 2.7550	3.4064	3.3555	3.4354	Ave		3.2872				8.0		20.0			
1,2-Dibromo-3-Chloropropane	+++++ 0.0680	0.0589 0.0609	0.0682	0.0603	0.0658	Ave		0.0637			0.0500	6.5		20.0			
1,3,5-Trichlorobenzene	+++++ 1.5357	1.5295 1.2853	1.6089	1.5336	1.5857	Ave		1.5131				7.7		20.0			
1,2,4-Trichlorobenzene	+++++ 1.2295	1.3092 1.0519	1.2411	1.1994	1.2455	Ave		1.2128			0.2000	7.1		20.0			
Hexachlorobutadiene	+++++ 0.8264	0.8041 0.7520	0.7699	0.8140	0.8205	Ave		0.7978				3.8		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-309671-1 Analy Batch No.: 991479

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/20/2024 18:09 Calibration End Date: 08/20/2024 20:26 Calibration ID: 98376

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Naphthalene	+++++ 1.6876	1.7005 1.4539	1.7094	1.5776	1.6935	Ave		1.6371				6.2		20.0			
1,2,3-Trichlorobenzene	+++++ 0.9945	1.0313 0.8539	0.9655	0.9514	1.0097	Ave		0.9677				6.5		20.0			
Dibromofluoromethane (Surr)	0.2232 0.2190	0.2179 0.2209	0.2209	0.2198	0.2149	Ave		0.2195				1.2		20.0			
1,2-Dichloroethane-d4 (Surr)	0.1903 0.2019	0.1899 0.2239	0.1858	0.1882	0.1927	Ave		0.1961				6.8		20.0			
Toluene-d8 (Surr)	1.3564 1.3916	1.3598 1.3776	1.3558	1.3653	1.3617	Ave		1.3669				1.0		20.0			
4-Bromofluorobenzene	0.4025 0.3966	0.4003 0.3981	0.4089	0.4125	0.3985	Ave		0.4025				1.5		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-309671-1 | Analy Batch No.: 991479

SDG No.:

Instrument ID: CVOAMS17 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 08/20/2024 18:09 | Calibration End Date: 08/20/2024 20:26 | Calibration ID: 98376

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-991479/3	TT84226.D
Level 2	STD1 460-991479/5	TT84228.D
Level 3	STD5 460-991479/6	TT84229.D
Level 4	STD20 460-991479/7	TT84230.D
Level 5	STD50 460-991479/8	TT84231.D
Level 6	STD200 460-991479/9	TT84232.D
Level 7	STD500 460-991479/10	TT84233.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Chlorotrifluoroethene	FB	Ave	+++++ 172175	683 443606	3442	16760	39180	+++++ 200	1.00 500	5.00	20.0	50.0
Dichlorodifluoromethane	FB	Ave	+++++ 912071	4276 2145259	23202	96445	223912	+++++ 200	1.00 500	5.00	20.0	50.0
Chlorodifluoromethane	FB	Ave	+++++ 91355	674 229954	3062	10537	21888	+++++ 200	1.00 500	5.00	20.0	50.0
Chloromethane	FB	Ave	+++++ 766236	3628 1848913	21748	81887	193909	+++++ 200	1.00 500	5.00	20.0	50.0
Vinyl chloride	FB	Ave	+++++ 677962	3841 1597662	18344	73557	167316	+++++ 200	1.00 500	5.00	20.0	50.0
Butadiene	FB	Ave	1158 695628	3501 1609233	18096	74809	171221	0.250 200	1.00 500	5.00	20.0	50.0
Bromomethane	FB	Ave	+++++ 442086	2379 1051017	12161	48542	110738	+++++ 200	1.00 500	5.00	20.0	50.0
Chloroethane	FB	Ave	+++++ 420800	1989 904083	10331	40347	98230	+++++ 200	1.00 500	5.00	20.0	50.0
Dichlorofluoromethane	FB	Ave	+++++ 1065222	5528 2515205	27796	110126	263183	+++++ 200	1.00 500	5.00	20.0	50.0
Trichlorofluoromethane	FB	Ave	+++++ 744389	3553 1783147	19090	76334	183725	+++++ 200	1.00 500	5.00	20.0	50.0
Pentane	FB	Ave	+++++ 186902	1048 441573	4435	22042	50113	+++++ 400	2.00 1000	10.0	40.0	100
Ethanol	TBAd9	Ave	+++++ 38748	223 93331	1220	4853	10593	+++++ 8000	40.0 20000	200	800	2000
Ethyl ether	FB	Lin2	+++++ 202505	1953 512238	6134	23210	51777	+++++ 200	1.00 500	5.00	20.0	50.0
2-Methyl-1,3-butadiene	FB	Ave	+++++ 477151	2850 1139513	11644	53546	124172	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	+++++ 448952	2789 1191910	10875	50491	117060	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	+++++	4240	18213	81389	188203	+++++	1.00	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-309671-1 | Analy Batch No.: 991479

SDG No.:

Instrument ID: CVOAMS17 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 08/20/2024 18:09 | Calibration End Date: 08/20/2024 20:26 | Calibration ID: 98376

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			734654	1894287				200	500			
Acrolein	FB	Ave	+++++ 34100	988 67262	4103	7621	16889	+++++ 200	4.00 400	20.0	40.0	100
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	+++++ 497826	2378 1312138	11788	56897	129466	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloroethene	FB	Ave	+++++ 477156	2857 1252894	12496	55117	125277	+++++ 200	1.00 500	5.00	20.0	50.0
Acetone	BUT	Ave	+++++ 314855	1653 778287	6906	25242	61893	+++++ 1000	5.00 2500	25.0	100	250
Iodomethane	FB	Ave	+++++ 828684	4462 2163704	22411	91662	213830	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl alcohol	TBAd9	Lin2	+++++ 98221	1013 +++++	3509	12431	28802	+++++ 2000	10.0 +++++	50.0	200	500
Carbon disulfide	FB	Ave	+++++ 1853847	10472 4703334	47309	208582	489598	+++++ 200	1.00 500	5.00	20.0	50.0
3-Chloro-1-propene	FB	Ave	+++++ 304574	1896 752360	8530	33913	81778	+++++ 200	1.00 500	5.00	20.0	50.0
Methyl acetate	FB	Ave	+++++ 306204	2061 738822	10907	38134	84932	+++++ 400	2.00 1000	10.0	40.0	100
Cyclopentene	FB	Ave	+++++ 1151654	6918 2747474	28182	130481	302157	+++++ 200	1.00 500	5.00	20.0	50.0
Acetonitrile	BUT	Ave	+++++ 269888	1741 +++++	6928	22497	51642	+++++ 2000	10.0 +++++	50.0	200	500
Methylene Chloride	FB	Ave	+++++ 493959	3283 1264576	13898	53022	125917	+++++ 200	1.00 500	5.00	20.0	50.0
2-Methyl-2-propanol	TBAd9	Ave	+++++ 176607	1347 436070	5844	19163	47546	+++++ 2000	10.0 5000	50.0	200	500
MTBE	FB	Ave	+++++ 937243	5250 2407977	25946	98648	237372	+++++ 200	1.00 500	5.00	20.0	50.0
trans-1,2-Dichloroethene	FB	Ave	+++++ 518919	3012 1332243	13845	57014	133307	+++++ 200	1.00 500	5.00	20.0	50.0
Acrylonitrile	FB	Lin2	2151 768405	4704 1918765	21588	83602	196722	2.00 2000	10.0 5000	50.0	200	500
Hexane	FB	Ave	+++++ 754941	4198 1958118	18680	85946	200972	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl ether	FB	Ave	+++++ 1513765	8330 3687921	41004	161571	389804	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloroethane	FB	Ave	+++++ 897287	4772 2252401	23919	96726	228765	+++++ 200	1.00 500	5.00	20.0	50.0
Vinyl acetate	BUT	Lin2	+++++	237	1798	8823	21786	+++++	2.00	10.0	40.0	100

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-309671-1 | Analy Batch No.: 991479

SDG No.:

Instrument ID: CVOAMS17 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 08/20/2024 18:09 | Calibration End Date: 08/20/2024 20:26 | Calibration ID: 98376

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			93426	254913				400	1000			
2-Chloro-1,3-butadiene	FB	Ave	+++++ 446720	2482 1112551	10969	48794	114274	+++++ 200	1.00 500	5.00	20.0	50.0
Tert-butyl ethyl ether	FB	Ave	+++++ 1272114	7001 3174817	33711	133478	326087	+++++ 200	1.00 500	5.00	20.0	50.0
2,2-Dichloropropane	FB	Ave	+++++ 166006	1035 430801	4240	18204	42204	+++++ 200	1.00 500	5.00	20.0	50.0
cis-1,2-Dichloroethene	FB	Ave	+++++ 530070	2985 1365780	14043	58145	133935	+++++ 200	1.00 500	5.00	20.0	50.0
2-Butanone (MEK)	BUT	Ave	+++++ 113551	620 286287	2739	11079	26808	+++++ 1000	5.00 2500	25.0	100	250
Ethyl acetate	BUT	Lin2	+++++ 46076	512 120051	1363	5026	12005	+++++ 400	2.00 1000	10.0	40.0	100
Methyl acrylate	FB	Lin2	+++++ 187393	1701 +++++	5942	21754	50621	+++++ 200	1.00 +++++	5.00	20.0	50.0
Propionitrile	TBAd9	Ave	+++++ 250589	1365 624512	7284	27216	65400	+++++ 2000	10.0 5000	50.0	200	500
Tetrahydrofuran	BUT	Ave	+++++ 49686	320 122428	1507	5347	13154	+++++ 400	2.00 1000	10.0	40.0	100
Chlorobromomethane	FB	Ave	+++++ 195809	1204 510329	5484	21209	48305	+++++ 200	1.00 500	5.00	20.0	50.0
Methacrylonitrile	FB	Ave	+++++ 887604	5142 2239441	24969	94408	226009	+++++ 2000	10.0 5000	50.0	200	500
Chloroform	FB	Ave	+++++ 772817	4577 1969598	20752	82474	195956	+++++ 200	1.00 500	5.00	20.0	50.0
Cyclohexane	FB	Ave	+++++ 805575	4267 2128249	19078	90540	212322	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1-Trichloroethane	FB	Ave	+++++ 692949	3840 1795108	17411	76314	175032	+++++ 200	1.00 500	5.00	20.0	50.0
Carbon tetrachloride	FB	Ave	+++++ 581287	3106 1542138	13993	62544	146049	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloropropene	FB	Ave	+++++ 658636	3532 1706424	15769	69642	167653	+++++ 200	1.00 500	5.00	20.0	50.0
Isobutyl alcohol	TBAd9	QuaF	+++++ 179312	2809 502691	4410	15194	51516	+++++ 5000	25.0 12500	125	500	1250
Isooctane	FB	Ave	+++++ 1988356	9202 5015578	44435	204034	492121	+++++ 200	1.00 500	5.00	20.0	50.0
Benzene	CBNZd5	Ave	+++++ 1996051	11149 5043220	53238	212779	505749	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl acetate	FB	Ave	+++++	721	4117	15040	35705	+++++	1.00	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-309671-1 | Analy Batch No.: 991479

SDG No.:

Instrument ID: CVOAMS17 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 08/20/2024 18:09 | Calibration End Date: 08/20/2024 20:26 | Calibration ID: 98376

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			143160	362581				200	500			
Tert-amyl methyl ether	FB	Ave	+++++ 1029993	6085 2582644	29105	110809	266667	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloroethane	FB	Ave	+++++ 399439	2281 1027388	10566	41299	98030	+++++ 200	1.00 500	5.00	20.0	50.0
n-Heptane	FB	Ave	+++++ 130270	781 347876	3108	13945	31673	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butanol	TBAd9	Lin2	+++++ 110850	1073 278945	3816	12837	31886	+++++ 5000	25.0 12500	125	500	1250
Trichloroethene	FB	Ave	+++++ 482252	2677 1263187	11804	50740	120676	+++++ 200	1.00 500	5.00	20.0	50.0
Ethyl acrylate	FB	Lin2	+++++ 51161	133 136467	1230	5874	12762	+++++ 200	1.00 500	5.00	20.0	50.0
Methylcyclohexane	FB	Ave	+++++ 939159	4522 2480117	21248	103673	241721	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloropropane	FB	Ave	+++++ 474384	2585 1215359	12363	49829	118099	+++++ 200	1.00 500	5.00	20.0	50.0
Methyl methacrylate	FB	Ave	+++++ 119358	672 310456	3327	13080	31402	+++++ 400	2.00 1000	10.0	40.0	100
1,4-Dioxane	DXE	Ave	+++++ 35834	472 89089	1110	4058	10255	+++++ 4000	50.0 10000	100	400	1000
Dibromomethane	FB	Ave	+++++ 175834	1019 456819	4680	18353	44104	+++++ 200	1.00 500	5.00	20.0	50.0
n-Propyl acetate	FB	Ave	+++++ 275297	1642 706965	7138	27721	67802	+++++ 200	1.00 500	5.00	20.0	50.0
Dichlorobromomethane	FB	Ave	+++++ 490154	2630 1271372	12392	48099	116815	+++++ 200	1.00 500	5.00	20.0	50.0
2-Nitropropane	FB	Ave	+++++ 81919	491 211947	2643	7854	19740	+++++ 400	2.00 1000	10.0	40.0	100
2-Chloroethyl vinyl ether	FB	Ave	+++++ 159773	1082 411367	4199	16891	40958	+++++ 200	1.00 501	5.01	20.0	50.1
Epichlorohydrin	BUT	Lin2	1206 341623	2308 845454	9319	35506	87845	5.00 4000	20.0 10000	100	400	1000
cis-1,3-Dichloropropene	CBNZd5	Ave	+++++ 640418	3323 1664459	16626	64750	160022	+++++ 200	1.00 500	5.00	20.0	50.0
4-Methyl-2-pentanone (MIBK)	BUT	Ave	+++++ 427512	2147 1087569	10588	42794	106053	+++++ 1000	5.00 2500	25.0	100	250
Toluene	CBNZd5	Ave	+++++ 2011545	12895 5099892	54144	215826	512688	+++++ 200	1.00 500	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-309671-1 | Analy Batch No.: 991479

SDG No.:

Instrument ID: CVOAMS17 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 08/20/2024 18:09 | Calibration End Date: 08/20/2024 20:26 | Calibration ID: 98376

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
trans-1,3-Dichloropropene	CBNZd5	Ave	+++++ 468447	2564 1194795	12016	46692	115532	+++++ 200	1.00 500	5.00	20.0	50.0
Ethyl methacrylate	CBNZd5	Ave	+++++ 373776	1702 965372	8879	36324	94124	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2-Trichloroethane	CBNZd5	Ave	+++++ 229247	1316 590437	6323	24672	57979	+++++ 200	1.00 500	5.00	20.0	50.0
Tetrachloroethene	CBNZd5	Ave	+++++ 478972	2839 1260553	11819	51749	121129	+++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichloropropane	CBNZd5	Ave	+++++ 447169	2437 1140410	12035	46206	114033	+++++ 200	1.00 500	5.00	20.0	50.0
2-Hexanone	BUT	Ave	+++++ 633324	3574 1554248	16440	63907	156993	+++++ 1000	5.00 2500	25.0	100	250
n-Butyl acetate	CBNZd5	Ave	+++++ 338844	1693 846580	8013	32583	87149	+++++ 200	1.00 500	5.00	20.0	50.0
Chlorodibromomethane	CBNZd5	Ave	+++++ 290055	1453 767540	7055	28513	70039	+++++ 200	1.00 500	5.00	20.0	50.0
Ethylene Dibromide	CBNZd5	Ave	+++++ 235852	1335 594734	6183	24261	59002	+++++ 200	1.00 500	5.00	20.0	50.0
Chlorobenzene	CBNZd5	Ave	+++++ 1211215	6726 3090863	31846	129803	311507	+++++ 200	1.00 500	5.00	20.0	50.0
Ethylbenzene	CBNZd5	Ave	+++++ 715740	3913 1837159	18941	76163	182265	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1,2-Tetrachloroethane	CBNZd5	Ave	+++++ 424363	2109 1103610	9761	41502	103125	+++++ 200	1.00 500	5.00	20.0	50.0
m-Xylene & p-Xylene	CBNZd5	Ave	+++++ 879394	4561 2255921	23384	93859	226672	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butyl acrylate	CBNZd5	Ave	+++++ 238777	952 603049	5062	21353	56943	+++++ 200	1.00 500	5.00	20.0	50.0
o-Xylene	CBNZd5	Ave	+++++	4403	22640	93258	223636	+++++	1.00	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-309671-1 Analy Batch No.: 991479

SDG No.:

Instrument ID: CVOAMS17 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/20/2024 18:09 Calibration End Date: 08/20/2024 20:26 Calibration ID: 98376

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			883036	2239454				200	500			
Styrene	CBNZd5	Ave	+++++ 1360257	6946 3395121	34804	139650	350699	+++++ 200	1.00 500	5.00	20.0	50.0
Bromoform	CBNZd5	Ave	+++++ 163867	853 434670	3771	15409	38179	+++++ 200	1.00 500	5.00	20.0	50.0
Amyl acetate (mixed isomers)	DCBd4	Ave	+++++ 487603	2313 1206259	11020	46255	119179	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropylbenzene	CBNZd5	Ave	+++++ 2054710	11275 5158326	53435	220104	526432	+++++ 200	1.00 500	5.00	20.0	50.0
Bromobenzene	DCBd4	Ave	+++++ 481585	2637 1204936	12582	50965	122361	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2,2-Tetrachloroethane	DCBd4	Ave	+++++ 276923	1879 703521	7536	28812	71458	+++++ 200	1.00 500	5.00	20.0	50.0
N-Propylbenzene	DCBd4	Ave	+++++ 2652347	14174 6404543	69950	287810	695564	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichloropropane	DCBd4	Ave	+++++ 71312	407 180764	2166	7711	18594	+++++ 200	1.00 500	5.00	20.0	50.0
trans-1,4-Dichloro-2-butene	DCBd4	Lin2	+++++ 66869	157 170853	1450	5759	15239	+++++ 200	1.00 500	5.00	20.0	50.0
2-Chlorotoluene	DCBd4	Ave	+++++ 1798545	9687 4416961	48054	190811	461759	+++++ 200	1.00 500	5.00	20.0	50.0
4-Ethyltoluene	DCBd4	Ave	+++++ 2165680	12044 5162533	57604	237123	569622	+++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trimethylbenzene	DCBd4	Ave	+++++ 1864413	9734 4651935	46587	194611	472192	+++++ 200	1.00 500	5.00	20.0	50.0
4-Chlorotoluene	DCBd4	Ave	+++++ 1620766	8700 4012882	42774	171659	412561	+++++ 200	1.00 500	5.00	20.0	50.0
Butyl Methacrylate	DCBd4	QuaF	+++++ 587290	1165 1493363	9209	48747	138286	+++++ 200	1.00 500	5.00	20.0	50.0
tert-Butylbenzene	DCBd4	Ave	+++++ 1578397	7379 4069504	37342	157578	384659	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trimethylbenzene	DCBd4	Ave	+++++ 1922236	10774 4674457	49953	204770	490437	+++++ 200	1.00 500	5.00	20.0	50.0
sec-Butylbenzene	DCBd4	Ave	+++++ 2439849	12336 6015492	60125	259586	621663	+++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichlorobenzene	DCBd4	Ave	+++++ 994871	5436 2411497	27274	104923	255137	+++++ 200	1.00 500	5.00	20.0	50.0
4-Isopropyltoluene	DCBd4	Ave	+++++ 2072930	10564 5171852	52868	219180	527573	+++++ 200	1.00 500	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-309671-1 | Analy Batch No.: 991479

SDG No.:

Instrument ID: CVOAMS17 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 08/20/2024 18:09 | Calibration End Date: 08/20/2024 20:26 | Calibration ID: 98376

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
1,4-Dichlorobenzene	DCBd4	Ave	+++++ 968704	5559 2367183	25115	103344	247960	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trimethylbenzene	DCBd4	Ave	+++++ 1929748	10417 4636173	52394	208110	500717	+++++ 200	1.00 500	5.00	20.0	50.0
Benzyl chloride	DCBd4	Ave	+++++ 521548	2975 1301071	12984	53438	130055	+++++ 200	1.00 500	5.00	20.0	50.0
Indan	DCBd4	Ave	+++++ 1665872	9434 3980827	46280	181480	437960	+++++ 200	1.00 500	5.00	20.0	50.0
p-Diethylbenzene	DCBd4	Ave	+++++ 1270882	6503 3087847	32773	135999	329606	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butylbenzene	DCBd4	Ave	+++++ 1111160	6342 2741400	28829	119364	287468	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichlorobenzene	DCBd4	Ave	+++++ 871514	5167 2139973	23068	94693	221442	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4,5-Tetramethylbenzene	DCBd4	Ave	+++++ 1917458	10085 4608996	49535	204158	487990	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dibromo-3-Chloropropane	DCBd4	Ave	+++++ 39071	173 101893	992	3671	9350	+++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trichlorobenzene	DCBd4	Ave	+++++ 882682	4491 2150262	23396	93307	225242	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trichlorobenzene	DCBd4	Ave	+++++ 706691	3844 1759750	18048	72975	176915	+++++ 200	1.00 500	5.00	20.0	50.0
Hexachlorobutadiene	DCBd4	Ave	+++++ 475019	2361 1258068	11196	49528	116551	+++++ 200	1.00 500	5.00	20.0	50.0
Naphthalene	DCBd4	Ave	+++++ 969979	4993 2432389	24858	95983	240552	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichlorobenzene	DCBd4	Ave	+++++ 571612	3028 1428467	14040	57885	143432	+++++ 200	1.00 500	5.00	20.0	50.0
Dibromofluoromethane (Surr)	FB	Ave	98787 89179	91936 106691	89750	93245	85687	50.0 50.0	50.0 50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	84214 82223	80150 108140	75489	79839	76821	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZd5	Ave	421188 384009	395354 456028	384184	396002	376088	50.0 50.0	50.0 50.0	50.0	50.0	50.0
4-Bromofluorobenzene	CBNZd5	Ave	124995 109427	116380 131777	115863	119651	110065	50.0 50.0	50.0 50.0	50.0	50.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-309671-1 | Analy Batch No.: 991479

SDG No.:

Instrument ID: CVOAMS17 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 08/20/2024 18:09 | Calibration End Date: 08/20/2024 20:26 | Calibration ID: 98376

Curve Type Legend:

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD
QuaF = Quadratic ISTD forced zero

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240820-179823.b\TT84226.D
Lims ID: STD8
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 20-Aug-2024 18:09:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD8
Misc. Info.: 460-0179823-003
Operator ID: Instrument ID: CVOAMS17
Sublist: chrom-8260W_17*sub11

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240820-179823.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Aug-2024 20:46:40 Calib Date: 20-Aug-2024 20:26:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240820-179823.b\TT84233.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1634

First Level Reviewer: FK2C Date: 21-Aug-2024 07:32:43

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Butadiene	54	1.607	1.607	0.000	24	1158	0.2500	0.3038	M
* 31 TBA-d9 (IS)	66	2.893	2.905	-0.012	0	14272	1000.0	1000.0	
35 Acrylonitrile	53	3.143	3.149	-0.006	81	2151	2.00	2.04	
* 42 2-Butanone-d5	46	3.923	3.923	0.000	0	93659	250.0	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.381	4.380	0.001	98	98787	50.0	50.8	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.722	4.722	0.000	0	84214	50.0	48.5	
* 66 Fluorobenzene	96	4.990	4.990	0.000	99	442598	50.0	50.0	
* 72 1,4-Dioxane-d8	96	5.667	5.667	0.000	0	9584	1000.0	1000.0	M
80 Epichlorohydrin	57	6.325	6.325	0.000	49	1206	5.00	5.04	
$ 83 Toluene-d8 (Surr)	98	6.624	6.624	0.000	99	421188	50.0	49.6	a
* 94 Chlorobenzene-d5	117	8.386	8.386	0.000	86	310518	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	9.861	9.855	0.006	94	124995	50.0	50.0	
* 121 1,4-Dichlorobenzene-d4	152	11.013	11.013	0.000	95	159966	50.0	50.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

524FREONS_00023	Amount Added:	0.00	Units: uL	
ACROLEIN W_00172	Amount Added:	0.00	Units: uL	
8260MIX1COMB_00192	Amount Added:	0.00	Units: uL	
14DIOXINTER_00172	Amount Added:	0.00	Units: uL	
GASES Li_00598	Amount Added:	2.50	Units: uL	
V7FreonSS_00001	Amount Added:	0.00	Units: uL	
Ethanol mix_00092	Amount Added:	0.00	Units: uL	
MIX I Hi_00179	Amount Added:	0.00	Units: uL	
MIX 2 Hi_00152	Amount Added:	0.00	Units: uL	
GAS Hi_00476	Amount Added:	0.00	Units: uL	
ACRY/EPIH MIX_00128	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00075	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 21-Aug-2024 20:46:40 Chrom Revision: 2.3 16-Jul-2024 14:17:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240820-179823.b\TT84226.D

Injection Date: 20-Aug-2024 18:09:30 Instrument ID: CVOAMS17

Lims ID: STD8

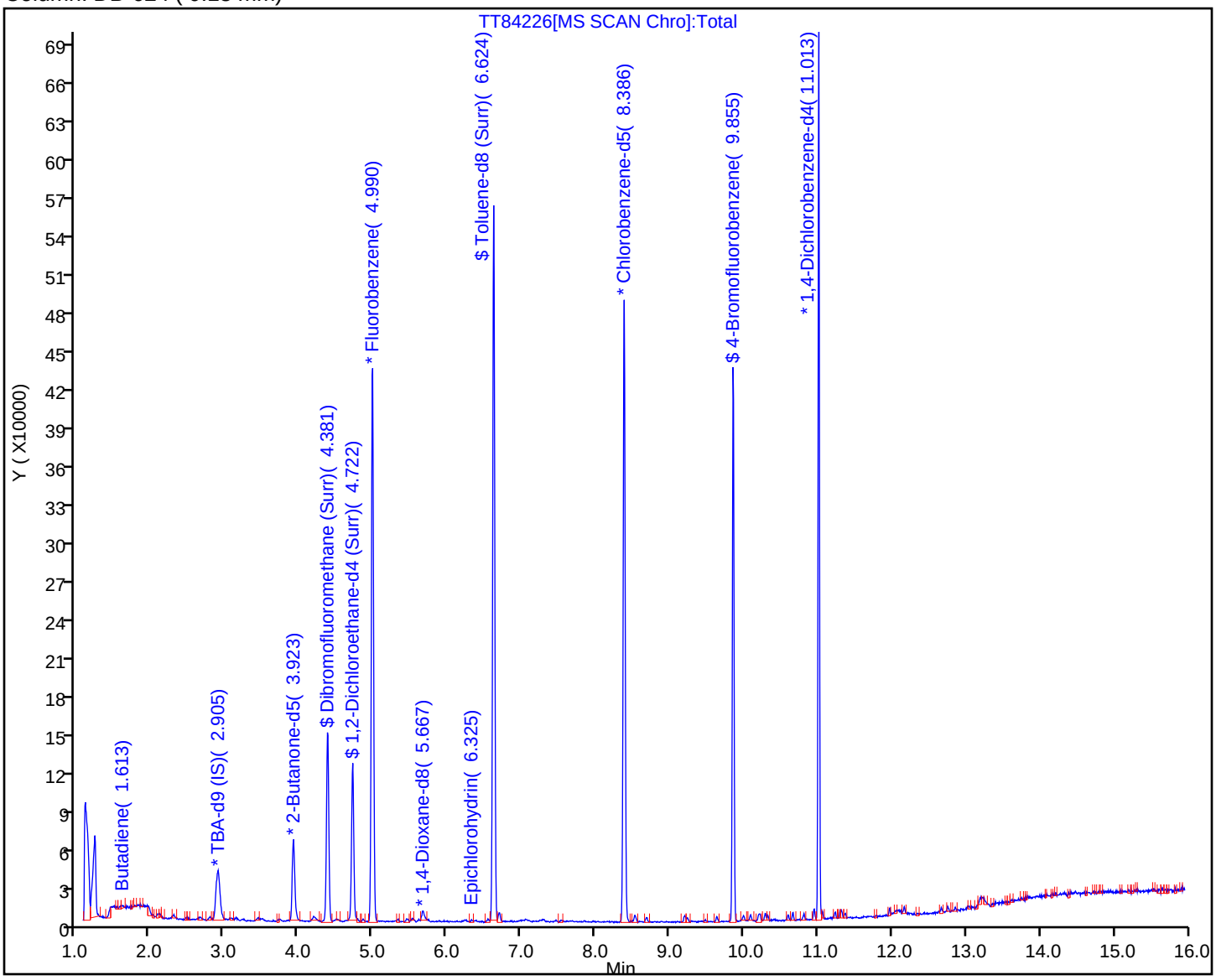
Client ID:

Operator ID: ALS Bottle#: 2 Worklist Smp#: 3

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240820-179823.b\TT84228.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 20-Aug-2024 18:48:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0179823-005
Operator ID: Instrument ID: CVOAMS17
Sublist: chrom-8260W_17*sub11

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240820-179823.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Aug-2024 20:46:52 Calib Date: 20-Aug-2024 20:26:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240820-179823.b\TT84233.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1634

First Level Reviewer: FK2C Date: 21-Aug-2024 06:58:08

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 1,1-Difluoroethane	65	1.332	1.332	0.000	73	1523	1.00	1.12	M
3 Chlorotrifluoroethene	116	1.344	1.338	0.006	19	683	1.00	0.8668	Ma
4 Dichlorodifluoromethane	85	1.363	1.381	-0.018	64	4276	1.00	0.9466	
5 Chlorodifluoromethane	67	1.338	1.387	-0.049	57	674	1.00	1.27	
6 Chloromethane	50	1.521	1.521	0.000	97	3628	1.00	0.9255	
7 Vinyl chloride	62	1.594	1.601	-0.007	77	3841	1.00	1.09	
8 Butadiene	54	1.600	1.607	-0.007	93	3501	1.00	0.9635	
9 Bromomethane	94	1.844	1.857	-0.013	94	2379	1.00	1.04	M
10 Chloroethane	64	1.917	1.924	-0.007	97	1989	1.00	1.00	
11 Dichlorofluoromethane	67	2.088	2.088	0.000	97	5528	1.00	1.03	
12 Trichlorofluoromethane	101	2.100	2.094	0.006	63	3553	1.00	0.9614	
13 Pentane	72	2.113	2.125	-0.012	95	1048	2.00	2.14	
14 Ethanol	46	2.259	2.271	-0.012	52	223	40.0	41.8	a
15 Ethyl ether	74	2.289	2.289	0.000	95	1953	1.00	0.9868	
16 2-Methyl-1,3-butadiene	53	2.308	2.320	-0.012	95	2850	1.00	1.14	M
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.350	2.356	-0.006	69	2789	1.00	1.16	M
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.405	2.405	0.000	60	4240	1.00	1.10	
19 Acrolein	56	2.466	2.454	0.012	12	988	4.00	5.15	M
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.472	2.478	-0.006	52	2378	1.00	0.9345	M
21 1,1-Dichloroethene	96	2.484	2.491	-0.007	96	2857	1.00	1.11	
22 Acetone	43	2.564	2.564	0.000	70	1653	5.00	5.81	M
23 Iodomethane	142	2.631	2.631	0.000	96	4462	1.00	1.02	
25 Isopropyl alcohol	45	2.661	2.655	0.006	29	1013	10.0	9.92	
24 Carbon disulfide	76	2.667	2.667	0.000	99	10472	1.00	1.07	
26 3-Chloro-1-propene	76	2.777	2.789	-0.012	90	1896	1.00	1.14	
27 Methyl acetate	43	2.789	2.795	-0.006	54	2061	2.00	2.27	
28 Cyclopentene	67	2.801	2.808	-0.007	92	6918	1.00	1.14	a
29 Acetonitrile	41	2.850	2.844	0.006	46	1741	10.0	12.9	Ma
* 31 TBA-d9 (IS)	66	2.887	2.905	-0.018	0	12517	1000.0	1000.0	
30 Methylene Chloride	84	2.899	2.905	-0.006	35	3283	1.00	1.21	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	2.954	2.966	-0.012	34	1347	10.0	13.3	a
33 Methyl tert-butyl ether	73	3.058	3.058	0.000	82	5250	1.00	1.06	
34 trans-1,2-Dichloroethene	96	3.076	3.082	-0.006	95	3012	1.00	1.09	
35 Acrylonitrile	53	3.143	3.149	-0.006	91	4704	10.0	8.87	
36 Hexane	57	3.234	3.240	-0.006	90	4198	1.00	1.05	
37 Isopropyl ether	45	3.435	3.429	0.006	88	8330	1.00	1.05	
38 1,1-Dichloroethane	63	3.460	3.466	-0.006	87	4772	1.00	1.02	Ma
39 Vinyl acetate	86	3.478	3.478	0.000	98	237	2.00	2.03	M
40 2-Chloro-1,3-butadiene	88	3.496	3.509	-0.013	86	2482	1.00	1.07	
41 Tert-butyl ethyl ether	59	3.734	3.740	-0.006	89	7001	1.00	1.06	
* 42 2-Butanone-d5	46	3.917	3.923	-0.006	0	87957	250.0	250.0	
43 2,2-Dichloropropane	97	3.929	3.948	-0.019	55	1035	1.00	1.17	M
44 cis-1,2-Dichloroethene	96	3.954	3.960	-0.006	95	2985	1.00	1.07	
45 2-Butanone (MEK)	72	3.966	3.972	-0.006	95	620	5.00	5.55	M
46 Ethyl acetate	70	3.960	3.984	-0.024	92	512	2.00	2.00	Ma
47 Methyl acrylate	55	4.027	4.027	0.000	50	1701	1.00	0.9882	
48 Propionitrile	54	4.094	4.100	-0.006	90	1365	10.0	10.4	M
49 Chlorobromomethane	128	4.179	4.173	0.006	75	1204	1.00	1.14	
50 Tetrahydrofuran	72	4.179	4.179	0.000	40	320	2.00	2.36	
51 Methacrylonitrile	67	4.198	4.198	0.000	91	5142	10.0	10.9	
52 Chloroform	83	4.228	4.228	0.000	97	4577	1.00	1.12	
53 Cyclohexane	84	4.356	4.362	-0.006	37	4267	1.00	1.02	
54 1,1,1-Trichloroethane	97	4.380	4.374	0.006	36	3840	1.00	1.06	
$ 55 Dibromofluoromethane (Surr)	113	4.380	4.380	0.000	98	91936	50.0	49.6	
56 Carbon tetrachloride	117	4.484	4.490	-0.006	78	3106	1.00	1.04	
57 1,1-Dichloropropene	75	4.508	4.515	-0.007	95	3532	1.00	1.05	
58 Isobutyl alcohol	43	4.649	4.637	0.012	31	2809	25.0	73.5	M
59 Isooctane	57	4.685	4.679	0.006	97	9202	1.00	0.9510	a
60 Benzene	78	4.697	4.704	-0.007	95	11149	1.00	1.07	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.722	4.722	0.000	0	80150	50.0	48.4	
62 Tert-amyl methyl ether	73	4.777	4.771	0.006	91	6085	1.00	1.10	
63 Isopropyl acetate	61	4.771	4.777	-0.006	73	721	1.00	0.9711	
64 1,2-Dichloroethane	62	4.789	4.795	-0.006	37	2281	1.00	1.10	M
65 n-Heptane	100	4.862	4.868	-0.006	93	781	1.00	1.15	
* 66 Fluorobenzene	96	4.984	4.990	-0.006	99	421956	50.0	50.0	
67 n-Butanol	56	5.289	5.289	0.000	75	1073	25.0	24.6	
68 Trichloroethene	95	5.331	5.332	-0.001	96	2677	1.00	1.08	
70 Ethyl acrylate	99	5.459	5.453	0.006	92	133	1.00	0.9866	
69 Methylcyclohexane	83	5.459	5.460	-0.001	88	4522	1.00	0.9552	
71 1,2-Dichloropropane	63	5.612	5.612	0.000	92	2585	1.00	1.05	
* 72 1,4-Dioxane-d8	96	5.667	5.667	0.000	0	7912	1000.0	1000.0	
73 Methyl methacrylate	100	5.691	5.697	-0.006	87	672	2.00	2.10	
75 1,4-Dioxane	88	5.734	5.722	0.012	1	472	50.0	51.5	
74 Dibromomethane	93	5.740	5.740	0.000	91	1019	1.00	1.10	
76 n-Propyl acetate	43	5.758	5.752	0.006	36	1642	1.00	1.15	a
77 Dichlorobromomethane	83	5.886	5.886	0.000	98	2630	1.00	1.06	
78 2-Nitropropane	41	6.215	6.222	-0.007	70	491	2.00	2.23	
79 2-Chloroethyl vinyl ether	63	6.228	6.222	0.006	86	1082	1.00	1.25	
80 Epichlorohydrin	57	6.319	6.325	-0.006	53	2308	20.0	19.0	
81 cis-1,3-Dichloropropene	75	6.386	6.380	0.006	89	3323	1.00	1.01	
82 4-Methyl-2-pentanone (MIBK)	58	6.551	6.545	0.006	96	2147	5.00	5.08	
$ 83 Toluene-d8 (Surr)	98	6.624	6.624	0.000	100	395354	50.0	49.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	6.697	6.697	0.000	93	12895	1.00	1.19	
85 trans-1,3-Dichloropropene	75	7.045	7.045	0.000	93	2564	1.00	1.07	
86 Ethyl methacrylate	69	7.087	7.087	0.000	82	1702	1.00	0.9291	
87 1,1,2-Trichloroethane	83	7.252	7.258	-0.006	92	1316	1.00	1.08	
88 Tetrachloroethene	166	7.294	7.301	-0.007	95	2839	1.00	1.12	
89 1,3-Dichloropropane	76	7.471	7.465	0.006	93	2437	1.00	1.05	M
90 2-Hexanone	43	7.538	7.532	0.006	87	3574	5.00	5.57	
91 n-Butyl acetate	43	7.654	7.648	0.006	83	1693	1.00	1.01	
92 Chlorodibromomethane	129	7.697	7.691	0.006	95	1453	1.00	1.00	
93 Ethylene Dibromide	107	7.843	7.843	0.000	97	1335	1.00	1.09	
* 94 Chlorobenzene-d5	117	8.386	8.386	0.000	86	290744	50.0	50.0	
95 Chlorobenzene	112	8.422	8.422	0.000	94	6726	1.00	1.06	
96 Ethylbenzene	106	8.532	8.532	0.000	98	3913	1.00	1.05	M
97 1,1,1,2-Tetrachloroethane	131	8.544	8.544	0.000	35	2109	1.00	1.01	
98 m-Xylene & p-Xylene	106	8.684	8.685	-0.001	0	4561	1.00	1.00	
100 n-Butyl acrylate	73	9.203	9.203	0.000	46	952	1.00	0.8685	
99 o-Xylene	106	9.203	9.203	0.000	92	4403	1.00	0.9778	
101 Styrene	104	9.239	9.239	0.000	96	6946	1.00	1.00	
102 Bromoform	173	9.477	9.483	-0.006	63	853	1.00	1.06	
103 Amyl acetate (mixed isomers)	43	9.483	9.483	0.000	90	2313	1.00	1.00	
104 Isopropylbenzene	105	9.636	9.636	0.000	96	11275	1.00	1.05	
$ 105 4-Bromofluorobenzene	174	9.855	9.855	0.000	92	116380	50.0	49.7	
106 Bromobenzene	156	10.001	10.001	0.000	97	2637	1.00	1.07	
107 1,1,2,2-Tetrachloroethane	83	10.068	10.062	0.006	94	1879	1.00	1.26	
108 N-Propylbenzene	91	10.093	10.093	0.000	99	14174	1.00	1.05	
109 1,2,3-Trichloropropane	110	10.105	10.111	-0.006	93	407	1.00	1.07	
110 trans-1,4-Dichloro-2-butene	53	10.129	10.135	-0.006	1	157	1.00	1.00	a
111 2-Chlorotoluene	91	10.202	10.203	-0.001	96	9687	1.00	1.06	
112 4-Ethyltoluene	105	10.215	10.221	-0.006	98	12044	1.00	1.08	
113 1,3,5-Trimethylbenzene	105	10.294	10.294	0.000	92	9734	1.00	1.04	
114 4-Chlorotoluene	91	10.324	10.324	0.000	97	8700	1.00	1.06	
115 Butyl Methacrylate	87	10.410	10.410	0.000	82	1165	1.00	0.3658	
116 tert-Butylbenzene	119	10.599	10.599	0.000	91	7379	1.00	0.9692	
117 1,2,4-Trimethylbenzene	105	10.666	10.666	0.000	96	10774	1.00	1.10	
118 sec-Butylbenzene	105	10.812	10.812	0.000	99	12336	1.00	1.02	
119 1,3-Dichlorobenzene	146	10.946	10.940	0.006	97	5436	1.00	1.07	
120 4-Isopropyltoluene	119	10.952	10.952	0.000	97	10564	1.00	1.02	
* 121 1,4-Dichlorobenzene-d4	152	11.013	11.013	0.000	95	146809	50.0	50.0	
122 1,4-Dichlorobenzene	146	11.032	11.032	0.000	93	5559	1.00	1.12	
123 1,2,3-Trimethylbenzene	105	11.062	11.062	0.000	98	10417	1.00	1.05	
124 Benzyl chloride	91	11.172	11.172	0.000	97	2975	1.00	1.13	
125 2,3-Dihydroindene	117	11.233	11.233	0.000	94	9434	1.00	1.09	
126 p-Diethylbenzene	119	11.300	11.300	0.000	92	6503	1.00	1.02	
127 n-Butylbenzene	92	11.324	11.324	0.000	97	6342	1.00	1.11	
128 1,2-Dichlorobenzene	146	11.367	11.367	0.000	96	5167	1.00	1.14	
129 1,2,4,5-Tetramethylbenzene	119	11.970	11.970	0.000	98	10085	1.00	1.04	
130 1,2-Dibromo-3-Chloropropane	155	12.056	12.050	0.006	1	173	1.00	0.9250	
131 1,3,5-Trichlorobenzene	180	12.165	12.172	-0.007	96	4491	1.00	1.01	
132 1,2,4-Trichlorobenzene	180	12.665	12.665	0.000	91	3844	1.00	1.08	
133 Hexachlorobutadiene	225	12.751	12.757	-0.006	95	2361	1.00	1.01	
134 Naphthalene	128	12.860	12.861	-0.001	98	4993	1.00	1.04	
135 1,2,3-Trichlorobenzene	180	13.043	13.037	0.006	94	3028	1.00	1.07	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		2.00	2.16	
S 137 Xylenes, Total	100				0		2.00	1.98	
S 139 1,3-Dichloropropene, Total	1				0		2.00	2.09	
S 140 Total BTEX	1				0		5.00	5.27	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

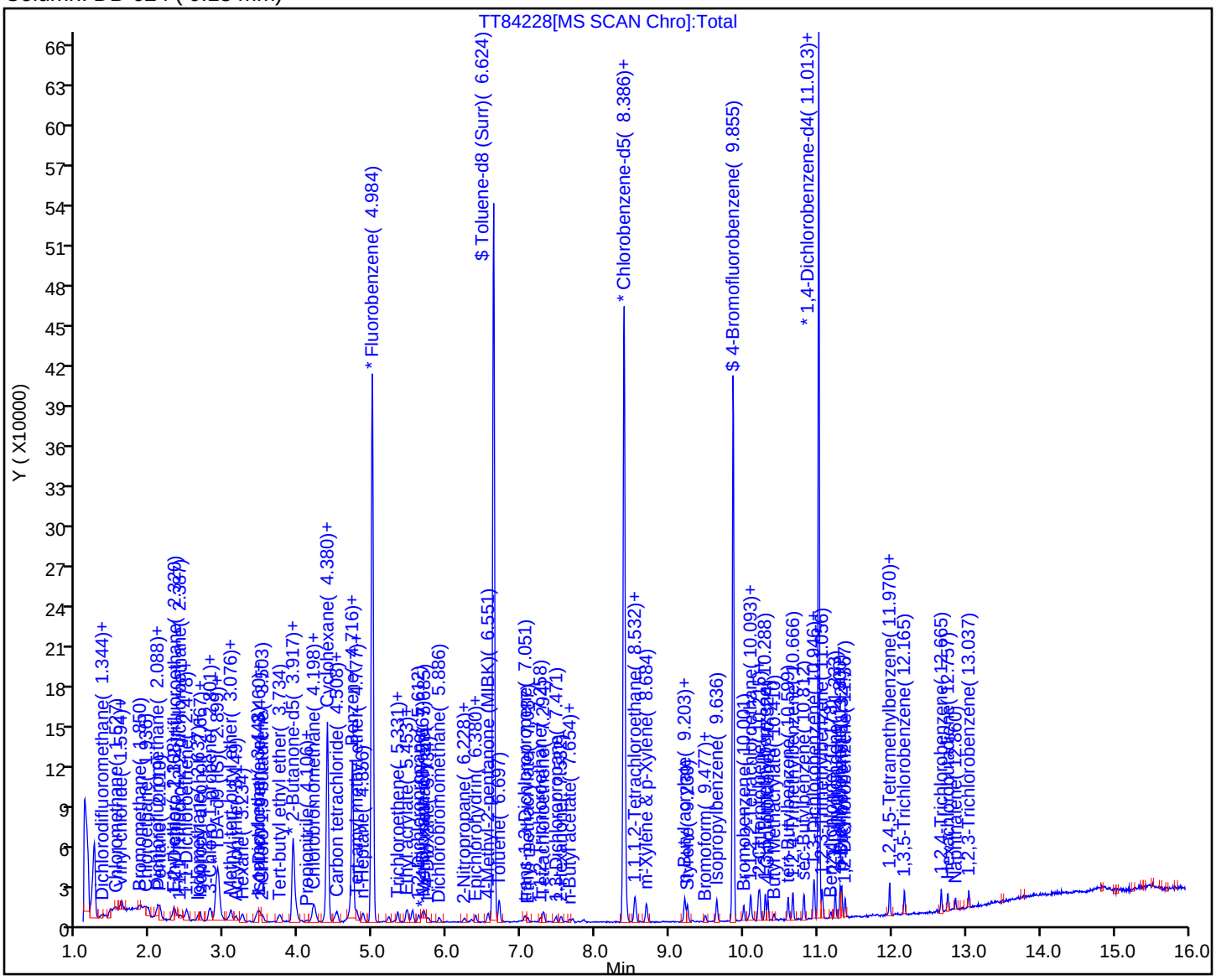
Reagents:

524FREONS_00023	Amount Added:	10.00	Units: uL	
ACROLEIN W_00172	Amount Added:	4.00	Units: uL	
8260MIX1COMB_00192	Amount Added:	10.00	Units: uL	
14DIOXINTER_00172	Amount Added:	30.00	Units: uL	
GASES Li_00598	Amount Added:	10.00	Units: uL	
VOA6IS/SURR_00075	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 21-Aug-2024 20:46:52 Chrom Revision: 2.3 16-Jul-2024 14:17:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240820-179823.b\TT84228.D
Injection Date: 20-Aug-2024 18:48:30 Instrument ID: CVOAMS17
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm)



9/9/2024
1:05:41 PM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240820-179823.b\TT84229.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 20-Aug-2024 19:07:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0179823-006
Operator ID: Instrument ID: CVOAMS17
Sublist: chrom-8260W_17*sub11

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240820-179823.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Aug-2024 20:47:06 Calib Date: 20-Aug-2024 20:26:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240820-179823.b\TT84233.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1634

First Level Reviewer: FK2C Date: 21-Aug-2024 06:52:38

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.253	1.265	-0.012	27	243	5.00	1.34	a
2 1,1-Difluoroethane	65	1.332	1.332	0.000	92	6673	5.00	5.08	
3 Chlorotrifluoroethene	116	1.345	1.338	0.007	58	3442	5.00	4.54	
4 Dichlorodifluoromethane	85	1.375	1.381	-0.006	98	23202	5.00	5.33	
5 Chlorodifluoromethane	67	1.393	1.387	0.006	95	3062	5.00	6.02	
6 Chloromethane	50	1.527	1.521	0.006	99	21748	5.00	5.76	
7 Vinyl chloride	62	1.601	1.601	0.000	97	18344	5.00	5.40	
8 Butadiene	54	1.607	1.607	0.000	95	18096	5.00	5.17	
9 Bromomethane	94	1.857	1.857	0.000	99	12161	5.00	5.50	
10 Chloroethane	64	1.936	1.924	0.012	98	10331	5.00	5.37	
11 Dichlorofluoromethane	67	2.088	2.088	0.000	98	27796	5.00	5.37	
12 Trichlorofluoromethane	101	2.094	2.094	0.000	84	19090	5.00	5.37	
13 Pentane	72	2.131	2.125	0.006	97	4435	10.0	9.42	
14 Ethanol	46	2.289	2.271	0.018	78	1220	200.0	216.9	
15 Ethyl ether	74	2.296	2.289	0.007	93	6134	5.00	5.24	
16 2-Methyl-1,3-butadiene	53	2.326	2.320	0.006	96	11644	5.00	4.83	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.363	2.356	0.007	80	10875	5.00	4.69	M
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.411	2.405	0.006	84	18213	5.00	4.90	
19 Acrolein	56	2.454	2.454	0.000	68	4103	20.0	22.2	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.472	2.478	-0.006	87	11788	5.00	4.81	
21 1,1-Dichloroethene	96	2.491	2.491	0.000	98	12496	5.00	5.02	
22 Acetone	43	2.570	2.564	0.006	85	6906	25.0	24.9	
23 Iodomethane	142	2.637	2.631	0.006	96	22411	5.00	5.32	
25 Isopropyl alcohol	45	2.643	2.655	-0.012	26	3509	50.0	51.4	a
24 Carbon disulfide	76	2.667	2.667	0.000	99	47309	5.00	5.01	
26 3-Chloro-1-propene	76	2.789	2.789	0.000	90	8530	5.00	5.33	
27 Methyl acetate	43	2.795	2.795	0.000	57	10907	10.0	12.5	
28 Cyclopentene	67	2.808	2.808	0.000	93	28182	5.00	4.82	
29 Acetonitrile	41	2.844	2.844	0.000	97	6928	50.0	52.4	a
* 31 TBA-d9 (IS)	66	2.911	2.905	0.006	0	13191	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	2.911	2.905	0.006	95	13898	5.00	5.33	
32 2-Methyl-2-propanol	59	2.954	2.966	-0.012	92	5844	50.0	54.7	
33 Methyl tert-butyl ether	73	3.064	3.058	0.006	98	25946	5.00	5.46	
34 trans-1,2-Dichloroethene	96	3.088	3.082	0.006	95	13845	5.00	5.21	
35 Acrylonitrile	53	3.149	3.149	0.000	96	21588	50.0	54.5	
36 Hexane	57	3.247	3.240	0.007	92	18680	5.00	4.86	
37 Isopropyl ether	45	3.429	3.429	0.000	97	41004	5.00	5.39	
38 1,1-Dichloroethane	63	3.466	3.466	0.000	98	23919	5.00	5.33	
39 Vinyl acetate	86	3.478	3.478	0.000	98	1798	10.0	9.21	
40 2-Chloro-1,3-butadiene	88	3.503	3.509	-0.006	90	10969	5.00	4.93	
41 Tert-butyl ethyl ether	59	3.740	3.740	0.000	88	33711	5.00	5.29	
* 42 2-Butanone-d5	46	3.923	3.923	0.000	0	85905	250.0	250.0	
43 2,2-Dichloropropane	97	3.942	3.948	-0.006	69	4240	5.00	4.96	
44 cis-1,2-Dichloroethene	96	3.966	3.960	0.006	95	14043	5.00	5.22	
45 2-Butanone (MEK)	72	3.972	3.972	0.000	96	2739	25.0	25.1	
46 Ethyl acetate	70	3.978	3.984	-0.006	86	1363	10.0	9.76	
47 Methyl acrylate	55	4.027	4.027	0.000	98	5942	5.00	5.29	
48 Propionitrile	54	4.106	4.100	0.006	98	7284	50.0	52.7	
49 Chlorobromomethane	128	4.179	4.173	0.006	88	5484	5.00	5.40	
50 Tetrahydrofuran	72	4.179	4.179	0.000	47	1507	10.0	11.4	
51 Methacrylonitrile	67	4.198	4.198	0.000	90	24969	50.0	54.9	
52 Chloroform	83	4.234	4.228	0.006	97	20752	5.00	5.26	
53 Cyclohexane	84	4.368	4.362	0.006	53	19078	5.00	4.73	
54 1,1,1-Trichloroethane	97	4.374	4.374	0.000	45	17411	5.00	5.00	
$ 55 Dibromofluoromethane (Surr)	113	4.381	4.380	0.001	98	89750	50.0	50.3	
56 Carbon tetrachloride	117	4.484	4.490	-0.006	99	13993	5.00	4.87	
57 1,1-Dichloropropene	75	4.521	4.515	0.006	98	15769	5.00	4.86	
58 Isobutyl alcohol	43	4.643	4.637	0.006	79	4410	125.0	109.5	
59 Isooctane	57	4.679	4.679	0.000	98	44435	5.00	4.77	
60 Benzene	78	4.710	4.704	0.006	94	53238	5.00	5.22	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.722	4.722	0.000	0	75489	50.0	47.4	
62 Tert-amyl methyl ether	73	4.777	4.771	0.006	95	29105	5.00	5.47	
63 Isopropyl acetate	61	4.771	4.777	-0.006	80	4117	5.00	5.76	
64 1,2-Dichloroethane	62	4.789	4.795	-0.006	95	10566	5.00	5.28	
65 n-Heptane	100	4.862	4.868	-0.006	91	3108	5.00	4.76	
* 66 Fluorobenzene	96	4.990	4.990	0.000	99	406260	50.0	50.0	
67 n-Butanol	56	5.289	5.289	0.000	84	3816	125.0	132.8	
68 Trichloroethene	95	5.332	5.332	0.000	99	11804	5.00	4.93	
70 Ethyl acrylate	99	5.453	5.453	0.000	93	1230	5.00	5.21	
69 Methylcyclohexane	83	5.453	5.460	-0.007	90	21248	5.00	4.66	
71 1,2-Dichloropropane	63	5.618	5.612	0.006	92	12363	5.00	5.24	
* 72 1,4-Dioxane-d8	96	5.661	5.667	-0.006	0	9073	1000.0	1000.0	M
73 Methyl methacrylate	100	5.691	5.697	-0.006	91	3327	10.0	10.8	
75 1,4-Dioxane	88	5.716	5.722	-0.006	41	1110	100.0	105.6	
74 Dibromomethane	93	5.734	5.740	-0.006	93	4680	5.00	5.26	
76 n-Propyl acetate	43	5.752	5.752	0.000	98	7138	5.00	5.17	
77 Dichlorobromomethane	83	5.892	5.886	0.006	98	12392	5.00	5.21	
78 2-Nitropropane	41	6.228	6.222	0.006	72	2643	10.0	12.5	
79 2-Chloroethyl vinyl ether	63	6.228	6.222	0.006	85	4199	5.01	5.04	
80 Epichlorohydrin	57	6.331	6.325	0.006	98	9319	100.0	105.0	
81 cis-1,3-Dichloropropene	75	6.380	6.380	0.000	91	16626	5.00	5.21	
82 4-Methyl-2-pentanone (MIBK)	58	6.551	6.545	0.006	96	10588	25.0	25.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	6.624	6.624	0.000	100	384184	50.0	49.6	
84 Toluene	91	6.703	6.697	0.006	95	54144	5.00	5.11	
85 trans-1,3-Dichloropropene	75	7.051	7.045	0.006	97	12016	5.00	5.15	
86 Ethyl methacrylate	69	7.087	7.087	0.000	89	8879	5.00	4.97	
87 1,1,2-Trichloroethane	83	7.258	7.258	0.000	95	6323	5.00	5.32	
88 Tetrachloroethene	166	7.295	7.301	-0.006	96	11819	5.00	4.80	
89 1,3-Dichloropropane	76	7.465	7.465	0.000	94	12035	5.00	5.30	
90 2-Hexanone	43	7.532	7.532	0.000	97	16440	25.0	26.2	
91 n-Butyl acetate	43	7.648	7.648	0.000	98	8013	5.00	4.90	
92 Chlorodibromomethane	129	7.691	7.691	0.000	97	7055	5.00	5.00	
93 Ethylene Dibromide	107	7.837	7.843	-0.006	99	6183	5.00	5.18	
* 94 Chlorobenzene-d5	117	8.386	8.386	0.000	86	283361	50.0	50.0	
95 Chlorobenzene	112	8.422	8.422	0.000	95	31846	5.00	5.14	
96 Ethylbenzene	106	8.532	8.532	0.000	98	18941	5.00	5.19	
97 1,1,1,2-Tetrachloroethane	131	8.544	8.544	0.000	97	9761	5.00	4.79	
98 m-Xylene & p-Xylene	106	8.691	8.685	0.006	0	23384	5.00	5.25	
100 n-Butyl acrylate	73	9.203	9.203	0.000	48	5062	5.00	4.74	
99 o-Xylene	106	9.203	9.203	0.000	94	22640	5.00	5.16	
101 Styrene	104	9.239	9.239	0.000	95	34804	5.00	5.15	
102 Bromoform	173	9.483	9.483	0.000	57	3771	5.00	4.81	
103 Amyl acetate (mixed isomers)	43	9.483	9.483	0.000	88	11020	5.00	4.82	
104 Isopropylbenzene	105	9.636	9.636	0.000	95	53435	5.00	5.12	
$ 105 4-Bromofluorobenzene	174	9.861	9.855	0.006	96	115863	50.0	50.8	
106 Bromobenzene	156	10.001	10.001	0.000	98	12582	5.00	5.17	
107 1,1,2,2-Tetrachloroethane	83	10.062	10.062	0.000	98	7536	5.00	5.12	
108 N-Propylbenzene	91	10.093	10.093	0.000	99	69950	5.00	5.21	
109 1,2,3-Trichloropropane	110	10.111	10.111	0.000	95	2166	5.00	5.75	
110 trans-1,4-Dichloro-2-butene	53	10.142	10.135	0.007	64	1450	5.00	5.16	
111 2-Chlorotoluene	91	10.203	10.203	0.000	96	48054	5.00	5.28	
112 4-Ethyltoluene	105	10.221	10.221	0.000	98	57604	5.00	5.21	
113 1,3,5-Trimethylbenzene	105	10.294	10.294	0.000	93	46587	5.00	5.04	
114 4-Chlorotoluene	91	10.324	10.324	0.000	97	42774	5.00	5.24	
115 Butyl Methacrylate	87	10.410	10.410	0.000	88	9209	5.00	2.92	
116 tert-Butylbenzene	119	10.599	10.599	0.000	94	37342	5.00	4.95	
117 1,2,4-Trimethylbenzene	105	10.660	10.666	-0.006	97	49953	5.00	5.14	
118 sec-Butylbenzene	105	10.812	10.812	0.000	99	60125	5.00	5.00	
119 1,3-Dichlorobenzene	146	10.940	10.940	0.000	97	27274	5.00	5.40	
120 4-Isopropyltoluene	119	10.952	10.952	0.000	98	52868	5.00	5.13	
* 121 1,4-Dichlorobenzene-d4	152	11.013	11.013	0.000	95	145416	50.0	50.0	
122 1,4-Dichlorobenzene	146	11.032	11.032	0.000	95	25115	5.00	5.10	
123 1,2,3-Trimethylbenzene	105	11.062	11.062	0.000	98	52394	5.00	5.34	
124 Benzyl chloride	91	11.172	11.172	0.000	99	12984	5.00	4.97	
125 2,3-Dihydroindene	117	11.233	11.233	0.000	95	46280	5.00	5.38	
126 p-Diethylbenzene	119	11.300	11.300	0.000	93	32773	5.00	5.17	
127 n-Butylbenzene	92	11.324	11.324	0.000	98	28829	5.00	5.08	
128 1,2-Dichlorobenzene	146	11.367	11.367	0.000	96	23068	5.00	5.14	
129 1,2,4,5-Tetramethylbenzene	119	11.971	11.970	0.000	98	49535	5.00	5.18	
130 1,2-Dibromo-3-Chloropropane	155	12.056	12.050	0.006	93	992	5.00	5.35	
131 1,3,5-Trichlorobenzene	180	12.172	12.172	0.000	98	23396	5.00	5.32	
132 1,2,4-Trichlorobenzene	180	12.665	12.665	0.000	93	18048	5.00	5.12	
133 Hexachlorobutadiene	225	12.757	12.757	0.000	97	11196	5.00	4.83	
134 Naphthalene	128	12.861	12.861	0.000	99	24858	5.00	5.22	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	13.037	13.037	0.000	94	14040	5.00	4.99	
S 136 1,2-Dichloroethene, Total	100				0		10.0	10.4	
S 137 Xylenes, Total	100				0		10.0	10.4	
S 139 1,3-Dichloropropene, Total	1				0		10.0	10.4	
S 140 Total BTEX	1				0		25.0	25.9	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

524FREONS_00023	Amount Added:	10.00	Units: uL	
ACROLEIN W_00172	Amount Added:	4.00	Units: uL	
8260MIX1COMB_00192	Amount Added:	10.00	Units: uL	
GASES Li_00598	Amount Added:	10.00	Units: uL	
VOA6IS/SURR_00075	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 21-Aug-2024 20:47:07 Chrom Revision: 2.3 16-Jul-2024 14:17:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240820-179823.b\TT84229.D

Injection Date: 20-Aug-2024 19:07:30 Instrument ID: CVOAMS17

Lims ID: STD5

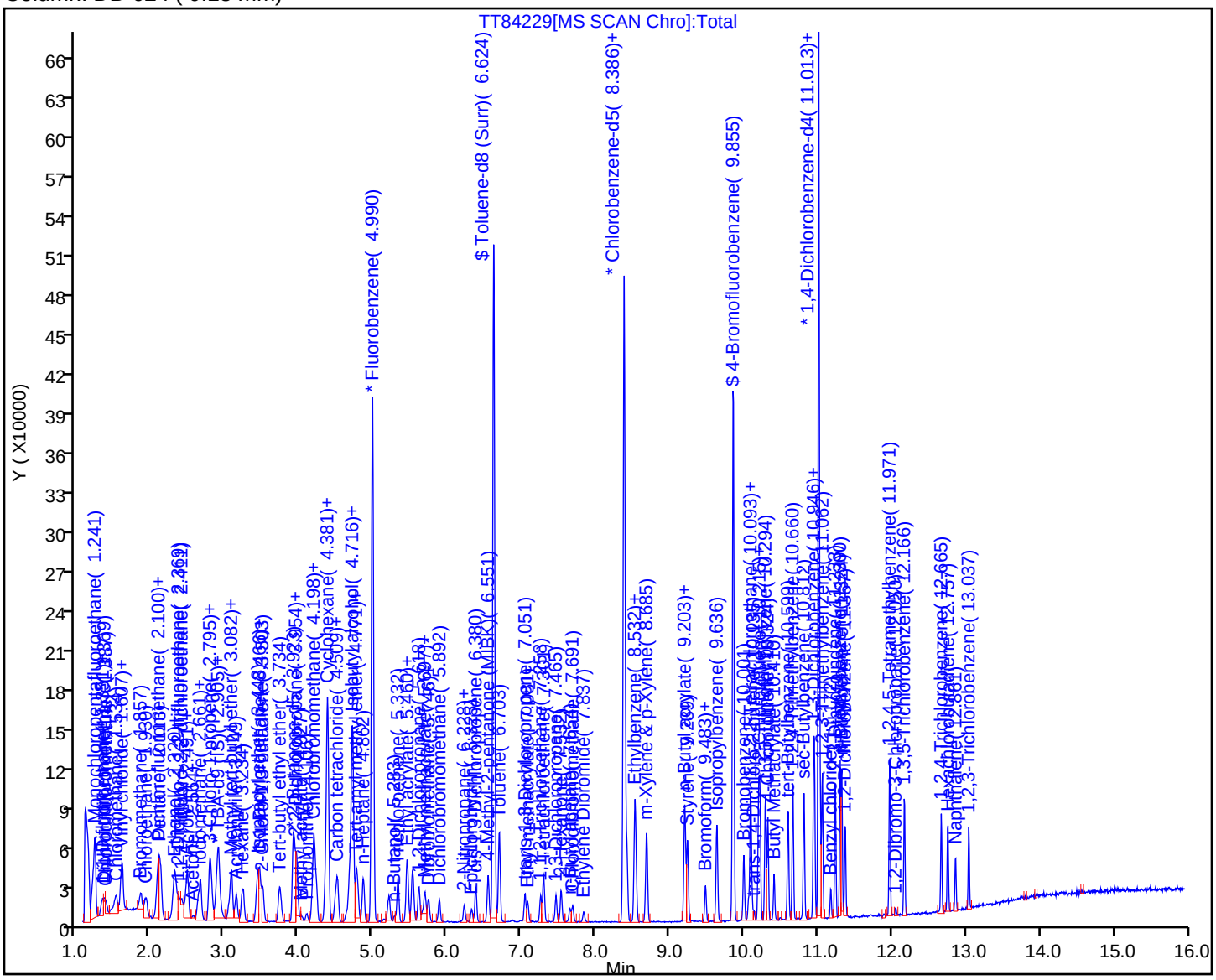
Client ID:

Operator ID: ALS Bottle#: 5 Worklist Smp#: 6

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



9/9/2024
1:05:41 PM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240820-179823.b\TT84230.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 4
Inject. Date: 20-Aug-2024 19:27:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0179823-007
Operator ID: Instrument ID: CVOAMS17
Sublist: chrom-8260W_17*sub11

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240820-179823.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Aug-2024 20:47:20 Calib Date: 20-Aug-2024 20:26:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240820-179823.b\TT84233.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1634

First Level Reviewer: FK2C Date: 21-Aug-2024 06:43:30

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1	Monochloropentafluoroethane	119	1.265	1.265	0.000	27	1706	20.0	16.2	M
2	1,1-Difluoroethane	65	1.332	1.332	0.000	95	27665	20.0	20.2	
3	Chlorotrifluoroethene	116	1.338	1.338	0.000	62	16760	20.0	21.2	
4	Dichlorodifluoromethane	85	1.381	1.381	0.000	99	96445	20.0	21.2	
5	Chlorodifluoromethane	67	1.387	1.387	0.000	96	10537	20.0	19.8	
6	Chloromethane	50	1.521	1.521	0.000	100	81887	20.0	20.8	
7	Vinyl chloride	62	1.601	1.601	0.000	85	73557	20.0	20.7	
8	Butadiene	54	1.607	1.607	0.000	95	74809	20.0	20.5	
9	Bromomethane	94	1.857	1.857	0.000	99	48542	20.0	21.0	
10	Chloroethane	64	1.924	1.924	0.000	99	40347	20.0	20.1	
11	Dichlorofluoromethane	67	2.088	2.088	0.000	98	110126	20.0	20.4	
12	Trichlorofluoromethane	101	2.094	2.094	0.000	97	76334	20.0	20.5	
13	Pentane	72	2.125	2.125	0.000	96	22042	40.0	44.8	
14	Ethanol	46	2.271	2.271	0.000	90	4853	800.0	905.1	
15	Ethyl ether	74	2.289	2.289	0.000	94	23210	20.0	21.3	
16	2-Methyl-1,3-butadiene	53	2.320	2.320	0.000	95	53546	20.0	21.3	
17	1,2-Dichloro-1,1,2-trifluoroetha	117	2.356	2.356	0.000	95	50491	20.0	20.9	
18	1,1,1-Trifluoro-2,2-dichloroetha	83	2.405	2.405	0.000	96	81389	20.0	21.0	
19	Acrolein	56	2.454	2.454	0.000	95	7621	40.0	39.5	
20	1,1,2-Trichloro-1,2,2-trifluoroe	101	2.478	2.478	0.000	93	56897	20.0	22.2	
21	1,1-Dichloroethene	96	2.491	2.491	0.000	98	55117	20.0	21.2	
22	Acetone	43	2.564	2.564	0.000	89	25242	100.0	89.0	
23	Iodomethane	142	2.631	2.631	0.000	96	91662	20.0	20.8	
25	Isopropyl alcohol	45	2.655	2.655	0.000	26	12431	200.0	213.3	
24	Carbon disulfide	76	2.667	2.667	0.000	99	208582	20.0	21.1	
26	3-Chloro-1-propene	76	2.789	2.789	0.000	94	33913	20.0	20.3	
27	Methyl acetate	43	2.795	2.795	0.000	51	38134	40.0	41.8	
28	Cyclopentene	67	2.808	2.808	0.000	93	130481	20.0	21.4	
29	Acetonitrile	41	2.844	2.844	0.000	19	22497	200.0	166.7	a
* 31	TBA-d9 (IS)	66	2.905	2.905	0.000	0	12575	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	2.905	2.905	0.000	96	53022	20.0	19.5	
32 2-Methyl-2-propanol	59	2.966	2.966	0.000	95	19163	200.0	188.2	
33 Methyl tert-butyl ether	73	3.058	3.058	0.000	98	98648	20.0	19.9	
34 trans-1,2-Dichloroethene	96	3.082	3.082	0.000	95	57014	20.0	20.5	
35 Acrylonitrile	53	3.149	3.149	0.000	96	83602	200.0	210.8	
36 Hexane	57	3.240	3.240	0.000	92	85946	20.0	21.4	
37 Isopropyl ether	45	3.429	3.429	0.000	99	161571	20.0	20.3	
38 1,1-Dichloroethane	63	3.466	3.466	0.000	99	96726	20.0	20.6	
39 Vinyl acetate	86	3.478	3.478	0.000	100	8823	40.0	40.6	
40 2-Chloro-1,3-butadiene	88	3.509	3.509	0.000	90	48794	20.0	21.0	
41 Tert-butyl ethyl ether	59	3.740	3.740	0.000	88	133478	20.0	20.1	
* 42 2-Butanone-d5	46	3.923	3.923	0.000	0	87706	250.0	250.0	
43 2,2-Dichloropropane	97	3.948	3.948	0.000	94	18204	20.0	20.4	
44 cis-1,2-Dichloroethene	96	3.960	3.960	0.000	97	58145	20.0	20.7	
45 2-Butanone (MEK)	72	3.972	3.972	0.000	96	11079	100.0	99.4	
46 Ethyl acetate	70	3.984	3.984	0.000	94	5026	40.0	41.8	
47 Methyl acrylate	55	4.027	4.027	0.000	98	21754	20.0	20.2	
48 Propionitrile	54	4.100	4.100	0.000	98	27216	200.0	206.7	
49 Chlorobromomethane	128	4.173	4.173	0.000	92	21209	20.0	20.0	
50 Tetrahydrofuran	72	4.179	4.179	0.000	47	5347	40.0	39.5	
51 Methacrylonitrile	67	4.198	4.198	0.000	90	94408	200.0	198.9	
52 Chloroform	83	4.228	4.228	0.000	99	82474	20.0	20.0	
53 Cyclohexane	84	4.362	4.362	0.000	90	90540	20.0	21.5	
54 1,1,1-Trichloroethane	97	4.374	4.374	0.000	87	76314	20.0	21.0	
$ 55 Dibromofluoromethane (Surr)	113	4.380	4.380	0.000	98	93245	50.0	50.1	
56 Carbon tetrachloride	117	4.490	4.490	0.000	98	62544	20.0	20.8	
57 1,1-Dichloropropene	75	4.515	4.515	0.000	97	69642	20.0	20.6	
58 Isobutyl alcohol	43	4.637	4.637	0.000	89	15194	500.0	396.0	a
59 Isooctane	57	4.679	4.679	0.000	98	204034	20.0	21.0	
60 Benzene	78	4.704	4.704	0.000	97	212779	20.0	20.4	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.722	4.722	0.000	0	79839	50.0	48.0	
62 Tert-amyl methyl ether	73	4.771	4.771	0.000	89	110809	20.0	20.0	
63 Isopropyl acetate	61	4.777	4.777	0.000	78	15040	20.0	20.1	
64 1,2-Dichloroethane	62	4.795	4.795	0.000	96	41299	20.0	19.8	
65 n-Heptane	100	4.868	4.868	0.000	92	13945	20.0	20.4	
* 66 Fluorobenzene	96	4.990	4.990	0.000	99	424272	50.0	50.0	
67 n-Butanol	56	5.289	5.289	0.000	86	12837	500.0	521.6	
68 Trichloroethene	95	5.332	5.332	0.000	99	50740	20.0	20.3	
70 Ethyl acrylate	99	5.453	5.453	0.000	92	5874	20.0	22.1	
69 Methylcyclohexane	83	5.460	5.460	0.000	91	103673	20.0	21.8	
71 1,2-Dichloropropane	63	5.612	5.612	0.000	95	49829	20.0	20.2	
* 72 1,4-Dioxane-d8	96	5.667	5.667	0.000	0	8603	1000.0	1000.0	
73 Methyl methacrylate	100	5.697	5.697	0.000	89	13080	40.0	40.7	
75 1,4-Dioxane	88	5.722	5.722	0.000	28	4058	400.0	407.1	M
74 Dibromomethane	93	5.740	5.740	0.000	95	18353	20.0	19.7	
76 n-Propyl acetate	43	5.752	5.752	0.000	97	27721	20.0	19.2	
77 Dichlorobromomethane	83	5.886	5.886	0.000	99	48099	20.0	19.4	
78 2-Nitropropane	41	6.222	6.222	0.000	74	7854	40.0	35.5	
79 2-Chloroethyl vinyl ether	63	6.222	6.222	0.000	85	16891	20.0	19.4	
80 Epichlorohydrin	57	6.325	6.325	0.000	99	35506	400.0	414.8	
81 cis-1,3-Dichloropropene	75	6.380	6.380	0.000	91	64750	20.0	19.8	
82 4-Methyl-2-pentanone (MIBK)	58	6.545	6.545	0.000	96	42794	100.0	101.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	6.624	6.624	0.000	100	396002	50.0	49.9	
84 Toluene	91	6.697	6.697	0.000	93	215826	20.0	19.9	
85 trans-1,3-Dichloropropene	75	7.045	7.045	0.000	97	46692	20.0	19.5	
86 Ethyl methacrylate	69	7.087	7.087	0.000	89	36324	20.0	19.9	
87 1,1,2-Trichloroethane	83	7.258	7.258	0.000	96	24672	20.0	20.3	
88 Tetrachloroethene	166	7.301	7.301	0.000	97	51749	20.0	20.5	
89 1,3-Dichloropropane	76	7.465	7.465	0.000	93	46206	20.0	19.9	
90 2-Hexanone	43	7.532	7.532	0.000	95	63907	100.0	99.9	
91 n-Butyl acetate	43	7.648	7.648	0.000	98	32583	20.0	19.4	
92 Chlorodibromomethane	129	7.691	7.691	0.000	98	28513	20.0	19.8	
93 Ethylene Dibromide	107	7.843	7.843	0.000	97	24261	20.0	19.9	
* 94 Chlorobenzene-d5	117	8.386	8.386	0.000	86	290051	50.0	50.0	
95 Chlorobenzene	112	8.422	8.422	0.000	95	129803	20.0	20.5	
96 Ethylbenzene	106	8.532	8.532	0.000	98	76163	20.0	20.4	
97 1,1,1,2-Tetrachloroethane	131	8.544	8.544	0.000	96	41502	20.0	19.9	
98 m-Xylene & p-Xylene	106	8.685	8.685	0.000	0	93859	20.0	20.6	
100 n-Butyl acrylate	73	9.203	9.203	0.000	96	21353	20.0	19.5	
99 o-Xylene	106	9.203	9.203	0.000	95	93258	20.0	20.8	
101 Styrene	104	9.239	9.239	0.000	97	139650	20.0	20.2	
102 Bromoform	173	9.483	9.483	0.000	56	15409	20.0	19.2	
103 Amyl acetate (mixed isomers)	43	9.483	9.483	0.000	90	46255	20.0	19.4	
104 Isopropylbenzene	105	9.636	9.636	0.000	96	220104	20.0	20.6	
$ 105 4-Bromofluorobenzene	174	9.855	9.855	0.000	92	119651	50.0	51.2	
106 Bromobenzene	156	10.001	10.001	0.000	99	50965	20.0	20.0	
107 1,1,2,2-Tetrachloroethane	83	10.062	10.062	0.000	99	28812	20.0	18.7	
108 N-Propylbenzene	91	10.093	10.093	0.000	99	287810	20.0	20.5	
109 1,2,3-Trichloropropane	110	10.111	10.111	0.000	97	7711	20.0	19.6	
110 trans-1,4-Dichloro-2-butene	53	10.135	10.135	0.000	63	5759	20.0	18.2	a
111 2-Chlorotoluene	91	10.203	10.203	0.000	97	190811	20.0	20.1	
112 4-Ethyltoluene	105	10.221	10.221	0.000	97	237123	20.0	20.5	
113 1,3,5-Trimethylbenzene	105	10.294	10.294	0.000	93	194611	20.0	20.1	
114 4-Chlorotoluene	91	10.324	10.324	0.000	97	171659	20.0	20.1	
115 Butyl Methacrylate	87	10.410	10.410	0.000	89	48747	20.0	14.8	
116 tert-Butylbenzene	119	10.599	10.599	0.000	95	157578	20.0	20.0	
117 1,2,4-Trimethylbenzene	105	10.666	10.666	0.000	97	204770	20.0	20.1	
118 sec-Butylbenzene	105	10.812	10.812	0.000	99	259586	20.0	20.6	
119 1,3-Dichlorobenzene	146	10.940	10.940	0.000	96	104923	20.0	19.9	
120 4-Isopropyltoluene	119	10.952	10.952	0.000	98	219180	20.0	20.3	
* 121 1,4-Dichlorobenzene-d4	152	11.013	11.013	0.000	95	152106	50.0	50.0	
122 1,4-Dichlorobenzene	146	11.032	11.032	0.000	95	103344	20.0	20.1	
123 1,2,3-Trimethylbenzene	105	11.062	11.062	0.000	98	208110	20.0	20.3	
124 Benzyl chloride	91	11.172	11.172	0.000	99	53438	20.0	19.6	
125 2,3-Dihydroindene	117	11.233	11.233	0.000	95	181480	20.0	20.2	
126 p-Diethylbenzene	119	11.300	11.300	0.000	94	135999	20.0	20.5	
127 n-Butylbenzene	92	11.324	11.324	0.000	98	119364	20.0	20.1	
128 1,2-Dichlorobenzene	146	11.367	11.367	0.000	98	94693	20.0	20.2	
129 1,2,4,5-Tetramethylbenzene	119	11.970	11.970	0.000	98	204158	20.0	20.4	
130 1,2-Dibromo-3-Chloropropane	155	12.050	12.050	0.000	96	3671	20.0	18.9	
131 1,3,5-Trichlorobenzene	180	12.172	12.172	0.000	97	93307	20.0	20.3	
132 1,2,4-Trichlorobenzene	180	12.665	12.665	0.000	93	72975	20.0	19.8	
133 Hexachlorobutadiene	225	12.757	12.757	0.000	98	49528	20.0	20.4	
134 Naphthalene	128	12.861	12.861	0.000	100	95983	20.0	19.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	13.037	13.037	0.000	95	57885	20.0	19.7	
S 136 1,2-Dichloroethene, Total	100				0		40.0	41.2	
S 137 Xylenes, Total	100				0		40.0	41.3	
S 139 1,3-Dichloropropene, Total	1				0		40.0	39.4	
S 140 Total BTEX	1				0		100.0	102.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

524FREONS_00023	Amount Added:	20.00	Units: uL	
ACROLEIN W_00172	Amount Added:	4.00	Units: uL	
8260MIX1COMB_00192	Amount Added:	20.00	Units: uL	
GASES Li_00598	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00075	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 21-Aug-2024 20:47:21 Chrom Revision: 2.3 16-Jul-2024 14:17:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240820-179823.b\TT84230.D

Injection Date: 20-Aug-2024 19:27:30 Instrument ID: CVOAMS17

Lims ID: STD20

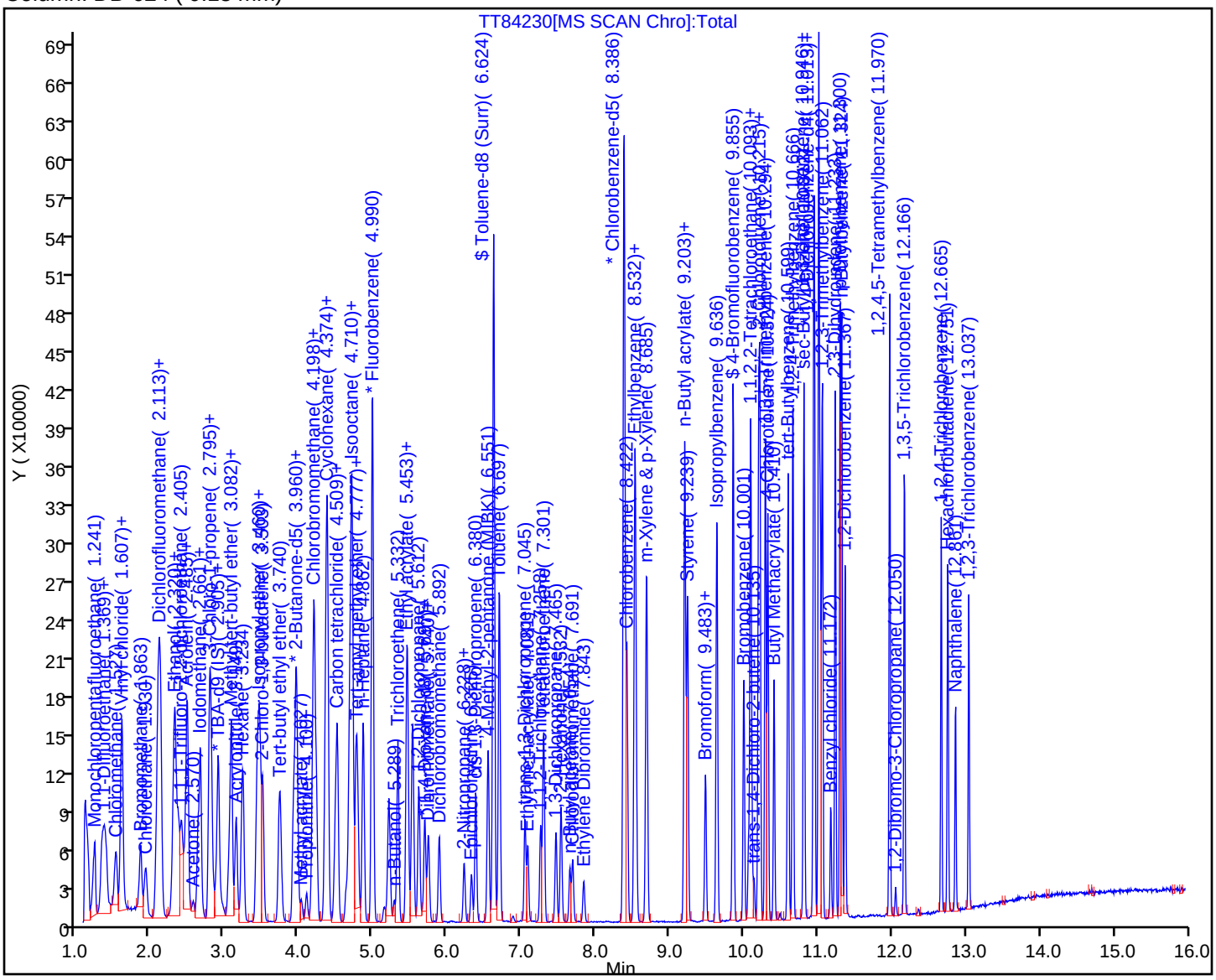
Client ID:

Operator ID: ALS Bottle#: 6 Worklist Smp#: 7

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240820-179823.b\TT84231.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 20-Aug-2024 19:47:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0179823-008
Operator ID: Instrument ID: CVOAMS17
Sublist: chrom-8260W_17*sub11

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240820-179823.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Aug-2024 20:47:28 Calib Date: 20-Aug-2024 20:26:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240820-179823.b\TT84233.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1634

First Level Reviewer: FK2C Date: 21-Aug-2024 06:44:50

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.247	1.265	-0.018	27	3249	50.0	34.2	M
2 1,1-Difluoroethane	65	1.332	1.332	0.000	98	64827	50.0	50.3	
3 Chlorotrifluoroethene	116	1.332	1.338	-0.006	59	39180	50.0	52.6	a
4 Dichlorodifluoromethane	85	1.363	1.381	-0.018	99	223912	50.0	52.5	
5 Chlorodifluoromethane	67	1.381	1.387	-0.006	98	21888	50.0	43.8	
6 Chloromethane	50	1.521	1.521	0.000	99	193909	50.0	52.3	
7 Vinyl chloride	62	1.594	1.601	-0.007	97	167316	50.0	50.2	
8 Butadiene	54	1.600	1.607	-0.007	96	171221	50.0	49.9	
9 Bromomethane	94	1.856	1.857	-0.001	99	110738	50.0	51.0	
10 Chloroethane	64	1.930	1.924	0.006	99	98230	50.0	52.1	
11 Dichlorofluoromethane	67	2.082	2.088	-0.006	99	263183	50.0	51.8	
12 Trichlorofluoromethane	101	2.094	2.094	0.000	100	183725	50.0	52.6	
13 Pentane	72	2.119	2.125	-0.006	96	50113	100.0	108.5	
14 Ethanol	46	2.265	2.271	-0.006	98	10593	2000.0	1938.0	
15 Ethyl ether	74	2.295	2.289	0.006	96	51777	50.0	51.8	
16 2-Methyl-1,3-butadiene	53	2.314	2.320	-0.006	94	124172	50.0	52.5	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.356	2.356	0.000	93	117060	50.0	51.5	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.405	2.405	0.000	97	188203	50.0	51.6	
19 Acrolein	56	2.460	2.454	0.006	94	16889	100.0	93.1	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.472	2.478	-0.006	95	129466	50.0	53.8	
21 1,1-Dichloroethene	96	2.484	2.491	-0.007	99	125277	50.0	51.3	
22 Acetone	43	2.558	2.564	-0.006	88	61893	250.0	228.9	
23 Iodomethane	142	2.631	2.631	0.000	96	213830	50.0	51.7	
25 Isopropyl alcohol	45	2.649	2.655	-0.006	96	28802	500.0	495.3	
24 Carbon disulfide	76	2.661	2.667	-0.006	99	489598	50.0	52.8	
26 3-Chloro-1-propene	76	2.783	2.789	-0.006	93	81778	50.0	52.0	
27 Methyl acetate	43	2.789	2.795	-0.006	48	84932	100.0	99.0	
28 Cyclopentene	67	2.807	2.808	-0.001	92	302157	50.0	52.7	
29 Acetonitrile	41	2.838	2.844	-0.006	19	51642	500.0	401.2	a
* 31 TBA-d9 (IS)	66	2.893	2.905	-0.012	0	12819	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	2.905	2.905	0.000	94	125917	50.0	49.2	
32 2-Methyl-2-propanol	59	2.960	2.966	-0.006	98	47546	500.0	458.1	
33 Methyl tert-butyl ether	73	3.057	3.058	-0.001	97	237372	50.0	50.9	
34 trans-1,2-Dichloroethene	96	3.082	3.082	0.000	96	133307	50.0	51.1	
35 Acrylonitrile	53	3.143	3.149	-0.006	97	196722	500.0	532.8	
36 Hexane	57	3.234	3.240	-0.006	92	200972	50.0	53.3	
37 Isopropyl ether	45	3.435	3.429	0.006	96	389804	50.0	52.2	
38 1,1-Dichloroethane	63	3.460	3.466	-0.006	99	228765	50.0	51.9	
39 Vinyl acetate	86	3.472	3.478	-0.006	100	21786	100.0	103.6	
40 2-Chloro-1,3-butadiene	88	3.502	3.509	-0.007	90	114274	50.0	52.3	
41 Tert-butyl ethyl ether	59	3.734	3.740	-0.006	88	326087	50.0	52.2	
* 42 2-Butanone-d5	46	3.917	3.923	-0.006	0	83646	250.0	250.0	
43 2,2-Dichloropropane	97	3.948	3.948	0.000	95	42204	50.0	50.3	
44 cis-1,2-Dichloroethene	96	3.960	3.960	0.000	98	133935	50.0	50.7	
45 2-Butanone (MEK)	72	3.972	3.972	0.000	96	26808	250.0	252.2	
46 Ethyl acetate	70	3.972	3.984	-0.012	95	12005	100.0	108.4	
47 Methyl acrylate	55	4.027	4.027	0.000	100	50621	50.0	50.9	
48 Propionitrile	54	4.100	4.100	0.000	99	65400	500.0	487.3	
49 Chlorobromomethane	128	4.173	4.173	0.000	92	48305	50.0	48.5	
50 Tetrahydrofuran	72	4.173	4.179	-0.006	46	13154	100.0	101.9	a
51 Methacrylonitrile	67	4.197	4.198	-0.001	91	226009	500.0	506.8	
52 Chloroform	83	4.228	4.228	0.000	99	195956	50.0	50.6	
53 Cyclohexane	84	4.356	4.362	-0.006	91	212322	50.0	53.7	
54 1,1,1-Trichloroethane	97	4.374	4.374	0.000	98	175032	50.0	51.3	
$ 55 Dibromofluoromethane (Surr)	113	4.380	4.380	0.000	97	85687	50.0	49.0	
56 Carbon tetrachloride	117	4.490	4.490	0.000	99	146049	50.0	51.8	
57 1,1-Dichloropropene	75	4.514	4.515	-0.001	97	167653	50.0	52.7	
58 Isobutyl alcohol	43	4.630	4.637	-0.007	69	51516	1250.0	1319.2	a
59 Isooctane	57	4.679	4.679	0.000	99	492121	50.0	53.8	
60 Benzene	78	4.703	4.704	-0.001	96	505749	50.0	50.9	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.722	4.722	0.000	0	76821	50.0	49.1	
62 Tert-amyl methyl ether	73	4.771	4.771	0.000	89	266667	50.0	51.1	
63 Isopropyl acetate	61	4.777	4.777	0.000	81	35705	50.0	50.9	
64 1,2-Dichloroethane	62	4.789	4.795	-0.006	96	98030	50.0	49.9	
65 n-Heptane	100	4.862	4.868	-0.006	93	31673	50.0	49.4	
* 66 Fluorobenzene	96	4.984	4.990	-0.006	99	398706	50.0	50.0	
67 n-Butanol	56	5.283	5.289	-0.006	86	31886	1250.0	1301.1	
68 Trichloroethene	95	5.331	5.332	-0.001	99	120676	50.0	51.4	
70 Ethyl acrylate	99	5.453	5.453	0.000	91	12762	50.0	50.3	a
69 Methylcyclohexane	83	5.453	5.460	-0.007	90	241721	50.0	54.0	
71 1,2-Dichloropropane	63	5.612	5.612	0.000	94	118099	50.0	51.0	
* 72 1,4-Dioxane-d8	96	5.673	5.667	0.006	0	7421	1000.0	1000.0	
73 Methyl methacrylate	100	5.697	5.697	0.000	90	31402	100.0	103.9	
75 1,4-Dioxane	88	5.722	5.722	0.000	85	10255	1000.0	1192.7	
74 Dibromomethane	93	5.740	5.740	0.000	97	44104	50.0	50.5	
76 n-Propyl acetate	43	5.752	5.752	0.000	99	67802	50.0	50.1	
77 Dichlorobromomethane	83	5.886	5.886	0.000	100	116815	50.0	50.0	
78 2-Nitropropane	41	6.221	6.222	-0.001	74	19740	100.0	94.9	
79 2-Chloroethyl vinyl ether	63	6.228	6.222	0.006	88	40958	50.1	50.1	
80 Epichlorohydrin	57	6.325	6.325	0.000	99	87845	1000.0	1089.4	
81 cis-1,3-Dichloropropene	75	6.380	6.380	0.000	91	160022	50.0	51.4	
82 4-Methyl-2-pentanone (MIBK)	58	6.545	6.545	0.000	96	106053	250.0	264.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	6.624	6.624	0.000	99	376088	50.0	49.8	
84 Toluene	91	6.697	6.697	0.000	94	512688	50.0	49.7	
85 trans-1,3-Dichloropropene	75	7.044	7.045	-0.001	96	115532	50.0	50.8	
86 Ethyl methacrylate	69	7.087	7.087	0.000	88	94124	50.0	54.1	
87 1,1,2-Trichloroethane	83	7.258	7.258	0.000	97	57979	50.0	50.1	
88 Tetrachloroethene	166	7.301	7.301	0.000	98	121129	50.0	50.5	
89 1,3-Dichloropropane	76	7.465	7.465	0.000	93	114033	50.0	51.5	
90 2-Hexanone	43	7.532	7.532	0.000	96	156993	250.0	257.3	
91 n-Butyl acetate	43	7.654	7.648	0.006	99	87149	50.0	54.6	
92 Chlorodibromomethane	129	7.691	7.691	0.000	99	70039	50.0	51.0	
93 Ethylene Dibromide	107	7.837	7.843	-0.006	98	59002	50.0	50.7	
* 94 Chlorobenzene-d5	117	8.386	8.386	0.000	85	276187	50.0	50.0	
95 Chlorobenzene	112	8.422	8.422	0.000	94	311507	50.0	51.6	
96 Ethylbenzene	106	8.532	8.532	0.000	98	182265	50.0	51.3	
97 1,1,1,2-Tetrachloroethane	131	8.544	8.544	0.000	96	103125	50.0	52.0	
98 m-Xylene & p-Xylene	106	8.690	8.685	0.005	0	226672	50.0	52.2	
100 n-Butyl acrylate	73	9.203	9.203	0.000	96	56943	50.0	54.7	
99 o-Xylene	106	9.203	9.203	0.000	94	223636	50.0	52.3	
101 Styrene	104	9.239	9.239	0.000	96	350699	50.0	53.2	
102 Bromoform	173	9.483	9.483	0.000	97	38179	50.0	49.9	
103 Amyl acetate (mixed isomers)	43	9.483	9.483	0.000	92	119179	50.0	53.4	
104 Isopropylbenzene	105	9.635	9.636	-0.001	96	526432	50.0	51.8	
$ 105 4-Bromofluorobenzene	174	9.855	9.855	0.000	91	110065	50.0	49.5	
106 Bromobenzene	156	10.001	10.001	0.000	99	122361	50.0	51.5	
107 1,1,2,2-Tetrachloroethane	83	10.062	10.062	0.000	98	71458	50.0	49.7	
108 N-Propylbenzene	91	10.093	10.093	0.000	99	695564	50.0	53.0	
109 1,2,3-Trichloropropane	110	10.111	10.111	0.000	97	18594	50.0	50.5	
110 trans-1,4-Dichloro-2-butene	53	10.135	10.135	0.000	94	15239	50.0	50.7	
111 2-Chlorotoluene	91	10.202	10.203	-0.001	97	461759	50.0	52.0	
112 4-Ethyltoluene	105	10.221	10.221	0.000	98	569622	50.0	52.7	
113 1,3,5-Trimethylbenzene	105	10.294	10.294	0.000	93	472192	50.0	52.3	
114 4-Chlorotoluene	91	10.324	10.324	0.000	97	412561	50.0	51.7	
115 Butyl Methacrylate	87	10.410	10.410	0.000	89	138286	50.0	45.6	
116 tert-Butylbenzene	119	10.599	10.599	0.000	94	384659	50.0	52.2	
117 1,2,4-Trimethylbenzene	105	10.660	10.666	-0.006	98	490437	50.0	51.6	
118 sec-Butylbenzene	105	10.812	10.812	0.000	99	621663	50.0	52.9	
119 1,3-Dichlorobenzene	146	10.940	10.940	0.000	96	255137	50.0	51.7	
120 4-Isopropyltoluene	119	10.952	10.952	0.000	98	527573	50.0	52.4	
* 121 1,4-Dichlorobenzene-d4	152	11.013	11.013	0.000	95	142048	50.0	50.0	
122 1,4-Dichlorobenzene	146	11.038	11.032	0.006	96	247960	50.0	51.5	
123 1,2,3-Trimethylbenzene	105	11.062	11.062	0.000	98	500717	50.0	52.3	
124 Benzyl chloride	91	11.178	11.172	0.006	99	130055	50.0	51.0	
125 2,3-Dihydroindene	117	11.233	11.233	0.000	95	437960	50.0	52.1	
126 p-Diethylbenzene	119	11.300	11.300	0.000	94	329606	50.0	53.2	
127 n-Butylbenzene	92	11.324	11.324	0.000	97	287468	50.0	51.9	
128 1,2-Dichlorobenzene	146	11.367	11.367	0.000	97	221442	50.0	50.5	
129 1,2,4,5-Tetramethylbenzene	119	11.970	11.970	0.000	98	487990	50.0	52.3	
130 1,2-Dibromo-3-Chloropropane	155	12.050	12.050	0.000	96	9350	50.0	51.7	
131 1,3,5-Trichlorobenzene	180	12.165	12.172	-0.007	98	225242	50.0	52.4	
132 1,2,4-Trichlorobenzene	180	12.665	12.665	0.000	94	176915	50.0	51.3	
133 Hexachlorobutadiene	225	12.757	12.757	0.000	98	116551	50.0	51.4	
134 Naphthalene	128	12.854	12.861	-0.007	99	240552	50.0	51.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	13.037	13.037	0.000	95	143432	50.0	52.2	
S 136 1,2-Dichloroethene, Total	100				0		100.0	101.9	
S 137 Xylenes, Total	100				0		100.0	104.5	
S 139 1,3-Dichloropropene, Total	1				0		100.0	102.2	
S 140 Total BTEX	1				0		250.0	256.3	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

ACROLEIN W_00172	Amount Added:	10.00	Units: uL	
524FREONS_00023	Amount Added:	50.00	Units: uL	
8260MIX1COMB_00192	Amount Added:	50.00	Units: uL	
GASES Li_00598	Amount Added:	50.00	Units: uL	
VOA6IS/SURR_00075	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 21-Aug-2024 20:47:28 Chrom Revision: 2.3 16-Jul-2024 14:17:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240820-179823.b\TT84231.D

Injection Date: 20-Aug-2024 19:47:30 Instrument ID: CVOAMS17

Lims ID: STD50

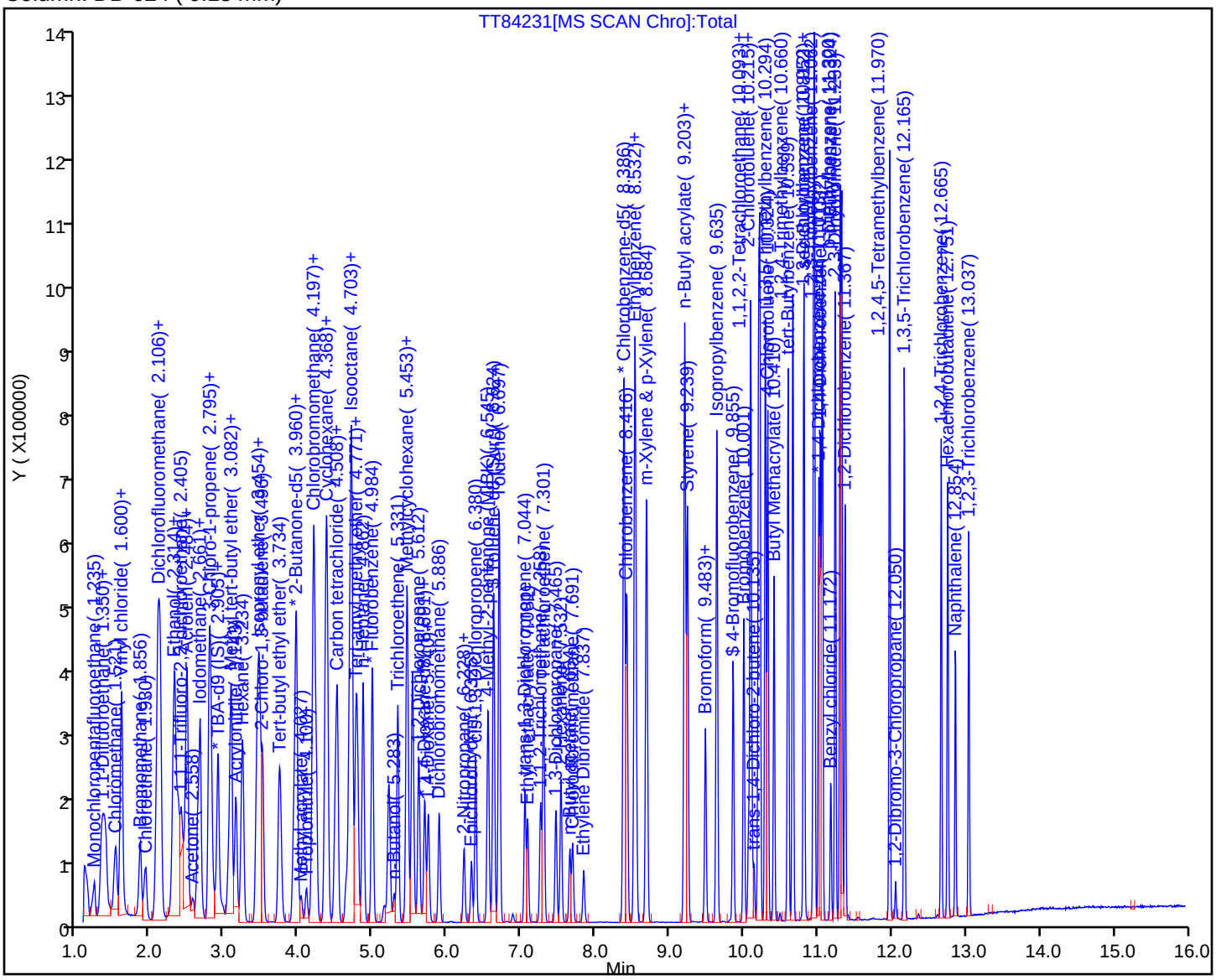
Client ID:

Operator ID: ALS Bottle#: 7 Worklist Smp#: 8

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240820-179823.b\TT84232.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 20-Aug-2024 20:06:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0179823-009
Operator ID: Instrument ID: CVOAMS17
Sublist: chrom-8260W_17*sub11

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240820-179823.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Aug-2024 20:47:42 Calib Date: 20-Aug-2024 20:26:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240820-179823.b\TT84233.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1634

First Level Reviewer: FK2C Date: 21-Aug-2024 05:39:41

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1	Monochloropentafluoroethane	119	1.265	1.265	0.000	39	22201	200.0	235.8	M
2	1,1-Difluoroethane	65	1.339	1.332	0.006	97	261647	200.0	198.7	
3	Chlorotrifluoroethene	116	1.339	1.338	0.000	61	172175	200.0	226.4	
4	Dichlorodifluoromethane	85	1.375	1.381	-0.006	100	912071	200.0	209.2	
5	Chlorodifluoromethane	67	1.387	1.387	0.000	98	91355	200.0	179.0	
6	Chloromethane	50	1.534	1.521	0.013	99	766236	200.0	202.5	
7	Vinyl chloride	62	1.607	1.601	0.006	98	677962	200.0	199.2	
8	Butadiene	54	1.613	1.607	0.006	96	695628	200.0	198.3	
9	Bromomethane	94	1.863	1.857	0.006	99	442086	200.0	199.3	
10	Chloroethane	64	1.930	1.924	0.006	100	420800	200.0	218.3	
11	Dichlorofluoromethane	67	2.094	2.088	0.006	99	1065222	200.0	205.2	
12	Trichlorofluoromethane	101	2.101	2.094	0.007	99	744389	200.0	208.7	
13	Pentane	72	2.125	2.125	0.000	96	186902	400.0	396.1	
14	Ethanol	46	2.265	2.271	-0.006	95	38748	8000.0	7657.1	
15	Ethyl ether	74	2.302	2.289	0.013	94	202505	200.0	200.9	
16	2-Methyl-1,3-butadiene	53	2.326	2.320	0.006	95	477151	200.0	197.4	
17	1,2-Dichloro-1,1,2-trifluoroetha	117	2.363	2.356	0.007	94	448952	200.0	193.2	
18	1,1,1-Trifluoro-2,2-dichloroetha	83	2.411	2.405	0.006	97	734654	200.0	197.1	
19	Acrolein	56	2.454	2.454	0.000	93	34100	200.0	184.0	
20	1,1,2-Trichloro-1,2,2-trifluoroe	101	2.479	2.478	0.001	98	497826	200.0	202.7	
21	1,1-Dichloroethene	96	2.497	2.491	0.006	99	477156	200.0	191.3	
22	Acetone	43	2.570	2.564	0.006	88	314855	1000.0	1144.1	
23	Iodomethane	142	2.637	2.631	0.006	96	828684	200.0	196.0	
25	Isopropyl alcohol	45	2.649	2.655	-0.006	39	98221	2000.0	1846.5	a
24	Carbon disulfide	76	2.668	2.667	0.001	99	1853847	200.0	195.8	
26	3-Chloro-1-propene	76	2.789	2.789	0.000	94	304574	200.0	189.8	
27	Methyl acetate	43	2.796	2.795	0.001	99	306204	400.0	349.3	
28	Cyclopentene	67	2.814	2.808	0.006	94	1151654	200.0	196.5	
29	Acetonitrile	41	2.838	2.844	-0.006	99	269888	2000.0	2059.8	Ma
* 31	TBA-d9 (IS)	66	2.917	2.905	0.012	0	11868	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	2.911	2.905	0.006	93	493959	200.0	189.1	
32 2-Methyl-2-propanol	59	2.972	2.966	0.006	99	176607	2000.0	1837.9	
33 Methyl tert-butyl ether	73	3.070	3.058	0.012	98	937243	200.0	196.6	
34 trans-1,2-Dichloroethene	96	3.088	3.082	0.006	95	518919	200.0	194.8	
35 Acrylonitrile	53	3.155	3.149	0.006	95	768405	2000.0	2046.3	
36 Hexane	57	3.241	3.240	0.001	93	754941	200.0	196.0	
37 Isopropyl ether	45	3.442	3.429	0.013	96	1513765	200.0	198.4	
38 1,1-Dichloroethane	63	3.466	3.466	0.000	100	897287	200.0	199.4	
39 Vinyl acetate	86	3.478	3.478	0.000	100	93426	400.0	433.3	
40 2-Chloro-1,3-butadiene	88	3.509	3.509	0.000	90	446720	200.0	200.3	
41 Tert-butyl ethyl ether	59	3.740	3.740	0.000	89	1272114	200.0	199.3	
* 42 2-Butanone-d5	46	3.923	3.923	0.000	0	85141	250.0	250.0	
43 2,2-Dichloropropane	97	3.954	3.948	0.006	96	166006	200.0	193.7	
44 cis-1,2-Dichloroethene	96	3.966	3.960	0.006	96	530070	200.0	196.6	
45 2-Butanone (MEK)	72	3.978	3.972	0.006	96	113551	1000.0	1049.5	
46 Ethyl acetate	70	3.984	3.984	0.000	95	46076	400.0	415.5	
47 Methyl acrylate	55	4.033	4.027	0.006	100	187393	200.0	186.0	
48 Propionitrile	54	4.100	4.100	0.000	99	250589	2000.0	2016.9	
49 Chlorobromomethane	128	4.179	4.173	0.006	91	195809	200.0	192.4	
50 Tetrahydrofuran	72	4.173	4.179	-0.006	57	49686	400.0	378.0	
51 Methacrylonitrile	67	4.204	4.198	0.006	91	887604	2000.0	1948.4	
52 Chloroform	83	4.234	4.228	0.006	99	772817	200.0	195.4	
53 Cyclohexane	84	4.368	4.362	0.006	91	805575	200.0	199.4	
54 1,1,1-Trichloroethane	97	4.381	4.374	0.007	99	692949	200.0	198.7	
$ 55 Dibromofluoromethane (Surr)	113	4.387	4.380	0.007	99	89179	50.0	49.9	
56 Carbon tetrachloride	117	4.490	4.490	0.000	99	581287	200.0	201.6	
57 1,1-Dichloropropene	75	4.521	4.515	0.006	98	658636	200.0	202.6	
58 Isobutyl alcohol	43	4.643	4.637	0.006	93	179312	5000.0	4990.9	
59 Isooctane	57	4.692	4.679	0.013	99	1988356	200.0	212.9	
60 Benzene	78	4.710	4.704	0.006	96	1996051	200.0	201.1	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.722	4.722	0.000	0	82223	50.0	51.5	
62 Tert-amyl methyl ether	73	4.777	4.771	0.006	90	1029993	200.0	193.2	
63 Isopropyl acetate	61	4.771	4.777	-0.006	93	143160	200.0	199.8	
64 1,2-Dichloroethane	62	4.795	4.795	0.000	96	399439	200.0	199.1	
65 n-Heptane	100	4.868	4.868	0.000	92	130270	200.0	198.8	
* 66 Fluorobenzene	96	4.990	4.990	0.000	99	407301	50.0	50.0	
67 n-Butanol	56	5.283	5.289	-0.006	87	110850	5000.0	4943.5	
68 Trichloroethene	95	5.332	5.332	0.000	100	482252	200.0	201.0	
70 Ethyl acrylate	99	5.460	5.453	0.007	92	51161	200.0	196.1	a
69 Methylcyclohexane	83	5.460	5.460	0.000	90	939159	200.0	205.5	
71 1,2-Dichloropropane	63	5.618	5.612	0.006	94	474384	200.0	200.4	
* 72 1,4-Dioxane-d8	96	5.673	5.667	0.006	0	8245	1000.0	1000.0	
73 Methyl methacrylate	100	5.697	5.697	0.000	90	119358	400.0	386.5	
75 1,4-Dioxane	88	5.728	5.722	0.006	88	35834	4000.0	3751.0	
74 Dibromomethane	93	5.740	5.740	0.000	96	175834	200.0	197.1	
76 n-Propyl acetate	43	5.752	5.752	0.000	98	275297	200.0	199.0	
77 Dichlorobromomethane	83	5.892	5.886	0.006	100	490154	200.0	205.5	
78 2-Nitropropane	41	6.222	6.222	0.000	78	81919	400.0	385.3	
79 2-Chloroethyl vinyl ether	63	6.228	6.222	0.006	87	159773	200.5	191.2	
80 Epichlorohydrin	57	6.325	6.325	0.000	99	341623	4000.0	4186.0	
81 cis-1,3-Dichloropropene	75	6.386	6.380	0.006	92	640418	200.0	206.1	
82 4-Methyl-2-pentanone (MIBK)	58	6.551	6.545	0.006	96	427512	1000.0	1045.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	6.624	6.624	0.000	100	384009	50.0	50.9	
84 Toluene	91	6.703	6.697	0.006	94	2011545	200.0	195.1	
85 trans-1,3-Dichloropropene	75	7.051	7.045	0.006	97	468447	200.0	206.1	
86 Ethyl methacrylate	69	7.087	7.087	0.000	89	373776	200.0	215.0	
87 1,1,2-Trichloroethane	83	7.258	7.258	0.000	98	229247	200.0	198.1	
88 Tetrachloroethene	166	7.301	7.301	0.000	98	478972	200.0	199.9	
89 1,3-Dichloropropane	76	7.465	7.465	0.000	94	447169	200.0	202.2	
90 2-Hexanone	43	7.532	7.532	0.000	95	633324	1000.0	1019.6	
91 n-Butyl acetate	43	7.654	7.648	0.006	99	338844	200.0	212.6	
92 Chlorodibromomethane	129	7.691	7.691	0.000	99	290055	200.0	211.2	
93 Ethylene Dibromide	107	7.843	7.843	0.000	98	235852	200.0	202.9	
* 94 Chlorobenzene-d5	117	8.386	8.386	0.000	84	275939	50.0	50.0	
95 Chlorobenzene	112	8.422	8.422	0.000	94	1211215	200.0	200.8	
96 Ethylbenzene	106	8.532	8.532	0.000	98	715740	200.0	201.5	
97 1,1,1,2-Tetrachloroethane	131	8.544	8.544	0.000	96	424363	200.0	214.0	
98 m-Xylene & p-Xylene	106	8.691	8.685	0.006	0	879394	200.0	202.7	
100 n-Butyl acrylate	73	9.203	9.203	0.000	97	238777	200.0	229.5	
99 o-Xylene	106	9.209	9.203	0.006	94	883036	200.0	206.6	
101 Styrene	104	9.239	9.239	0.000	95	1360257	200.0	206.7	
102 Bromoform	173	9.483	9.483	0.000	98	163867	200.0	214.5	
103 Amyl acetate (mixed isomers)	43	9.483	9.483	0.000	91	487603	200.0	215.9	
104 Isopropylbenzene	105	9.636	9.636	0.000	96	2054710	200.0	202.2	
$ 105 4-Bromofluorobenzene	174	9.861	9.855	0.006	94	109427	50.0	49.3	
106 Bromobenzene	156	10.001	10.001	0.000	99	481585	200.0	200.3	
107 1,1,2,2-Tetrachloroethane	83	10.069	10.062	0.006	99	276923	200.0	190.4	
108 N-Propylbenzene	91	10.093	10.093	0.000	99	2652347	200.0	199.9	
109 1,2,3-Trichloropropane	110	10.111	10.111	0.000	96	71312	200.0	191.5	
110 trans-1,4-Dichloro-2-butene	53	10.142	10.135	0.007	95	66869	200.0	218.1	
111 2-Chlorotoluene	91	10.203	10.203	0.000	97	1798545	200.0	200.2	
112 4-Ethyltoluene	105	10.221	10.221	0.000	97	2165680	200.0	198.1	
113 1,3,5-Trimethylbenzene	105	10.294	10.294	0.000	93	1864413	200.0	204.2	
114 4-Chlorotoluene	91	10.325	10.324	0.001	97	1620766	200.0	200.8	
115 Butyl Methacrylate	87	10.410	10.410	0.000	89	587290	200.0	202.9	
116 tert-Butylbenzene	119	10.599	10.599	0.000	94	1578397	200.0	211.8	
117 1,2,4-Trimethylbenzene	105	10.666	10.666	0.000	97	1922236	200.0	200.0	
118 sec-Butylbenzene	105	10.812	10.812	0.000	99	2439849	200.0	205.2	
119 1,3-Dichlorobenzene	146	10.940	10.940	0.000	97	994871	200.0	199.3	
120 4-Isopropyltoluene	119	10.952	10.952	0.000	98	2072930	200.0	203.7	
* 121 1,4-Dichlorobenzene-d4	152	11.013	11.013	0.000	94	143694	50.0	50.0	
122 1,4-Dichlorobenzene	146	11.038	11.032	0.006	95	968704	200.0	199.0	
123 1,2,3-Trimethylbenzene	105	11.062	11.062	0.000	98	1929748	200.0	199.2	
124 Benzyl chloride	91	11.172	11.172	0.000	99	521548	200.0	202.2	
125 2,3-Dihydroindene	117	11.233	11.233	0.000	95	1665872	200.0	196.1	
126 p-Diethylbenzene	119	11.300	11.300	0.000	94	1270882	200.0	202.8	
127 n-Butylbenzene	92	11.324	11.324	0.000	98	1111160	200.0	198.3	
128 1,2-Dichlorobenzene	146	11.373	11.367	0.006	97	871514	200.0	196.6	
129 1,2,4,5-Tetramethylbenzene	119	11.971	11.970	0.001	98	1917458	200.0	203.0	
130 1,2-Dibromo-3-Chloropropane	155	12.050	12.050	0.000	97	39071	200.0	213.4	
131 1,3,5-Trichlorobenzene	180	12.172	12.172	0.000	98	882682	200.0	203.0	
132 1,2,4-Trichlorobenzene	180	12.666	12.665	0.001	94	706691	200.0	202.8	
133 Hexachlorobutadiene	225	12.757	12.757	0.000	98	475019	200.0	207.2	
134 Naphthalene	128	12.861	12.861	0.000	99	969979	200.0	206.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	13.037	13.037	0.000	95	571612	200.0	205.5	
S 136 1,2-Dichloroethene, Total	100				0		400.0	391.4	
S 137 Xylenes, Total	100				0		400.0	409.3	
S 139 1,3-Dichloropropene, Total	1				0		400.0	412.2	
S 140 Total BTEX	1				0		1000.0	1007.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

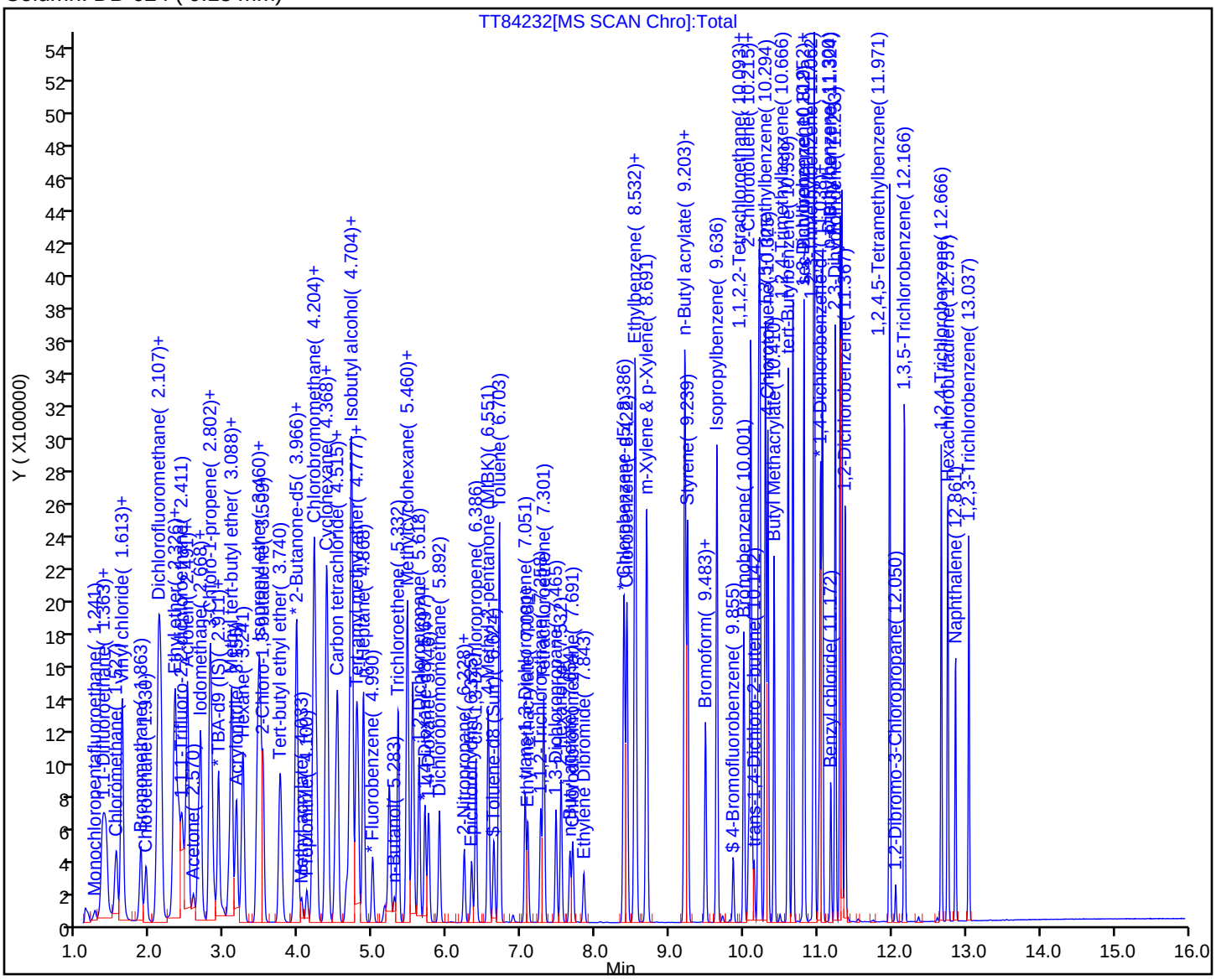
Reagents:

MIX 2 Hi_00152	Amount Added:	20.00	Units: uL	
MIX I Hi_00179	Amount Added:	20.00	Units: uL	
Ethanol mix_00092	Amount Added:	20.00	Units: uL	
7 Freons Hi_00017	Amount Added:	20.00	Units: uL	
ACROLEIN W_00172	Amount Added:	20.00	Units: uL	
GAS Hi_00476	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00075	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 21-Aug-2024 20:47:43 Chrom Revision: 2.3 16-Jul-2024 14:17:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240820-179823.b\TT84232.D
Injection Date: 20-Aug-2024 20:06:30 Instrument ID: CVOAMS17
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm)



9/9/2024
1:05:41 PM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240820-179823.b\TT84233.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 20-Aug-2024 20:26:30 ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0179823-010
Operator ID: Instrument ID: CVOAMS17
Sublist: chrom-8260W_17*sub11

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240820-179823.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Aug-2024 20:47:58 Calib Date: 20-Aug-2024 20:26:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240820-179823.b\TT84233.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1634

First Level Reviewer: FK2C Date: 21-Aug-2024 06:31:39

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1	Monochloropentafluoroethane	119	1.259	1.265	-0.006	94	54276	500.0	487.4	
2	1,1-Difluoroethane	65	1.332	1.332	0.000	96	670897	500.0	429.6	
3	Chlorotrifluoroethene	116	1.338	1.338	0.000	60	443606	500.0	491.8	
4	Dichlorodifluoromethane	85	1.369	1.381	-0.012	100	2145259	500.0	414.8	
5	Chlorodifluoromethane	67	1.387	1.387	0.000	98	229954	500.0	379.9	
6	Chloromethane	50	1.521	1.521	0.000	99	1848913	500.0	412.0	
7	Vinyl chloride	62	1.600	1.601	-0.001	98	1597662	500.0	395.8	
8	Butadiene	54	1.607	1.607	0.000	95	1609233	500.0	386.9	
9	Bromomethane	94	1.857	1.857	0.000	99	1051017	500.0	399.5	
10	Chloroethane	64	1.930	1.924	0.006	99	904083	500.0	395.5	
11	Dichlorofluoromethane	67	2.088	2.088	0.000	99	2515205	500.0	408.6	
12	Trichlorofluoromethane	101	2.094	2.094	0.000	99	1783147	500.0	421.5	
13	Pentane	72	2.119	2.125	-0.006	96	441573	1000.0	789.1	
14	Ethanol	46	2.265	2.271	-0.006	94	93331	20000	16267	
15	Ethyl ether	74	2.295	2.289	0.006	94	512238	500.0	429.6	
16	2-Methyl-1,3-butadiene	53	2.320	2.320	0.000	95	1139513	500.0	397.6	
17	1,2-Dichloro-1,1,2-trifluoroetha	117	2.363	2.356	0.007	92	1191910	500.0	432.5	
18	1,1,1-Trifluoro-2,2-dichloroetha	83	2.411	2.405	0.006	97	1894287	500.0	428.5	
19	Acrolein	56	2.454	2.454	0.000	88	67262	400.0	306.1	
20	1,1,2-Trichloro-1,2,2-trifluoroe	101	2.478	2.478	0.000	98	1312138	500.0	450.4	
21	1,1-Dichloroethene	96	2.491	2.491	0.000	98	1252894	500.0	423.5	
22	Acetone	43	2.570	2.564	0.006	88	778287	2500.0	2229.9	
23	Iodomethane	142	2.631	2.631	0.000	96	2163704	500.0	431.6	
25	Isopropyl alcohol	45	2.655	2.655	0.000	98	239659	5000.0	3983.2	
24	Carbon disulfide	76	2.667	2.667	0.000	99	4703334	500.0	418.8	
26	3-Chloro-1-propene	76	2.789	2.789	0.000	94	752360	500.0	395.2	
27	Methyl acetate	43	2.795	2.795	0.000	99	738822	1000.0	710.7	
28	Cyclopentene	67	2.808	2.808	0.000	95	2747474	500.0	395.4	
29	Acetonitrile	41	2.838	2.844	-0.006	96	612387	5000.0	3685.2	a
* 31	TBA-d9 (IS)	66	2.911	2.905	0.006	0	13456	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	2.905	2.905	0.000	92	1264576	500.0	408.1	
32 2-Methyl-2-propanol	59	2.966	2.966	0.000	99	436070	5000.0	4002.4	
33 Methyl tert-butyl ether	73	3.070	3.058	0.012	97	2407977	500.0	425.9	
34 trans-1,2-Dichloroethene	96	3.082	3.082	0.000	95	1332243	500.0	421.6	
35 Acrylonitrile	53	3.149	3.149	0.000	95	1918765	5000.0	4312.0	
36 Hexane	57	3.234	3.240	-0.006	92	1958118	500.0	428.7	
37 Isopropyl ether	45	3.442	3.429	0.013	95	3687921	500.0	407.6	
38 1,1-Dichloroethane	63	3.466	3.466	0.000	100	2252401	500.0	422.0	
39 Vinyl acetate	86	3.478	3.478	0.000	100	254913	1000.0	931.0	
40 2-Chloro-1,3-butadiene	88	3.509	3.509	0.000	89	1112551	500.0	420.6	
41 Tert-butyl ethyl ether	59	3.740	3.740	0.000	89	3174817	500.0	419.4	
* 42 2-Butanone-d5	46	3.923	3.923	0.000	0	107982	250.0	250.0	
43 2,2-Dichloropropane	97	3.954	3.948	0.006	96	430801	500.0	423.9	
44 cis-1,2-Dichloroethene	96	3.960	3.960	0.000	99	1365780	500.0	427.1	
45 2-Butanone (MEK)	72	3.972	3.972	0.000	97	286287	2500.0	2086.4	
46 Ethyl acetate	70	3.978	3.984	-0.006	94	120051	1000.0	856.3	
47 Methyl acrylate	55	4.033	4.027	0.006	100	465879	500.0	390.6	
48 Propionitrile	54	4.100	4.100	0.000	99	624512	5000.0	4433.2	
49 Chlorobromomethane	128	4.179	4.173	0.006	90	510329	500.0	422.8	
50 Tetrahydrofuran	72	4.173	4.179	-0.006	89	122428	1000.0	734.4	
51 Methacrylonitrile	67	4.204	4.198	0.006	91	2239441	5000.0	4144.9	
52 Chloroform	83	4.234	4.228	0.006	99	1969598	500.0	420.0	
53 Cyclohexane	84	4.368	4.362	0.006	90	2128249	500.0	444.1	
54 1,1,1-Trichloroethane	97	4.380	4.374	0.006	98	1795108	500.0	433.9	
$ 55 Dibromofluoromethane (Surr)	113	4.387	4.380	0.007	97	106691	50.0	50.3	
56 Carbon tetrachloride	117	4.496	4.490	0.006	99	1542138	500.0	451.1	
57 1,1-Dichloropropene	75	4.521	4.515	0.006	97	1706424	500.0	442.5	
58 Isobutyl alcohol	43	4.636	4.637	-0.001	85	502691	12500	12501	a
59 Isooctane	57	4.691	4.679	0.012	99	5015578	500.0	452.8	
60 Benzene	78	4.710	4.704	0.006	96	5043220	500.0	423.5	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.722	4.722	0.000	0	108140	50.0	57.1	
62 Tert-amyl methyl ether	73	4.777	4.771	0.006	92	2582644	500.0	408.5	
63 Isopropyl acetate	61	4.771	4.777	-0.006	92	362581	500.0	426.6	
64 1,2-Dichloroethane	62	4.795	4.795	0.000	96	1027388	500.0	431.9	
65 n-Heptane	100	4.868	4.868	0.000	91	347876	500.0	447.6	
* 66 Fluorobenzene	96	4.990	4.990	0.000	99	483050	50.0	50.0	
67 n-Butanol	56	5.283	5.289	-0.006	85	278945	12500	10997	
68 Trichloroethene	95	5.331	5.332	-0.001	100	1263187	500.0	444.0	
70 Ethyl acrylate	99	5.459	5.453	0.006	98	136467	500.0	440.5	
69 Methylcyclohexane	83	5.459	5.460	-0.001	90	2480117	500.0	457.6	
71 1,2-Dichloropropane	63	5.618	5.612	0.006	94	1215359	500.0	433.0	
* 72 1,4-Dioxane-d8	96	5.667	5.667	0.000	0	10036	1000.0	1000.0	
73 Methyl methacrylate	100	5.697	5.697	0.000	88	310456	1000.0	847.7	
75 1,4-Dioxane	88	5.722	5.722	0.000	87	89089	10000	7661.5	
74 Dibromomethane	93	5.740	5.740	0.000	96	456819	500.0	431.7	
76 n-Propyl acetate	43	5.752	5.752	0.000	98	706965	500.0	430.9	
77 Dichlorobromomethane	83	5.892	5.886	0.006	100	1271372	500.0	449.4	
78 2-Nitropropane	41	6.222	6.222	0.000	96	211947	1000.0	840.6	
79 2-Chloroethyl vinyl ether	63	6.228	6.222	0.006	96	411367	501.2	415.0	
80 Epichlorohydrin	57	6.325	6.325	0.000	99	845454	10000	8176.3	
81 cis-1,3-Dichloropropene	75	6.386	6.380	0.006	91	1664459	500.0	446.5	
82 4-Methyl-2-pentanone (MIBK)	58	6.551	6.545	0.006	95	1087569	2500.0	2097.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	6.630	6.624	0.006	100	456028	50.0	50.4	
84 Toluene	91	6.703	6.697	0.006	94	5099892	500.0	412.4	
85 trans-1,3-Dichloropropene	75	7.051	7.045	0.006	96	1194795	500.0	438.2	
86 Ethyl methacrylate	69	7.087	7.087	0.000	88	965372	500.0	462.9	
87 1,1,2-Trichloroethane	83	7.258	7.258	0.000	97	590437	500.0	425.3	
88 Tetrachloroethene	166	7.301	7.301	0.000	98	1260553	500.0	438.6	
89 1,3-Dichloropropane	76	7.465	7.465	0.000	94	1140410	500.0	429.8	
90 2-Hexanone	43	7.532	7.532	0.000	95	1554248	2500.0	1973.0	
91 n-Butyl acetate	43	7.654	7.648	0.006	99	846580	500.0	442.7	
92 Chlorodibromomethane	129	7.691	7.691	0.000	99	767540	500.0	466.0	
93 Ethylene Dibromide	107	7.843	7.843	0.000	98	594734	500.0	426.5	
* 94 Chlorobenzene-d5	117	8.386	8.386	0.000	82	331021	50.0	50.0	
95 Chlorobenzene	112	8.422	8.422	0.000	94	3090863	500.0	427.1	
96 Ethylbenzene	106	8.532	8.532	0.000	98	1837159	500.0	431.2	
97 1,1,1,2-Tetrachloroethane	131	8.544	8.544	0.000	97	1103610	500.0	463.9	
98 m-Xylene & p-Xylene	106	8.691	8.685	0.006	0	2255921	500.0	433.4	
100 n-Butyl acrylate	73	9.203	9.203	0.000	97	603049	500.0	483.2	
99 o-Xylene	106	9.209	9.203	0.006	95	2239454	500.0	436.8	
101 Styrene	104	9.245	9.239	0.006	95	3395121	500.0	430.1	
102 Bromoform	173	9.483	9.483	0.000	98	434670	500.0	474.3	
103 Amyl acetate (mixed isomers)	43	9.483	9.483	0.000	91	1206259	500.0	458.8	
104 Isopropylbenzene	105	9.642	9.636	0.006	96	5158326	500.0	423.2	
$ 105 4-Bromofluorobenzene	174	9.861	9.855	0.006	93	131777	50.0	49.5	
106 Bromobenzene	156	10.001	10.001	0.000	99	1204936	500.0	430.4	
107 1,1,2,2-Tetrachloroethane	83	10.068	10.062	0.006	99	703521	500.0	415.4	
108 N-Propylbenzene	91	10.093	10.093	0.000	100	6404543	500.0	414.5	
109 1,2,3-Trichloropropane	110	10.117	10.111	0.006	97	180764	500.0	417.0	
110 trans-1,4-Dichloro-2-butene	53	10.141	10.135	0.006	95	170853	500.0	478.1	
111 2-Chlorotoluene	91	10.202	10.203	-0.001	97	4416961	500.0	422.2	
112 4-Ethyltoluene	105	10.221	10.221	0.000	97	5162533	500.0	405.6	
113 1,3,5-Trimethylbenzene	105	10.294	10.294	0.000	93	4651935	500.0	437.5	
114 4-Chlorotoluene	91	10.324	10.324	0.000	97	4012882	500.0	427.1	
115 Butyl Methacrylate	87	10.410	10.410	0.000	88	1493363	500.0	499.5	
116 tert-Butylbenzene	119	10.599	10.599	0.000	94	4069504	500.0	469.1	
117 1,2,4-Trimethylbenzene	105	10.666	10.666	0.000	97	4674457	500.0	417.8	
118 sec-Butylbenzene	105	10.812	10.812	0.000	98	6015492	500.0	434.6	
119 1,3-Dichlorobenzene	146	10.946	10.940	0.006	96	2411497	500.0	415.0	
120 4-Isopropyltoluene	119	10.958	10.952	0.006	98	5171852	500.0	436.5	
* 121 1,4-Dichlorobenzene-d4	152	11.013	11.013	0.000	94	167297	50.0	50.0	
122 1,4-Dichlorobenzene	146	11.038	11.032	0.006	94	2367183	500.0	417.6	
123 1,2,3-Trimethylbenzene	105	11.062	11.062	0.000	98	4636173	500.0	411.1	
124 Benzyl chloride	91	11.178	11.172	0.006	99	1301071	500.0	433.3	
125 2,3-Dihydroindene	117	11.239	11.233	0.006	95	3980827	500.0	402.4	
126 p-Diethylbenzene	119	11.306	11.300	0.006	93	3087847	500.0	423.3	
127 n-Butylbenzene	92	11.324	11.324	0.000	99	2741400	500.0	420.2	
128 1,2-Dichlorobenzene	146	11.373	11.367	0.006	96	2139973	500.0	414.6	
129 1,2,4,5-Tetramethylbenzene	119	11.970	11.970	0.000	98	4608996	500.0	419.0	
130 1,2-Dibromo-3-Chloropropane	155	12.050	12.050	0.000	98	101893	500.0	478.1	
131 1,3,5-Trichlorobenzene	180	12.172	12.172	0.000	98	2150262	500.0	424.7	
132 1,2,4-Trichlorobenzene	180	12.665	12.665	0.000	94	1759750	500.0	433.7	
133 Hexachlorobutadiene	225	12.757	12.757	0.000	98	1258068	500.0	471.3	
134 Naphthalene	128	12.860	12.861	-0.001	99	2432389	500.0	444.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	13.037	13.037	0.000	95	1428467	500.0	441.2	
S 136 1,2-Dichloroethene, Total	100				0		1000.0	848.7	
S 137 Xylenes, Total	100				0		1000.0	870.2	
S 139 1,3-Dichloropropene, Total	1				0		1000.0	884.7	
S 140 Total BTEX	1				0		2500.0	2137.3	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

MIX 2 Hi_00152	Amount Added:	50.00	Units: uL	
MIX I Hi_00179	Amount Added:	50.00	Units: uL	
Ethanol mix_00092	Amount Added:	50.00	Units: uL	
7 Freons Hi_00017	Amount Added:	50.00	Units: uL	
ACROLEIN W_00172	Amount Added:	40.00	Units: uL	
GAS Hi_00476	Amount Added:	50.00	Units: uL	
VOA6IS/SURR_00075	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 21-Aug-2024 20:47:58 Chrom Revision: 2.3 16-Jul-2024 14:17:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240820-179823.b\TT84233.D

Injection Date: 20-Aug-2024 20:26:30 Instrument ID: CVOAMS17

Lims ID: STD500

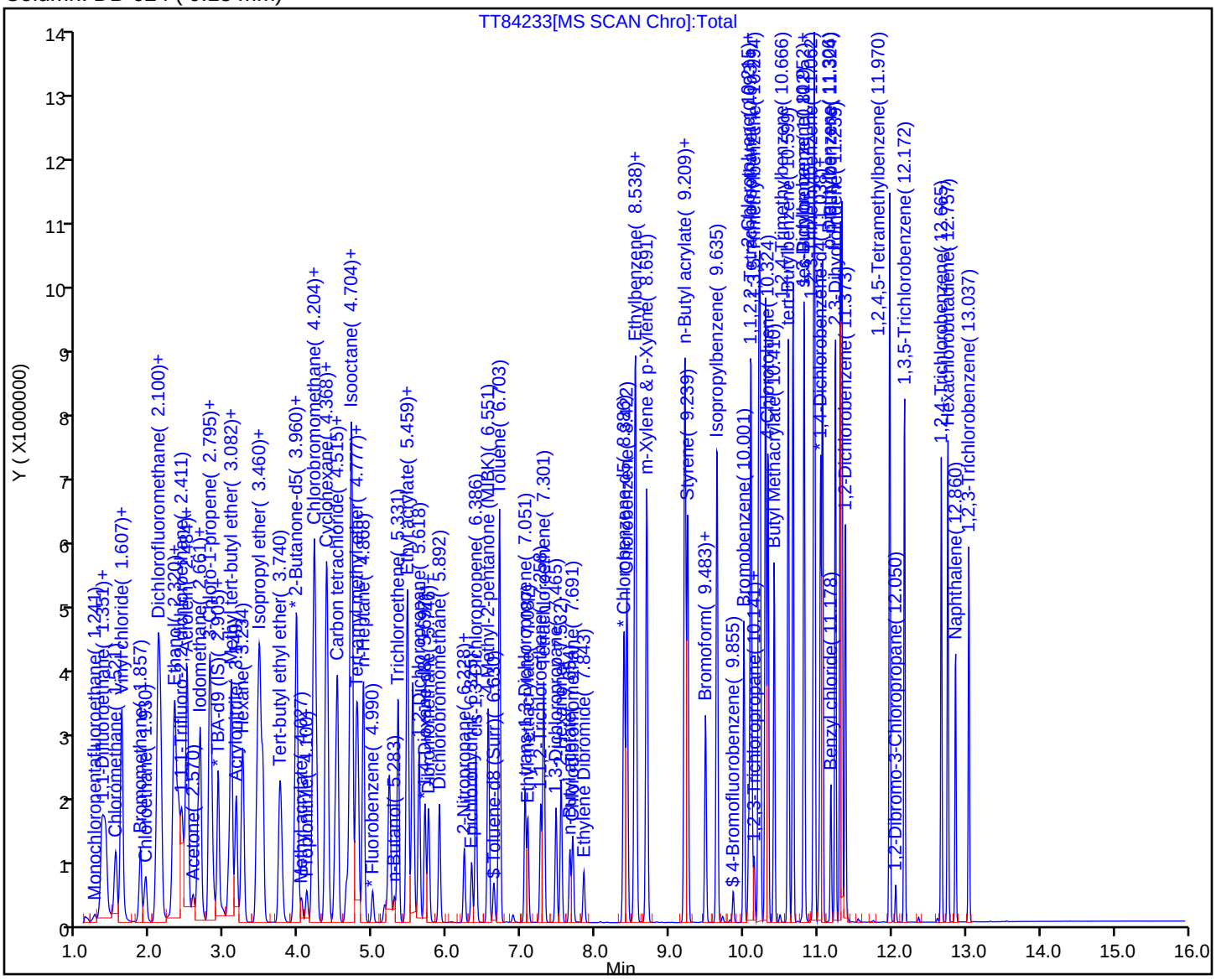
Client ID:

Operator ID: ALS Bottle#: 9 Worklist Smp#: 10

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Calibration / Chlorotrifluoroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

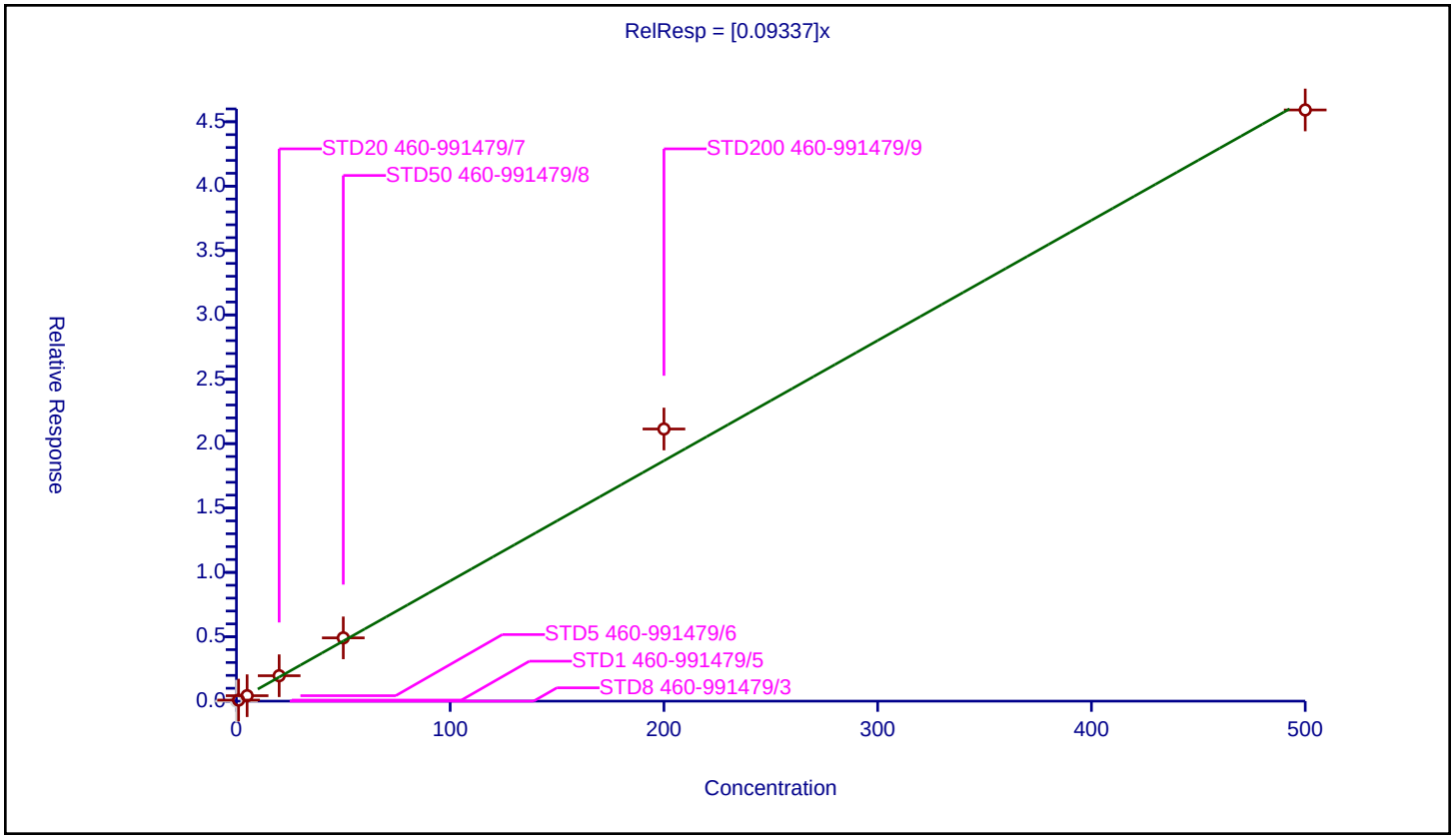
Curve Coefficients

Intercept:	0
Slope:	0.09337

Error Coefficients

Relative Standard Deviation:	10.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	442598.0	NaN	N
2	STD1 460-991479/5	1.0	0.080933	50.0	421956.0	0.080933	Y
3	STD5 460-991479/6	5.0	0.42362	50.0	406260.0	0.084724	Y
4	STD20 460-991479/7	20.0	1.975148	50.0	424272.0	0.098757	Y
5	STD50 460-991479/8	50.0	4.913395	50.0	398706.0	0.098268	Y
6	STD200 460-991479/9	200.0	21.136089	50.0	407301.0	0.10568	Y
7	STD500 460-991479/10	500.0	45.917193	50.0	483050.0	0.091834	Y



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Calibration / Chlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

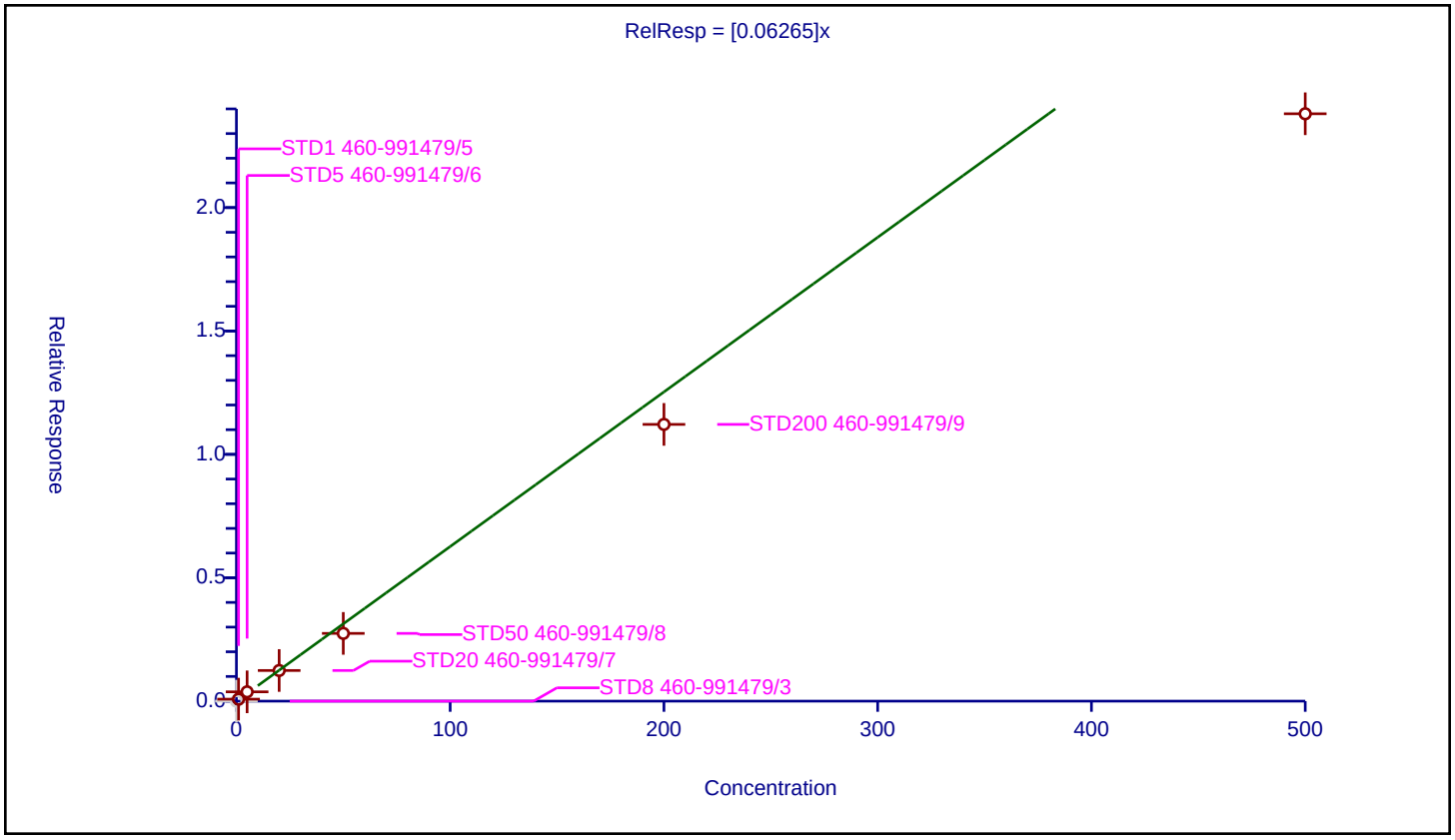
Curve Coefficients

Intercept:	0
Slope:	0.06265

Error Coefficients

Relative Standard Deviation:	20.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	442598.0	NaN	N
2	STD1 460-991479/5	1.0	0.079866	50.0	421956.0	0.079866	Y
3	STD5 460-991479/6	5.0	0.376852	50.0	406260.0	0.07537	Y
4	STD20 460-991479/7	20.0	1.241774	50.0	424272.0	0.062089	Y
5	STD50 460-991479/8	50.0	2.74488	50.0	398706.0	0.054898	Y
6	STD200 460-991479/9	200.0	11.214679	50.0	407301.0	0.056073	Y
7	STD500 460-991479/10	500.0	23.802298	50.0	483050.0	0.047605	Y



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Calibration / Dichlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

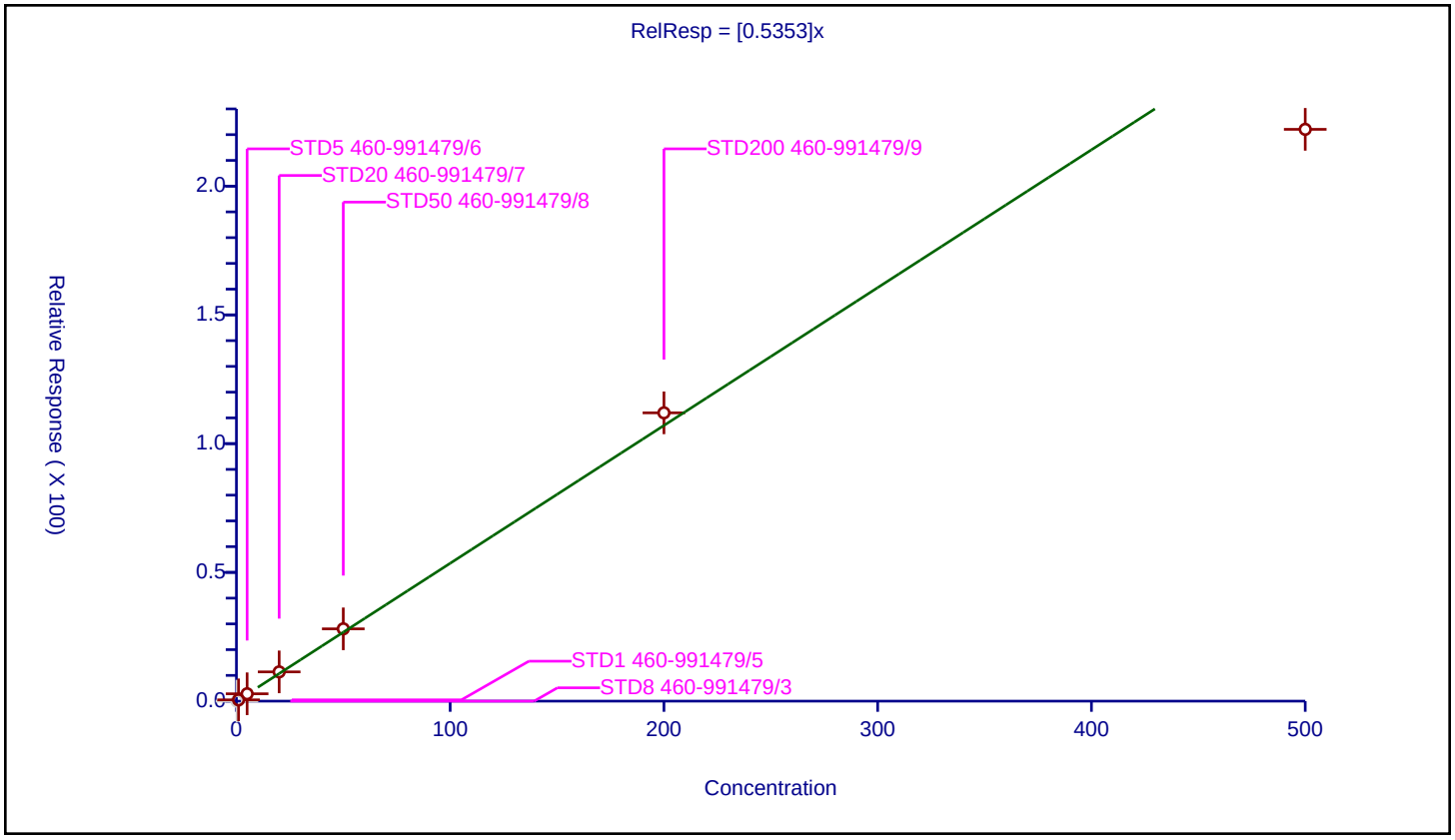
Curve Coefficients

Intercept:	0
Slope:	0.5353

Error Coefficients

Relative Standard Deviation:	9.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.25	0.0	50.0	442598.0	0.0	N
2	STD1 460-991479/5	1.0	0.506688	50.0	421956.0	0.506688	Y
3	STD5 460-991479/6	5.0	2.85556	50.0	406260.0	0.571112	Y
4	STD20 460-991479/7	20.0	11.36594	50.0	424272.0	0.568297	Y
5	STD50 460-991479/8	50.0	28.079838	50.0	398706.0	0.561597	Y
6	STD200 460-991479/9	200.0	111.96523	50.0	407301.0	0.559826	Y
7	STD500 460-991479/10	500.0	222.053514	50.0	483050.0	0.444107	Y



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Calibration / Chloromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

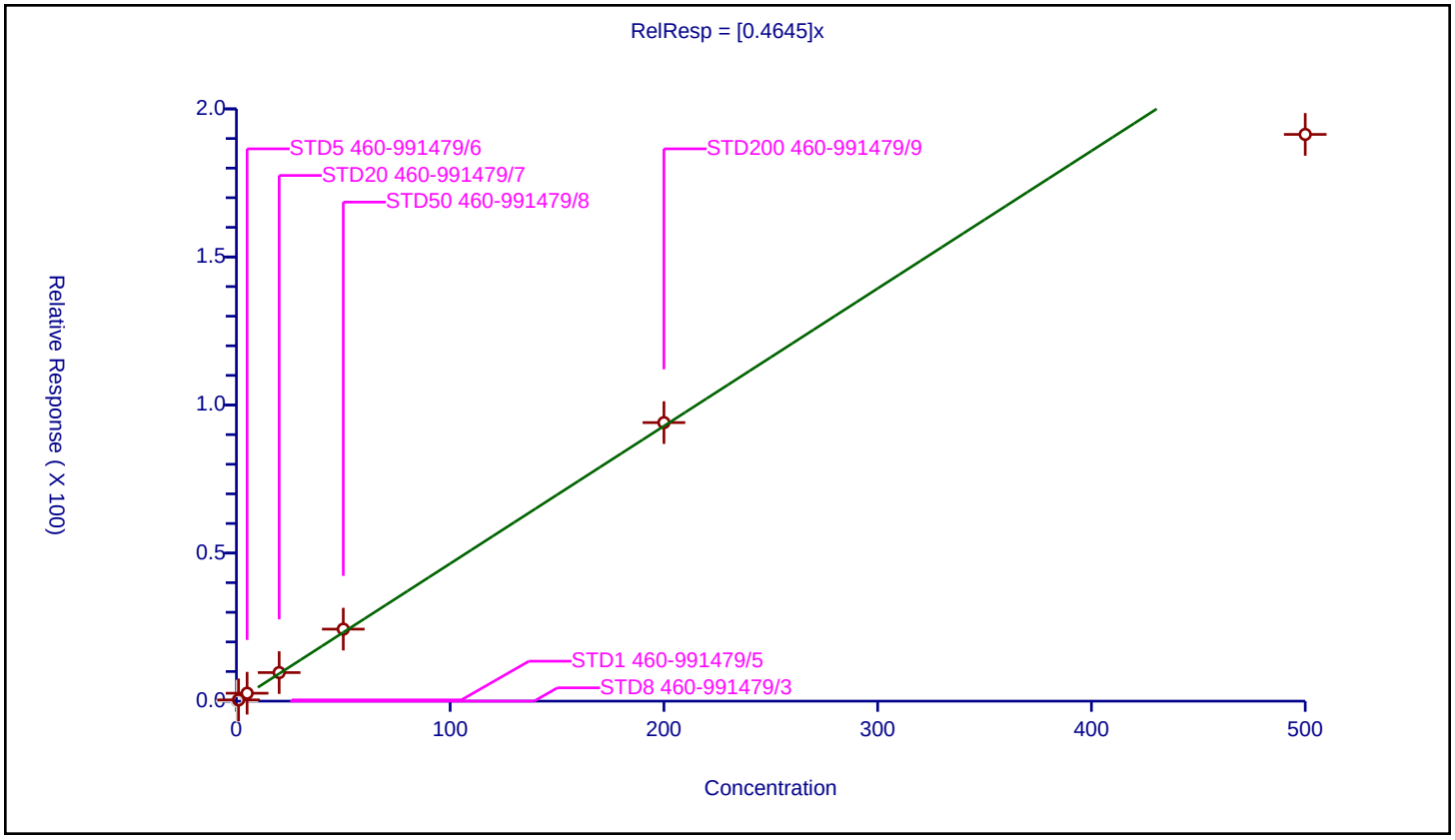
Curve Coefficients

Intercept:	0
Slope:	0.4645

Error Coefficients

Relative Standard Deviation:	11.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.25	0.0	50.0	442598.0	0.0	N
2	STD1 460-991479/5	1.0	0.429903	50.0	421956.0	0.429903	Y
3	STD5 460-991479/6	5.0	2.676611	50.0	406260.0	0.535322	Y
4	STD20 460-991479/7	20.0	9.650295	50.0	424272.0	0.482515	Y
5	STD50 460-991479/8	50.0	24.317291	50.0	398706.0	0.486346	Y
6	STD200 460-991479/9	200.0	94.062622	50.0	407301.0	0.470313	Y
7	STD500 460-991479/10	500.0	191.37905	50.0	483050.0	0.382758	Y



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Calibration / Vinyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

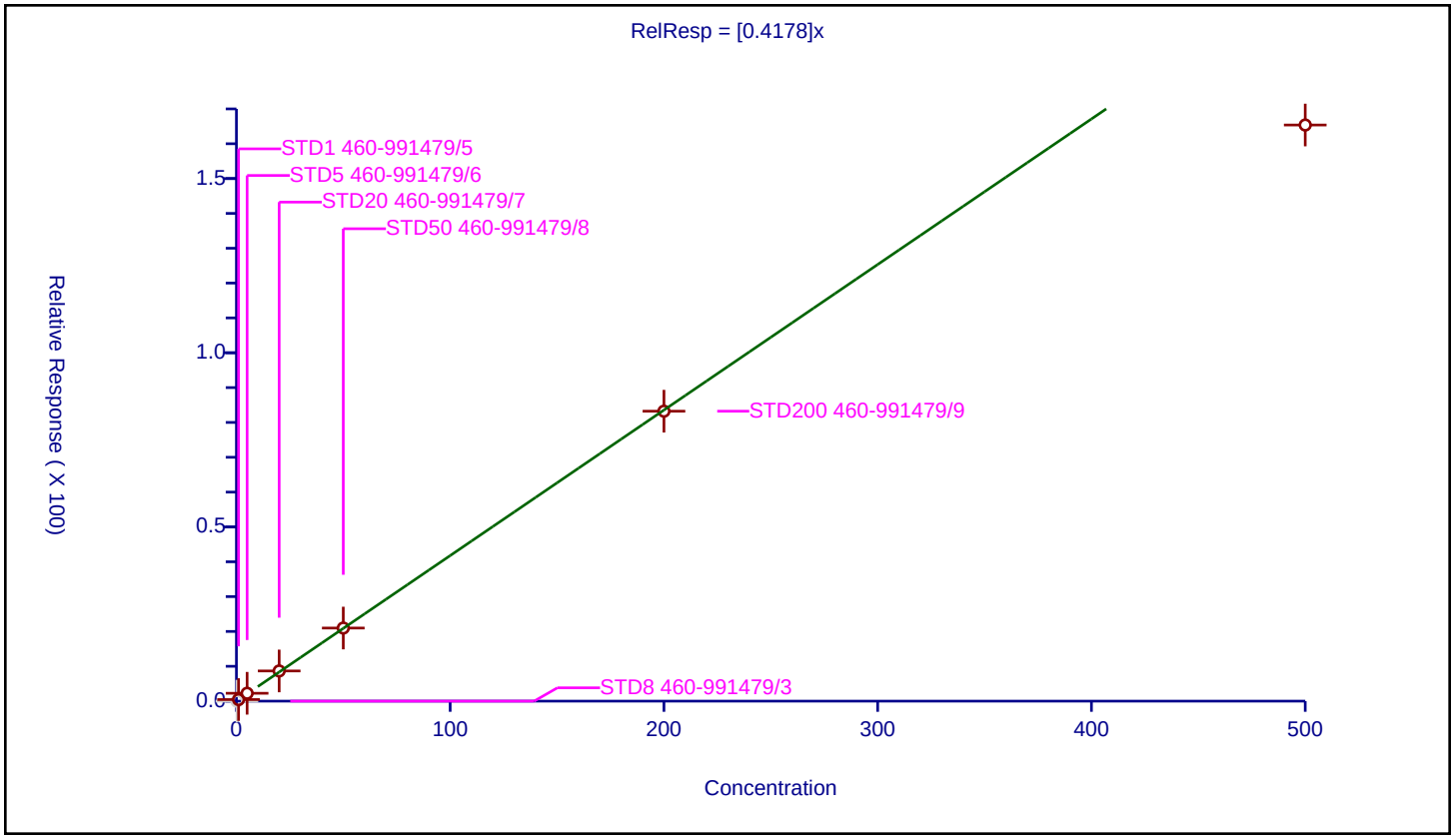
Curve Coefficients

Intercept:	0
Slope:	0.4178

Error Coefficients

Relative Standard Deviation:	10.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.25	0.0	50.0	442598.0	0.0	N
2	STD1 460-991479/5	1.0	0.455142	50.0	421956.0	0.455142	Y
3	STD5 460-991479/6	5.0	2.257668	50.0	406260.0	0.451534	Y
4	STD20 460-991479/7	20.0	8.668614	50.0	424272.0	0.433431	Y
5	STD50 460-991479/8	50.0	20.982378	50.0	398706.0	0.419648	Y
6	STD200 460-991479/9	200.0	83.226164	50.0	407301.0	0.416131	Y
7	STD500 460-991479/10	500.0	165.372322	50.0	483050.0	0.330745	Y



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Calibration / Butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

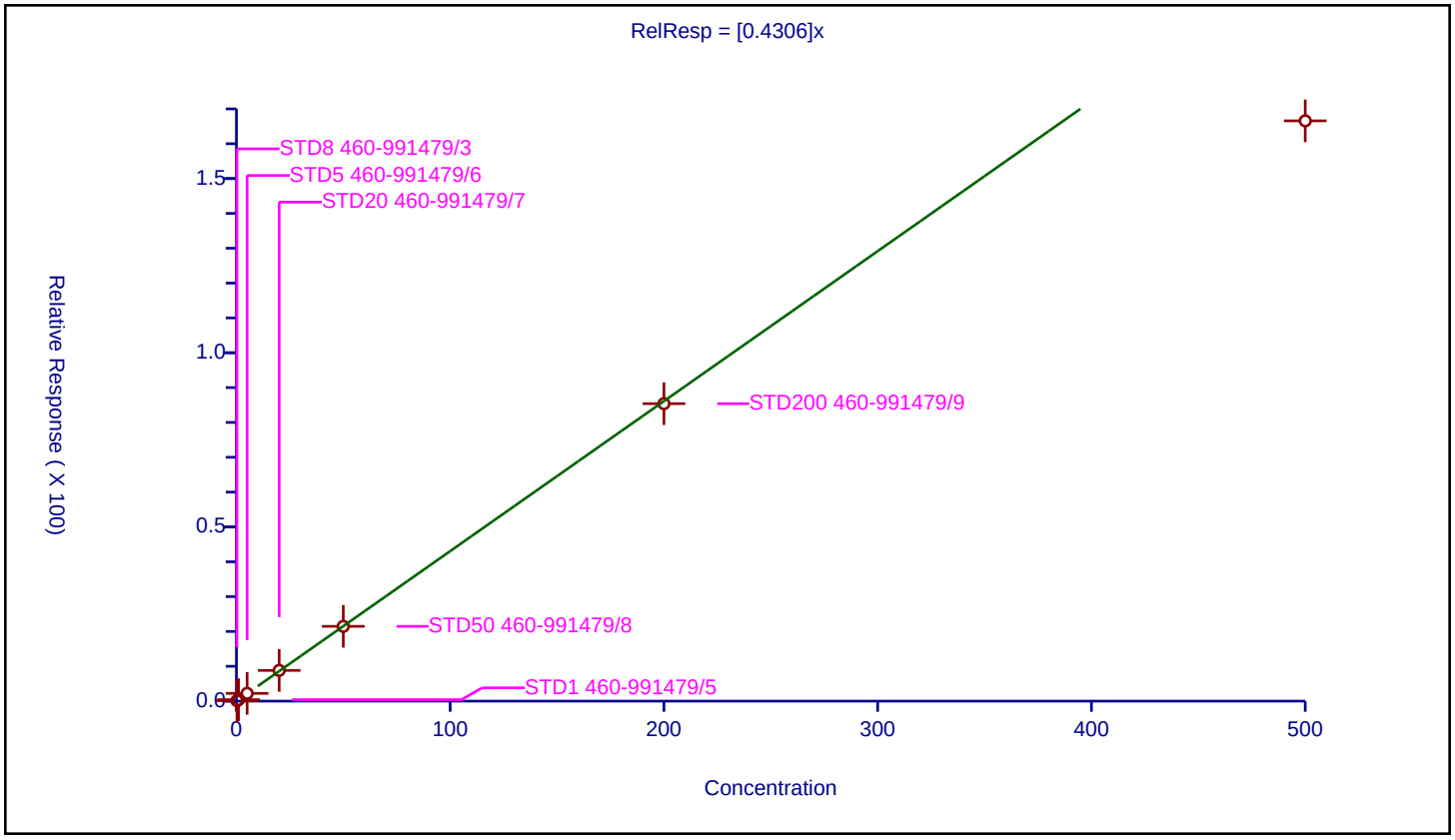
Curve Coefficients

Intercept:	0
Slope:	0.4306

Error Coefficients

Relative Standard Deviation:	13.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.25	0.130818	50.0	442598.0	0.523274	Y
2	STD1 460-991479/5	1.0	0.414854	50.0	421956.0	0.414854	Y
3	STD5 460-991479/6	5.0	2.227145	50.0	406260.0	0.445429	Y
4	STD20 460-991479/7	20.0	8.81616	50.0	424272.0	0.440808	Y
5	STD50 460-991479/8	50.0	21.472087	50.0	398706.0	0.429442	Y
6	STD200 460-991479/9	200.0	85.394831	50.0	407301.0	0.426974	Y
7	STD500 460-991479/10	500.0	166.570024	50.0	483050.0	0.33314	Y



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Calibration / Bromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

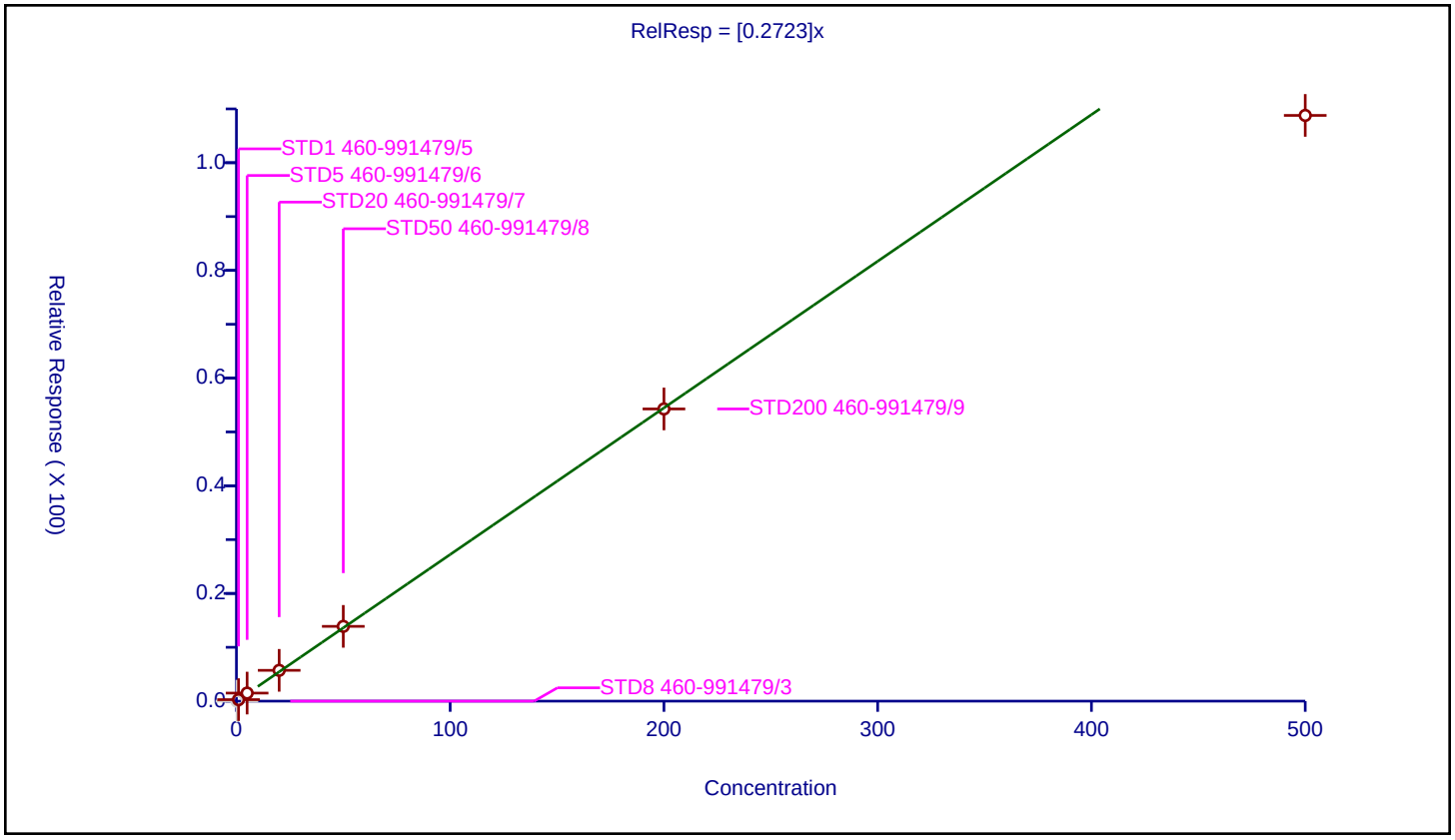
Curve Coefficients

Intercept:	0
Slope:	0.2723

Error Coefficients

Relative Standard Deviation:	10.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.25	0.0	50.0	442598.0	0.0	N
2	STD1 460-991479/5	1.0	0.281901	50.0	421956.0	0.281901	Y
3	STD5 460-991479/6	5.0	1.496702	50.0	406260.0	0.29934	Y
4	STD20 460-991479/7	20.0	5.720623	50.0	424272.0	0.286031	Y
5	STD50 460-991479/8	50.0	13.887175	50.0	398706.0	0.277744	Y
6	STD200 460-991479/9	200.0	54.270183	50.0	407301.0	0.271351	Y
7	STD500 460-991479/10	500.0	108.78967	50.0	483050.0	0.217579	Y



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Calibration / Chloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

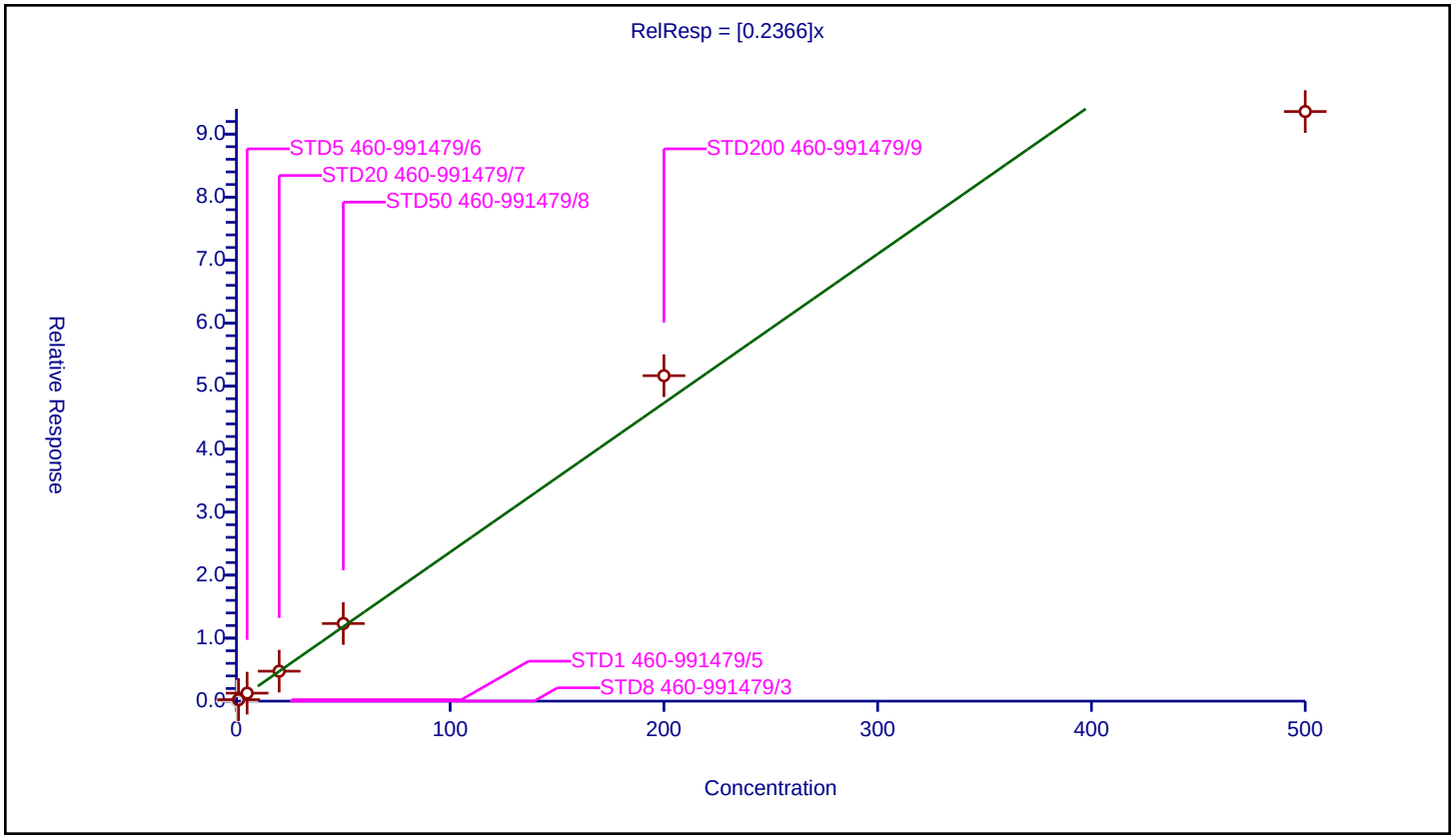
Curve Coefficients

Intercept:	0
Slope:	0.2366

Error Coefficients

Relative Standard Deviation:	10.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.25	0.0	50.0	442598.0	0.0	N
2	STD1 460-991479/5	1.0	0.235688	50.0	421956.0	0.235688	Y
3	STD5 460-991479/6	5.0	1.271476	50.0	406260.0	0.254295	Y
4	STD20 460-991479/7	20.0	4.754851	50.0	424272.0	0.237743	Y
5	STD50 460-991479/8	50.0	12.318601	50.0	398706.0	0.246372	Y
6	STD200 460-991479/9	200.0	51.657128	50.0	407301.0	0.258286	Y
7	STD500 460-991479/10	500.0	93.580685	50.0	483050.0	0.187161	Y



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Calibration / Dichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

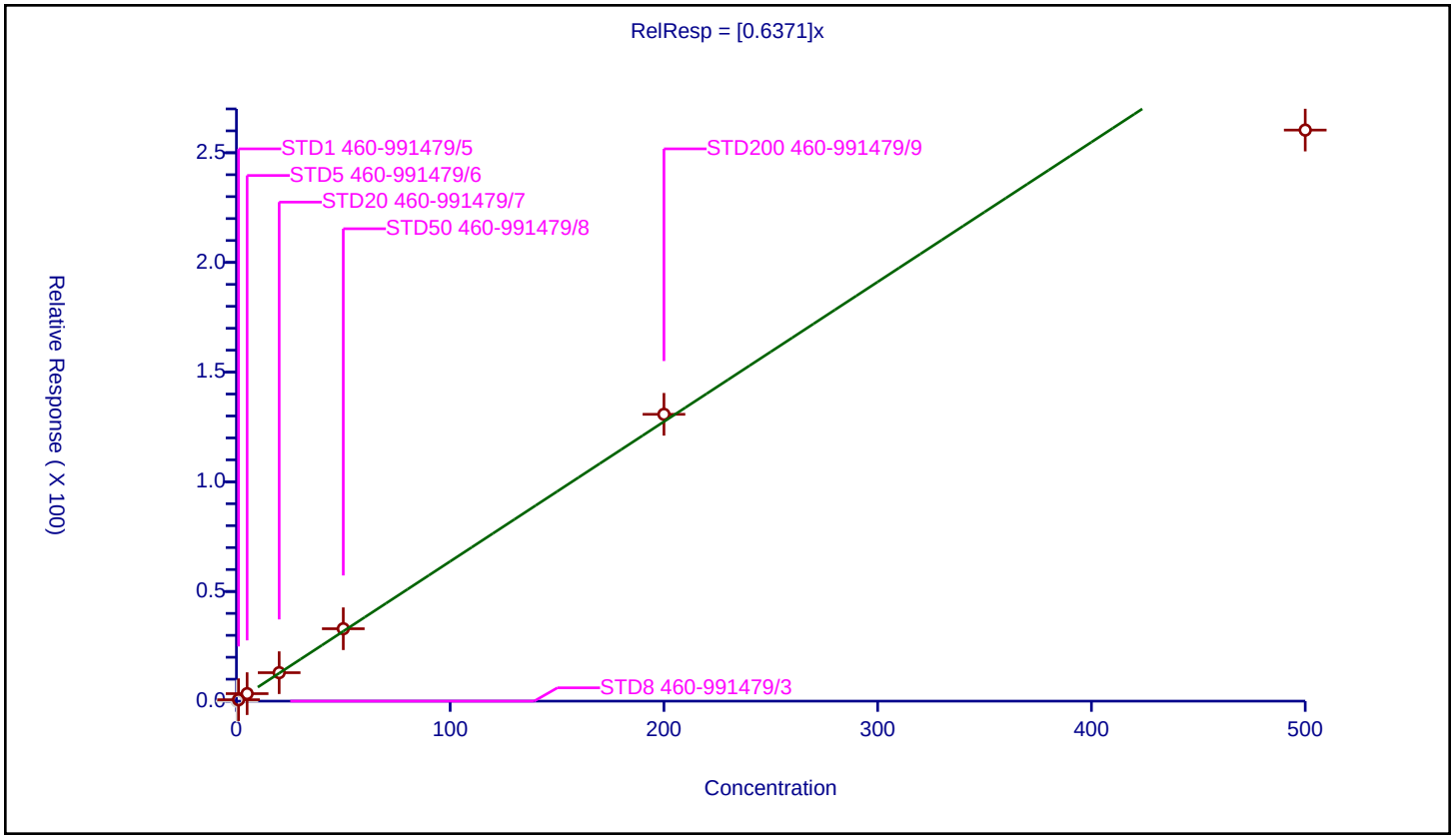
Curve Coefficients

Intercept:	0
Slope:	0.6371

Error Coefficients

Relative Standard Deviation:	9.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.25	0.0	50.0	442598.0	0.0	N
2	STD1 460-991479/5	1.0	0.655045	50.0	421956.0	0.655045	Y
3	STD5 460-991479/6	5.0	3.420962	50.0	406260.0	0.684192	Y
4	STD20 460-991479/7	20.0	12.978231	50.0	424272.0	0.648912	Y
5	STD50 460-991479/8	50.0	33.004645	50.0	398706.0	0.660093	Y
6	STD200 460-991479/9	200.0	130.765945	50.0	407301.0	0.65383	Y
7	STD500 460-991479/10	500.0	260.346237	50.0	483050.0	0.520692	Y



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Calibration / Trichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

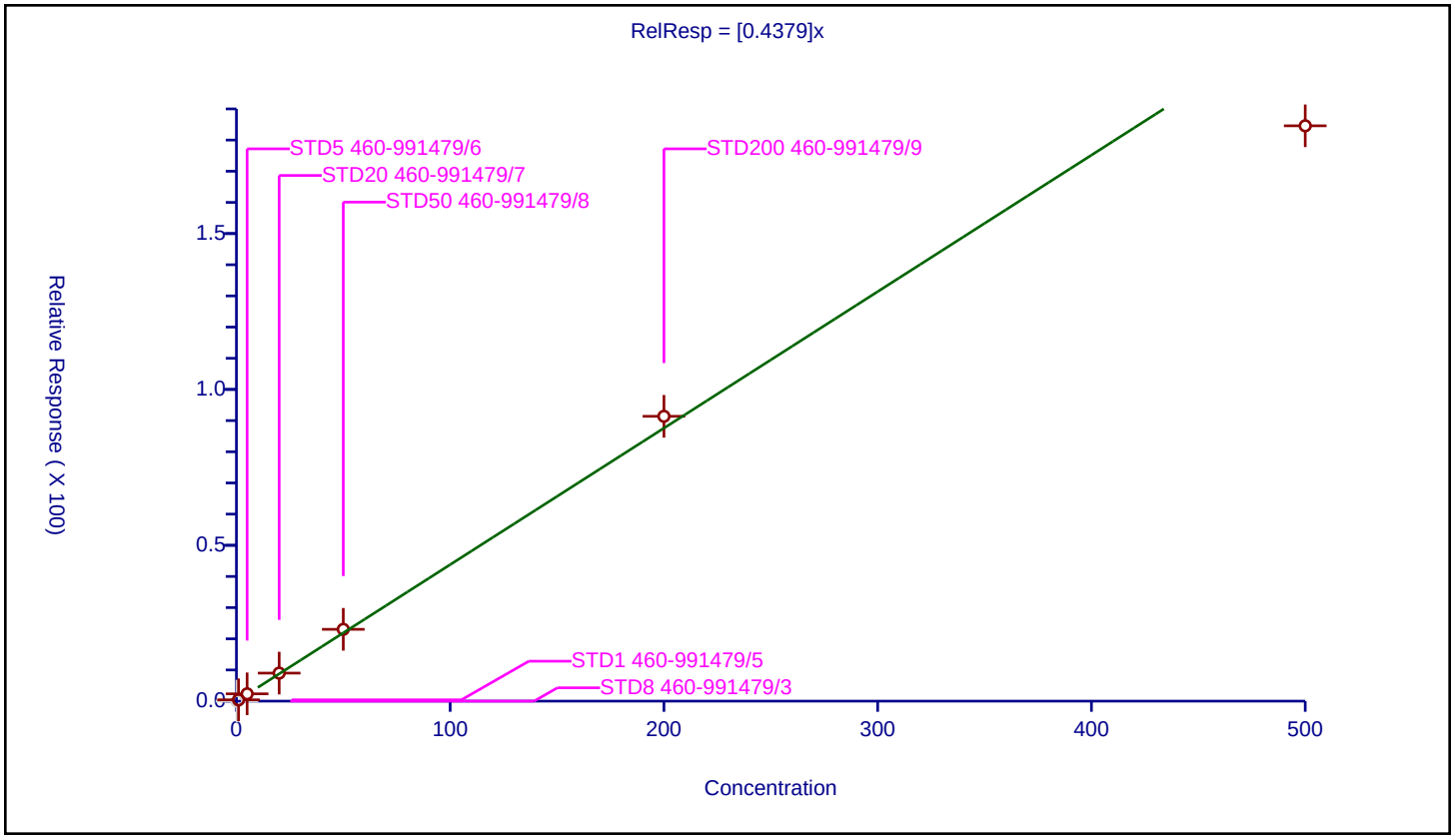
Curve Coefficients

Intercept:	0
Slope:	0.4379

Error Coefficients

Relative Standard Deviation:	8.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.25	0.0	50.0	442598.0	0.0	N
2	STD1 460-991479/5	1.0	0.421015	50.0	421956.0	0.421015	Y
3	STD5 460-991479/6	5.0	2.349481	50.0	406260.0	0.469896	Y
4	STD20 460-991479/7	20.0	8.99588	50.0	424272.0	0.449794	Y
5	STD50 460-991479/8	50.0	23.04016	50.0	398706.0	0.460803	Y
6	STD200 460-991479/9	200.0	91.380699	50.0	407301.0	0.456903	Y
7	STD500 460-991479/10	500.0	184.57168	50.0	483050.0	0.369143	Y



Calibration / Pentane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

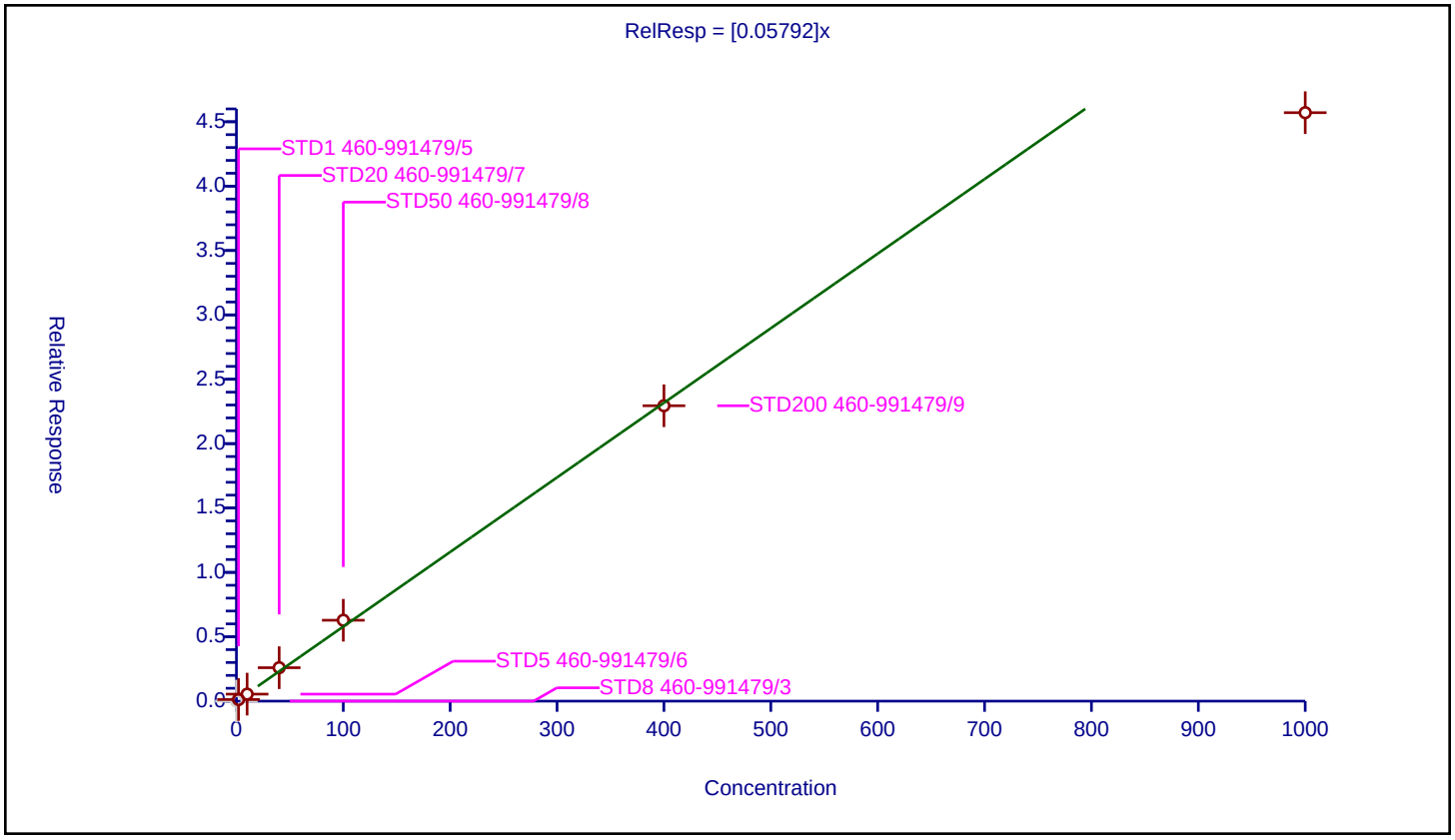
Curve Coefficients

Intercept:	0
Slope:	0.05792

Error Coefficients

Relative Standard Deviation:	12.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	442598.0	NaN	N
2	STD1 460-991479/5	2.0	0.124184	50.0	421956.0	0.062092	Y
3	STD5 460-991479/6	10.0	0.545833	50.0	406260.0	0.054583	Y
4	STD20 460-991479/7	40.0	2.597626	50.0	424272.0	0.064941	Y
5	STD50 460-991479/8	100.0	6.284455	50.0	398706.0	0.062845	Y
6	STD200 460-991479/9	400.0	22.943965	50.0	407301.0	0.05736	Y
7	STD500 460-991479/10	1000.0	45.706759	50.0	483050.0	0.045707	Y



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Calibration / Ethanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

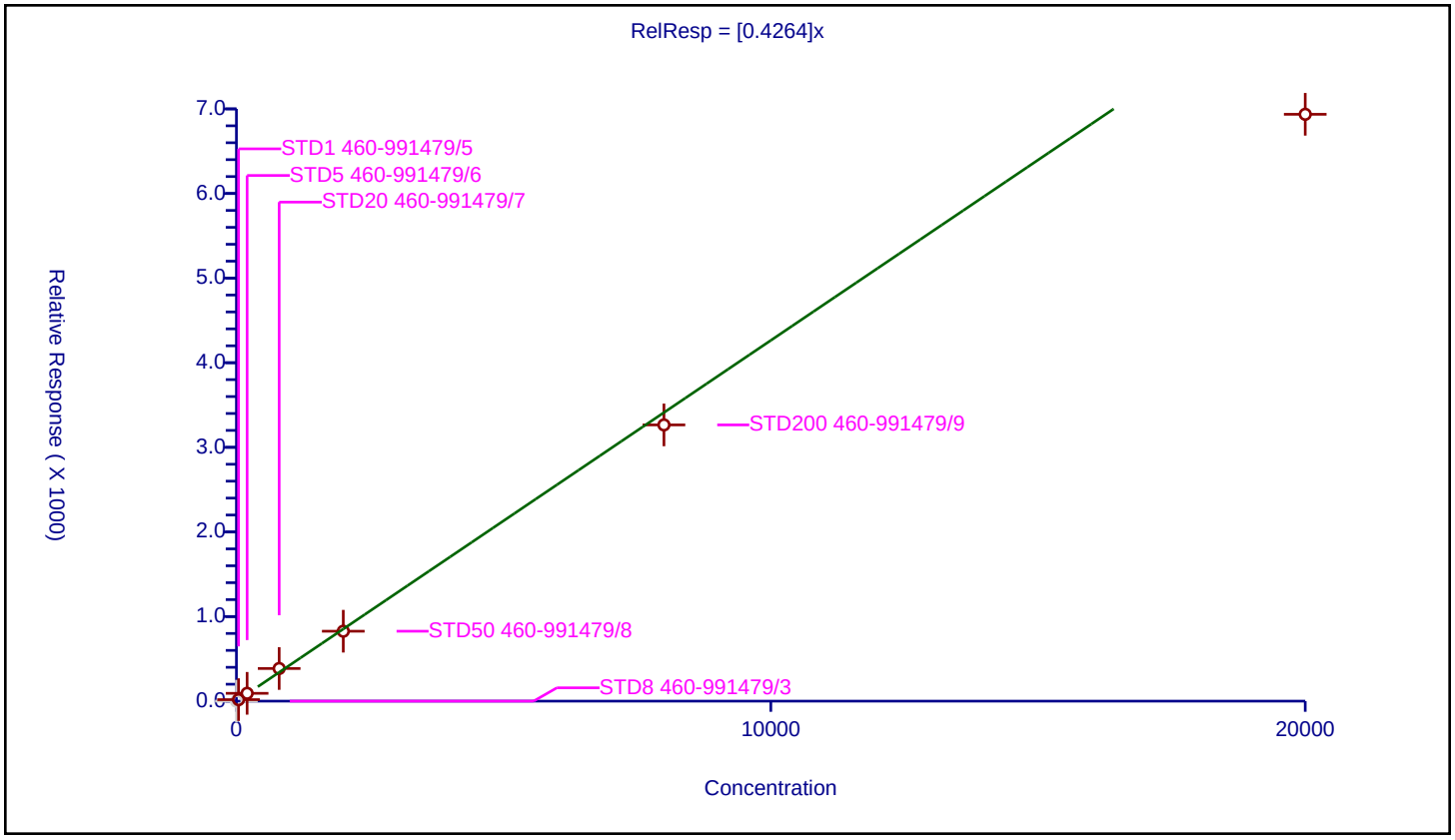
Curve Coefficients

Intercept:	0
Slope:	0.4264

Error Coefficients

Relative Standard Deviation:	11.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	1000.0	14272.0	NaN	N
2	STD1 460-991479/5	40.0	17.815771	1000.0	12517.0	0.445394	Y
3	STD5 460-991479/6	200.0	92.487302	1000.0	13191.0	0.462437	Y
4	STD20 460-991479/7	800.0	385.924453	1000.0	12575.0	0.482406	Y
5	STD50 460-991479/8	2000.0	826.351509	1000.0	12819.0	0.413176	Y
6	STD200 460-991479/9	8000.0	3264.914055	1000.0	11868.0	0.408114	Y
7	STD500 460-991479/10	20000.0	6936.013674	1000.0	13456.0	0.346801	Y



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Calibration / Ethyl ether

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

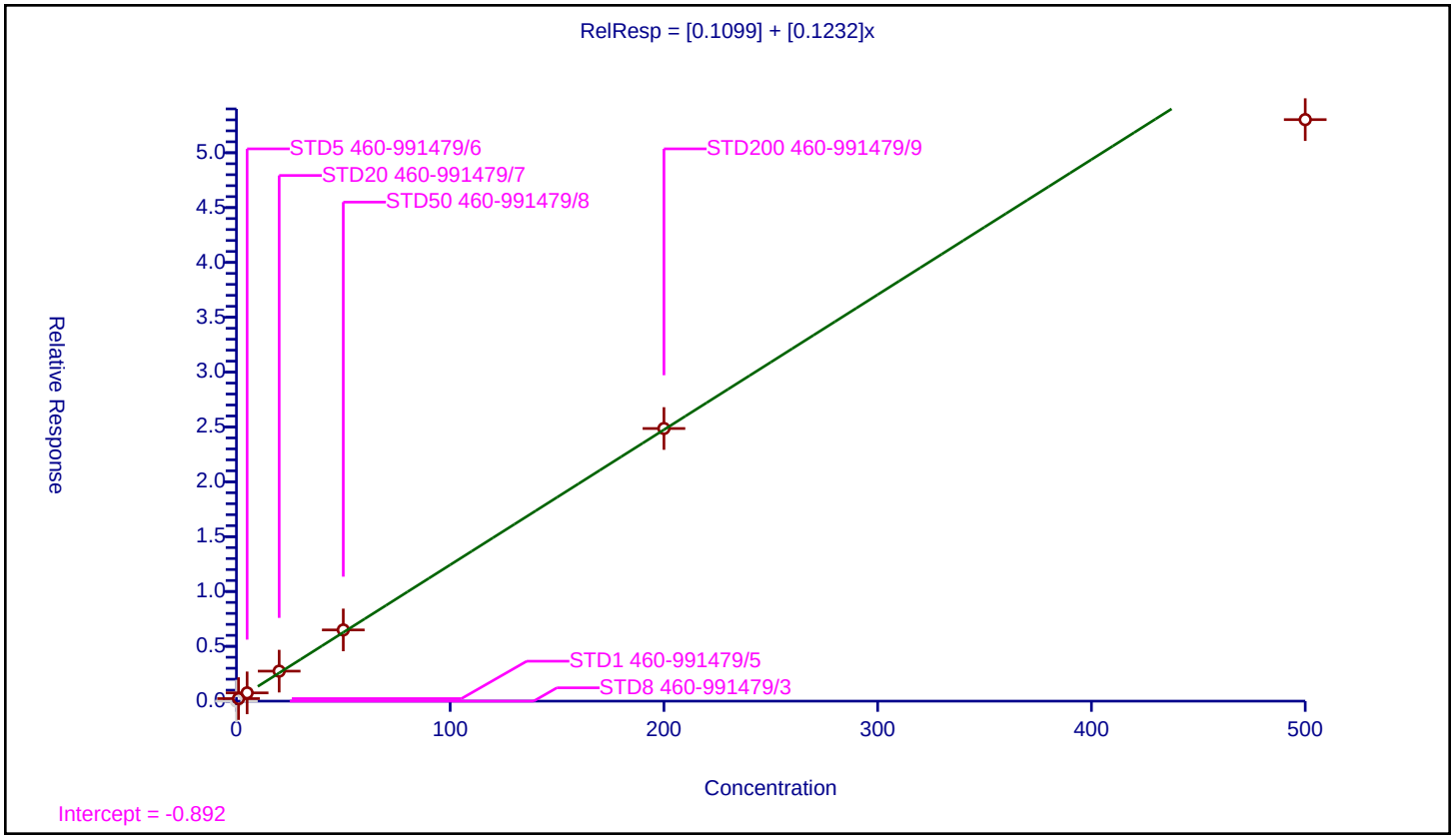
Curve Coefficients

Intercept:	0.1099
Slope:	0.1232

Error Coefficients

Relative Standard Deviation:	8.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	442598.0	NaN	N
2	STD1 460-991479/5	1.0	0.231422	50.0	421956.0	0.231422	Y
3	STD5 460-991479/6	5.0	0.754935	50.0	406260.0	0.150987	Y
4	STD20 460-991479/7	20.0	2.735274	50.0	424272.0	0.136764	Y
5	STD50 460-991479/8	50.0	6.49313	50.0	398706.0	0.129863	Y
6	STD200 460-991479/9	200.0	24.859379	50.0	407301.0	0.124297	Y
7	STD500 460-991479/10	500.0	53.021219	50.0	483050.0	0.106042	Y



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Calibration / 2-Methyl-1,3-butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

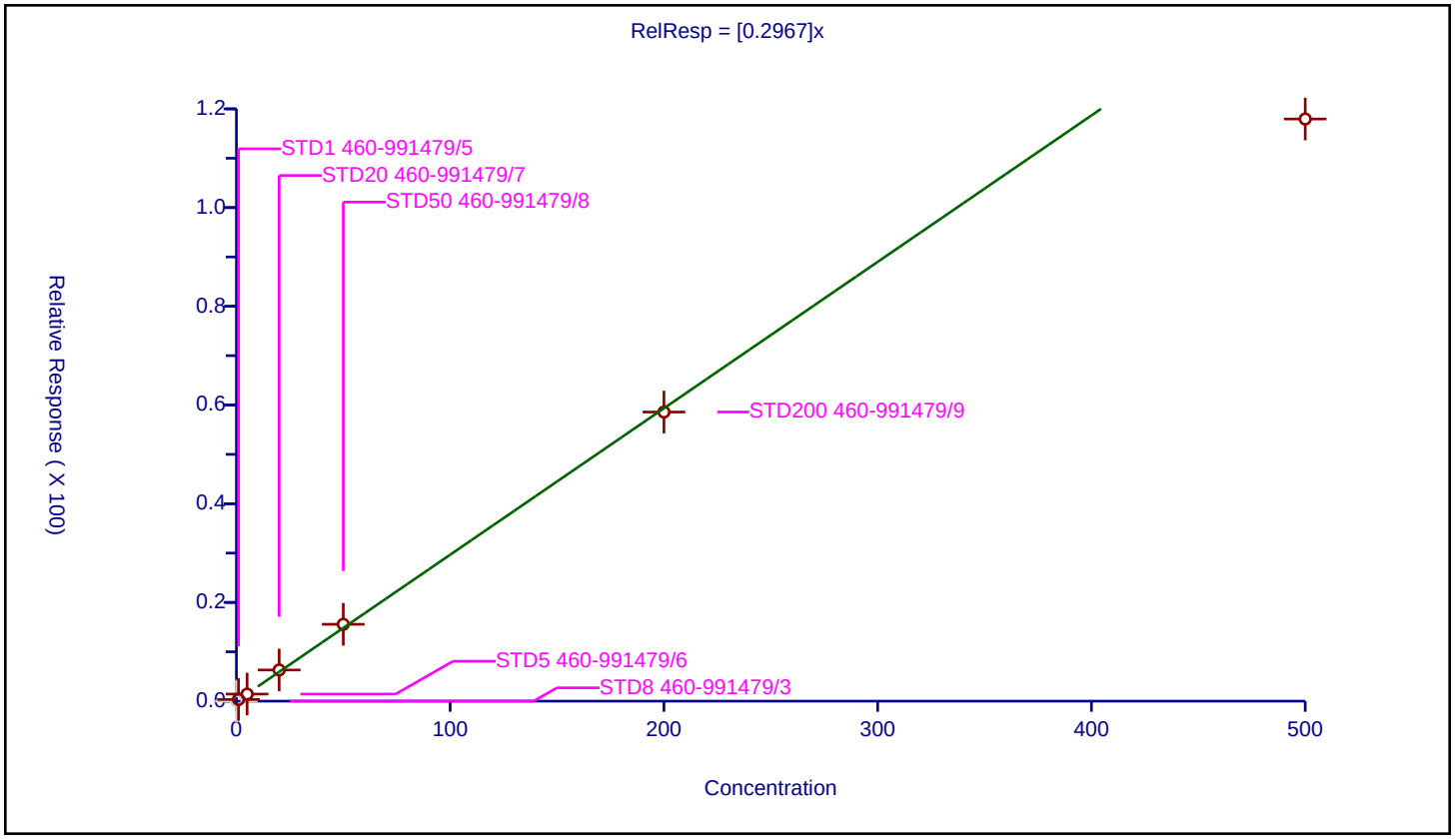
Curve Coefficients

Intercept:	0
Slope:	0.2967

Error Coefficients

Relative Standard Deviation:	11.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	442598.0	NaN	N
2	STD1 460-991479/5	1.0	0.337713	50.0	421956.0	0.337713	Y
3	STD5 460-991479/6	5.0	1.433072	50.0	406260.0	0.286614	Y
4	STD20 460-991479/7	20.0	6.310339	50.0	424272.0	0.315517	Y
5	STD50 460-991479/8	50.0	15.571875	50.0	398706.0	0.311438	Y
6	STD200 460-991479/9	200.0	58.57474	50.0	407301.0	0.292874	Y
7	STD500 460-991479/10	500.0	117.949798	50.0	483050.0	0.2359	Y



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Calibration / 1,2-Dichloro-1,1,2-trifluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

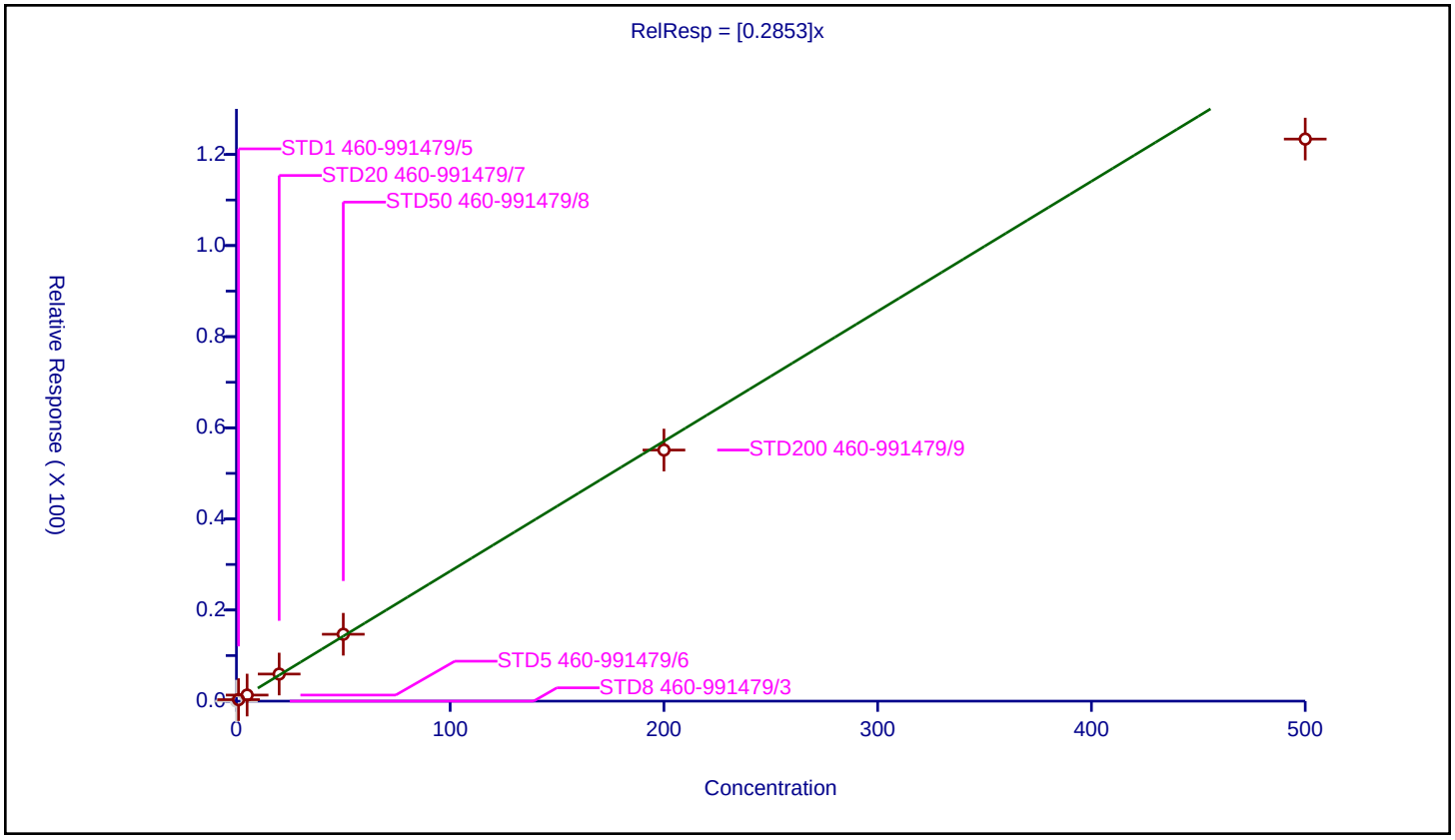
Curve Coefficients

Intercept:	0
Slope:	0.2853

Error Coefficients

Relative Standard Deviation:	10.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	442598.0	NaN	N
2	STD1 460-991479/5	1.0	0.330485	50.0	421956.0	0.330485	Y
3	STD5 460-991479/6	5.0	1.338429	50.0	406260.0	0.267686	Y
4	STD20 460-991479/7	20.0	5.95031	50.0	424272.0	0.297516	Y
5	STD50 460-991479/8	50.0	14.67999	50.0	398706.0	0.2936	Y
6	STD200 460-991479/9	200.0	55.113049	50.0	407301.0	0.275565	Y
7	STD500 460-991479/10	500.0	123.373357	50.0	483050.0	0.246747	Y



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Calibration / 1,1,1-Trifluoro-2,2-dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

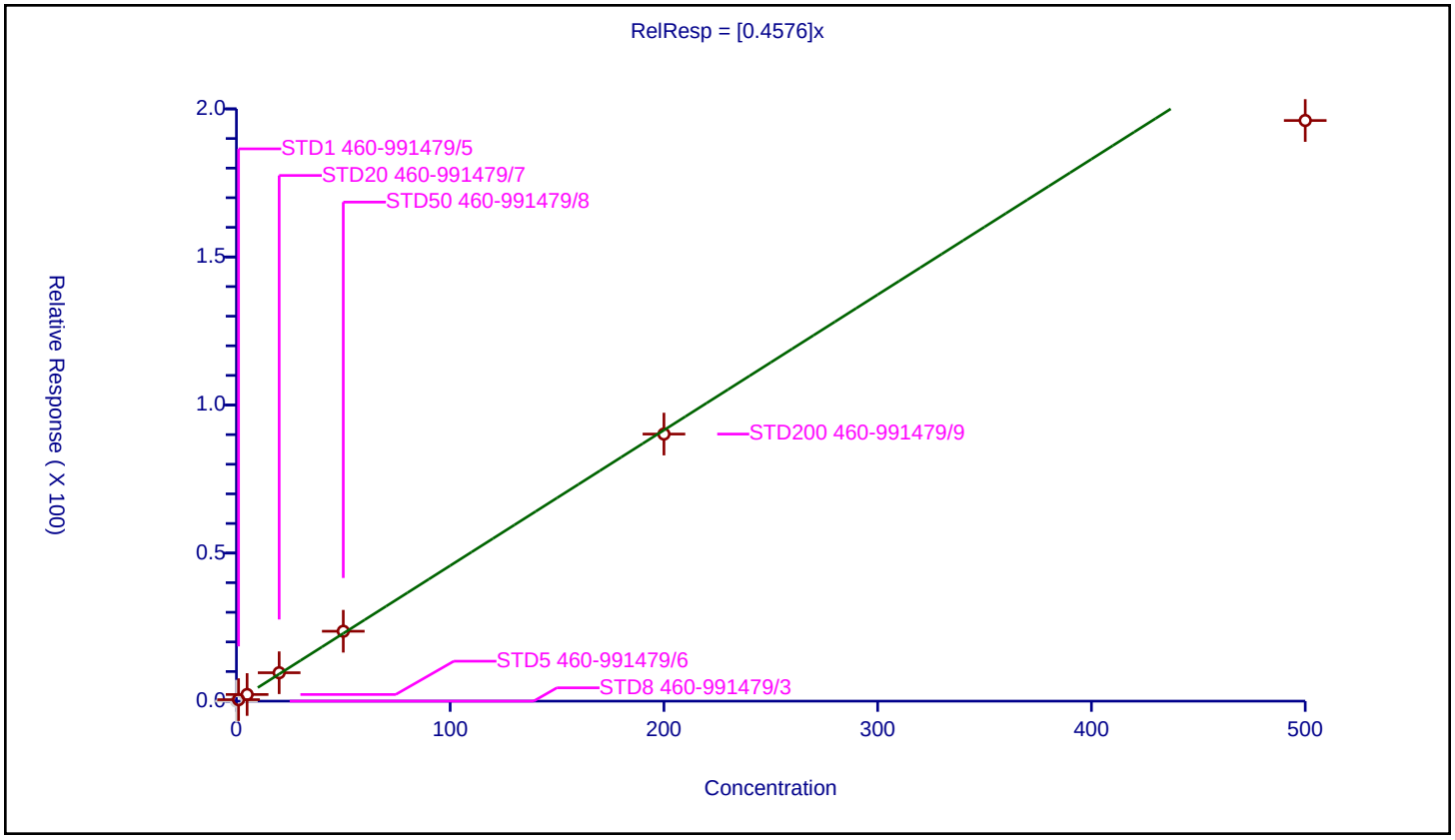
Curve Coefficients

Intercept:	0
Slope:	0.4576

Error Coefficients

Relative Standard Deviation:	8.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	442598.0	NaN	N
2	STD1 460-991479/5	1.0	0.502422	50.0	421956.0	0.502422	Y
3	STD5 460-991479/6	5.0	2.241545	50.0	406260.0	0.448309	Y
4	STD20 460-991479/7	20.0	9.591606	50.0	424272.0	0.47958	Y
5	STD50 460-991479/8	50.0	23.601727	50.0	398706.0	0.472035	Y
6	STD200 460-991479/9	200.0	90.185637	50.0	407301.0	0.450928	Y
7	STD500 460-991479/10	500.0	196.075665	50.0	483050.0	0.392151	Y



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Calibration / Acrolein

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

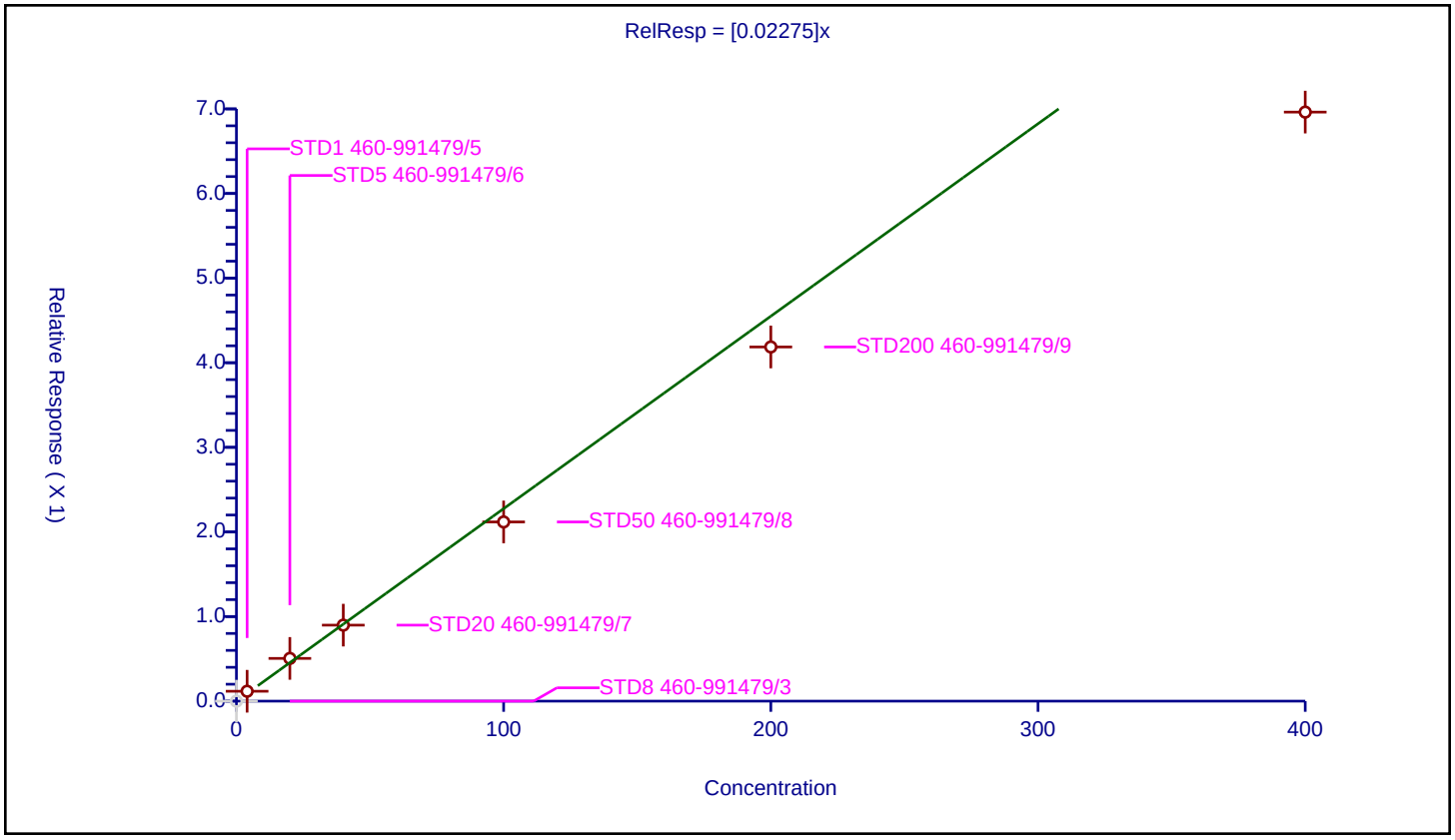
Curve Coefficients

Intercept:	0
Slope:	0.02275

Error Coefficients

Relative Standard Deviation:	17.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	442598.0	NaN	N
2	STD1 460-991479/5	4.0	0.117074	50.0	421956.0	0.029268	Y
3	STD5 460-991479/6	20.0	0.504972	50.0	406260.0	0.025249	Y
4	STD20 460-991479/7	40.0	0.898127	50.0	424272.0	0.022453	Y
5	STD50 460-991479/8	100.0	2.117977	50.0	398706.0	0.02118	Y
6	STD200 460-991479/9	200.0	4.186093	50.0	407301.0	0.02093	Y
7	STD500 460-991479/10	400.0	6.962219	50.0	483050.0	0.017406	Y



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Calibration / 1,1,2-Trichloro-1,2,2-trifluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

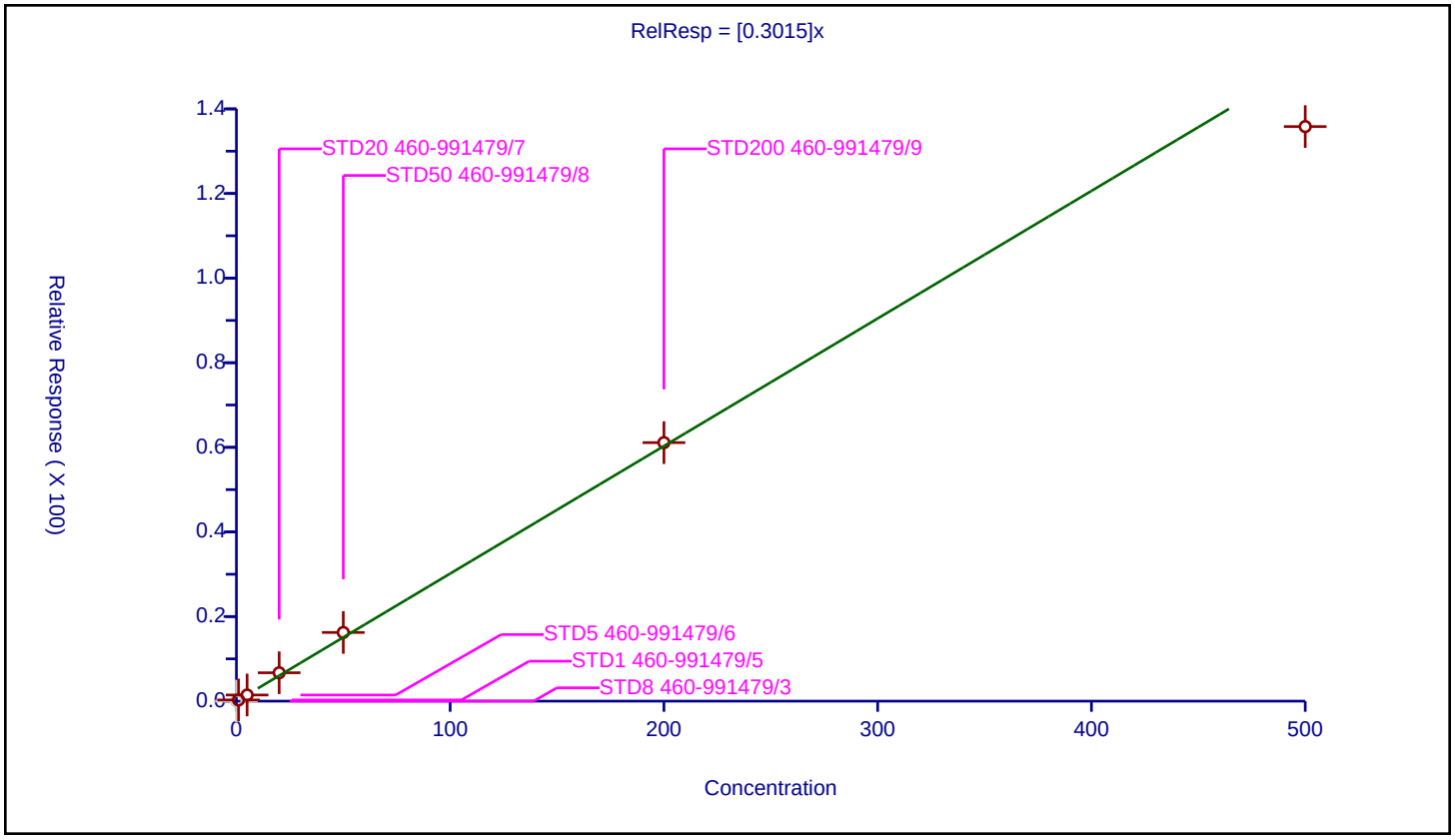
Curve Coefficients

Intercept:	0
Slope:	0.3015

Error Coefficients

Relative Standard Deviation:	8.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	442598.0	NaN	N
2	STD1 460-991479/5	1.0	0.281783	50.0	421956.0	0.281783	Y
3	STD5 460-991479/6	5.0	1.450795	50.0	406260.0	0.290159	Y
4	STD20 460-991479/7	20.0	6.70525	50.0	424272.0	0.335263	Y
5	STD50 460-991479/8	50.0	16.235773	50.0	398706.0	0.324715	Y
6	STD200 460-991479/9	200.0	61.112789	50.0	407301.0	0.305564	Y
7	STD500 460-991479/10	500.0	135.818031	50.0	483050.0	0.271636	Y



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Calibration / 1,1-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

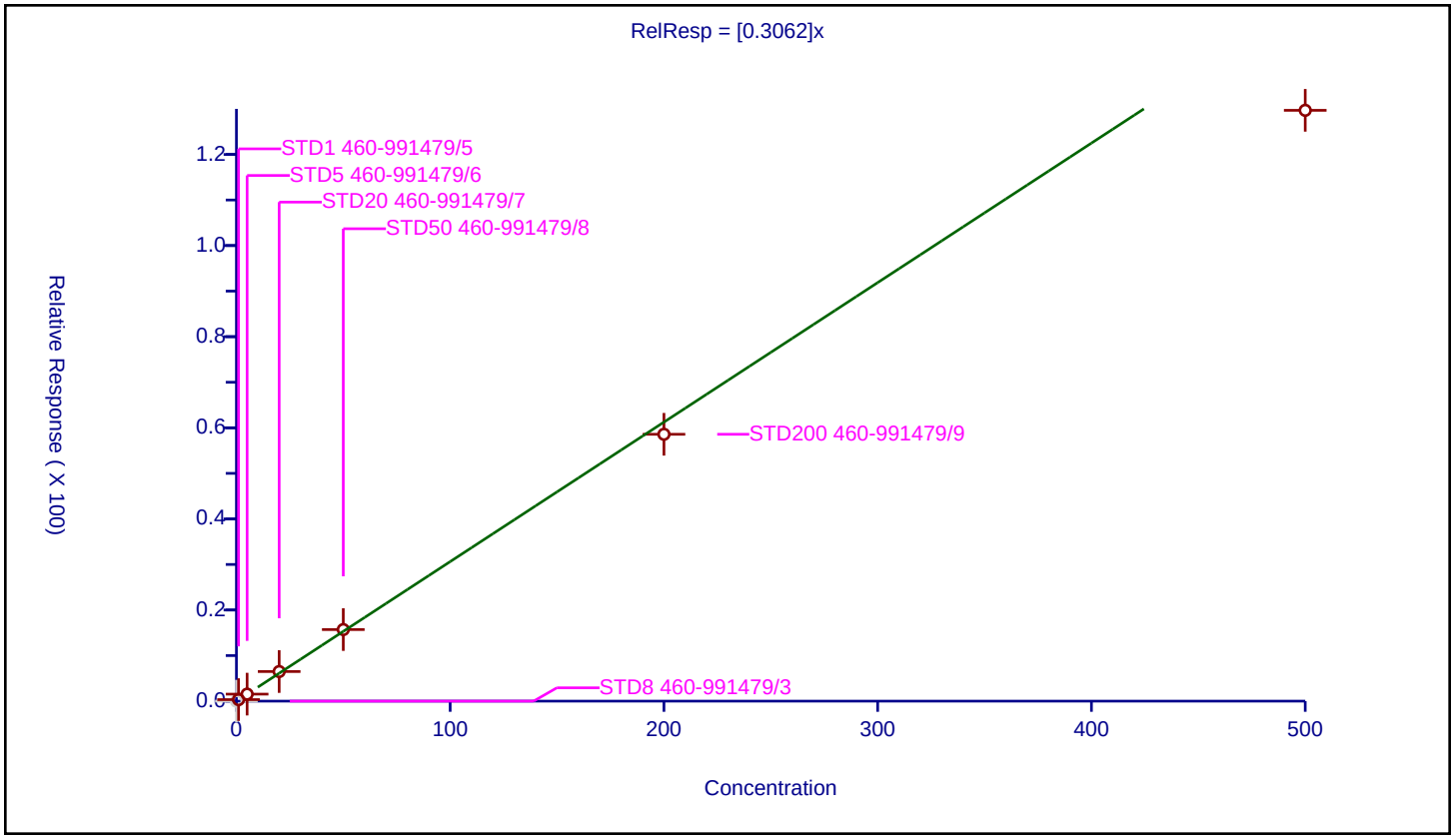
Curve Coefficients

Intercept:	0
Slope:	0.3062

Error Coefficients

Relative Standard Deviation:	9.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	442598.0	NaN	N
2	STD1 460-991479/5	1.0	0.338542	50.0	421956.0	0.338542	Y
3	STD5 460-991479/6	5.0	1.537931	50.0	406260.0	0.307586	Y
4	STD20 460-991479/7	20.0	6.495479	50.0	424272.0	0.324774	Y
5	STD50 460-991479/8	50.0	15.710448	50.0	398706.0	0.314209	Y
6	STD200 460-991479/9	200.0	58.575353	50.0	407301.0	0.292877	Y
7	STD500 460-991479/10	500.0	129.685747	50.0	483050.0	0.259371	Y



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Calibration / Acetone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

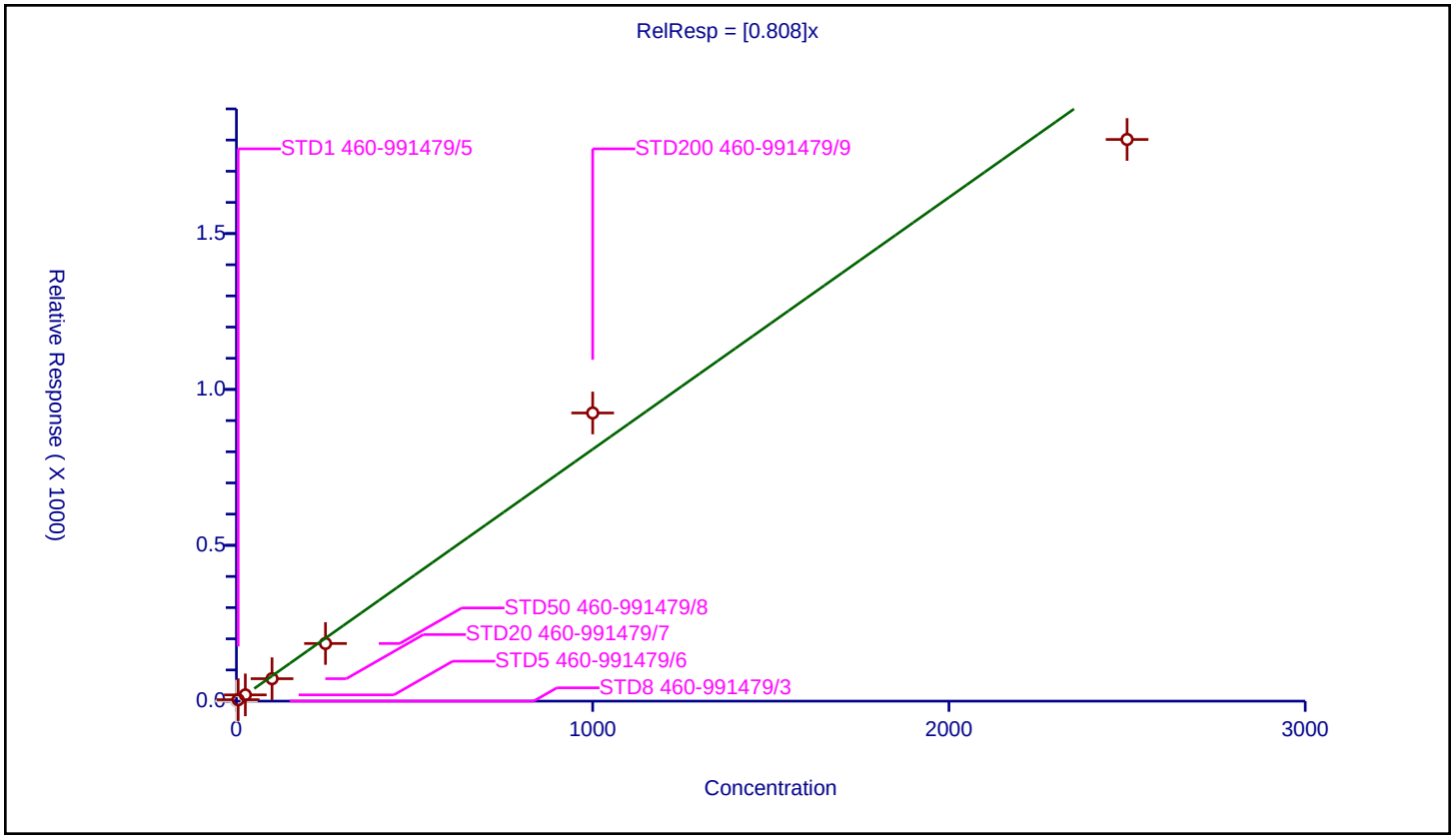
Curve Coefficients

Intercept:	0
Slope:	0.808

Error Coefficients

Relative Standard Deviation:	12.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	250.0	93659.0	NaN	N
2	STD1 460-991479/5	5.0	4.698318	250.0	87957.0	0.939664	Y
3	STD5 460-991479/6	25.0	20.097782	250.0	85905.0	0.803911	Y
4	STD20 460-991479/7	100.0	71.950608	250.0	87706.0	0.719506	Y
5	STD50 460-991479/8	250.0	184.984937	250.0	83646.0	0.73994	Y
6	STD200 460-991479/9	1000.0	924.510518	250.0	85141.0	0.924511	Y
7	STD500 460-991479/10	2500.0	1801.890593	250.0	107982.0	0.720756	Y



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Calibration / Iodomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

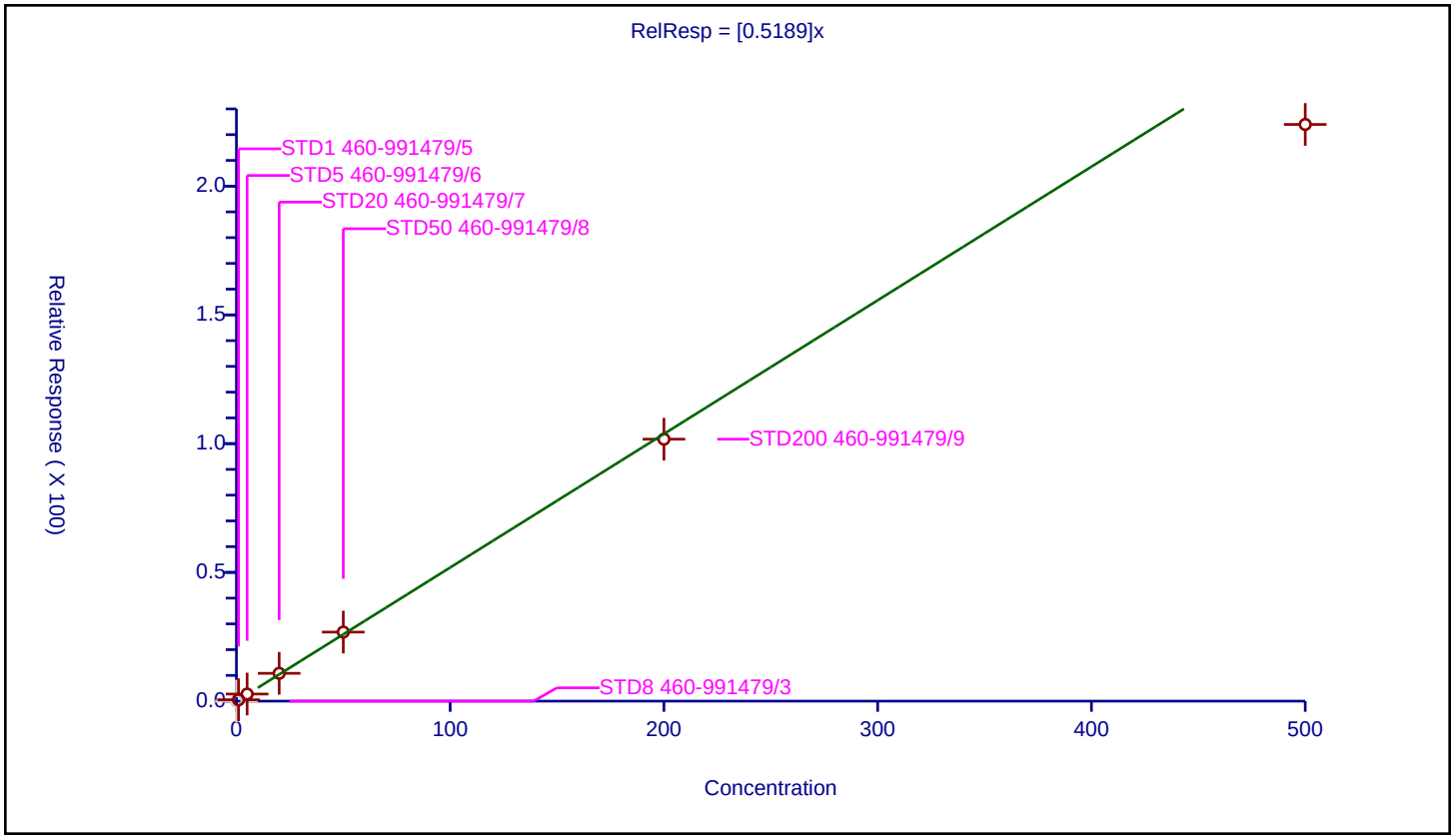
Curve Coefficients

Intercept:	0
Slope:	0.5189

Error Coefficients

Relative Standard Deviation:	7.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	442598.0	NaN	N
2	STD1 460-991479/5	1.0	0.528728	50.0	421956.0	0.528728	Y
3	STD5 460-991479/6	5.0	2.758209	50.0	406260.0	0.551642	Y
4	STD20 460-991479/7	20.0	10.802268	50.0	424272.0	0.540113	Y
5	STD50 460-991479/8	50.0	26.815498	50.0	398706.0	0.53631	Y
6	STD200 460-991479/9	200.0	101.728697	50.0	407301.0	0.508643	Y
7	STD500 460-991479/10	500.0	223.962737	50.0	483050.0	0.447925	Y



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Calibration / Isopropyl alcohol

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

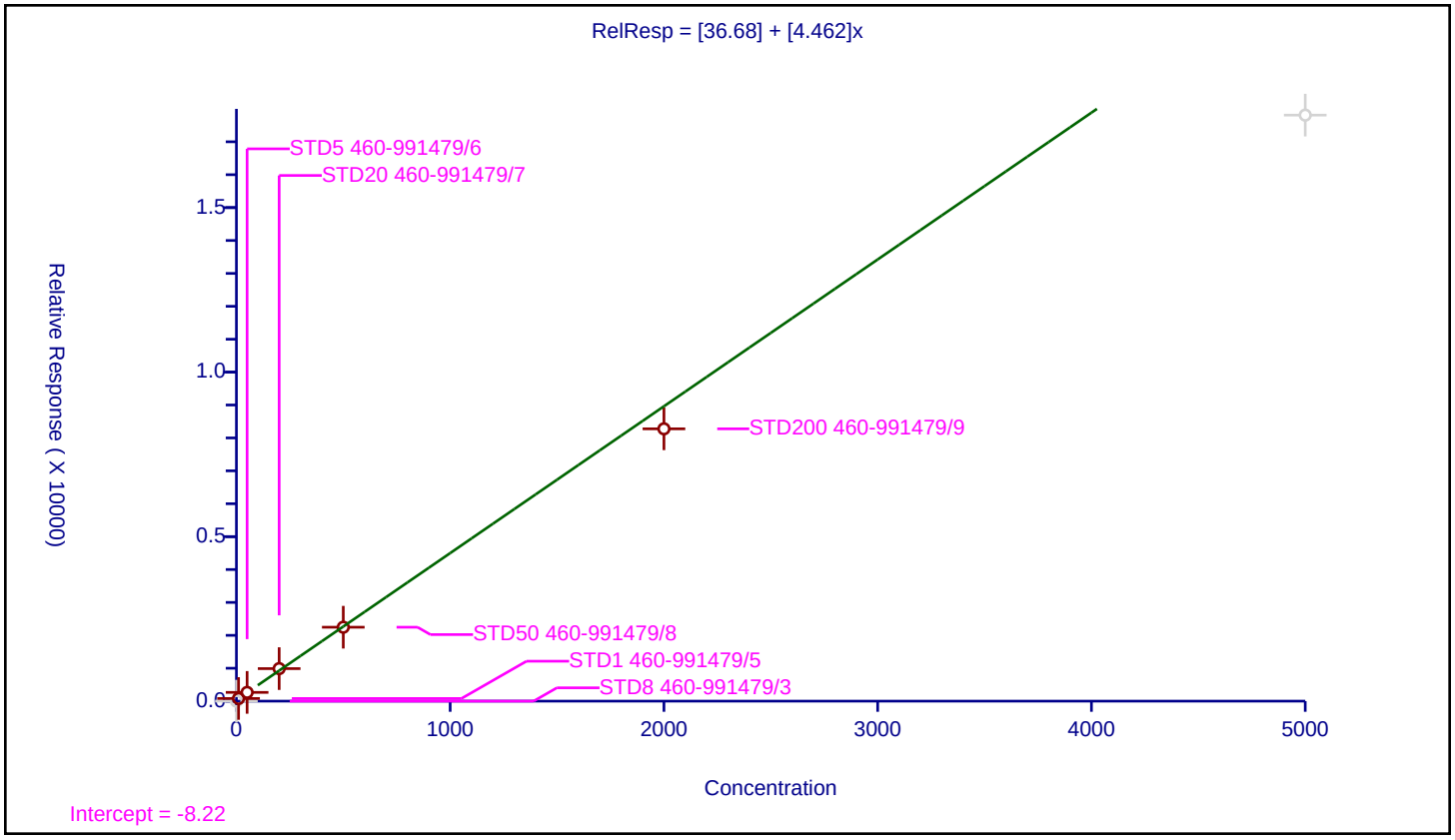
Curve Coefficients

Intercept:	36.68
Slope:	4.462

Error Coefficients

Relative Standard Deviation:	6.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	1000.0	14272.0	NaN	N
2	STD1 460-991479/5	10.0	80.929935	1000.0	12517.0	8.092994	Y
3	STD5 460-991479/6	50.0	266.014707	1000.0	13191.0	5.320294	Y
4	STD20 460-991479/7	200.0	988.548708	1000.0	12575.0	4.942744	Y
5	STD50 460-991479/8	500.0	2246.821125	1000.0	12819.0	4.493642	Y
6	STD200 460-991479/9	2000.0	8276.120661	1000.0	11868.0	4.13806	Y
7	STD500 460-991479/10	5000.0	17810.567776	1000.0	13456.0	3.562114	N



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Calibration / Carbon disulfide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

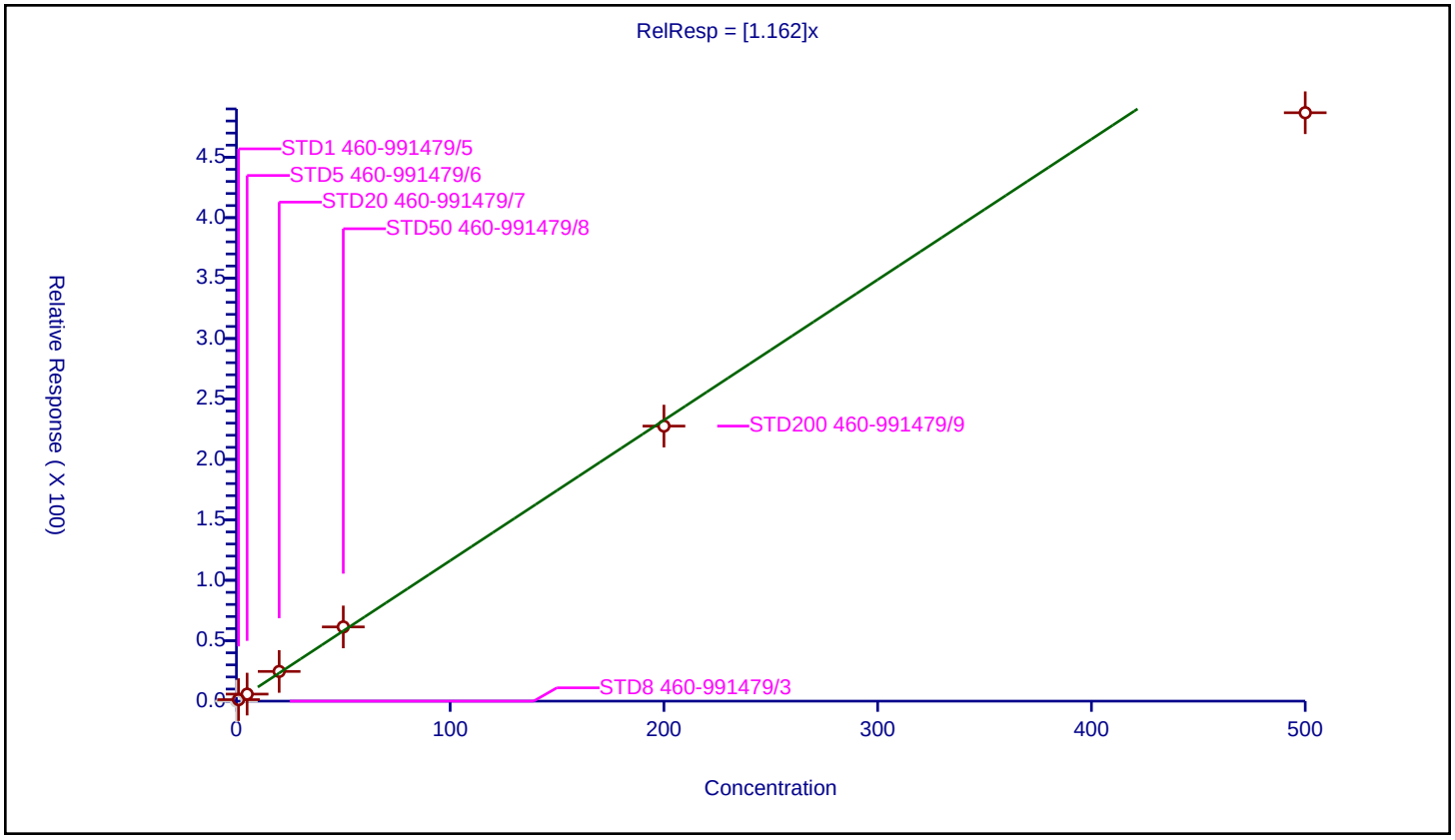
Curve Coefficients

Intercept:	0
Slope:	1.162

Error Coefficients

Relative Standard Deviation:	8.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	442598.0	NaN	N
2	STD1 460-991479/5	1.0	1.240888	50.0	421956.0	1.240888	Y
3	STD5 460-991479/6	5.0	5.822503	50.0	406260.0	1.164501	Y
4	STD20 460-991479/7	20.0	24.581165	50.0	424272.0	1.229058	Y
5	STD50 460-991479/8	50.0	61.398374	50.0	398706.0	1.227967	Y
6	STD200 460-991479/9	200.0	227.577025	50.0	407301.0	1.137885	Y
7	STD500 460-991479/10	500.0	486.83718	50.0	483050.0	0.973674	Y



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Calibration / 3-Chloro-1-propene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

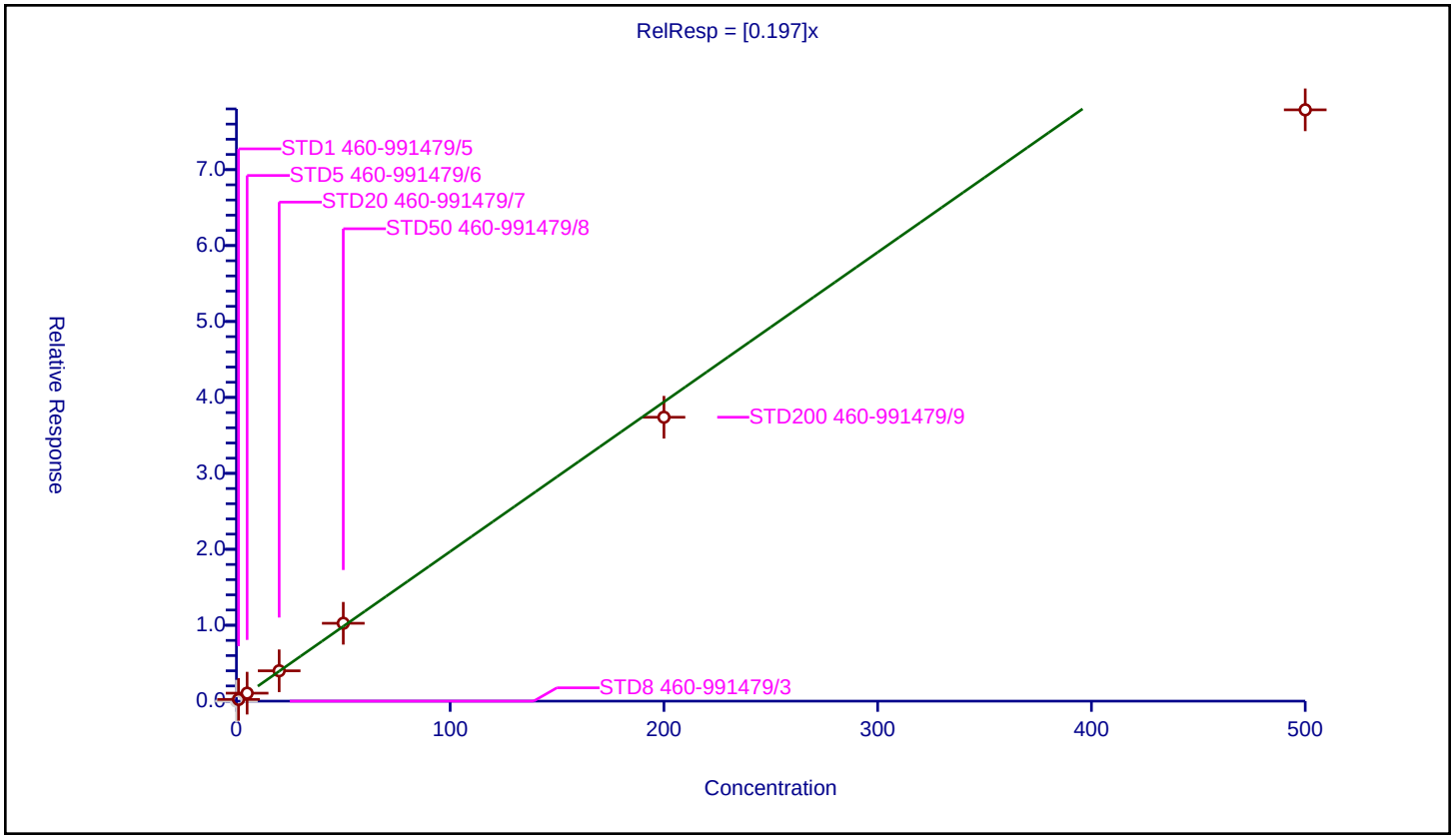
Curve Coefficients

Intercept:	0
Slope:	0.197

Error Coefficients

Relative Standard Deviation:	12.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	442598.0	NaN	N
2	STD1 460-991479/5	1.0	0.224668	50.0	421956.0	0.224668	Y
3	STD5 460-991479/6	5.0	1.04982	50.0	406260.0	0.209964	Y
4	STD20 460-991479/7	20.0	3.996611	50.0	424272.0	0.199831	Y
5	STD50 460-991479/8	50.0	10.255426	50.0	398706.0	0.205109	Y
6	STD200 460-991479/9	200.0	37.389302	50.0	407301.0	0.186947	Y
7	STD500 460-991479/10	500.0	77.875996	50.0	483050.0	0.155752	Y



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Calibration / Methyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

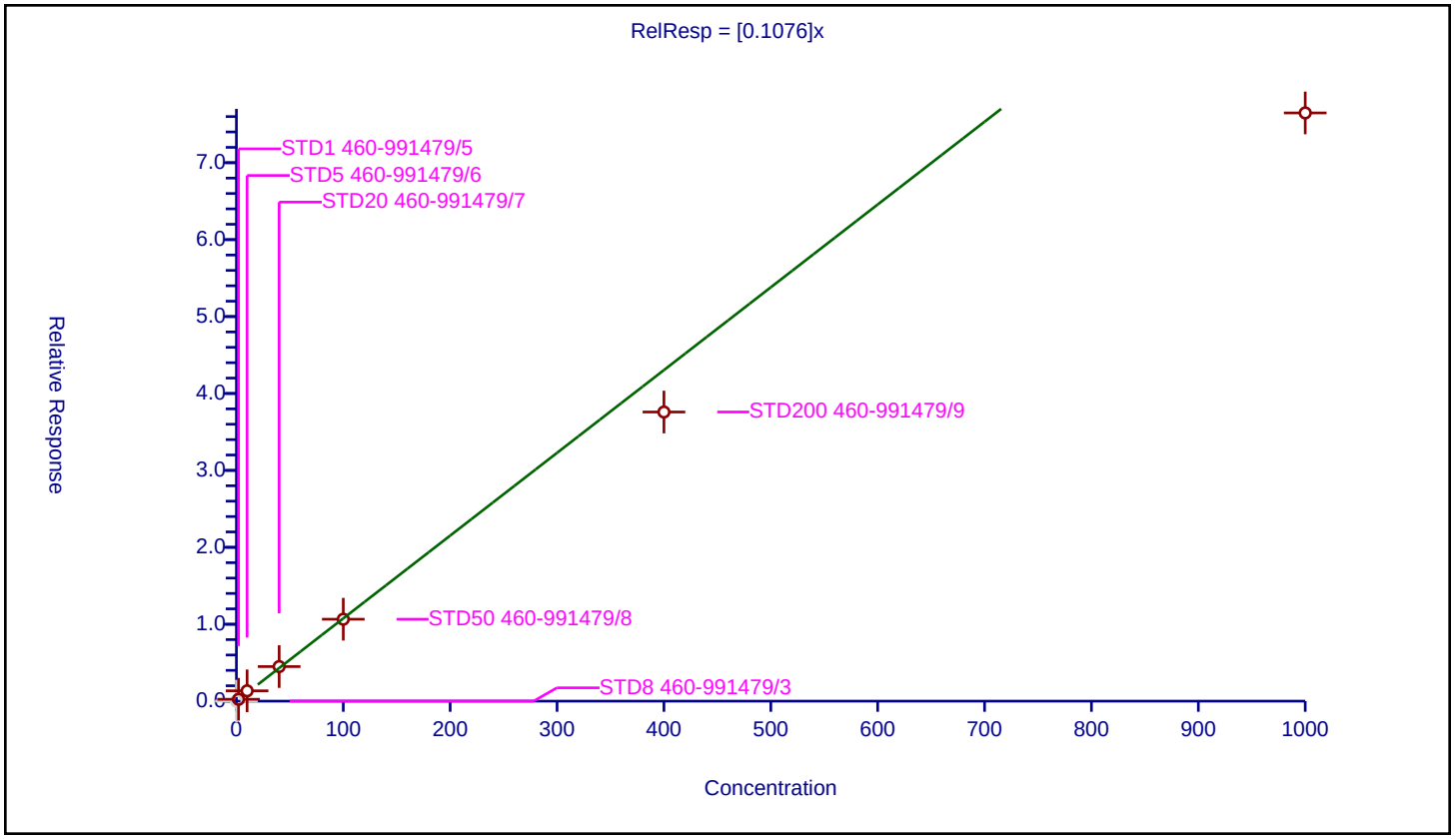
Curve Coefficients

Intercept:	0
Slope:	0.1076

Error Coefficients

Relative Standard Deviation:	19.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	442598.0	NaN	N
2	STD1 460-991479/5	2.0	0.24422	50.0	421956.0	0.12211	Y
3	STD5 460-991479/6	10.0	1.342367	50.0	406260.0	0.134237	Y
4	STD20 460-991479/7	40.0	4.494051	50.0	424272.0	0.112351	Y
5	STD50 460-991479/8	100.0	10.650956	50.0	398706.0	0.10651	Y
6	STD200 460-991479/9	400.0	37.589399	50.0	407301.0	0.093973	Y
7	STD500 460-991479/10	1000.0	76.474692	50.0	483050.0	0.076475	Y



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Calibration / Cyclopentene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

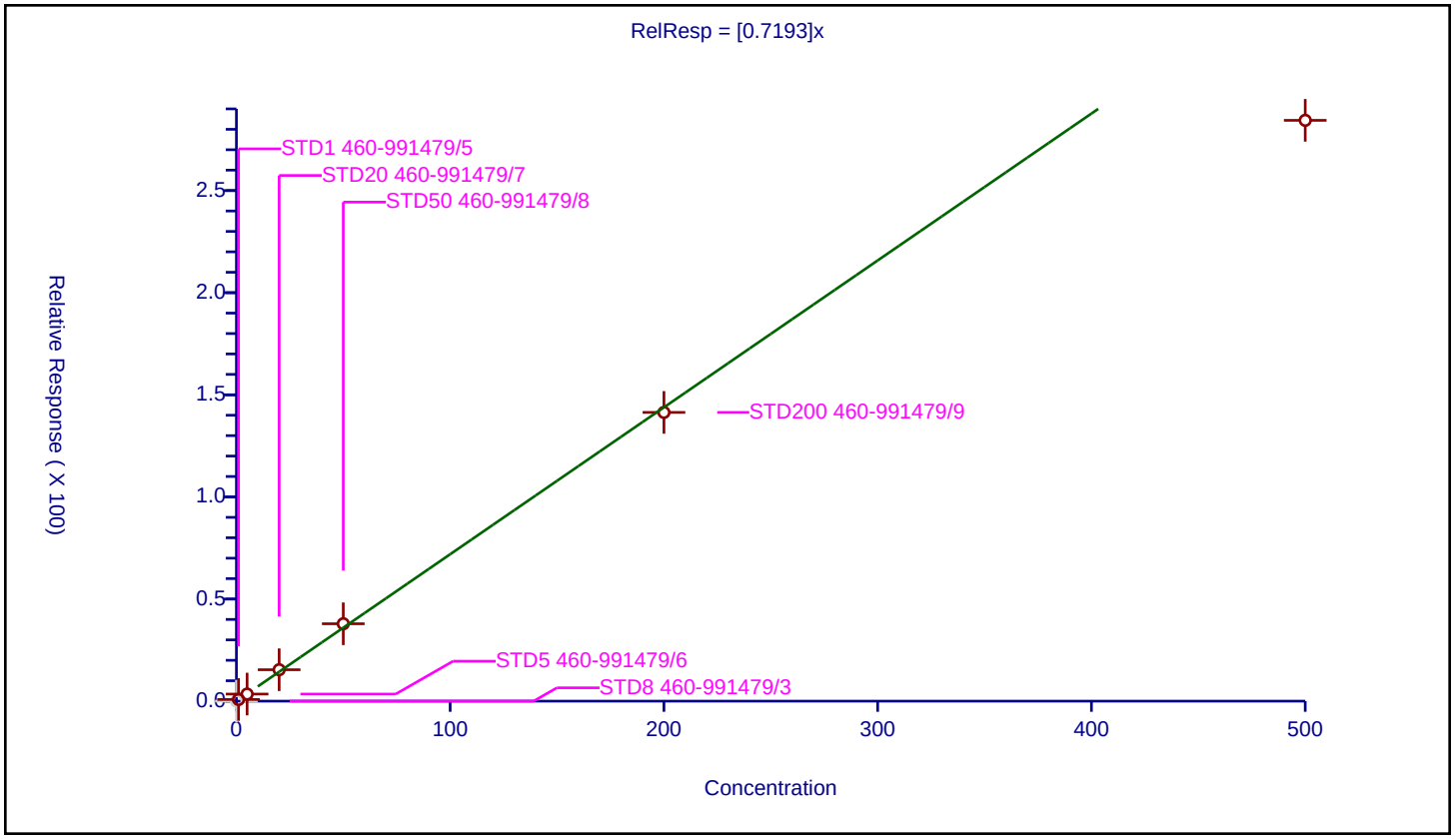
Curve Coefficients

Intercept:	0
Slope:	0.7193

Error Coefficients

Relative Standard Deviation:	12.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	442598.0	NaN	N
2	STD1 460-991479/5	1.0	0.819754	50.0	421956.0	0.819754	Y
3	STD5 460-991479/6	5.0	3.468468	50.0	406260.0	0.693694	Y
4	STD20 460-991479/7	20.0	15.377046	50.0	424272.0	0.768852	Y
5	STD50 460-991479/8	50.0	37.892206	50.0	398706.0	0.757844	Y
6	STD200 460-991479/9	200.0	141.376279	50.0	407301.0	0.706881	Y
7	STD500 460-991479/10	500.0	284.388159	50.0	483050.0	0.568776	Y



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Calibration / Acetonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

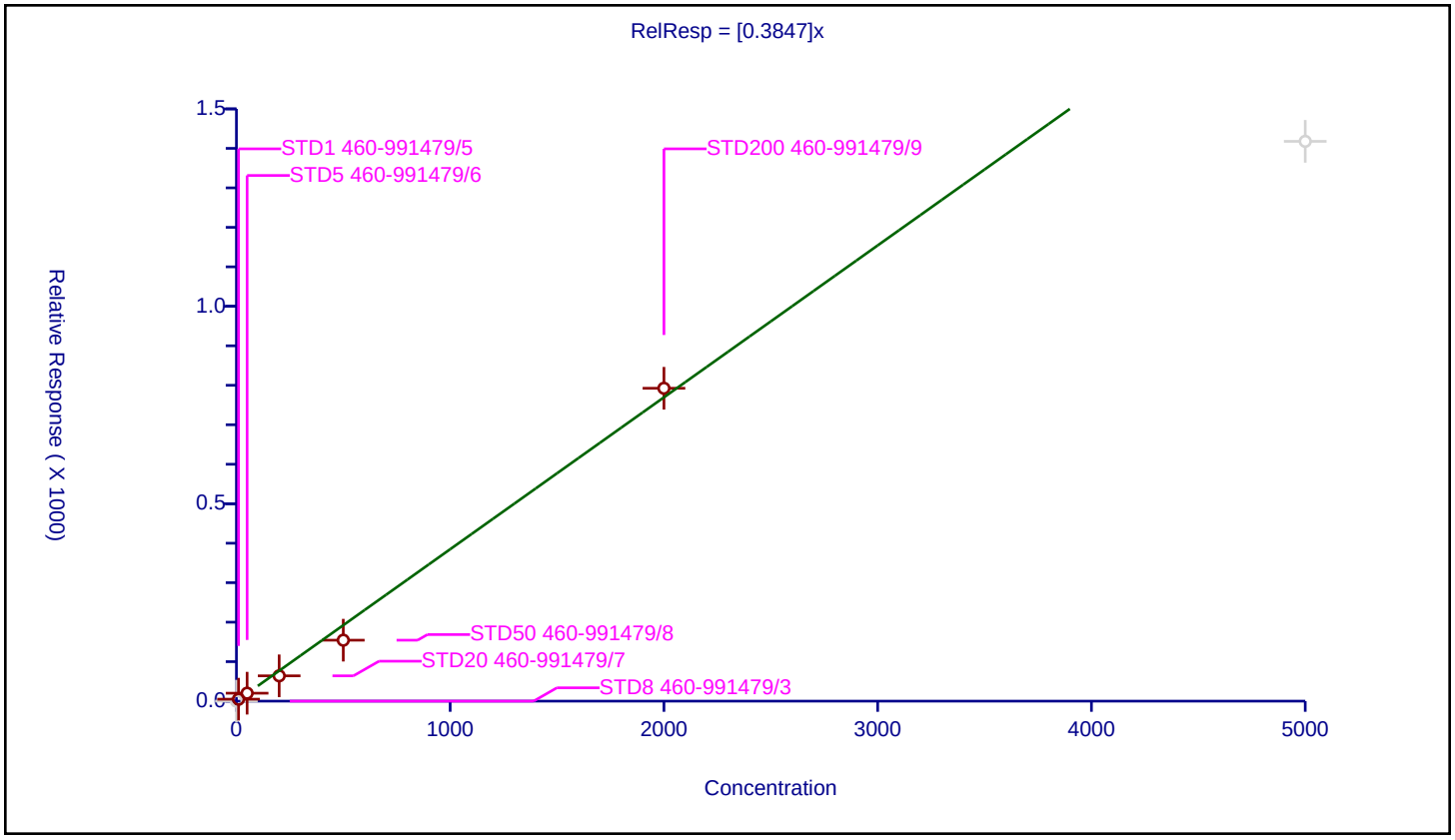
Curve Coefficients

Intercept:	0
Slope:	0.3847

Error Coefficients

Relative Standard Deviation:	19.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	250.0	93659.0	NaN	N
2	STD1 460-991479/5	10.0	4.948441	250.0	87957.0	0.494844	Y
3	STD5 460-991479/6	50.0	20.161807	250.0	85905.0	0.403236	Y
4	STD20 460-991479/7	200.0	64.126172	250.0	87706.0	0.320631	Y
5	STD50 460-991479/8	500.0	154.34689	250.0	83646.0	0.308694	Y
6	STD200 460-991479/9	2000.0	792.473661	250.0	85141.0	0.396237	Y
7	STD500 460-991479/10	5000.0	1417.7988	250.0	107982.0	0.28356	N



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Calibration / Methylene Chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

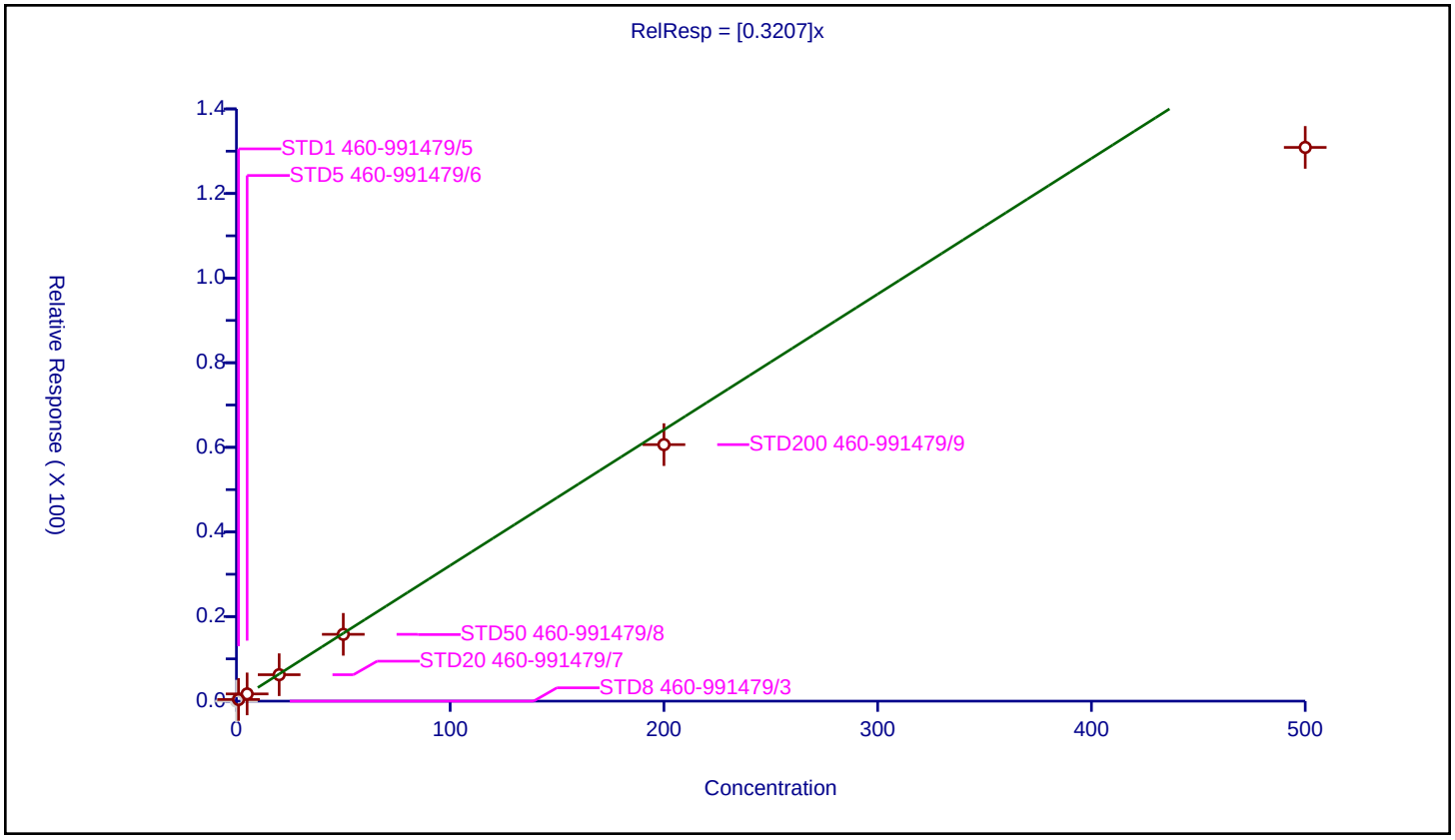
Curve Coefficients

Intercept:	0
Slope:	0.3207

Error Coefficients

Relative Standard Deviation:	13.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	442598.0	NaN	N
2	STD1 460-991479/5	1.0	0.389022	50.0	421956.0	0.389022	Y
3	STD5 460-991479/6	5.0	1.710481	50.0	406260.0	0.342096	Y
4	STD20 460-991479/7	20.0	6.248586	50.0	424272.0	0.312429	Y
5	STD50 460-991479/8	50.0	15.790708	50.0	398706.0	0.315814	Y
6	STD200 460-991479/9	200.0	60.638078	50.0	407301.0	0.30319	Y
7	STD500 460-991479/10	500.0	130.894938	50.0	483050.0	0.26179	Y



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Calibration / 2-Methyl-2-propanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

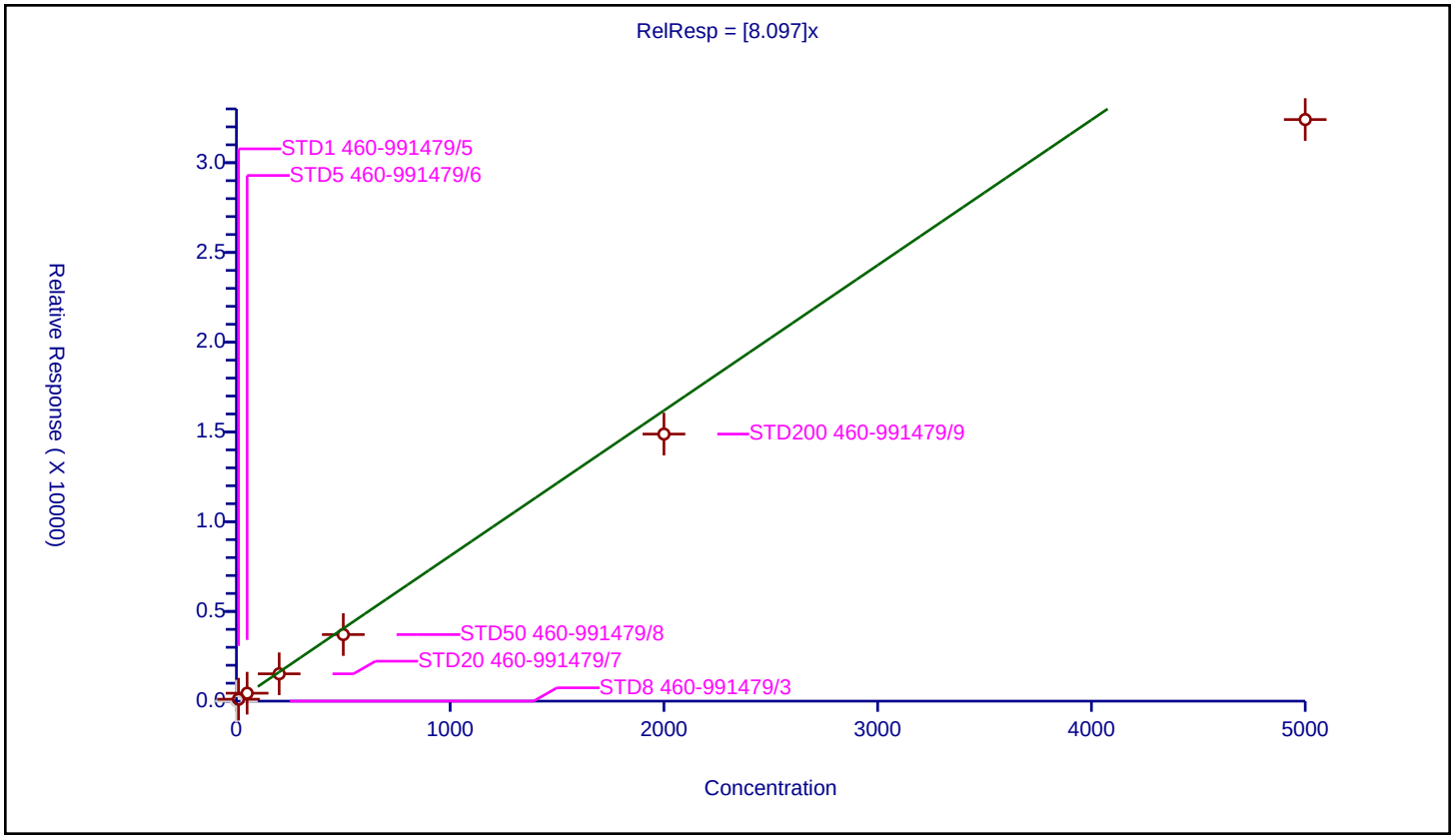
Curve Coefficients

Intercept:	0
Slope:	8.097

Error Coefficients

Relative Standard Deviation:	18.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	1000.0	14272.0	NaN	N
2	STD1 460-991479/5	10.0	107.613645	1000.0	12517.0	10.761365	Y
3	STD5 460-991479/6	50.0	443.029338	1000.0	13191.0	8.860587	Y
4	STD20 460-991479/7	200.0	1523.89662	1000.0	12575.0	7.619483	Y
5	STD50 460-991479/8	500.0	3709.025665	1000.0	12819.0	7.418051	Y
6	STD200 460-991479/9	2000.0	14880.940344	1000.0	11868.0	7.44047	Y
7	STD500 460-991479/10	5000.0	32407.104637	1000.0	13456.0	6.481421	Y



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Calibration / Methyl tert-butyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

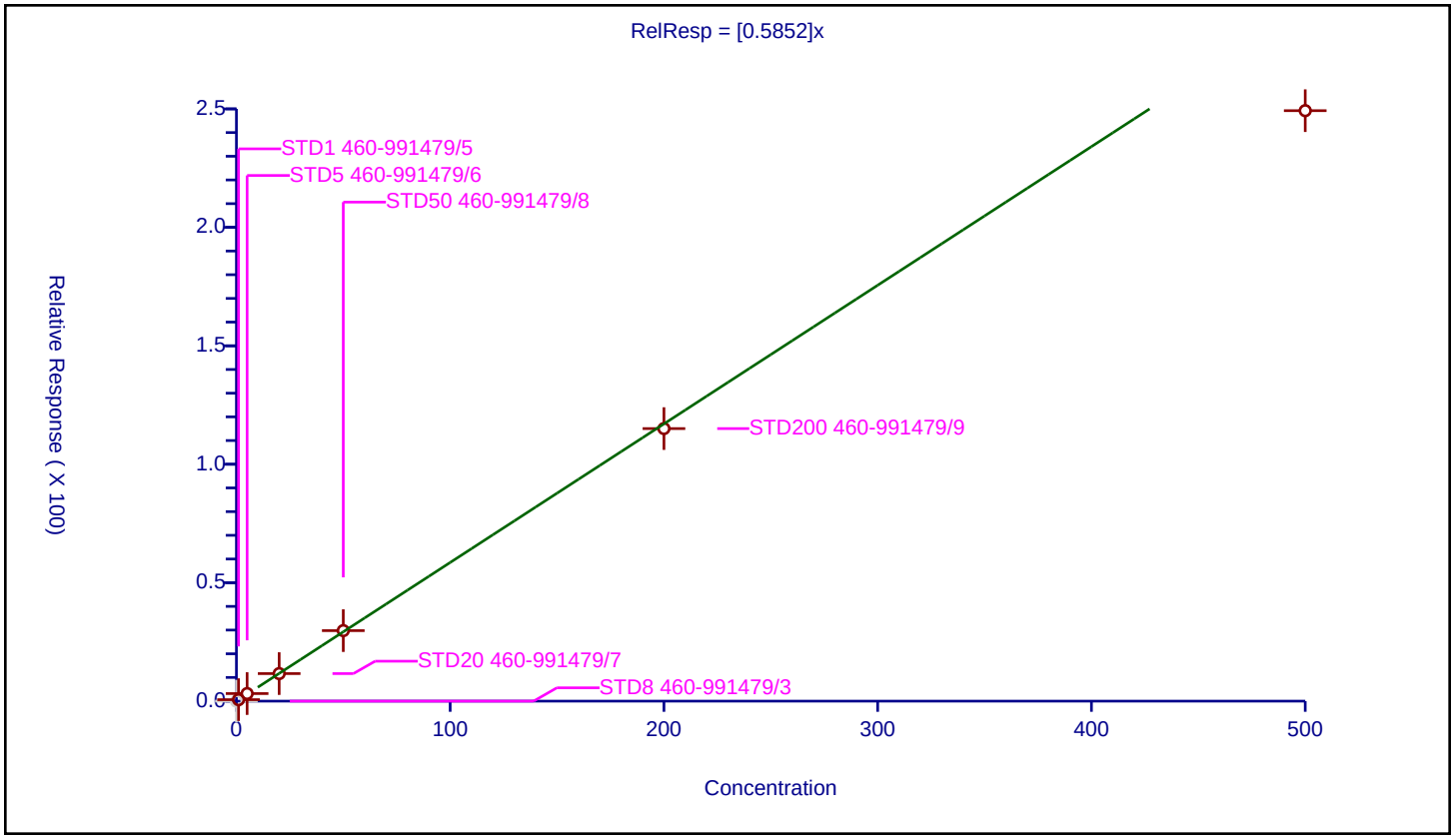
Curve Coefficients

Intercept:	0
Slope:	0.5852

Error Coefficients

Relative Standard Deviation:	8.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	442598.0	NaN	N
2	STD1 460-991479/5	1.0	0.622103	50.0	421956.0	0.622103	Y
3	STD5 460-991479/6	5.0	3.193275	50.0	406260.0	0.638655	Y
4	STD20 460-991479/7	20.0	11.625561	50.0	424272.0	0.581278	Y
5	STD50 460-991479/8	50.0	29.767799	50.0	398706.0	0.595356	Y
6	STD200 460-991479/9	200.0	115.055328	50.0	407301.0	0.575277	Y
7	STD500 460-991479/10	500.0	249.247179	50.0	483050.0	0.498494	Y



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Calibration / trans-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

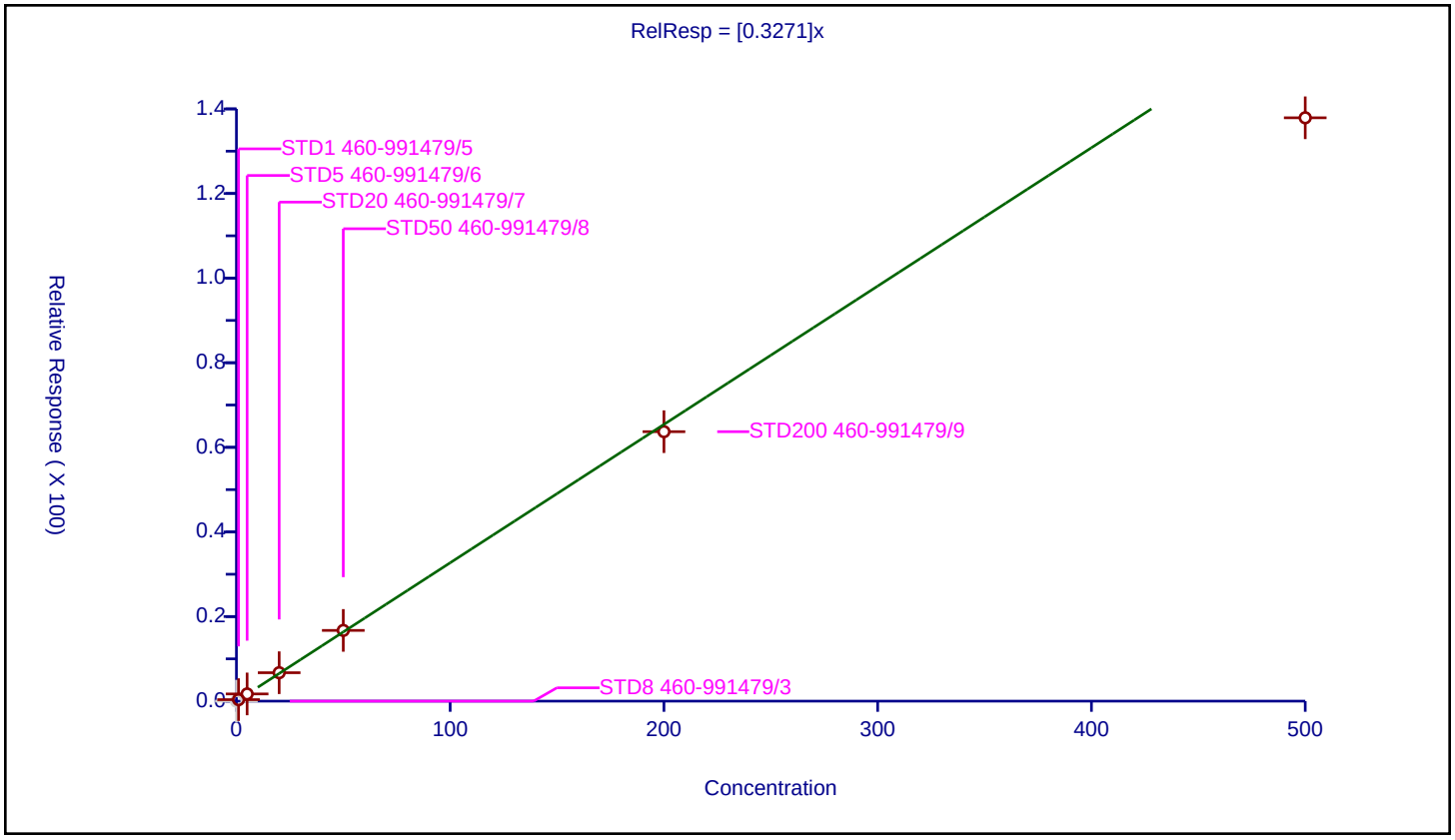
Curve Coefficients

Intercept:	0
Slope:	0.3271

Error Coefficients

Relative Standard Deviation:	8.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	442598.0	NaN	N
2	STD1 460-991479/5	1.0	0.356909	50.0	421956.0	0.356909	Y
3	STD5 460-991479/6	5.0	1.703958	50.0	406260.0	0.340792	Y
4	STD20 460-991479/7	20.0	6.719039	50.0	424272.0	0.335952	Y
5	STD50 460-991479/8	50.0	16.717456	50.0	398706.0	0.334349	Y
6	STD200 460-991479/9	200.0	63.702151	50.0	407301.0	0.318511	Y
7	STD500 460-991479/10	500.0	137.899079	50.0	483050.0	0.275798	Y



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Calibration / Acrylonitrile

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

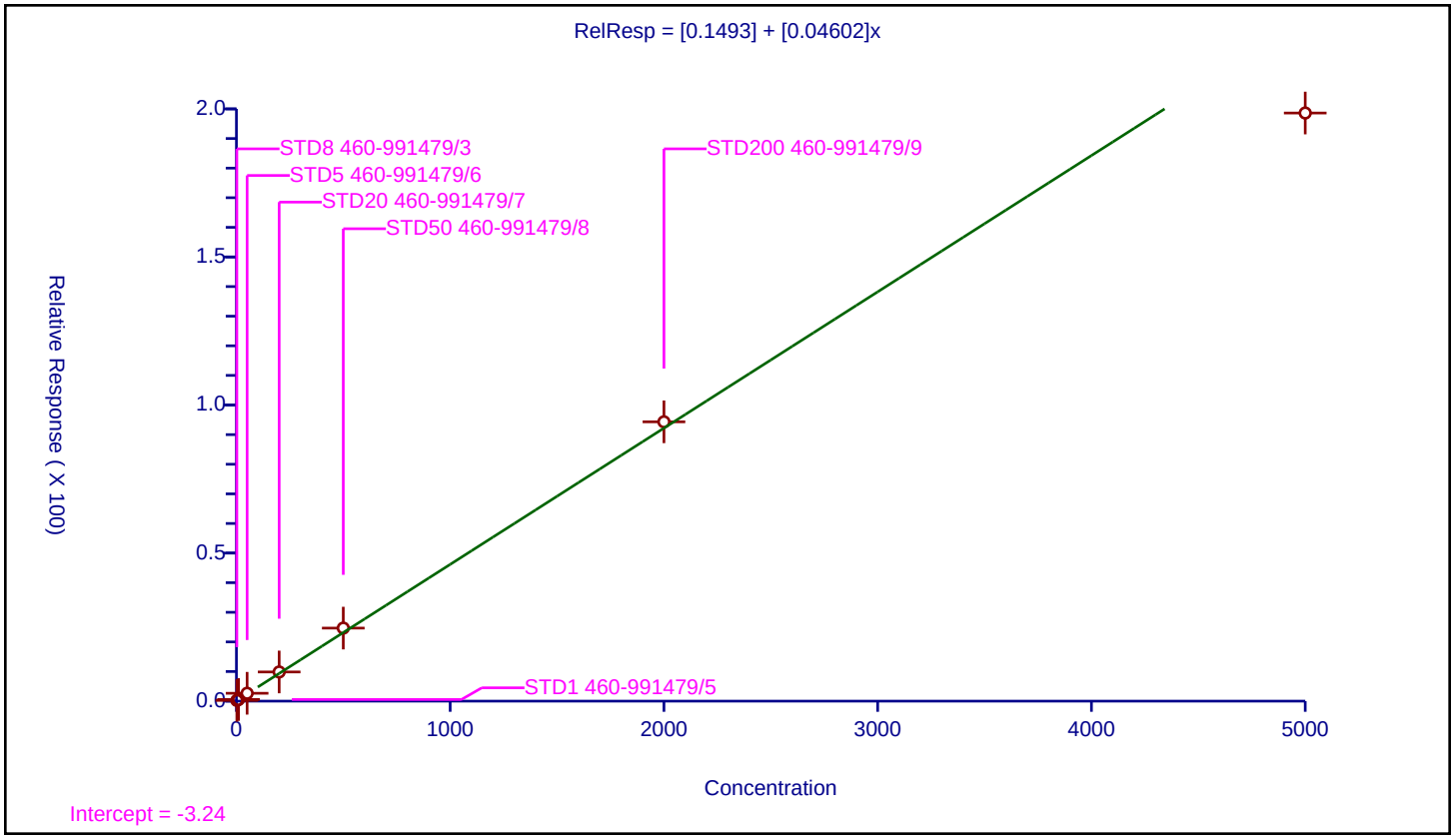
Curve Coefficients

Intercept:	0.1493
Slope:	0.04602

Error Coefficients

Relative Standard Deviation:	9.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	2.0	0.242997	50.0	442598.0	0.121499	Y
2	STD1 460-991479/5	10.0	0.557404	50.0	421956.0	0.05574	Y
3	STD5 460-991479/6	50.0	2.656919	50.0	406260.0	0.053138	Y
4	STD20 460-991479/7	200.0	9.852406	50.0	424272.0	0.049262	Y
5	STD50 460-991479/8	500.0	24.670058	50.0	398706.0	0.04934	Y
6	STD200 460-991479/9	2000.0	94.328887	50.0	407301.0	0.047164	Y
7	STD500 460-991479/10	5000.0	198.609357	50.0	483050.0	0.039722	Y



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Calibration / Hexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

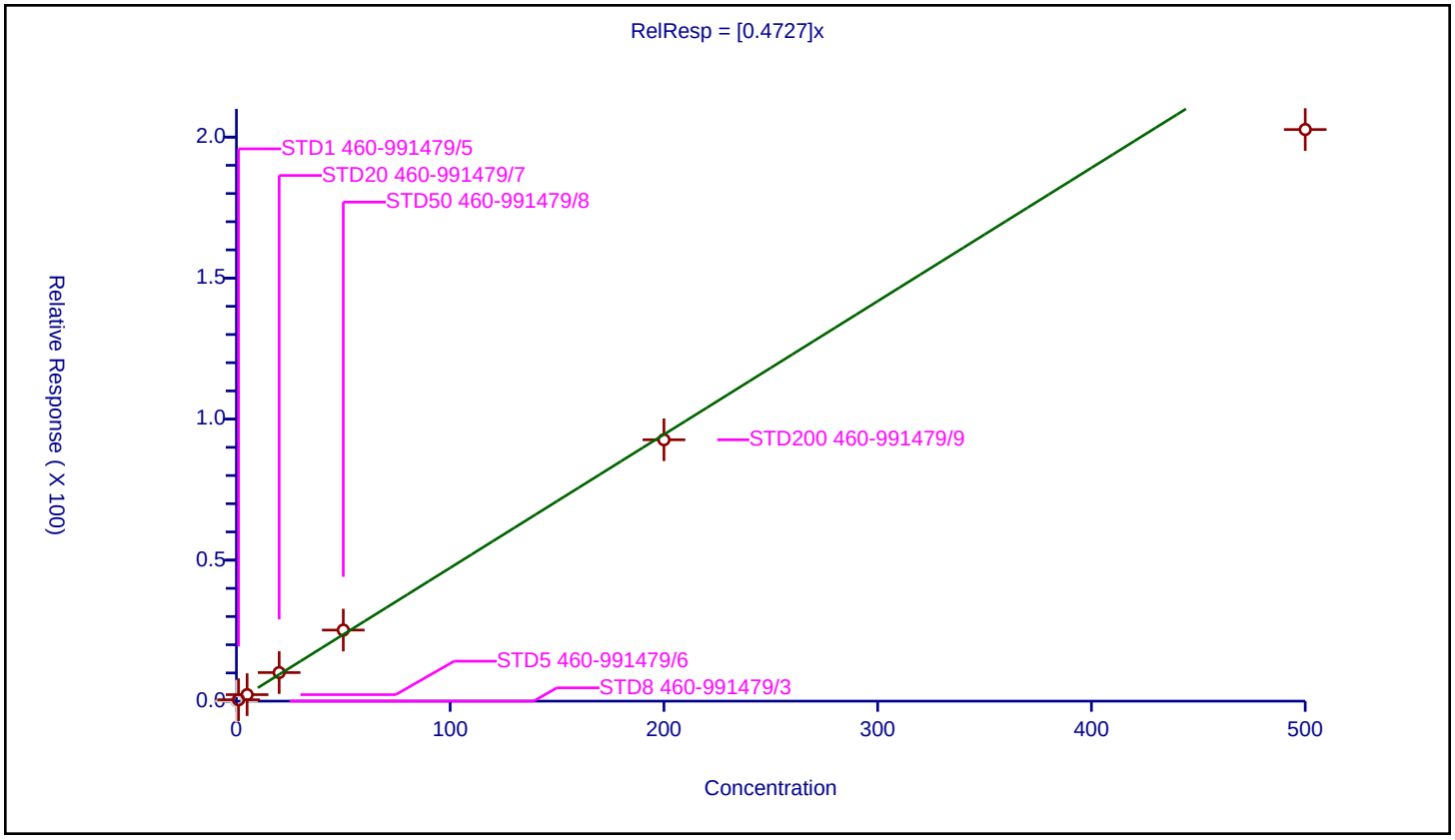
Curve Coefficients

Intercept:	0
Slope:	0.4727

Error Coefficients

Relative Standard Deviation:	8.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	442598.0	NaN	N
2	STD1 460-991479/5	1.0	0.497445	50.0	421956.0	0.497445	Y
3	STD5 460-991479/6	5.0	2.29902	50.0	406260.0	0.459804	Y
4	STD20 460-991479/7	20.0	10.128644	50.0	424272.0	0.506432	Y
5	STD50 460-991479/8	50.0	25.203032	50.0	398706.0	0.504061	Y
6	STD200 460-991479/9	200.0	92.676055	50.0	407301.0	0.46338	Y
7	STD500 460-991479/10	500.0	202.682745	50.0	483050.0	0.405365	Y



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Calibration / Isopropyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

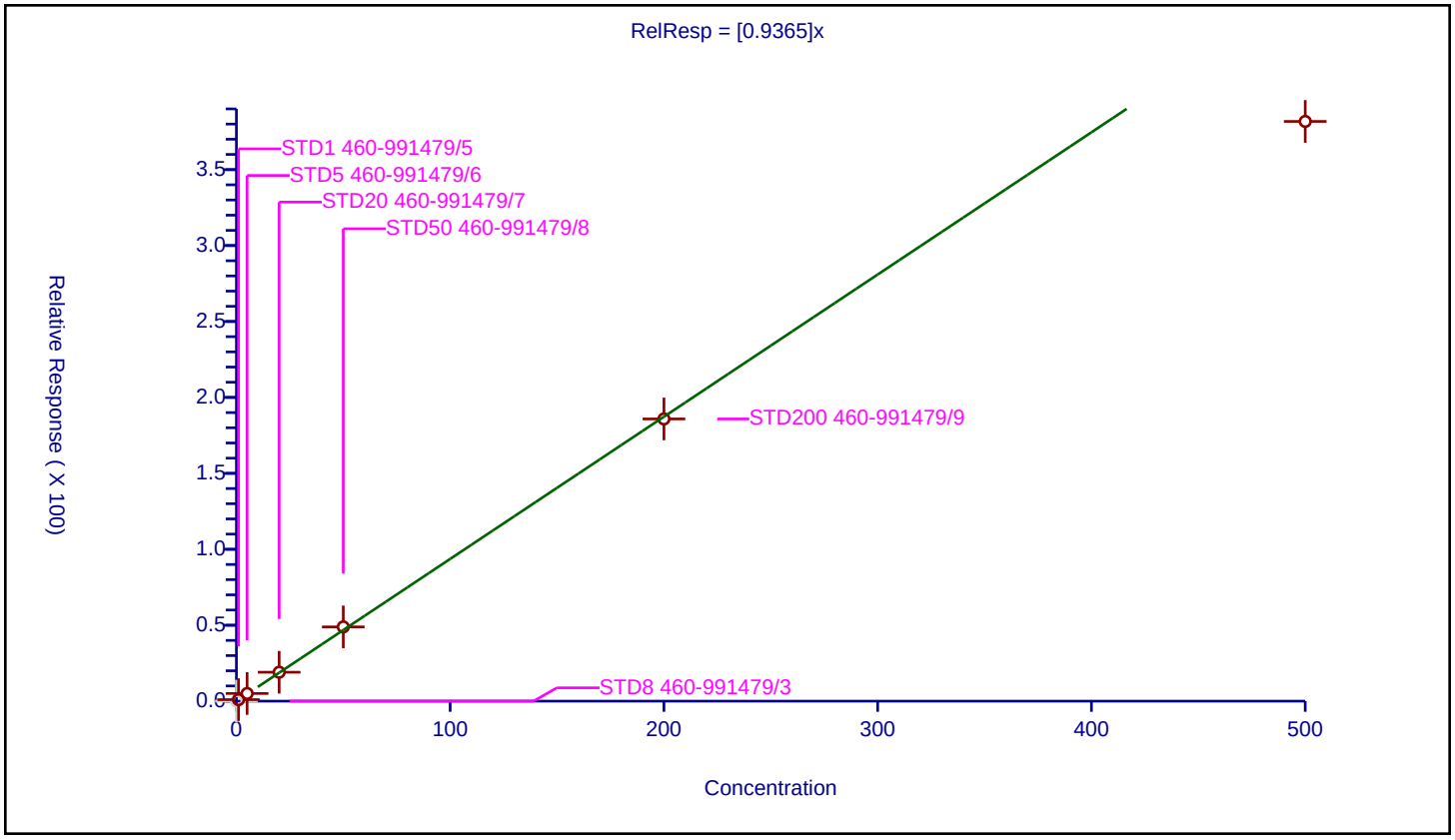
Curve Coefficients

Intercept:	0
Slope:	0.9365

Error Coefficients

Relative Standard Deviation:	9.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	442598.0	NaN	N
2	STD1 460-991479/5	1.0	0.98707	50.0	421956.0	0.98707	Y
3	STD5 460-991479/6	5.0	5.046522	50.0	406260.0	1.009304	Y
4	STD20 460-991479/7	20.0	19.040969	50.0	424272.0	0.952048	Y
5	STD50 460-991479/8	50.0	48.883639	50.0	398706.0	0.977673	Y
6	STD200 460-991479/9	200.0	185.828785	50.0	407301.0	0.929144	Y
7	STD500 460-991479/10	500.0	381.732843	50.0	483050.0	0.763466	Y



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Calibration / 1,1-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

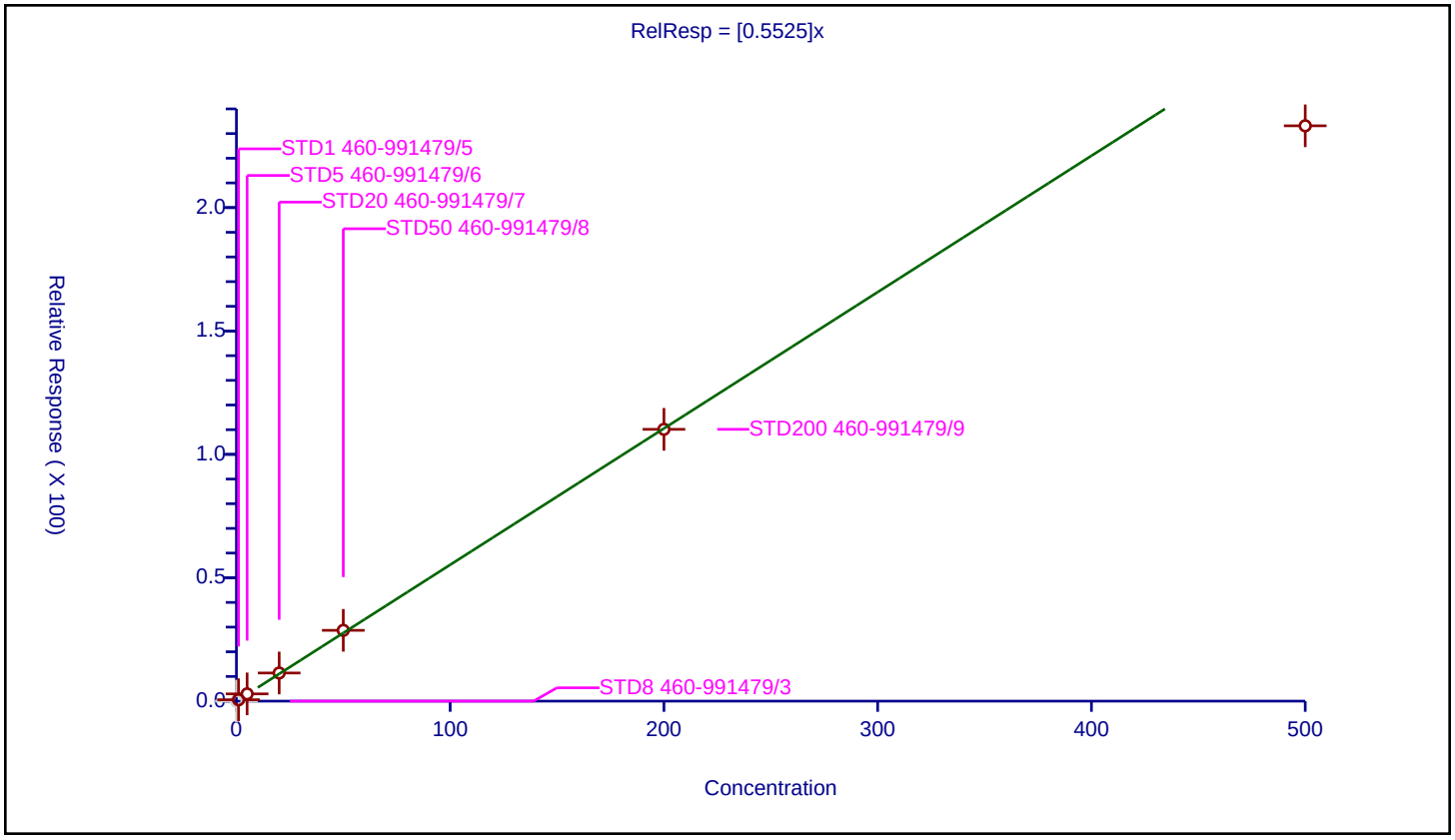
Curve Coefficients

Intercept:	0
Slope:	0.5525

Error Coefficients

Relative Standard Deviation:	8.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	442598.0	NaN	N
2	STD1 460-991479/5	1.0	0.565462	50.0	421956.0	0.565462	Y
3	STD5 460-991479/6	5.0	2.943804	50.0	406260.0	0.588761	Y
4	STD20 460-991479/7	20.0	11.399055	50.0	424272.0	0.569953	Y
5	STD50 460-991479/8	50.0	28.688432	50.0	398706.0	0.573769	Y
6	STD200 460-991479/9	200.0	110.150356	50.0	407301.0	0.550752	Y
7	STD500 460-991479/10	500.0	233.14367	50.0	483050.0	0.466287	Y



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Calibration / Vinyl acetate

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

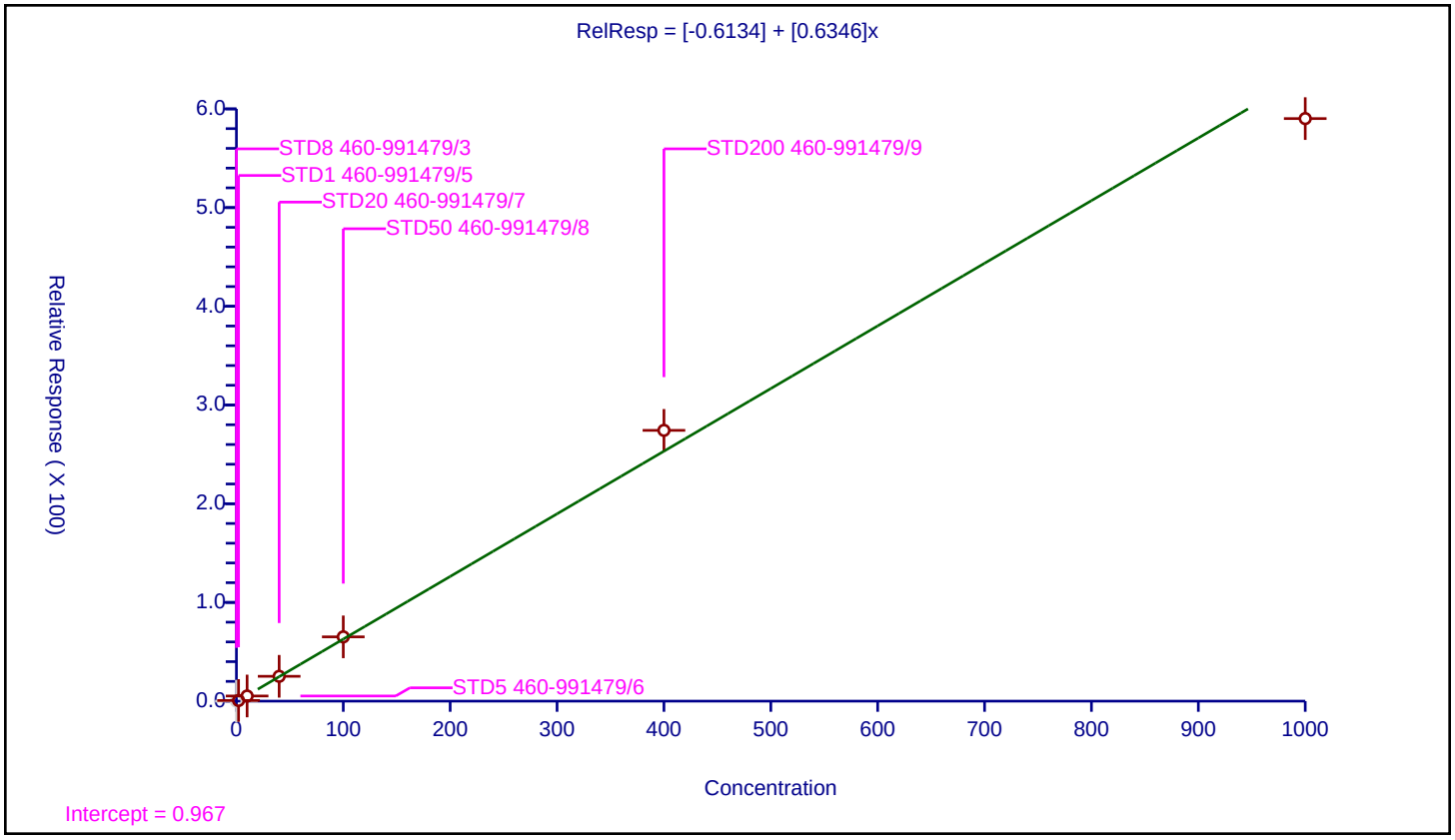
Curve Coefficients

Intercept:	-0.6134
Slope:	0.6346

Error Coefficients

Relative Standard Deviation:	7.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	250.0	93659.0	NaN	N
2	STD1 460-991479/5	2.0	0.673625	250.0	87957.0	0.336812	Y
3	STD5 460-991479/6	10.0	5.232524	250.0	85905.0	0.523252	Y
4	STD20 460-991479/7	40.0	25.149363	250.0	87706.0	0.628734	Y
5	STD50 460-991479/8	100.0	65.113693	250.0	83646.0	0.651137	Y
6	STD200 460-991479/9	400.0	274.327292	250.0	85141.0	0.685818	Y
7	STD500 460-991479/10	1000.0	590.174751	250.0	107982.0	0.590175	Y



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Calibration / 2-Chloro-1,3-butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

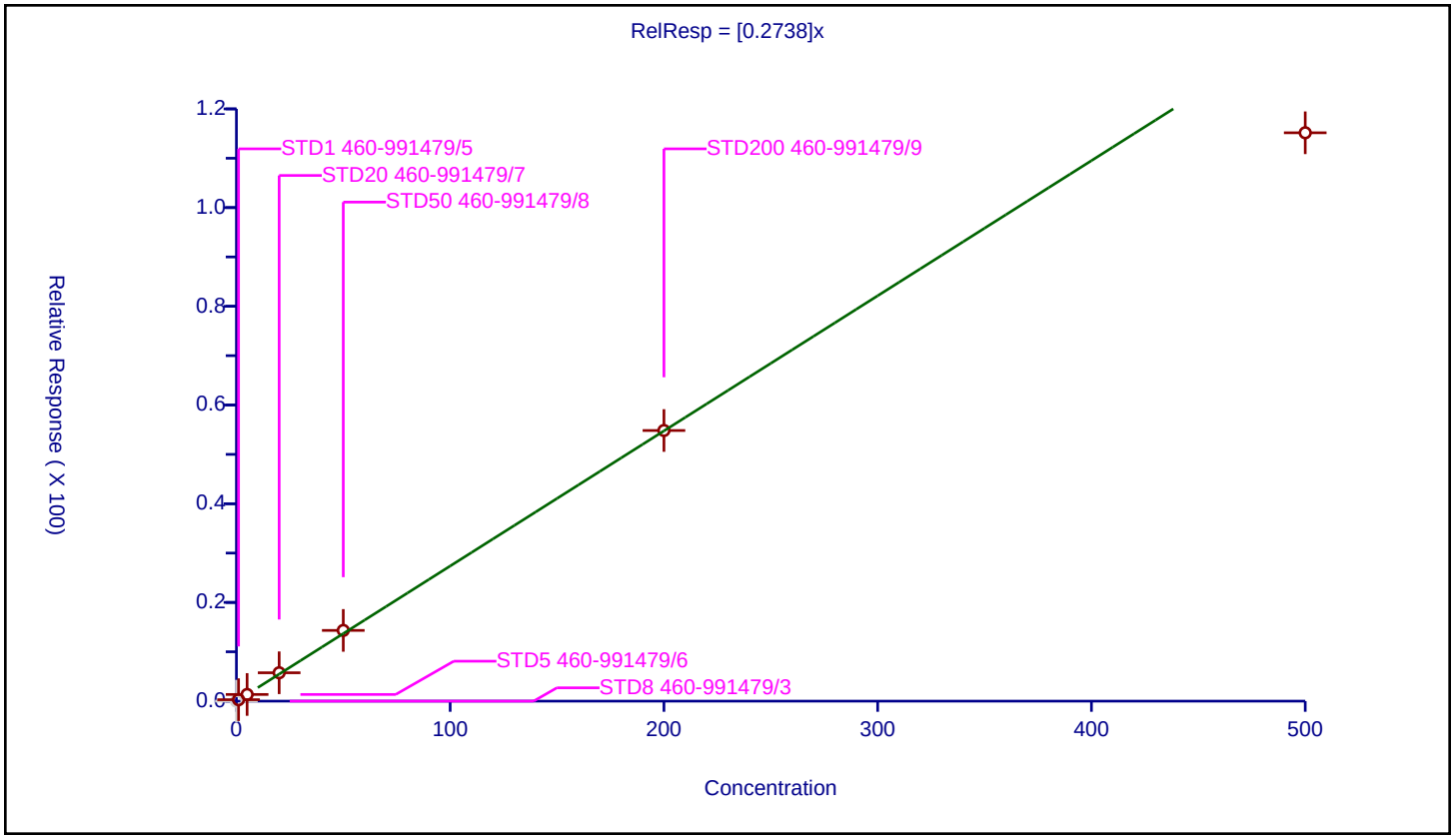
Curve Coefficients

Intercept:	0
Slope:	0.2738

Error Coefficients

Relative Standard Deviation:	8.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	442598.0	NaN	N
2	STD1 460-991479/5	1.0	0.294106	50.0	421956.0	0.294106	Y
3	STD5 460-991479/6	5.0	1.349998	50.0	406260.0	0.27	Y
4	STD20 460-991479/7	20.0	5.750321	50.0	424272.0	0.287516	Y
5	STD50 460-991479/8	50.0	14.33061	50.0	398706.0	0.286612	Y
6	STD200 460-991479/9	200.0	54.83905	50.0	407301.0	0.274195	Y
7	STD500 460-991479/10	500.0	115.15899	50.0	483050.0	0.230318	Y



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Calibration / Tert-butyl ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

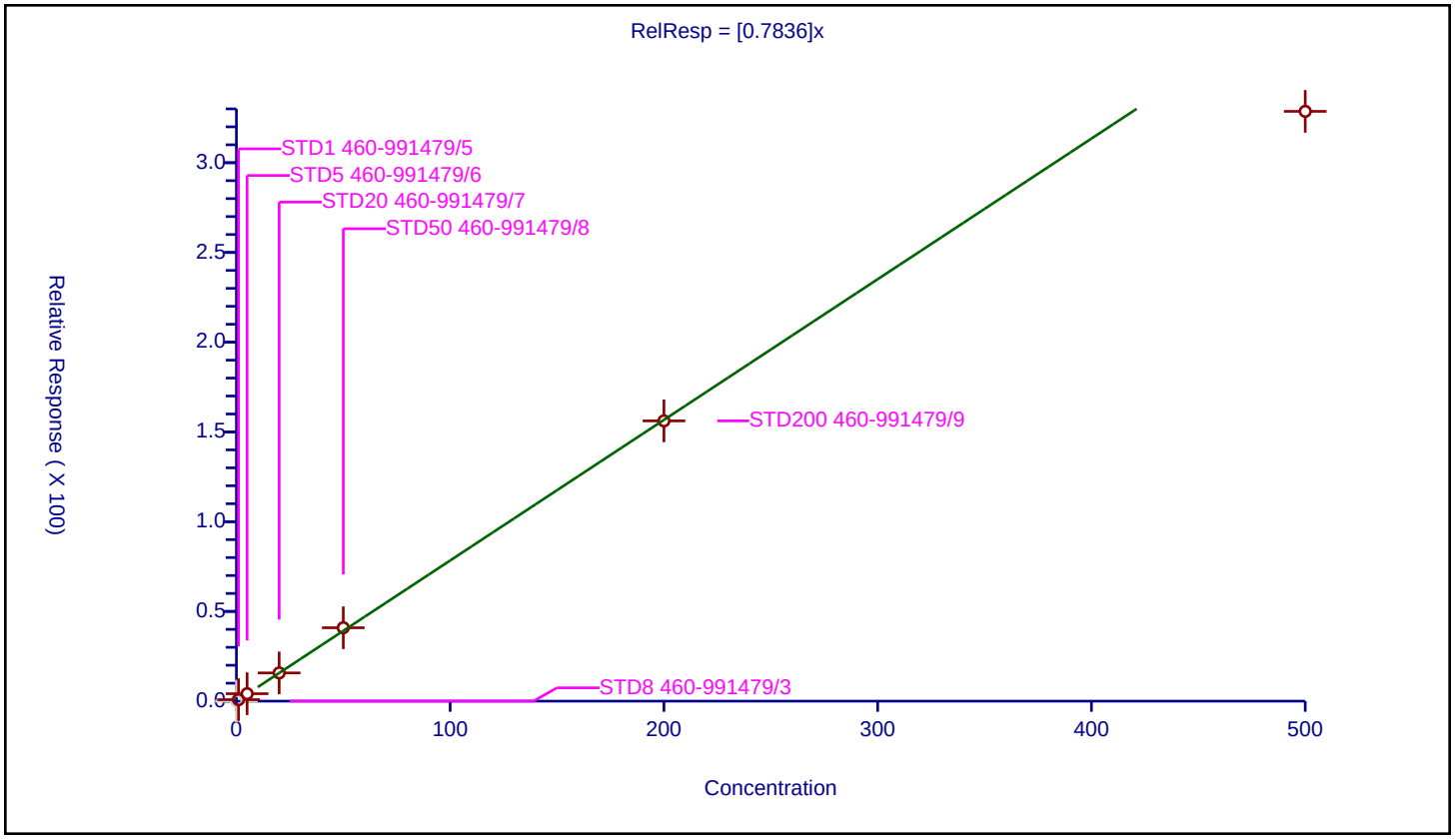
Curve Coefficients

Intercept:	0
Slope:	0.7836

Error Coefficients

Relative Standard Deviation:	8.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	442598.0	NaN	N
2	STD1 460-991479/5	1.0	0.829589	50.0	421956.0	0.829589	Y
3	STD5 460-991479/6	5.0	4.148944	50.0	406260.0	0.829789	Y
4	STD20 460-991479/7	20.0	15.730239	50.0	424272.0	0.786512	Y
5	STD50 460-991479/8	50.0	40.893164	50.0	398706.0	0.817863	Y
6	STD200 460-991479/9	200.0	156.163869	50.0	407301.0	0.780819	Y
7	STD500 460-991479/10	500.0	328.621985	50.0	483050.0	0.657244	Y



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Calibration / 2,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

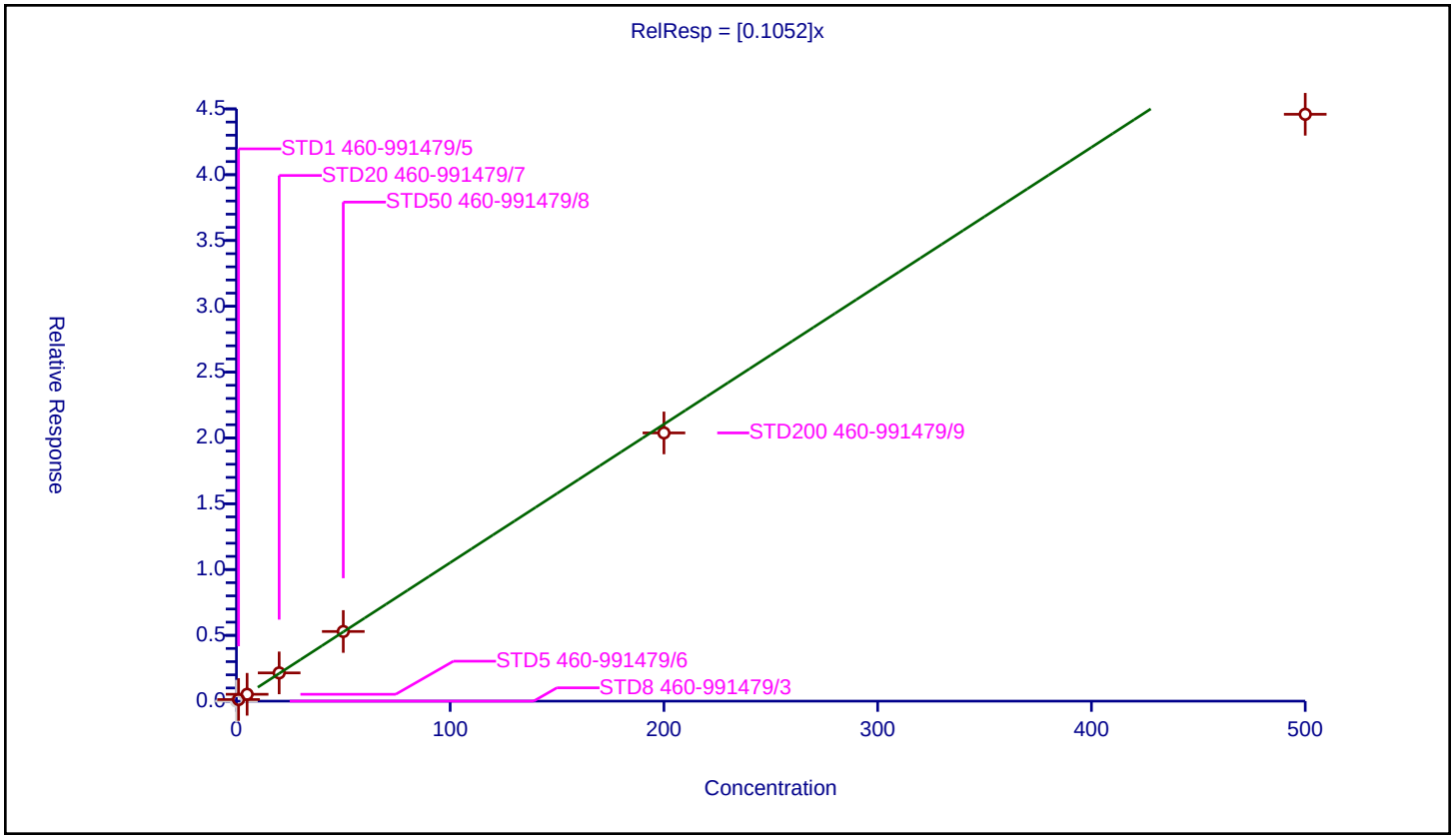
Curve Coefficients

Intercept:	0
Slope:	0.1052

Error Coefficients

Relative Standard Deviation:	10.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	442598.0	NaN	N
2	STD1 460-991479/5	1.0	0.122643	50.0	421956.0	0.122643	Y
3	STD5 460-991479/6	5.0	0.521833	50.0	406260.0	0.104367	Y
4	STD20 460-991479/7	20.0	2.145322	50.0	424272.0	0.107266	Y
5	STD50 460-991479/8	50.0	5.292622	50.0	398706.0	0.105852	Y
6	STD200 460-991479/9	200.0	20.378786	50.0	407301.0	0.101894	Y
7	STD500 460-991479/10	500.0	44.591761	50.0	483050.0	0.089184	Y



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Calibration / cis-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

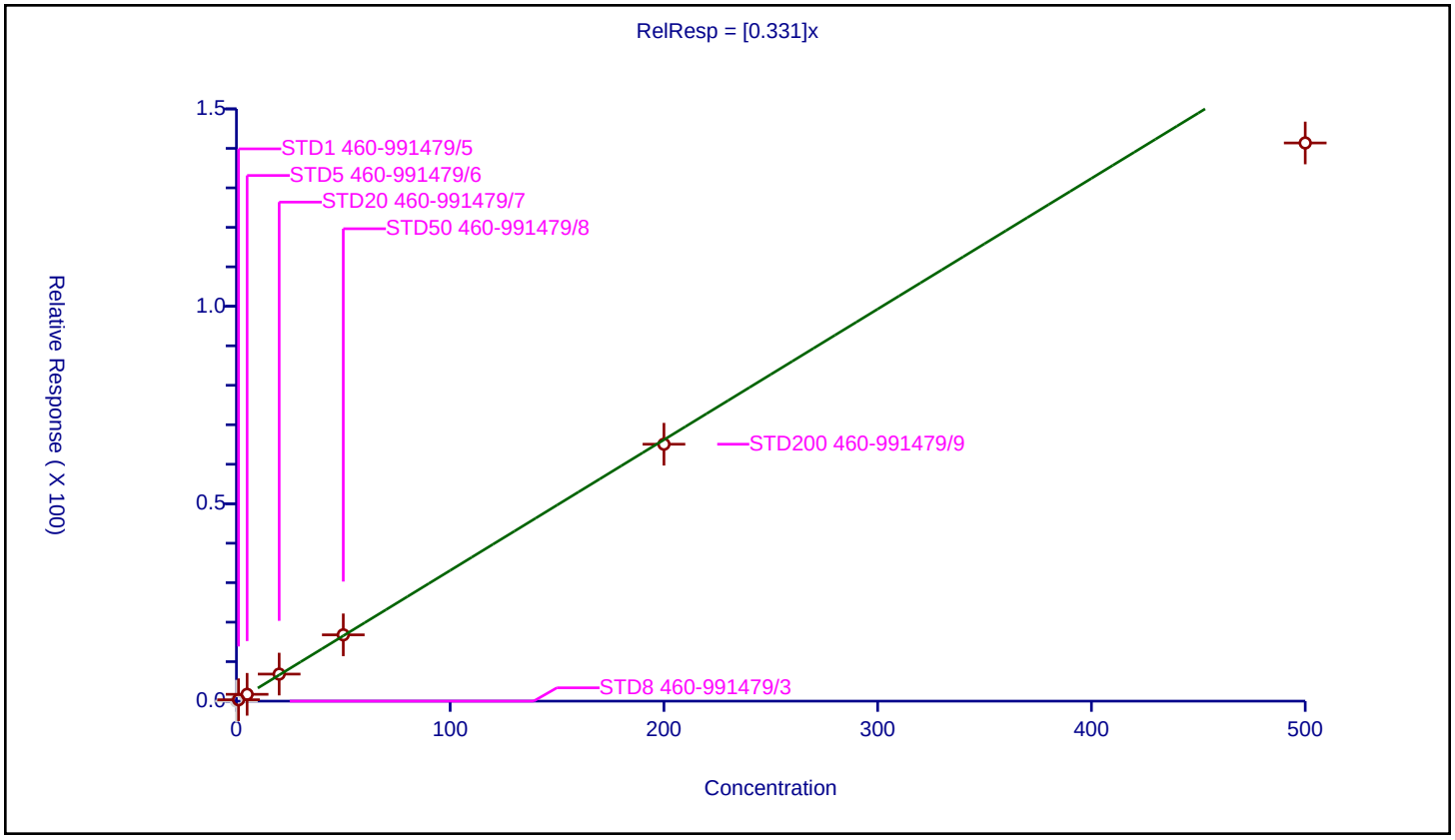
Curve Coefficients

Intercept:	0
Slope:	0.331

Error Coefficients

Relative Standard Deviation:	7.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	442598.0	NaN	N
2	STD1 460-991479/5	1.0	0.35371	50.0	421956.0	0.35371	Y
3	STD5 460-991479/6	5.0	1.728327	50.0	406260.0	0.345665	Y
4	STD20 460-991479/7	20.0	6.852326	50.0	424272.0	0.342616	Y
5	STD50 460-991479/8	50.0	16.796211	50.0	398706.0	0.335924	Y
6	STD200 460-991479/9	200.0	65.071041	50.0	407301.0	0.325355	Y
7	STD500 460-991479/10	500.0	141.370459	50.0	483050.0	0.282741	Y



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Calibration / Ethyl acetate

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

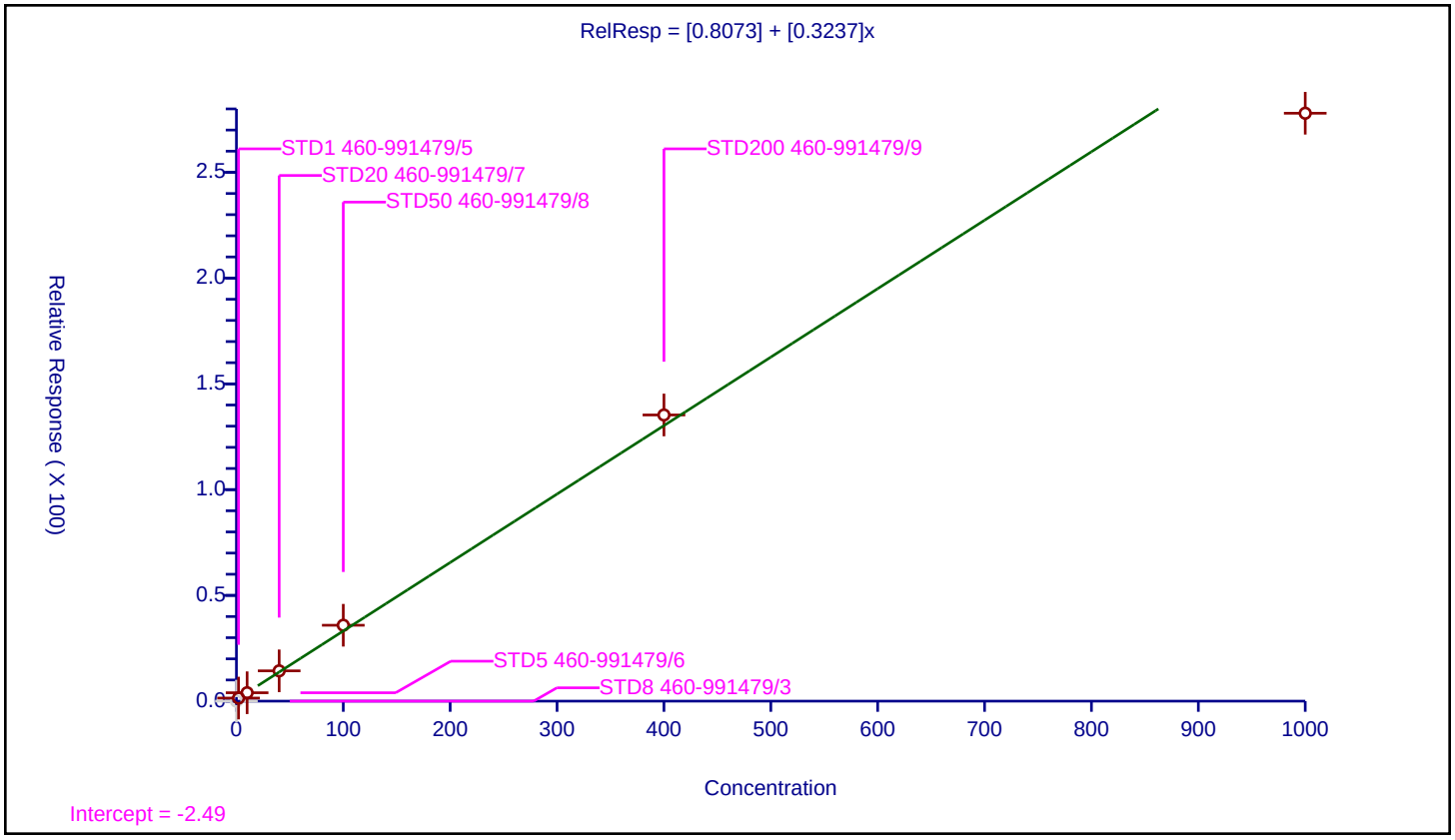
Curve Coefficients

Intercept:	0.8073
Slope:	0.3237

Error Coefficients

Relative Standard Deviation:	8.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	250.0	93659.0	NaN	N
2	STD1 460-991479/5	2.0	1.455257	250.0	87957.0	0.727628	Y
3	STD5 460-991479/6	10.0	3.966591	250.0	85905.0	0.396659	Y
4	STD20 460-991479/7	40.0	14.326272	250.0	87706.0	0.358157	Y
5	STD50 460-991479/8	100.0	35.880377	250.0	83646.0	0.358804	Y
6	STD200 460-991479/9	400.0	135.293219	250.0	85141.0	0.338233	Y
7	STD500 460-991479/10	1000.0	277.942157	250.0	107982.0	0.277942	Y



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Calibration / 2-Butanone (MEK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

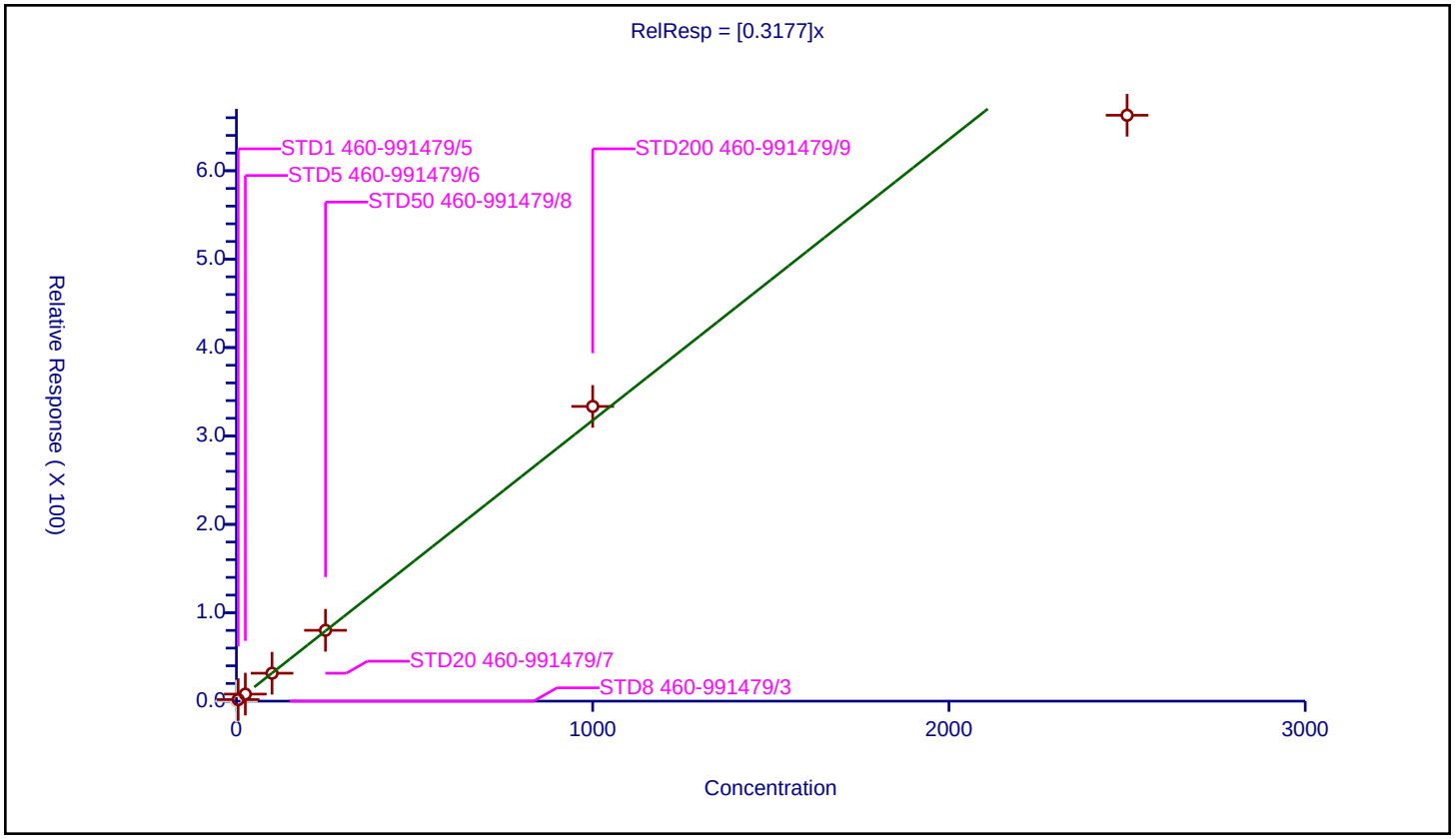
Curve Coefficients

Intercept:	0
Slope:	0.3177

Error Coefficients

Relative Standard Deviation:	9.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	250.0	93659.0	NaN	N
2	STD1 460-991479/5	5.0	1.762225	250.0	87957.0	0.352445	Y
3	STD5 460-991479/6	25.0	7.971014	250.0	85905.0	0.318841	Y
4	STD20 460-991479/7	100.0	31.579938	250.0	87706.0	0.315799	Y
5	STD50 460-991479/8	250.0	80.123377	250.0	83646.0	0.320494	Y
6	STD200 460-991479/9	1000.0	333.420444	250.0	85141.0	0.33342	Y
7	STD500 460-991479/10	2500.0	662.811858	250.0	107982.0	0.265125	Y



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Calibration / Methyl acrylate

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

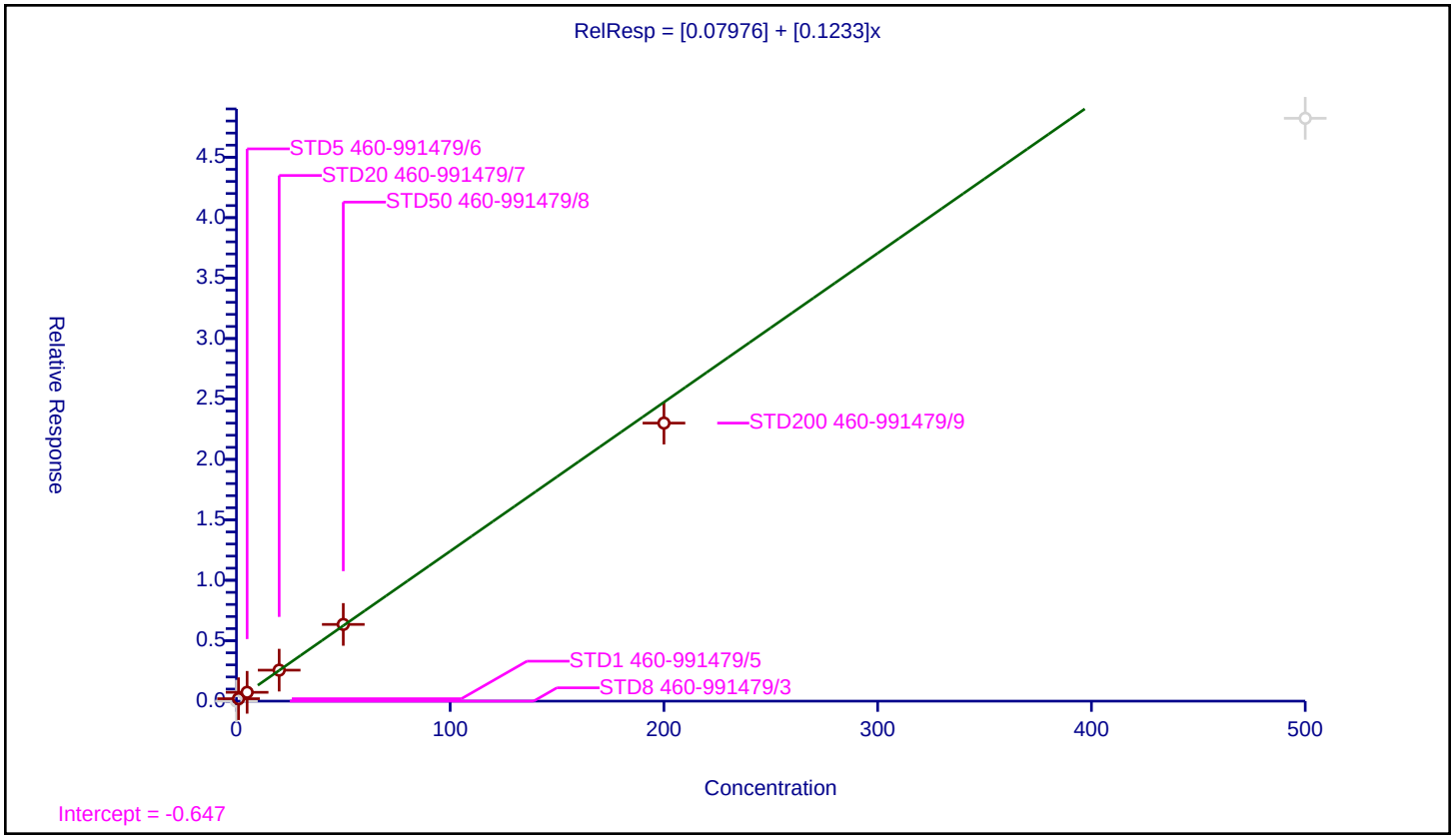
Curve Coefficients

Intercept:	0.07976
Slope:	0.1233

Error Coefficients

Relative Standard Deviation:	5.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	442598.0	NaN	N
2	STD1 460-991479/5	1.0	0.201561	50.0	421956.0	0.201561	Y
3	STD5 460-991479/6	5.0	0.731305	50.0	406260.0	0.146261	Y
4	STD20 460-991479/7	20.0	2.563686	50.0	424272.0	0.128184	Y
5	STD50 460-991479/8	50.0	6.348161	50.0	398706.0	0.126963	Y
6	STD200 460-991479/9	200.0	23.00424	50.0	407301.0	0.115021	Y
7	STD500 460-991479/10	500.0	48.222648	50.0	483050.0	0.096445	N



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Calibration / Propionitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

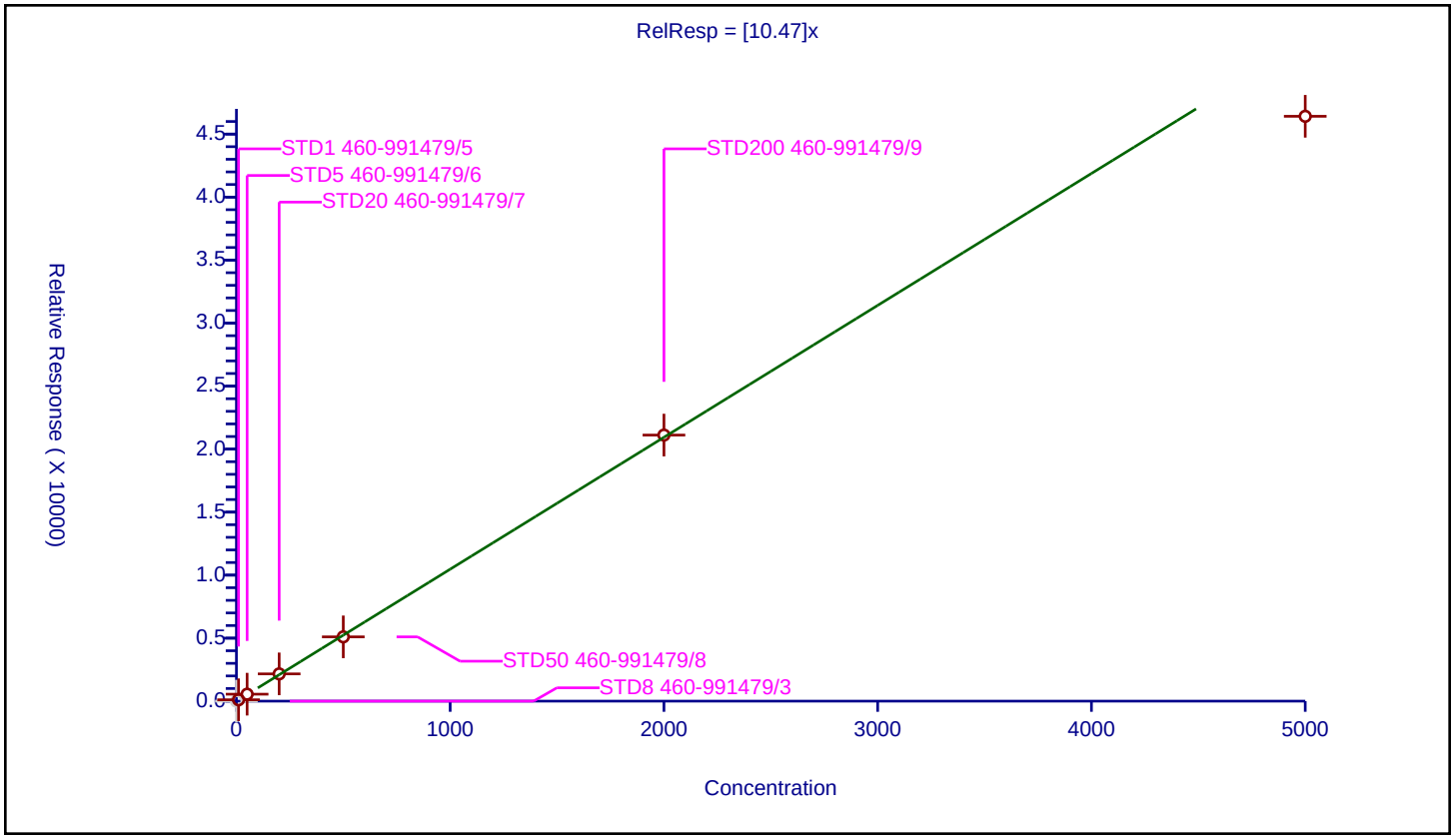
Curve Coefficients

Intercept:	0
Slope:	10.47

Error Coefficients

Relative Standard Deviation:	6.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	1000.0	14272.0	NaN	N
2	STD1 460-991479/5	10.0	109.05169	1000.0	12517.0	10.905169	Y
3	STD5 460-991479/6	50.0	552.194678	1000.0	13191.0	11.043894	Y
4	STD20 460-991479/7	200.0	2164.294235	1000.0	12575.0	10.821471	Y
5	STD50 460-991479/8	500.0	5101.802013	1000.0	12819.0	10.203604	Y
6	STD200 460-991479/9	2000.0	21114.678126	1000.0	11868.0	10.557339	Y
7	STD500 460-991479/10	5000.0	46411.414982	1000.0	13456.0	9.282283	Y



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Calibration / Chlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

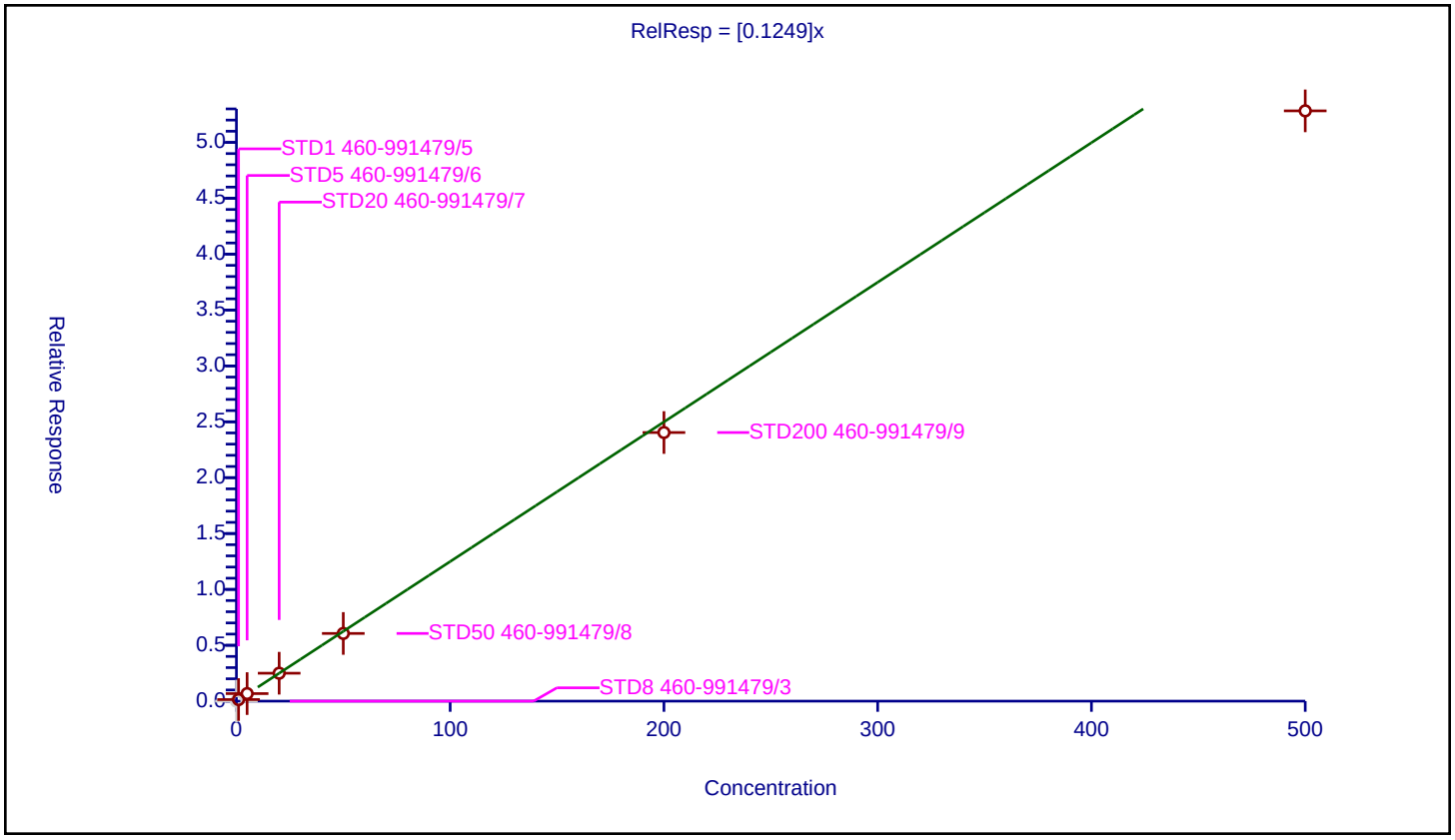
Curve Coefficients

Intercept:	0
Slope:	0.1249

Error Coefficients

Relative Standard Deviation:	10.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	442598.0	NaN	N
2	STD1 460-991479/5	1.0	0.142669	50.0	421956.0	0.142669	Y
3	STD5 460-991479/6	5.0	0.674937	50.0	406260.0	0.134987	Y
4	STD20 460-991479/7	20.0	2.499458	50.0	424272.0	0.124973	Y
5	STD50 460-991479/8	50.0	6.057722	50.0	398706.0	0.121154	Y
6	STD200 460-991479/9	200.0	24.037383	50.0	407301.0	0.120187	Y
7	STD500 460-991479/10	500.0	52.823621	50.0	483050.0	0.105647	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

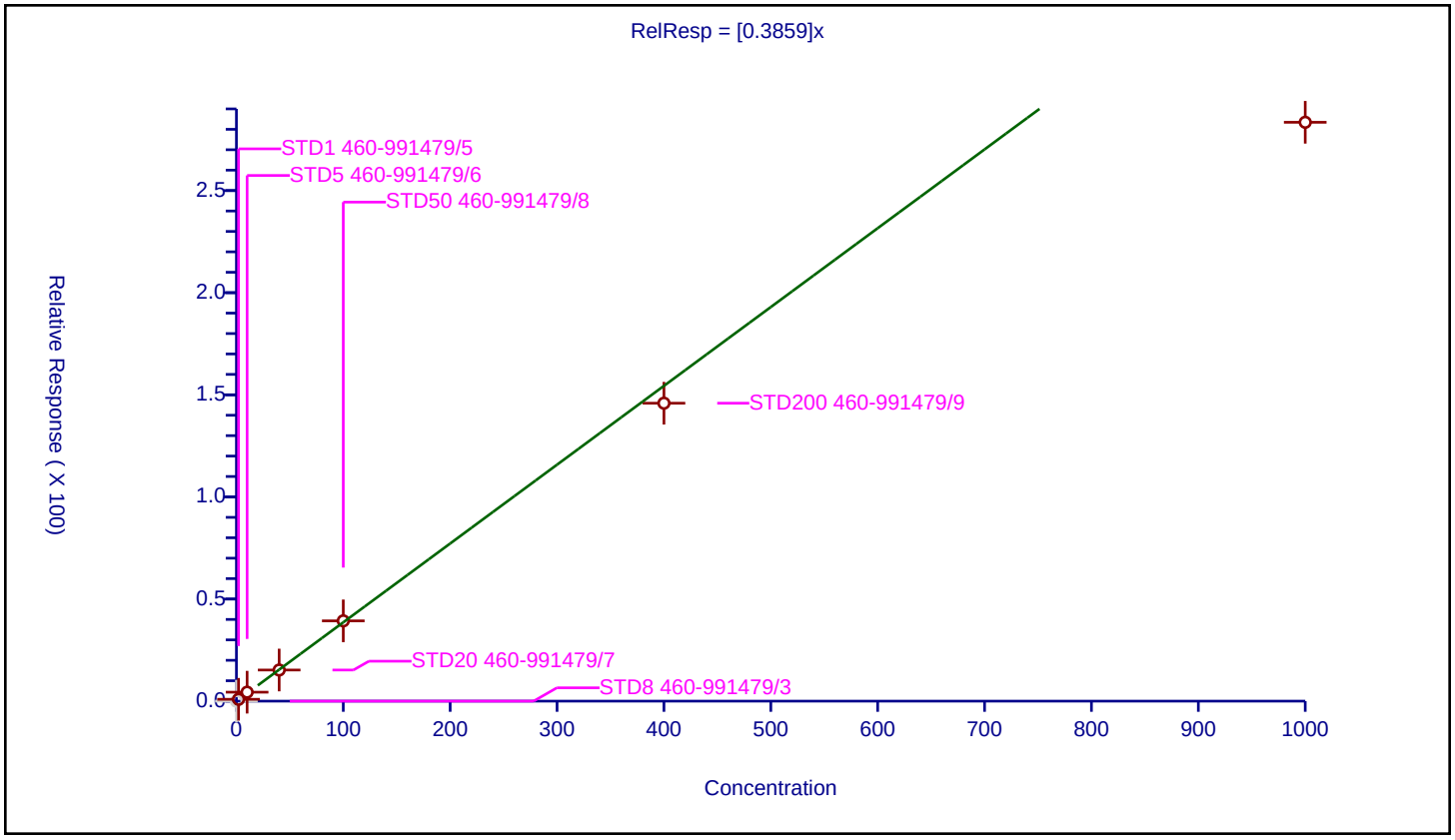
Curve Coefficients

Intercept:	0
Slope:	0.3859

Error Coefficients

Relative Standard Deviation:	15.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	250.0	93659.0	NaN	N
2	STD1 460-991479/5	2.0	0.909535	250.0	87957.0	0.454768	Y
3	STD5 460-991479/6	10.0	4.385659	250.0	85905.0	0.438566	Y
4	STD20 460-991479/7	40.0	15.241261	250.0	87706.0	0.381032	Y
5	STD50 460-991479/8	100.0	39.314492	250.0	83646.0	0.393145	Y
6	STD200 460-991479/9	400.0	145.893283	250.0	85141.0	0.364733	Y
7	STD500 460-991479/10	1000.0	283.445389	250.0	107982.0	0.283445	Y



Calibration / Methacrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

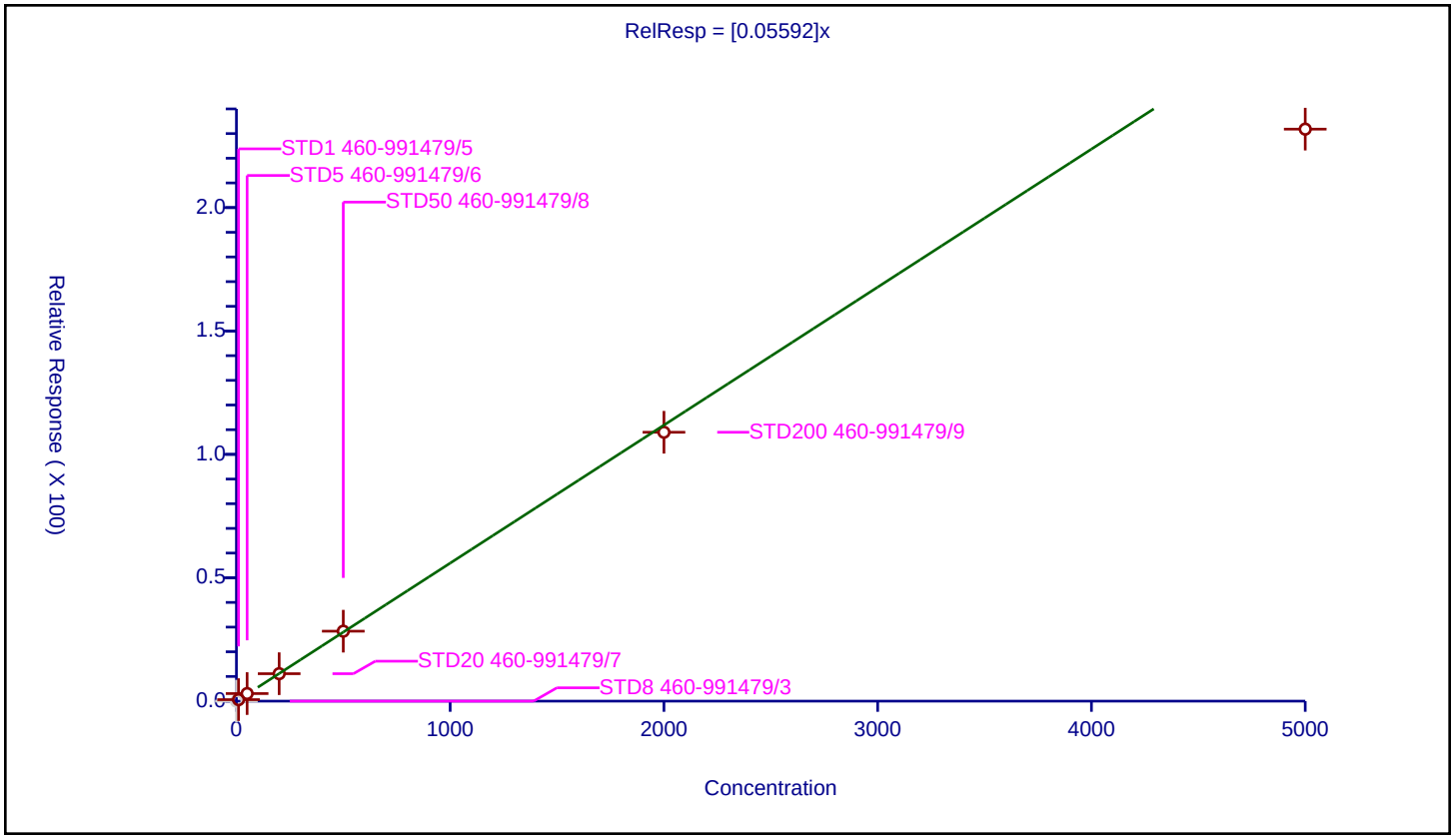
Curve Coefficients

Intercept:	0
Slope:	0.05592

Error Coefficients

Relative Standard Deviation:	9.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	442598.0	NaN	N
2	STD1 460-991479/5	10.0	0.609305	50.0	421956.0	0.060931	Y
3	STD5 460-991479/6	50.0	3.073032	50.0	406260.0	0.061461	Y
4	STD20 460-991479/7	200.0	11.125882	50.0	424272.0	0.055629	Y
5	STD50 460-991479/8	500.0	28.342814	50.0	398706.0	0.056686	Y
6	STD200 460-991479/9	2000.0	108.961677	50.0	407301.0	0.054481	Y
7	STD500 460-991479/10	5000.0	231.802194	50.0	483050.0	0.04636	Y



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Calibration / Chloroform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

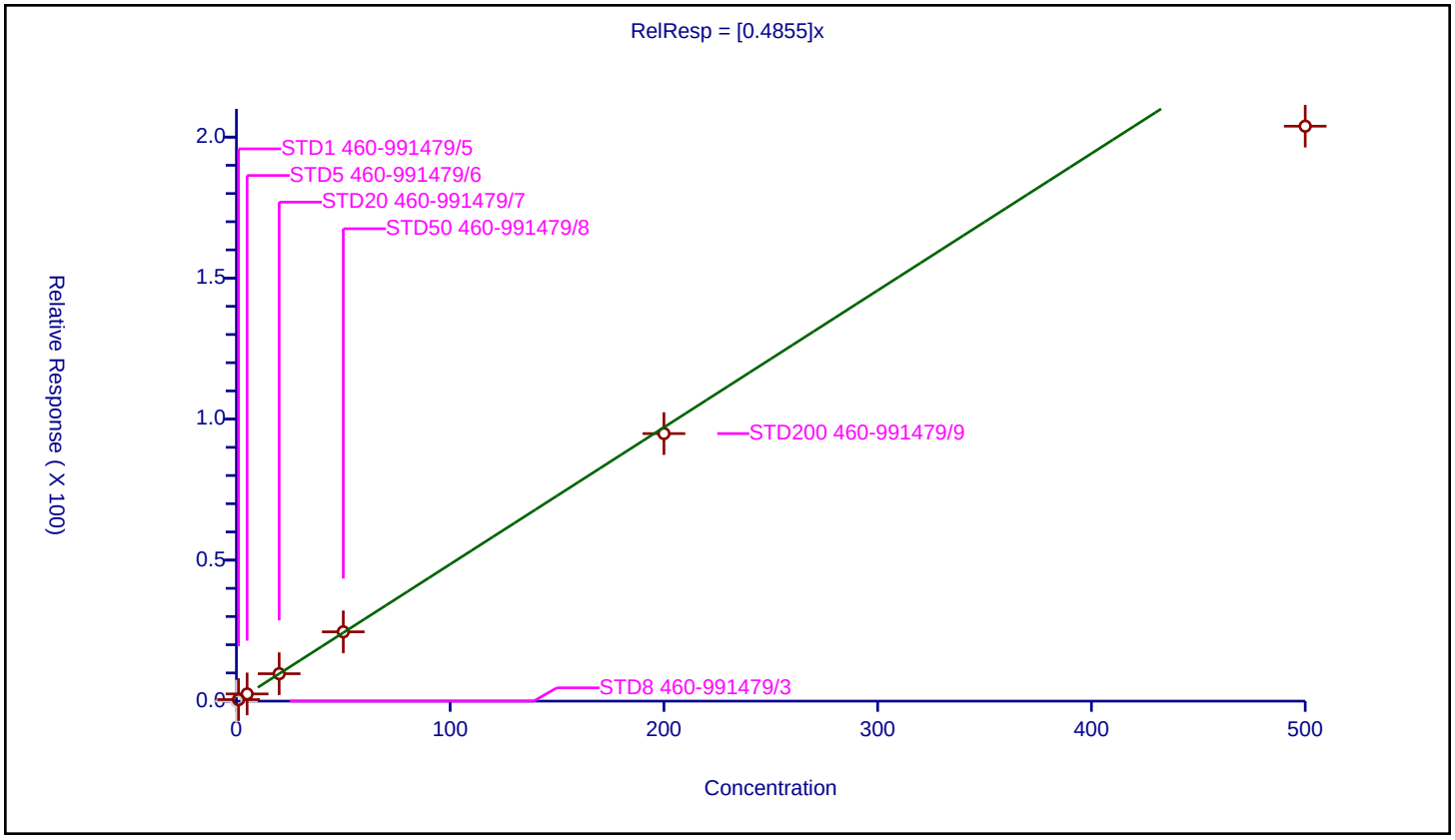
Curve Coefficients

Intercept:	0
Slope:	0.4855

Error Coefficients

Relative Standard Deviation:	9.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	442598.0	NaN	N
2	STD1 460-991479/5	1.0	0.542355	50.0	421956.0	0.542355	Y
3	STD5 460-991479/6	5.0	2.554029	50.0	406260.0	0.510806	Y
4	STD20 460-991479/7	20.0	9.719472	50.0	424272.0	0.485974	Y
5	STD50 460-991479/8	50.0	24.573997	50.0	398706.0	0.49148	Y
6	STD200 460-991479/9	200.0	94.870501	50.0	407301.0	0.474353	Y
7	STD500 460-991479/10	500.0	203.871028	50.0	483050.0	0.407742	Y



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Calibration / Cyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

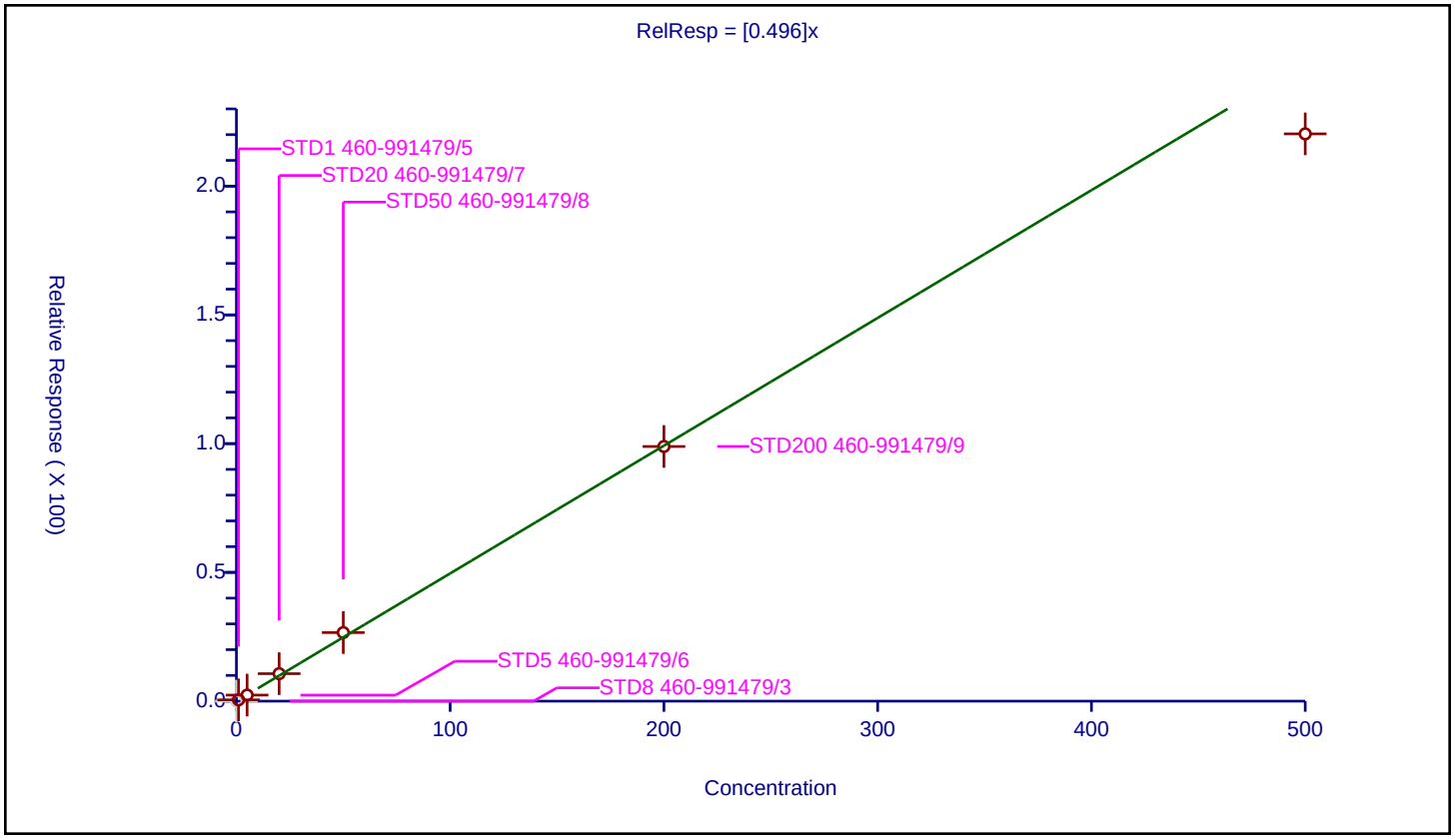
Curve Coefficients

Intercept:	0
Slope:	0.496

Error Coefficients

Relative Standard Deviation:	7.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	442598.0	NaN	N
2	STD1 460-991479/5	1.0	0.505621	50.0	421956.0	0.505621	Y
3	STD5 460-991479/6	5.0	2.348004	50.0	406260.0	0.469601	Y
4	STD20 460-991479/7	20.0	10.670042	50.0	424272.0	0.533502	Y
5	STD50 460-991479/8	50.0	26.626386	50.0	398706.0	0.532528	Y
6	STD200 460-991479/9	200.0	98.891851	50.0	407301.0	0.494459	Y
7	STD500 460-991479/10	500.0	220.292827	50.0	483050.0	0.440586	Y



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Calibration / 1,1,1-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

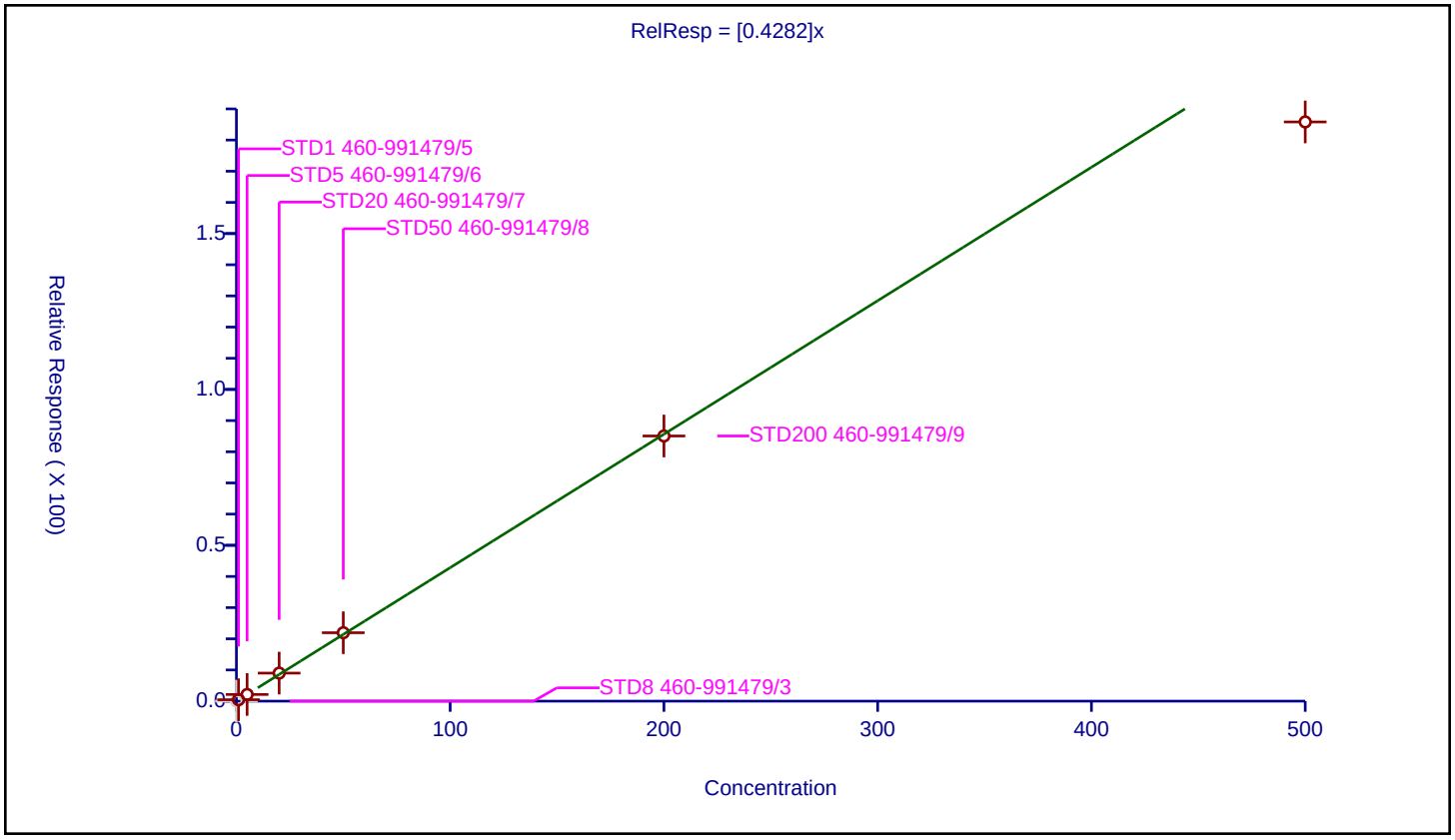
Curve Coefficients

Intercept:	0
Slope:	0.4282

Error Coefficients

Relative Standard Deviation:	7.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	442598.0	NaN	N
2	STD1 460-991479/5	1.0	0.455024	50.0	421956.0	0.455024	Y
3	STD5 460-991479/6	5.0	2.14284	50.0	406260.0	0.428568	Y
4	STD20 460-991479/7	20.0	8.993523	50.0	424272.0	0.449676	Y
5	STD50 460-991479/8	50.0	21.950008	50.0	398706.0	0.439	Y
6	STD200 460-991479/9	200.0	85.065959	50.0	407301.0	0.42533	Y
7	STD500 460-991479/10	500.0	185.809751	50.0	483050.0	0.37162	Y



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Calibration / Dibromofluoromethane (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

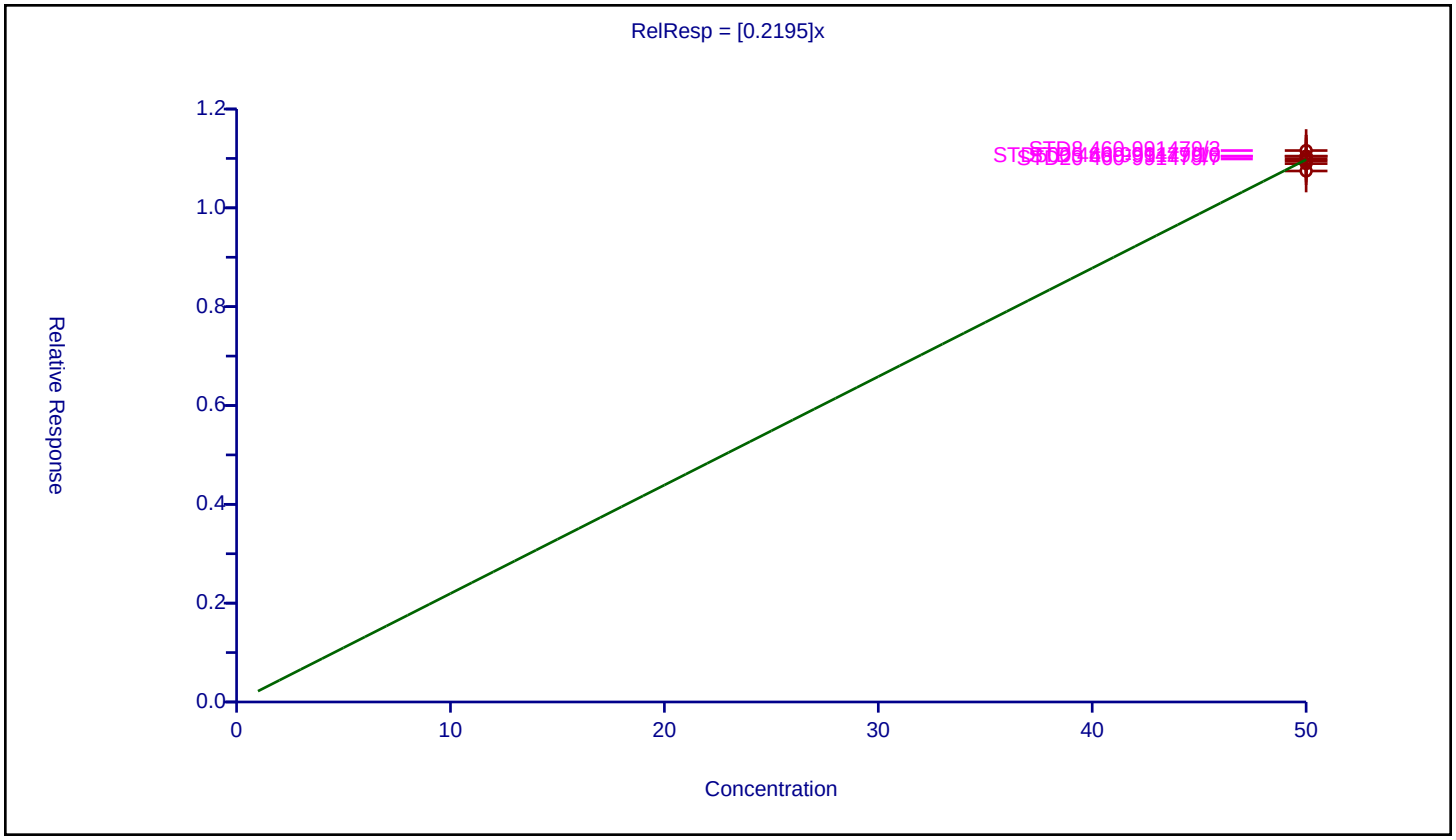
Curve Coefficients

Intercept:	0
Slope:	0.2195

Error Coefficients

Relative Standard Deviation:	1.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	50.0	11.159901	50.0	442598.0	0.223198	Y
2	STD1 460-991479/5	50.0	10.894027	50.0	421956.0	0.217881	Y
3	STD5 460-991479/6	50.0	11.045882	50.0	406260.0	0.220918	Y
4	STD20 460-991479/7	50.0	10.988823	50.0	424272.0	0.219776	Y
5	STD50 460-991479/8	50.0	10.745637	50.0	398706.0	0.214915	Y
6	STD200 460-991479/9	50.0	10.947555	50.0	407301.0	0.218951	Y
7	STD500 460-991479/10	50.0	11.043474	50.0	483050.0	0.220869	Y



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Calibration / Carbon tetrachloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

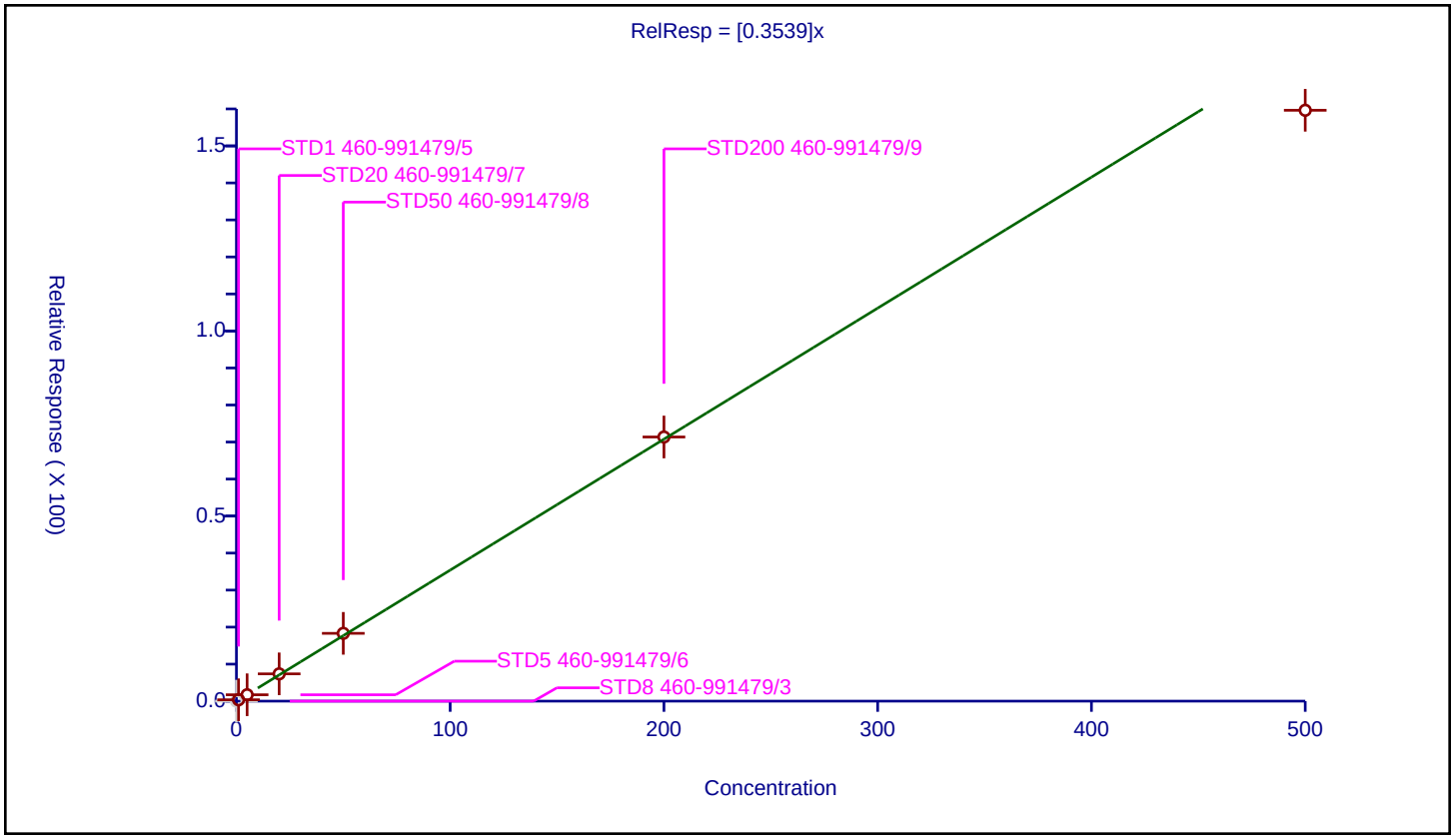
Curve Coefficients

Intercept:	0
Slope:	0.3539

Error Coefficients

Relative Standard Deviation:	5.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	442598.0	NaN	N
2	STD1 460-991479/5	1.0	0.368048	50.0	421956.0	0.368048	Y
3	STD5 460-991479/6	5.0	1.722173	50.0	406260.0	0.344435	Y
4	STD20 460-991479/7	20.0	7.370743	50.0	424272.0	0.368537	Y
5	STD50 460-991479/8	50.0	18.315375	50.0	398706.0	0.366308	Y
6	STD200 460-991479/9	200.0	71.358406	50.0	407301.0	0.356792	Y
7	STD500 460-991479/10	500.0	159.625091	50.0	483050.0	0.31925	Y



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Calibration / 1,1-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

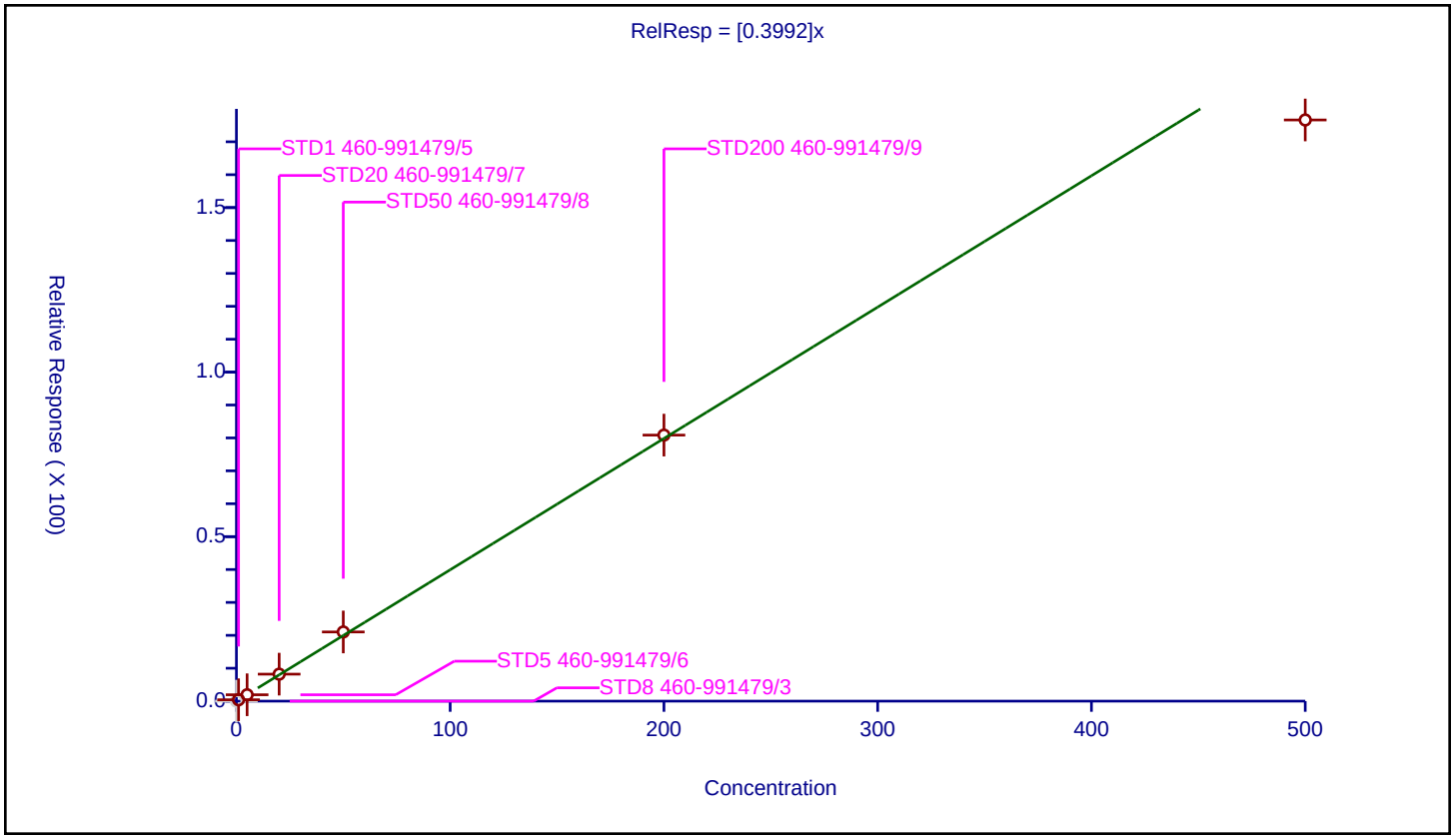
Curve Coefficients

Intercept:	0
Slope:	0.3992

Error Coefficients

Relative Standard Deviation:	6.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	442598.0	NaN	N
2	STD1 460-991479/5	1.0	0.418527	50.0	421956.0	0.418527	Y
3	STD5 460-991479/6	5.0	1.940752	50.0	406260.0	0.38815	Y
4	STD20 460-991479/7	20.0	8.207235	50.0	424272.0	0.410362	Y
5	STD50 460-991479/8	50.0	21.02464	50.0	398706.0	0.420493	Y
6	STD200 460-991479/9	200.0	80.853718	50.0	407301.0	0.404269	Y
7	STD500 460-991479/10	500.0	176.630163	50.0	483050.0	0.35326	Y



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Calibration / Isobutyl alcohol

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

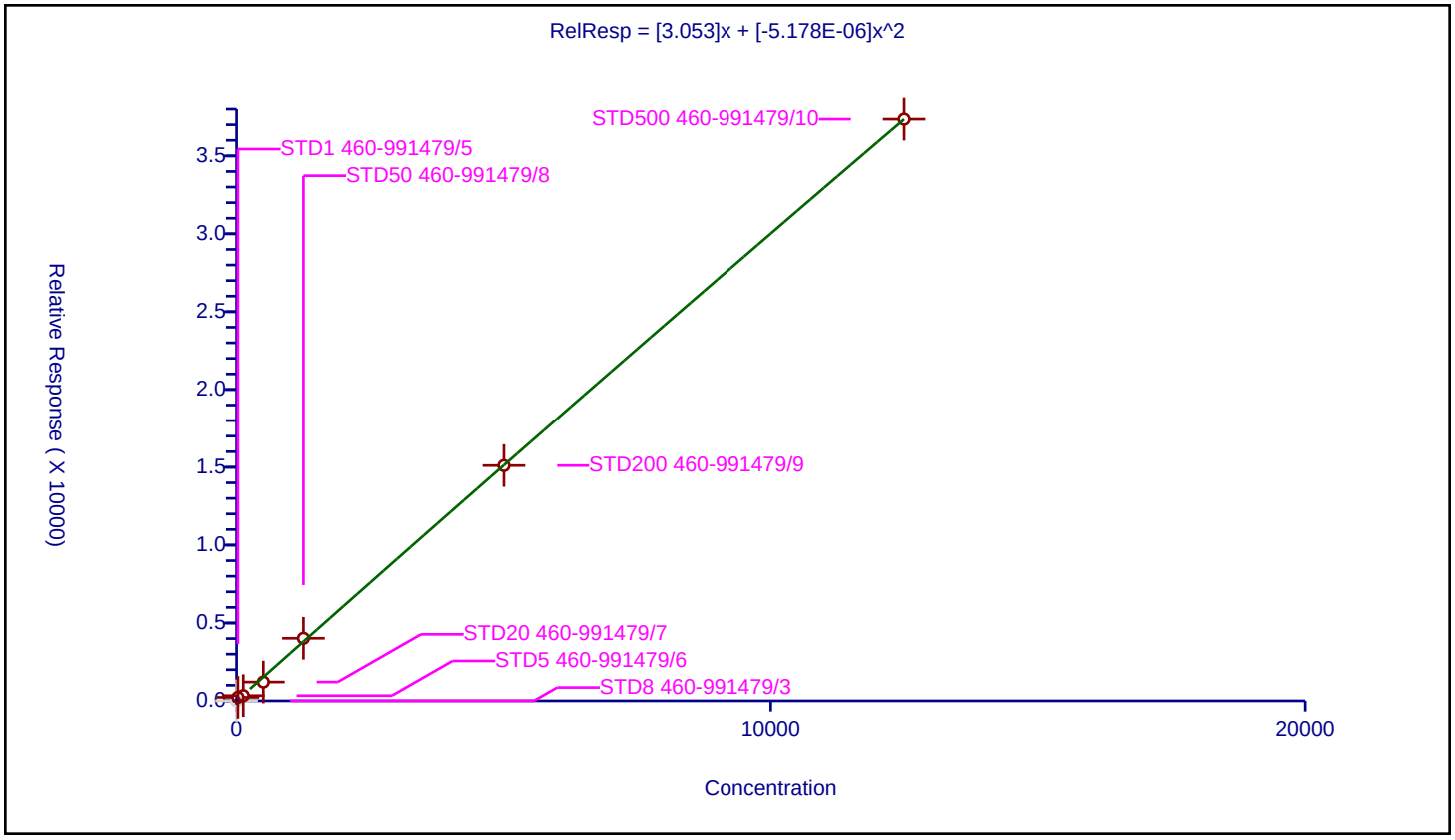
Curve Coefficients

Intercept:	0
Slope:	3.053
Second Order:	-5.178E-06

Error Coefficients

Relative Standard Deviation:	97.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	1000.0	14272.0	NaN	N
2	STD1 460-991479/5	25.0	224.414796	1000.0	12517.0	8.976592	Y
3	STD5 460-991479/6	125.0	334.318854	1000.0	13191.0	2.674551	Y
4	STD20 460-991479/7	500.0	1208.270378	1000.0	12575.0	2.416541	Y
5	STD50 460-991479/8	1250.0	4018.722209	1000.0	12819.0	3.214978	Y
6	STD200 460-991479/9	5000.0	15108.864173	1000.0	11868.0	3.021773	Y
7	STD500 460-991479/10	12500.0	37358.130202	1000.0	13456.0	2.98865	Y



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Calibration / Isooctane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

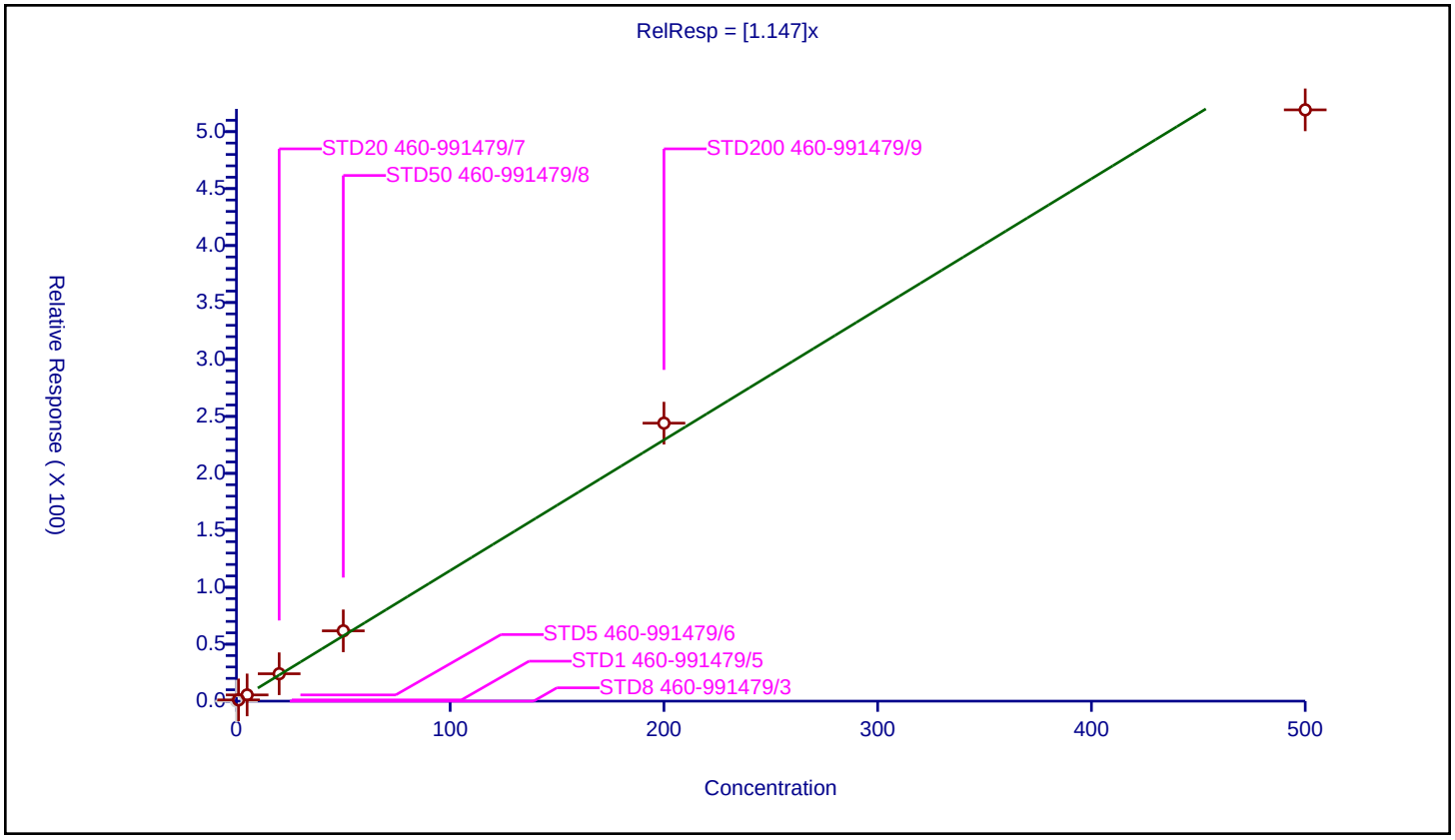
Curve Coefficients

Intercept:	0
Slope:	1.147

Error Coefficients

Relative Standard Deviation:	7.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	442598.0	NaN	N
2	STD1 460-991479/5	1.0	1.090398	50.0	421956.0	1.090398	Y
3	STD5 460-991479/6	5.0	5.468788	50.0	406260.0	1.093758	Y
4	STD20 460-991479/7	20.0	24.045188	50.0	424272.0	1.202259	Y
5	STD50 460-991479/8	50.0	61.714772	50.0	398706.0	1.234295	Y
6	STD200 460-991479/9	200.0	244.089261	50.0	407301.0	1.220446	Y
7	STD500 460-991479/10	500.0	519.15723	50.0	483050.0	1.038314	Y



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Calibration / Benzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

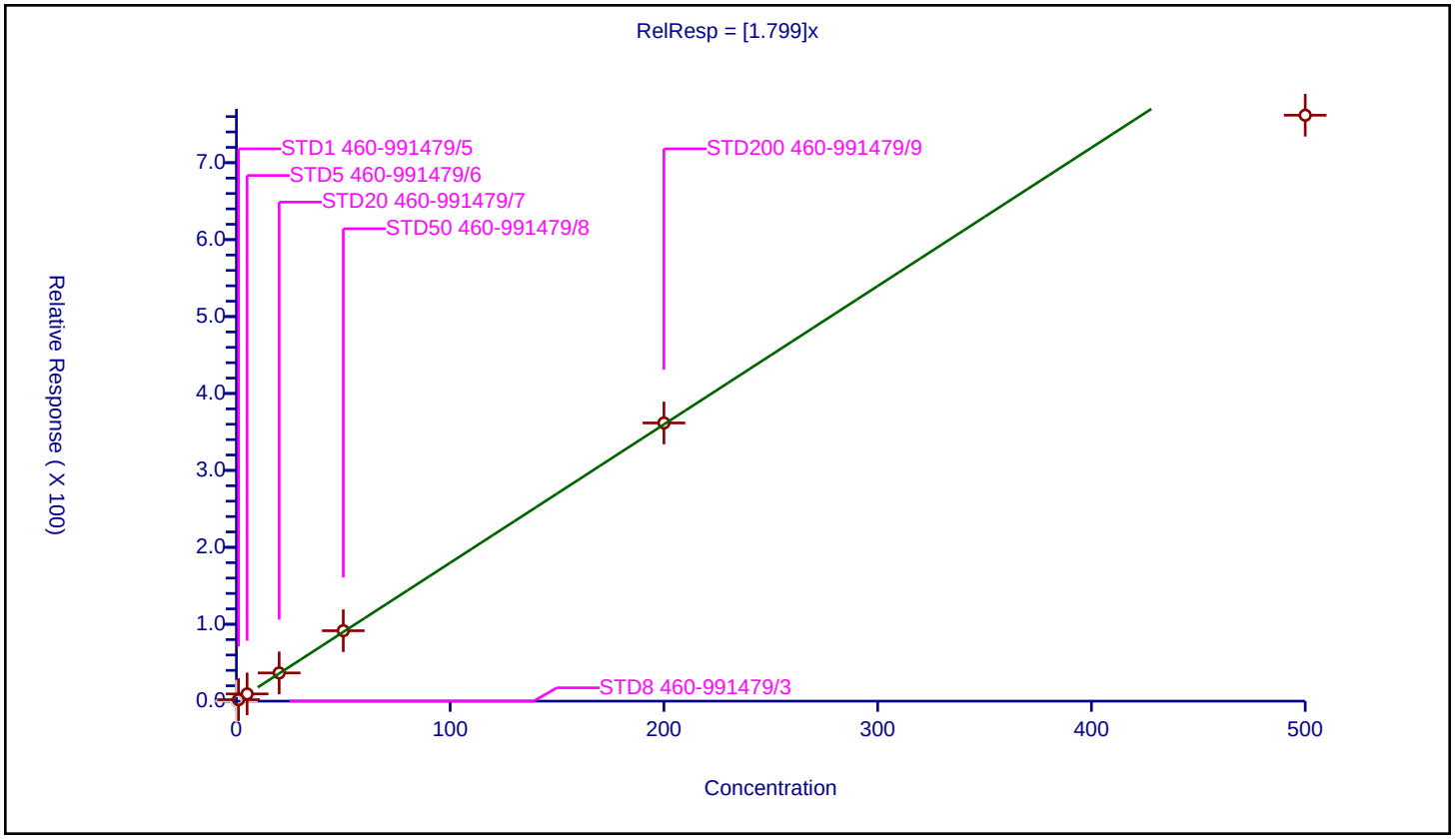
Curve Coefficients

Intercept:	0
Slope:	1.799

Error Coefficients

Relative Standard Deviation:	7.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	310518.0	NaN	N
2	STD1 460-991479/5	1.0	1.917322	50.0	290744.0	1.917322	Y
3	STD5 460-991479/6	5.0	9.394024	50.0	283361.0	1.878805	Y
4	STD20 460-991479/7	20.0	36.679584	50.0	290051.0	1.833979	Y
5	STD50 460-991479/8	50.0	91.559161	50.0	276187.0	1.831183	Y
6	STD200 460-991479/9	200.0	361.683379	50.0	275939.0	1.808417	Y
7	STD500 460-991479/10	500.0	761.76738	50.0	331021.0	1.523535	Y



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Calibration / 1,2-Dichloroethane-d4 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

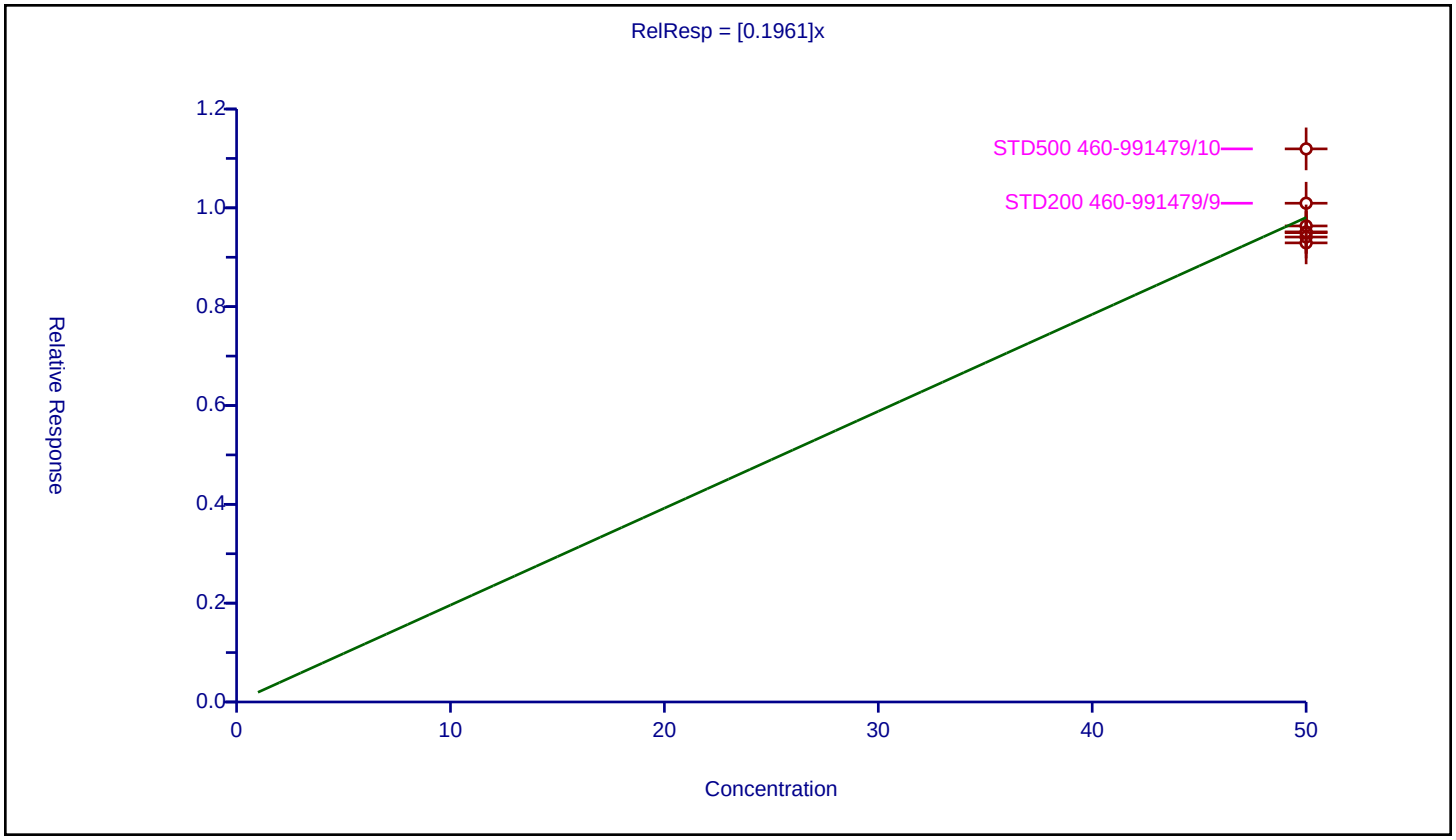
Curve Coefficients

Intercept:	0
Slope:	0.1961

Error Coefficients

Relative Standard Deviation:	6.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	50.0	9.513599	50.0	442598.0	0.190272	Y
2	STD1 460-991479/5	50.0	9.497436	50.0	421956.0	0.189949	Y
3	STD5 460-991479/6	50.0	9.290725	50.0	406260.0	0.185815	Y
4	STD20 460-991479/7	50.0	9.40894	50.0	424272.0	0.188179	Y
5	STD50 460-991479/8	50.0	9.63379	50.0	398706.0	0.192676	Y
6	STD200 460-991479/9	50.0	10.093641	50.0	407301.0	0.201873	Y
7	STD500 460-991479/10	50.0	11.193458	50.0	483050.0	0.223869	Y



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Calibration / Isopropyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

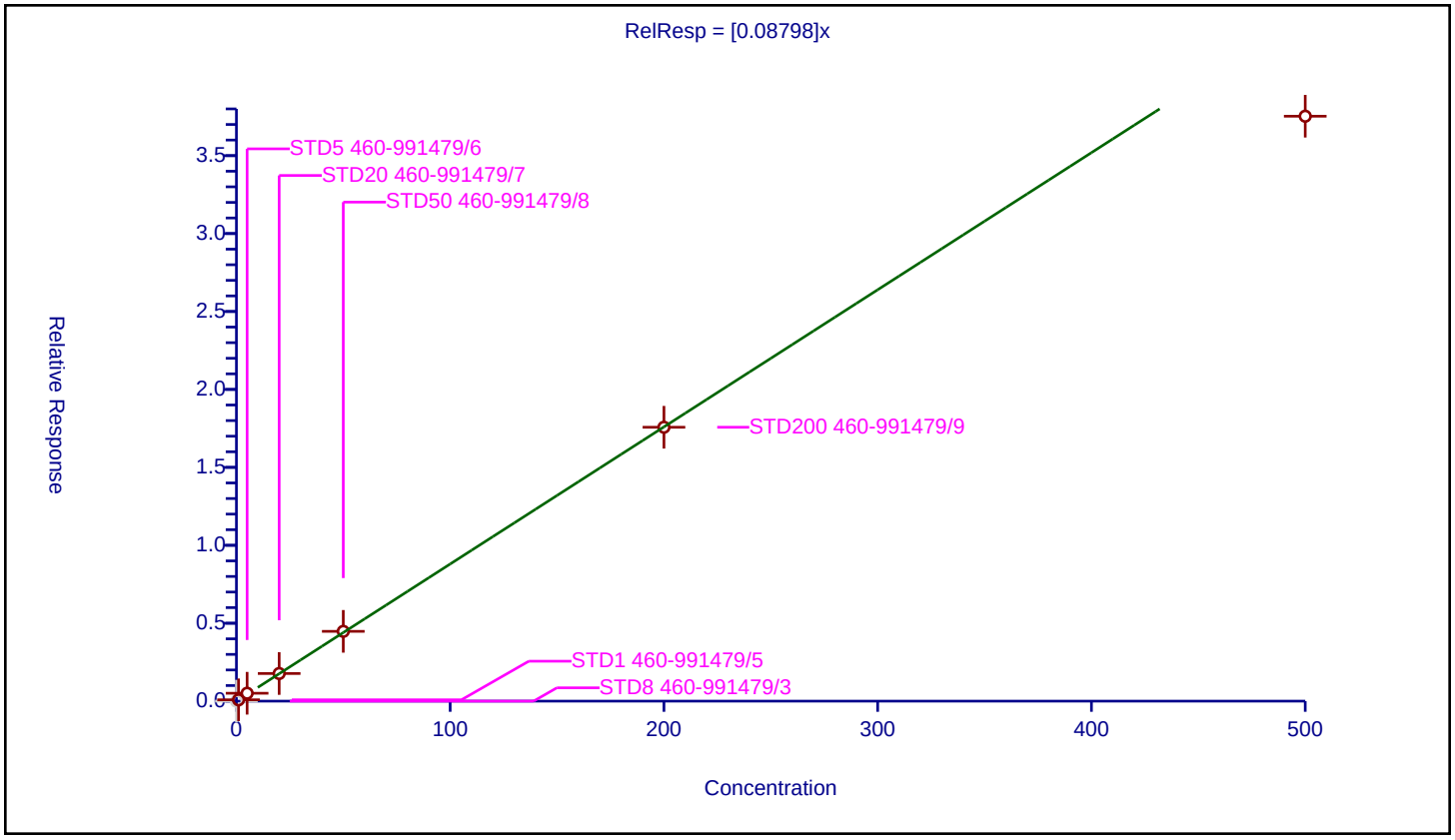
Curve Coefficients

Intercept:	0
Slope:	0.08798

Error Coefficients

Relative Standard Deviation:	9.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	442598.0	NaN	N
2	STD1 460-991479/5	1.0	0.085435	50.0	421956.0	0.085435	Y
3	STD5 460-991479/6	5.0	0.506695	50.0	406260.0	0.101339	Y
4	STD20 460-991479/7	20.0	1.772448	50.0	424272.0	0.088622	Y
5	STD50 460-991479/8	50.0	4.47761	50.0	398706.0	0.089552	Y
6	STD200 460-991479/9	200.0	17.574226	50.0	407301.0	0.087871	Y
7	STD500 460-991479/10	500.0	37.53038	50.0	483050.0	0.075061	Y



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Calibration / Tert-amyl methyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

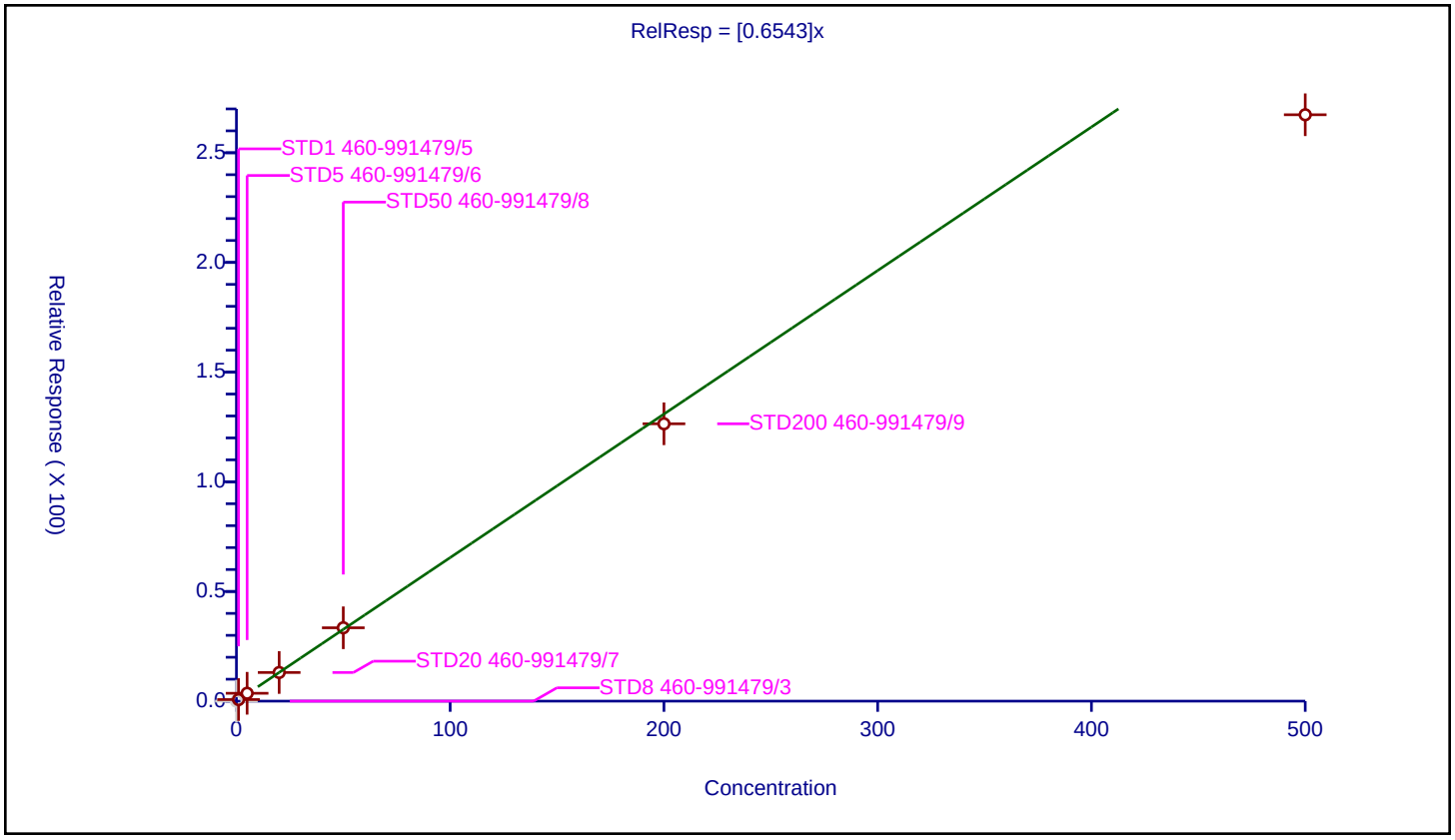
Curve Coefficients

Intercept:	0
Slope:	0.6543

Error Coefficients

Relative Standard Deviation:	10.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	442598.0	NaN	N
2	STD1 460-991479/5	1.0	0.721047	50.0	421956.0	0.721047	Y
3	STD5 460-991479/6	5.0	3.582066	50.0	406260.0	0.716413	Y
4	STD20 460-991479/7	20.0	13.058722	50.0	424272.0	0.652936	Y
5	STD50 460-991479/8	50.0	33.441558	50.0	398706.0	0.668831	Y
6	STD200 460-991479/9	200.0	126.441256	50.0	407301.0	0.632206	Y
7	STD500 460-991479/10	500.0	267.326778	50.0	483050.0	0.534654	Y



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Calibration / 1,2-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

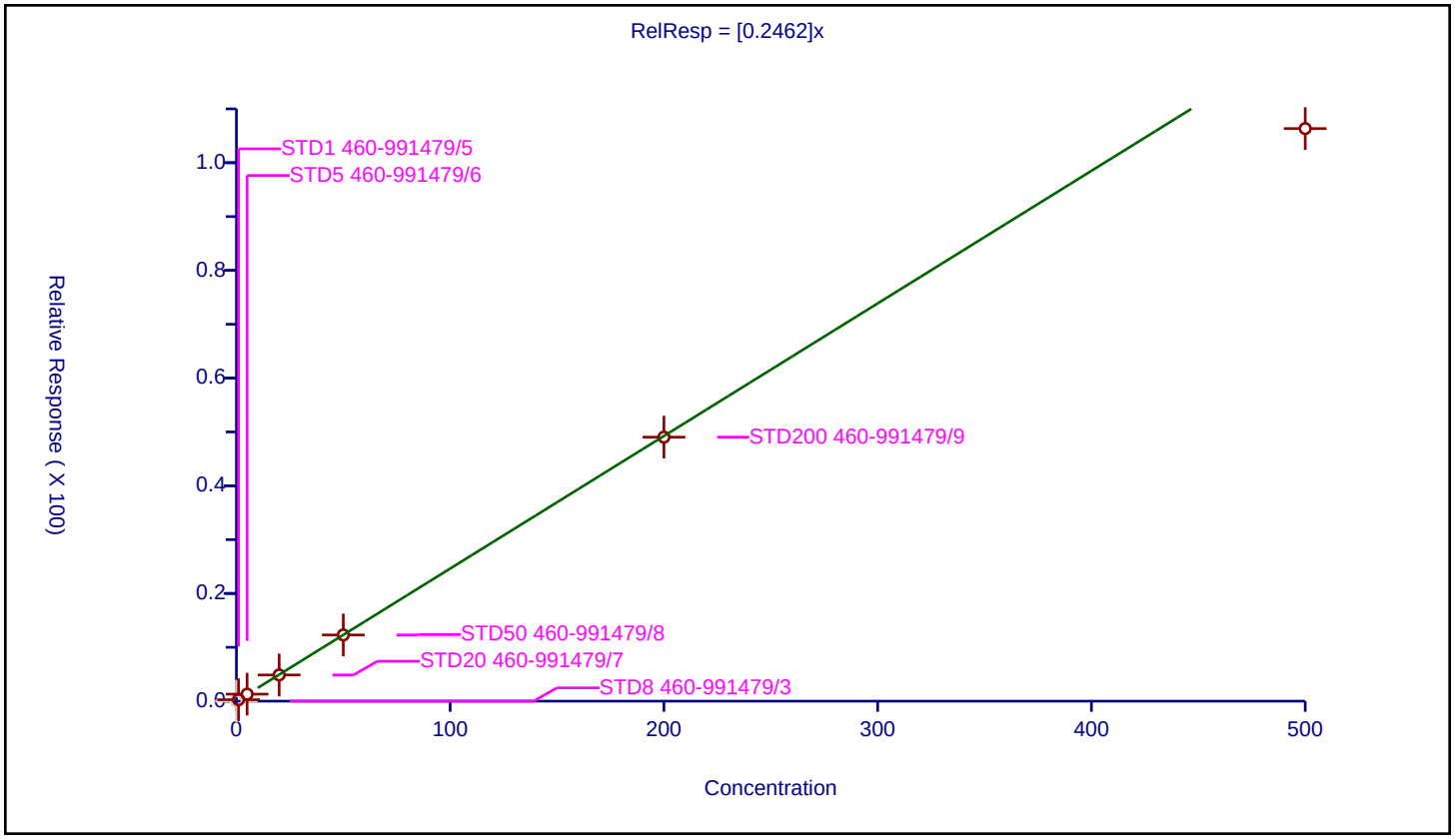
Curve Coefficients

Intercept:	0
Slope:	0.2462

Error Coefficients

Relative Standard Deviation:	7.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	442598.0	NaN	N
2	STD1 460-991479/5	1.0	0.270289	50.0	421956.0	0.270289	Y
3	STD5 460-991479/6	5.0	1.300399	50.0	406260.0	0.26008	Y
4	STD20 460-991479/7	20.0	4.867043	50.0	424272.0	0.243352	Y
5	STD50 460-991479/8	50.0	12.29352	50.0	398706.0	0.24587	Y
6	STD200 460-991479/9	200.0	49.034866	50.0	407301.0	0.245174	Y
7	STD500 460-991479/10	500.0	106.343857	50.0	483050.0	0.212688	Y



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Calibration / n-Heptane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

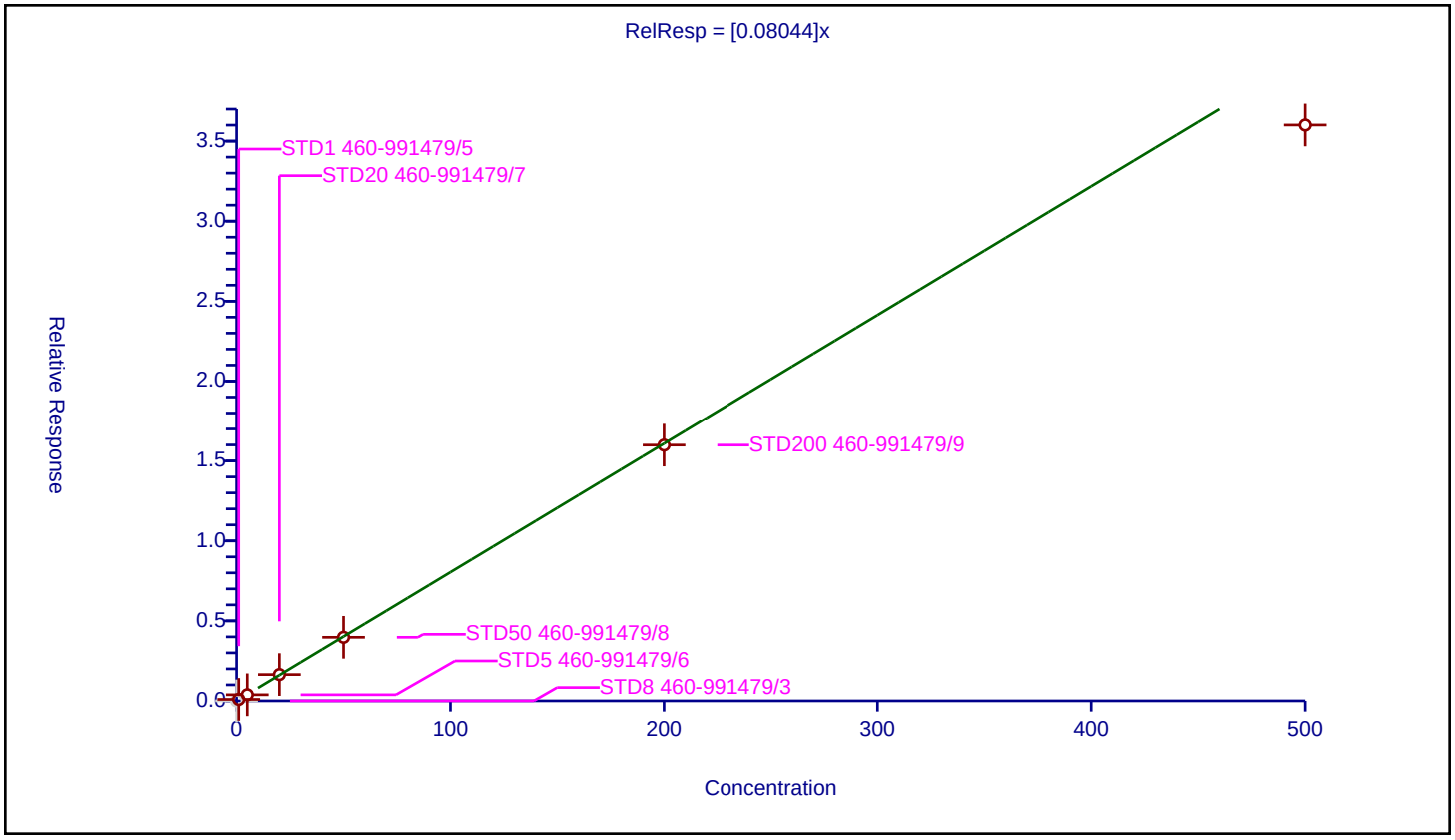
Curve Coefficients

Intercept:	0
Slope:	0.08044

Error Coefficients

Relative Standard Deviation:	8.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	442598.0	NaN	N
2	STD1 460-991479/5	1.0	0.092545	50.0	421956.0	0.092545	Y
3	STD5 460-991479/6	5.0	0.382514	50.0	406260.0	0.076503	Y
4	STD20 460-991479/7	20.0	1.643403	50.0	424272.0	0.08217	Y
5	STD50 460-991479/8	50.0	3.971974	50.0	398706.0	0.079439	Y
6	STD200 460-991479/9	200.0	15.991859	50.0	407301.0	0.079959	Y
7	STD500 460-991479/10	500.0	36.008281	50.0	483050.0	0.072017	Y



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Calibration / n-Butanol

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

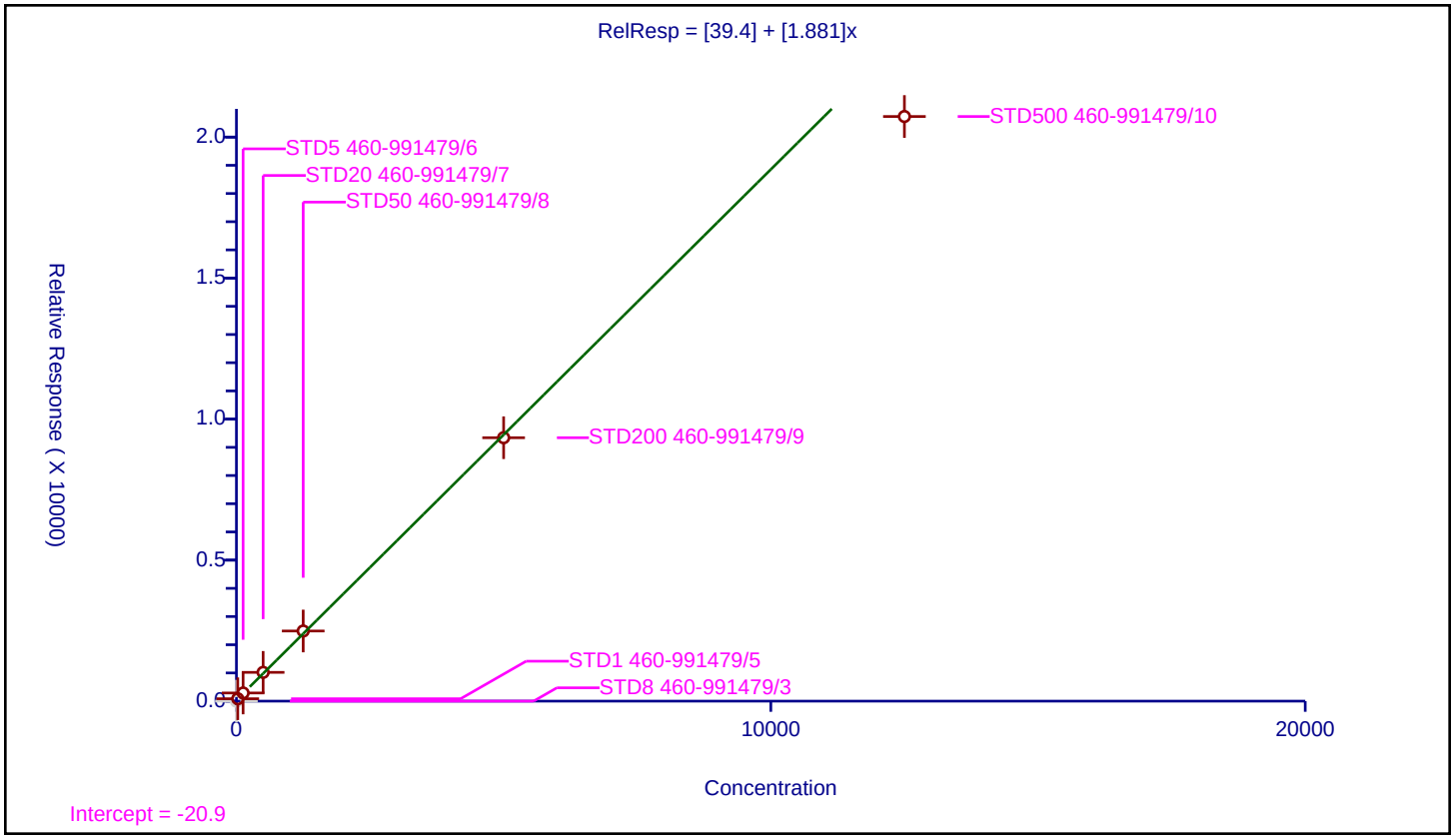
Curve Coefficients

Intercept:	39.4
Slope:	1.881

Error Coefficients

Relative Standard Deviation:	7.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	1000.0	14272.0	NaN	N
2	STD1 460-991479/5	25.0	85.723416	1000.0	12517.0	3.428937	Y
3	STD5 460-991479/6	125.0	289.288151	1000.0	13191.0	2.314305	Y
4	STD20 460-991479/7	500.0	1020.83499	1000.0	12575.0	2.04167	Y
5	STD50 460-991479/8	1250.0	2487.401513	1000.0	12819.0	1.989921	Y
6	STD200 460-991479/9	5000.0	9340.242669	1000.0	11868.0	1.868049	Y
7	STD500 460-991479/10	12500.0	20730.157551	1000.0	13456.0	1.658413	Y



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Calibration / Trichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

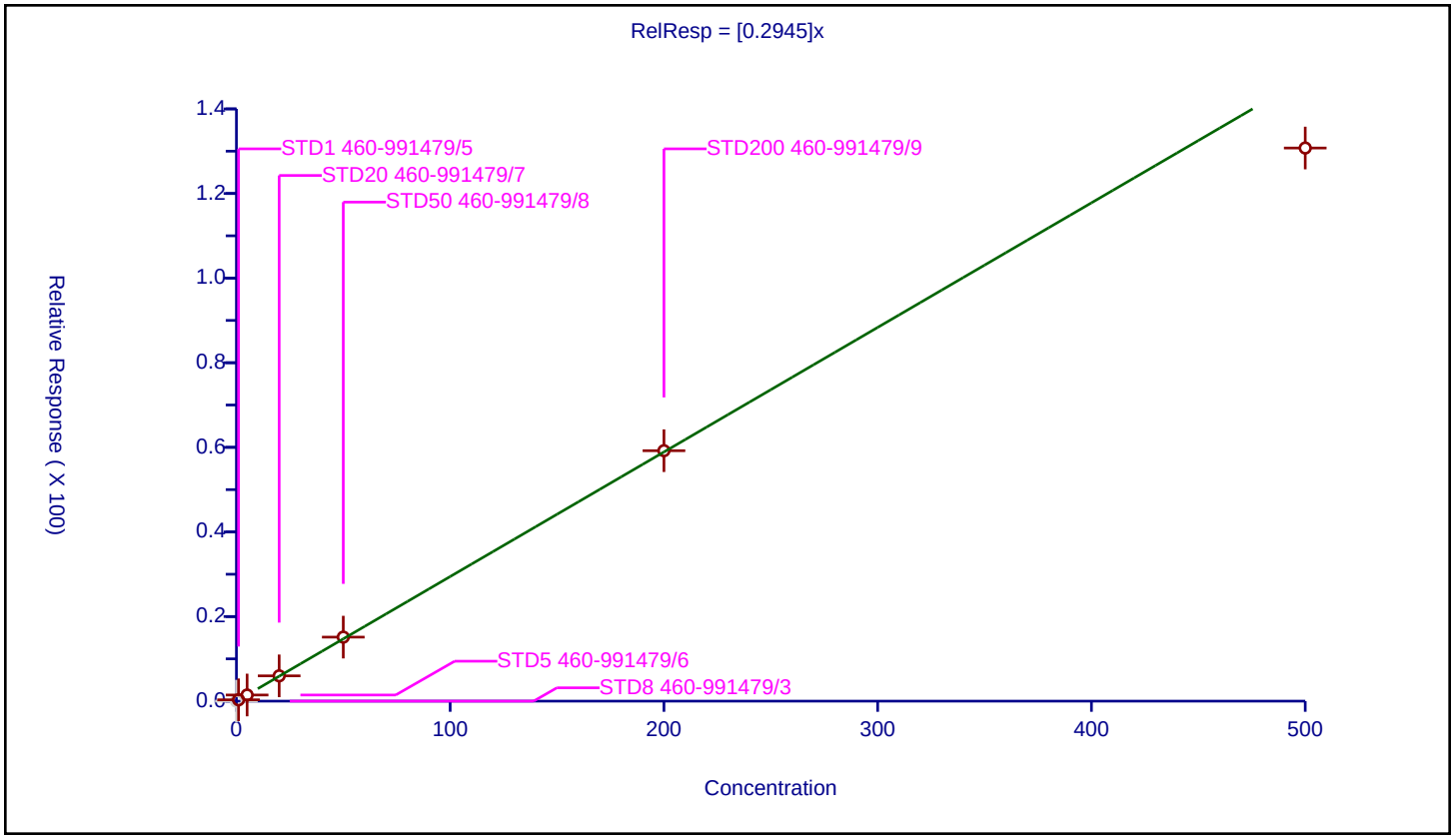
Curve Coefficients

Intercept:	0
Slope:	0.2945

Error Coefficients

Relative Standard Deviation:	6.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	442598.0	NaN	N
2	STD1 460-991479/5	1.0	0.317213	50.0	421956.0	0.317213	Y
3	STD5 460-991479/6	5.0	1.452764	50.0	406260.0	0.290553	Y
4	STD20 460-991479/7	20.0	5.979655	50.0	424272.0	0.298983	Y
5	STD50 460-991479/8	50.0	15.133457	50.0	398706.0	0.302669	Y
6	STD200 460-991479/9	200.0	59.200935	50.0	407301.0	0.296005	Y
7	STD500 460-991479/10	500.0	130.751164	50.0	483050.0	0.261502	Y



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Calibration / Ethyl acrylate

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

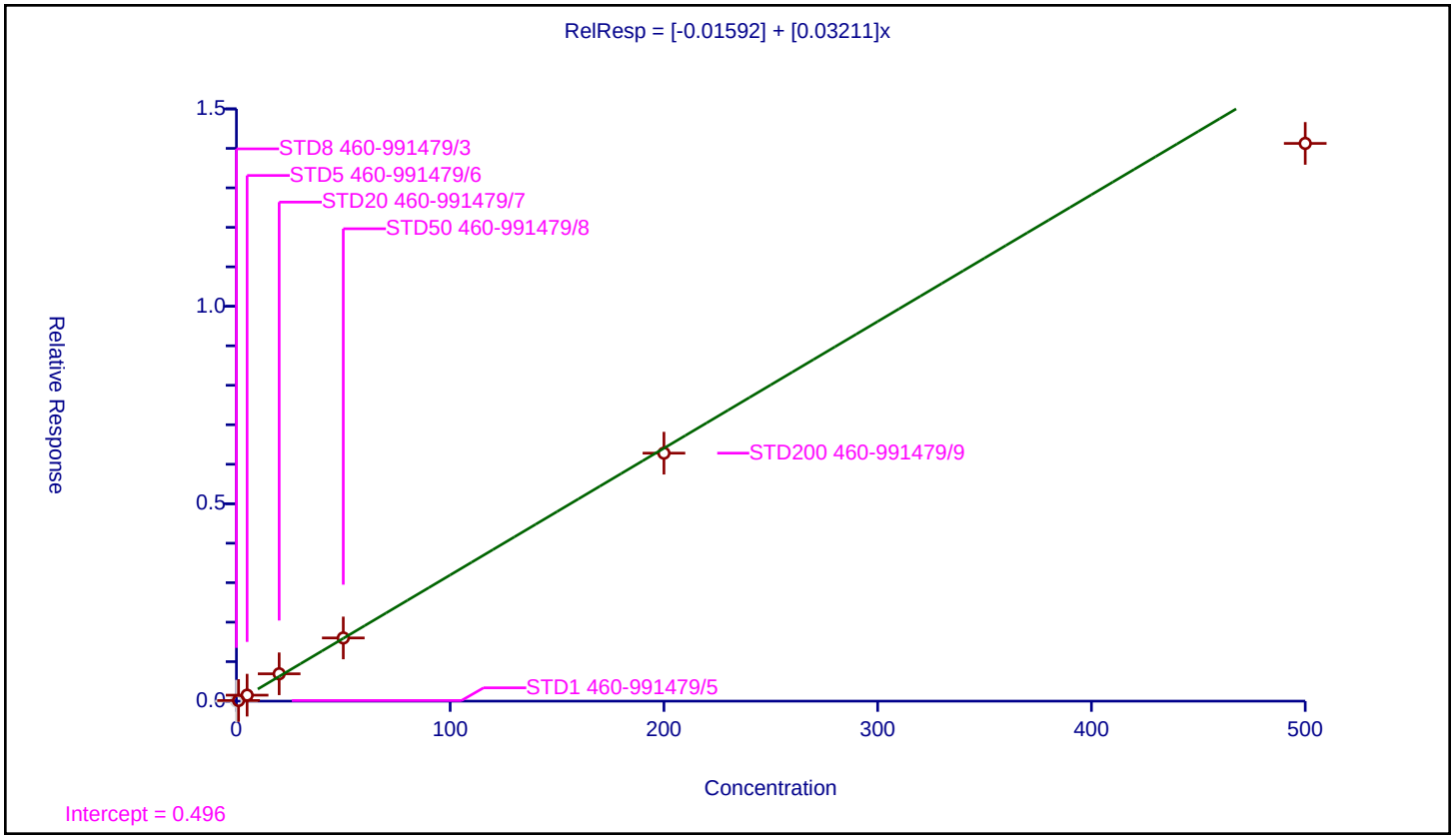
Curve Coefficients

Intercept:	-0.01592
Slope:	0.03211

Error Coefficients

Relative Standard Deviation:	8.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	442598.0	NaN	N
2	STD1 460-991479/5	1.0	0.01576	50.0	421956.0	0.01576	Y
3	STD5 460-991479/6	5.0	0.151381	50.0	406260.0	0.030276	Y
4	STD20 460-991479/7	20.0	0.692245	50.0	424272.0	0.034612	Y
5	STD50 460-991479/8	50.0	1.600427	50.0	398706.0	0.032009	Y
6	STD200 460-991479/9	200.0	6.28049	50.0	407301.0	0.031402	Y
7	STD500 460-991479/10	500.0	14.125556	50.0	483050.0	0.028251	Y



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Calibration / Methylcyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

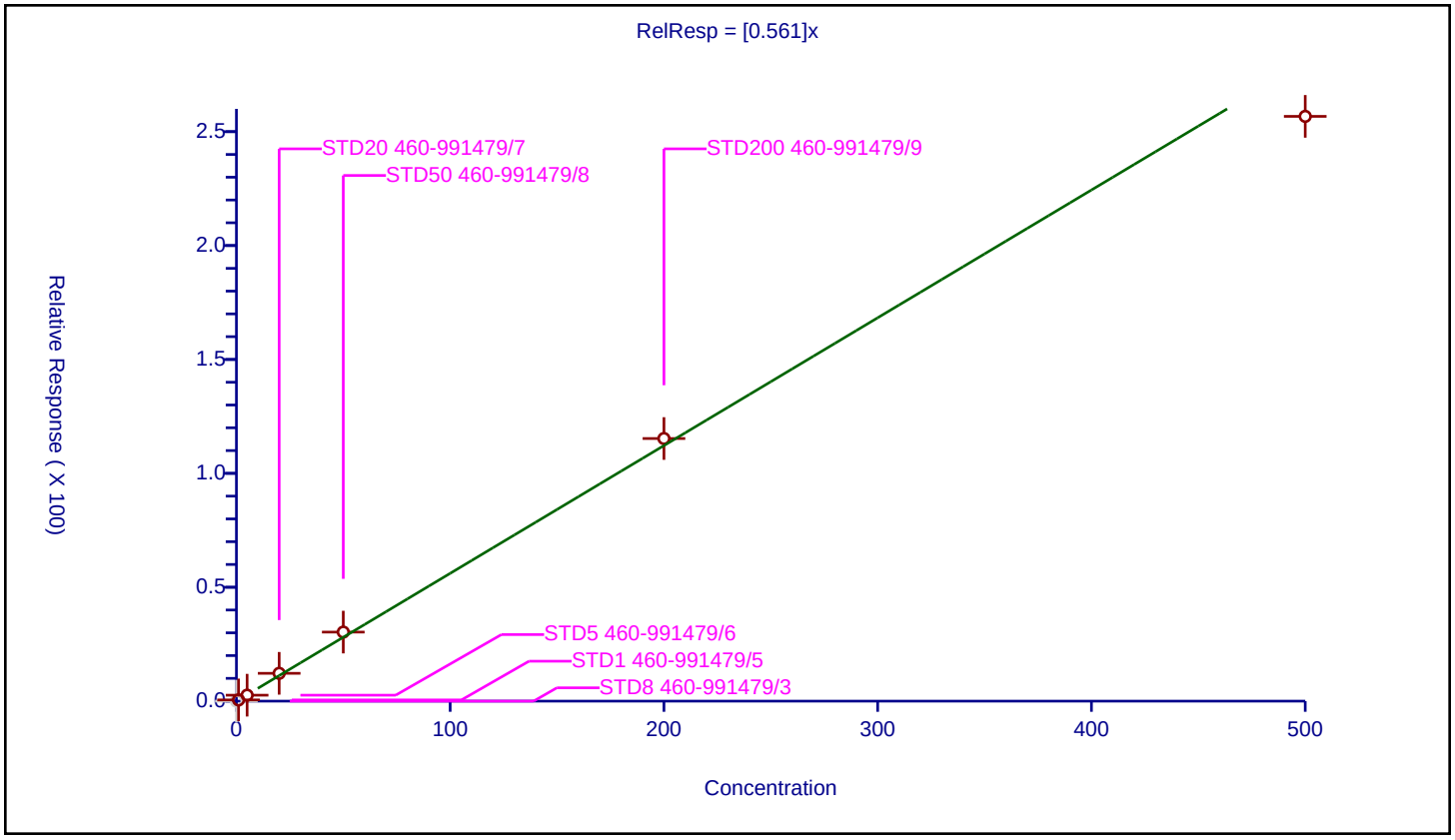
Curve Coefficients

Intercept:	0
Slope:	0.561

Error Coefficients

Relative Standard Deviation:	7.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	442598.0	NaN	N
2	STD1 460-991479/5	1.0	0.535838	50.0	421956.0	0.535838	Y
3	STD5 460-991479/6	5.0	2.615074	50.0	406260.0	0.523015	Y
4	STD20 460-991479/7	20.0	12.217752	50.0	424272.0	0.610888	Y
5	STD50 460-991479/8	50.0	30.313188	50.0	398706.0	0.606264	Y
6	STD200 460-991479/9	200.0	115.290535	50.0	407301.0	0.576453	Y
7	STD500 460-991479/10	500.0	256.714315	50.0	483050.0	0.513429	Y



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Calibration / 1,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

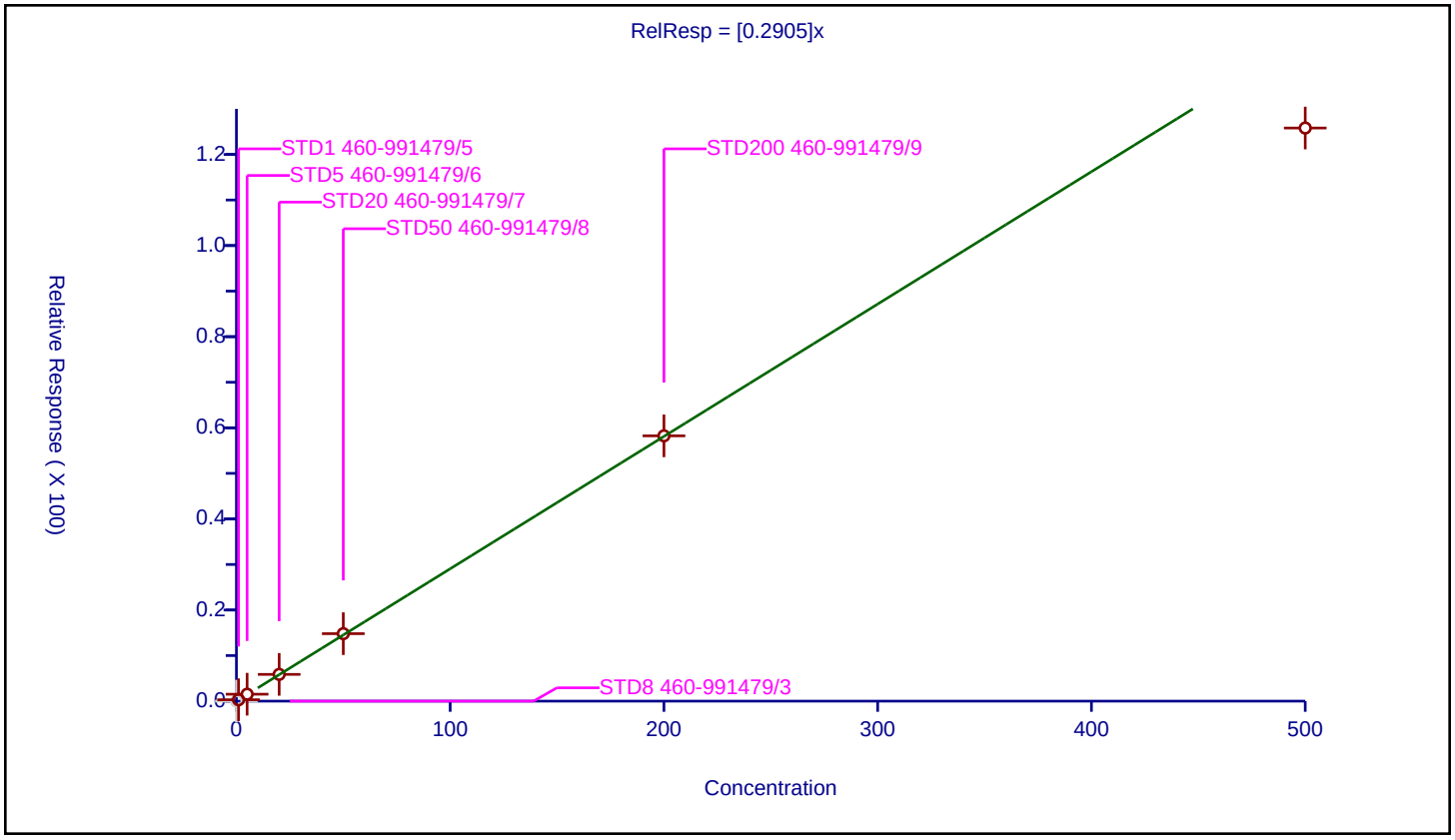
Curve Coefficients

Intercept:	0
Slope:	0.2905

Error Coefficients

Relative Standard Deviation:	6.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	442598.0	NaN	N
2	STD1 460-991479/5	1.0	0.306312	50.0	421956.0	0.306312	Y
3	STD5 460-991479/6	5.0	1.521563	50.0	406260.0	0.304313	Y
4	STD20 460-991479/7	20.0	5.872294	50.0	424272.0	0.293615	Y
5	STD50 460-991479/8	50.0	14.810286	50.0	398706.0	0.296206	Y
6	STD200 460-991479/9	200.0	58.235064	50.0	407301.0	0.291175	Y
7	STD500 460-991479/10	500.0	125.800538	50.0	483050.0	0.251601	Y



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Calibration / Methyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

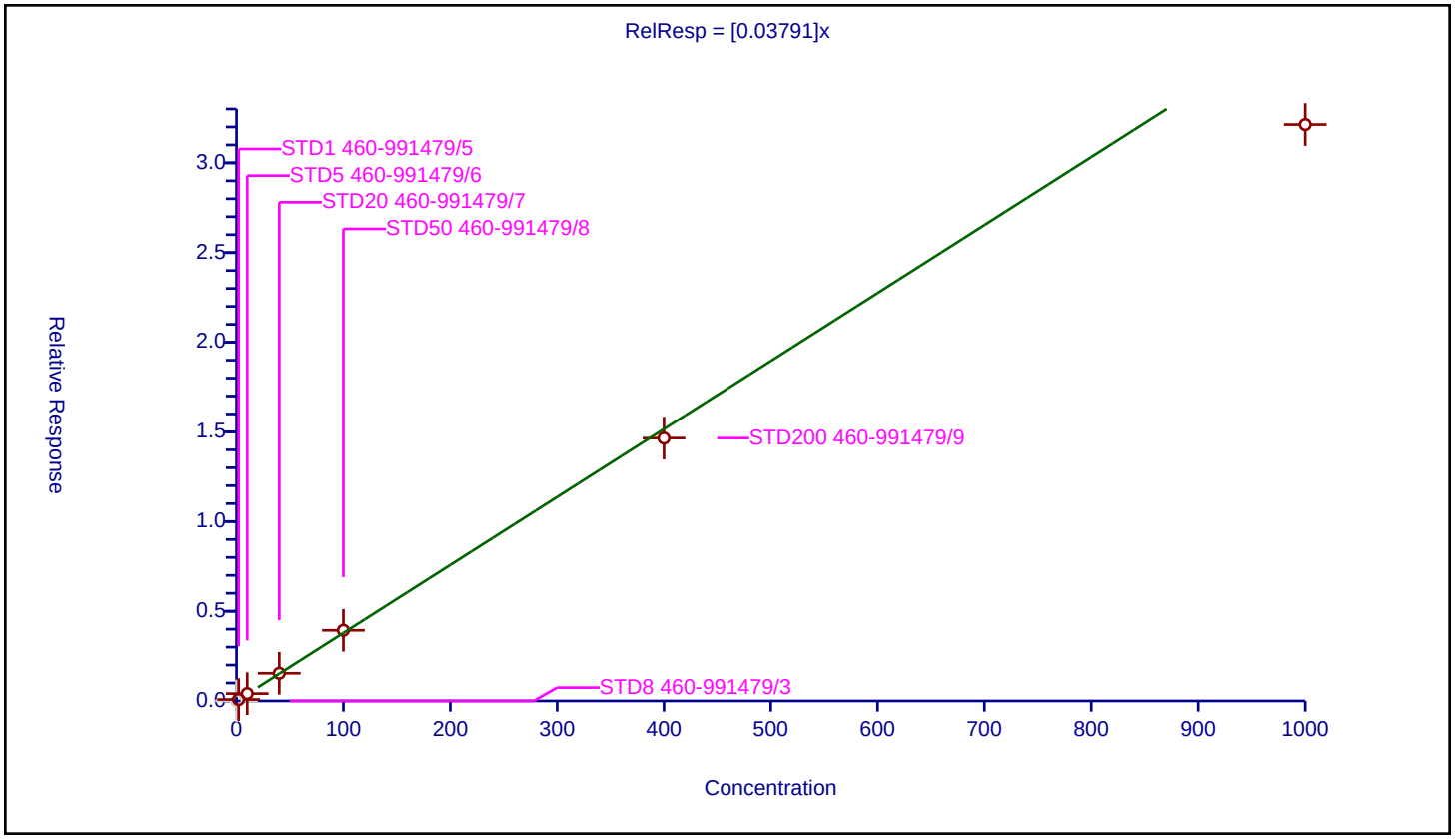
Curve Coefficients

Intercept:	0
Slope:	0.03791

Error Coefficients

Relative Standard Deviation:	8.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	442598.0	NaN	N
2	STD1 460-991479/5	2.0	0.079629	50.0	421956.0	0.039815	Y
3	STD5 460-991479/6	10.0	0.409467	50.0	406260.0	0.040947	Y
4	STD20 460-991479/7	40.0	1.541464	50.0	424272.0	0.038537	Y
5	STD50 460-991479/8	100.0	3.937989	50.0	398706.0	0.03938	Y
6	STD200 460-991479/9	400.0	14.652309	50.0	407301.0	0.036631	Y
7	STD500 460-991479/10	1000.0	32.134976	50.0	483050.0	0.032135	Y



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Calibration / 1,4-Dioxane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

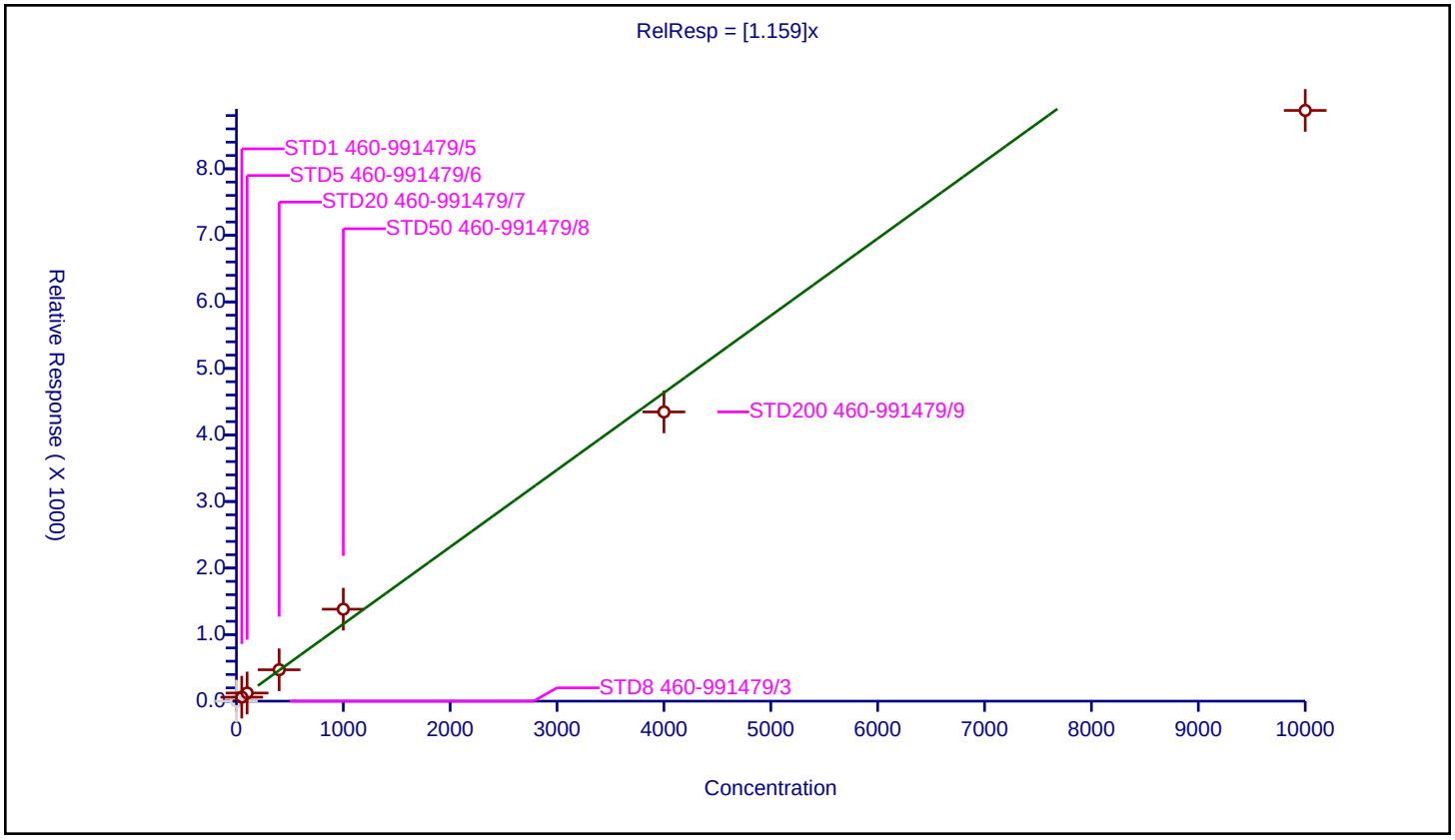
Curve Coefficients

Intercept:	0
Slope:	1.159

Error Coefficients

Relative Standard Deviation:	14.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	1000.0	9584.0	NaN	N
2	STD1 460-991479/5	50.000062	59.656218	1000.0	7912.0	1.193123	Y
3	STD5 460-991479/6	100.0	122.341012	1000.0	9073.0	1.22341	Y
4	STD20 460-991479/7	400.0	471.69592	1000.0	8603.0	1.17924	Y
5	STD50 460-991479/8	1000.0	1381.889233	1000.0	7421.0	1.381889	Y
6	STD200 460-991479/9	4000.0	4346.149181	1000.0	8245.0	1.086537	Y
7	STD500 460-991479/10	10000.0	8876.943005	1000.0	10036.0	0.887694	Y



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Calibration / Dibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

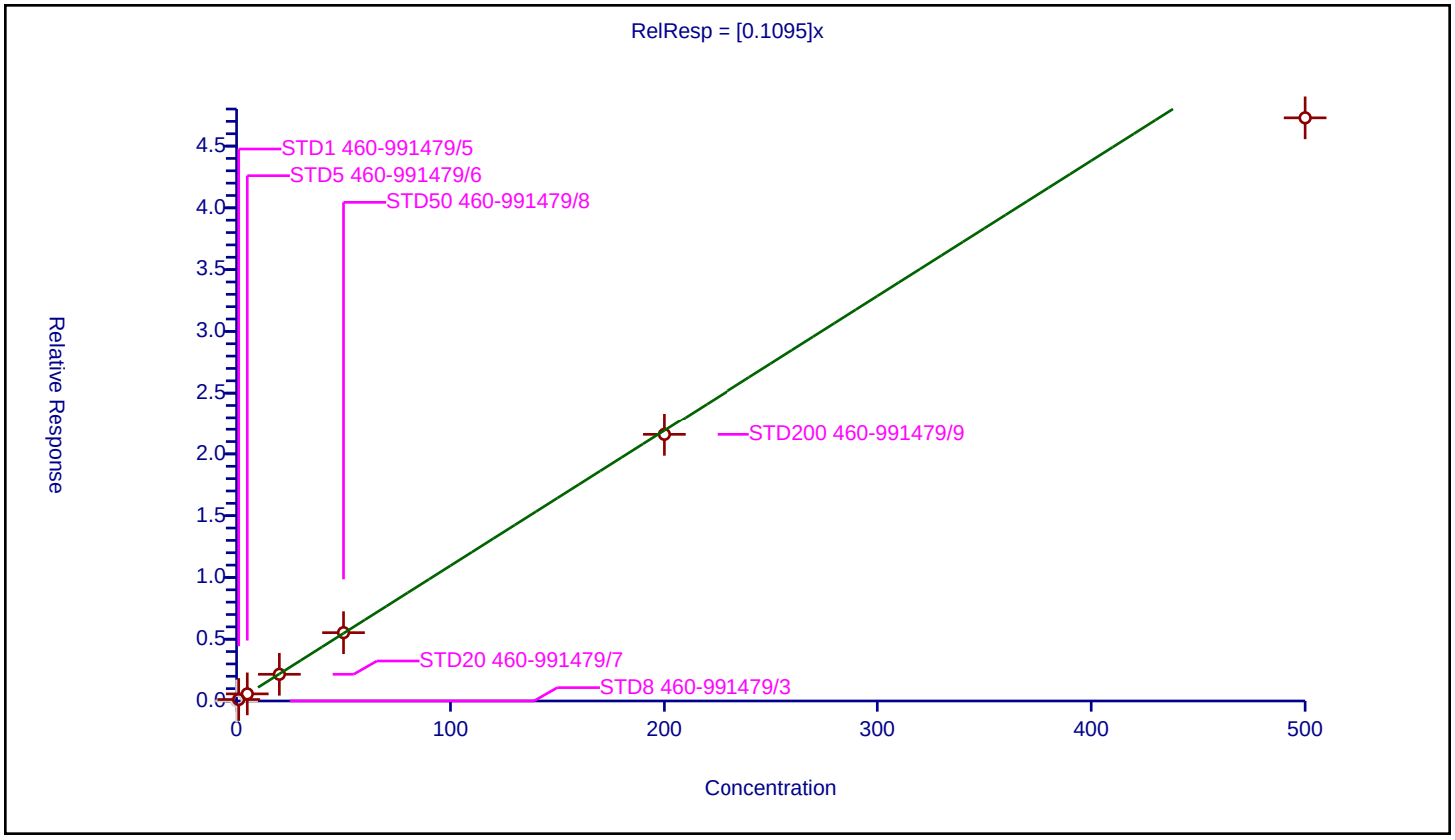
Curve Coefficients

Intercept:	0
Slope:	0.1095

Error Coefficients

Relative Standard Deviation:	8.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	442598.0	NaN	N
2	STD1 460-991479/5	1.0	0.120747	50.0	421956.0	0.120747	Y
3	STD5 460-991479/6	5.0	0.575986	50.0	406260.0	0.115197	Y
4	STD20 460-991479/7	20.0	2.162881	50.0	424272.0	0.108144	Y
5	STD50 460-991479/8	50.0	5.530892	50.0	398706.0	0.110618	Y
6	STD200 460-991479/9	200.0	21.585265	50.0	407301.0	0.107926	Y
7	STD500 460-991479/10	500.0	47.284857	50.0	483050.0	0.09457	Y



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Calibration / n-Propyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

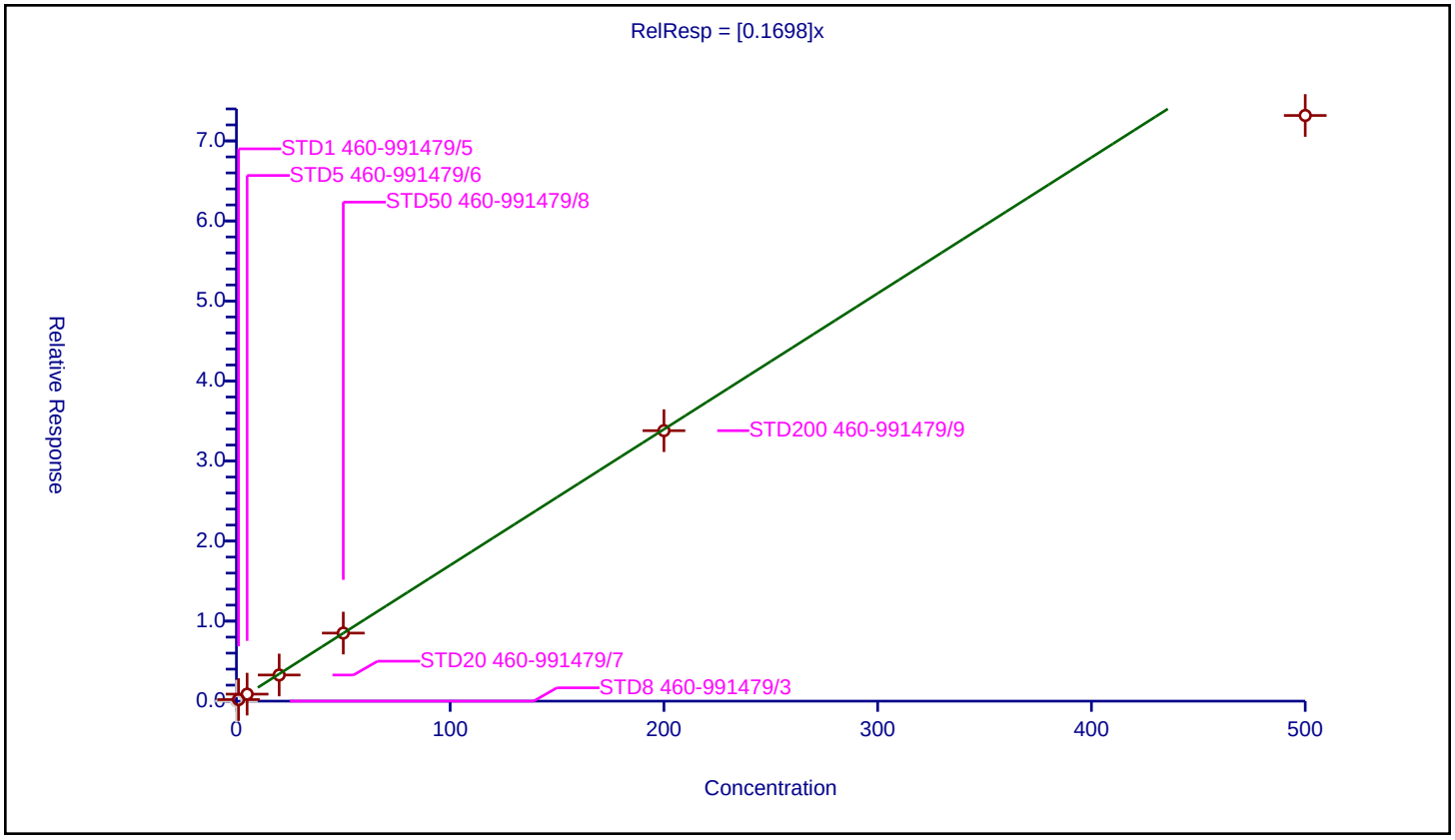
Curve Coefficients

Intercept:	0
Slope:	0.1698

Error Coefficients

Relative Standard Deviation:	9.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	442598.0	NaN	N
2	STD1 460-991479/5	1.0	0.19457	50.0	421956.0	0.19457	Y
3	STD5 460-991479/6	5.0	0.878501	50.0	406260.0	0.1757	Y
4	STD20 460-991479/7	20.0	3.26689	50.0	424272.0	0.163345	Y
5	STD50 460-991479/8	50.0	8.502756	50.0	398706.0	0.170055	Y
6	STD200 460-991479/9	200.0	33.795277	50.0	407301.0	0.168976	Y
7	STD500 460-991479/10	500.0	73.177207	50.0	483050.0	0.146354	Y



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Calibration / Dichlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

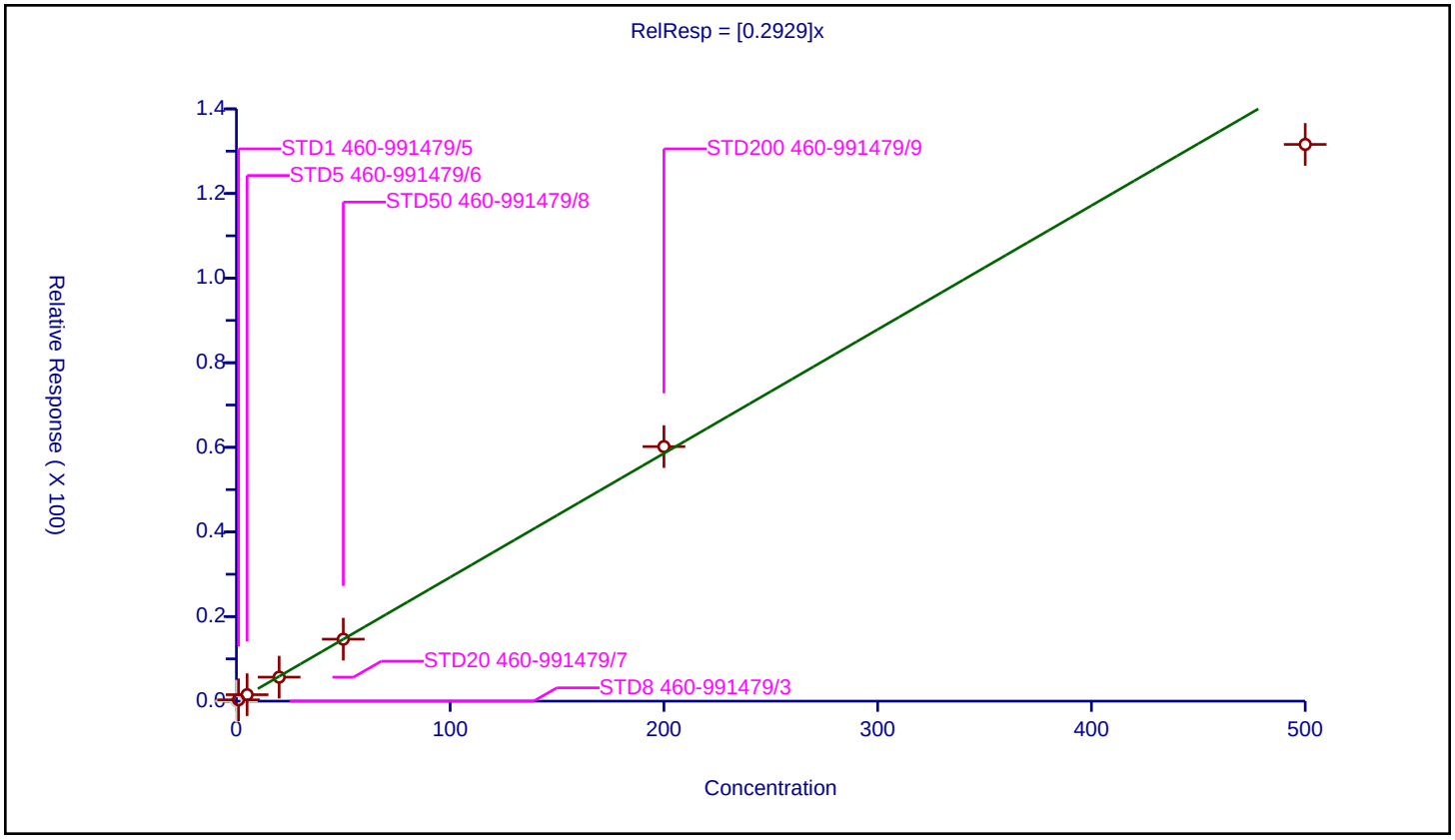
Curve Coefficients

Intercept:	0
Slope:	0.2929

Error Coefficients

Relative Standard Deviation:	6.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	442598.0	NaN	N
2	STD1 460-991479/5	1.0	0.311644	50.0	421956.0	0.311644	Y
3	STD5 460-991479/6	5.0	1.525132	50.0	406260.0	0.305026	Y
4	STD20 460-991479/7	20.0	5.668416	50.0	424272.0	0.283421	Y
5	STD50 460-991479/8	50.0	14.649265	50.0	398706.0	0.292985	Y
6	STD200 460-991479/9	200.0	60.170979	50.0	407301.0	0.300855	Y
7	STD500 460-991479/10	500.0	131.598385	50.0	483050.0	0.263197	Y



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Calibration / 2-Nitropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

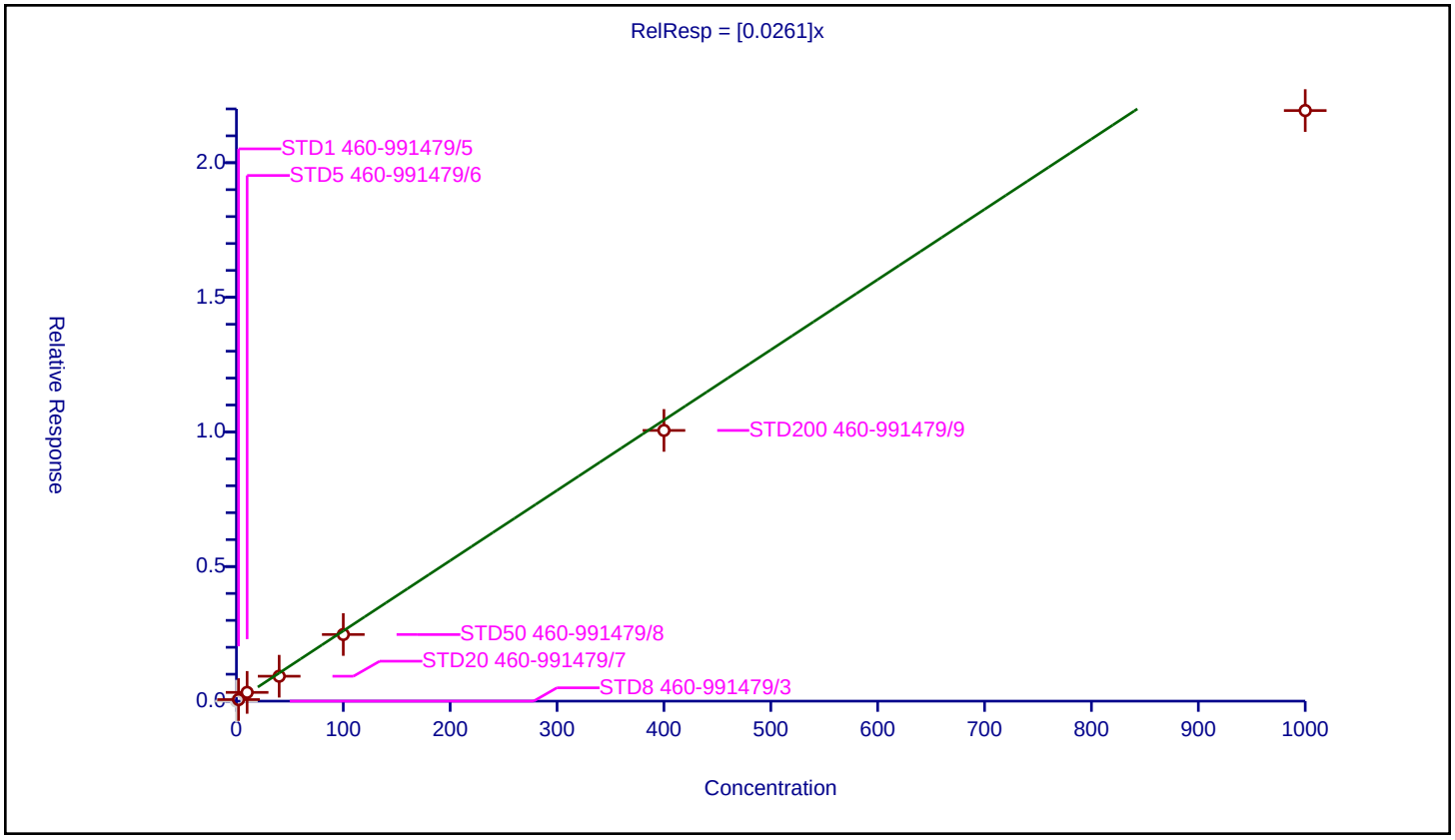
Curve Coefficients

Intercept:	0
Slope:	0.0261

Error Coefficients

Relative Standard Deviation:	15.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	442598.0	NaN	N
2	STD1 460-991479/5	2.0	0.058181	50.0	421956.0	0.029091	Y
3	STD5 460-991479/6	10.0	0.325284	50.0	406260.0	0.032528	Y
4	STD20 460-991479/7	40.0	0.925585	50.0	424272.0	0.02314	Y
5	STD50 460-991479/8	100.0	2.475508	50.0	398706.0	0.024755	Y
6	STD200 460-991479/9	400.0	10.056322	50.0	407301.0	0.025141	Y
7	STD500 460-991479/10	1000.0	21.938412	50.0	483050.0	0.021938	Y



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Calibration / 2-Chloroethyl vinyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

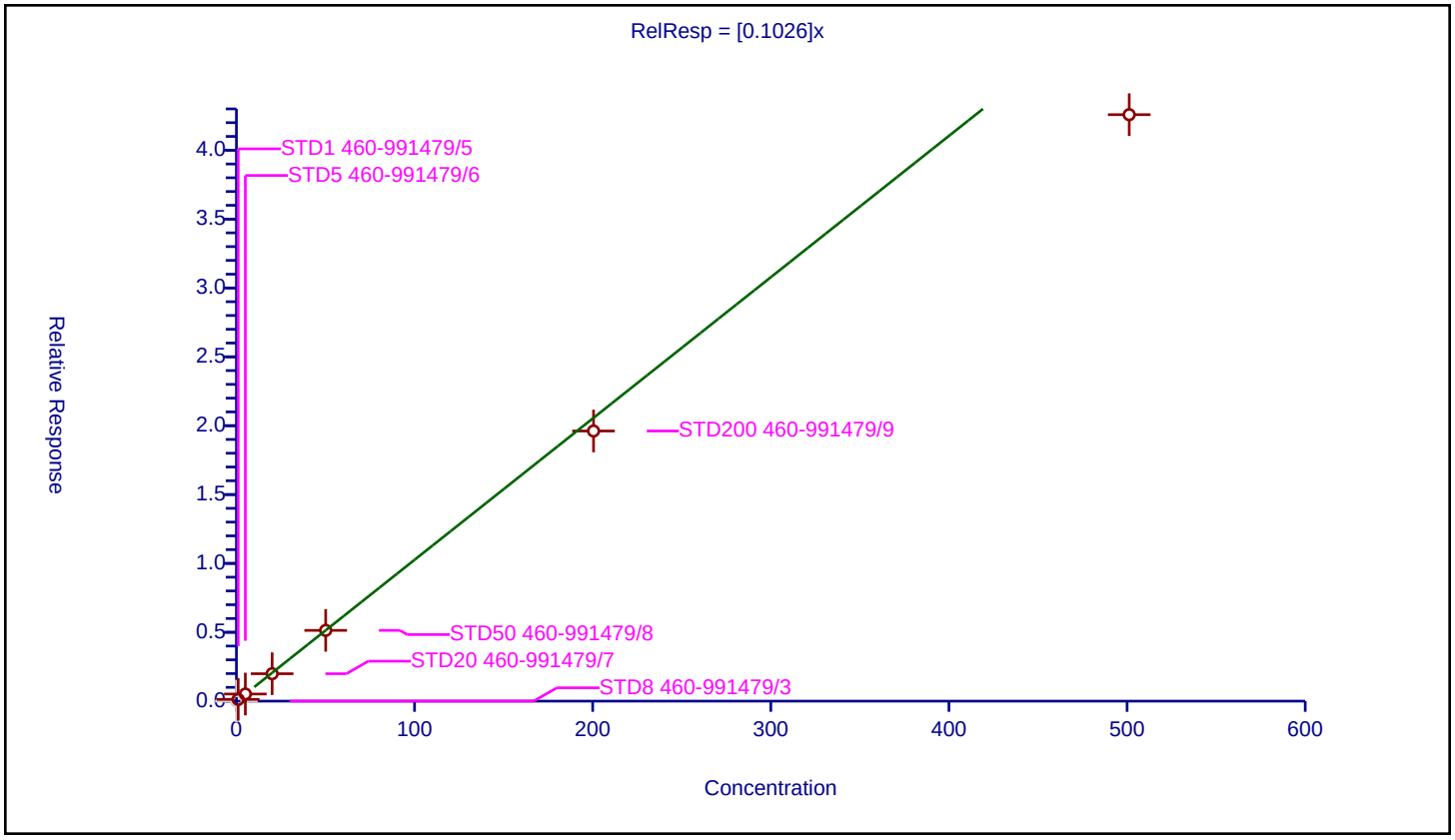
Curve Coefficients

Intercept:	0
Slope:	0.1026

Error Coefficients

Relative Standard Deviation:	13.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	442598.0	NaN	N
2	STD1 460-991479/5	1.0024	0.128212	50.0	421956.0	0.127905	Y
3	STD5 460-991479/6	5.012	0.516787	50.0	406260.0	0.10311	Y
4	STD20 460-991479/7	20.048	1.990586	50.0	424272.0	0.099291	Y
5	STD50 460-991479/8	50.12	5.136366	50.0	398706.0	0.102481	Y
6	STD200 460-991479/9	200.48	19.613627	50.0	407301.0	0.097833	Y
7	STD500 460-991479/10	501.2	42.580168	50.0	483050.0	0.084956	Y



Calibration / Epichlorohydrin

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

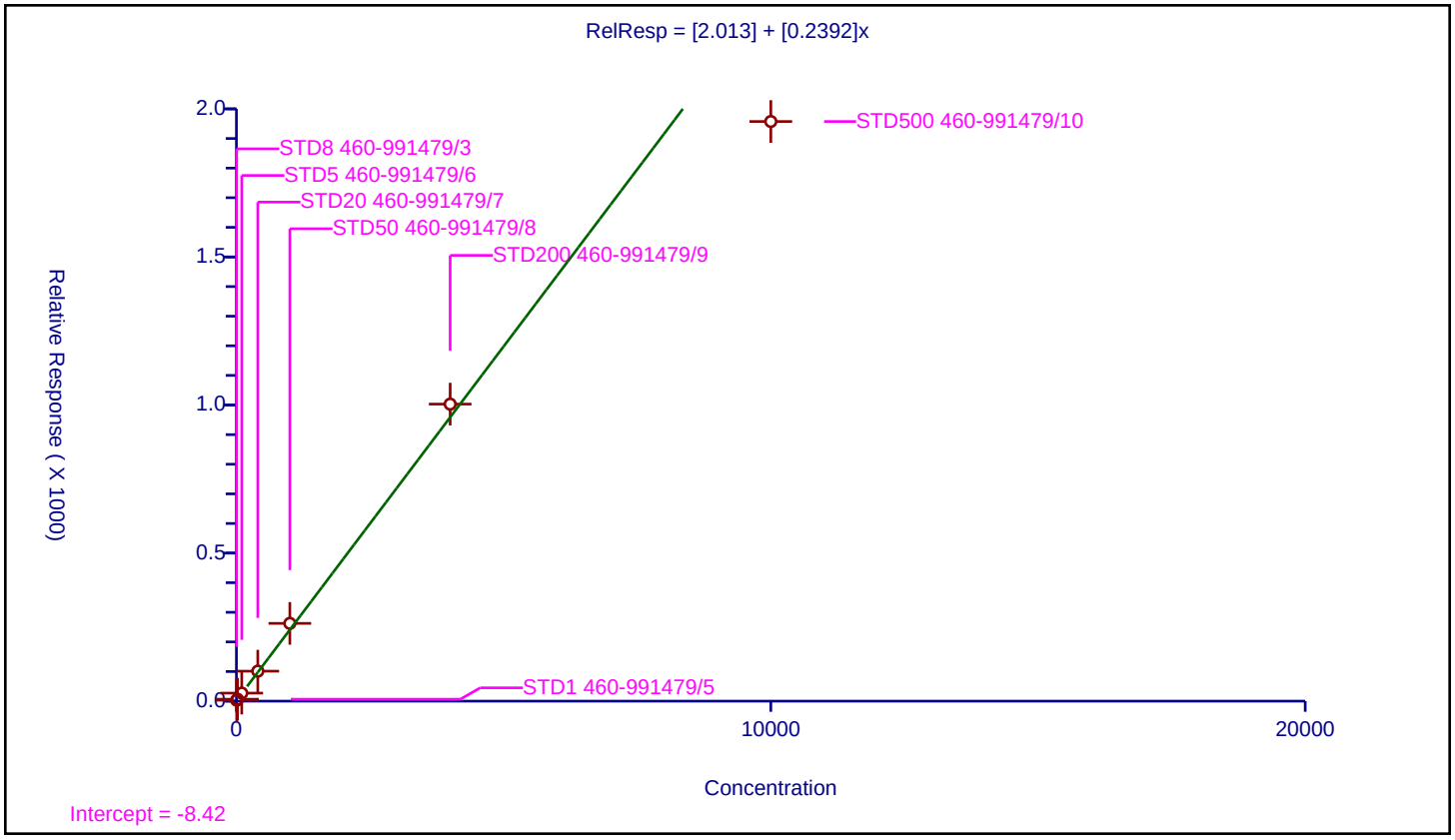
Curve Coefficients

Intercept:	2.013
Slope:	0.2392

Error Coefficients

Relative Standard Deviation:	10.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	5.000009	3.219125	250.0	93659.0	0.643824	Y
2	STD1 460-991479/5	20.000035	6.560024	250.0	87957.0	0.328001	Y
3	STD5 460-991479/6	100.000173	27.120075	250.0	85905.0	0.2712	Y
4	STD20 460-991479/7	400.000692	101.207443	250.0	87706.0	0.253018	Y
5	STD50 460-991479/8	1000.00173	262.549913	250.0	83646.0	0.262549	Y
6	STD200 460-991479/9	4000.00692	1003.109548	250.0	85141.0	0.250777	Y
7	STD500 460-991479/10	10000.0173	1957.395677	250.0	107982.0	0.195739	Y



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Calibration / cis-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

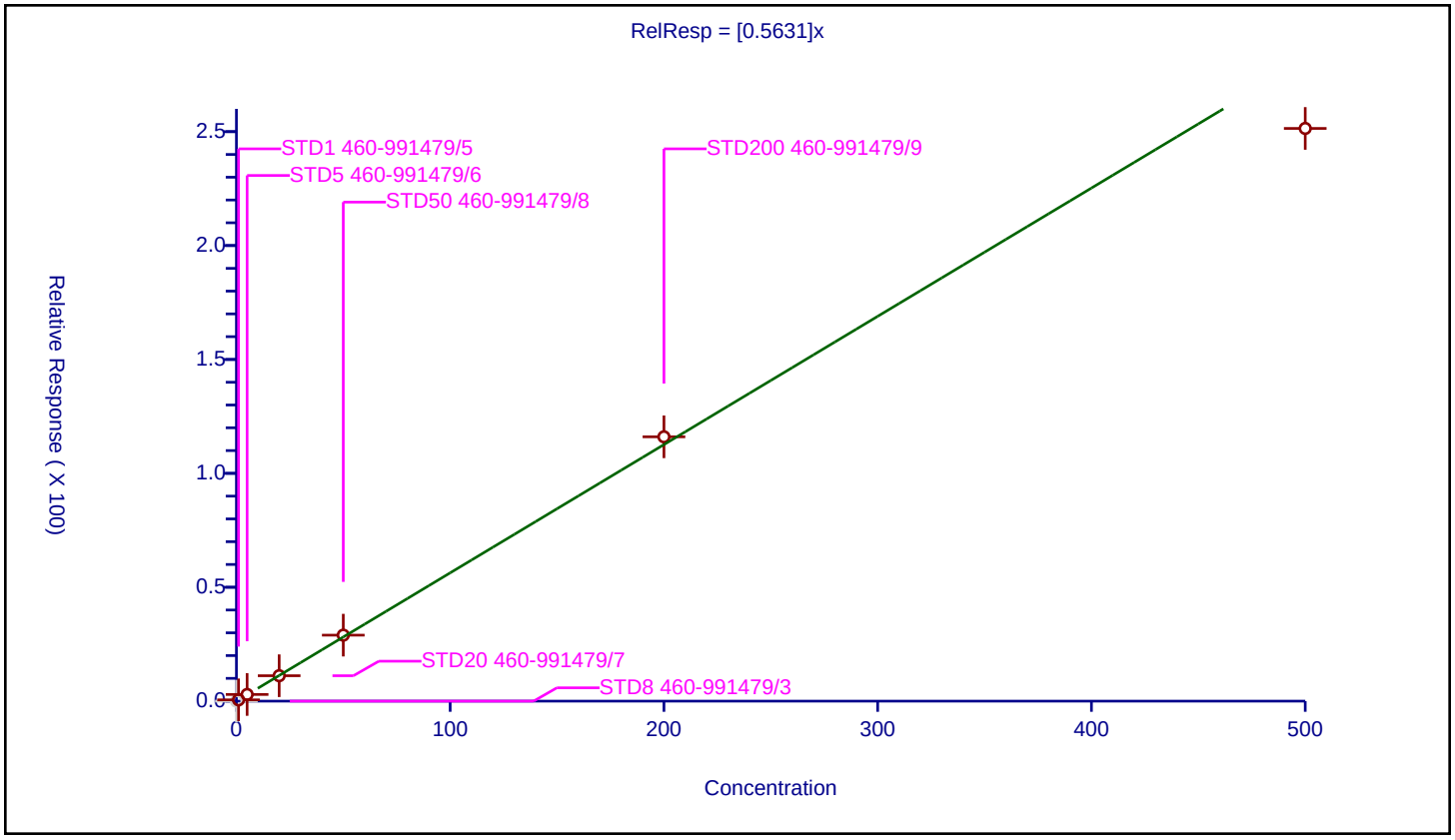
Curve Coefficients

Intercept:	0
Slope:	0.5631

Error Coefficients

Relative Standard Deviation:	5.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	310518.0	NaN	N
2	STD1 460-991479/5	1.0	0.571465	50.0	290744.0	0.571465	Y
3	STD5 460-991479/6	5.0	2.933714	50.0	283361.0	0.586743	Y
4	STD20 460-991479/7	20.0	11.16183	50.0	290051.0	0.558092	Y
5	STD50 460-991479/8	50.0	28.969865	50.0	276187.0	0.579397	Y
6	STD200 460-991479/9	200.0	116.043401	50.0	275939.0	0.580217	Y
7	STD500 460-991479/10	500.0	251.412901	50.0	331021.0	0.502826	Y



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Calibration / 4-Methyl-2-pentanone (MIBK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

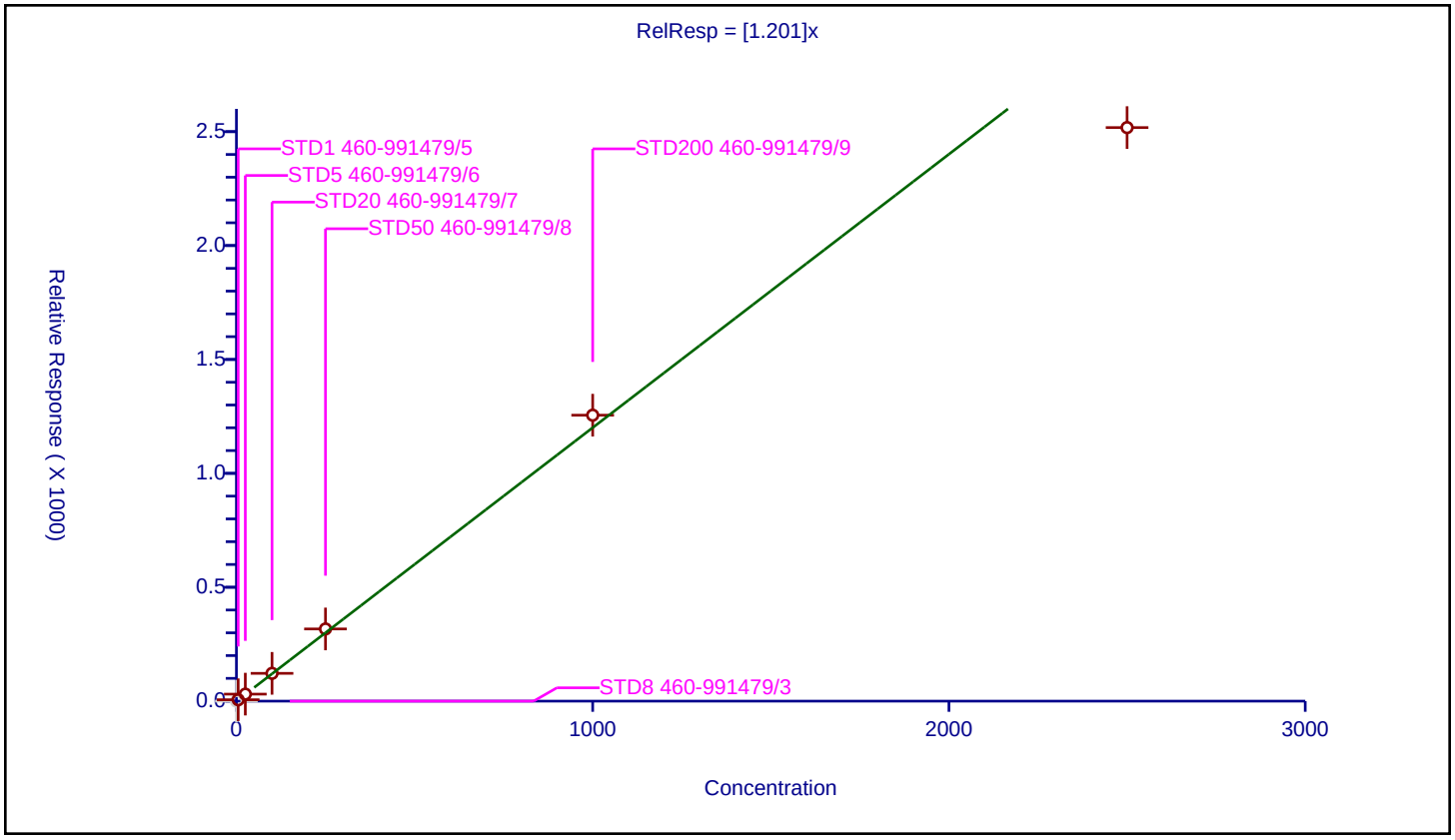
Curve Coefficients

Intercept:	0
Slope:	1.201

Error Coefficients

Relative Standard Deviation:	8.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	250.0	93659.0	NaN	N
2	STD1 460-991479/5	5.0	6.102414	250.0	87957.0	1.220483	Y
3	STD5 460-991479/6	25.0	30.813108	250.0	85905.0	1.232524	Y
4	STD20 460-991479/7	100.0	121.981392	250.0	87706.0	1.219814	Y
5	STD50 460-991479/8	250.0	316.96973	250.0	83646.0	1.267879	Y
6	STD200 460-991479/9	1000.0	1255.305904	250.0	85141.0	1.255306	Y
7	STD500 460-991479/10	2500.0	2517.94049	250.0	107982.0	1.007176	Y



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Calibration / Toluene-d8 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

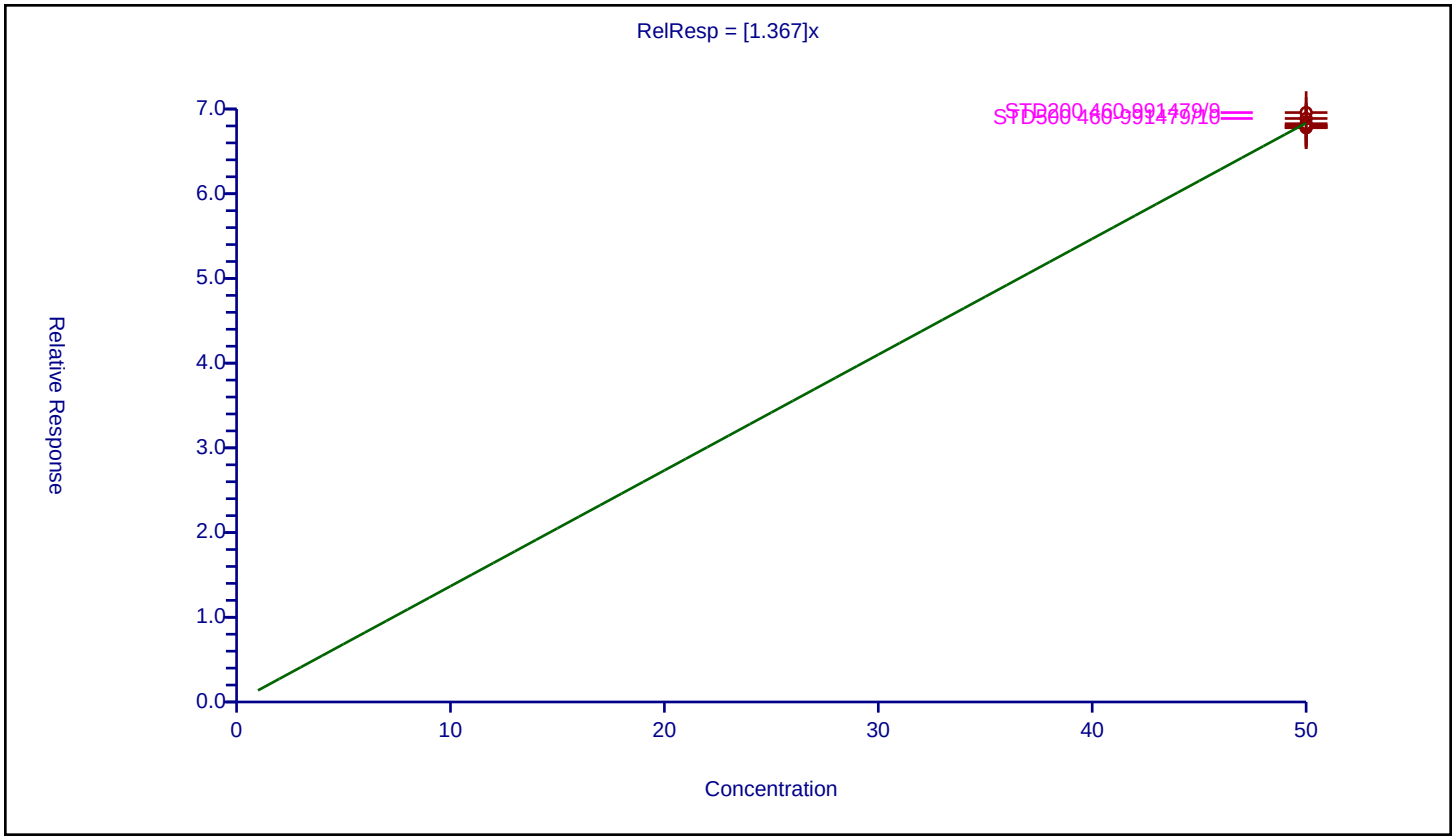
Curve Coefficients

Intercept:	0
Slope:	1.367

Error Coefficients

Relative Standard Deviation:	1.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	50.0	67.820223	50.0	310518.0	1.356404	Y
2	STD1 460-991479/5	50.0	67.990053	50.0	290744.0	1.359801	Y
3	STD5 460-991479/6	50.0	67.790557	50.0	283361.0	1.355811	Y
4	STD20 460-991479/7	50.0	68.264202	50.0	290051.0	1.365284	Y
5	STD50 460-991479/8	50.0	68.085753	50.0	276187.0	1.361715	Y
6	STD200 460-991479/9	50.0	69.582227	50.0	275939.0	1.391645	Y
7	STD500 460-991479/10	50.0	68.882035	50.0	331021.0	1.377641	Y



Calibration / Toluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

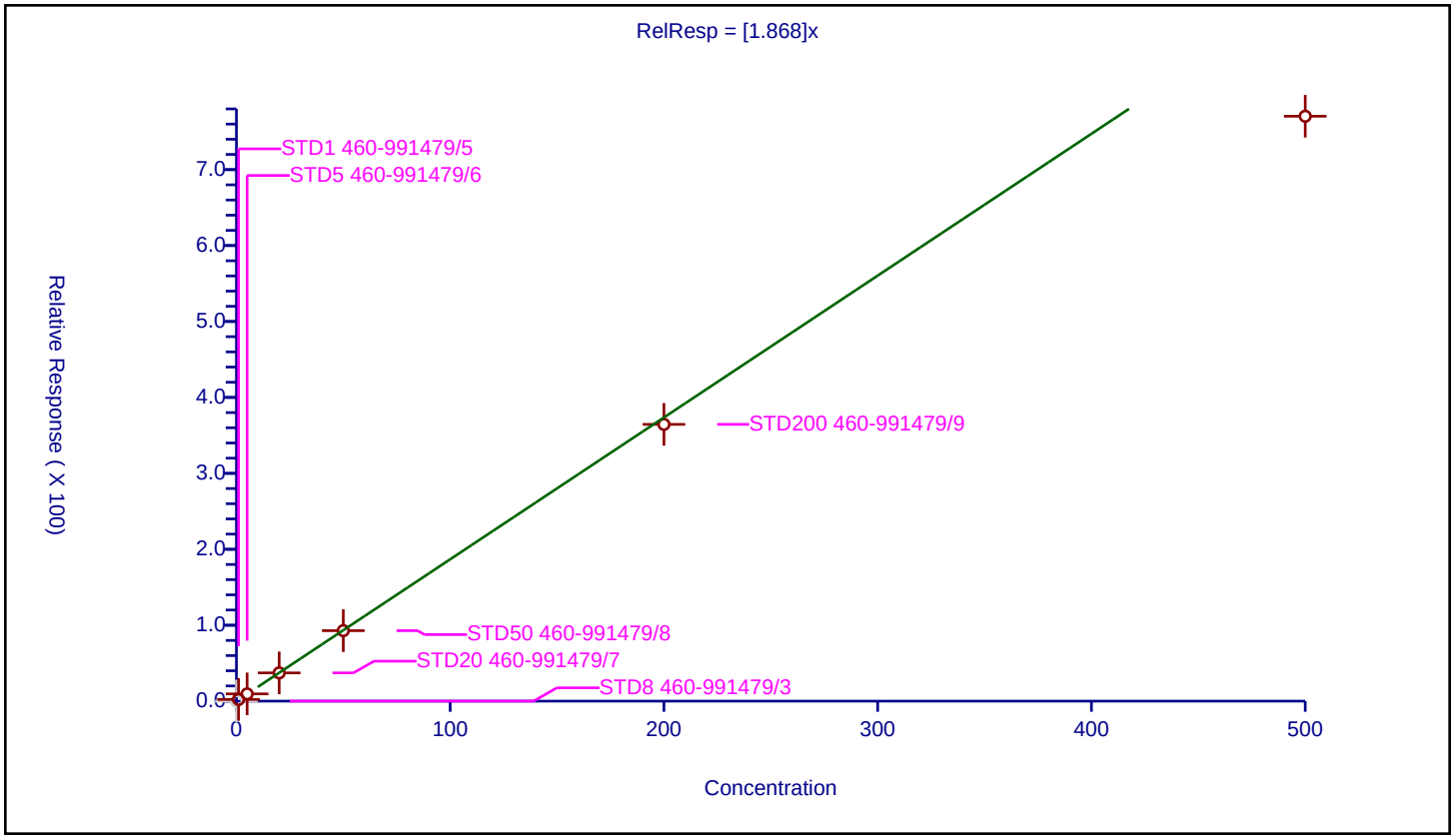
Curve Coefficients

Intercept:	0
Slope:	1.868

Error Coefficients

Relative Standard Deviation:	11.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	310518.0	NaN	N
2	STD1 460-991479/5	1.0	2.217587	50.0	290744.0	2.217587	Y
3	STD5 460-991479/6	5.0	9.553891	50.0	283361.0	1.910778	Y
4	STD20 460-991479/7	20.0	37.204836	50.0	290051.0	1.860242	Y
5	STD50 460-991479/8	50.0	92.815375	50.0	276187.0	1.856308	Y
6	STD200 460-991479/9	200.0	364.490884	50.0	275939.0	1.822454	Y
7	STD500 460-991479/10	500.0	770.327562	50.0	331021.0	1.540655	Y



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Calibration / trans-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

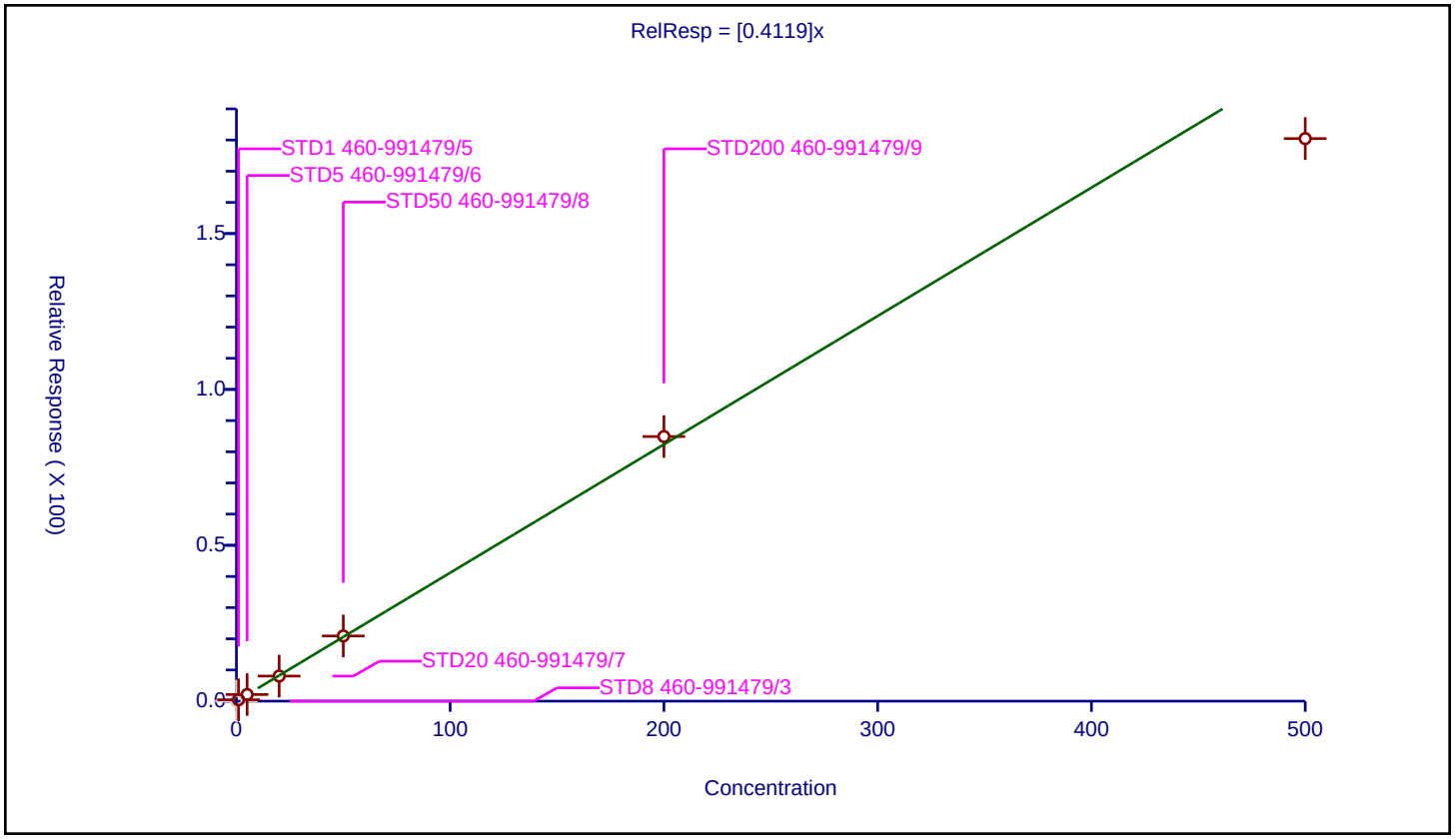
Curve Coefficients

Intercept:	0
Slope:	0.4119

Error Coefficients

Relative Standard Deviation:	6.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	310518.0	NaN	N
2	STD1 460-991479/5	1.0	0.440938	50.0	290744.0	0.440938	Y
3	STD5 460-991479/6	5.0	2.120264	50.0	283361.0	0.424053	Y
4	STD20 460-991479/7	20.0	8.048929	50.0	290051.0	0.402446	Y
5	STD50 460-991479/8	50.0	20.915539	50.0	276187.0	0.418311	Y
6	STD200 460-991479/9	200.0	84.882347	50.0	275939.0	0.424412	Y
7	STD500 460-991479/10	500.0	180.471179	50.0	331021.0	0.360942	Y



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Calibration / Ethyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

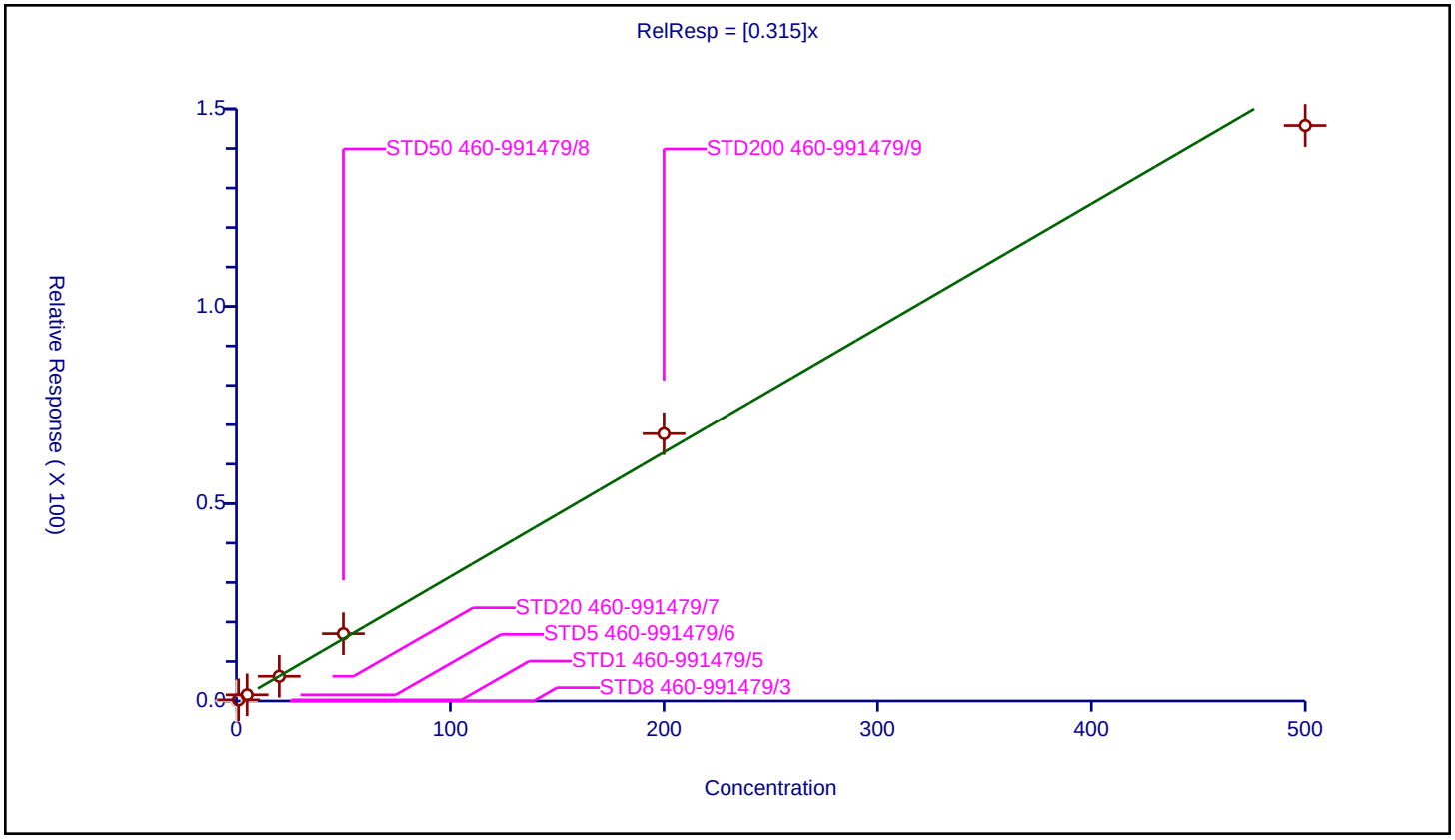
Curve Coefficients

Intercept:	0
Slope:	0.315

Error Coefficients

Relative Standard Deviation:	6.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	310518.0	NaN	N
2	STD1 460-991479/5	1.0	0.292697	50.0	290744.0	0.292697	Y
3	STD5 460-991479/6	5.0	1.566729	50.0	283361.0	0.313346	Y
4	STD20 460-991479/7	20.0	6.261657	50.0	290051.0	0.313083	Y
5	STD50 460-991479/8	50.0	17.039904	50.0	276187.0	0.340798	Y
6	STD200 460-991479/9	200.0	67.728012	50.0	275939.0	0.33864	Y
7	STD500 460-991479/10	500.0	145.817335	50.0	331021.0	0.291635	Y



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Calibration / 1,1,2-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

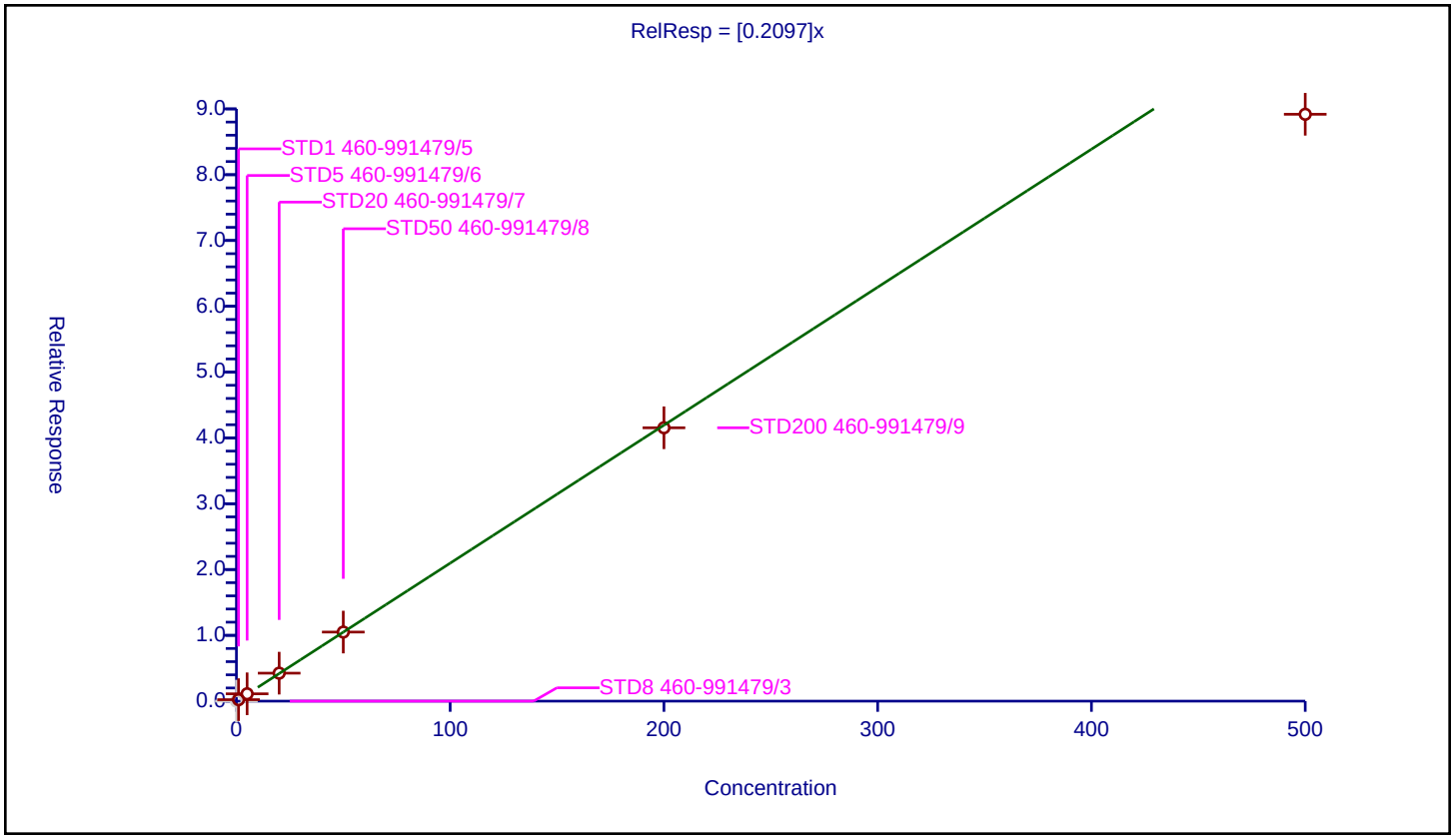
Curve Coefficients

Intercept:	0
Slope:	0.2097

Error Coefficients

Relative Standard Deviation:	8.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	310518.0	NaN	N
2	STD1 460-991479/5	1.0	0.226316	50.0	290744.0	0.226316	Y
3	STD5 460-991479/6	5.0	1.115715	50.0	283361.0	0.223143	Y
4	STD20 460-991479/7	20.0	4.253045	50.0	290051.0	0.212652	Y
5	STD50 460-991479/8	50.0	10.49633	50.0	276187.0	0.209927	Y
6	STD200 460-991479/9	200.0	41.539434	50.0	275939.0	0.207697	Y
7	STD500 460-991479/10	500.0	89.184221	50.0	331021.0	0.178368	Y



Calibration / Tetrachloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

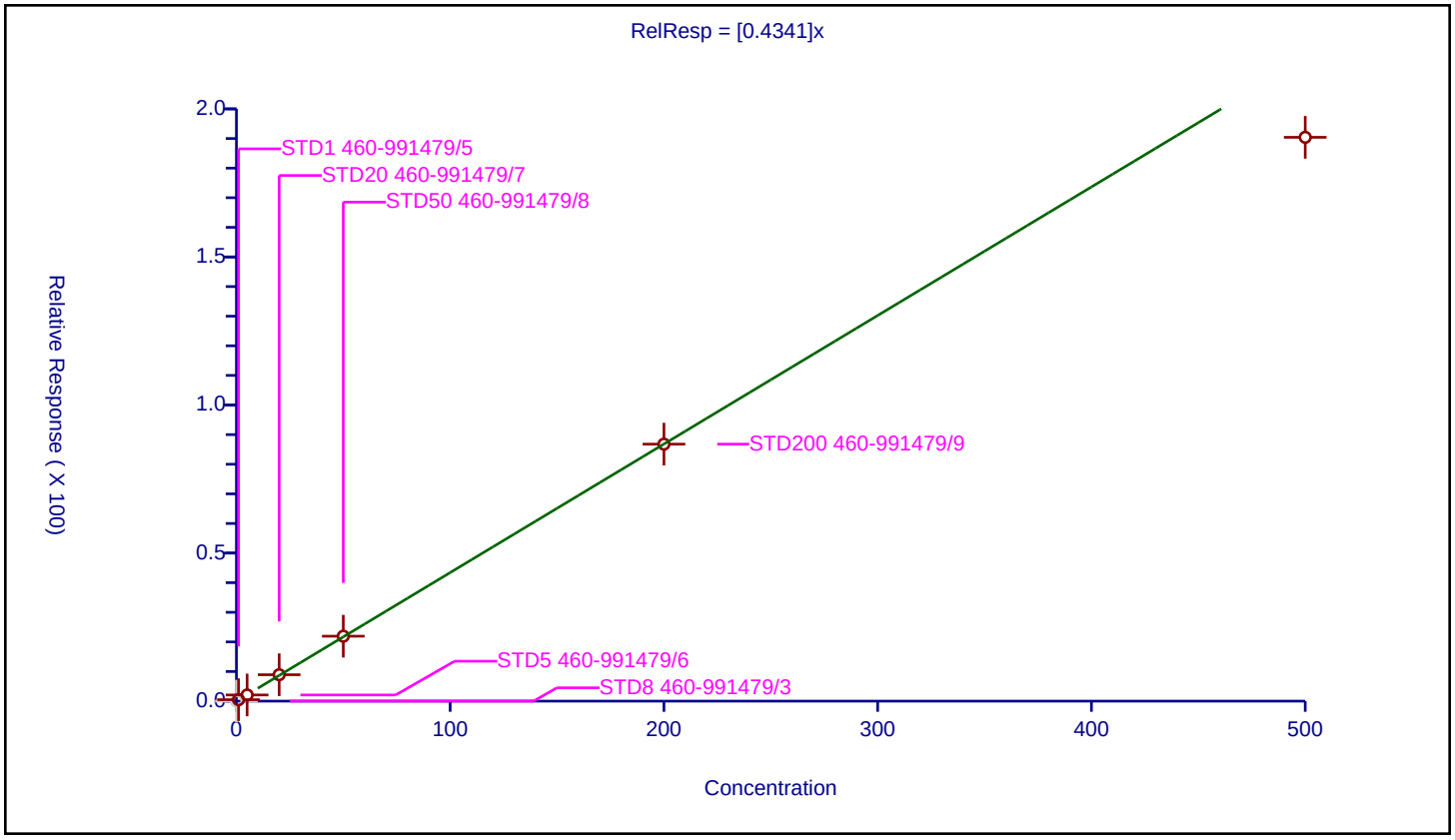
Curve Coefficients

Intercept:	0
Slope:	0.4341

Error Coefficients

Relative Standard Deviation:	8.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	310518.0	NaN	N
2	STD1 460-991479/5	1.0	0.48823	50.0	290744.0	0.48823	Y
3	STD5 460-991479/6	5.0	2.085502	50.0	283361.0	0.4171	Y
4	STD20 460-991479/7	20.0	8.920673	50.0	290051.0	0.446034	Y
5	STD50 460-991479/8	50.0	21.928802	50.0	276187.0	0.438576	Y
6	STD200 460-991479/9	200.0	86.789472	50.0	275939.0	0.433947	Y
7	STD500 460-991479/10	500.0	190.403781	50.0	331021.0	0.380808	Y



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Calibration / 1,3-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

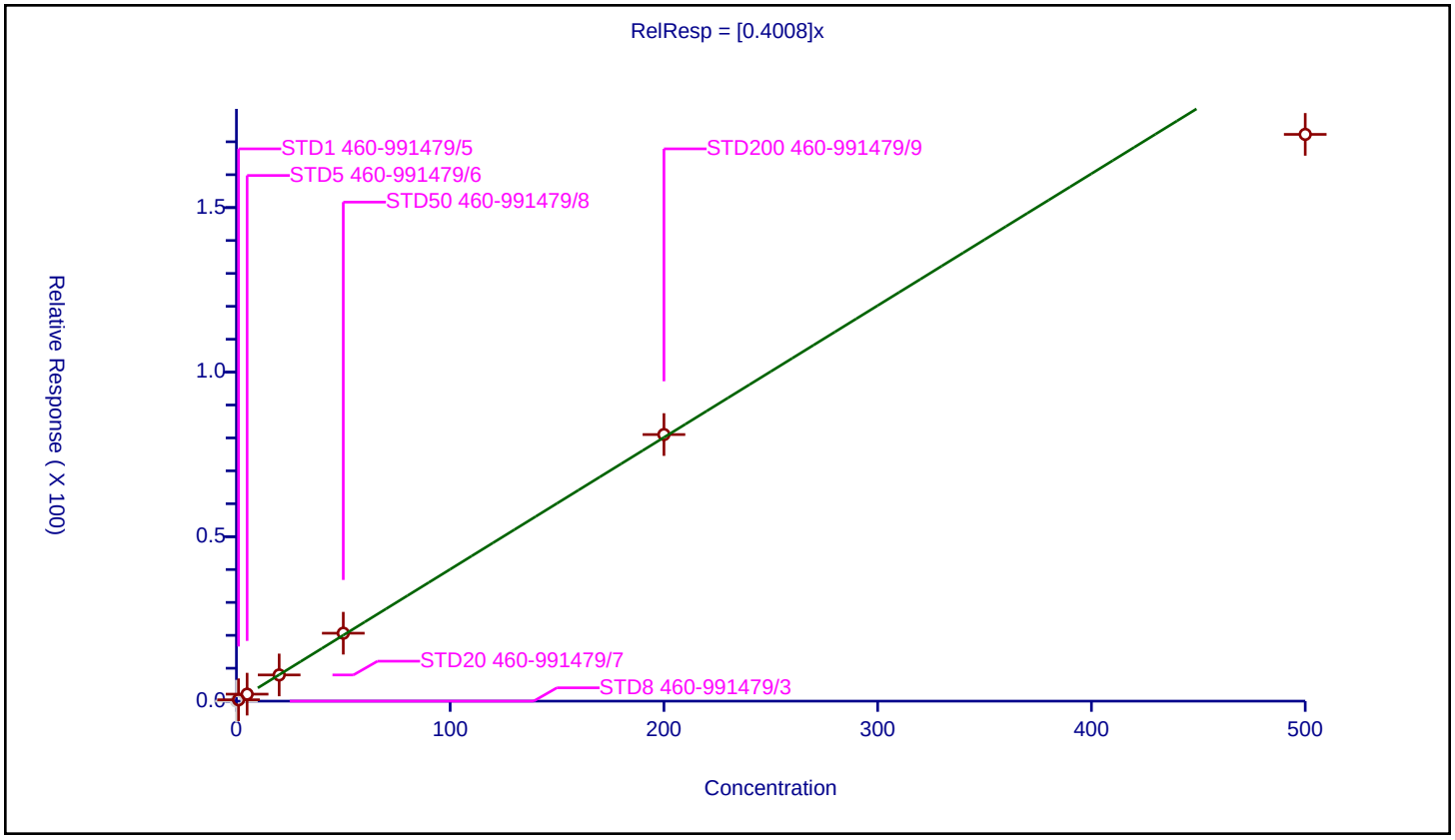
Curve Coefficients

Intercept:	0
Slope:	0.4008

Error Coefficients

Relative Standard Deviation:	7.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	310518.0	NaN	N
2	STD1 460-991479/5	1.0	0.419097	50.0	290744.0	0.419097	Y
3	STD5 460-991479/6	5.0	2.123616	50.0	283361.0	0.424723	Y
4	STD20 460-991479/7	20.0	7.965151	50.0	290051.0	0.398258	Y
5	STD50 460-991479/8	50.0	20.644165	50.0	276187.0	0.412883	Y
6	STD200 460-991479/9	200.0	81.026785	50.0	275939.0	0.405134	Y
7	STD500 460-991479/10	500.0	172.256443	50.0	331021.0	0.344513	Y



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Calibration / 2-Hexanone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

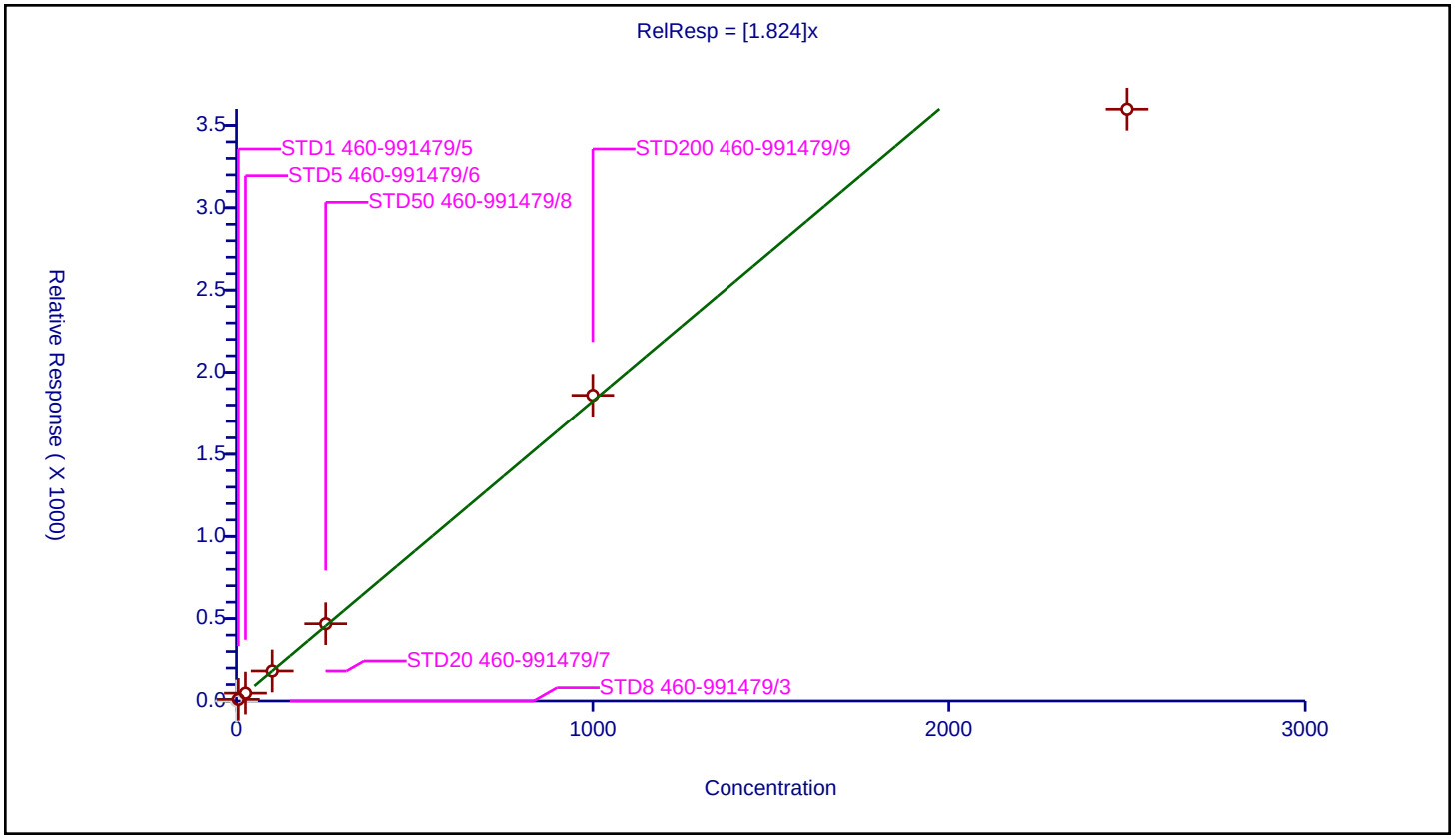
Curve Coefficients

Intercept:	0
Slope:	1.824

Error Coefficients

Relative Standard Deviation:	11.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	250.0	93659.0	NaN	N
2	STD1 460-991479/5	5.0	10.158373	250.0	87957.0	2.031675	Y
3	STD5 460-991479/6	25.0	47.843548	250.0	85905.0	1.913742	Y
4	STD20 460-991479/7	100.0	182.162566	250.0	87706.0	1.821626	Y
5	STD50 460-991479/8	250.0	469.218492	250.0	83646.0	1.876874	Y
6	STD200 460-991479/9	1000.0	1859.632844	250.0	85141.0	1.859633	Y
7	STD500 460-991479/10	2500.0	3598.396029	250.0	107982.0	1.439358	Y



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Calibration / n-Butyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

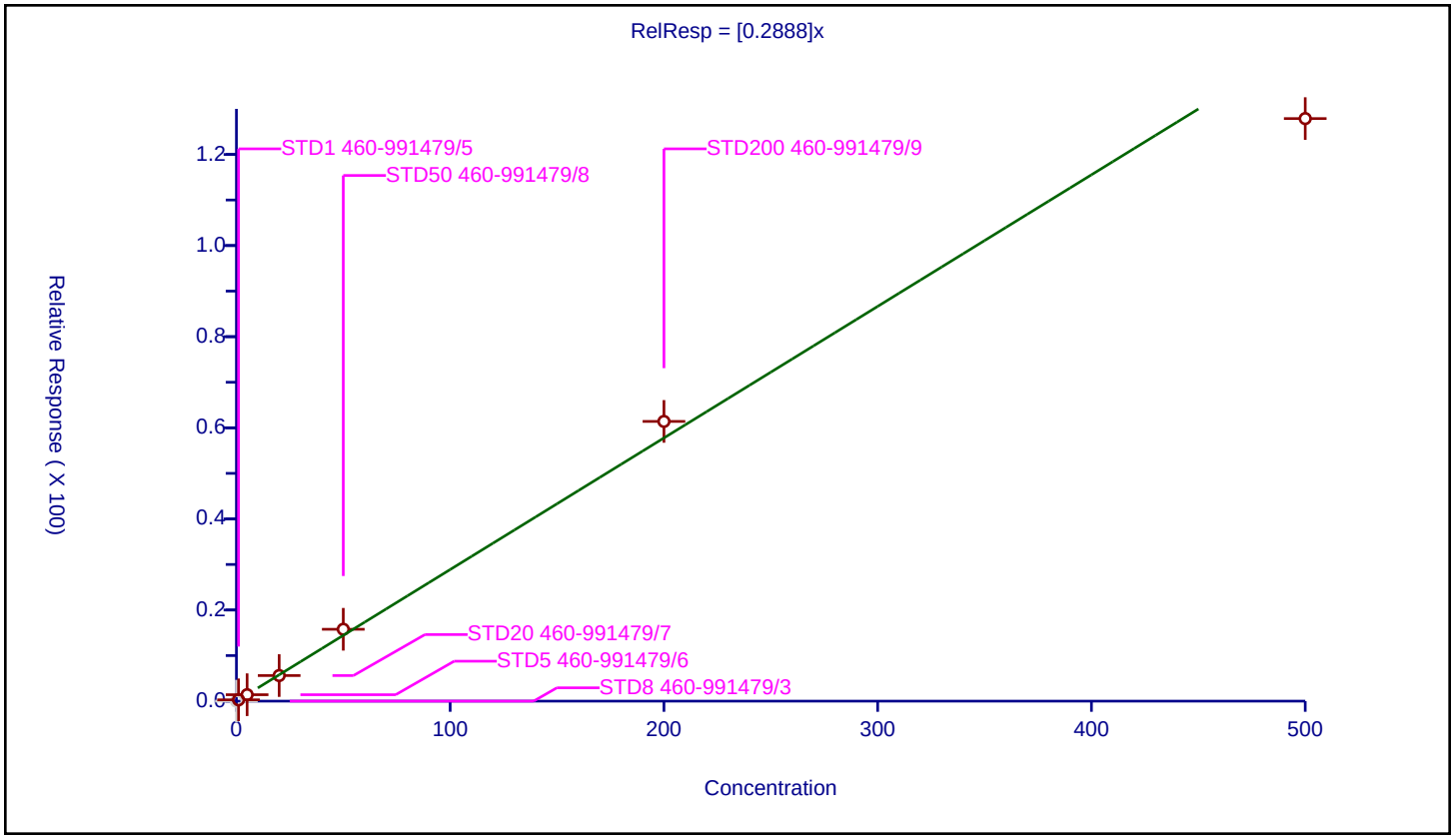
Curve Coefficients

Intercept:	0
Slope:	0.2888

Error Coefficients

Relative Standard Deviation:	7.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	310518.0	NaN	N
2	STD1 460-991479/5	1.0	0.29115	50.0	290744.0	0.29115	Y
3	STD5 460-991479/6	5.0	1.413921	50.0	283361.0	0.282784	Y
4	STD20 460-991479/7	20.0	5.616771	50.0	290051.0	0.280839	Y
5	STD50 460-991479/8	50.0	15.777173	50.0	276187.0	0.315543	Y
6	STD200 460-991479/9	200.0	61.398353	50.0	275939.0	0.306992	Y
7	STD500 460-991479/10	500.0	127.874062	50.0	331021.0	0.255748	Y



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Calibration / Chlorodibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

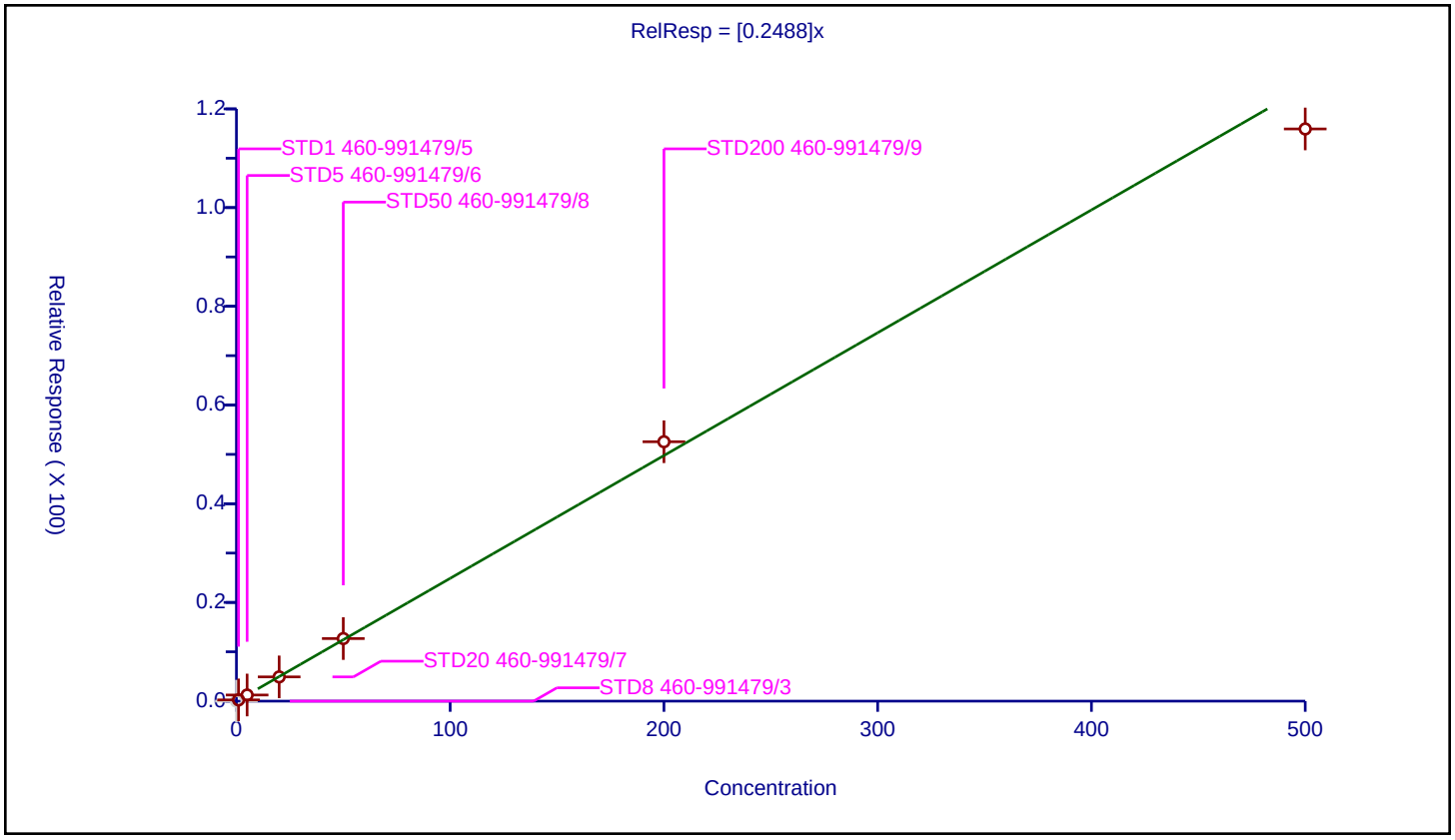
Curve Coefficients

Intercept:	0
Slope:	0.2488

Error Coefficients

Relative Standard Deviation:	4.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	310518.0	NaN	N
2	STD1 460-991479/5	1.0	0.249876	50.0	290744.0	0.249876	Y
3	STD5 460-991479/6	5.0	1.244878	50.0	283361.0	0.248976	Y
4	STD20 460-991479/7	20.0	4.91517	50.0	290051.0	0.245759	Y
5	STD50 460-991479/8	50.0	12.679634	50.0	276187.0	0.253593	Y
6	STD200 460-991479/9	200.0	52.557812	50.0	275939.0	0.262789	Y
7	STD500 460-991479/10	500.0	115.935243	50.0	331021.0	0.23187	Y



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Calibration / Ethylene Dibromide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

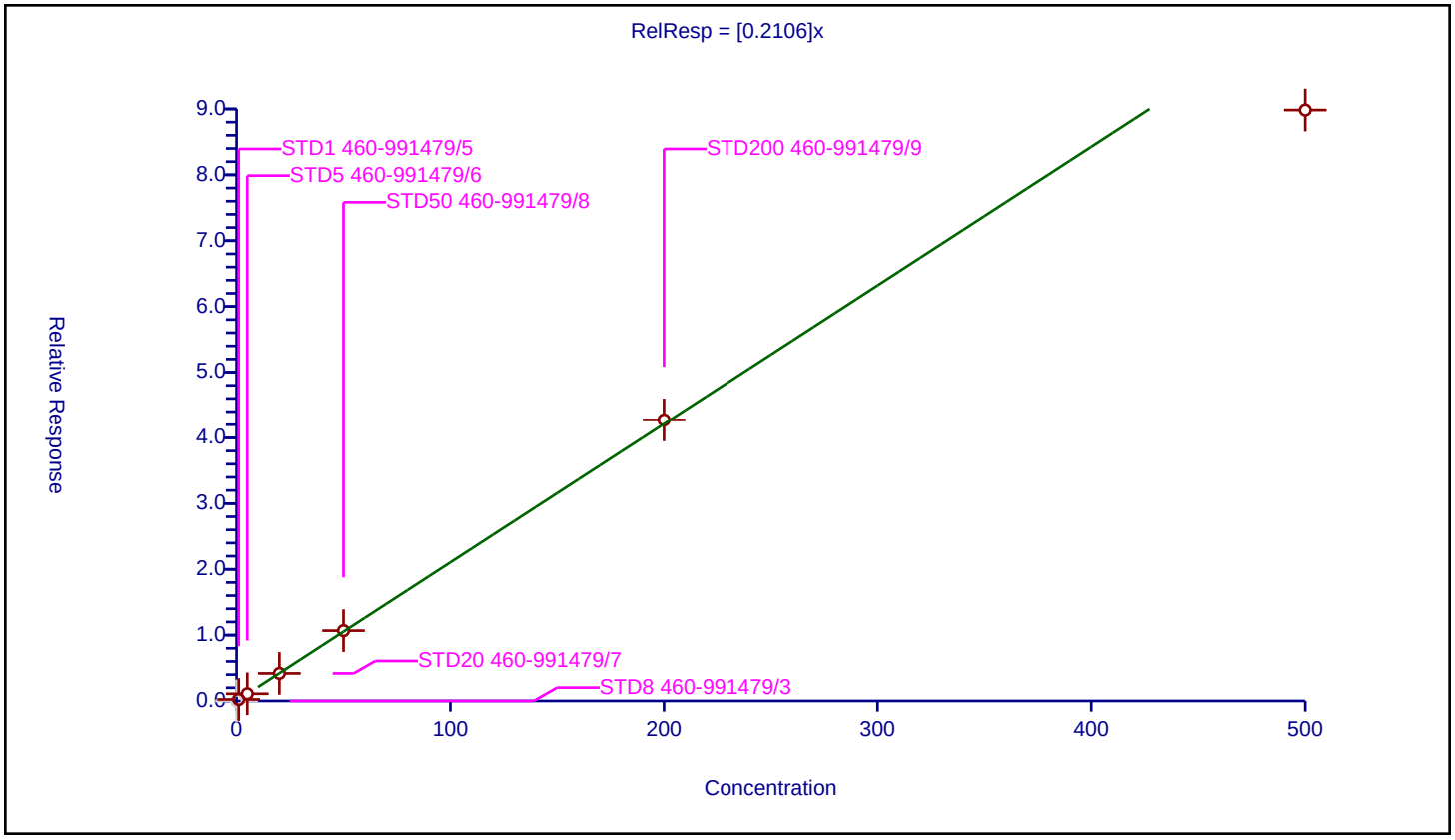
Curve Coefficients

Intercept:	0
Slope:	0.2106

Error Coefficients

Relative Standard Deviation:	7.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	310518.0	NaN	N
2	STD1 460-991479/5	1.0	0.229583	50.0	290744.0	0.229583	Y
3	STD5 460-991479/6	5.0	1.091011	50.0	283361.0	0.218202	Y
4	STD20 460-991479/7	20.0	4.182196	50.0	290051.0	0.20911	Y
5	STD50 460-991479/8	50.0	10.681531	50.0	276187.0	0.213631	Y
6	STD200 460-991479/9	200.0	42.736257	50.0	275939.0	0.213681	Y
7	STD500 460-991479/10	500.0	89.833273	50.0	331021.0	0.179667	Y



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Calibration / Chlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

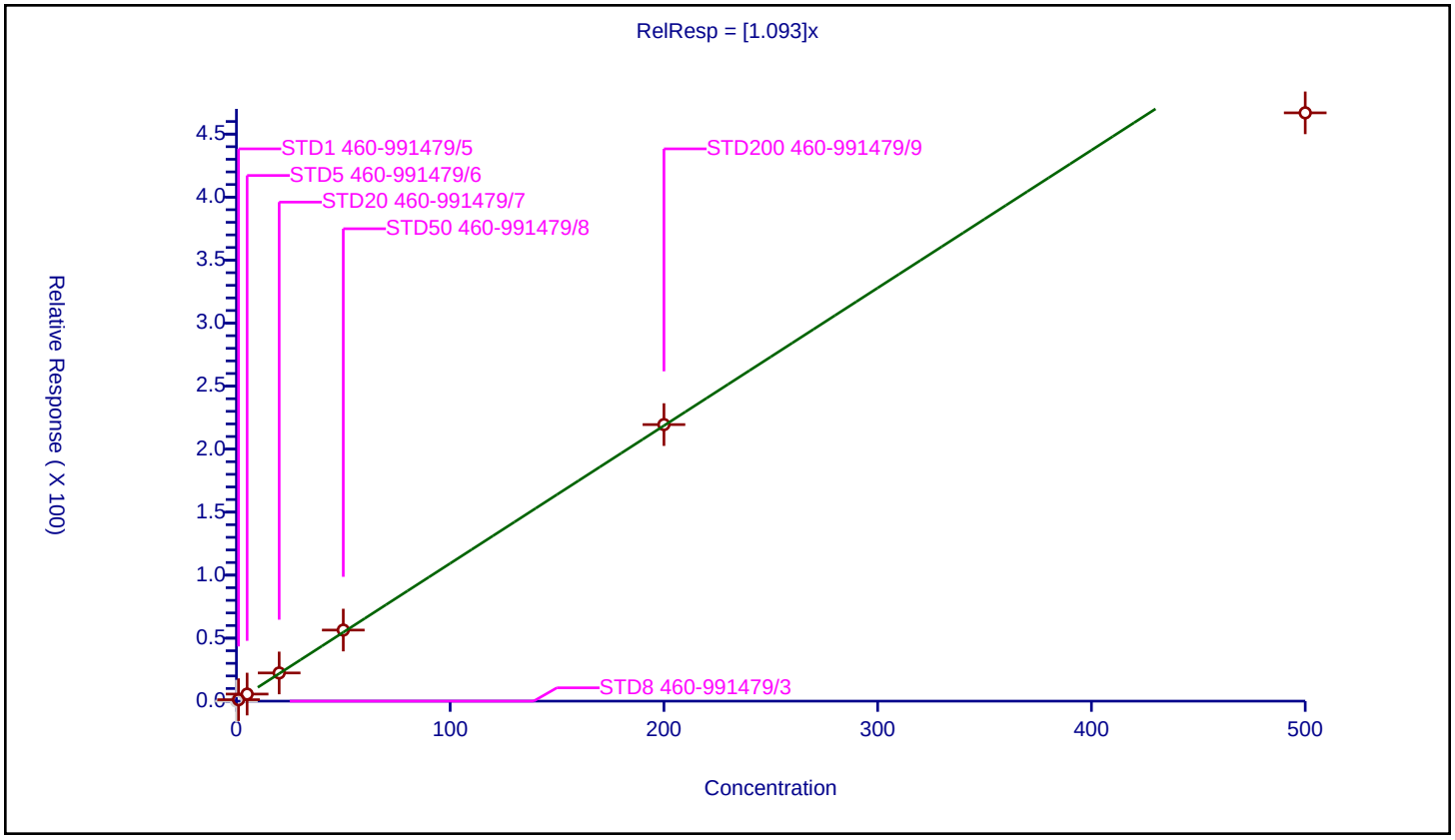
Curve Coefficients

Intercept:	0
Slope:	1.093

Error Coefficients

Relative Standard Deviation:	7.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	310518.0	NaN	N
2	STD1 460-991479/5	1.0	1.156688	50.0	290744.0	1.156688	Y
3	STD5 460-991479/6	5.0	5.619334	50.0	283361.0	1.123867	Y
4	STD20 460-991479/7	20.0	22.375893	50.0	290051.0	1.118795	Y
5	STD50 460-991479/8	50.0	56.394218	50.0	276187.0	1.127884	Y
6	STD200 460-991479/9	200.0	219.471514	50.0	275939.0	1.097358	Y
7	STD500 460-991479/10	500.0	466.868114	50.0	331021.0	0.933736	Y



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Calibration / Ethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

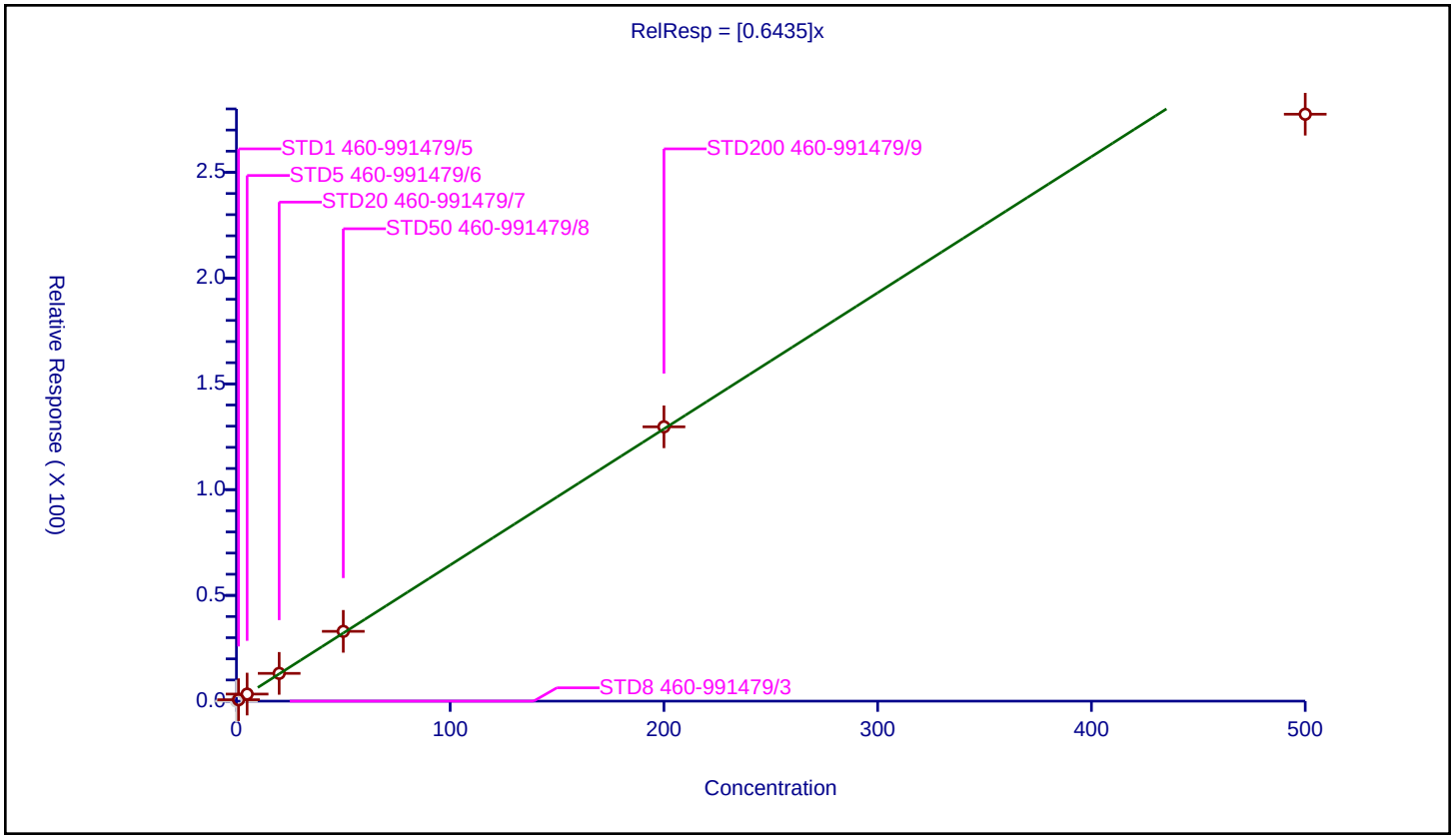
Curve Coefficients

Intercept:	0
Slope:	0.6435

Error Coefficients

Relative Standard Deviation:	6.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	310518.0	NaN	N
2	STD1 460-991479/5	1.0	0.672929	50.0	290744.0	0.672929	Y
3	STD5 460-991479/6	5.0	3.342203	50.0	283361.0	0.668441	Y
4	STD20 460-991479/7	20.0	13.129243	50.0	290051.0	0.656462	Y
5	STD50 460-991479/8	50.0	32.996665	50.0	276187.0	0.659933	Y
6	STD200 460-991479/9	200.0	129.691707	50.0	275939.0	0.648459	Y
7	STD500 460-991479/10	500.0	277.49886	50.0	331021.0	0.554998	Y



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Calibration / 1,1,1,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

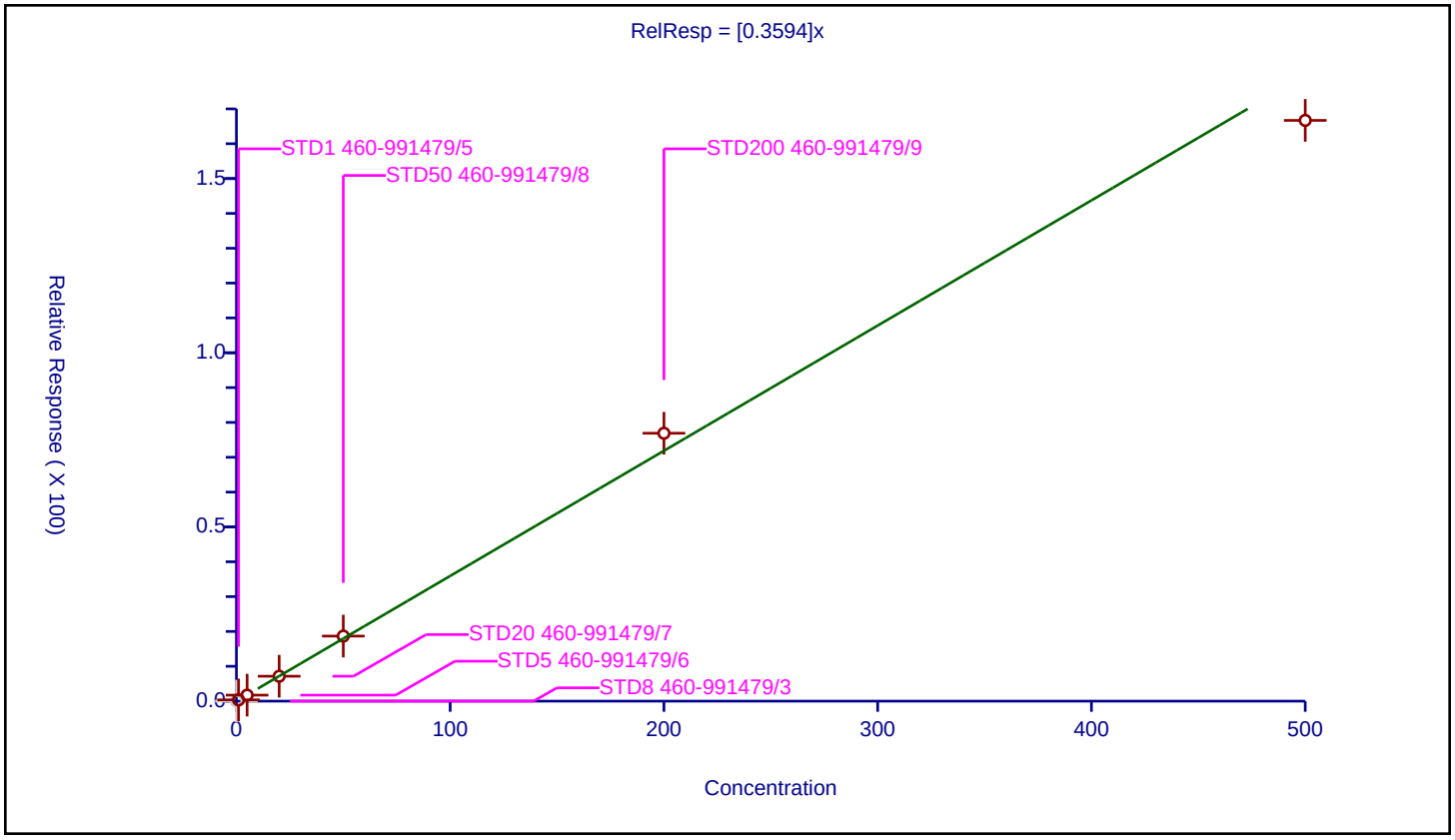
Curve Coefficients

Intercept:	0
Slope:	0.3594

Error Coefficients

Relative Standard Deviation:	5.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	310518.0	NaN	N
2	STD1 460-991479/5	1.0	0.36269	50.0	290744.0	0.36269	Y
3	STD5 460-991479/6	5.0	1.722361	50.0	283361.0	0.344472	Y
4	STD20 460-991479/7	20.0	7.154259	50.0	290051.0	0.357713	Y
5	STD50 460-991479/8	50.0	18.669416	50.0	276187.0	0.373388	Y
6	STD200 460-991479/9	200.0	76.89435	50.0	275939.0	0.384472	Y
7	STD500 460-991479/10	500.0	166.697883	50.0	331021.0	0.333396	Y



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Calibration / m-Xylene & p-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

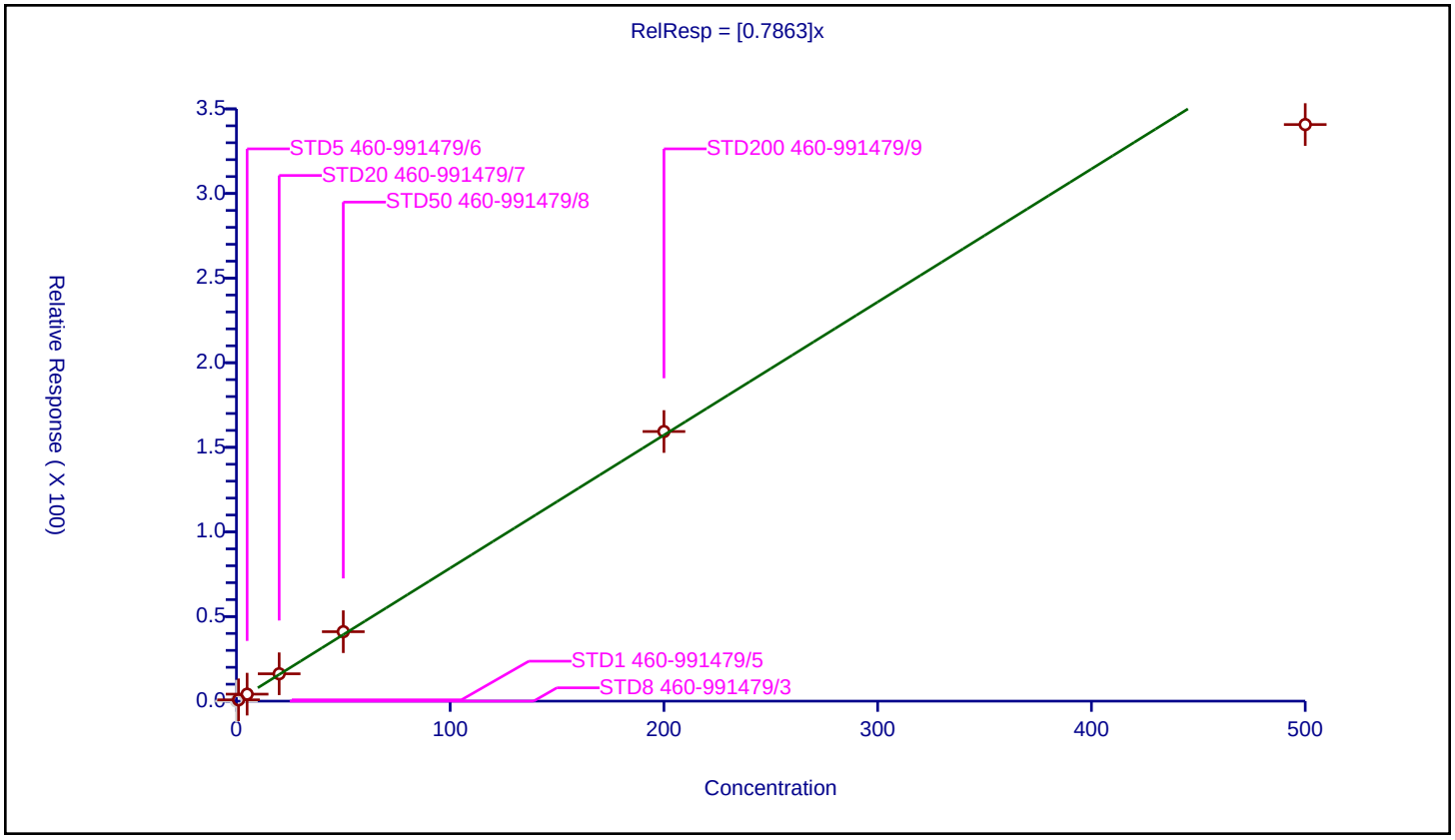
Curve Coefficients

Intercept:	0
Slope:	0.7863

Error Coefficients

Relative Standard Deviation:	6.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	310518.0	NaN	N
2	STD1 460-991479/5	1.0	0.784367	50.0	290744.0	0.784367	Y
3	STD5 460-991479/6	5.0	4.126185	50.0	283361.0	0.825237	Y
4	STD20 460-991479/7	20.0	16.179741	50.0	290051.0	0.808987	Y
5	STD50 460-991479/8	50.0	41.035965	50.0	276187.0	0.820719	Y
6	STD200 460-991479/9	200.0	159.345725	50.0	275939.0	0.796729	Y
7	STD500 460-991479/10	500.0	340.751946	50.0	331021.0	0.681504	Y



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Calibration / n-Butyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

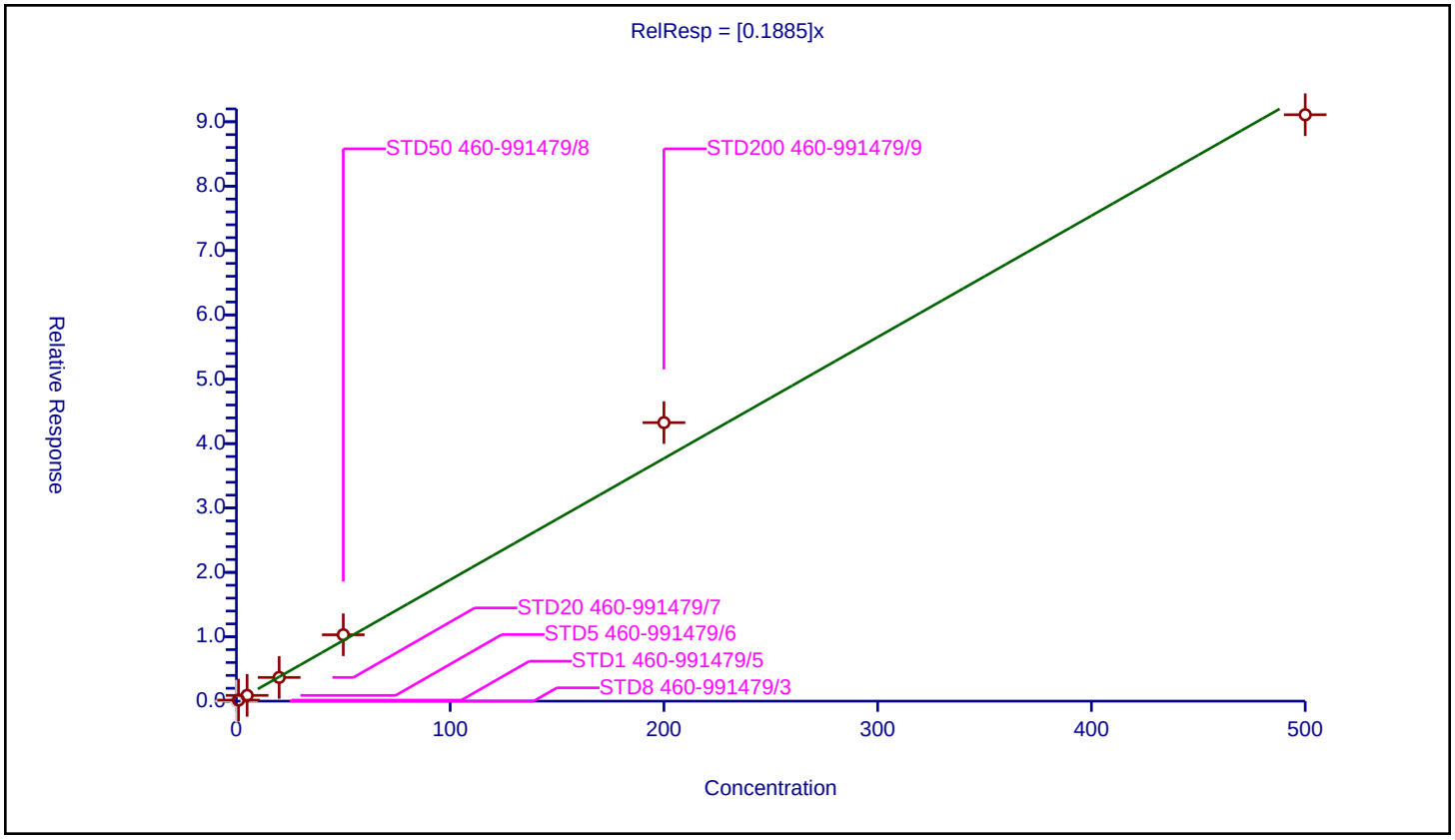
Curve Coefficients

Intercept:	0
Slope:	0.1885

Error Coefficients

Relative Standard Deviation:	10.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	310518.0	NaN	N
2	STD1 460-991479/5	1.0	0.163718	50.0	290744.0	0.163718	Y
3	STD5 460-991479/6	5.0	0.893207	50.0	283361.0	0.178641	Y
4	STD20 460-991479/7	20.0	3.680904	50.0	290051.0	0.184045	Y
5	STD50 460-991479/8	50.0	10.308776	50.0	276187.0	0.206176	Y
6	STD200 460-991479/9	200.0	43.266265	50.0	275939.0	0.216331	Y
7	STD500 460-991479/10	500.0	91.089236	50.0	331021.0	0.182178	Y



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Calibration / o-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

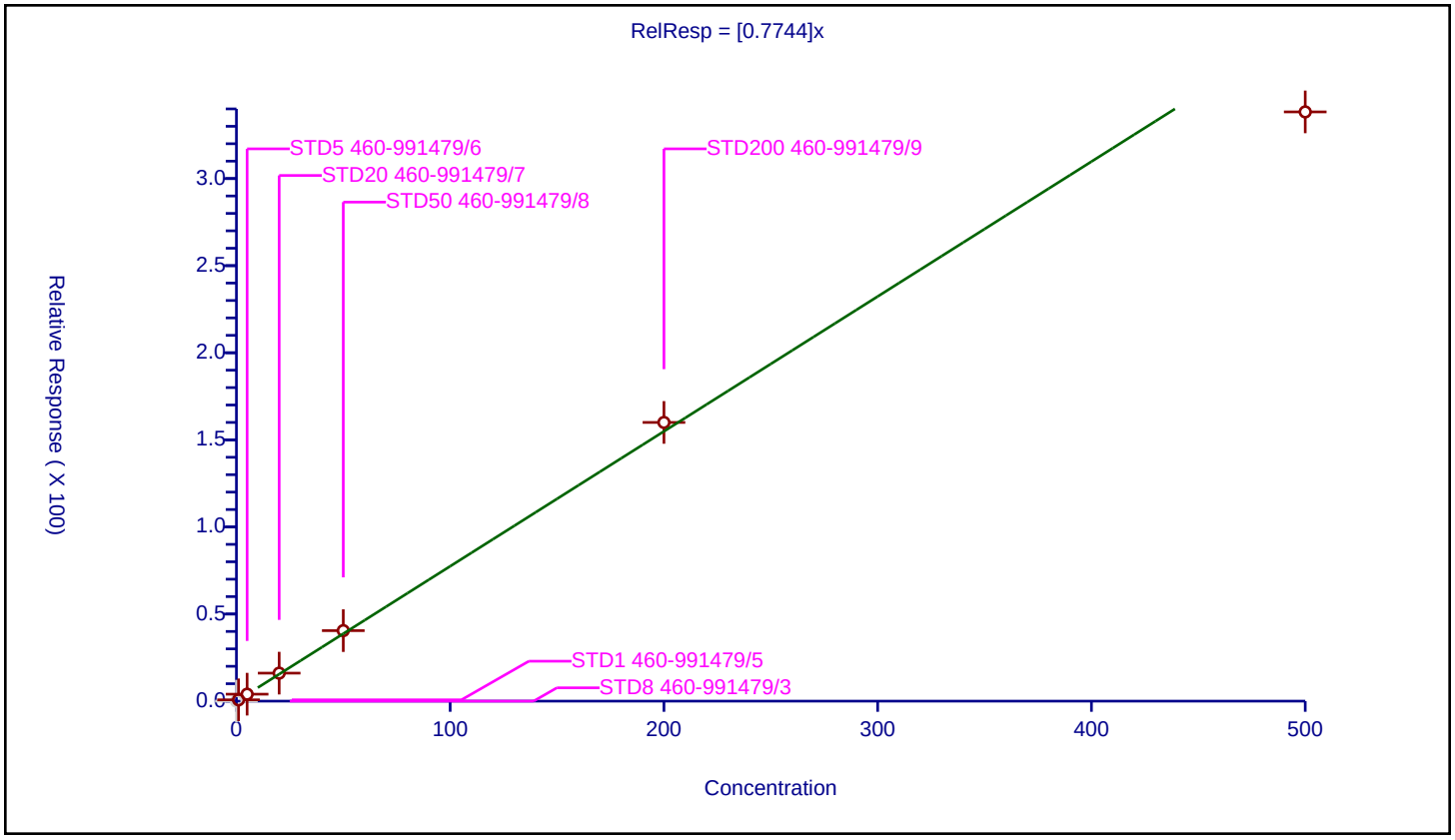
Curve Coefficients

Intercept:	0
Slope:	0.7744

Error Coefficients

Relative Standard Deviation:	6.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	310518.0	NaN	N
2	STD1 460-991479/5	1.0	0.757195	50.0	290744.0	0.757195	Y
3	STD5 460-991479/6	5.0	3.994904	50.0	283361.0	0.798981	Y
4	STD20 460-991479/7	20.0	16.076138	50.0	290051.0	0.803807	Y
5	STD50 460-991479/8	50.0	40.486337	50.0	276187.0	0.809727	Y
6	STD200 460-991479/9	200.0	160.005653	50.0	275939.0	0.800028	Y
7	STD500 460-991479/10	500.0	338.264642	50.0	331021.0	0.676529	Y



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Calibration / Styrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

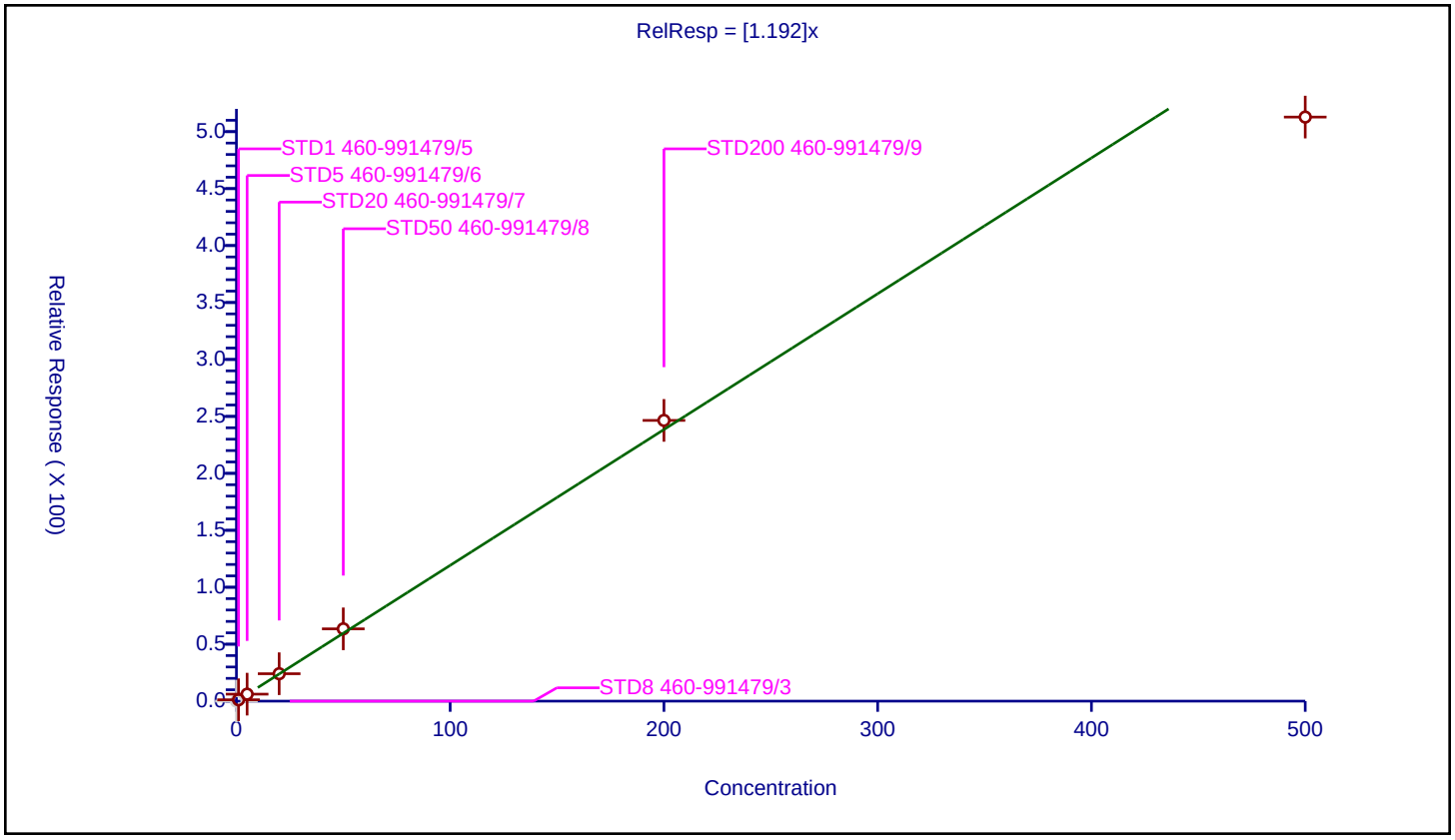
Curve Coefficients

Intercept:	0
Slope:	1.192

Error Coefficients

Relative Standard Deviation:	7.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	310518.0	NaN	N
2	STD1 460-991479/5	1.0	1.194522	50.0	290744.0	1.194522	Y
3	STD5 460-991479/6	5.0	6.141283	50.0	283361.0	1.228257	Y
4	STD20 460-991479/7	20.0	24.073353	50.0	290051.0	1.203668	Y
5	STD50 460-991479/8	50.0	63.489411	50.0	276187.0	1.269788	Y
6	STD200 460-991479/9	200.0	246.477845	50.0	275939.0	1.232389	Y
7	STD500 460-991479/10	500.0	512.825621	50.0	331021.0	1.025651	Y



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Calibration / Bromoform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

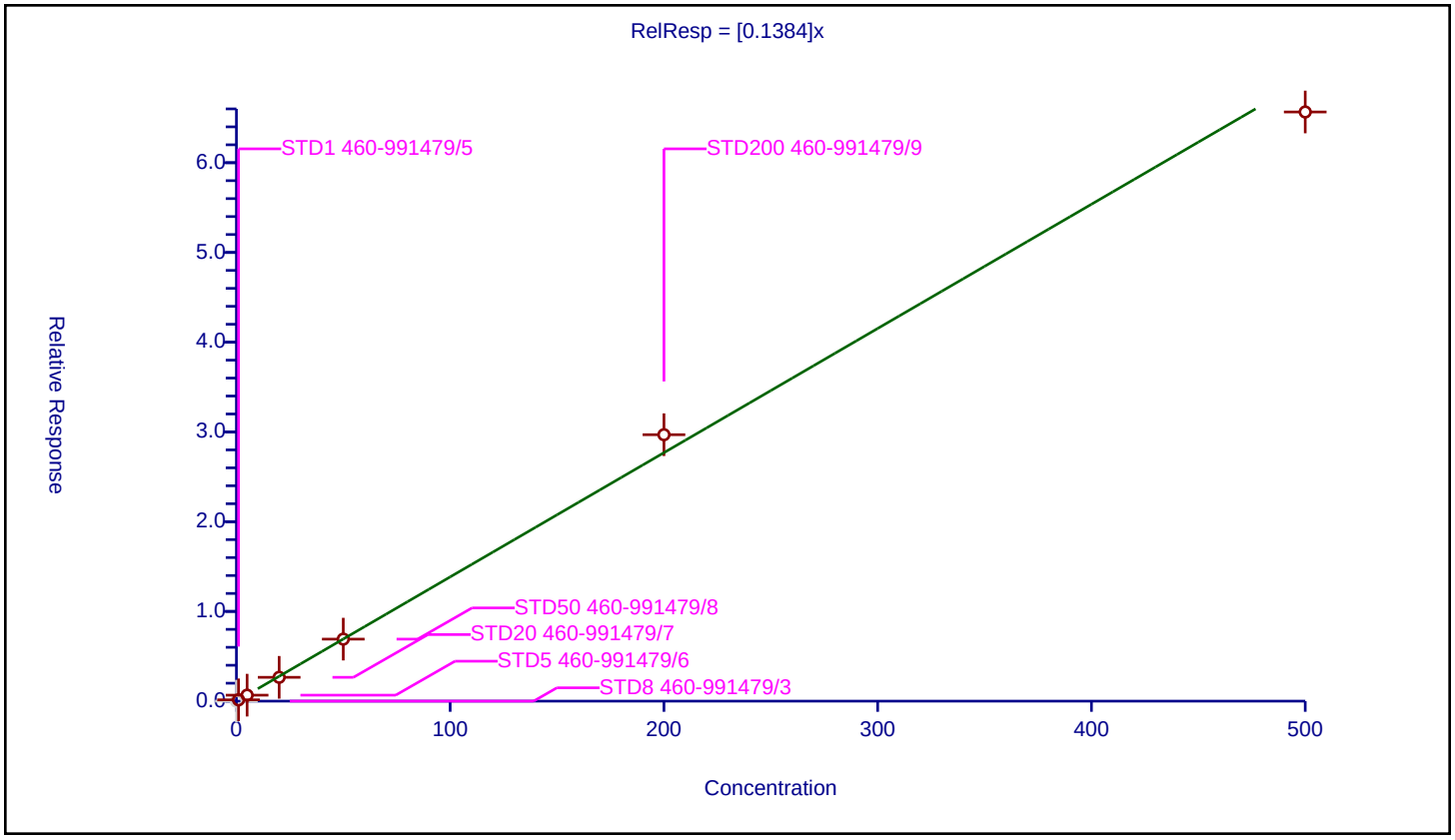
Curve Coefficients

Intercept:	0
Slope:	0.1384

Error Coefficients

Relative Standard Deviation:	5.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	310518.0	NaN	N
2	STD1 460-991479/5	1.0	0.146693	50.0	290744.0	0.146693	Y
3	STD5 460-991479/6	5.0	0.665406	50.0	283361.0	0.133081	Y
4	STD20 460-991479/7	20.0	2.656257	50.0	290051.0	0.132813	Y
5	STD50 460-991479/8	50.0	6.911803	50.0	276187.0	0.138236	Y
6	STD200 460-991479/9	200.0	29.692613	50.0	275939.0	0.148463	Y
7	STD500 460-991479/10	500.0	65.655955	50.0	331021.0	0.131312	Y



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Calibration / Amyl acetate (mixed isomers)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

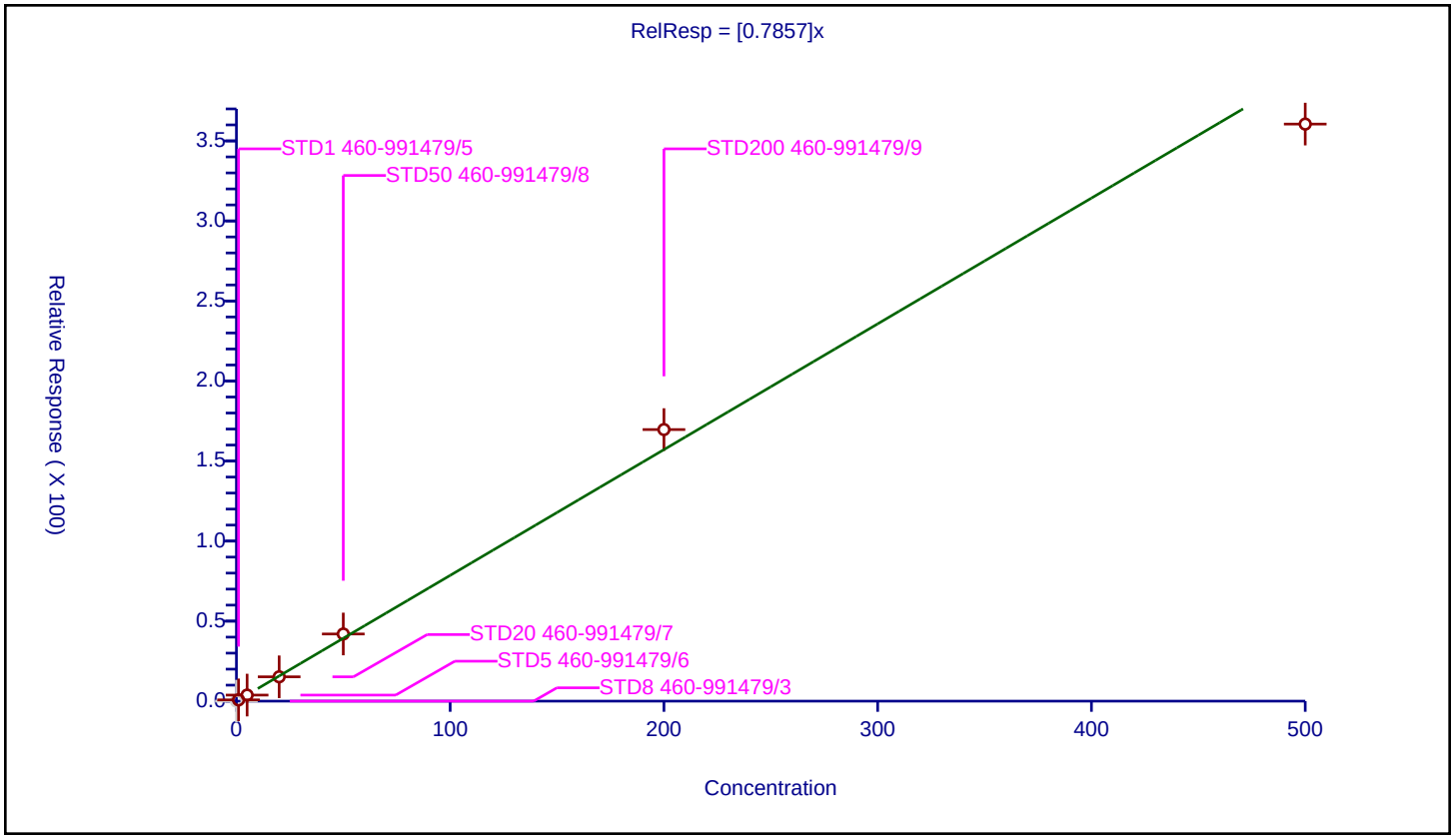
Curve Coefficients

Intercept:	0
Slope:	0.7857

Error Coefficients

Relative Standard Deviation:	6.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	159966.0	NaN	N
2	STD1 460-991479/5	1.0	0.787758	50.0	146809.0	0.787758	Y
3	STD5 460-991479/6	5.0	3.789129	50.0	145416.0	0.757826	Y
4	STD20 460-991479/7	20.0	15.204857	50.0	152106.0	0.760243	Y
5	STD50 460-991479/8	50.0	41.950256	50.0	142048.0	0.839005	Y
6	STD200 460-991479/9	200.0	169.66714	50.0	143694.0	0.848336	Y
7	STD500 460-991479/10	500.0	360.514235	50.0	167297.0	0.721028	Y



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Calibration / Isopropylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

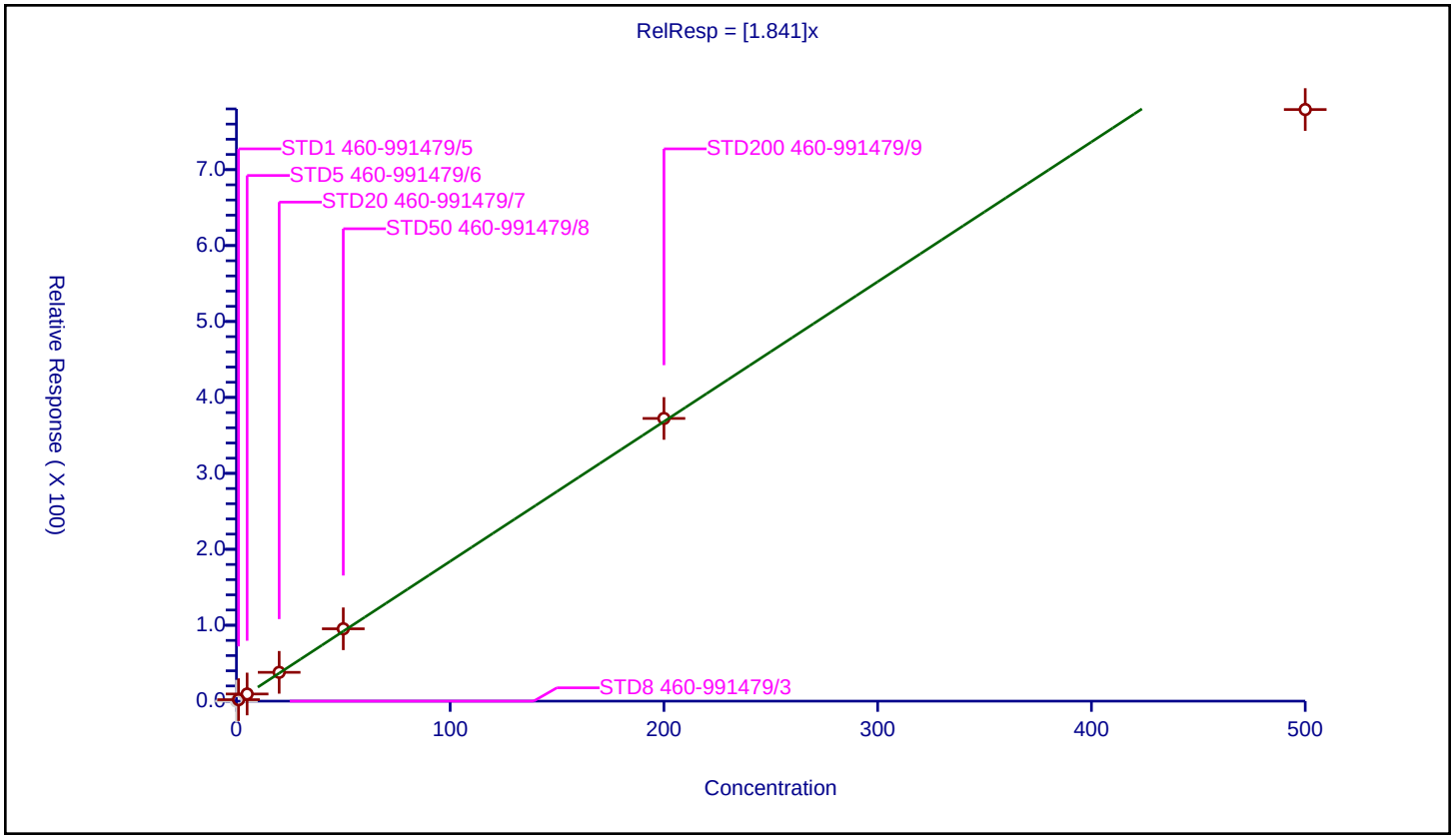
Curve Coefficients

Intercept:	0
Slope:	1.841

Error Coefficients

Relative Standard Deviation:	7.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	310518.0	NaN	N
2	STD1 460-991479/5	1.0	1.938991	50.0	290744.0	1.938991	Y
3	STD5 460-991479/6	5.0	9.428785	50.0	283361.0	1.885757	Y
4	STD20 460-991479/7	20.0	37.942293	50.0	290051.0	1.897115	Y
5	STD50 460-991479/8	50.0	95.303544	50.0	276187.0	1.906071	Y
6	STD200 460-991479/9	200.0	372.312359	50.0	275939.0	1.861562	Y
7	STD500 460-991479/10	500.0	779.153891	50.0	331021.0	1.558308	Y



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Calibration / 4-Bromofluorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

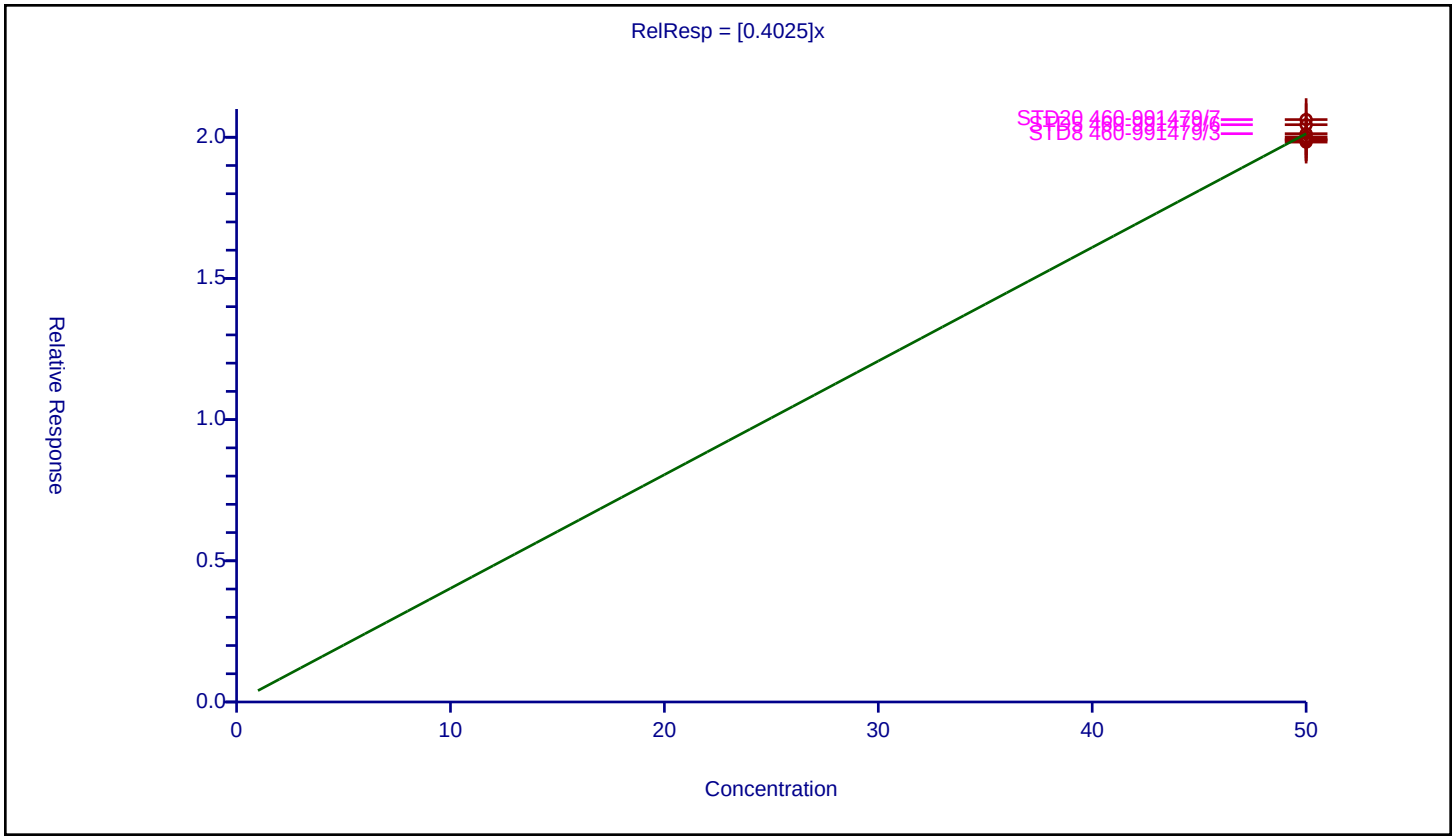
Curve Coefficients

Intercept:	0
Slope:	0.4025

Error Coefficients

Relative Standard Deviation:	1.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	50.0	20.126853	50.0	310518.0	0.402537	Y
2	STD1 460-991479/5	50.0	20.014171	50.0	290744.0	0.400283	Y
3	STD5 460-991479/6	50.0	20.444415	50.0	283361.0	0.408888	Y
4	STD20 460-991479/7	50.0	20.625855	50.0	290051.0	0.412517	Y
5	STD50 460-991479/8	50.0	19.925811	50.0	276187.0	0.398516	Y
6	STD200 460-991479/9	50.0	19.828114	50.0	275939.0	0.396562	Y
7	STD500 460-991479/10	50.0	19.904628	50.0	331021.0	0.398093	Y



Calibration / Bromobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

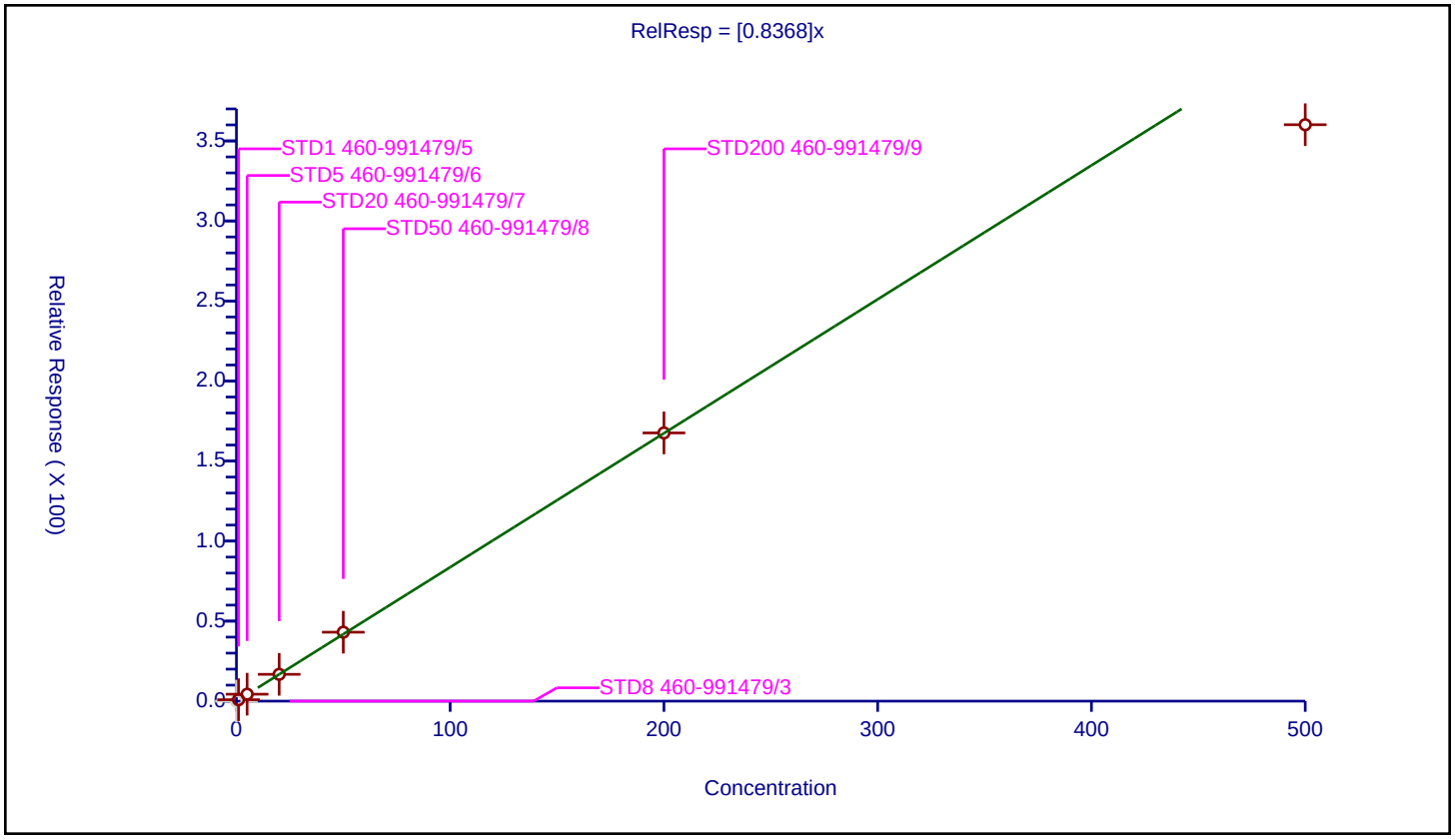
Curve Coefficients

Intercept:	0
Slope:	0.8368

Error Coefficients

Relative Standard Deviation:	7.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	159966.0	NaN	N
2	STD1 460-991479/5	1.0	0.898106	50.0	146809.0	0.898106	Y
3	STD5 460-991479/6	5.0	4.326209	50.0	145416.0	0.865242	Y
4	STD20 460-991479/7	20.0	16.75312	50.0	152106.0	0.837656	Y
5	STD50 460-991479/8	50.0	43.0703	50.0	142048.0	0.861406	Y
6	STD200 460-991479/9	200.0	167.573107	50.0	143694.0	0.837866	Y
7	STD500 460-991479/10	500.0	360.118831	50.0	167297.0	0.720238	Y



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Calibration / 1,1,2,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

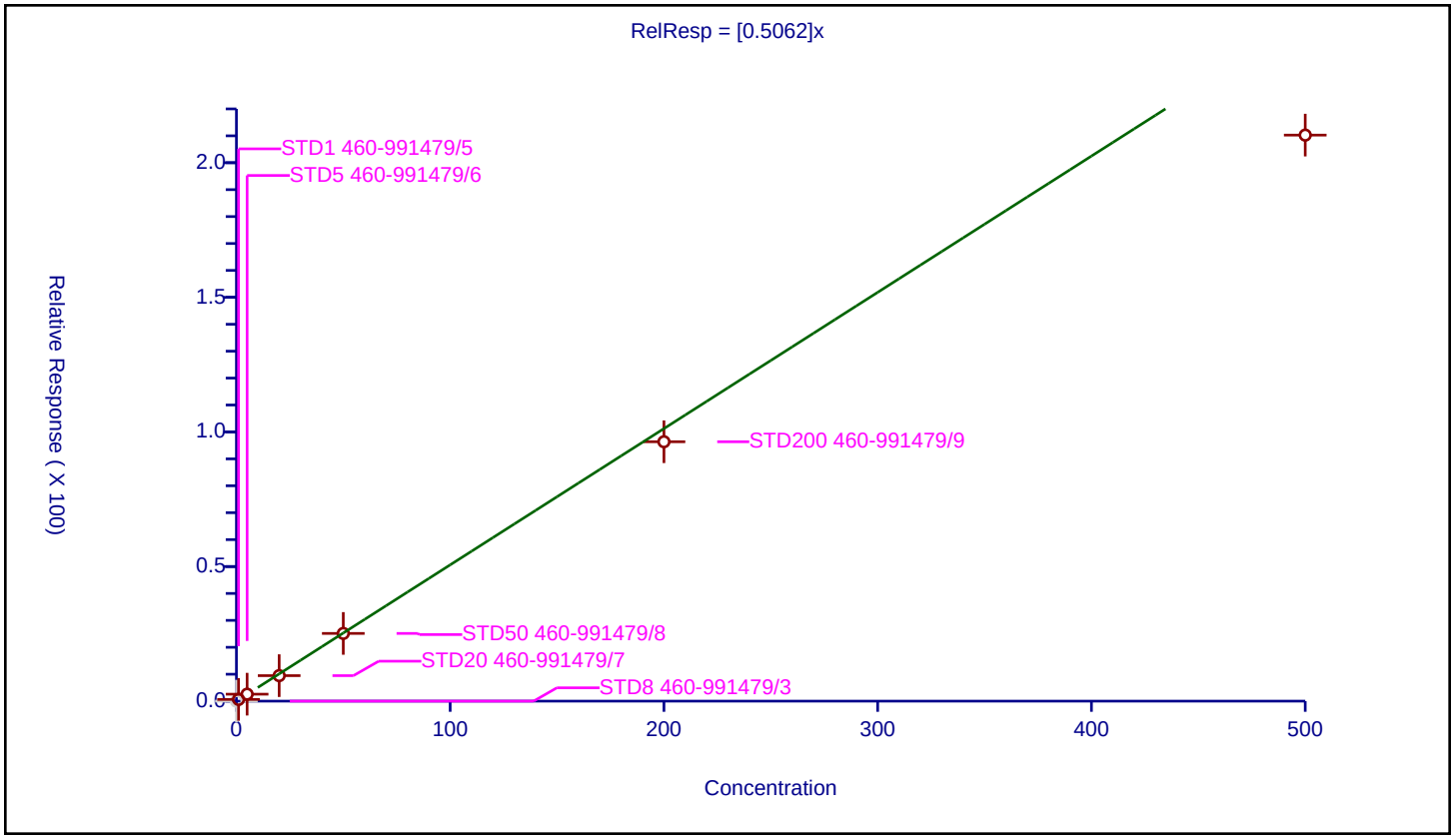
Curve Coefficients

Intercept:	0
Slope:	0.5062

Error Coefficients

Relative Standard Deviation:	14.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	159966.0	NaN	N
2	STD1 460-991479/5	1.0	0.639947	50.0	146809.0	0.639947	Y
3	STD5 460-991479/6	5.0	2.591187	50.0	145416.0	0.518237	Y
4	STD20 460-991479/7	20.0	9.471027	50.0	152106.0	0.473551	Y
5	STD50 460-991479/8	50.0	25.152765	50.0	142048.0	0.503055	Y
6	STD200 460-991479/9	200.0	96.358581	50.0	143694.0	0.481793	Y
7	STD500 460-991479/10	500.0	210.261093	50.0	167297.0	0.420522	Y



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Calibration / N-Propylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

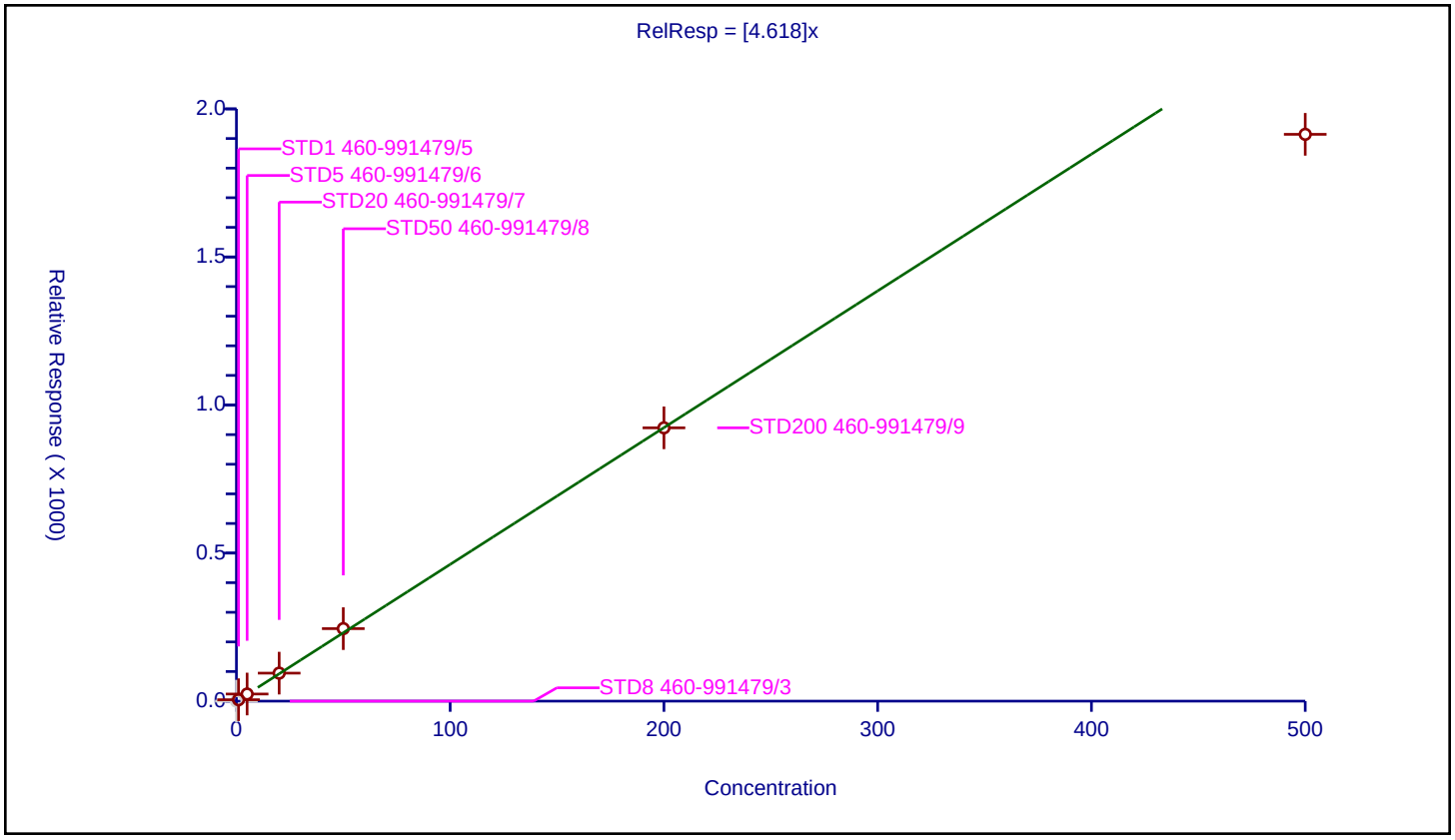
Curve Coefficients

Intercept:	0
Slope:	4.618

Error Coefficients

Relative Standard Deviation:	8.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	159966.0	NaN	N
2	STD1 460-991479/5	1.0	4.827361	50.0	146809.0	4.827361	Y
3	STD5 460-991479/6	5.0	24.051686	50.0	145416.0	4.810337	Y
4	STD20 460-991479/7	20.0	94.608365	50.0	152106.0	4.730418	Y
5	STD50 460-991479/8	50.0	244.834141	50.0	142048.0	4.896683	Y
6	STD200 460-991479/9	200.0	922.915014	50.0	143694.0	4.614575	Y
7	STD500 460-991479/10	500.0	1914.123684	50.0	167297.0	3.828247	Y



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Calibration / 1,2,3-Trichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

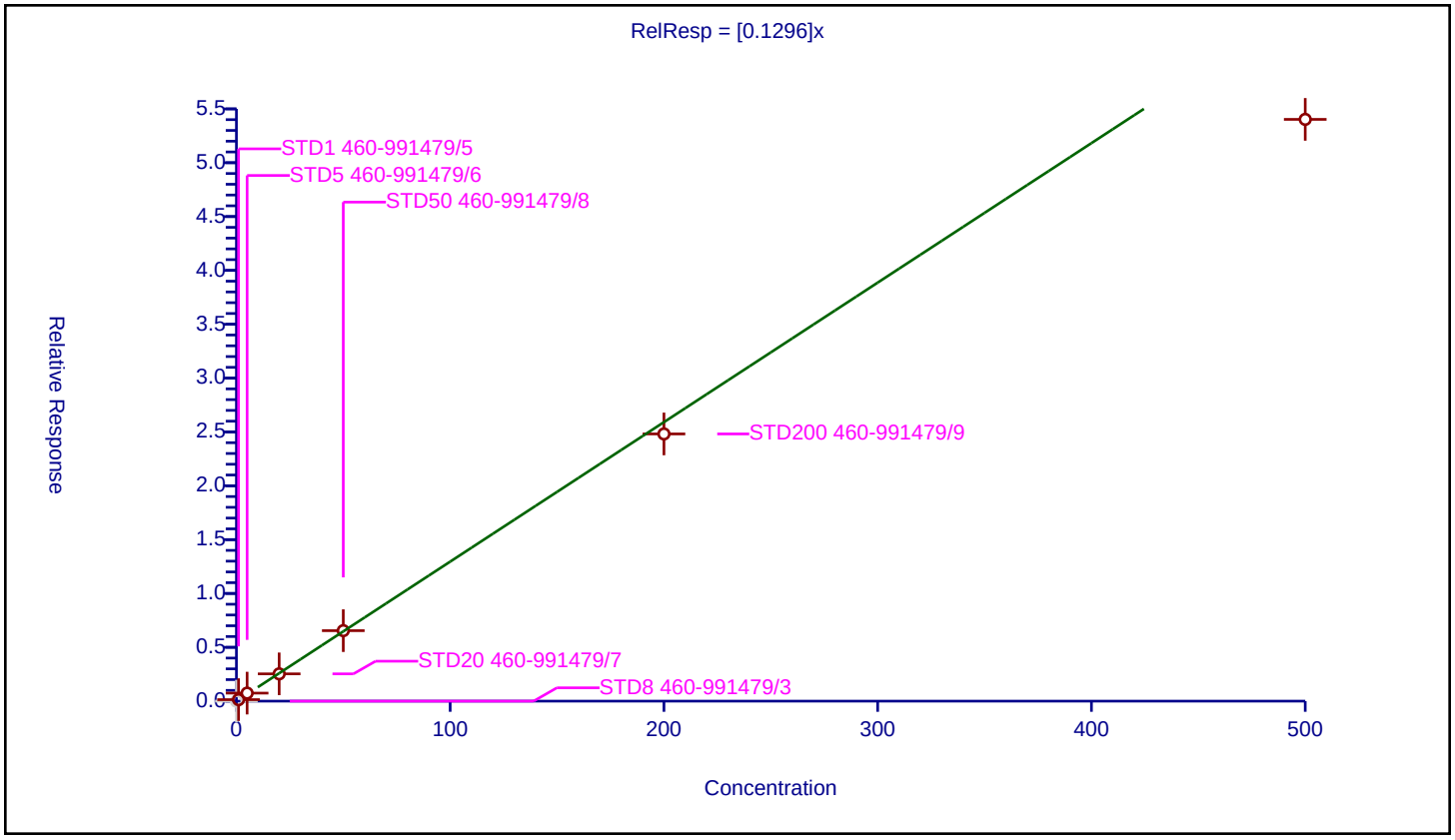
Curve Coefficients

Intercept:	0
Slope:	0.1296

Error Coefficients

Relative Standard Deviation:	10.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	159966.0	NaN	N
2	STD1 460-991479/5	1.0	0.138615	50.0	146809.0	0.138615	Y
3	STD5 460-991479/6	5.0	0.74476	50.0	145416.0	0.148952	Y
4	STD20 460-991479/7	20.0	2.534746	50.0	152106.0	0.126737	Y
5	STD50 460-991479/8	50.0	6.544971	50.0	142048.0	0.130899	Y
6	STD200 460-991479/9	200.0	24.813841	50.0	143694.0	0.124069	Y
7	STD500 460-991479/10	500.0	54.024878	50.0	167297.0	0.10805	Y



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Calibration / trans-1,4-Dichloro-2-butene

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

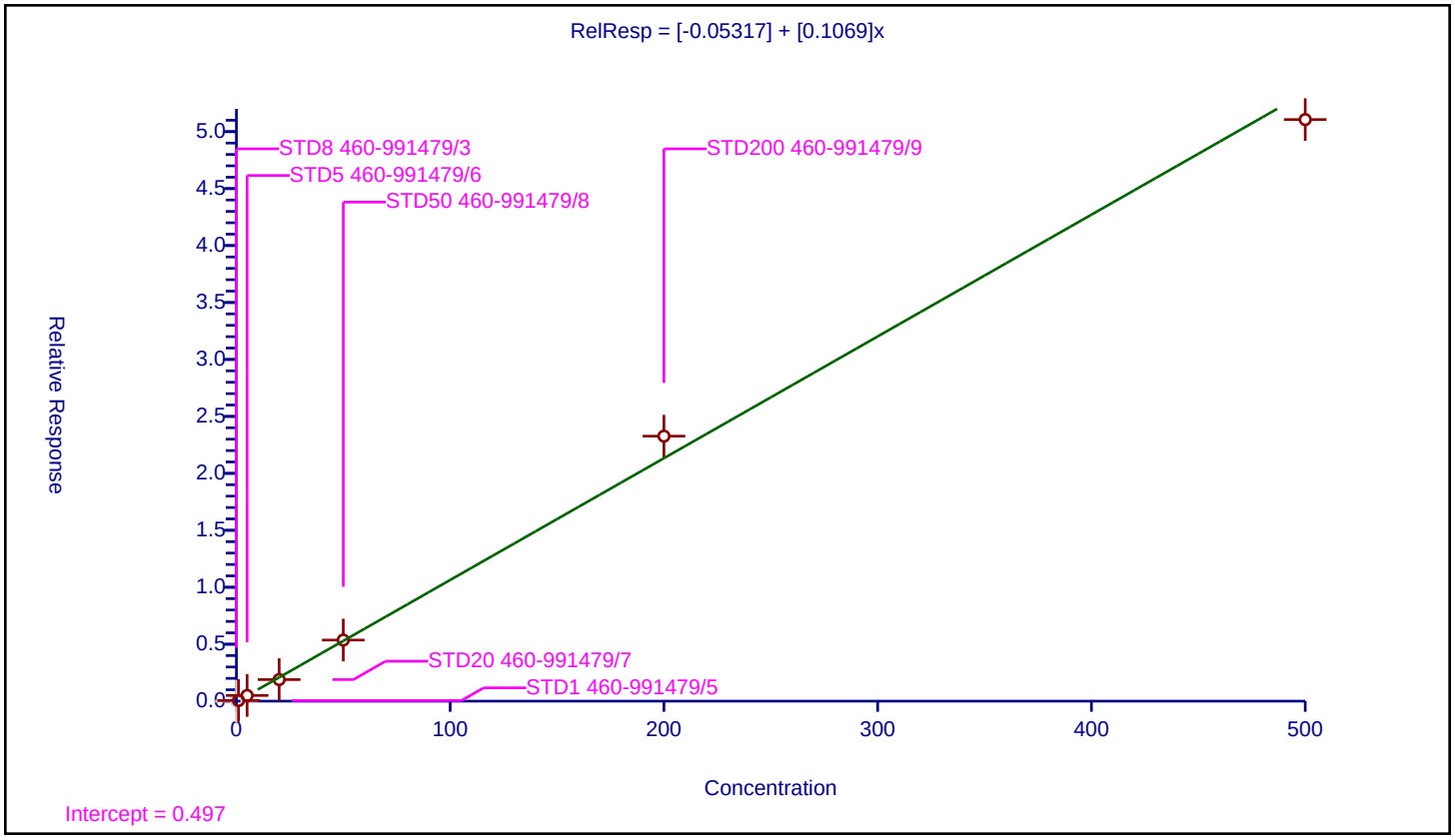
Curve Coefficients

Intercept:	-0.05317
Slope:	0.1069

Error Coefficients

Relative Standard Deviation:	7.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	159966.0	NaN	N
2	STD1 460-991479/5	1.0	0.053471	50.0	146809.0	0.053471	Y
3	STD5 460-991479/6	5.0	0.49857	50.0	145416.0	0.099714	Y
4	STD20 460-991479/7	20.0	1.893088	50.0	152106.0	0.094654	Y
5	STD50 460-991479/8	50.0	5.364032	50.0	142048.0	0.107281	Y
6	STD200 460-991479/9	200.0	23.267847	50.0	143694.0	0.116339	Y
7	STD500 460-991479/10	500.0	51.062781	50.0	167297.0	0.102126	Y



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Calibration / 2-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

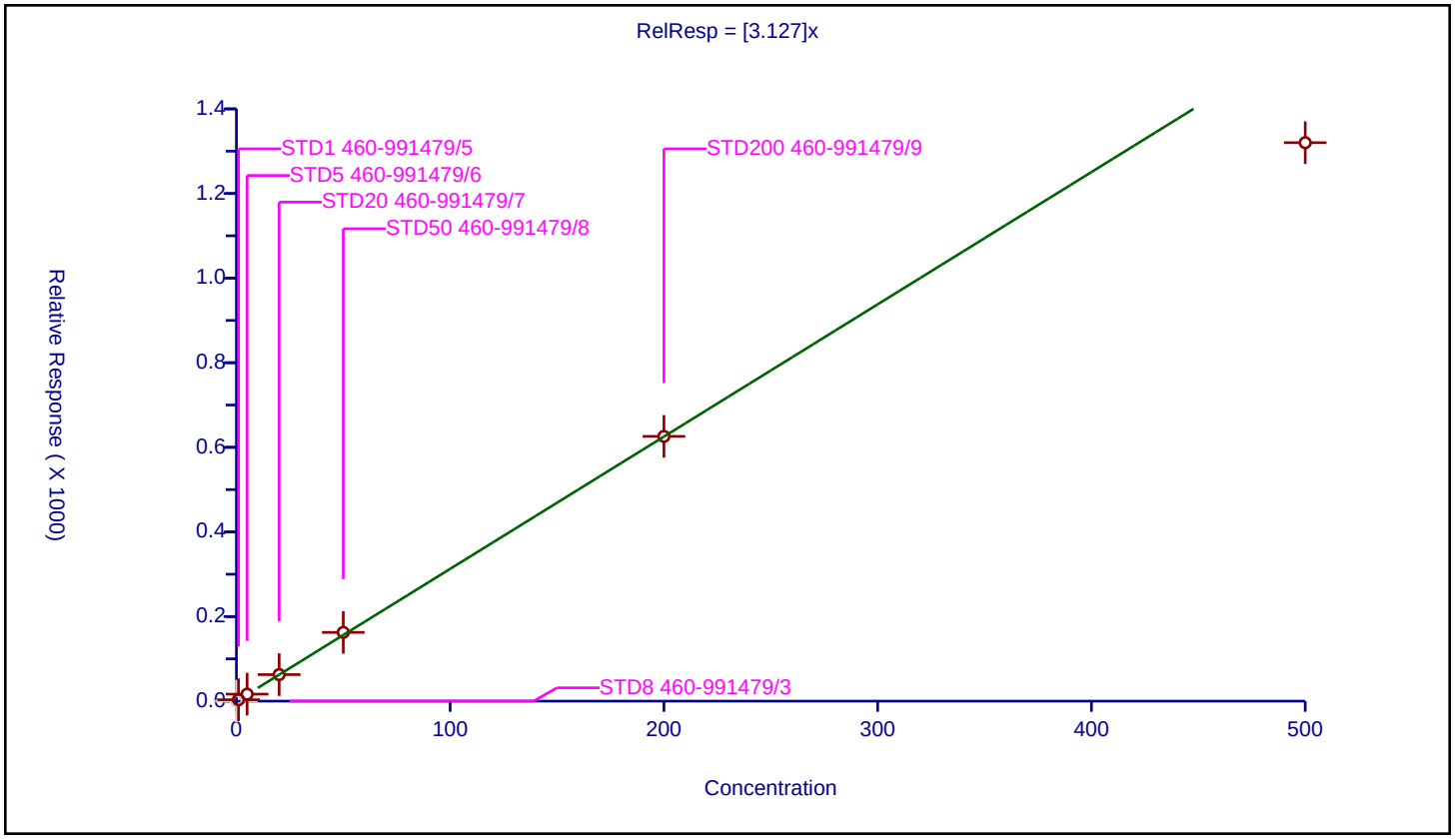
Curve Coefficients

Intercept:	0
Slope:	3.127

Error Coefficients

Relative Standard Deviation:	8.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	159966.0	NaN	N
2	STD1 460-991479/5	1.0	3.299185	50.0	146809.0	3.299185	Y
3	STD5 460-991479/6	5.0	16.522941	50.0	145416.0	3.304588	Y
4	STD20 460-991479/7	20.0	62.723035	50.0	152106.0	3.136152	Y
5	STD50 460-991479/8	50.0	162.536255	50.0	142048.0	3.250725	Y
6	STD200 460-991479/9	200.0	625.824669	50.0	143694.0	3.129123	Y
7	STD500 460-991479/10	500.0	1320.095698	50.0	167297.0	2.640191	Y



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Calibration / 4-Ethyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

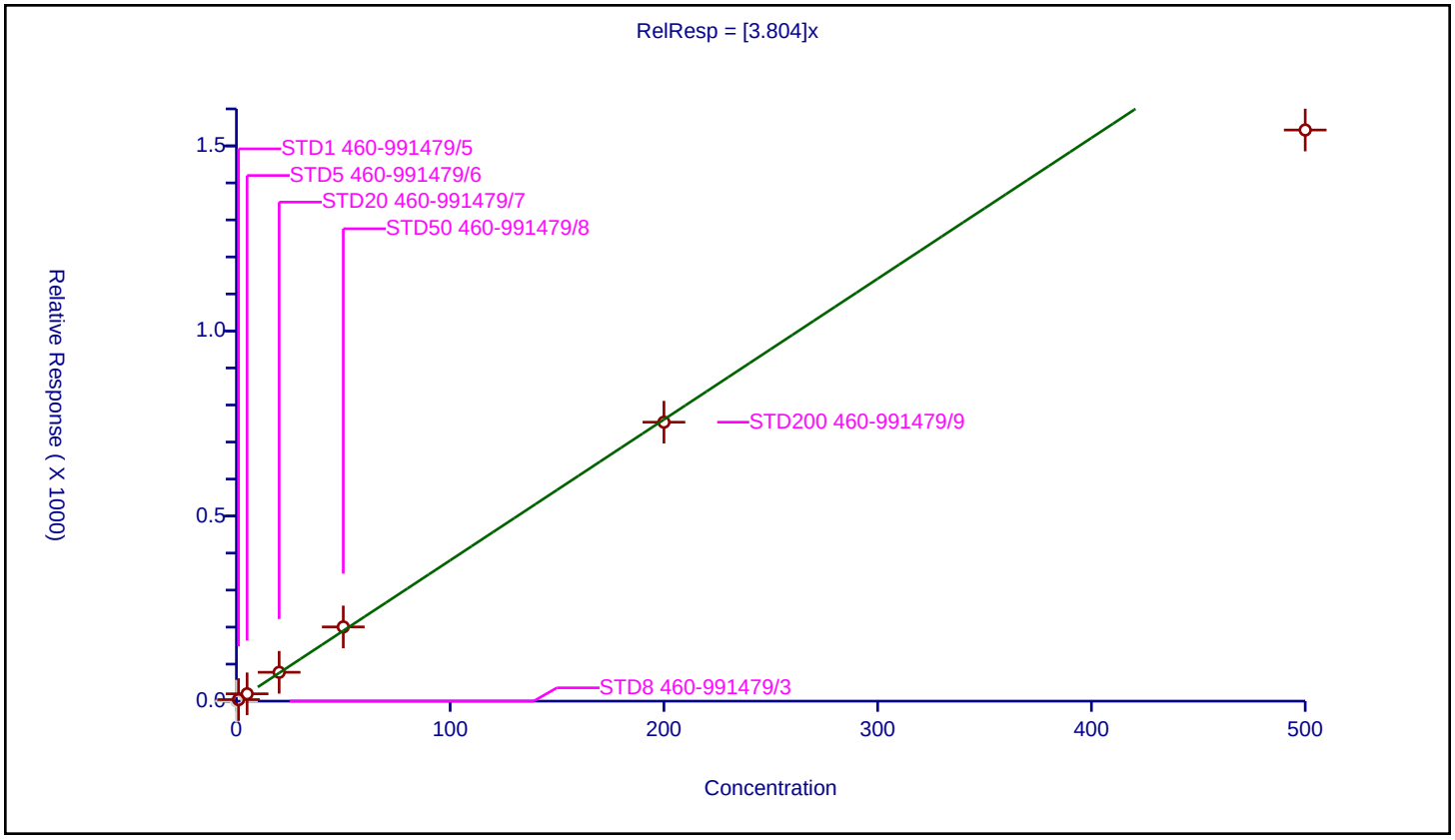
Curve Coefficients

Intercept:	0
Slope:	3.804

Error Coefficients

Relative Standard Deviation:	9.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	159966.0	NaN	N
2	STD1 460-991479/5	1.0	4.101928	50.0	146809.0	4.101928	Y
3	STD5 460-991479/6	5.0	19.806624	50.0	145416.0	3.961325	Y
4	STD20 460-991479/7	20.0	77.946629	50.0	152106.0	3.897331	Y
5	STD50 460-991479/8	50.0	200.503351	50.0	142048.0	4.010067	Y
6	STD200 460-991479/9	200.0	753.573566	50.0	143694.0	3.767868	Y
7	STD500 460-991479/10	500.0	1542.924559	50.0	167297.0	3.085849	Y



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Calibration / 1,3,5-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

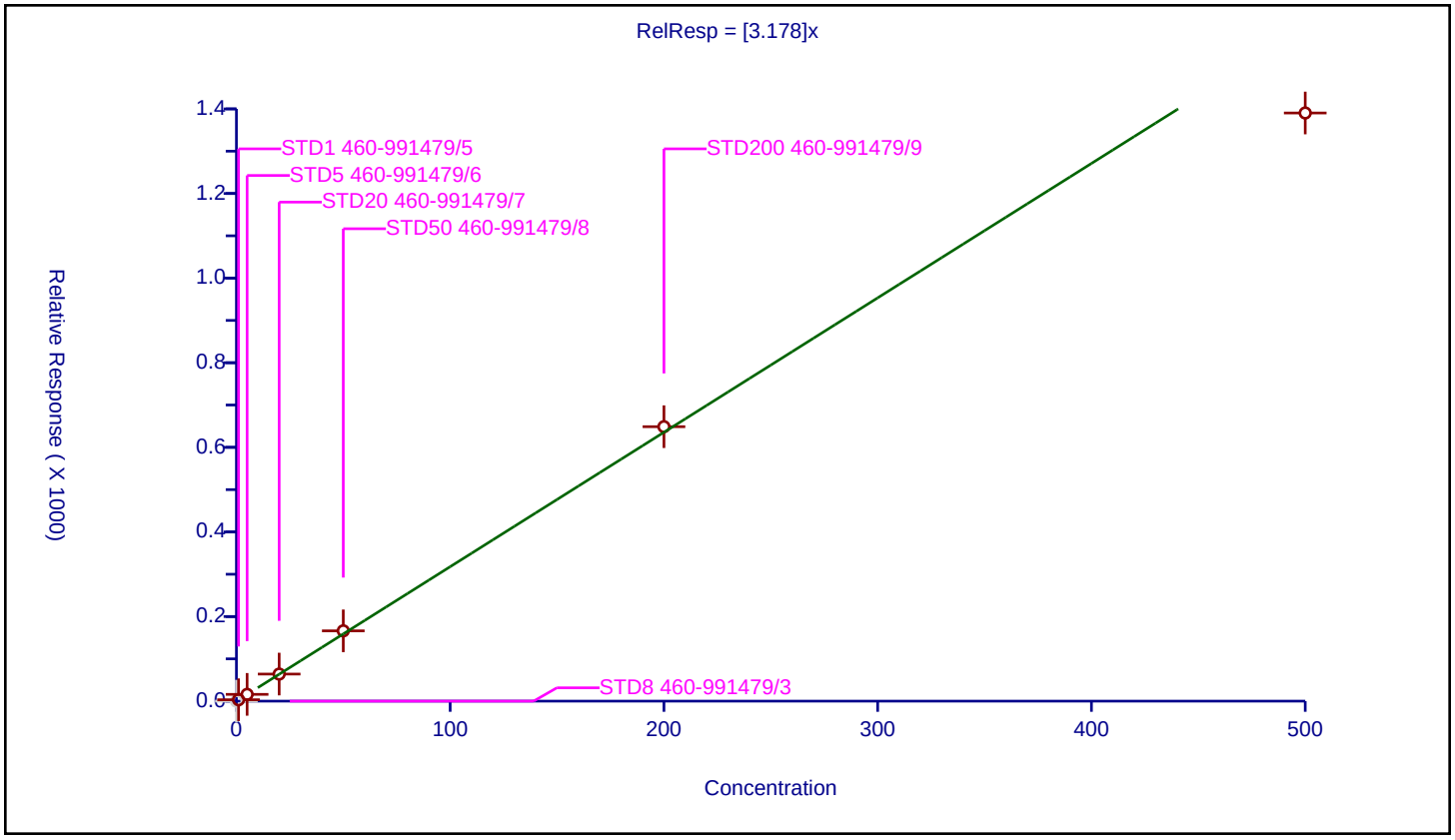
Curve Coefficients

Intercept:	0
Slope:	3.178

Error Coefficients

Relative Standard Deviation:	6.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	159966.0	NaN	N
2	STD1 460-991479/5	1.0	3.315192	50.0	146809.0	3.315192	Y
3	STD5 460-991479/6	5.0	16.018526	50.0	145416.0	3.203705	Y
4	STD20 460-991479/7	20.0	63.972164	50.0	152106.0	3.198608	Y
5	STD50 460-991479/8	50.0	166.208606	50.0	142048.0	3.324172	Y
6	STD200 460-991479/9	200.0	648.744206	50.0	143694.0	3.243721	Y
7	STD500 460-991479/10	500.0	1390.322301	50.0	167297.0	2.780645	Y



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Calibration / 4-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

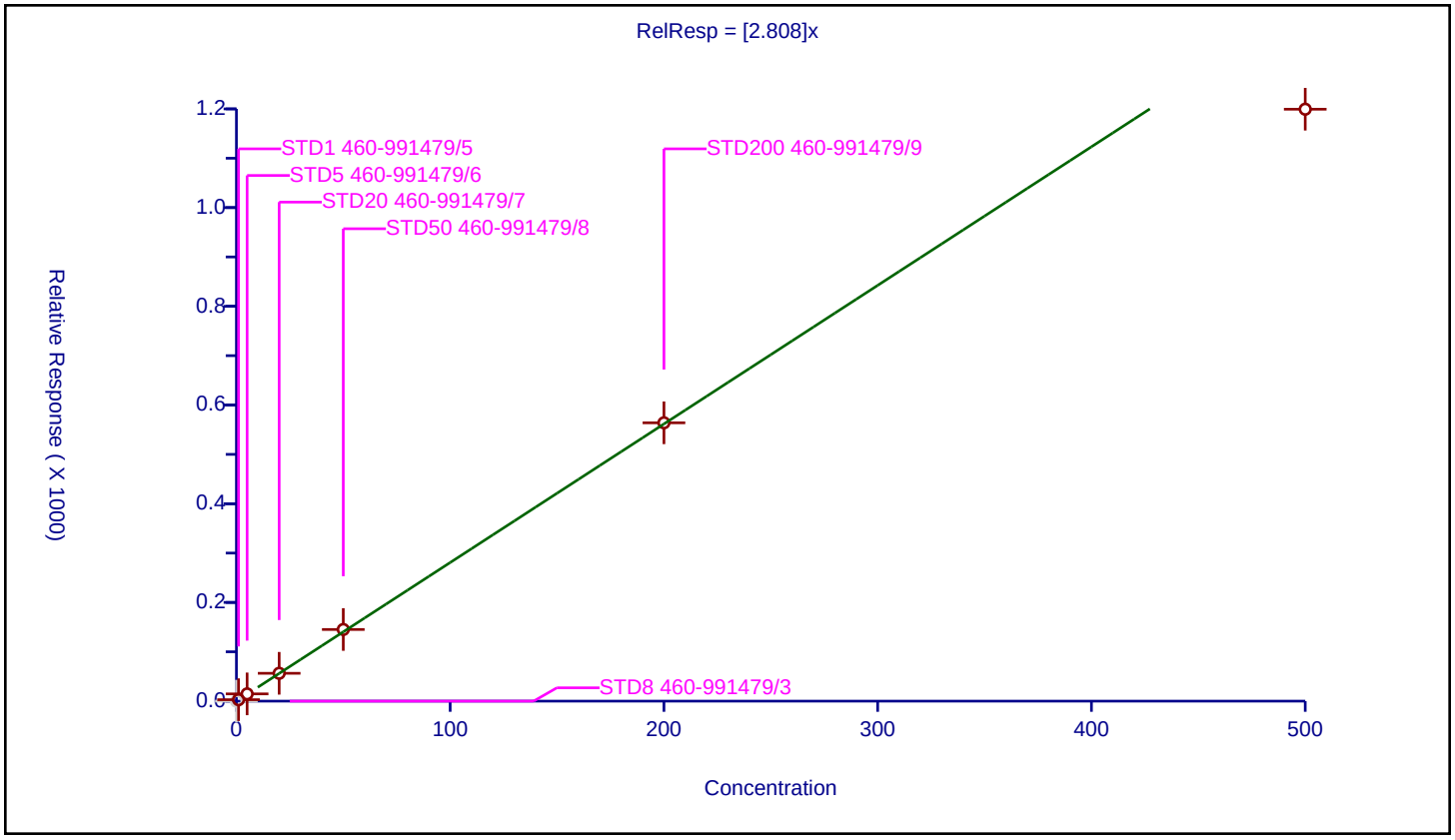
Curve Coefficients

Intercept:	0
Slope:	2.808

Error Coefficients

Relative Standard Deviation:	7.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	159966.0	NaN	N
2	STD1 460-991479/5	1.0	2.963034	50.0	146809.0	2.963034	Y
3	STD5 460-991479/6	5.0	14.70746	50.0	145416.0	2.941492	Y
4	STD20 460-991479/7	20.0	56.427426	50.0	152106.0	2.821371	Y
5	STD50 460-991479/8	50.0	145.21887	50.0	142048.0	2.904377	Y
6	STD200 460-991479/9	200.0	563.964397	50.0	143694.0	2.819822	Y
7	STD500 460-991479/10	500.0	1199.328739	50.0	167297.0	2.398657	Y



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Calibration / Butyl Methacrylate

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

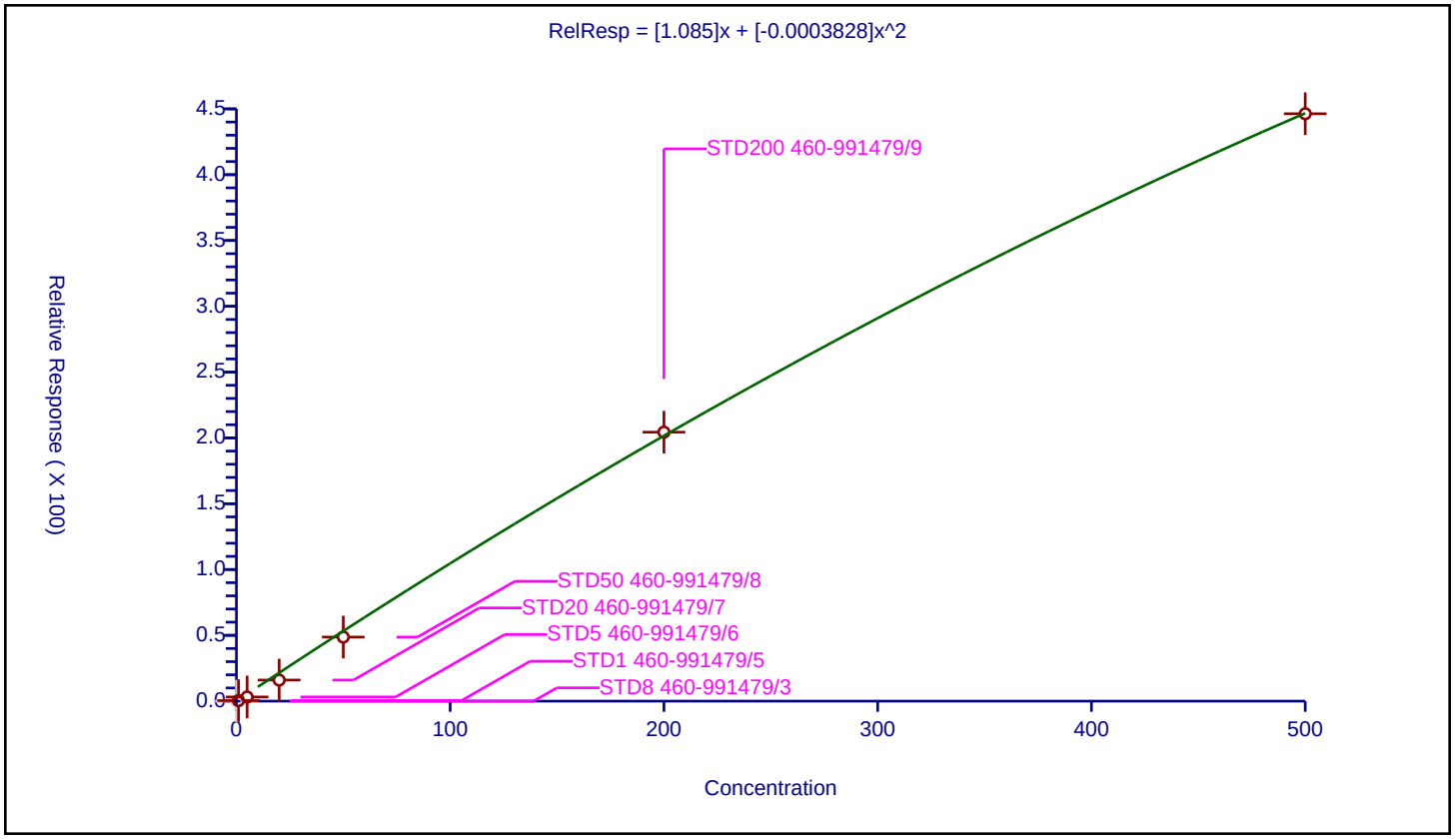
Curve Coefficients

Intercept:	0
Slope:	1.085
Second Order:	-0.0003828

Error Coefficients

Relative Standard Deviation:	40.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	159966.0	NaN	N
2	STD1 460-991479/5	1.0	0.396774	50.0	146809.0	0.396774	Y
3	STD5 460-991479/6	5.0	3.166433	50.0	145416.0	0.633287	Y
4	STD20 460-991479/7	20.0	16.024023	50.0	152106.0	0.801201	Y
5	STD50 460-991479/8	50.0	48.6758	50.0	142048.0	0.973516	Y
6	STD200 460-991479/9	200.0	204.354392	50.0	143694.0	1.021772	Y
7	STD500 460-991479/10	500.0	446.320914	50.0	167297.0	0.892642	Y



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Calibration / tert-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

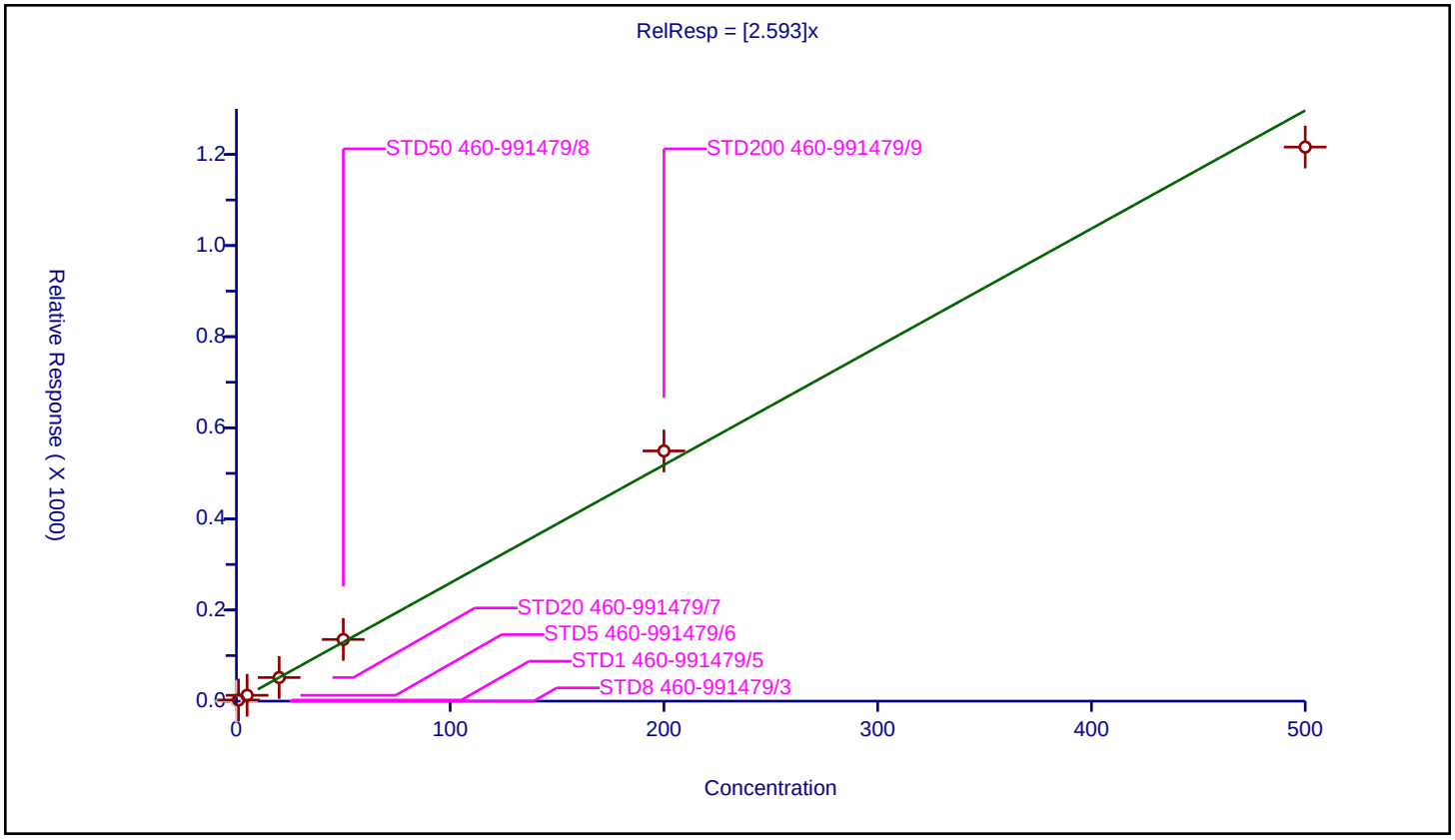
Curve Coefficients

Intercept:	0
Slope:	2.593

Error Coefficients

Relative Standard Deviation:	4.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	159966.0	NaN	N
2	STD1 460-991479/5	1.0	2.513129	50.0	146809.0	2.513129	Y
3	STD5 460-991479/6	5.0	12.839715	50.0	145416.0	2.567943	Y
4	STD20 460-991479/7	20.0	51.798746	50.0	152106.0	2.589937	Y
5	STD50 460-991479/8	50.0	135.397542	50.0	142048.0	2.707951	Y
6	STD200 460-991479/9	200.0	549.22161	50.0	143694.0	2.746108	Y
7	STD500 460-991479/10	500.0	1216.251337	50.0	167297.0	2.432503	Y



Calibration / 1,2,4-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

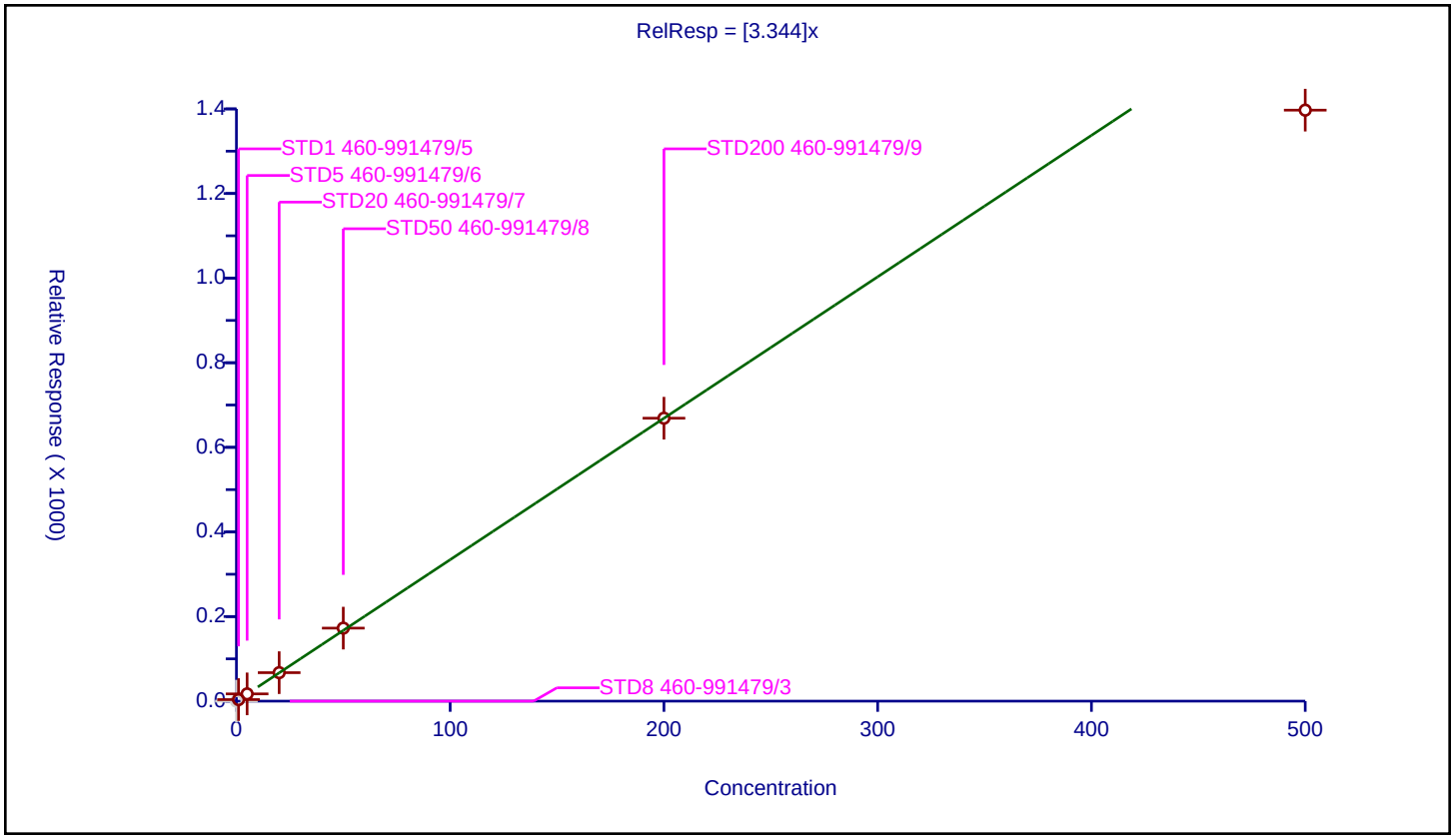
Curve Coefficients

Intercept:	0
Slope:	3.344

Error Coefficients

Relative Standard Deviation:	8.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	159966.0	NaN	N
2	STD1 460-991479/5	1.0	3.669394	50.0	146809.0	3.669394	Y
3	STD5 460-991479/6	5.0	17.175895	50.0	145416.0	3.435179	Y
4	STD20 460-991479/7	20.0	67.311612	50.0	152106.0	3.365581	Y
5	STD50 460-991479/8	50.0	172.63073	50.0	142048.0	3.452615	Y
6	STD200 460-991479/9	200.0	668.864392	50.0	143694.0	3.344322	Y
7	STD500 460-991479/10	500.0	1397.053444	50.0	167297.0	2.794107	Y



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Calibration / sec-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

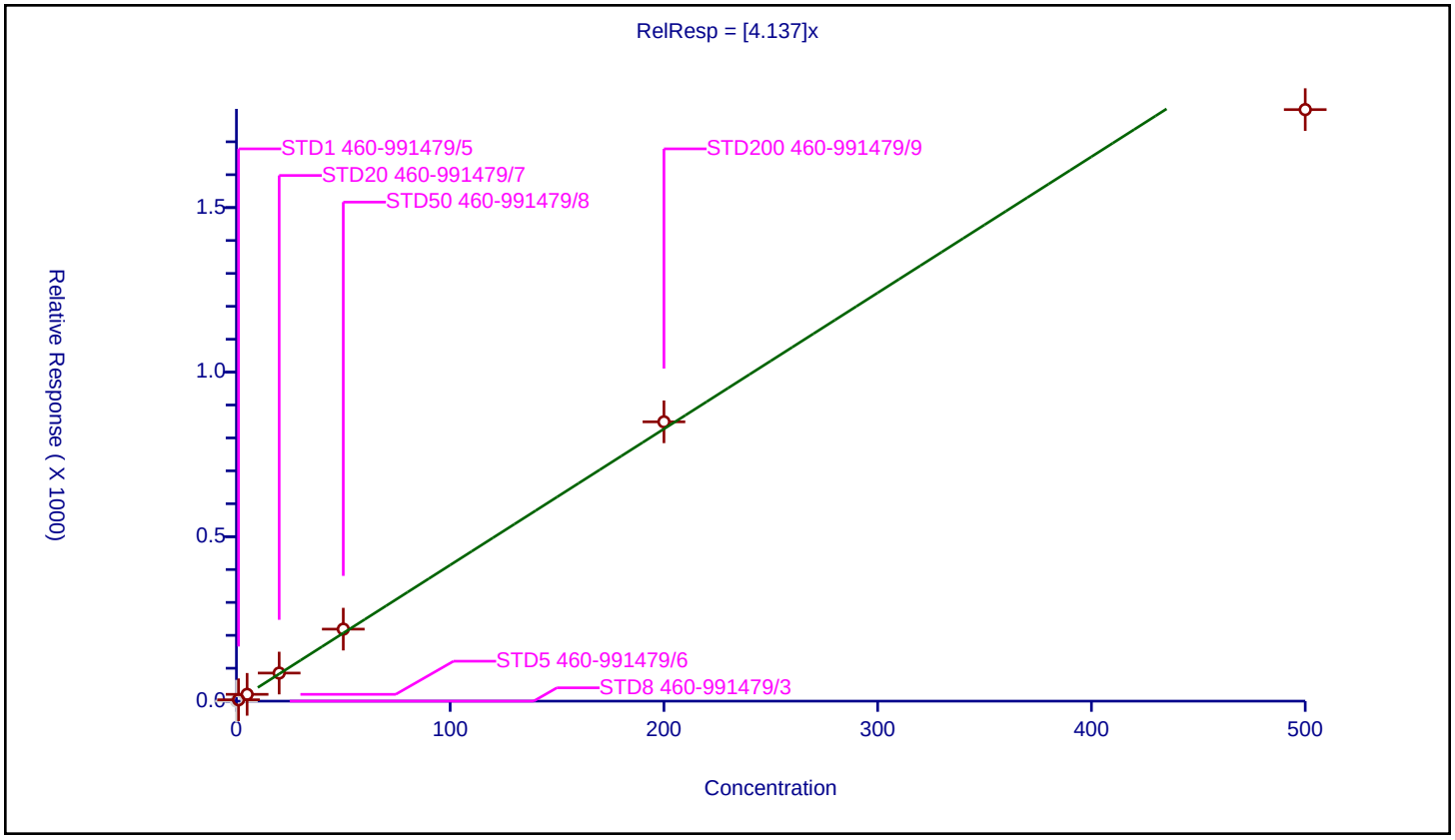
Curve Coefficients

Intercept:	0
Slope:	4.137

Error Coefficients

Relative Standard Deviation:	6.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	159966.0	NaN	N
2	STD1 460-991479/5	1.0	4.201377	50.0	146809.0	4.201377	Y
3	STD5 460-991479/6	5.0	20.673447	50.0	145416.0	4.134689	Y
4	STD20 460-991479/7	20.0	85.330625	50.0	152106.0	4.266531	Y
5	STD50 460-991479/8	50.0	218.821455	50.0	142048.0	4.376429	Y
6	STD200 460-991479/9	200.0	848.973861	50.0	143694.0	4.244869	Y
7	STD500 460-991479/10	500.0	1797.848138	50.0	167297.0	3.595696	Y



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Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

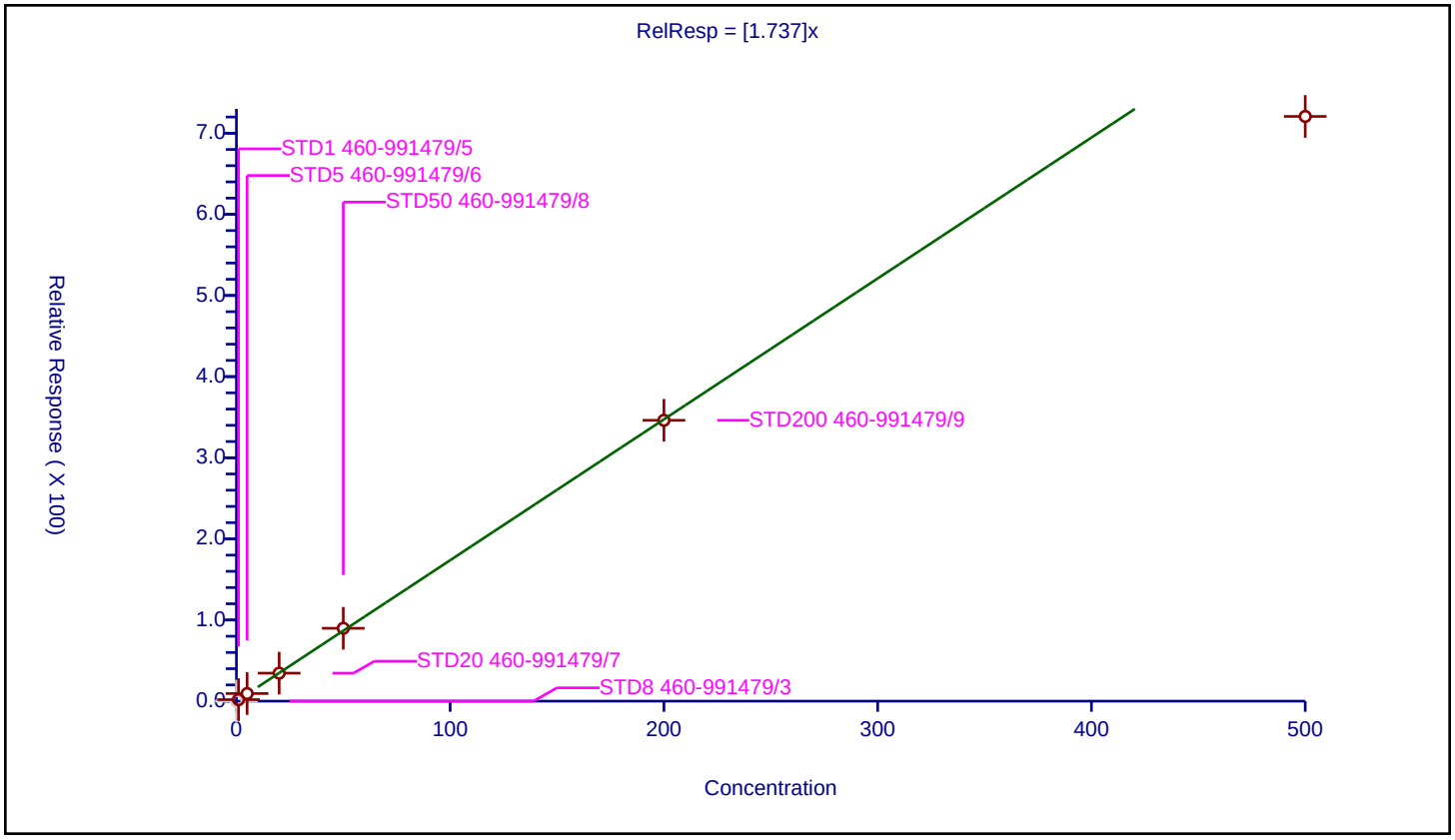
Curve Coefficients

Intercept:	0
Slope:	1.737

Error Coefficients

Relative Standard Deviation:	9.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	159966.0	NaN	N
2	STD1 460-991479/5	1.0	1.851385	50.0	146809.0	1.851385	Y
3	STD5 460-991479/6	5.0	9.377923	50.0	145416.0	1.875585	Y
4	STD20 460-991479/7	20.0	34.490092	50.0	152106.0	1.724505	Y
5	STD50 460-991479/8	50.0	89.806615	50.0	142048.0	1.796132	Y
6	STD200 460-991479/9	200.0	346.176945	50.0	143694.0	1.730885	Y
7	STD500 460-991479/10	500.0	720.723324	50.0	167297.0	1.441447	Y



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Calibration / 4-Isopropyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

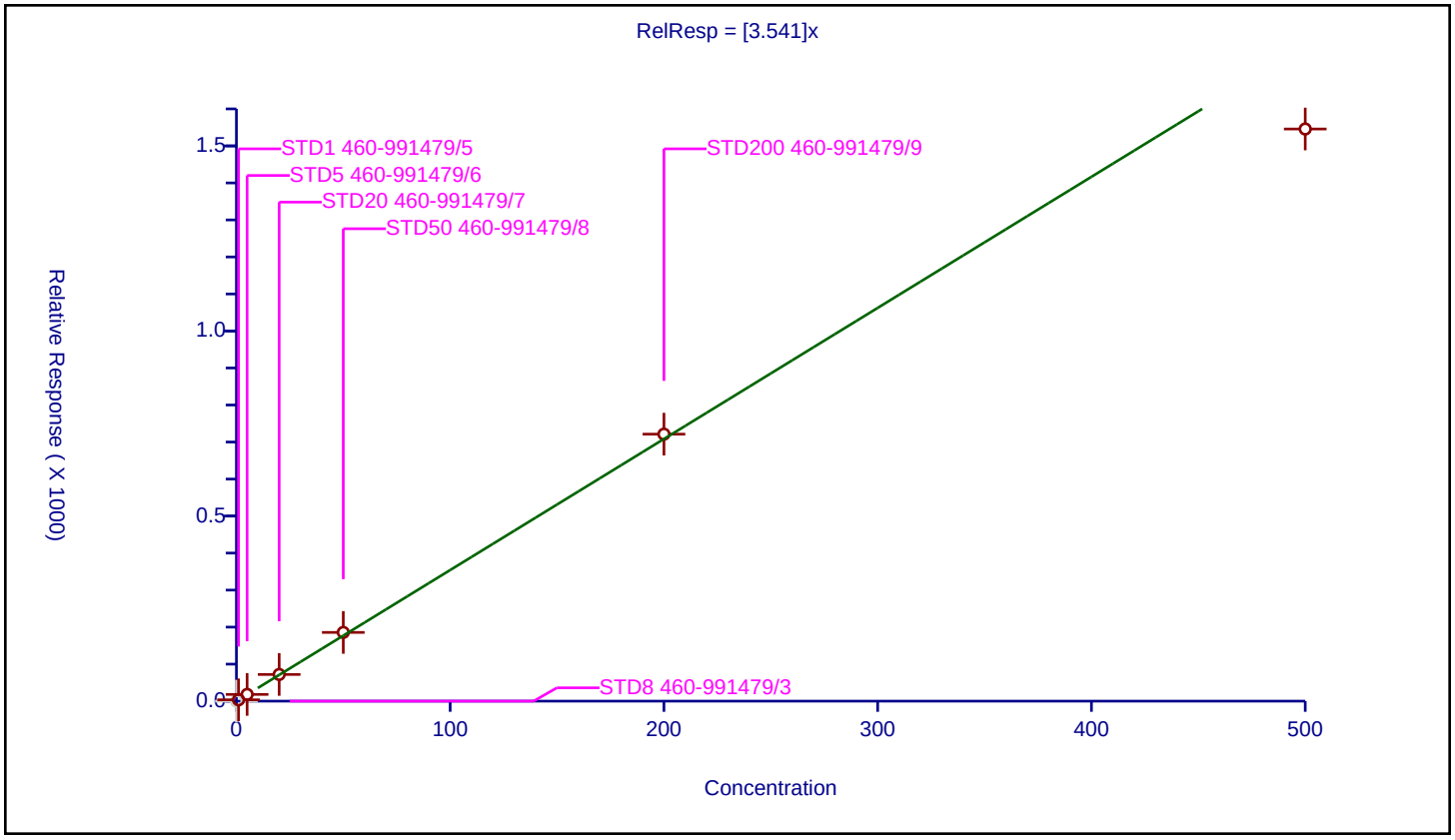
Curve Coefficients

Intercept:	0
Slope:	3.541

Error Coefficients

Relative Standard Deviation:	6.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	159966.0	NaN	N
2	STD1 460-991479/5	1.0	3.597872	50.0	146809.0	3.597872	Y
3	STD5 460-991479/6	5.0	18.178192	50.0	145416.0	3.635638	Y
4	STD20 460-991479/7	20.0	72.04844	50.0	152106.0	3.602422	Y
5	STD50 460-991479/8	50.0	185.702368	50.0	142048.0	3.714047	Y
6	STD200 460-991479/9	200.0	721.300124	50.0	143694.0	3.606501	Y
7	STD500 460-991479/10	500.0	1545.709726	50.0	167297.0	3.091419	Y



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Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

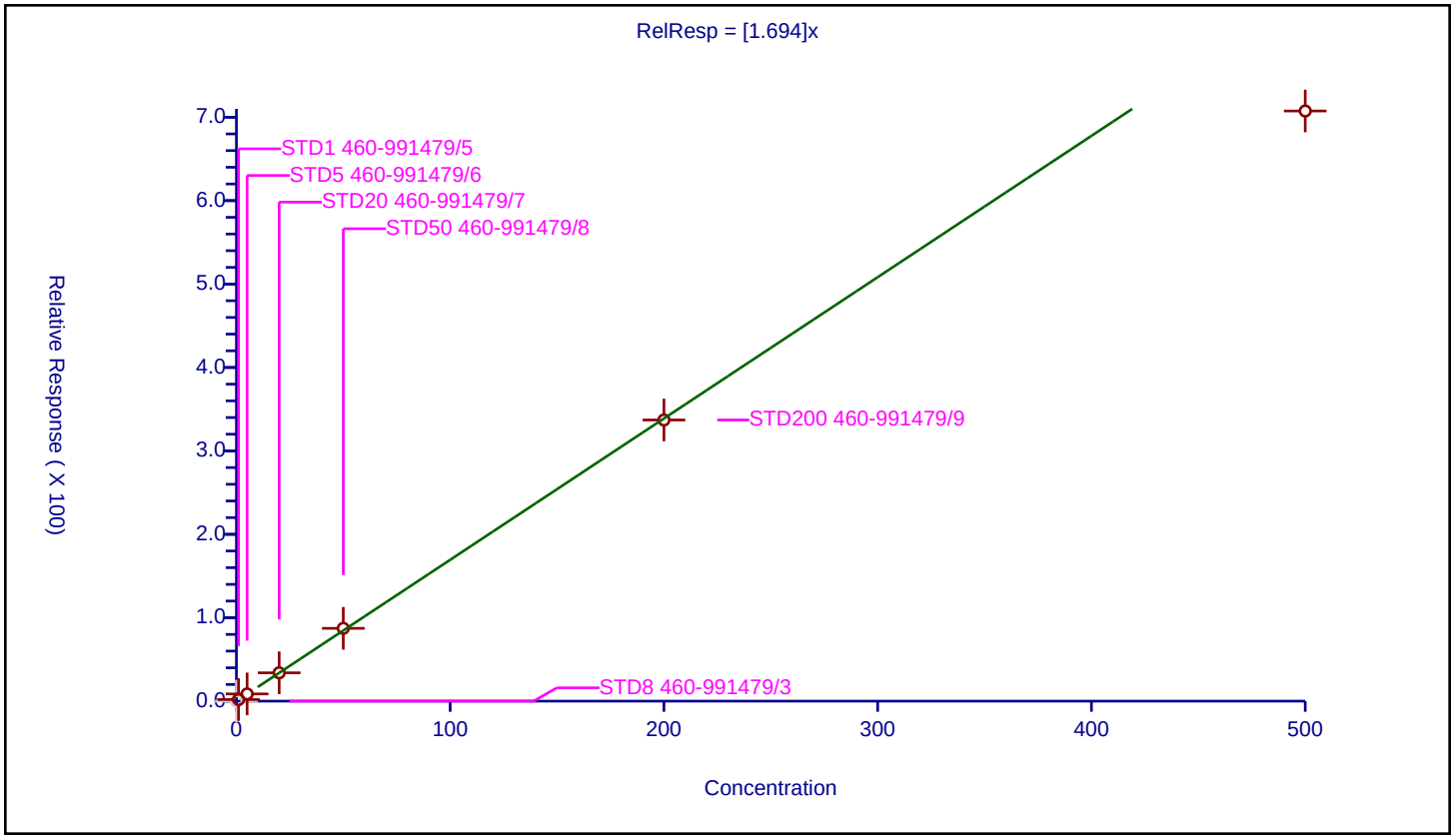
Curve Coefficients

Intercept:	0
Slope:	1.694

Error Coefficients

Relative Standard Deviation:	9.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	159966.0	NaN	N
2	STD1 460-991479/5	1.0	1.893276	50.0	146809.0	1.893276	Y
3	STD5 460-991479/6	5.0	8.63557	50.0	145416.0	1.727114	Y
4	STD20 460-991479/7	20.0	33.971047	50.0	152106.0	1.698552	Y
5	STD50 460-991479/8	50.0	87.280356	50.0	142048.0	1.745607	Y
6	STD200 460-991479/9	200.0	337.071833	50.0	143694.0	1.685359	Y
7	STD500 460-991479/10	500.0	707.479214	50.0	167297.0	1.414958	Y



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Calibration / 1,2,3-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

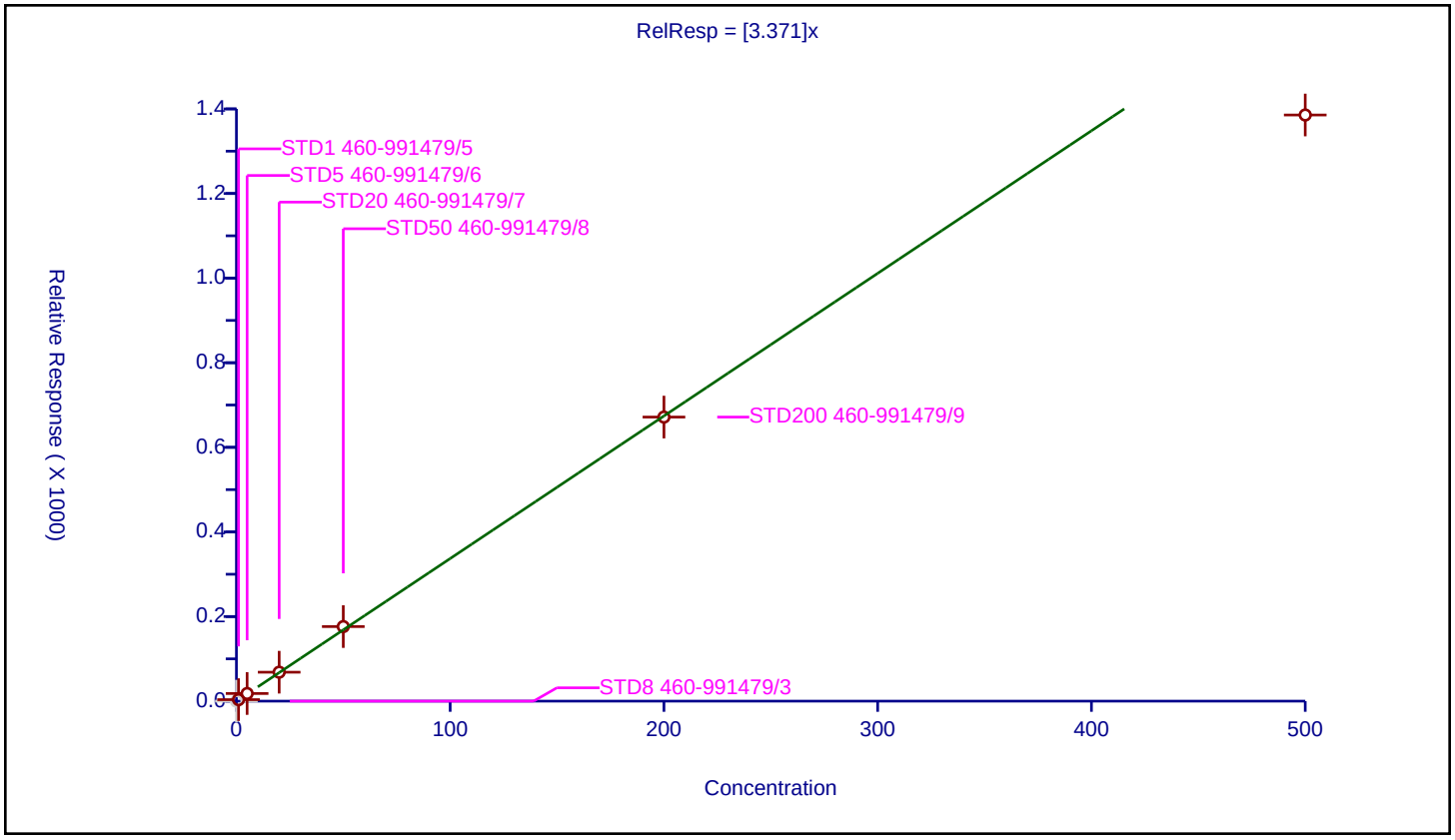
Curve Coefficients

Intercept:	0
Slope:	3.371

Error Coefficients

Relative Standard Deviation:	9.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	159966.0	NaN	N
2	STD1 460-991479/5	1.0	3.547807	50.0	146809.0	3.547807	Y
3	STD5 460-991479/6	5.0	18.015212	50.0	145416.0	3.603042	Y
4	STD20 460-991479/7	20.0	68.40953	50.0	152106.0	3.420477	Y
5	STD50 460-991479/8	50.0	176.249226	50.0	142048.0	3.524985	Y
6	STD200 460-991479/9	200.0	671.47828	50.0	143694.0	3.357391	Y
7	STD500 460-991479/10	500.0	1385.611517	50.0	167297.0	2.771223	Y



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Calibration / Benzyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

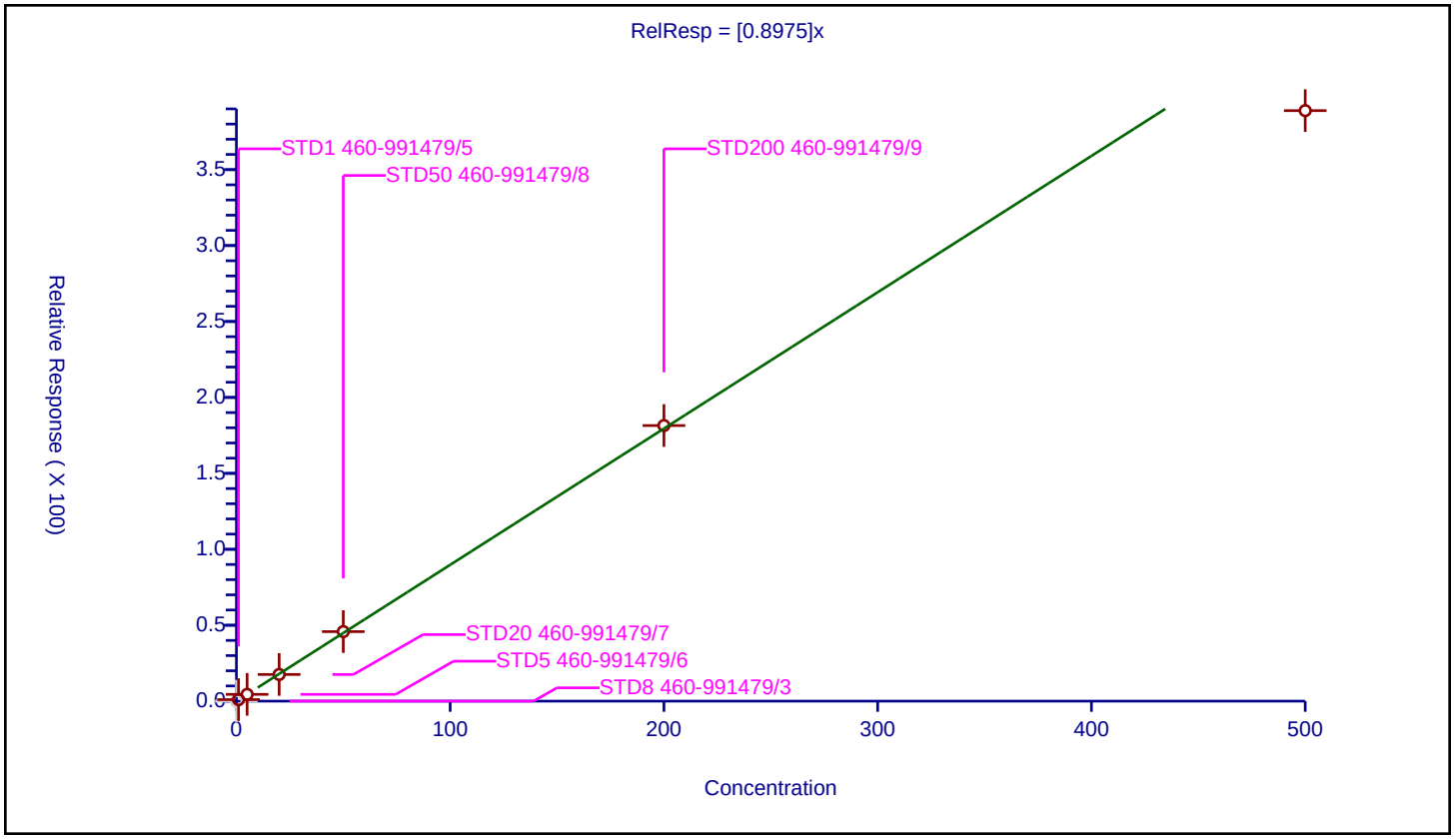
Curve Coefficients

Intercept:	0
Slope:	0.8975

Error Coefficients

Relative Standard Deviation:	8.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	159966.0	NaN	N
2	STD1 460-991479/5	1.0	1.013221	50.0	146809.0	1.013221	Y
3	STD5 460-991479/6	5.0	4.464433	50.0	145416.0	0.892887	Y
4	STD20 460-991479/7	20.0	17.566039	50.0	152106.0	0.878302	Y
5	STD50 460-991479/8	50.0	45.77854	50.0	142048.0	0.915571	Y
6	STD200 460-991479/9	200.0	181.478698	50.0	143694.0	0.907393	Y
7	STD500 460-991479/10	500.0	388.850667	50.0	167297.0	0.777701	Y



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Calibration / 2,3-Dihydroindene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

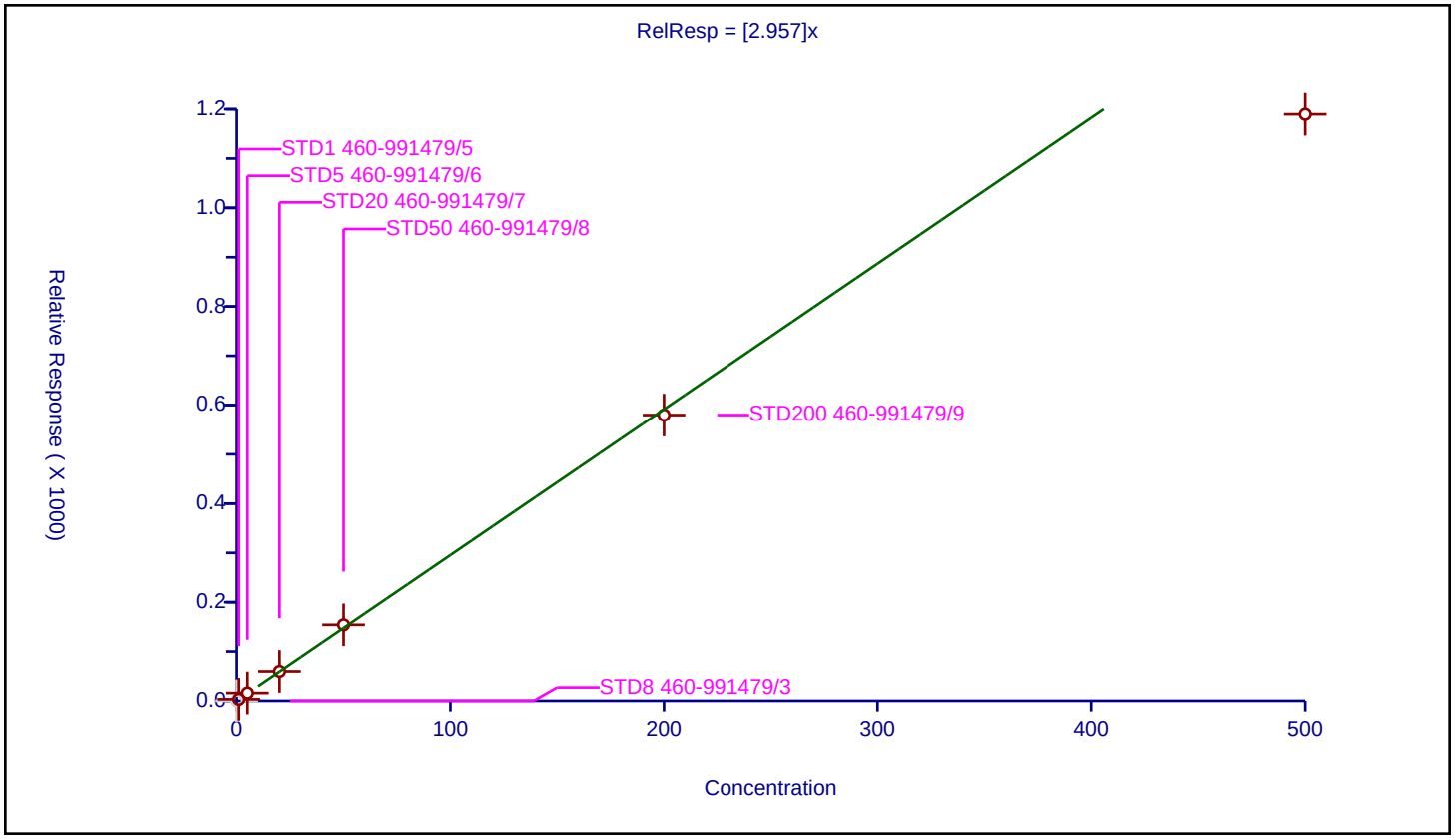
Curve Coefficients

Intercept:	0
Slope:	2.957

Error Coefficients

Relative Standard Deviation:	10.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	159966.0	NaN	N
2	STD1 460-991479/5	1.0	3.213018	50.0	146809.0	3.213018	Y
3	STD5 460-991479/6	5.0	15.912967	50.0	145416.0	3.182593	Y
4	STD20 460-991479/7	20.0	59.655766	50.0	152106.0	2.982788	Y
5	STD50 460-991479/8	50.0	154.159157	50.0	142048.0	3.083183	Y
6	STD200 460-991479/9	200.0	579.659554	50.0	143694.0	2.898298	Y
7	STD500 460-991479/10	500.0	1189.748471	50.0	167297.0	2.379497	Y



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Calibration / p-Diethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

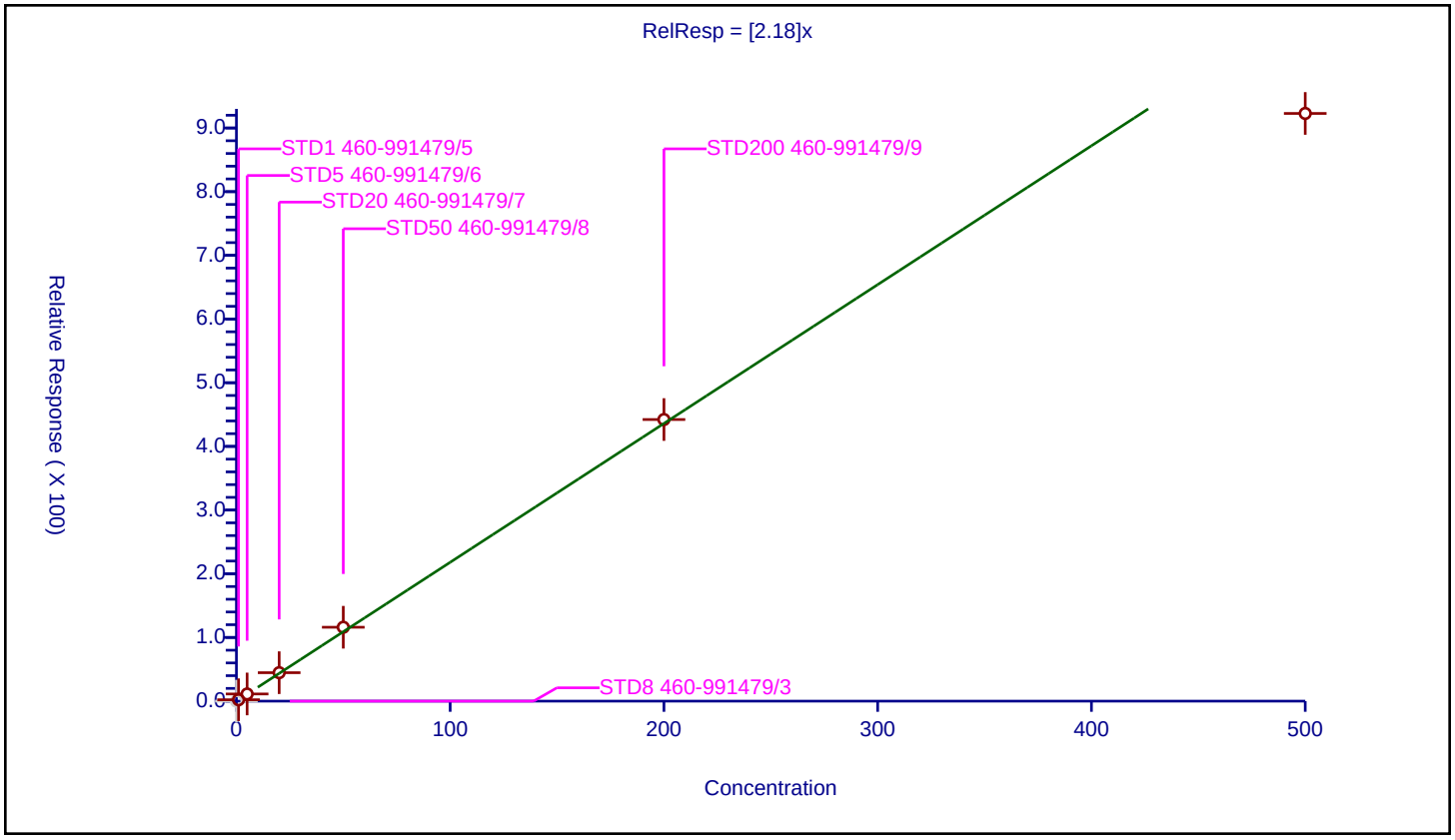
Curve Coefficients

Intercept:	0
Slope:	2.18

Error Coefficients

Relative Standard Deviation:	7.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	159966.0	NaN	N
2	STD1 460-991479/5	1.0	2.214782	50.0	146809.0	2.214782	Y
3	STD5 460-991479/6	5.0	11.268705	50.0	145416.0	2.253741	Y
4	STD20 460-991479/7	20.0	44.705337	50.0	152106.0	2.235267	Y
5	STD50 460-991479/8	50.0	116.019233	50.0	142048.0	2.320385	Y
6	STD200 460-991479/9	200.0	442.218186	50.0	143694.0	2.211091	Y
7	STD500 460-991479/10	500.0	922.863829	50.0	167297.0	1.845728	Y



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Calibration / n-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

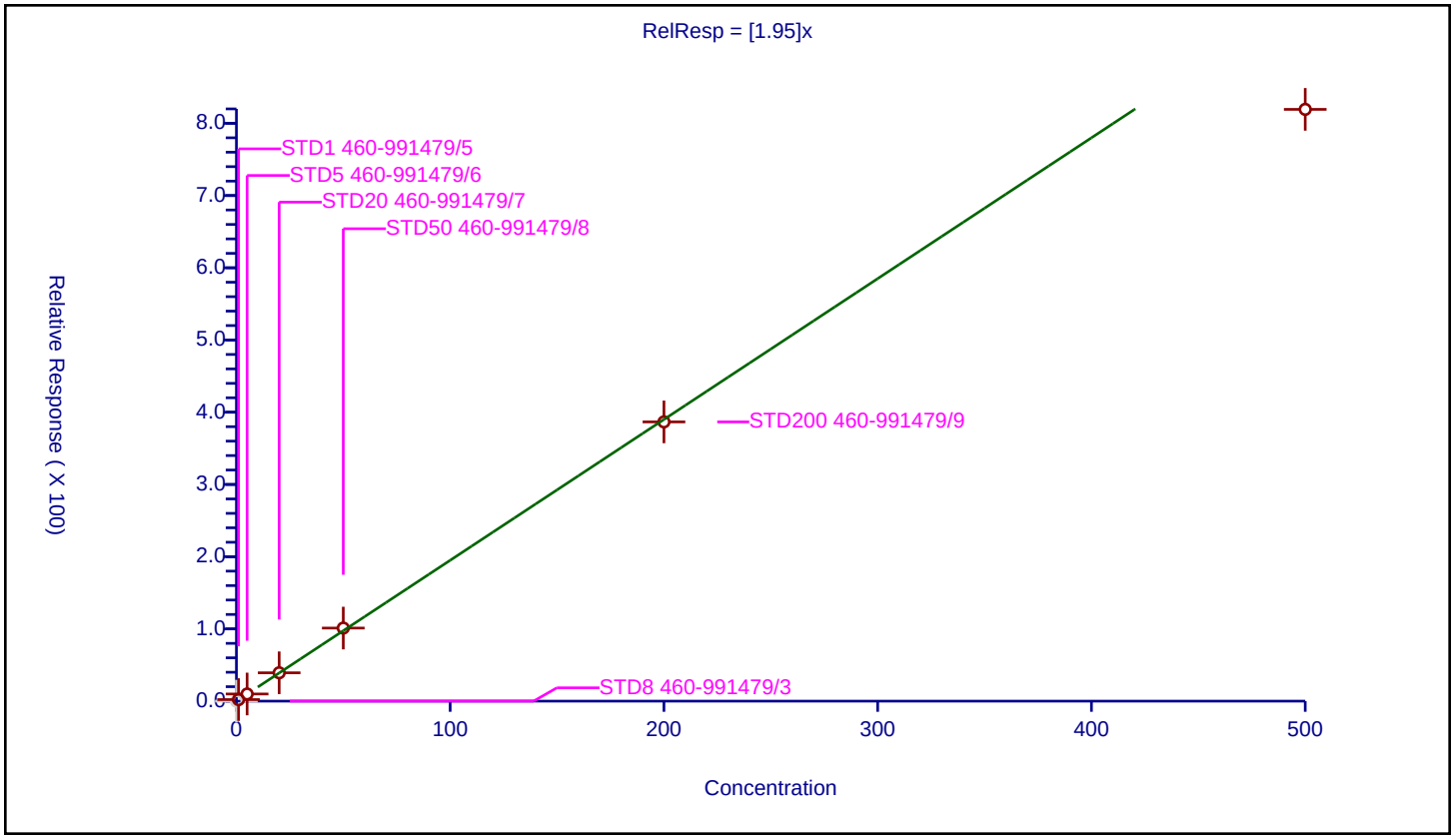
Curve Coefficients

Intercept:	0
Slope:	1.95

Error Coefficients

Relative Standard Deviation:	8.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	159966.0	NaN	N
2	STD1 460-991479/5	1.0	2.159949	50.0	146809.0	2.159949	Y
3	STD5 460-991479/6	5.0	9.912596	50.0	145416.0	1.982519	Y
4	STD20 460-991479/7	20.0	39.237111	50.0	152106.0	1.961856	Y
5	STD50 460-991479/8	50.0	101.186923	50.0	142048.0	2.023738	Y
6	STD200 460-991479/9	200.0	386.641057	50.0	143694.0	1.933205	Y
7	STD500 460-991479/10	500.0	819.321327	50.0	167297.0	1.638643	Y



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Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

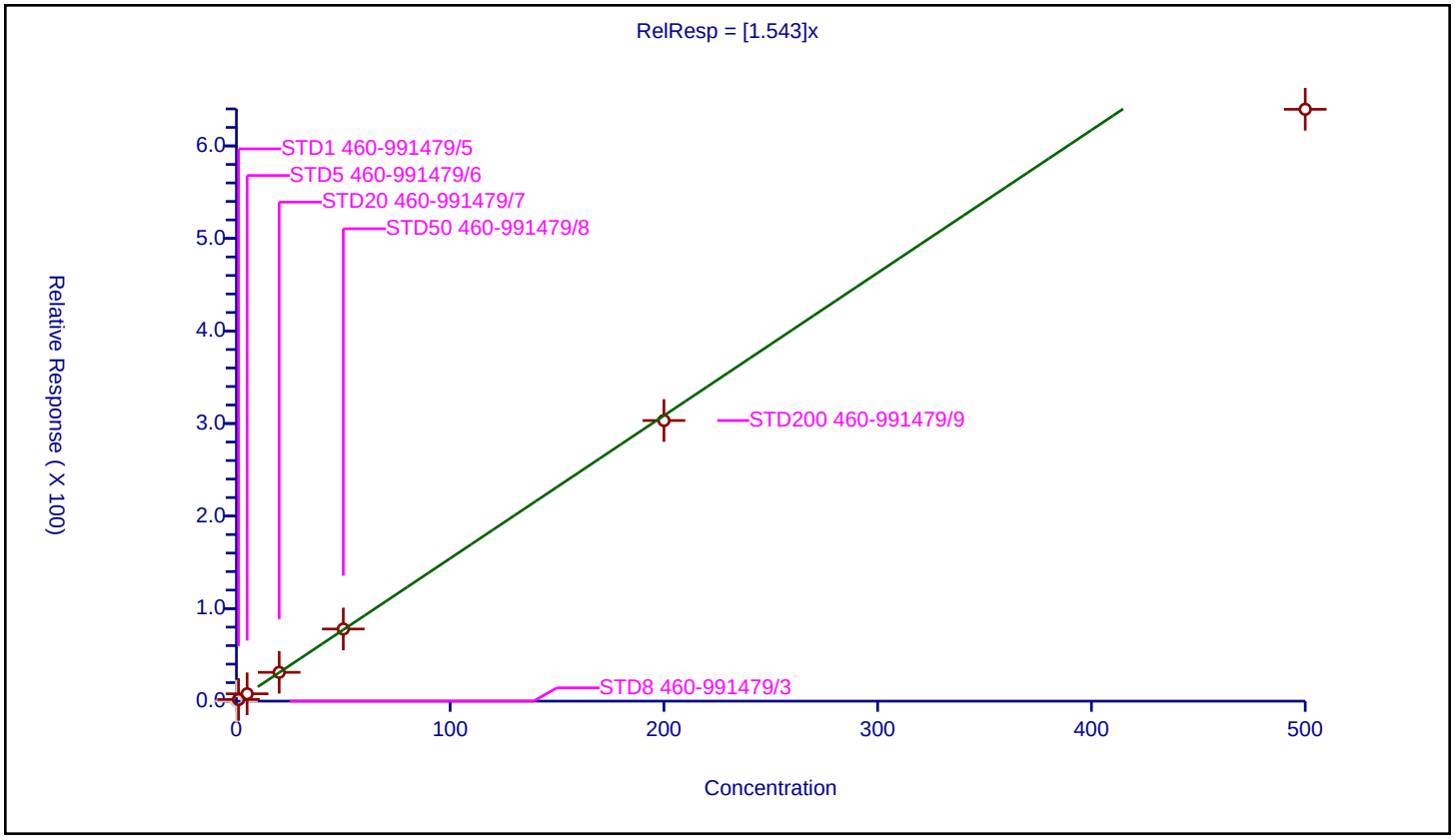
Curve Coefficients

Intercept:	0
Slope:	1.543

Error Coefficients

Relative Standard Deviation:	10.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	159966.0	NaN	N
2	STD1 460-991479/5	1.0	1.759769	50.0	146809.0	1.759769	Y
3	STD5 460-991479/6	5.0	7.931727	50.0	145416.0	1.586345	Y
4	STD20 460-991479/7	20.0	31.127306	50.0	152106.0	1.556365	Y
5	STD50 460-991479/8	50.0	77.946187	50.0	142048.0	1.558924	Y
6	STD200 460-991479/9	200.0	303.253441	50.0	143694.0	1.516267	Y
7	STD500 460-991479/10	500.0	639.573035	50.0	167297.0	1.279146	Y



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Calibration / 1,2,4,5-Tetramethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

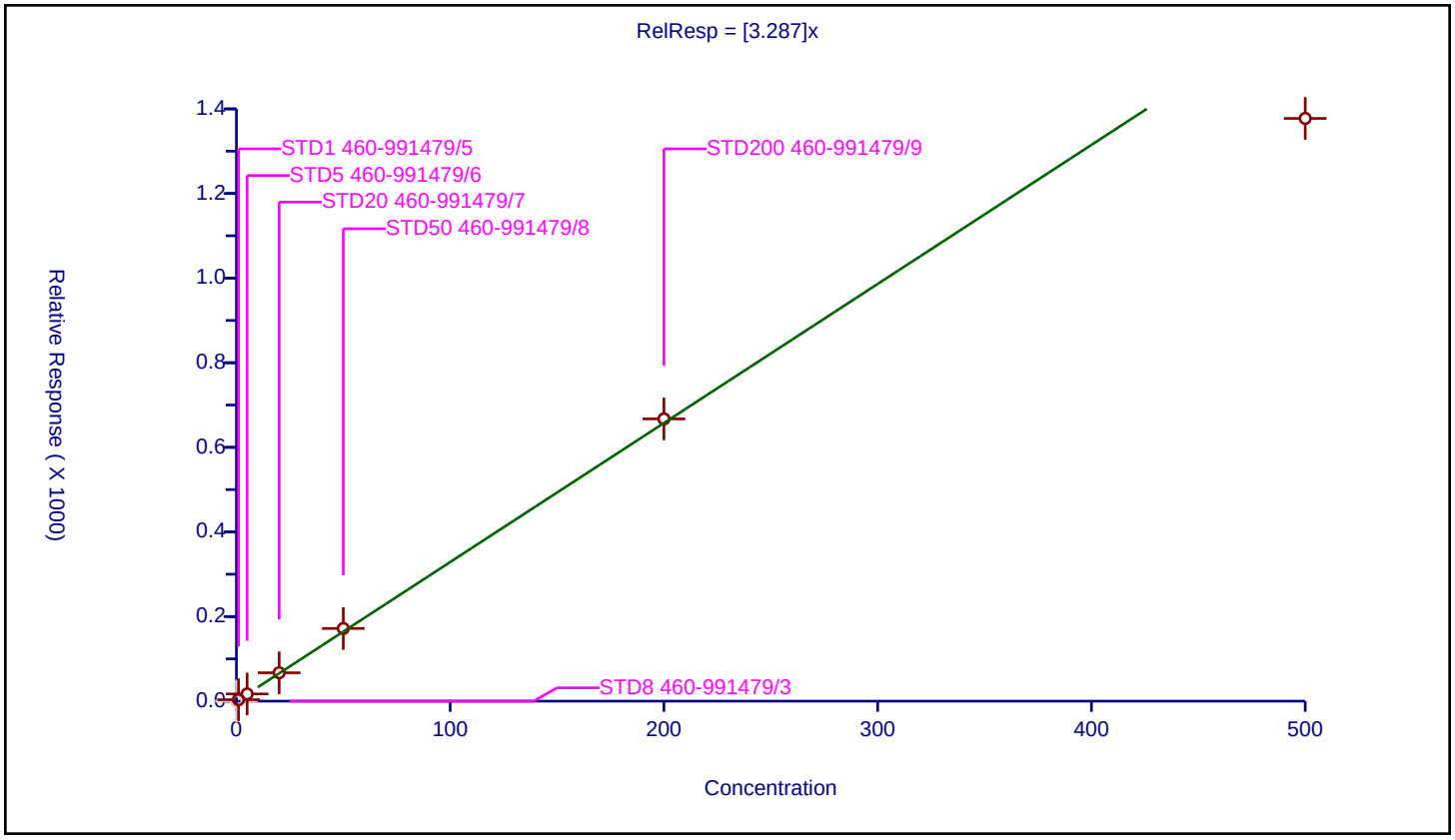
Curve Coefficients

Intercept:	0
Slope:	3.287

Error Coefficients

Relative Standard Deviation:	8.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	159966.0	NaN	N
2	STD1 460-991479/5	1.0	3.434735	50.0	146809.0	3.434735	Y
3	STD5 460-991479/6	5.0	17.03217	50.0	145416.0	3.406434	Y
4	STD20 460-991479/7	20.0	67.110436	50.0	152106.0	3.355522	Y
5	STD50 460-991479/8	50.0	171.769402	50.0	142048.0	3.435388	Y
6	STD200 460-991479/9	200.0	667.201832	50.0	143694.0	3.336009	Y
7	STD500 460-991479/10	500.0	1377.489136	50.0	167297.0	2.754978	Y



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Calibration / 1,2-Dibromo-3-Chloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

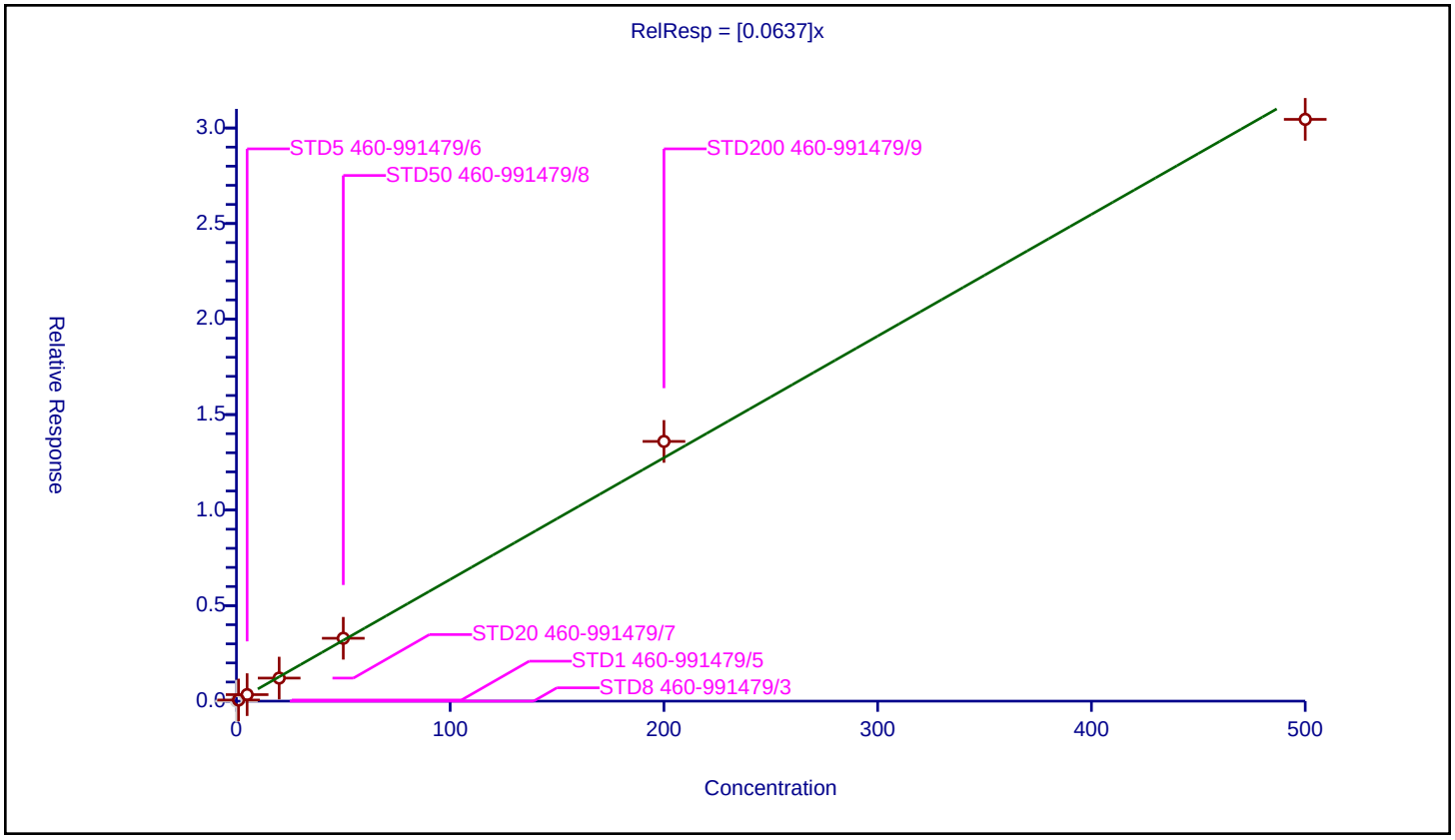
Curve Coefficients

Intercept:	0
Slope:	0.0637

Error Coefficients

Relative Standard Deviation:	6.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	159966.0	NaN	N
2	STD1 460-991479/5	1.0	0.05892	50.0	146809.0	0.05892	Y
3	STD5 460-991479/6	5.0	0.34109	50.0	145416.0	0.068218	Y
4	STD20 460-991479/7	20.0	1.206724	50.0	152106.0	0.060336	Y
5	STD50 460-991479/8	50.0	3.291141	50.0	142048.0	0.065823	Y
6	STD200 460-991479/9	200.0	13.595209	50.0	143694.0	0.067976	Y
7	STD500 460-991479/10	500.0	30.452728	50.0	167297.0	0.060905	Y



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Calibration / 1,3,5-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

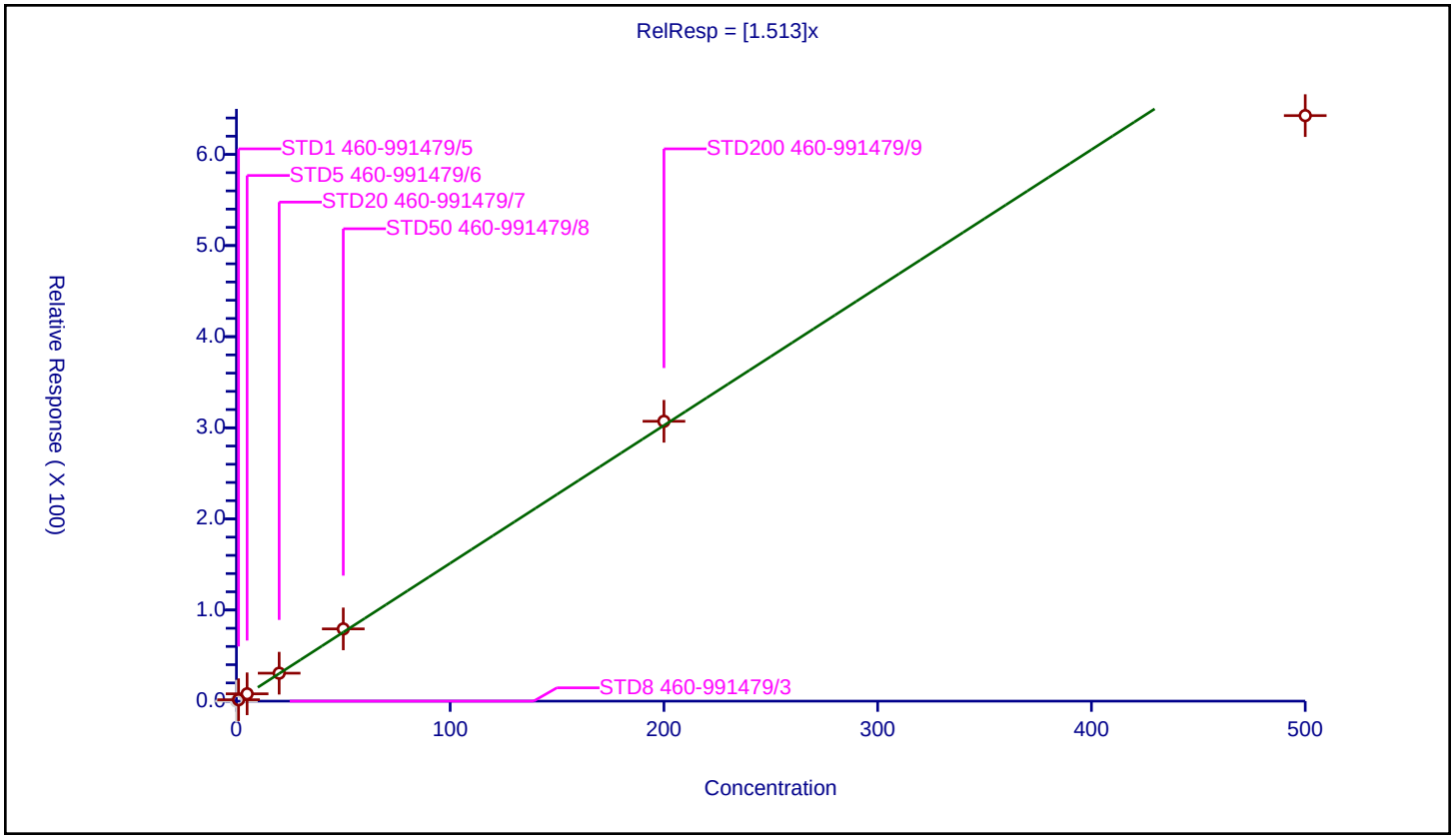
Curve Coefficients

Intercept:	0
Slope:	1.513

Error Coefficients

Relative Standard Deviation:	7.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	159966.0	NaN	N
2	STD1 460-991479/5	1.0	1.529538	50.0	146809.0	1.529538	Y
3	STD5 460-991479/6	5.0	8.044507	50.0	145416.0	1.608901	Y
4	STD20 460-991479/7	20.0	30.671703	50.0	152106.0	1.533585	Y
5	STD50 460-991479/8	50.0	79.283763	50.0	142048.0	1.585675	Y
6	STD200 460-991479/9	200.0	307.139477	50.0	143694.0	1.535697	Y
7	STD500 460-991479/10	500.0	642.648105	50.0	167297.0	1.285296	Y



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Calibration / 1,2,4-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

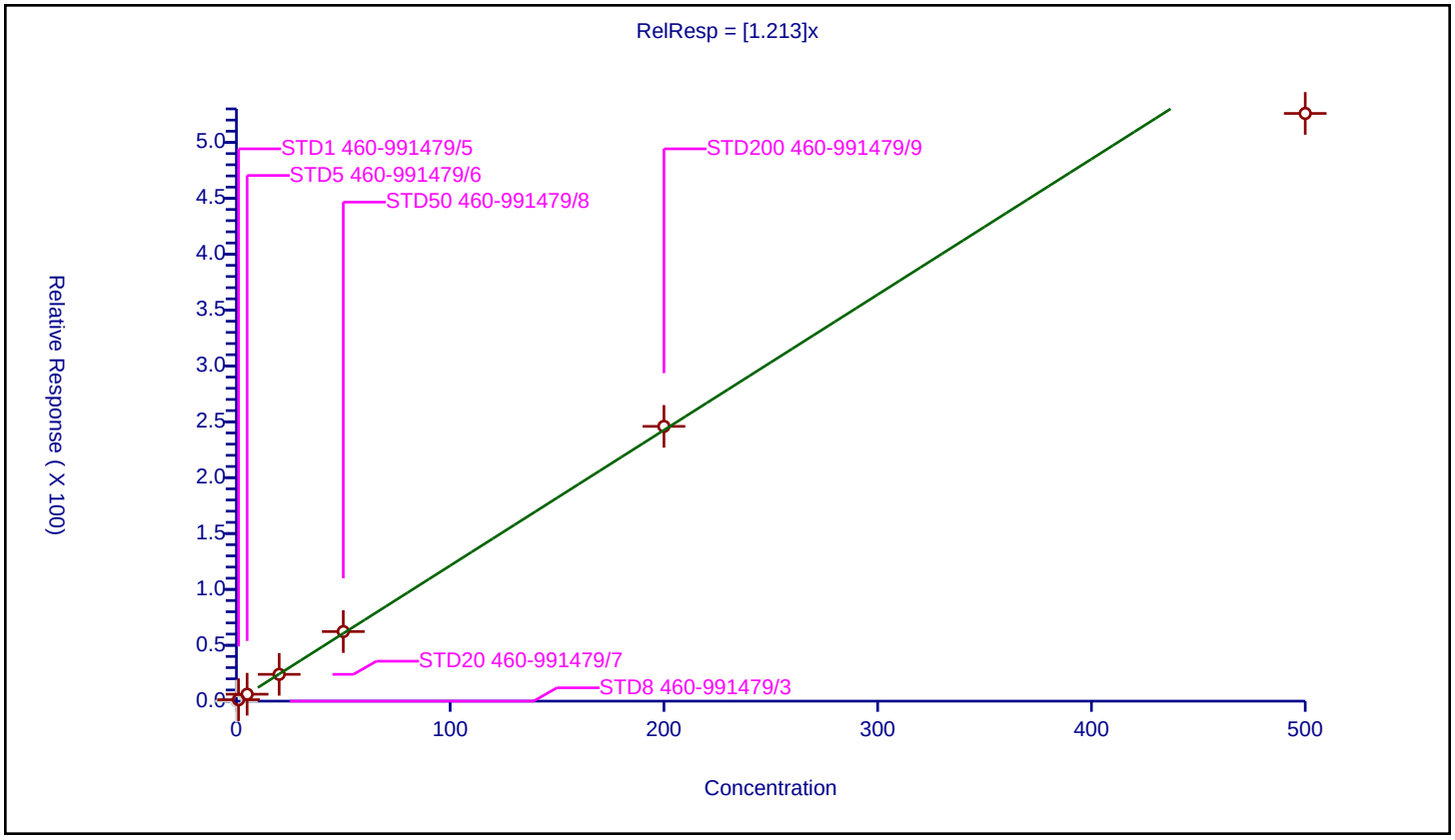
Curve Coefficients

Intercept:	0
Slope:	1.213

Error Coefficients

Relative Standard Deviation:	7.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	159966.0	NaN	N
2	STD1 460-991479/5	1.0	1.309184	50.0	146809.0	1.309184	Y
3	STD5 460-991479/6	5.0	6.205644	50.0	145416.0	1.241129	Y
4	STD20 460-991479/7	20.0	23.988206	50.0	152106.0	1.19941	Y
5	STD50 460-991479/8	50.0	62.272964	50.0	142048.0	1.245459	Y
6	STD200 460-991479/9	200.0	245.90136	50.0	143694.0	1.229507	Y
7	STD500 460-991479/10	500.0	525.93591	50.0	167297.0	1.051872	Y



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Calibration / Hexachlorobutadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

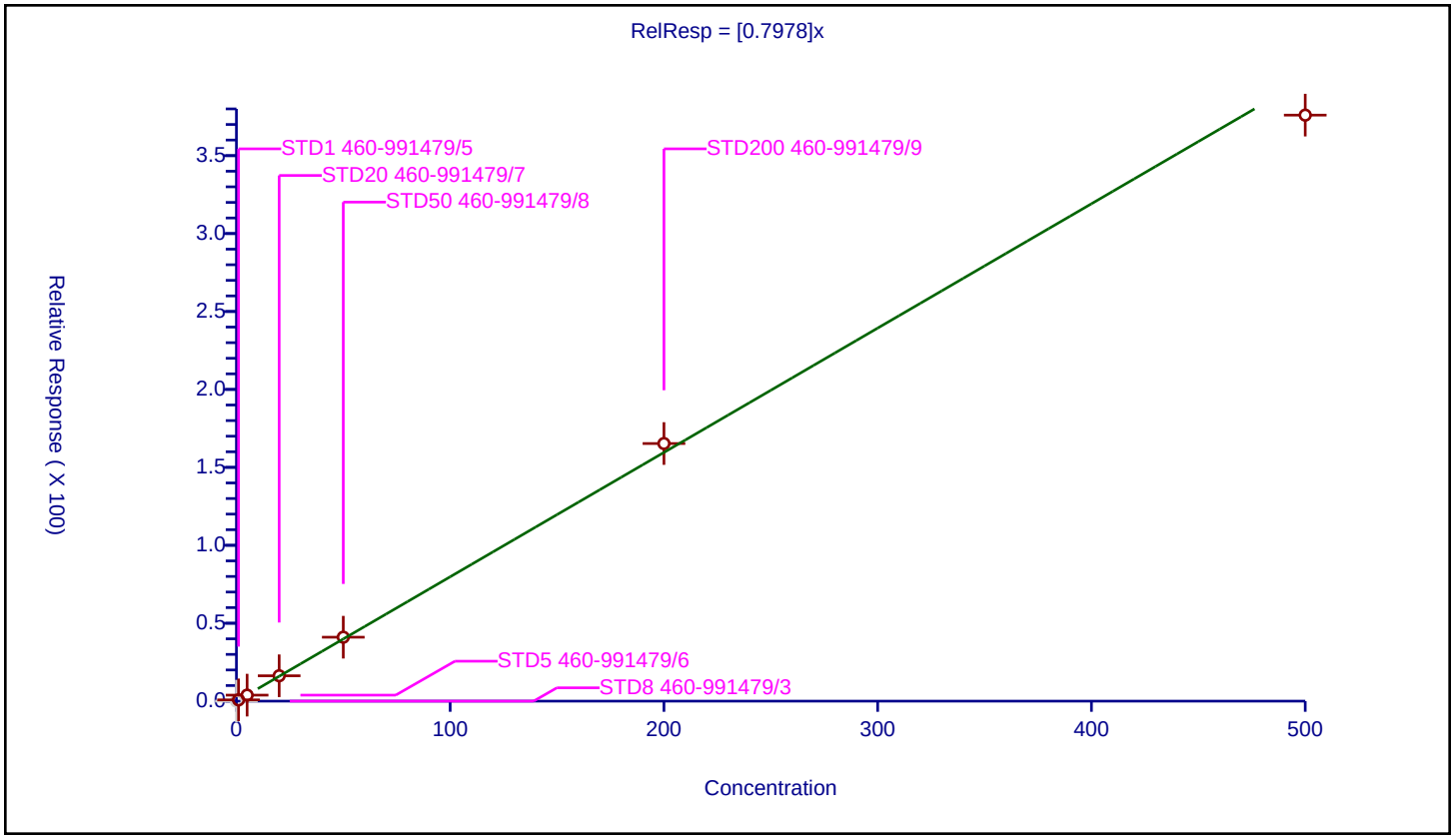
Curve Coefficients

Intercept:	0
Slope:	0.7978

Error Coefficients

Relative Standard Deviation:	3.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	159966.0	NaN	N
2	STD1 460-991479/5	1.0	0.804106	50.0	146809.0	0.804106	Y
3	STD5 460-991479/6	5.0	3.849645	50.0	145416.0	0.769929	Y
4	STD20 460-991479/7	20.0	16.280752	50.0	152106.0	0.814038	Y
5	STD50 460-991479/8	50.0	41.025217	50.0	142048.0	0.820504	Y
6	STD200 460-991479/9	200.0	165.288391	50.0	143694.0	0.826442	Y
7	STD500 460-991479/10	500.0	375.998374	50.0	167297.0	0.751997	Y



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Calibration / Naphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

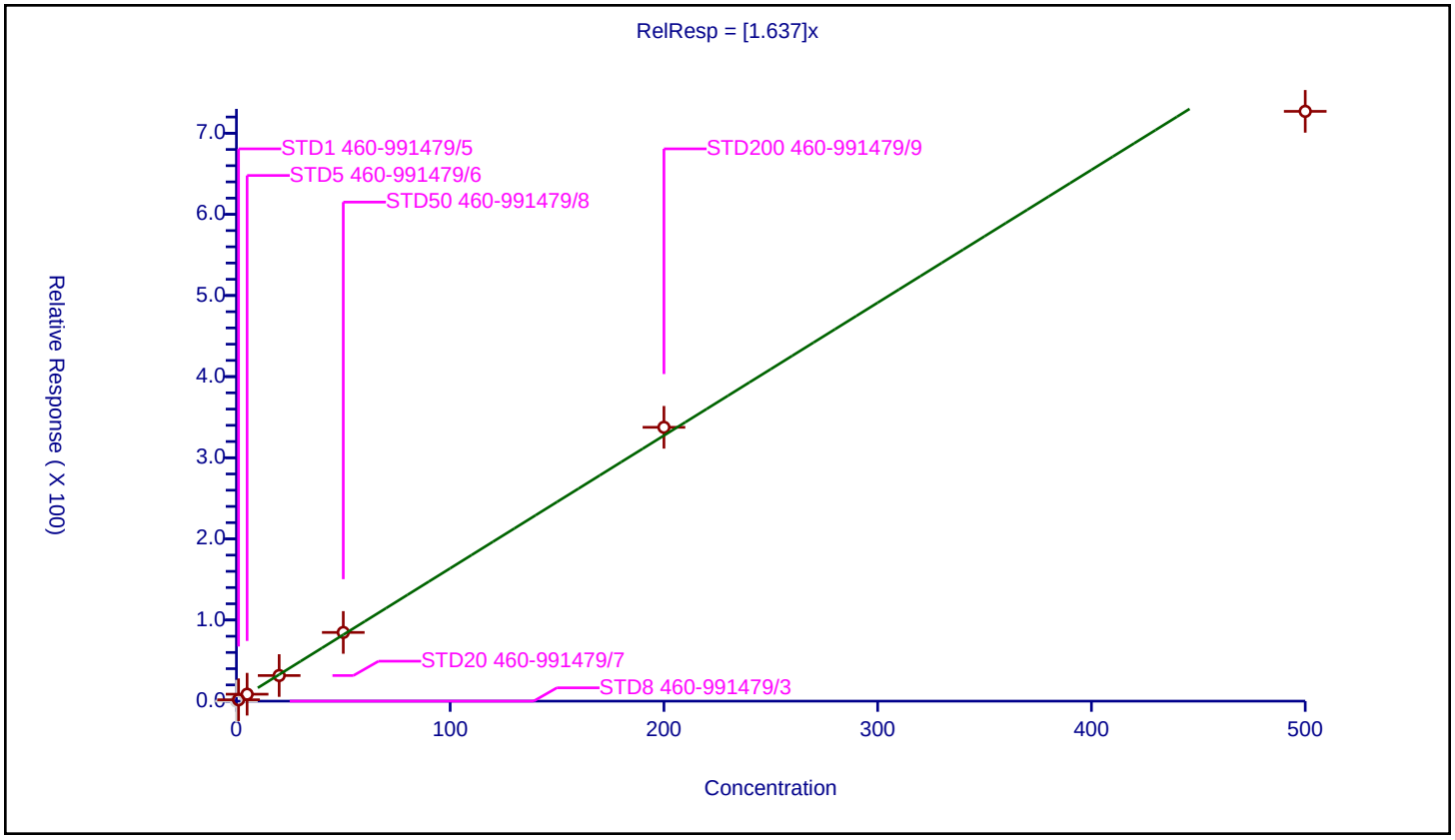
Curve Coefficients

Intercept:	0
Slope:	1.637

Error Coefficients

Relative Standard Deviation:	6.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	159966.0	NaN	N
2	STD1 460-991479/5	1.0	1.700509	50.0	146809.0	1.700509	Y
3	STD5 460-991479/6	5.0	8.547203	50.0	145416.0	1.709441	Y
4	STD20 460-991479/7	20.0	31.551352	50.0	152106.0	1.577568	Y
5	STD50 460-991479/8	50.0	84.672787	50.0	142048.0	1.693456	Y
6	STD200 460-991479/9	200.0	337.515484	50.0	143694.0	1.687577	Y
7	STD500 460-991479/10	500.0	726.96731	50.0	167297.0	1.453935	Y



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Calibration / 1,2,3-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

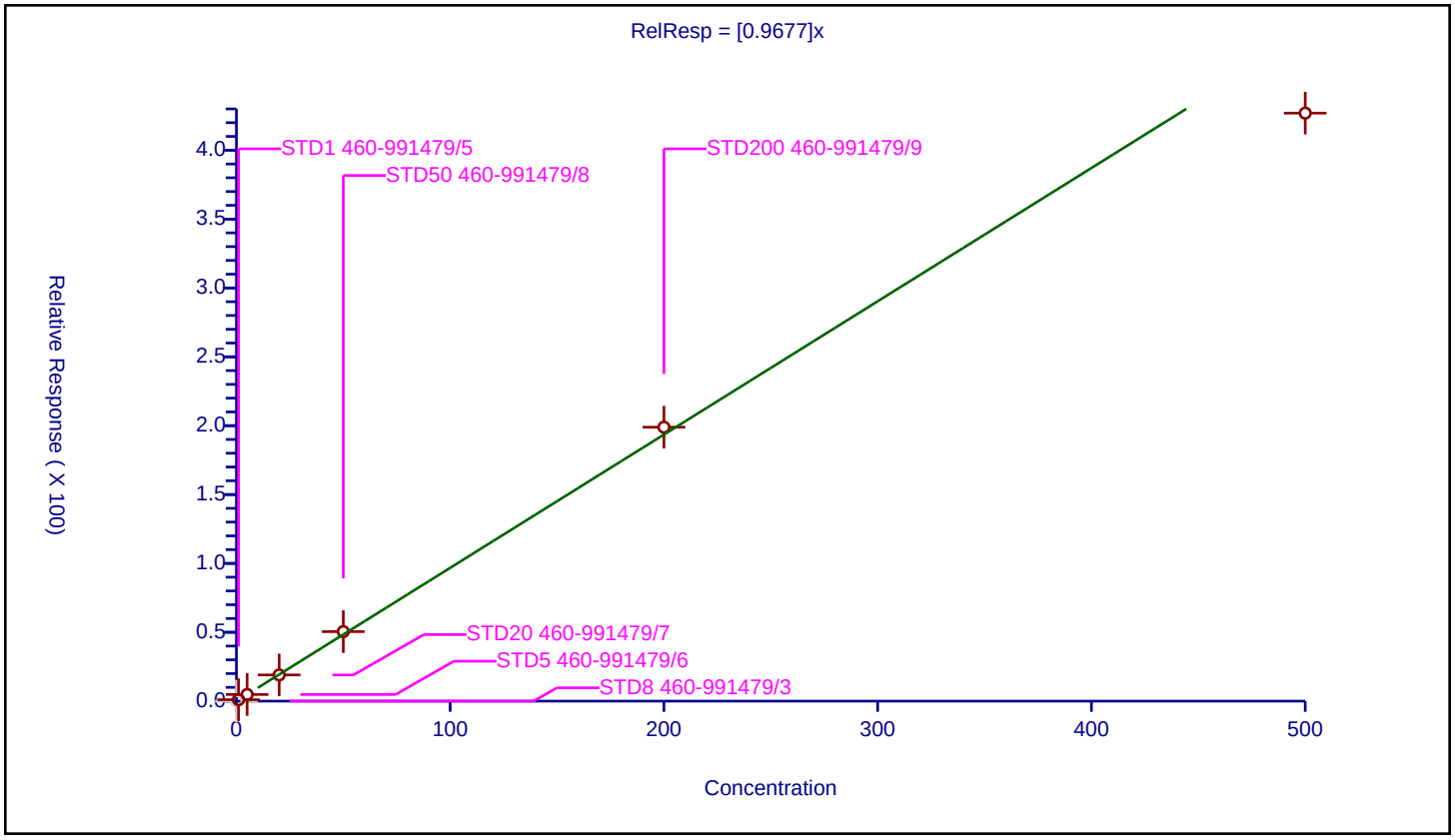
Curve Coefficients

Intercept:	0
Slope:	0.9677

Error Coefficients

Relative Standard Deviation:	6.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-991479/3	0.0	0.0	50.0	159966.0	NaN	N
2	STD1 460-991479/5	1.0	1.031272	50.0	146809.0	1.031272	Y
3	STD5 460-991479/6	5.0	4.827529	50.0	145416.0	0.965506	Y
4	STD20 460-991479/7	20.0	19.027849	50.0	152106.0	0.951392	Y
5	STD50 460-991479/8	50.0	50.487159	50.0	142048.0	1.009743	Y
6	STD200 460-991479/9	200.0	198.899049	50.0	143694.0	0.994495	Y
7	STD500 460-991479/10	500.0	426.925468	50.0	167297.0	0.853851	Y



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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-309671-1 Analy Batch No.: 992189

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/23/2024 14:48 Calibration End Date: 08/23/2024 16:52 Calibration ID: 98389

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-992189/3	B14058.D
Level 2	STD5 460-992189/4	B14059.D
Level 3	STD20 460-992189/5	B14060.D
Level 4	STD50 460-992189/6	B14061.D
Level 5	STD200 460-992189/7	B14062.D
Level 6	STD500 460-992189/8	B14063.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Chlorodifluoromethane	0.0669 0.0391	0.0396	0.0436	0.0423	0.0416	Lin2	0.0260	0.0400							0.9940		0.9900
Dichlorodifluoromethane	0.2720 0.3586	0.3566	0.3962	0.3351	0.3781	Ave		0.3494			0.1000	12.4		20.0			
Chloromethane	0.3759 0.3346	0.3731	0.3970	0.3462	0.3518	Ave		0.3631			0.1000	6.3		20.0			
Vinyl chloride	0.2372 0.2490	0.2671	0.3037	0.2562	0.2698	Ave		0.2638			0.1000	8.7		20.0			
Butadiene	0.2221 0.2472	0.2648	0.2997	0.2510	0.2711	Ave		0.2593				10.1		20.0			
Bromomethane	0.1966 0.1352	0.2270	0.2099	0.1655	0.1705	Ave		0.1841			0.1000	18.1		20.0			
Chloroethane	0.1681 0.1050	0.1719	0.1718	0.1323	0.1364	Ave		0.1476			0.1000	18.6		20.0			
Dichlorofluoromethane	0.4221 0.3246	0.4520	0.4692	0.3841	0.4015	Ave		0.4089				12.7		20.0			
Pentane	0.3313 0.2512	0.3140	0.3467	0.3149	0.2977	Ave		0.3093				10.7		20.0			
Trichlorofluoromethane	0.2074 0.2102	0.2309	0.2588	0.2032	0.2303	Ave		0.2235			0.1000	9.4		20.0			
Ethanol	0.0341 0.0223	0.0274	0.0323	0.0302	0.0256	Ave		0.0286				15.3		20.0			
Ethyl ether	0.3188 0.1554	0.2165	0.1878	0.1755	0.1691	Lin2	0.1503	0.1719							0.9960		0.9900
2-Methyl-1,3-butadiene	0.2359 0.1897	0.2249	0.2559	0.2222	0.2018	Ave		0.2217				10.7		20.0			
1,2-Dichloro-1,1,2-trifluoroethane	0.1799 0.1576	0.1771	0.1928	0.1729	0.1735	Ave		0.1756				6.5		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-309671-1 Analy Batch No.: 992189

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/23/2024 14:48 Calibration End Date: 08/23/2024 16:52 Calibration ID: 98389

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Acrolein	1.4155 1.0070	1.2900	1.2628	1.2025	0.9681	Ave		1.1910				14.5		20.0			
1,1,1-Trifluoro-2,2-dichloroethane	0.3131 0.2773	0.3220	0.3457	0.3165	0.3039	Ave		0.3131				7.2		20.0			
1,1-Dichloroethene	0.2137 0.2119	0.2169	0.2381	0.2237	0.2163	Ave		0.2201			0.1000	4.4		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.1924 0.2297	0.2311	0.2492	0.2350	0.2320	Ave		0.2283			0.1000	8.3		20.0			
Acetone	1.1378 0.5495	0.8309	0.6390	0.6048	0.5749	Qua2	2.5598	0.6416	-0.000043		0.0500				0.9930		0.9900
Iodomethane	0.3719 0.3975	0.4051	0.4202	0.3993	0.3921	Ave		0.3977				4.0		20.0			
Carbon disulfide	0.9067 1.0172	1.0107	1.0839	1.0092	0.9851	Ave		1.0021			0.1000	5.7		20.0			
Isopropyl alcohol	0.4105 0.5243	0.4871	0.4743	0.4050	0.3942	Ave		0.4493				11.9		20.0			
3-Chloro-1-propene	0.2698 0.3293	0.3061	0.3116	0.2966	0.2949	Ave		0.3014				6.6		20.0			
Acetonitrile	0.3951 0.3370	0.4357	0.3903	0.4424	0.3639	Ave		0.3941				10.3		20.0			
Methyl acetate	0.1651 0.2109	0.2112	0.2069	0.1956	0.2001	Ave		0.1983			0.1000	8.8		20.0			
Methylene Chloride	0.3500 0.2610	0.3019	0.2938	0.2696	0.2583	Ave		0.2891			0.1000	12.0		20.0			
2-Methyl-2-propanol	1.4450 1.0435	1.0089	0.9930	1.0427	1.0385	Ave		1.0953				15.8		20.0			
Acrylonitrile	3.3326 2.6502	3.1171	3.0801	3.0165	2.7463	Ave		2.9905				8.4		20.0			
trans-1,2-Dichloroethene	0.2157 0.2237	0.2463	0.2551	0.2381	0.2284	Ave		0.2345			0.1000	6.3		20.0			
MTBE	0.7384 0.7029	0.7482	0.7631	0.7211	0.7088	Ave		0.7304			0.1000	3.2		20.0			
Hexane	0.3383 0.3616	0.3622	0.3753	0.3671	0.3639	Ave		0.3614				3.4		20.0			
1,1-Dichloroethane	0.4078 0.4248	0.4522	0.4602	0.4300	0.4221	Ave		0.4329			0.2000	4.6		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-309671-1 Analy Batch No.: 992189

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/23/2024 14:48 Calibration End Date: 08/23/2024 16:52 Calibration ID: 98389

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Vinyl acetate	0.3036 0.3121	0.2674	0.2799	0.3050	0.2795	Ave		0.2913				6.2		20.0			
2-Chloro-1,3-butadiene	0.1948 0.1984	0.2080	0.2170	0.2081	0.2026	Ave		0.2048				3.9		20.0			
Isopropyl ether	0.7783 0.7170	0.7756	0.7960	0.7464	0.7198	Ave		0.7555				4.3		20.0			
Tert-butyl ethyl ether	0.3010 0.3059	0.2960	0.3097	0.2982	0.3001	Ave		0.3018				1.7		20.0			
cis-1,2-Dichloroethene	0.2614 0.2503	0.2641	0.2685	0.2604	0.2521	Ave		0.2595			0.1000	2.7		20.0			
2,2-Dichloropropane	0.1194 0.1042	0.0990	0.0994	0.0976	0.1025	Ave		0.1037				7.8		20.0			
2-Butanone (MEK)	0.3288 0.2442	0.2573	0.2435	0.2463	0.2454	Ave		0.2609			0.0500	12.9		20.0			
Ethyl acetate	2.4867 2.0406	2.3626	2.6770	1.7453	1.7991	Ave		2.1852				17.5		20.0			
Propionitrile	0.3960 0.3033	0.3412	0.3145	0.3107	0.3038	Ave		0.3282				11.0		20.0			
Methyl acrylate	0.3081 0.2811	0.2732	0.2893	0.2787	0.2792	Ave		0.2849				4.4		20.0			
Chlorobromomethane	0.1010 0.1090	0.1217	0.1280	0.1187	0.1142	Ave		0.1154				8.3		20.0			
Methacrylonitrile	0.1118 0.0929	0.1057	0.1057	0.1001	0.0983	Ave		0.1024				6.5		20.0			
Tetrahydrofuran	1.0043 0.7736	0.9222	0.8253	0.7922	0.7677	Ave		0.8475				11.3		20.0			
Chloroform	0.4263 0.4019	0.4142	0.4283	0.4077	0.4015	Ave		0.4133			0.2000	2.9		20.0			
1,1,1-Trichloroethane	0.2788 0.3326	0.3186	0.3276	0.3191	0.3245	Ave		0.3169			0.1000	6.1		20.0			
Cyclohexane	0.3206 0.3570	0.3593	0.3834	0.3617	0.3550	Ave		0.3562			0.1000	5.7		20.0			
1,1-Dichloropropene	0.2802 0.3112	0.3113	0.3260	0.3157	0.3142	Ave		0.3097				5.0		20.0			
Carbon tetrachloride	0.1996 0.2693	0.2295	0.2394	0.2407	0.2566	Ave		0.2392			0.1000	10.0		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-309671-1 Analy Batch No.: 992189

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/23/2024 14:48 Calibration End Date: 08/23/2024 16:52 Calibration ID: 98389

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Benzene	1.4213 1.2933	1.4291	1.4498	1.3608	1.3157	Ave		1.3783			0.5000	4.7		20.0			
Isobutyl alcohol	0.2516 0.1967	0.1934	0.1742	0.1996	0.2067	Ave		0.2037				12.7		20.0			
1,2-Dichloroethane	0.3430 0.3085	0.3217	0.3187	0.3098	0.3075	Ave		0.3182			0.1000	4.2		20.0			
Isooctane	0.8339 1.0025	0.9616	1.0087	1.0223	0.9927	Ave		0.9703				7.2		20.0			
Isopropyl acetate	0.0874 0.0897	0.0896	0.0877	0.0890	0.0931	Ave		0.0894				2.3		20.0			
Tert-amyl methyl ether	0.8649 0.8807	0.8254	0.8694	0.8514	0.8822	Ave		0.8623				2.5		20.0			
n-Heptane	0.3149 0.3611	0.3489	0.3691	0.3636	0.3624	Ave		0.3533				5.7		20.0			
Trichloroethene	0.2281 0.2377	0.2212	0.2380	0.2342	0.2398	Ave		0.2332			0.2000	3.1		20.0			
n-Butanol	+++++ 0.1108	0.0891	0.0910	0.0984	0.1157	Ave		0.1010				11.7		20.0			
Ethyl acrylate	0.5775 0.6548	0.6067	0.6386	0.6332	0.6498	Ave		0.6268				4.7		20.0			
Methylcyclohexane	0.3582 0.4216	0.4315	0.4460	0.4370	0.4278	Ave		0.4204			0.1000	7.5		20.0			
1,2-Dichloropropane	0.2437 0.2340	0.2363	0.2456	0.2385	0.2376	Ave		0.2393			0.1000	1.9		20.0			
Dibromomethane	0.1513 0.1435	0.1444	0.1476	0.1449	0.1450	Ave		0.1461				2.0		20.0			
1,4-Dioxane	1.1592 0.9372	1.2402	1.0824	1.1236	1.0377	Ave		1.0967				9.5		20.0			
Methyl methacrylate	0.0505 0.0621	0.0517	0.0566	0.0573	0.0613	Ave		0.0566				8.4		20.0			
n-Propyl acetate	0.3252 0.3269	0.2938	0.2910	0.2982	0.3200	Ave		0.3092				5.4		20.0			
Dichlorobromomethane	0.2583 0.2989	0.2329	0.2560	0.2641	0.2848	Ave		0.2658			0.2000	8.7		20.0			
2-Nitropropane	0.0535 0.0583	0.0393	0.0361	0.0403	0.0527	Ave		0.0467				19.7		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-309671-1 Analy Batch No.: 992189

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/23/2024 14:48 Calibration End Date: 08/23/2024 16:52 Calibration ID: 98389

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
2-Chloroethyl vinyl ether	0.1468 0.1546	0.1305	0.1423	0.1436	0.1514	Ave		0.1449				5.8		20.0			
Epichlorohydrin	0.2291 0.2256	0.2013	0.2065	0.2146	0.2224	Ave		0.2166				5.1		20.0			
cis-1,3-Dichloropropene	0.4579 0.5500	0.4438	0.4887	0.5132	0.5374	Ave		0.4985			0.2000	8.6		20.0			
4-Methyl-2-pentanone (MIBK)	2.3010 1.9575	1.9743	2.0276	2.0328	1.9771	Ave		2.0451			0.0500	6.3		20.0			
Toluene	1.4371 1.3319	1.3857	1.3842	1.3267	1.3199	Ave		1.3642			0.4000	3.4		20.0			
trans-1,3-Dichloropropene	0.3768 0.4731	0.3281	0.3816	0.4076	0.4508	Ave		0.4030			0.1000	13.1		20.0			
Ethyl methacrylate	0.2582 0.3091	0.2443	0.2607	0.2809	0.3040	Ave		0.2762				9.5		20.0			
1,1,2-Trichloroethane	0.2700 0.2375	0.2385	0.2475	0.2400	0.2392	Ave		0.2454			0.1000	5.1		20.0			
Tetrachloroethene	0.2913 0.2970	0.2962	0.3031	0.2993	0.2997	Ave		0.2978			0.2000	1.3		20.0			
1,3-Dichloropropane	0.5640 0.4803	0.4814	0.4858	0.4766	0.4795	Ave		0.4946				6.9		20.0			
2-Hexanone	1.6565 1.3201	1.2536	1.2828	1.3219	1.3147	Ave		1.3583			0.0500	10.9		20.0			
Chlorodibromomethane	0.2230 0.3002	0.1935	0.2246	0.2415	0.2806	Ave		0.2439			0.1000	16.3		20.0			
Ethylene Dibromide	0.2620 0.2788	0.2577	0.2739	0.2734	0.2804	Ave		0.2710			0.1000	3.4		20.0			
n-Butyl acetate	0.6837 0.4821	0.4502	0.4751	0.4641	0.4852	Ave		0.5067				17.3		20.0			
Chlorobenzene	0.8900 0.8026	0.8118	0.8369	0.8036	0.8064	Ave		0.8252			0.5000	4.1		20.0			
1,1,1,2-Tetrachloroethane	0.2569 0.3016	0.2456	0.2741	0.2752	0.2955	Ave		0.2748				7.8		20.0			
Ethylbenzene	0.4811 0.4257	0.4306	0.4579	0.4481	0.4346	Ave		0.4463			0.1000	4.7		20.0			
m-Xylene & p-Xylene	0.5573 0.5277	0.5325	0.5603	0.5387	0.5391	Ave		0.5426			0.1000	2.4		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-309671-1 Analy Batch No.: 992189

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/23/2024 14:48 Calibration End Date: 08/23/2024 16:52 Calibration ID: 98389

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
o-Xylene	0.5783 0.5093	0.5698	0.5887	0.5647	0.5363	Ave		0.5578			0.3000	5.3		20.0			
Styrene	1.0299 0.8411	0.8818	0.9370	0.9159	0.8874	Ave		0.9155			0.3000	7.1		20.0			
n-Butyl acrylate	0.2614 0.2337	0.2140	0.2299	0.2298	0.2373	Ave		0.2344				6.6		20.0			
Bromoform	0.1300 +++++	0.1116	0.1285	0.1369	0.1759	Ave		0.1366			0.1000	17.5		20.0			
Amyl acetate (mixed isomers)	1.3876 1.1963	0.9296	1.0219	1.0119	1.1008	Ave		1.1080				14.8		20.0			
Isopropylbenzene	1.3094 1.3053	1.3447	1.4217	1.3599	1.3250	Ave		1.3443			0.1000	3.2		20.0			
Bromobenzene	0.6917 0.7279	0.6146	0.6526	0.6481	0.6727	Ave		0.6680				5.9		20.0			
1,1,2,2-Tetrachloroethane	0.9291 0.8762	0.7711	0.8058	0.7914	0.8205	Ave		0.8323			0.3000	7.1		20.0			
1,2,3-Trichloropropane	0.2567 0.2296	0.2184	0.2167	0.2120	0.2186	Ave		0.2253				7.3		20.0			
trans-1,4-Dichloro-2-butene	0.2349 0.2432	0.1900	0.1999	0.1969	0.2235	Ave		0.2147				10.3		20.0			
N-Propylbenzene	0.6657 0.7647	0.6858	0.7231	0.7067	0.7354	Ave		0.7135				5.0		20.0			
2-Chlorotoluene	0.5960 0.6995	0.6124	0.6497	0.6319	0.6601	Ave		0.6416				5.7		20.0			
4-Ethyltoluene	2.5166 2.9995	2.5825	2.7352	2.6851	2.8270	Ave		2.7243				6.4		20.0			
4-Chlorotoluene	2.3662 2.4625	2.2511	2.3233	2.2460	2.3564	Ave		2.3343				3.5		20.0			
1,3,5-Trimethylbenzene	2.1072 2.5060	2.2505	2.4115	2.3815	2.4908	Ave		2.3579				6.5		20.0			
Butyl Methacrylate	0.5979 0.9071	0.5785	0.7091	0.7476	0.8481	Ave		0.7314				18.0		20.0			
tert-Butylbenzene	1.5931 2.2225	1.6994	1.9119	1.9464	2.0790	Ave		1.9087				12.2		20.0			
1,2,4-Trimethylbenzene	2.4898 2.6561	2.3346	2.5013	2.4913	2.5588	Ave		2.5053				4.2		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-309671-1 Analy Batch No.: 992189

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/23/2024 14:48 Calibration End Date: 08/23/2024 16:52 Calibration ID: 98389

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
sec-Butylbenzene	2.6568 3.3848	2.8252	3.1042	3.1540	3.3088	Ave		3.0723				9.1		20.0			
1,3-Dichlorobenzene	1.3936 1.3366	1.2144	1.2796	1.2545	1.2753	Ave		1.2923			0.6000	4.9		20.0			
4-Isopropyltoluene	2.3916 2.6268	2.4029	2.5759	2.5926	2.6584	Ave		2.5414				4.5		20.0			
1,4-Dichlorobenzene	1.5189 1.2350	1.2287	1.2799	1.2555	1.2402	Ave		1.2930			0.5000	8.7		20.0			
1,2,3-Trimethylbenzene	2.6678 2.8557	2.5138	2.7354	2.6723	2.7892	Ave		2.7057				4.4		20.0			
Benzyl chloride	0.1648 0.2876	0.1285	0.1717	0.1920	0.2550	QuaF		0.2253	0.0001250						1.0000		0.9900
Indan	0.8991 0.7920	0.8425	0.8693	0.8525	0.8349	Ave		0.8484				4.2		20.0			
1,2-Dichlorobenzene	1.4508 1.1586	1.2825	1.3052	1.2580	1.2214	Ave		1.2794			0.4000	7.7		20.0			
p-Diethylbenzene	1.4421 1.4662	1.5068	1.6113	1.5731	1.5606	Ave		1.5267				4.3		20.0			
n-Butylbenzene	1.3549 1.4011	1.4310	1.4489	1.4397	1.4353	Ave		1.4185				2.5		20.0			
1,2,4,5-Tetramethylbenzene	2.5324 2.6223	2.4184	2.5595	2.6095	2.6740	Ave		2.5693				3.5		20.0			
1,2-Dibromo-3-Chloropropane	0.1329 0.1818	0.1192	0.1389	0.1499	0.1747	Ave		0.1496			0.0500	16.3		20.0			
1,3,5-Trichlorobenzene	1.1556 1.0567	1.0560	1.0530	1.0492	1.0557	Ave		1.0710				3.9		20.0			
1,2,4-Trichlorobenzene	1.2257 1.0170	1.0151	1.0528	1.0207	1.0261	Ave		1.0596			0.2000	7.8		20.0			
Hexachlorobutadiene	0.4017 0.5104	0.4144	0.4457	0.4815	0.5113	Ave		0.4608				10.3		20.0			
Naphthalene	3.3870 2.9526	2.8452	2.9974	2.8231	2.9121	Ave		2.9863				6.9		20.0			
1,2,3-Trichlorobenzene	1.1966 1.0121	1.0033	1.0608	1.0259	1.0254	Ave		1.0540				6.9		20.0			
Dibromofluoromethane (Surr)	0.2544 0.2534	0.2578	0.2611	0.2561	0.2549	Ave		0.2563				1.1		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-309671-1 Analy Batch No.: 992189

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/23/2024 14:48 Calibration End Date: 08/23/2024 16:52 Calibration ID: 98389

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2-Dichloroethane-d4 (Surr)	0.2979 0.3028	0.3075	0.3165	0.3061	0.3021	Ave		0.3055				2.1		20.0			
Toluene-d8 (Surr)	1.4757 1.4325	1.4798	1.4914	1.4566	1.4419	Ave		1.4630				1.6		20.0			
4-Bromofluorobenzene	0.7019 0.8630	0.7141	0.7398	0.7501	0.7875	Ave		0.7594				7.8		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-309671-1 | Analy Batch No.: 992189

SDG No.:

Instrument ID: CVOAMS2 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) Y

Calibration Start Date: 08/23/2024 14:48 | Calibration End Date: 08/23/2024 16:52 | Calibration ID: 98389

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-992189/3	B14058.D
Level 2	STD5 460-992189/4	B14059.D
Level 3	STD20 460-992189/5	B14060.D
Level 4	STD50 460-992189/6	B14061.D
Level 5	STD200 460-992189/7	B14062.D
Level 6	STD500 460-992189/8	B14063.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Chlorodifluoromethane	FB	Lin2	891 270717	2518	11173	28265	115643	1.00 500	5.00	20.0	50.0	200
Dichlorodifluoromethane	FB	Ave	3621 2480130	22668	101498	223979	1051979	1.00 500	5.00	20.0	50.0	200
Chloromethane	FB	Ave	5004 2314350	23715	101713	231375	978839	1.00 500	5.00	20.0	50.0	200
Vinyl chloride	FB	Ave	3158 1722005	16982	77809	171232	750723	1.00 500	5.00	20.0	50.0	200
Butadiene	FB	Ave	2957 1709547	16833	76791	167762	754128	1.00 500	5.00	20.0	50.0	200
Bromomethane	FB	Ave	2618 935399	14427	53771	110610	474423	1.00 500	5.00	20.0	50.0	200
Chloroethane	FB	Ave	2238 726059	10930	44023	88437	379475	1.00 500	5.00	20.0	50.0	200
Dichlorofluoromethane	FB	Ave	5620 2245091	28736	120204	256736	1117011	1.00 500	5.00	20.0	50.0	200
Pentane	FB	Ave	8822 3474773	39919	177644	420885	1656455	2.00 1000	10.0	40.0	100	400
Trichlorofluoromethane	FB	Ave	2761 1454112	14681	66299	135777	640701	1.00 500	5.00	20.0	50.0	200
Ethanol	TBAd9	Ave	520 202427	2271	10833	25030	94048	40.0 20000	200	800	2000	8000
Ethyl ether	FB	Lin2	4245 1074429	13764	48115	117310	470423	1.00 500	5.00	20.0	50.0	200
2-Methyl-1,3-butadiene	FB	Ave	3141 1311705	14296	65570	148513	561446	1.00 500	5.00	20.0	50.0	200
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	2395 1090323	11257	49403	115549	482830	1.00 500	5.00	20.0	50.0	200
Acrolein	TBAd9	Ave	53994 274480	106895	158983	199270	222181	100 600	200	300	400	500
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	4168 1917765	20466	88569	211536	845390	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-309671-1 | Analy Batch No.: 992189

SDG No.:

Instrument ID: CVOAMS2 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) Y

Calibration Start Date: 08/23/2024 14:48 | Calibration End Date: 08/23/2024 16:52 | Calibration ID: 98389

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,1-Dichloroethene	FB	Ave	2845 1465560	13789	61006	149537	601668	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	2562 1588833	14689	63854	157072	645566	1.00 500	5.00	20.0	50.0	200
Acetone	BUT	Qua2	8656 2300494	32849	103703	244168	990960	5.00 2500	25.0	100	250	1000
Iodomethane	FB	Ave	4952 2749451	25752	107637	266881	1091011	1.00 500	5.00	20.0	50.0	200
Carbon disulfide	FB	Ave	12072 7035400	64247	277677	674490	2740736	1.00 500	5.00	20.0	50.0	200
Isopropyl alcohol	TBAd9	Ave	1566 1191011	10092	39811	83899	361868	10.0 5000	50.0	200	500	2000
3-Chloro-1-propene	FB	Ave	3592 2277378	19461	79822	198229	820556	1.00 500	5.00	20.0	50.0	200
Acetonitrile	TBAd9	Ave	1507 765444	9027	32763	91627	334061	10.0 5000	50.0	200	500	2000
Methyl acetate	FB	Ave	4397 2917274	26857	106007	261460	1113505	2.00 1000	10.0	40.0	100	400
Methylene Chloride	FB	Ave	4660 1805252	19191	75270	180179	718601	1.00 500	5.00	20.0	50.0	200
2-Methyl-2-propanol	TBAd9	Ave	5512 2370241	20902	83342	215985	953312	10.0 5000	50.0	200	500	2000
Acrylonitrile	TBAd9	Ave	12712 6020132	64576	258517	624819	2521056	10.0 5000	50.0	200	500	2000
trans-1,2-Dichloroethene	FB	Ave	2872 1547007	15656	65364	159113	635316	1.00 500	5.00	20.0	50.0	200
MTBE	FB	Ave	9831 4861589	47560	195486	481959	1971935	1.00 500	5.00	20.0	50.0	200
Hexane	FB	Ave	4504 2500997	23023	96136	245375	1012349	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethane	FB	Ave	5430 2938256	28748	117908	287361	1174276	1.00 500	5.00	20.0	50.0	200
Vinyl acetate	BUT	Ave	924 522680	4229	18171	49256	192687	2.00 1000	10.0	40.0	100	400
2-Chloro-1,3-butadiene	FB	Ave	2593 1372149	13224	55586	139075	563655	1.00 500	5.00	20.0	50.0	200
Isopropyl ether	FB	Ave	10362 4959188	49305	203916	498832	2002674	1.00 500	5.00	20.0	50.0	200
Tert-butyl ethyl ether	FB	Ave	4008 2115410	18817	79329	199273	834971	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-309671-1 | Analy Batch No.: 992189

SDG No.:

Instrument ID: CVOAMS2 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) Y

Calibration Start Date: 08/23/2024 14:48 | Calibration End Date: 08/23/2024 16:52 | Calibration ID: 98389

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
cis-1,2-Dichloroethene	FB	Ave	3480 1731321	16790	68792	174021	701506	1.00 500	5.00	20.0	50.0	200
2,2-Dichloropropane	FB	Ave	1589 720959	6294	25472	65244	285300	1.00 500	5.00	20.0	50.0	200
2-Butanone (MEK)	BUT	Ave	2501 1022275	10174	39510	99431	422985	5.00 2500	25.0	100	250	1000
Ethyl acetate	BUT	Ave	7567 3417076	37363	173770	281867	1240502	2.00 1000	10.0	40.0	100	400
Propionitrile	BUT	Ave	6025 2539693	26979	102076	250891	1047245	10.0 5000	50.0	200	500	2000
Methyl acrylate	FB	Ave	4102 1944346	17364	74123	186246	776711	1.00 500	5.00	20.0	50.0	200
Chlorobromomethane	FB	Ave	1345 753713	7735	32785	79361	317841	1.00 500	5.00	20.0	50.0	200
Methacrylonitrile	FB	Ave	14891 6428474	67180	270798	669295	2734176	10.0 5000	50.0	200	500	2000
Tetrahydrofuran	BUT	Ave	3056 1295476	14584	53571	127933	529320	2.00 1000	10.0	40.0	100	400
Chloroform	FB	Ave	5675 2779623	26332	109720	272509	1116962	1.00 500	5.00	20.0	50.0	200
1,1,1-Trichloroethane	FB	Ave	3712 2300050	20254	83920	213275	902898	1.00 500	5.00	20.0	50.0	200
Cyclohexane	FB	Ave	4268 2469375	22840	98215	241753	987593	1.00 500	5.00	20.0	50.0	200
1,1-Dichloropropene	FB	Ave	3730 2152417	19789	83504	210974	874051	1.00 500	5.00	20.0	50.0	200
Carbon tetrachloride	FB	Ave	2658 1862272	14589	61328	160866	713942	1.00 500	5.00	20.0	50.0	200
Benzene	CBNZd5	Ave	12083 6267569	59060	244994	617055	2531082	1.00 500	5.00	20.0	50.0	200
Isobutyl alcohol	TBAd9	Ave	2399 1116915	10016	36549	103376	474453	25.0 12500	125	500	1250	5000
1,2-Dichloroethane	FB	Ave	4566 2133867	20453	81641	207052	855553	1.00 500	5.00	20.0	50.0	200
Isooctane	FB	Ave	11103 6933111	61128	258406	683279	2761725	1.00 500	5.00	20.0	50.0	200
Isopropyl acetate	FB	Ave	1163 620612	5698	22480	59506	259099	1.00 500	5.00	20.0	50.0	200
Tert-amyl methyl ether	FB	Ave	11515 6090986	52467	222726	569035	2454285	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-309671-1 | Analy Batch No.: 992189

SDG No.:

Instrument ID: CVOAMS2 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) Y

Calibration Start Date: 08/23/2024 14:48 | Calibration End Date: 08/23/2024 16:52 | Calibration ID: 98389

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
n-Heptane	FB	Ave	4192 2497389	22179	94549	242990	1008149	1.00 500	5.00	20.0	50.0	200
Trichloroethene	FB	Ave	3037 1643628	14062	60977	156538	667041	1.00 500	5.00	20.0	50.0	200
n-Butanol	TBAd9	Ave	+++++ 629077	4615	19103	50946	265436	+++++ 12500	125	500	1250	5000
Ethyl acrylate	FB	Ave	7689 4528660	38567	163604	423199	1807917	1.00 500	5.00	20.0	50.0	200
Methylcyclohexane	FB	Ave	4769 2916178	27432	114258	292082	1190245	1.00 500	5.00	20.0	50.0	200
1,2-Dichloropropane	FB	Ave	3245 1618166	15020	62910	159402	661160	1.00 500	5.00	20.0	50.0	200
Dibromomethane	FB	Ave	2015 992792	9178	37825	96824	403441	1.00 500	5.00	20.0	50.0	200
1,4-Dioxane	DXE	Ave	572 312367	3401	11742	29743	124996	20.0 10000	100	400	1000	4000
Methyl methacrylate	FB	Ave	1346 859357	6576	28998	76619	340921	2.00 1000	10.0	40.0	100	400
n-Propyl acetate	FB	Ave	4330 2260959	18676	74545	199298	890194	1.00 500	5.00	20.0	50.0	200
Dichlorobromomethane	FB	Ave	3439 2067005	14808	65579	176488	792286	1.00 500	5.00	20.0	50.0	200
2-Nitropropane	FB	Ave	1425 805971	4992	18497	53914	293238	2.00 1000	10.0	40.0	100	400
2-Chloroethyl vinyl ether	FB	Ave	1959 1071709	8315	36536	96182	422283	1.00 501	5.01	20.0	50.1	200
Epichlorohydrin	BUT	Ave	6973 3777809	31828	134059	346533	1533195	20.0 10000	100	400	1000	4000
cis-1,3-Dichloropropene	CBNZd5	Ave	3893 2665581	18341	82584	232704	1033750	1.00 500	5.00	20.0	50.0	200
4-Methyl-2-pentanone (MIBK)	BUT	Ave	17505 8194718	78058	329044	820718	3408190	5.00 2500	25.0	100	250	1000
Toluene	CBNZd5	Ave	12217 6454694	57267	233913	601592	2539036	1.00 500	5.00	20.0	50.0	200
trans-1,3-Dichloropropene	CBNZd5	Ave	3203 2292554	13561	64492	184848	867240	1.00 500	5.00	20.0	50.0	200
Ethyl methacrylate	FB	Ave	3438 2137915	15533	66793	187768	845637	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-309671-1 | Analy Batch No.: 992189

SDG No.:

Instrument ID: CVOAMS2 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) Y

Calibration Start Date: 08/23/2024 14:48 | Calibration End Date: 08/23/2024 16:52 | Calibration ID: 98389

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,1,2-Trichloroethane	CBNZd5	Ave	2295 1150800	9857	41820	108815	460108	1.00 500	5.00	20.0	50.0	200
Tetrachloroethene	CBNZd5	Ave	2476 1439284	12241	51224	135699	576538	1.00 500	5.00	20.0	50.0	200
1,3-Dichloropropane	CBNZd5	Ave	4795 2327774	19897	82092	216102	922472	1.00 500	5.00	20.0	50.0	200
2-Hexanone	BUT	Ave	12602 5526302	49561	208179	533703	2266359	5.00 2500	25.0	100	250	1000
Chlorodibromomethane	CBNZd5	Ave	1896 1454977	7998	37954	109531	539858	1.00 500	5.00	20.0	50.0	200
Ethylene Dibromide	CBNZd5	Ave	2227 1351062	10649	46290	123955	539420	1.00 500	5.00	20.0	50.0	200
n-Butyl acetate	CBNZd5	Ave	5812 2336451	18607	80283	210441	933303	1.00 500	5.00	20.0	50.0	200
Chlorobenzene	CBNZd5	Ave	7566 3889597	33551	141421	364401	1551234	1.00 500	5.00	20.0	50.0	200
1,1,1,2-Tetrachloroethane	CBNZd5	Ave	2184 1461572	10150	46310	124778	568432	1.00 500	5.00	20.0	50.0	200
Ethylbenzene	CBNZd5	Ave	4090 2063305	17794	77382	203206	836021	1.00 500	5.00	20.0	50.0	200
m-Xylene & p-Xylene	CBNZd5	Ave	4738 2557362	22007	94676	244285	1037082	1.00 500	5.00	20.0	50.0	200
o-Xylene	CBNZd5	Ave	4916 2468043	23549	99476	256073	1031715	1.00 500	5.00	20.0	50.0	200
Styrene	CBNZd5	Ave	8755 4076293	36442	158341	415304	1707182	1.00 500	5.00	20.0	50.0	200
n-Butyl acrylate	CBNZd5	Ave	2222 1132505	8845	38857	104190	456507	1.00 500	5.00	20.0	50.0	200
Bromoform	CBNZd5	Ave	1105	4612	21707	62074	338476	1.00	5.00	20.0	50.0	200

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-309671-1 | Analy Batch No.: 992189

SDG No.:

Instrument ID: CVOAMS2 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) Y

Calibration Start Date: 08/23/2024 14:48 | Calibration End Date: 08/23/2024 16:52 | Calibration ID: 98389

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
			+++++					+++++				
Amyl acetate (mixed isomers)	DCBd4	Ave	6670 2638477	21658	93815	240352	1046272	1.00 500	5.00	20.0	50.0	200
Isopropylbenzene	CBNZd5	Ave	11131 6325956	55574	240246	616628	2548976	1.00 500	5.00	20.0	50.0	200
Bromobenzene	DCBd4	Ave	3325 1605326	14319	59913	153947	639406	1.00 500	5.00	20.0	50.0	200
1,1,2,2-Tetrachloroethane	DCBd4	Ave	4466 1932416	17965	73968	187994	779820	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichloropropane	DCBd4	Ave	1234 506323	5087	19896	50366	207816	1.00 500	5.00	20.0	50.0	200
trans-1,4-Dichloro-2-butene	DCBd4	Ave	1129 536286	4426	18355	46767	212379	1.00 500	5.00	20.0	50.0	200
N-Propylbenzene	DCBd4	Ave	3200 1686485	15976	66380	167859	698916	1.00 500	5.00	20.0	50.0	200
2-Chlorotoluene	DCBd4	Ave	2865 1542695	14268	59638	150107	627413	1.00 500	5.00	20.0	50.0	200
4-Ethyltoluene	DCBd4	Ave	12097 6615337	60164	251089	637803	2686967	1.00 500	5.00	20.0	50.0	200
4-Chlorotoluene	DCBd4	Ave	11374 5431134	52445	213280	533509	2239650	1.00 500	5.00	20.0	50.0	200
1,3,5-Trimethylbenzene	DCBd4	Ave	10129 5527045	52429	221380	565694	2367409	1.00 500	5.00	20.0	50.0	200
Butyl Methacrylate	DCBd4	Ave	2874 2000670	13478	65094	177590	806101	1.00 500	5.00	20.0	50.0	200
tert-Butylbenzene	DCBd4	Ave	7658 4901661	39590	175514	462327	1975993	1.00 500	5.00	20.0	50.0	200
1,2,4-Trimethylbenzene	DCBd4	Ave	11968 5858083	54389	229616	591760	2432059	1.00 500	5.00	20.0	50.0	200
sec-Butylbenzene	DCBd4	Ave	12771 7465173	65820	284965	749178	3144895	1.00 500	5.00	20.0	50.0	200
1,3-Dichlorobenzene	DCBd4	Ave	6699 2947810	28293	117467	297993	1212087	1.00 500	5.00	20.0	50.0	200
4-Isopropyltoluene	DCBd4	Ave	11496 5793507	55980	236465	615840	2526659	1.00 500	5.00	20.0	50.0	200
1,4-Dichlorobenzene	DCBd4	Ave	7301 2723791	28626	117497	298223	1178739	1.00 500	5.00	20.0	50.0	200
1,2,3-Trimethylbenzene	DCBd4	Ave	12824 6298242	58564	251113	634769	2650974	1.00 500	5.00	20.0	50.0	200
Benzyl chloride	DCBd4	QuaF	792	2994	15762	45609	242389	1.00	5.00	20.0	50.0	200

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-309671-1 | Analy Batch No.: 992189

SDG No.:

Instrument ID: CVOAMS2 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) Y

Calibration Start Date: 08/23/2024 14:48 | Calibration End Date: 08/23/2024 16:52 | Calibration ID: 98389

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
			634203					500				
Indan	FB	Ave	11970 5477367	53554	222697	569807	2322689	1.00 500	5.00	20.0	50.0	200
1,2-Dichlorobenzene	DCBd4	Ave	6974 2555369	29879	119813	298821	1160922	1.00 500	5.00	20.0	50.0	200
p-Diethylbenzene	DCBd4	Ave	6932 3233626	35105	147919	373676	1483317	1.00 500	5.00	20.0	50.0	200
n-Butylbenzene	DCBd4	Ave	6513 3090072	33339	133009	341979	1364169	1.00 500	5.00	20.0	50.0	200
1,2,4,5-Tetramethylbenzene	DCBd4	Ave	12173 5783384	56341	234959	619845	2541544	1.00 500	5.00	20.0	50.0	200
1,2-Dibromo-3-Chloropropane	DCBd4	Ave	639 400863	2777	12753	35611	166079	1.00 500	5.00	20.0	50.0	200
1,3,5-Trichlorobenzene	DCBd4	Ave	5555 2330643	24601	96665	249222	1003352	1.00 500	5.00	20.0	50.0	200
1,2,4-Trichlorobenzene	DCBd4	Ave	5892 2243025	23649	96649	242459	975230	1.00 500	5.00	20.0	50.0	200
Hexachlorobutadiene	DCBd4	Ave	1931 1125676	9654	40915	114368	485979	1.00 500	5.00	20.0	50.0	200
Naphthalene	DCBd4	Ave	16281 6512036	66286	275162	670577	2767842	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichlorobenzene	DCBd4	Ave	5752 2232260	23374	97383	243686	974634	1.00 500	5.00	20.0	50.0	200
Dibromofluoromethane (Surr)	FB	Ave	169339 175270	163899	167196	171175	177298	50.0 50.0	50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	198289 209395	195469	202693	204584	210101	50.0 50.0	50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZd5	Ave	627276 694256	611556	630055	660486	693447	50.0 50.0	50.0	50.0	50.0	50.0
4-Bromofluorobenzene	DCBd4	Ave	168698 190330	166370	169777	178169	187115	50.0 50.0	50.0	50.0	50.0	50.0

Curve Type Legend:

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD
Qua2 = Quadratic 1/conc^2 ISTD
QuaF = Quadratic ISTD forced zero

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20240823-179979.b\B14058.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 23-Aug-2024 14:48:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0179979-003
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260S_2*sub20

Method: \\chromfs\Edison\ChromData\CVOAMS2\20240823-179979.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 23-Aug-2024 20:19:50 Calib Date: 23-Aug-2024 16:52:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20240823-179979.b\B14063.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1673

First Level Reviewer: NN6A Date: 23-Aug-2024 17:25:27

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Dichlorodifluoromethane	85	0.977	0.959	0.018	58	3621	1.00	0.7783	
2 Chlorodifluoromethane	67	0.959	0.971	-0.012	94	891	1.00	1.02	
3 Chloromethane	50	1.093	1.081	0.012	99	5004	1.00	1.04	
4 Vinyl chloride	62	1.154	1.142	0.012	97	3158	1.00	0.8990	
5 Butadiene	54	1.148	1.160	-0.012	53	2957	1.00	0.8565	M
6 Bromomethane	94	1.343	1.343	0.000	95	2618	1.00	1.07	
7 Chloroethane	64	1.374	1.362	0.012	74	2238	1.00	1.14	Ma
9 Dichlorofluoromethane	67	1.532	1.526	0.006	97	5620	1.00	1.03	
8 Pentane	43	1.544	1.538	0.006	94	8822	2.00	2.14	a
10 Trichlorofluoromethane	101	1.569	1.557	0.012	91	2761	1.00	0.9280	
12 Ethanol	46	1.691	1.685	0.006	78	520	40.0	47.6	M
11 Ethyl ether	59	1.684	1.685	-0.001	85	4245	1.00	0.9808	
13 2-Methyl-1,3-butadiene	53	1.691	1.691	0.000	78	3141	1.00	1.06	a
14 1,2-Dichloro-1,1,2-trifluoroetha	117	1.739	1.721	0.018	62	2395	1.00	1.02	
16 Acrolein	56	1.776	1.764	0.012	96	53994	100.0	118.9	
15 1,1,1-Trifluoro-2,2-dichloroetha	83	1.782	1.764	0.018	44	4168	1.00	1.00	a
17 1,1-Dichloroethene	96	1.843	1.831	0.012	98	2845	1.00	0.9708	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.880	1.861	0.019	93	2562	1.00	0.8431	M
19 Acetone	43	1.898	1.880	0.018	86	8656	5.00	4.88	Ma
20 Iodomethane	142	1.941	1.935	0.006	96	4952	1.00	0.9352	M
21 Carbon disulfide	76	1.971	1.965	0.006	98	12072	1.00	0.9048	M
22 Isopropyl alcohol	45	2.014	2.002	0.012	23	1566	10.0	9.14	M
24 3-Chloro-1-propene	39	2.081	2.069	0.012	90	3592	1.00	0.8952	M
23 Acetonitrile	40	2.081	2.069	0.012	82	1507	10.0	10.0	
25 Methyl acetate	43	2.117	2.099	0.018	92	4397	2.00	1.67	
27 Methylene Chloride	84	2.166	2.160	0.006	42	4660	1.00	1.21	
* 28 TBA-d9 (IS)	65	2.264	2.258	0.006	0	381443	1000.0	1000.0	
26 2-Methyl-2-propanol	59	2.319	2.307	0.013	91	5512	10.0	13.2	M
29 Acrylonitrile	53	2.361	2.343	0.018	92	12712	10.0	11.1	
30 trans-1,2-Dichloroethene	96	2.361	2.361	0.000	82	2872	1.00	0.9197	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Methyl tert-butyl ether	73	2.398	2.386	0.012	92	9831	1.00	1.01	
32 Hexane	57	2.587	2.575	0.012	94	4504	1.00	0.9361	
33 1,1-Dichloroethane	63	2.684	2.678	0.006	99	5430	1.00	0.9422	a
34 Vinyl acetate	86	2.751	2.739	0.012	99	924	2.00	2.09	
35 2-Chloro-1,3-butadiene	88	2.764	2.752	0.012	72	2593	1.00	0.9509	
36 Isopropyl ether	45	2.776	2.764	0.012	89	10362	1.00	1.03	
37 Tert-butyl ethyl ether	87	3.068	3.069	-0.001	82	4008	1.00	1.00	
* 38 2-Butanone-d5	46	3.148	3.142	0.006	0	380378	250.0	250.0	
39 cis-1,2-Dichloroethene	96	3.160	3.160	0.000	88	3480	1.00	1.01	
40 2,2-Dichloropropane	79	3.154	3.166	-0.012	46	1589	1.00	1.15	a
41 2-Butanone (MEK)	72	3.196	3.203	-0.007	90	2501	5.00	6.30	a
43 Ethyl acetate	43	3.233	3.227	0.006	96	7567	2.00	2.28	M
42 Propionitrile	54	3.251	3.245	0.006	94	6025	10.0	12.1	
44 Methyl acrylate	55	3.288	3.282	0.006	97	4102	1.00	1.08	a
45 Chlorobromomethane	128	3.379	3.367	0.012	49	1345	1.00	0.8751	
46 Methacrylonitrile	67	3.385	3.373	0.012	89	14891	10.0	10.9	
47 Tetrahydrofuran	42	3.446	3.428	0.018	69	3056	2.00	2.37	
48 Chloroform	83	3.459	3.453	0.006	98	5675	1.00	1.03	
$ 49 Dibromofluoromethane (Surr)	113	3.605	3.599	0.006	96	169339	50.0	49.6	
50 1,1,1-Trichloroethane	97	3.623	3.617	0.006	35	3712	1.00	0.8799	
51 Cyclohexane	84	3.672	3.666	0.006	90	4268	1.00	0.9001	
52 1,1-Dichloropropene	75	3.776	3.764	0.012	91	3730	1.00	0.9045	
53 Carbon tetrachloride	117	3.769	3.770	-0.001	72	2658	1.00	0.8347	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	3.910	3.910	0.000	0	198289	50.0	48.8	
55 Benzene	78	3.958	3.959	-0.001	96	12083	1.00	1.03	
56 Isobutyl alcohol	42	3.977	3.971	0.006	44	2399	25.0	30.9	
57 1,2-Dichloroethane	62	3.989	3.983	0.006	95	4566	1.00	1.08	
58 Isooctane	57	4.074	4.068	0.006	93	11103	1.00	0.8595	
59 Isopropyl acetate	61	4.111	4.105	0.006	90	1163	1.00	0.9767	
60 Tert-amyl methyl ether	73	4.117	4.111	0.006	87	11515	1.00	1.00	
* 61 Fluorobenzene	96	4.257	4.251	0.006	98	665688	50.0	50.0	
62 n-Heptane	43	4.282	4.282	0.000	93	4192	1.00	0.8912	a
63 Trichloroethene	95	4.635	4.635	0.000	93	3037	1.00	0.9783	
64 n-Butanol	43	4.666	4.666	0.000	22	1562	25.0	40.5	M
65 Ethyl acrylate	55	4.836	4.843	-0.007	86	7689	1.00	0.9214	
66 Methylcyclohexane	83	4.849	4.843	0.005	95	4769	1.00	0.8521	
67 1,2-Dichloropropane	63	4.879	4.879	0.000	92	3245	1.00	1.02	
68 Dibromomethane	93	5.007	5.001	0.006	39	2015	1.00	1.04	
* 69 1,4-Dioxane-d8	96	5.007	5.001	0.006	0	24673	1000.0	1000.0	
70 1,4-Dioxane	88	5.056	5.062	-0.006	29	572	20.0	21.1	a
71 Methyl methacrylate	100	5.080	5.074	0.006	84	1346	2.00	1.79	
72 n-Propyl acetate	43	5.166	5.166	0.000	99	4330	1.00	1.05	a
73 Dichlorobromomethane	83	5.214	5.208	0.006	98	3439	1.00	0.9717	
74 2-Nitropropane	41	5.483	5.489	-0.006	97	1425	2.00	2.29	a
75 2-Chloroethyl vinyl ether	63	5.611	5.617	-0.006	66	1959	1.00	1.02	
76 Epichlorohydrin	57	5.665	5.660	0.005	98	6973	20.0	21.2	
77 cis-1,3-Dichloropropene	75	5.757	5.757	0.000	95	3893	1.00	0.9186	a
78 4-Methyl-2-pentanone (MIBK)	43	6.007	6.001	0.006	96	17505	5.00	5.63	
$ 79 Toluene-d8 (Surr)	98	6.086	6.086	0.000	99	627276	50.0	50.4	
80 Toluene	91	6.171	6.166	0.005	95	12217	1.00	1.05	
81 trans-1,3-Dichloropropene	75	6.495	6.495	0.000	96	3203	1.00	0.9349	
82 Ethyl methacrylate	69	6.690	6.690	0.000	88	3438	1.00	0.9349	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 1,1,2-Trichloroethane	83	6.720	6.720	0.000	89	2295	1.00	1.10	
84 Tetrachloroethene	166	6.873	6.867	0.005	92	2476	1.00	0.9782	
85 1,3-Dichloropropane	76	6.921	6.921	0.000	93	4795	1.00	1.14	
86 2-Hexanone	43	7.092	7.086	0.006	97	12602	5.00	6.10	
87 Chlorodibromomethane	129	7.177	7.178	-0.001	96	1896	1.00	0.9143	
88 Ethylene Dibromide	107	7.269	7.269	0.000	43	2227	1.00	0.9666	
89 n-Butyl acetate	43	7.275	7.275	0.000	97	5812	1.00	1.35	
* 90 Chlorobenzene-d5	117	7.781	7.781	0.000	89	425056	50.0	50.0	
91 Chlorobenzene	112	7.805	7.805	0.000	94	7566	1.00	1.08	
92 1,1,1,2-Tetrachloroethane	131	7.909	7.903	0.006	90	2184	1.00	0.9349	
93 Ethylbenzene	106	7.939	7.940	-0.001	98	4090	1.00	1.08	
94 m-Xylene & p-Xylene	106	8.061	8.061	0.000	0	4738	1.00	1.03	
95 o-Xylene	106	8.415	8.415	0.000	91	4916	1.00	1.04	
96 Styrene	104	8.427	8.427	0.000	93	8755	1.00	1.12	
97 n-Butyl acrylate	73	8.445	8.446	-0.001	94	2222	1.00	1.12	
98 Bromoform	173	8.567	8.561	0.006	90	1105	1.00	0.9517	
99 Amyl acetate (mixed isomers)	43	8.659	8.659	0.000	90	6670	1.00	1.25	
100 Isopropylbenzene	105	8.744	8.744	0.000	96	11131	1.00	0.9740	
$ 101 4-Bromofluorobenzene	174	8.854	8.854	0.000	87	168698	50.0	46.2	
102 Bromobenzene	156	8.957	8.958	-0.001	96	3325	1.00	1.04	
103 1,1,2,2-Tetrachloroethane	83	9.000	9.000	0.000	97	4466	1.00	1.12	
104 1,2,3-Trichloropropane	110	9.018	9.019	-0.001	96	1234	1.00	1.14	
105 trans-1,4-Dichloro-2-butene	53	9.043	9.043	0.000	73	1129	1.00	1.09	
106 N-Propylbenzene	120	9.079	9.080	-0.001	98	3200	1.00	0.9330	
107 2-Chlorotoluene	126	9.128	9.128	0.000	96	2865	1.00	0.9289	
108 4-Ethyltoluene	105	9.171	9.171	0.000	98	12097	1.00	0.9238	
109 4-Chlorotoluene	91	9.214	9.214	0.000	99	11374	1.00	1.01	
110 1,3,5-Trimethylbenzene	105	9.226	9.226	0.000	92	10129	1.00	0.8937	
111 Butyl Methacrylate	87	9.335	9.336	-0.001	93	2874	1.00	0.8175	
112 tert-Butylbenzene	119	9.470	9.470	0.000	93	7658	1.00	0.8347	
113 1,2,4-Trimethylbenzene	105	9.506	9.506	0.000	97	11968	1.00	0.99	
114 sec-Butylbenzene	105	9.640	9.640	0.000	99	12771	1.00	0.8648	
115 1,3-Dichlorobenzene	146	9.695	9.701	-0.006	92	6699	1.00	1.08	
* 116 1,4-Dichlorobenzene-d4	152	9.750	9.750	0.000	98	240345	50.0	50.0	
117 4-Isopropyltoluene	119	9.756	9.756	0.000	87	11496	1.00	0.9411	
118 1,4-Dichlorobenzene	146	9.768	9.768	0.000	95	7301	1.00	1.17	
119 1,2,3-Trimethylbenzene	105	9.817	9.817	0.000	99	12824	1.00	0.9860	
120 Benzyl chloride	126	9.872	9.872	0.000	98	792	1.00	0.7310	
121 2,3-Dihydroindene	117	9.951	9.951	0.000	94	11970	1.00	1.06	
123 1,2-Dichlorobenzene	146	10.037	10.031	0.006	92	6974	1.00	1.13	
122 p-Diethylbenzene	119	10.037	10.037	0.000	93	6932	1.00	0.9446	
124 n-Butylbenzene	92	10.049	10.049	0.000	97	6513	1.00	0.9552	
125 1,2,4,5-Tetramethylbenzene	119	10.579	10.579	0.000	96	12173	1.00	0.9856	
126 1,2-Dibromo-3-Chloropropane	157	10.585	10.585	0.000	33	639	1.00	0.8887	a
127 1,3,5-Trichlorobenzene	180	10.732	10.732	0.000	95	5555	1.00	1.08	
128 1,2,4-Trichlorobenzene	180	11.152	11.152	0.000	95	5892	1.00	1.16	
129 Hexachlorobutadiene	225	11.274	11.274	0.000	92	1931	1.00	0.8717	
130 Naphthalene	128	11.311	11.311	0.000	98	16281	1.00	1.13	
131 1,2,3-Trichlorobenzene	180	11.487	11.488	-0.001	95	5752	1.00	1.14	
S 132 1,2-Dichloroethene, Total	100				0		2.00	1.93	
S 133 1,3-Dichloropropene, Total	100				0		2.00	1.85	
S 134 Xylenes, Total	100				0		2.00	2.06	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 Total BTEX	1				0		5.00	5.23	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

524FREONS_00022	Amount Added:	1.00	Units: uL	
8260MIX1COMB_00192	Amount Added:	1.00	Units: uL	
ACROLEIN W_00172	Amount Added:	10.00	Units: uL	
GASES Li_00599	Amount Added:	1.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00249	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 23-Aug-2024 20:19:51 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20240823-179979.b\B14058.D

Injection Date: 23-Aug-2024 14:48:30 Instrument ID: CVOAMS2 Operator ID:

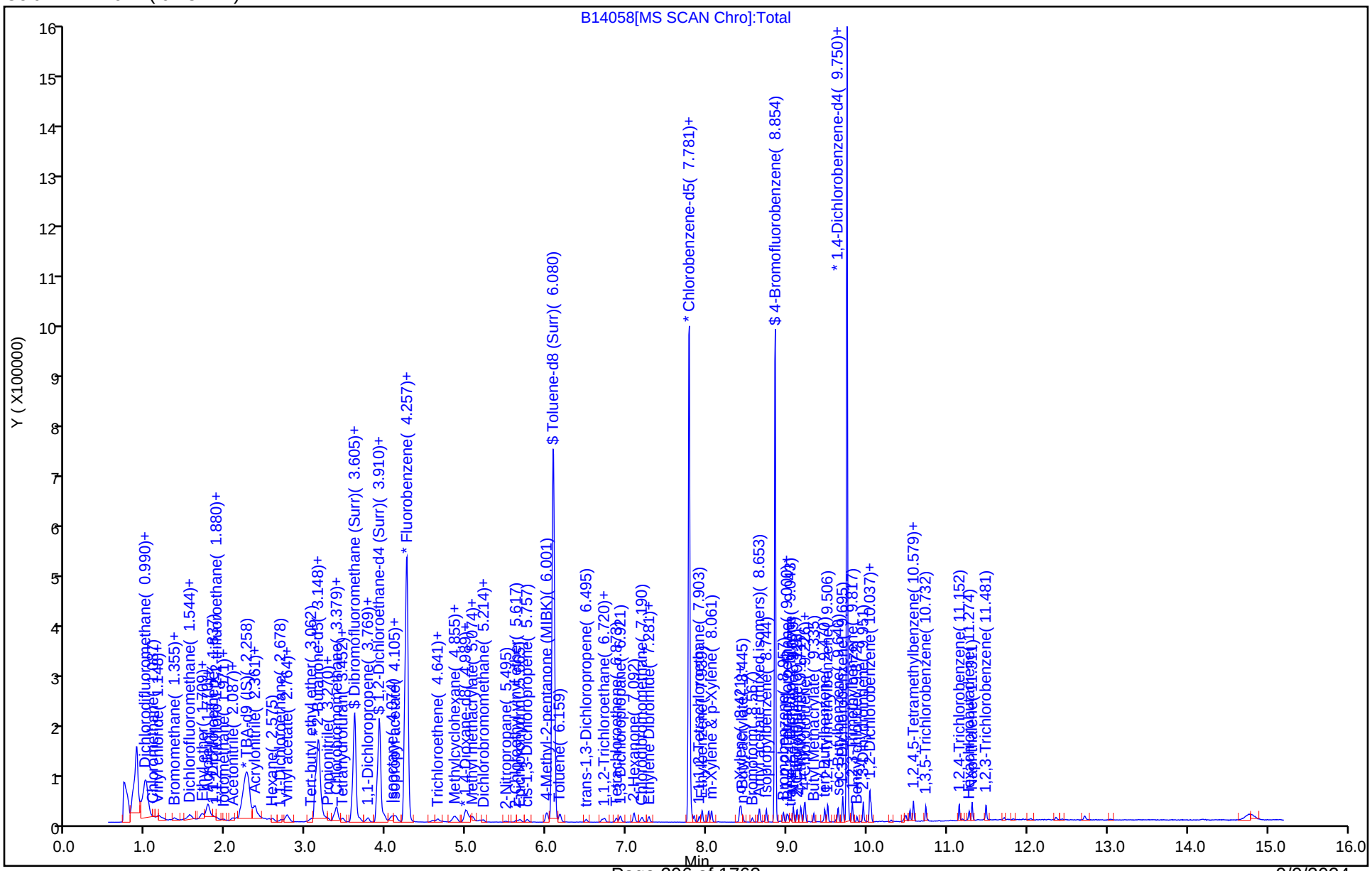
Lims ID: STD1 Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



9/9/2024
1:05:41 PM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20240823-179979.b\B14059.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 23-Aug-2024 15:13:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0179979-004
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260S_2*sub20

Method: \\chromfs\Edison\ChromData\CVOAMS2\20240823-179979.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 23-Aug-2024 20:19:54 Calib Date: 23-Aug-2024 16:52:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20240823-179979.b\B14063.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1673

First Level Reviewer: NN6A Date: 23-Aug-2024 17:28:07

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Dichlorodifluoromethane	85	0.965	0.959	0.006	63	22668	5.00	5.10	
2 Chlorodifluoromethane	67	0.959	0.971	-0.012	94	2518	5.00	4.30	
3 Chloromethane	50	1.081	1.081	0.000	99	23715	5.00	5.14	
4 Vinyl chloride	62	1.148	1.142	0.006	97	16982	5.00	5.06	
5 Butadiene	54	1.154	1.160	-0.006	79	16833	5.00	5.11	M
6 Bromomethane	94	1.343	1.343	0.000	97	14427	5.00	6.16	
7 Chloroethane	64	1.355	1.362	-0.007	100	10930	5.00	5.82	
9 Dichlorofluoromethane	67	1.526	1.526	0.000	98	28736	5.00	5.53	
8 Pentane	43	1.538	1.538	0.000	94	39919	10.0	10.2	
10 Trichlorofluoromethane	101	1.563	1.557	0.006	96	14681	5.00	5.17	
12 Ethanol	46	1.660	1.685	-0.025	67	2271	200.0	191.4	
11 Ethyl ether	59	1.685	1.685	0.000	98	13764	5.00	5.42	
13 2-Methyl-1,3-butadiene	53	1.691	1.691	0.000	94	14296	5.00	5.07	M
14 1,2-Dichloro-1,1,2-trifluoroetha	117	1.715	1.721	-0.006	82	11257	5.00	5.04	
16 Acrolein	56	1.764	1.764	0.000	96	106895	200.0	216.6	
15 1,1,1-Trifluoro-2,2-dichloroetha	83	1.764	1.764	0.000	50	20466	5.00	5.14	a
17 1,1-Dichloroethene	96	1.831	1.831	0.000	95	13789	5.00	4.93	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.861	1.861	0.000	90	14689	5.00	5.06	
19 Acetone	43	1.874	1.880	-0.006	85	32849	25.0	28.4	
20 Iodomethane	142	1.935	1.935	0.000	99	25752	5.00	5.09	
21 Carbon disulfide	76	1.959	1.965	-0.006	99	64247	5.00	5.04	M
22 Isopropyl alcohol	45	2.008	2.002	0.006	31	10092	50.0	54.2	
24 3-Chloro-1-propene	39	2.075	2.069	0.006	91	19461	5.00	5.08	
23 Acetonitrile	40	2.075	2.069	0.006	81	9027	50.0	55.3	
25 Methyl acetate	43	2.105	2.099	0.006	100	26857	10.0	10.7	
27 Methylene Chloride	84	2.160	2.160	0.000	85	19191	5.00	5.22	
* 28 TBA-d9 (IS)	65	2.258	2.258	0.000	0	414334	1000.0	1000.0	
26 2-Methyl-2-propanol	59	2.319	2.307	0.013	91	20902	50.0	46.1	a
29 Acrylonitrile	53	2.343	2.343	0.000	96	64576	50.0	52.1	
30 trans-1,2-Dichloroethene	96	2.355	2.361	-0.006	97	15656	5.00	5.25	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Methyl tert-butyl ether	73	2.386	2.386	0.000	96	47560	5.00	5.12	
32 Hexane	57	2.581	2.575	0.006	93	23023	5.00	5.01	
33 1,1-Dichloroethane	63	2.678	2.678	0.000	99	28748	5.00	5.22	
34 Vinyl acetate	86	2.745	2.739	0.006	99	4229	10.0	9.18	
35 2-Chloro-1,3-butadiene	88	2.758	2.752	0.006	73	13224	5.00	5.08	
36 Isopropyl ether	45	2.764	2.764	0.000	81	49305	5.00	5.13	
37 Tert-butyl ethyl ether	87	3.069	3.069	0.000	91	18817	5.00	4.90	
* 38 2-Butanone-d5	46	3.142	3.142	0.000	0	395364	250.0	250.0	
39 cis-1,2-Dichloroethene	96	3.166	3.160	0.006	94	16790	5.00	5.09	M
40 2,2-Dichloropropane	79	3.178	3.166	0.012	91	6294	5.00	4.77	a
41 2-Butanone (MEK)	72	3.197	3.203	-0.006	93	10174	25.0	24.7	
43 Ethyl acetate	43	3.227	3.227	0.000	91	37363	10.0	10.8	M
42 Propionitrile	54	3.245	3.245	0.000	98	26979	50.0	52.0	
44 Methyl acrylate	55	3.251	3.282	-0.031	45	17364	5.00	4.79	M
45 Chlorobromomethane	128	3.367	3.367	0.000	51	7735	5.00	5.27	
46 Methacrylonitrile	67	3.373	3.373	0.000	91	67180	50.0	51.6	
47 Tetrahydrofuran	42	3.428	3.428	0.000	77	14584	10.0	10.9	
48 Chloroform	83	3.459	3.453	0.006	99	26332	5.00	5.01	
$ 49 Dibromofluoromethane (Surr)	113	3.599	3.599	0.000	96	163899	50.0	50.3	
50 1,1,1-Trichloroethane	97	3.617	3.617	0.000	98	20254	5.00	5.03	
51 Cyclohexane	84	3.666	3.666	0.000	93	22840	5.00	5.04	
52 1,1-Dichloropropene	75	3.764	3.764	0.000	95	19789	5.00	5.03	
53 Carbon tetrachloride	117	3.770	3.770	0.000	72	14589	5.00	4.80	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	3.904	3.910	-0.006	0	195469	50.0	50.3	
55 Benzene	78	3.959	3.959	0.000	97	59060	5.00	5.18	
56 Isobutyl alcohol	42	3.977	3.971	0.006	47	10016	125.0	118.7	
57 1,2-Dichloroethane	62	3.983	3.983	0.000	96	20453	5.00	5.06	
58 Isooctane	57	4.062	4.068	-0.006	93	61128	5.00	4.96	
59 Isopropyl acetate	61	4.111	4.105	0.006	88	5698	5.00	5.01	
60 Tert-amyl methyl ether	73	4.111	4.111	0.000	83	52467	5.00	4.79	
* 61 Fluorobenzene	96	4.251	4.251	0.000	98	635688	50.0	50.0	
62 n-Heptane	43	4.282	4.282	0.000	93	22179	5.00	4.94	a
63 Trichloroethene	95	4.635	4.635	0.000	95	14062	5.00	4.74	
64 n-Butanol	43	4.672	4.666	0.006	91	4615	125.0	110.3	
65 Ethyl acrylate	55	4.830	4.843	-0.013	90	38567	5.00	4.84	
66 Methylcyclohexane	83	4.843	4.843	0.000	97	27432	5.00	5.13	
67 1,2-Dichloropropane	63	4.879	4.879	0.000	92	15020	5.00	4.94	
68 Dibromomethane	93	5.001	5.001	0.000	92	9178	5.00	4.94	
* 69 1,4-Dioxane-d8	96	5.001	5.001	0.000	0	27424	1000.0	1000.0	
70 1,4-Dioxane	88	5.068	5.062	0.006	29	3401	100.0	113.1	M
71 Methyl methacrylate	100	5.068	5.074	-0.006	91	6576	10.0	9.14	
72 n-Propyl acetate	43	5.166	5.166	0.000	99	18676	5.00	4.75	
73 Dichlorobromomethane	83	5.214	5.208	0.006	99	14808	5.00	4.38	
74 2-Nitropropane	41	5.489	5.489	0.000	95	4992	10.0	8.41	
75 2-Chloroethyl vinyl ether	63	5.611	5.617	-0.006	93	8315	5.01	4.52	
76 Epichlorohydrin	57	5.653	5.660	-0.007	99	31828	100.0	92.9	
77 cis-1,3-Dichloropropene	75	5.763	5.757	0.006	94	18341	5.00	4.45	
78 4-Methyl-2-pentanone (MIBK)	43	6.001	6.001	0.000	97	78058	25.0	24.1	
$ 79 Toluene-d8 (Surr)	98	6.080	6.086	-0.006	98	611556	50.0	50.6	
80 Toluene	91	6.165	6.166	-0.001	94	57267	5.00	5.08	
81 trans-1,3-Dichloropropene	75	6.495	6.495	0.000	99	13561	5.00	4.07	
82 Ethyl methacrylate	69	6.696	6.690	0.006	89	15533	5.00	4.42	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 1,1,2-Trichloroethane	83	6.720	6.720	0.000	95	9857	5.00	4.86	
84 Tetrachloroethene	166	6.867	6.867	0.000	95	12241	5.00	4.97	
85 1,3-Dichloropropane	76	6.921	6.921	0.000	95	19897	5.00	4.87	
86 2-Hexanone	43	7.086	7.086	0.000	97	49561	25.0	23.1	
87 Chlorodibromomethane	129	7.171	7.178	-0.007	96	7998	5.00	3.97	
88 Ethylene Dibromide	107	7.269	7.269	0.000	100	10649	5.00	4.75	
89 n-Butyl acetate	43	7.281	7.275	0.006	98	18607	5.00	4.44	
* 90 Chlorobenzene-d5	117	7.781	7.781	0.000	88	413276	50.0	50.0	
91 Chlorobenzene	112	7.805	7.805	0.000	92	33551	5.00	4.92	
92 1,1,1,2-Tetrachloroethane	131	7.909	7.903	0.006	90	10150	5.00	4.47	
93 Ethylbenzene	106	7.940	7.940	0.000	99	17794	5.00	4.82	
94 m-Xylene & p-Xylene	106	8.061	8.061	0.000	0	22007	5.00	4.91	
95 o-Xylene	106	8.415	8.415	0.000	93	23549	5.00	5.11	
96 Styrene	104	8.427	8.427	0.000	92	36442	5.00	4.82	
97 n-Butyl acrylate	73	8.446	8.446	0.000	97	8845	5.00	4.57	
98 Bromoform	173	8.561	8.561	0.000	93	4612	5.00	4.09	
99 Amyl acetate (mixed isomers)	43	8.659	8.659	0.000	94	21658	5.00	4.20	
100 Isopropylbenzene	105	8.744	8.744	0.000	96	55574	5.00	5.00	
$ 101 4-Bromofluorobenzene	174	8.854	8.854	0.000	87	166370	50.0	47.0	
102 Bromobenzene	156	8.958	8.958	0.000	98	14319	5.00	4.60	
103 1,1,2,2-Tetrachloroethane	83	9.000	9.000	0.000	98	17965	5.00	4.63	
104 1,2,3-Trichloropropane	110	9.019	9.019	0.000	98	5087	5.00	4.84	
105 trans-1,4-Dichloro-2-butene	53	9.043	9.043	0.000	69	4426	5.00	4.42	
106 N-Propylbenzene	120	9.080	9.080	0.000	99	15976	5.00	4.81	
107 2-Chlorotoluene	126	9.128	9.128	0.000	96	14268	5.00	4.77	
108 4-Ethyltoluene	105	9.171	9.171	0.000	99	60164	5.00	4.74	
109 4-Chlorotoluene	91	9.214	9.214	0.000	99	52445	5.00	4.82	
110 1,3,5-Trimethylbenzene	105	9.226	9.226	0.000	92	52429	5.00	4.77	
111 Butyl Methacrylate	87	9.336	9.336	0.000	93	13478	5.00	3.95	
112 tert-Butylbenzene	119	9.476	9.470	0.006	93	39590	5.00	4.45	
113 1,2,4-Trimethylbenzene	105	9.506	9.506	0.000	98	54389	5.00	4.66	
114 sec-Butylbenzene	105	9.640	9.640	0.000	99	65820	5.00	4.60	
115 1,3-Dichlorobenzene	146	9.695	9.701	-0.006	93	28293	5.00	4.70	
* 116 1,4-Dichlorobenzene-d4	152	9.750	9.750	0.000	97	232971	50.0	50.0	
117 4-Isopropyltoluene	119	9.756	9.756	0.000	97	55980	5.00	4.73	
118 1,4-Dichlorobenzene	146	9.768	9.768	0.000	93	28626	5.00	4.75	
119 1,2,3-Trimethylbenzene	105	9.817	9.817	0.000	99	58564	5.00	4.65	
120 Benzyl chloride	126	9.872	9.872	0.000	97	2994	5.00	2.85	
121 2,3-Dihydroindene	117	9.951	9.951	0.000	95	53554	5.00	4.97	
123 1,2-Dichlorobenzene	146	10.031	10.031	0.000	93	29879	5.00	5.01	
122 p-Diethylbenzene	119	10.031	10.037	-0.006	90	35105	5.00	4.93	
124 n-Butylbenzene	92	10.049	10.049	0.000	97	33339	5.00	5.04	
125 1,2,4,5-Tetramethylbenzene	119	10.579	10.579	0.000	96	56341	5.00	4.71	
126 1,2-Dibromo-3-Chloropropane	157	10.585	10.585	0.000	93	2777	5.00	3.98	
127 1,3,5-Trichlorobenzene	180	10.732	10.732	0.000	97	24601	5.00	4.93	
128 1,2,4-Trichlorobenzene	180	11.152	11.152	0.000	94	23649	5.00	4.79	
129 Hexachlorobutadiene	225	11.280	11.274	0.006	94	9654	5.00	4.50	
130 Naphthalene	128	11.311	11.311	0.000	99	66286	5.00	4.76	
131 1,2,3-Trichlorobenzene	180	11.488	11.488	0.000	95	23374	5.00	4.76	
S 132 1,2-Dichloroethene, Total	100				0		10.0	10.3	
S 133 1,3-Dichloropropene, Total	100				0		10.0	8.52	
S 134 Xylenes, Total	100				0		10.0	10.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 Total BTEX	1				0		25.0	25.1	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

8260MIX1COMB_00192	Amount Added:	5.00	Units: uL	
524FREONS_00022	Amount Added:	5.00	Units: uL	
ACROLEIN W_00172	Amount Added:	20.00	Units: uL	
GASES Li_00599	Amount Added:	5.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00249	Amount Added:	1.00	Units: uL	Run Reagent

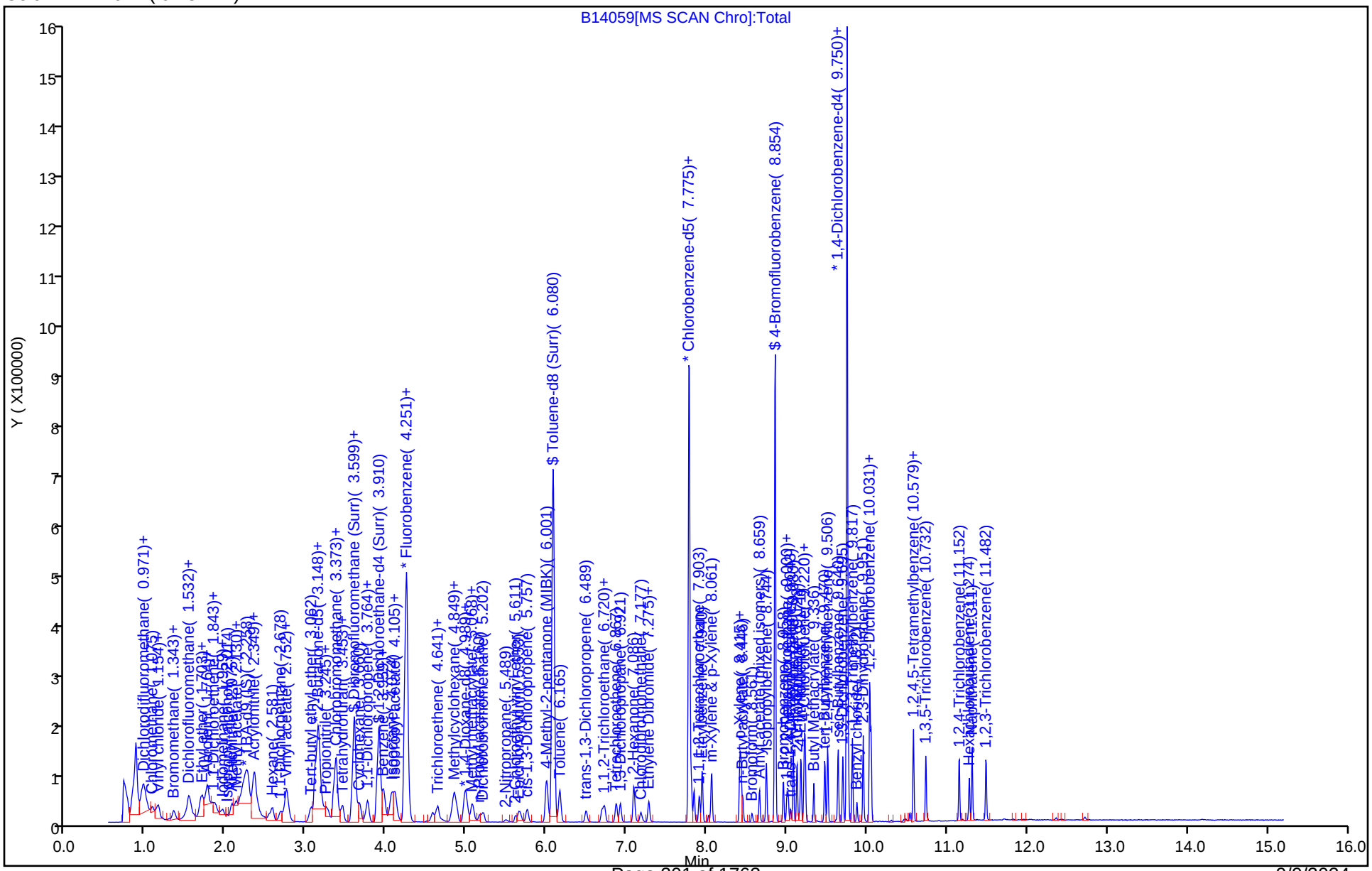
Report Date: 23-Aug-2024 20:19:55 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20240823-179979.b\B14059.D

Injection Date:	23-Aug-2024 15:13:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	STD5			Worklist Smp#:	4
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



9/9/2024
1:05:41 PM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20240823-179979.b\B14060.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 23-Aug-2024 15:38:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0179979-005
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260S_2*sub20

Method: \\chromfs\Edison\ChromData\CVOAMS2\20240823-179979.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 23-Aug-2024 20:19:59 Calib Date: 23-Aug-2024 16:52:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20240823-179979.b\B14063.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1673

First Level Reviewer: PUV6 Date: 23-Aug-2024 17:05:30

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Dichlorodifluoromethane	85	0.959	0.959	0.000	70	101498	20.0	22.7	
2 Chlorodifluoromethane	67	0.971	0.971	0.000	94	11173	20.0	21.2	
3 Chloromethane	50	1.081	1.081	0.000	98	101713	20.0	21.9	
4 Vinyl chloride	62	1.142	1.142	0.000	98	77809	20.0	23.0	
5 Butadiene	54	1.160	1.160	0.000	96	76791	20.0	23.1	
6 Bromomethane	94	1.343	1.343	0.000	99	53771	20.0	22.8	
7 Chloroethane	64	1.362	1.362	0.000	99	44023	20.0	23.3	
9 Dichlorofluoromethane	67	1.526	1.526	0.000	98	120204	20.0	22.9	
8 Pentane	43	1.538	1.538	0.000	95	177644	40.0	44.8	
10 Trichlorofluoromethane	101	1.557	1.557	0.000	97	66299	20.0	23.2	a
12 Ethanol	46	1.685	1.685	0.000	67	10833	800.0	901.2	
11 Ethyl ether	59	1.685	1.685	0.000	96	48115	20.0	21.0	
13 2-Methyl-1,3-butadiene	53	1.691	1.691	0.000	97	65570	20.0	23.1	
14 1,2-Dichloro-1,1,2-trifluoroetha	117	1.721	1.721	0.000	93	49403	20.0	22.0	a
16 Acrolein	56	1.764	1.764	0.000	97	158983	300.0	318.1	
15 1,1,1-Trifluoro-2,2-dichloroetha	83	1.764	1.764	0.000	79	88569	20.0	22.1	a
17 1,1-Dichloroethene	96	1.831	1.831	0.000	99	61006	20.0	21.6	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.861	1.861	0.000	96	63854	20.0	21.8	
19 Acetone	43	1.880	1.880	0.000	86	103703	100.0	96.2	
20 Iodomethane	142	1.935	1.935	0.000	98	107637	20.0	21.1	
21 Carbon disulfide	76	1.965	1.965	0.000	99	277677	20.0	21.6	M
22 Isopropyl alcohol	45	2.002	2.002	0.000	36	39811	200.0	211.2	
24 3-Chloro-1-propene	39	2.069	2.069	0.000	94	79822	20.0	20.7	
23 Acetonitrile	40	2.069	2.069	0.000	79	32763	200.0	198.1	
25 Methyl acetate	43	2.099	2.099	0.000	99	106007	40.0	41.7	
27 Methylene Chloride	84	2.160	2.160	0.000	92	75270	20.0	20.3	
* 28 TBA-d9 (IS)	65	2.258	2.258	0.000	0	419662	1000.0	1000.0	
26 2-Methyl-2-propanol	59	2.307	2.307	0.000	91	83342	200.0	181.3	a
29 Acrylonitrile	53	2.343	2.343	0.000	94	258517	200.0	206.0	
30 trans-1,2-Dichloroethene	96	2.361	2.361	0.000	97	65364	20.0	21.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Methyl tert-butyl ether	73	2.386	2.386	0.000	97	195486	20.0	20.9	
32 Hexane	57	2.575	2.575	0.000	92	96136	20.0	20.8	
33 1,1-Dichloroethane	63	2.678	2.678	0.000	100	117908	20.0	21.3	
34 Vinyl acetate	86	2.739	2.739	0.000	99	18171	40.0	38.4	
35 2-Chloro-1,3-butadiene	88	2.752	2.752	0.000	93	55586	20.0	21.2	
36 Isopropyl ether	45	2.764	2.764	0.000	89	203916	20.0	21.1	
37 Tert-butyl ethyl ether	87	3.069	3.069	0.000	88	79329	20.0	20.5	
* 38 2-Butanone-d5	46	3.142	3.142	0.000	0	405705	250.0	250.0	
39 cis-1,2-Dichloroethene	96	3.160	3.160	0.000	94	68792	20.0	20.7	
40 2,2-Dichloropropane	79	3.166	3.166	0.000	72	25472	20.0	19.2	
41 2-Butanone (MEK)	72	3.203	3.203	0.000	99	39510	100.0	93.3	
43 Ethyl acetate	43	3.227	3.227	0.000	100	173770	40.0	49.0	M
42 Propionitrile	54	3.245	3.245	0.000	97	102076	200.0	191.6	
44 Methyl acrylate	55	3.282	3.282	0.000	98	74123	20.0	20.3	a
45 Chlorobromomethane	128	3.367	3.367	0.000	93	32785	20.0	22.2	
46 Methacrylonitrile	67	3.373	3.373	0.000	91	270798	200.0	206.4	
47 Tetrahydrofuran	42	3.428	3.428	0.000	88	53571	40.0	38.9	
48 Chloroform	83	3.453	3.453	0.000	99	109720	20.0	20.7	
$ 49 Dibromofluoromethane (Surr)	113	3.599	3.599	0.000	96	167196	50.0	50.9	
50 1,1,1-Trichloroethane	97	3.617	3.617	0.000	98	83920	20.0	20.7	
51 Cyclohexane	84	3.666	3.666	0.000	93	98215	20.0	21.5	
52 1,1-Dichloropropene	75	3.764	3.764	0.000	95	83504	20.0	21.0	
53 Carbon tetrachloride	117	3.770	3.770	0.000	76	61328	20.0	20.0	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	3.910	3.910	0.000	0	202693	50.0	51.8	
55 Benzene	78	3.959	3.959	0.000	97	244994	20.0	21.0	
56 Isobutyl alcohol	42	3.971	3.971	0.000	45	36549	500.0	427.6	a
57 1,2-Dichloroethane	62	3.983	3.983	0.000	97	81641	20.0	20.0	
58 Isooctane	57	4.068	4.068	0.000	94	258406	20.0	20.8	
59 Isopropyl acetate	61	4.105	4.105	0.000	94	22480	20.0	19.6	
60 Tert-amyl methyl ether	73	4.111	4.111	0.000	90	222726	20.0	20.2	
* 61 Fluorobenzene	96	4.251	4.251	0.000	98	640464	50.0	50.0	
62 n-Heptane	43	4.282	4.282	0.000	93	94549	20.0	20.9	
63 Trichloroethene	95	4.635	4.635	0.000	96	60977	20.0	20.4	
64 n-Butanol	43	4.666	4.666	0.000	93	19103	500.0	450.7	
65 Ethyl acrylate	55	4.843	4.843	0.000	98	163604	20.0	20.4	
66 Methylcyclohexane	83	4.843	4.843	0.000	96	114258	20.0	21.2	
67 1,2-Dichloropropane	63	4.879	4.879	0.000	93	62910	20.0	20.5	
68 Dibromomethane	93	5.001	5.001	0.000	95	37825	20.0	20.2	
* 69 1,4-Dioxane-d8	96	5.001	5.001	0.000	0	27121	1000.0	1000.0	
70 1,4-Dioxane	88	5.062	5.062	0.000	40	11742	400.0	394.8	
71 Methyl methacrylate	100	5.074	5.074	0.000	89	28998	40.0	40.0	
72 n-Propyl acetate	43	5.166	5.166	0.000	98	74545	20.0	18.8	
73 Dichlorobromomethane	83	5.208	5.208	0.000	99	65579	20.0	19.3	
74 2-Nitropropane	41	5.489	5.489	0.000	99	18497	40.0	30.9	
75 2-Chloroethyl vinyl ether	63	5.617	5.617	0.000	94	36536	20.0	19.7	
76 Epichlorohydrin	57	5.660	5.660	0.000	99	134059	400.0	381.4	
77 cis-1,3-Dichloropropene	75	5.757	5.757	0.000	95	82584	20.0	19.6	
78 4-Methyl-2-pentanone (MIBK)	43	6.001	6.001	0.000	97	329044	100.0	99.1	
$ 79 Toluene-d8 (Surr)	98	6.086	6.086	0.000	99	630055	50.0	51.0	
80 Toluene	91	6.166	6.166	0.000	94	233913	20.0	20.3	
81 trans-1,3-Dichloropropene	75	6.495	6.495	0.000	98	64492	20.0	18.9	
82 Ethyl methacrylate	69	6.690	6.690	0.000	90	66793	20.0	18.9	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 1,1,2-Trichloroethane	83	6.720	6.720	0.000	96	41820	20.0	20.2	
84 Tetrachloroethene	166	6.867	6.867	0.000	96	51224	20.0	20.4	
85 1,3-Dichloropropane	76	6.921	6.921	0.000	95	82092	20.0	19.6	
86 2-Hexanone	43	7.086	7.086	0.000	96	208179	100.0	94.4	
87 Chlorodibromomethane	129	7.178	7.178	0.000	98	37954	20.0	18.4	
88 Ethylene Dibromide	107	7.269	7.269	0.000	99	46290	20.0	20.2	
89 n-Butyl acetate	43	7.275	7.275	0.000	99	80283	20.0	18.8	
* 90 Chlorobenzene-d5	117	7.781	7.781	0.000	88	422457	50.0	50.0	
91 Chlorobenzene	112	7.805	7.805	0.000	92	141421	20.0	20.3	
92 1,1,1,2-Tetrachloroethane	131	7.903	7.903	0.000	93	46310	20.0	19.9	
93 Ethylbenzene	106	7.940	7.940	0.000	99	77382	20.0	20.5	
94 m-Xylene & p-Xylene	106	8.061	8.061	0.000	0	94676	20.0	20.7	a
95 o-Xylene	106	8.415	8.415	0.000	93	99476	20.0	21.1	
96 Styrene	104	8.427	8.427	0.000	93	158341	20.0	20.5	
97 n-Butyl acrylate	73	8.446	8.446	0.000	96	38857	20.0	19.6	
98 Bromoform	173	8.561	8.561	0.000	95	21707	20.0	18.8	
99 Amyl acetate (mixed isomers)	43	8.659	8.659	0.000	92	93815	20.0	18.4	
100 Isopropylbenzene	105	8.744	8.744	0.000	96	240246	20.0	21.2	
$ 101 4-Bromofluorobenzene	174	8.854	8.854	0.000	87	169777	50.0	48.7	
102 Bromobenzene	156	8.958	8.958	0.000	98	59913	20.0	19.5	
103 1,1,2,2-Tetrachloroethane	83	9.000	9.000	0.000	98	73968	20.0	19.4	
104 1,2,3-Trichloropropane	110	9.019	9.019	0.000	98	19896	20.0	19.2	
105 trans-1,4-Dichloro-2-butene	53	9.043	9.043	0.000	76	18355	20.0	18.6	
106 N-Propylbenzene	120	9.080	9.080	0.000	98	66380	20.0	20.3	
107 2-Chlorotoluene	126	9.128	9.128	0.000	96	59638	20.0	20.3	
108 4-Ethyltoluene	105	9.171	9.171	0.000	99	251089	20.0	20.1	a
109 4-Chlorotoluene	91	9.214	9.214	0.000	99	213280	20.0	19.9	
110 1,3,5-Trimethylbenzene	105	9.226	9.226	0.000	92	221380	20.0	20.5	
111 Butyl Methacrylate	87	9.336	9.336	0.000	92	65094	20.0	19.4	
112 tert-Butylbenzene	119	9.470	9.470	0.000	92	175514	20.0	20.0	
113 1,2,4-Trimethylbenzene	105	9.506	9.506	0.000	98	229616	20.0	20.0	
114 sec-Butylbenzene	105	9.640	9.640	0.000	99	284965	20.0	20.2	
115 1,3-Dichlorobenzene	146	9.701	9.701	0.000	95	117467	20.0	19.8	
* 116 1,4-Dichlorobenzene-d4	152	9.750	9.750	0.000	98	229500	50.0	50.0	
117 4-Isopropyltoluene	119	9.756	9.756	0.000	98	236465	20.0	20.3	
118 1,4-Dichlorobenzene	146	9.768	9.768	0.000	95	117497	20.0	19.8	
119 1,2,3-Trimethylbenzene	105	9.817	9.817	0.000	99	251113	20.0	20.2	
120 Benzyl chloride	126	9.872	9.872	0.000	97	15762	20.0	15.1	a
121 2,3-Dihydroindene	117	9.951	9.951	0.000	94	222697	20.0	20.5	
123 1,2-Dichlorobenzene	146	10.031	10.031	0.000	89	119813	20.0	20.4	
122 p-Diethylbenzene	119	10.037	10.037	0.000	91	147919	20.0	21.1	
124 n-Butylbenzene	92	10.049	10.049	0.000	98	133009	20.0	20.4	a
125 1,2,4,5-Tetramethylbenzene	119	10.579	10.579	0.000	97	234959	20.0	19.9	
126 1,2-Dibromo-3-Chloropropane	157	10.585	10.585	0.000	74	12753	20.0	18.6	
127 1,3,5-Trichlorobenzene	180	10.732	10.732	0.000	97	96665	20.0	19.7	
128 1,2,4-Trichlorobenzene	180	11.152	11.152	0.000	94	96649	20.0	19.9	
129 Hexachlorobutadiene	225	11.274	11.274	0.000	93	40915	20.0	19.3	
130 Naphthalene	128	11.311	11.311	0.000	99	275162	20.0	20.1	a
131 1,2,3-Trichlorobenzene	180	11.488	11.488	0.000	95	97383	20.0	20.1	
S 132 1,2-Dichloroethene, Total	100				0		40.0	42.5	
S 133 1,3-Dichloropropene, Total	100				0		40.0	38.5	
S 134 Xylenes, Total	100				0		40.0	41.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 Total BTEX	1				0		100.0	103.6	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

8260MIX1COMB_00192	Amount Added:	2.00	Units: uL	
524FREONS_00022	Amount Added:	2.00	Units: uL	
ACROLEIN W_00172	Amount Added:	3.00	Units: uL	
GASES Li_00599	Amount Added:	2.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00249	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 23-Aug-2024 20:19:59 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20240823-179979.b\B14060.D

Injection Date: 23-Aug-2024 15:38:30 Instrument ID: CVOAMS2 Operator ID:

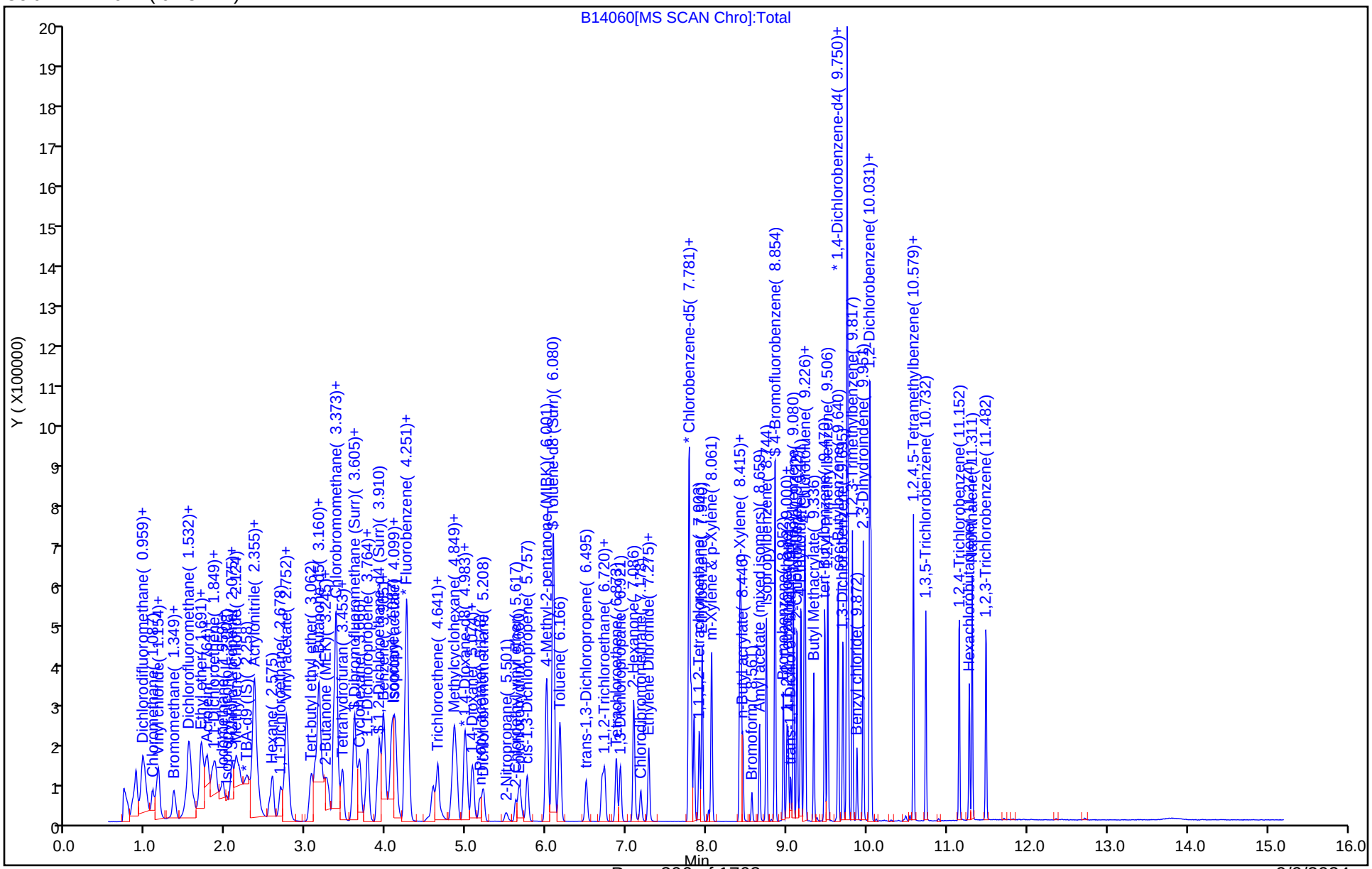
Lims ID: STD20 Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20240823-179979.b\B14061.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 23-Aug-2024 16:02:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0179979-006
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260S_2*sub20

Method: \\chromfs\Edison\ChromData\CVOAMS2\20240823-179979.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 23-Aug-2024 20:20:03 Calib Date: 23-Aug-2024 16:52:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20240823-179979.b\B14063.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1673

First Level Reviewer: PUV6 Date: 23-Aug-2024 17:02:27

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Dichlorodifluoromethane	85	0.977	0.959	0.018	84	223979	50.0	48.0	
2 Chlorodifluoromethane	67	0.977	0.971	0.006	97	28265	50.0	52.2	
3 Chloromethane	50	1.087	1.081	0.006	100	231375	50.0	47.7	
4 Vinyl chloride	62	1.154	1.142	0.012	98	171232	50.0	48.6	
5 Butadiene	54	1.166	1.160	0.006	97	167762	50.0	48.4	
6 Bromomethane	94	1.355	1.343	0.012	99	110610	50.0	44.9	
7 Chloroethane	64	1.368	1.362	0.006	100	88437	50.0	44.8	
9 Dichlorofluoromethane	67	1.532	1.526	0.006	99	256736	50.0	47.0	
8 Pentane	43	1.550	1.538	0.012	94	420885	100.0	101.8	
10 Trichlorofluoromethane	101	1.569	1.557	0.012	80	135777	50.0	45.5	
12 Ethanol	46	1.685	1.685	0.000	79	25030	2000.0	2109.4	M
11 Ethyl ether	59	1.685	1.685	0.000	96	117310	50.0	50.2	
13 2-Methyl-1,3-butadiene	53	1.703	1.691	0.012	97	148513	50.0	50.1	
14 1,2-Dichloro-1,1,2-trifluoroetha	117	1.727	1.721	0.006	91	115549	50.0	49.2	
16 Acrolein	56	1.776	1.764	0.012	97	199270	400.0	403.9	
15 1,1,1-Trifluoro-2,2-dichloroetha	83	1.776	1.764	0.012	94	211536	50.0	50.5	a
17 1,1-Dichloroethene	96	1.837	1.831	0.006	98	149537	50.0	50.8	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.874	1.861	0.013	96	157072	50.0	51.5	
19 Acetone	43	1.880	1.880	0.000	87	244168	250.0	235.4	
20 Iodomethane	142	1.941	1.935	0.006	98	266881	50.0	50.2	
21 Carbon disulfide	76	1.971	1.965	0.006	99	674490	50.0	50.4	M
22 Isopropyl alcohol	45	2.008	2.002	0.006	36	83899	500.0	450.8	
24 3-Chloro-1-propene	39	2.081	2.069	0.012	92	198229	50.0	49.2	
23 Acetonitrile	40	2.075	2.069	0.006	79	91627	500.0	561.3	
25 Methyl acetate	43	2.105	2.099	0.006	99	261460	100.0	98.6	
27 Methylene Chloride	84	2.172	2.160	0.012	92	180179	50.0	46.6	
* 28 TBA-d9 (IS)	65	2.252	2.258	-0.006	0	414269	1000.0	1000.0	
26 2-Methyl-2-propanol	59	2.312	2.307	0.006	91	215985	500.0	476.0	a
29 Acrylonitrile	53	2.349	2.343	0.006	94	624819	500.0	504.4	
30 trans-1,2-Dichloroethene	96	2.367	2.361	0.006	98	159113	50.0	50.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Methyl tert-butyl ether	73	2.386	2.386	0.000	97	481959	50.0	49.4	
32 Hexane	57	2.581	2.575	0.006	92	245375	50.0	50.8	
33 1,1-Dichloroethane	63	2.684	2.678	0.006	100	287361	50.0	49.7	
34 Vinyl acetate	86	2.751	2.739	0.012	100	49256	100.0	104.7	
35 2-Chloro-1,3-butadiene	88	2.758	2.752	0.006	91	139075	50.0	50.8	
36 Isopropyl ether	45	2.770	2.764	0.006	86	498832	50.0	49.4	
37 Tert-butyl ethyl ether	87	3.068	3.069	-0.001	88	199273	50.0	49.4	
* 38 2-Butanone-d5	46	3.148	3.142	0.006	0	403745	250.0	250.0	a
39 cis-1,2-Dichloroethene	96	3.166	3.160	0.006	95	174021	50.0	50.2	
40 2,2-Dichloropropane	79	3.178	3.166	0.012	74	65244	50.0	47.1	
41 2-Butanone (MEK)	72	3.203	3.203	0.000	99	99431	250.0	236.0	
43 Ethyl acetate	43	3.270	3.227	0.043	100	281867	100.0	79.9	
42 Propionitrile	54	3.251	3.245	0.006	95	250891	500.0	473.3	
44 Methyl acrylate	55	3.288	3.282	0.006	99	186246	50.0	48.9	
45 Chlorobromomethane	128	3.373	3.367	0.006	94	79361	50.0	51.4	
46 Methacrylonitrile	67	3.379	3.373	0.006	91	669295	500.0	488.8	
47 Tetrahydrofuran	42	3.428	3.428	0.000	76	127933	100.0	93.5	
48 Chloroform	83	3.459	3.453	0.006	98	272509	50.0	49.3	
$ 49 Dibromofluoromethane (Surr)	113	3.605	3.599	0.006	96	171175	50.0	50.0	
50 1,1,1-Trichloroethane	97	3.617	3.617	0.000	99	213275	50.0	50.4	
51 Cyclohexane	84	3.672	3.666	0.006	92	241753	50.0	50.8	
52 1,1-Dichloropropene	75	3.770	3.764	0.006	95	210974	50.0	51.0	
53 Carbon tetrachloride	117	3.776	3.770	0.006	69	160866	50.0	50.3	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	3.910	3.910	0.000	0	204584	50.0	50.1	
55 Benzene	78	3.965	3.959	0.006	97	617055	50.0	49.4	
56 Isobutyl alcohol	42	3.977	3.971	0.006	95	103376	1250.0	1225.0	
57 1,2-Dichloroethane	62	3.989	3.983	0.006	98	207052	50.0	48.7	
58 Isooctane	57	4.074	4.068	0.006	94	683279	50.0	52.7	
59 Isopropyl acetate	61	4.111	4.105	0.006	95	59506	50.0	49.8	
60 Tert-amyl methyl ether	73	4.117	4.111	0.006	90	569035	50.0	49.4	
* 61 Fluorobenzene	96	4.257	4.251	0.006	98	668358	50.0	50.0	
62 n-Heptane	43	4.288	4.282	0.006	91	242990	50.0	51.5	
63 Trichloroethene	95	4.641	4.635	0.006	96	156538	50.0	50.2	
64 n-Butanol	43	4.678	4.666	0.012	90	50946	1250.0	1217.7	
65 Ethyl acrylate	55	4.836	4.843	-0.007	97	423199	50.0	50.5	
66 Methylcyclohexane	83	4.849	4.843	0.006	96	292082	50.0	52.0	
67 1,2-Dichloropropane	63	4.879	4.879	0.000	94	159402	50.0	49.8	
68 Dibromomethane	93	5.007	5.001	0.006	96	96824	50.0	49.6	
* 69 1,4-Dioxane-d8	96	5.013	5.001	0.012	0	26471	1000.0	1000.0	
70 1,4-Dioxane	88	5.062	5.062	0.000	32	29743	1000.0	1024.5	
71 Methyl methacrylate	100	5.086	5.074	0.012	88	76619	100.0	101.3	
72 n-Propyl acetate	43	5.172	5.166	0.006	98	199298	50.0	48.2	
73 Dichlorobromomethane	83	5.214	5.208	0.006	100	176488	50.0	49.7	
74 2-Nitropropane	41	5.501	5.489	0.012	99	53914	100.0	86.4	
75 2-Chloroethyl vinyl ether	63	5.617	5.617	0.000	95	96182	50.1	49.7	
76 Epichlorohydrin	57	5.665	5.660	0.005	99	346533	1000.0	990.8	
77 cis-1,3-Dichloropropene	75	5.763	5.757	0.006	94	232704	50.0	51.5	
78 4-Methyl-2-pentanone (MIBK)	43	6.001	6.001	0.000	97	820718	250.0	248.5	
$ 79 Toluene-d8 (Surr)	98	6.086	6.086	0.000	98	660486	50.0	49.8	
80 Toluene	91	6.171	6.166	0.005	94	601592	50.0	48.6	
81 trans-1,3-Dichloropropene	75	6.501	6.495	0.006	98	184848	50.0	50.6	
82 Ethyl methacrylate	69	6.696	6.690	0.006	89	187768	50.0	50.9	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 1,1,2-Trichloroethane	83	6.726	6.720	0.006	94	108815	50.0	48.9	
84 Tetrachloroethene	166	6.873	6.867	0.006	95	135699	50.0	50.3	
85 1,3-Dichloropropane	76	6.921	6.921	0.000	95	216102	50.0	48.2	
86 2-Hexanone	43	7.086	7.086	0.000	96	533703	250.0	243.3	
87 Chlorodibromomethane	129	7.177	7.178	-0.001	98	109531	50.0	49.5	
88 Ethylene Dibromide	107	7.275	7.269	0.006	98	123955	50.0	50.4	
89 n-Butyl acetate	43	7.281	7.275	0.006	99	210441	50.0	45.8	
* 90 Chlorobenzene-d5	117	7.781	7.781	0.000	88	453452	50.0	50.0	
91 Chlorobenzene	112	7.805	7.805	0.000	92	364401	50.0	48.7	
92 1,1,1,2-Tetrachloroethane	131	7.909	7.903	0.006	93	124778	50.0	50.1	
93 Ethylbenzene	106	7.946	7.940	0.006	99	203206	50.0	50.2	
94 m-Xylene & p-Xylene	106	8.061	8.061	0.000	0	244285	50.0	49.6	
95 o-Xylene	106	8.415	8.415	0.000	93	256073	50.0	50.6	
96 Styrene	104	8.427	8.427	0.000	94	415304	50.0	50.0	
97 n-Butyl acrylate	73	8.452	8.446	0.006	96	104190	50.0	49.0	
98 Bromoform	173	8.561	8.561	0.000	95	62074	50.0	50.1	
99 Amyl acetate (mixed isomers)	43	8.659	8.659	0.000	91	240352	50.0	45.7	
100 Isopropylbenzene	105	8.744	8.744	0.000	96	616628	50.0	50.6	
$ 101 4-Bromofluorobenzene	174	8.854	8.854	0.000	92	178169	50.0	49.4	
102 Bromobenzene	156	8.958	8.958	0.000	97	153947	50.0	48.5	
103 1,1,2,2-Tetrachloroethane	83	9.000	9.000	0.000	99	187994	50.0	47.5	
104 1,2,3-Trichloropropane	110	9.018	9.019	-0.001	99	50366	50.0	47.0	
105 trans-1,4-Dichloro-2-butene	53	9.043	9.043	0.000	86	46767	50.0	45.8	
106 N-Propylbenzene	120	9.079	9.080	-0.001	98	167859	50.0	49.5	
107 2-Chlorotoluene	126	9.128	9.128	0.000	96	150107	50.0	49.2	
108 4-Ethyltoluene	105	9.177	9.171	0.006	99	637803	50.0	49.3	
109 4-Chlorotoluene	91	9.214	9.214	0.000	99	533509	50.0	48.1	
110 1,3,5-Trimethylbenzene	105	9.226	9.226	0.000	92	565694	50.0	50.5	
111 Butyl Methacrylate	87	9.336	9.336	0.000	92	177590	50.0	51.1	
112 tert-Butylbenzene	119	9.476	9.470	0.006	92	462327	50.0	51.0	
113 1,2,4-Trimethylbenzene	105	9.512	9.506	0.006	98	591760	50.0	49.7	
114 sec-Butylbenzene	105	9.640	9.640	0.000	99	749178	50.0	51.3	
115 1,3-Dichlorobenzene	146	9.701	9.701	0.000	95	297993	50.0	48.5	
* 116 1,4-Dichlorobenzene-d4	152	9.750	9.750	0.000	96	237534	50.0	50.0	
117 4-Isopropyltoluene	119	9.756	9.756	0.000	98	615840	50.0	51.0	
118 1,4-Dichlorobenzene	146	9.768	9.768	0.000	94	298223	50.0	48.5	
119 1,2,3-Trimethylbenzene	105	9.817	9.817	0.000	99	634769	50.0	49.4	
120 Benzyl chloride	126	9.878	9.872	0.006	98	45609	50.0	41.6	
121 2,3-Dihydroindene	117	9.951	9.951	0.000	94	569807	50.0	50.2	
123 1,2-Dichlorobenzene	146	10.030	10.031	-0.001	94	298821	50.0	49.2	
122 p-Diethylbenzene	119	10.037	10.037	0.000	91	373676	50.0	51.5	
124 n-Butylbenzene	92	10.049	10.049	0.000	97	341979	50.0	50.7	
125 1,2,4,5-Tetramethylbenzene	119	10.579	10.579	0.000	97	619845	50.0	50.8	
126 1,2-Dibromo-3-Chloropropane	157	10.585	10.585	0.000	95	35611	50.0	50.1	
127 1,3,5-Trichlorobenzene	180	10.732	10.732	0.000	97	249222	50.0	49.0	
128 1,2,4-Trichlorobenzene	180	11.152	11.152	0.000	94	242459	50.0	48.2	
129 Hexachlorobutadiene	225	11.274	11.274	0.000	94	114368	50.0	52.2	
130 Naphthalene	128	11.311	11.311	0.000	99	670577	50.0	47.3	
131 1,2,3-Trichlorobenzene	180	11.481	11.488	-0.007	95	243686	50.0	48.7	
S 132 1,2-Dichloroethene, Total	100				0		100.0	100.9	
S 133 1,3-Dichloropropene, Total	100				0		100.0	102.0	
S 134 Xylenes, Total	100				0		100.0	100.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 Total BTEX	1				0		250.0	248.4	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

ACROLEIN W_00172	Amount Added:	40.00	Units: uL	
Ethanol mix_00092	Amount Added:	5.00	Units: uL	
7 Freons Hi_00017	Amount Added:	5.00	Units: uL	
GAS Hi_00477	Amount Added:	5.00	Units: uL	
MIX I Hi_00179	Amount Added:	5.00	Units: uL	
MIX 2 Hi_00152	Amount Added:	5.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00249	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 23-Aug-2024 20:20:04 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20240823-179979.b\B14061.D

Injection Date: 23-Aug-2024 16:02:30 Instrument ID: CVOAMS2 Operator ID:

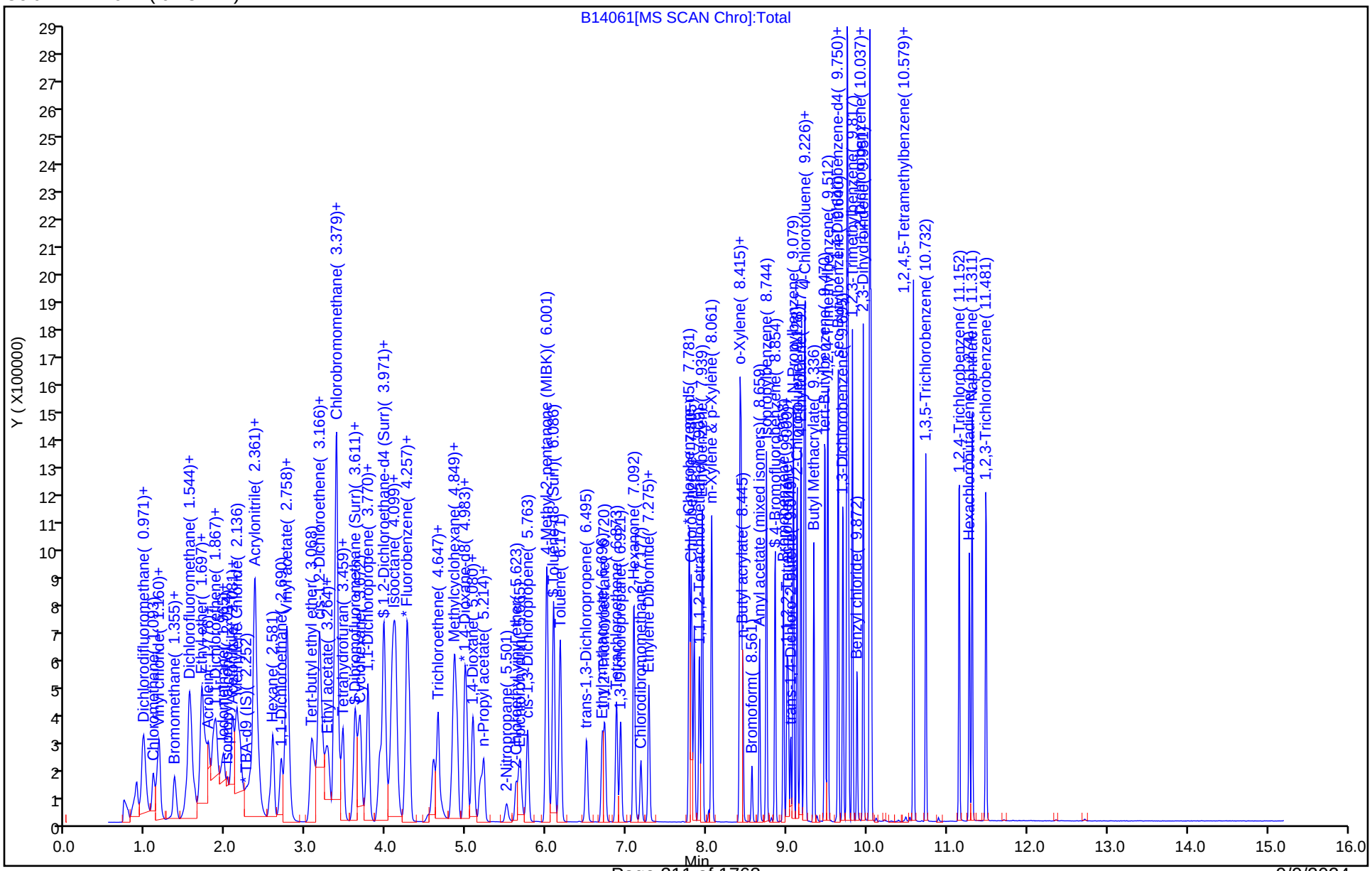
Lims ID: STD50 Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 5

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



9/9/2024
1:05:41 PM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20240823-179979.b\B14062.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 23-Aug-2024 16:27:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0179979-007
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260S_2*sub20

Method: \\chromfs\Edison\ChromData\CVOAMS2\20240823-179979.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 23-Aug-2024 20:20:08 Calib Date: 23-Aug-2024 16:52:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20240823-179979.b\B14063.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1673

First Level Reviewer: PUV6 Date: 23-Aug-2024 17:04:34

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Dichlorodifluoromethane	85	0.977	0.959	0.018	99	1051979	200.0	216.4	
2 Chlorodifluoromethane	67	0.983	0.971	0.012	97	115643	200.0	207.2	
3 Chloromethane	50	1.099	1.081	0.018	99	978839	200.0	193.8	
4 Vinyl chloride	62	1.160	1.142	0.018	98	750723	200.0	204.5	
5 Butadiene	54	1.172	1.160	0.012	97	754128	200.0	209.1	
6 Bromomethane	94	1.355	1.343	0.012	99	474423	200.0	185.2	
7 Chloroethane	64	1.374	1.362	0.012	100	379475	200.0	184.8	
9 Dichlorofluoromethane	67	1.544	1.526	0.018	99	1117011	200.0	196.4	
8 Pentane	43	1.556	1.538	0.018	95	1656455	400.0	385.0	
10 Trichlorofluoromethane	101	1.575	1.557	0.018	96	640701	200.0	206.1	
12 Ethanol	46	1.691	1.685	0.006	76	94048	8000.0	7153.8	M
11 Ethyl ether	59	1.691	1.685	0.006	96	470423	200.0	195.9	
13 2-Methyl-1,3-butadiene	53	1.703	1.691	0.012	95	561446	200.0	182.0	
14 1,2-Dichloro-1,1,2-trifluoroetha	117	1.739	1.721	0.018	95	482830	200.0	197.6	
16 Acrolein	56	1.782	1.764	0.018	45	222181	500.0	406.4	M
15 1,1,1-Trifluoro-2,2-dichloroetha	83	1.782	1.764	0.018	91	845390	200.0	194.1	a
17 1,1-Dichloroethene	96	1.843	1.831	0.012	98	601668	200.0	196.5	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.880	1.861	0.019	96	645566	200.0	203.3	
19 Acetone	43	1.886	1.880	0.006	88	990960	1000.0	952.7	
20 Iodomethane	142	1.947	1.935	0.012	99	1091011	200.0	197.2	
21 Carbon disulfide	76	1.977	1.965	0.012	99	2740736	200.0	196.6	M
22 Isopropyl alcohol	45	2.026	2.002	0.024	35	361868	2000.0	1754.9	a
24 3-Chloro-1-propene	39	2.081	2.069	0.012	94	820556	200.0	195.7	
23 Acetonitrile	40	2.087	2.069	0.018	78	334061	2000.0	1846.9	
25 Methyl acetate	43	2.111	2.099	0.012	100	1113505	400.0	403.6	
27 Methylene Chloride	84	2.178	2.160	0.018	92	718601	200.0	178.7	
* 28 TBA-d9 (IS)	65	2.276	2.258	0.018	0	458991	1000.0	1000.0	M
26 2-Methyl-2-propanol	59	2.331	2.307	0.025	91	953312	2000.0	1896.3	a
29 Acrylonitrile	53	2.355	2.343	0.012	94	2521056	2000.0	1836.7	
30 trans-1,2-Dichloroethene	96	2.367	2.361	0.006	97	635316	200.0	194.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Methyl tert-butyl ether	73	2.392	2.386	0.006	97	1971935	200.0	194.1	
32 Hexane	57	2.581	2.575	0.006	92	1012349	200.0	201.4	
33 1,1-Dichloroethane	63	2.690	2.678	0.012	100	1174276	200.0	195.0	
34 Vinyl acetate	86	2.751	2.739	0.012	100	192687	400.0	383.8	
35 2-Chloro-1,3-butadiene	88	2.763	2.752	0.011	92	563655	200.0	197.8	
36 Isopropyl ether	45	2.776	2.764	0.012	85	2002674	200.0	190.6	
37 Tert-butyl ethyl ether	87	3.081	3.069	0.011	88	834971	200.0	198.9	
* 38 2-Butanone-d5	46	3.154	3.142	0.012	0	430949	250.0	250.0	a
39 cis-1,2-Dichloroethene	96	3.172	3.160	0.012	95	701506	200.0	194.3	
40 2,2-Dichloropropane	79	3.184	3.166	0.018	95	285300	200.0	197.8	
41 2-Butanone (MEK)	72	3.202	3.203	-0.001	99	422985	1000.0	940.5	
43 Ethyl acetate	43	3.269	3.227	0.042	99	1240502	400.0	329.3	M
42 Propionitrile	54	3.257	3.245	0.012	94	1047245	2000.0	1850.8	
44 Methyl acrylate	55	3.294	3.282	0.012	99	776711	200.0	196.0	a
45 Chlorobromomethane	128	3.379	3.367	0.012	94	317841	200.0	197.9	
46 Methacrylonitrile	67	3.385	3.373	0.012	93	2734176	2000.0	1918.8	
47 Tetrahydrofuran	42	3.428	3.428	0.000	92	529320	400.0	362.3	
48 Chloroform	83	3.465	3.453	0.012	99	1116962	200.0	194.3	
$ 49 Dibromofluoromethane (Surr)	113	3.605	3.599	0.006	96	177298	50.0	49.7	
50 1,1,1-Trichloroethane	97	3.623	3.617	0.006	99	902898	200.0	204.8	
51 Cyclohexane	84	3.678	3.666	0.012	92	987593	200.0	199.3	
52 1,1-Dichloropropene	75	3.775	3.764	0.011	96	874051	200.0	202.9	
53 Carbon tetrachloride	117	3.782	3.770	0.012	99	713942	200.0	214.6	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	3.916	3.910	0.006	0	210101	50.0	49.4	
55 Benzene	78	3.971	3.959	0.012	97	2531082	200.0	190.9	
56 Isobutyl alcohol	42	3.977	3.971	0.006	49	474453	5000.0	5074.6	
57 1,2-Dichloroethane	62	3.989	3.983	0.006	98	855553	200.0	193.3	
58 Isooctane	57	4.086	4.068	0.018	95	2761725	200.0	204.6	
59 Isopropyl acetate	61	4.117	4.105	0.012	96	259099	200.0	208.3	
60 Tert-amyl methyl ether	73	4.123	4.111	0.012	90	2454285	200.0	204.6	
* 61 Fluorobenzene	96	4.257	4.251	0.006	99	695536	50.0	50.0	a
62 n-Heptane	43	4.288	4.282	0.006	92	1008149	200.0	205.1	
63 Trichloroethene	95	4.647	4.635	0.012	96	667041	200.0	205.7	
64 n-Butanol	43	4.672	4.666	0.006	90	265436	5000.0	5726.2	
65 Ethyl acrylate	55	4.836	4.843	-0.007	98	1807917	200.0	207.4	
66 Methylcyclohexane	83	4.855	4.843	0.012	96	1190245	200.0	203.5	
67 1,2-Dichloropropane	63	4.885	4.879	0.006	92	661160	200.0	198.6	
68 Dibromomethane	93	5.013	5.001	0.012	96	403441	200.0	198.5	
* 69 1,4-Dioxane-d8	96	5.019	5.001	0.018	0	30115	1000.0	1000.0	
70 1,4-Dioxane	88	5.068	5.062	0.006	88	124996	4000.0	3784.7	
71 Methyl methacrylate	100	5.086	5.074	0.012	91	340921	400.0	433.0	
72 n-Propyl acetate	43	5.178	5.166	0.012	98	890194	200.0	207.0	
73 Dichlorobromomethane	83	5.220	5.208	0.012	100	792286	200.0	214.3	
74 2-Nitropropane	41	5.501	5.489	0.012	98	293238	400.0	451.4	
75 2-Chloroethyl vinyl ether	63	5.629	5.617	0.012	94	422283	200.5	209.6	
76 Epichlorohydrin	57	5.671	5.660	0.011	99	1533195	4000.0	4106.8	
77 cis-1,3-Dichloropropene	75	5.769	5.757	0.012	94	1033750	200.0	215.6	
78 4-Methyl-2-pentanone (MIBK)	43	6.007	6.001	0.006	97	3408190	1000.0	966.8	
$ 79 Toluene-d8 (Surr)	98	6.092	6.086	0.006	98	693447	50.0	49.3	
80 Toluene	91	6.177	6.166	0.011	93	2539036	200.0	193.5	
81 trans-1,3-Dichloropropene	75	6.501	6.495	0.006	98	867240	200.0	223.7	
82 Ethyl methacrylate	69	6.696	6.690	0.006	89	845637	200.0	220.1	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 1,1,2-Trichloroethane	83	6.732	6.720	0.012	95	460108	200.0	194.9	
84 Tetrachloroethene	166	6.879	6.867	0.012	97	576538	200.0	201.3	
85 1,3-Dichloropropane	76	6.927	6.921	0.006	94	922472	200.0	193.9	
86 2-Hexanone	43	7.092	7.086	0.006	95	2266359	1000.0	968.0	
87 Chlorodibromomethane	129	7.177	7.178	-0.001	98	539858	200.0	230.1	
88 Ethylene Dibromide	107	7.275	7.269	0.006	98	539420	200.0	206.9	
89 n-Butyl acetate	43	7.281	7.275	0.006	99	933303	200.0	191.5	
* 90 Chlorobenzene-d5	117	7.781	7.781	0.000	88	480930	50.0	50.0	
91 Chlorobenzene	112	7.811	7.805	0.006	92	1551234	200.0	195.4	
92 1,1,1,2-Tetrachloroethane	131	7.909	7.903	0.006	94	568432	200.0	215.1	
93 Ethylbenzene	106	7.945	7.940	0.005	99	836021	200.0	194.7	
94 m-Xylene & p-Xylene	106	8.061	8.061	0.000	0	1037082	200.0	198.7	
95 o-Xylene	106	8.415	8.415	0.000	93	1031715	200.0	192.3	
96 Styrene	104	8.433	8.427	0.006	94	1707182	200.0	193.9	
97 n-Butyl acrylate	73	8.451	8.446	0.005	96	456507	200.0	202.5	
98 Bromoform	173	8.567	8.561	0.006	96	338476	200.0	257.7	
99 Amyl acetate (mixed isomers)	43	8.659	8.659	0.000	91	1046272	200.0	198.7	
100 Isopropylbenzene	105	8.744	8.744	0.000	96	2548976	200.0	197.1	
$ 101 4-Bromofluorobenzene	174	8.854	8.854	0.000	85	187115	50.0	51.8	
102 Bromobenzene	156	8.957	8.958	-0.001	96	639406	200.0	201.4	
103 1,1,2,2-Tetrachloroethane	83	9.000	9.000	0.000	99	779820	200.0	197.1	
104 1,2,3-Trichloropropane	110	9.018	9.019	-0.001	98	207816	200.0	194.1	
105 trans-1,4-Dichloro-2-butene	53	9.049	9.043	0.006	92	212379	200.0	208.1	
106 N-Propylbenzene	120	9.085	9.080	0.005	98	698916	200.0	206.1	
107 2-Chlorotoluene	126	9.128	9.128	0.000	96	627413	200.0	205.8	
108 4-Ethyltoluene	105	9.177	9.171	0.006	99	2686967	200.0	207.5	
109 4-Chlorotoluene	91	9.220	9.214	0.006	99	2239650	200.0	201.9	
110 1,3,5-Trimethylbenzene	105	9.232	9.226	0.006	91	2367409	200.0	211.3	
111 Butyl Methacrylate	87	9.335	9.336	-0.001	93	806101	200.0	231.9	
112 tert-Butylbenzene	119	9.476	9.470	0.006	92	1975993	200.0	217.8	
113 1,2,4-Trimethylbenzene	105	9.512	9.506	0.006	98	2432059	200.0	204.3	
114 sec-Butylbenzene	105	9.640	9.640	0.000	99	3144895	200.0	215.4	
115 1,3-Dichlorobenzene	146	9.701	9.701	0.000	95	1212087	200.0	197.4	
* 116 1,4-Dichlorobenzene-d4	152	9.750	9.750	0.000	97	237613	50.0	50.0	
117 4-Isopropyltoluene	119	9.756	9.756	0.000	97	2526659	200.0	209.2	
118 1,4-Dichlorobenzene	146	9.768	9.768	0.000	93	1178739	200.0	191.8	
119 1,2,3-Trimethylbenzene	105	9.817	9.817	0.000	100	2650974	200.0	206.2	
120 Benzyl chloride	126	9.878	9.872	0.006	98	242389	200.0	203.4	
121 2,3-Dihydroindene	117	9.957	9.951	0.006	94	2322689	200.0	196.8	
123 1,2-Dichlorobenzene	146	10.036	10.031	0.005	92	1160922	200.0	190.9	
122 p-Diethylbenzene	119	10.036	10.037	-0.001	92	1483317	200.0	204.4	
124 n-Butylbenzene	92	10.055	10.049	0.006	97	1364169	200.0	202.4	
125 1,2,4,5-Tetramethylbenzene	119	10.579	10.579	0.000	96	2541544	200.0	208.1	
126 1,2-Dibromo-3-Chloropropane	157	10.585	10.585	0.000	95	166079	200.0	233.6	
127 1,3,5-Trichlorobenzene	180	10.738	10.732	0.006	97	1003352	200.0	197.1	
128 1,2,4-Trichlorobenzene	180	11.152	11.152	0.000	94	975230	200.0	193.7	
129 Hexachlorobutadiene	225	11.280	11.274	0.006	95	485979	200.0	221.9	
130 Naphthalene	128	11.311	11.311	0.000	99	2767842	200.0	195.0	
131 1,2,3-Trichlorobenzene	180	11.487	11.488	-0.001	95	974634	200.0	194.6	
S 132 1,2-Dichloroethene, Total	100				0		400.0	389.1	
S 133 1,3-Dichloropropene, Total	100				0		400.0	439.3	
S 134 Xylenes, Total	100				0		400.0	391.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 Total BTEX	1				0		1000.0	970.1	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

GAS Hi_00477	Amount Added:	2.00	Units: uL	
Ethanol mix_00092	Amount Added:	2.00	Units: uL	
MIX I Hi_00179	Amount Added:	2.00	Units: uL	
MIX 2 Hi_00152	Amount Added:	2.00	Units: uL	
7 Freons Hi_00017	Amount Added:	2.00	Units: uL	
ACROLEIN W_00172	Amount Added:	5.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00249	Amount Added:	1.00	Units: uL	Run Reagent

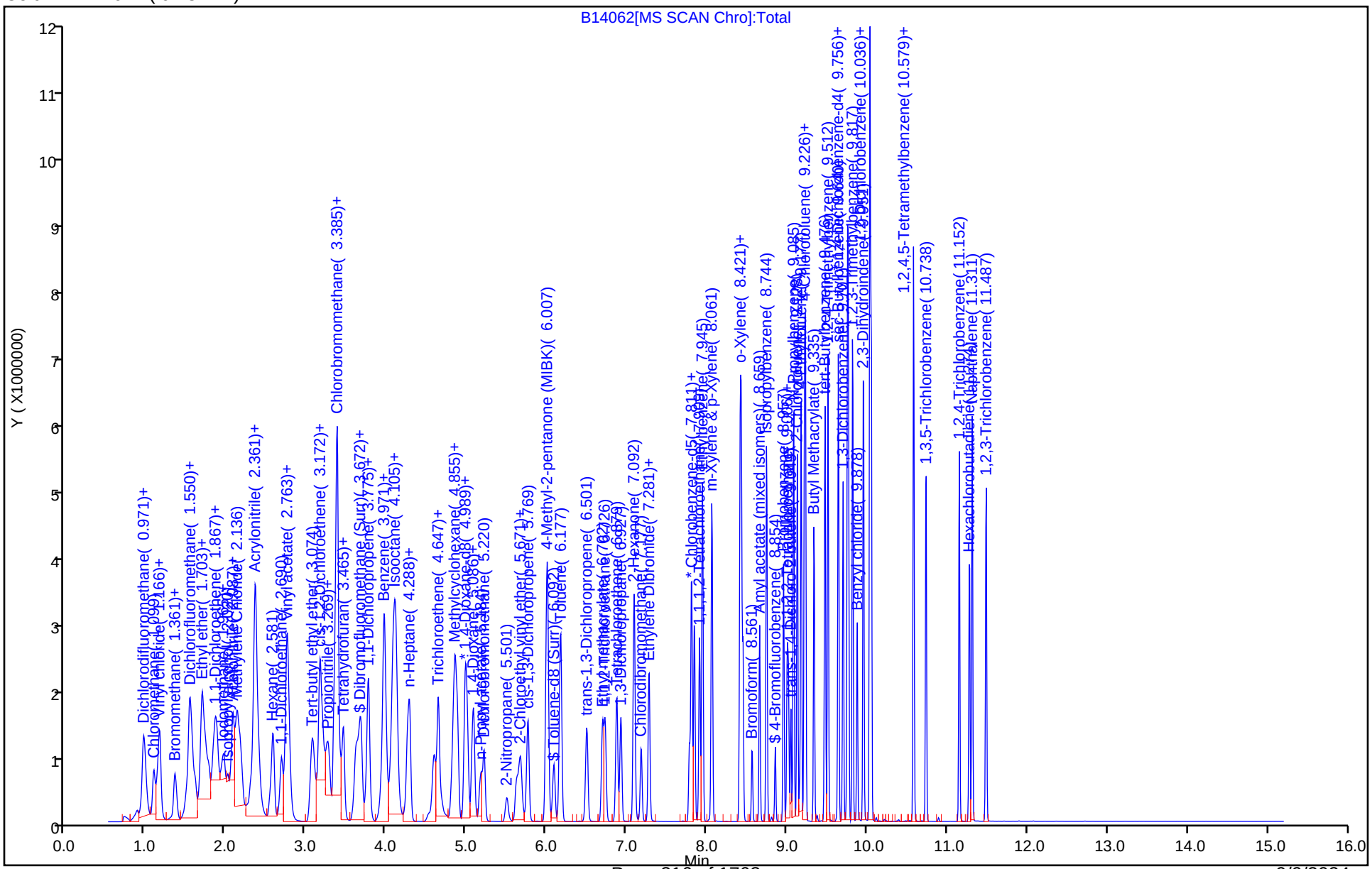
Report Date: 23-Aug-2024 20:20:08 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20240823-179979.b\B14062.D

Injection Date:	23-Aug-2024 16:27:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	STD200			Worklist Smp#:	7
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



9/9/2024
1:05:41 PM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20240823-179979.b\B14063.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 23-Aug-2024 16:52:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0179979-008
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260S_2*sub20

Method: \\chromfs\Edison\ChromData\CVOAMS2\20240823-179979.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 23-Aug-2024 20:20:12 Calib Date: 23-Aug-2024 16:52:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20240823-179979.b\B14063.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1673

First Level Reviewer: NN6A Date: 23-Aug-2024 17:33:10

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Dichlorodifluoromethane	85	0.977	0.959	0.018	99	2480130	500.0	513.1	
2 Chlorodifluoromethane	67	0.983	0.971	0.012	97	270717	500.0	488.7	
3 Chloromethane	50	1.093	1.081	0.012	100	2314350	500.0	460.8	
4 Vinyl chloride	62	1.154	1.142	0.012	99	1722005	500.0	471.8	
5 Butadiene	54	1.166	1.160	0.006	98	1709547	500.0	476.6	
6 Bromomethane	94	1.355	1.343	0.012	99	935399	500.0	367.3	
7 Chloroethane	64	1.374	1.362	0.012	99	726059	500.0	355.6	
9 Dichlorofluoromethane	67	1.538	1.526	0.012	99	2245091	500.0	396.9	
8 Pentane	43	1.605	1.538	0.067	94	3474773	1000.0	812.2	
10 Trichlorofluoromethane	101	1.569	1.557	0.012	97	1454112	500.0	470.4	
12 Ethanol	46	1.697	1.685	0.012	82	202427	20000	15556	M
11 Ethyl ether	59	1.685	1.685	0.000	95	1074429	500.0	451.1	
13 2-Methyl-1,3-butadiene	53	1.703	1.691	0.012	98	1311705	500.0	427.7	
14 1,2-Dichloro-1,1,2-trifluoroetha	117	1.739	1.721	0.018	95	1090323	500.0	448.8	
16 Acrolein	56	1.782	1.764	0.018	58	274480	600.0	507.3	
15 1,1,1-Trifluoro-2,2-dichloroetha	83	1.782	1.764	0.018	94	1917765	500.0	442.9	a
17 1,1-Dichloroethene	96	1.855	1.831	0.024	98	1465560	500.0	481.4	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.874	1.861	0.013	97	1588833	500.0	503.2	
19 Acetone	43	1.886	1.880	0.006	87	2300494	2500.0	2584.4	
20 Iodomethane	142	1.953	1.935	0.018	98	2749451	500.0	499.8	
21 Carbon disulfide	76	2.020	1.965	0.055	99	7035400	500.0	507.5	
22 Isopropyl alcohol	45	2.014	2.002	0.012	34	1191011	5000.0	5835.3	
24 3-Chloro-1-propene	39	2.081	2.069	0.012	89	2277378	500.0	546.3	a
23 Acetonitrile	40	2.081	2.069	0.012	77	765444	5000.0	4275.6	
25 Methyl acetate	43	2.111	2.099	0.012	99	2917274	1000.0	1063.5	
27 Methylene Chloride	84	2.184	2.160	0.024	91	1805252	500.0	451.4	
* 28 TBA-d9 (IS)	65	2.258	2.258	0.000	0	454307	1000.0	1000.0	
26 2-Methyl-2-propanol	59	2.337	2.307	0.031	91	2370241	5000.0	4763.5	a
29 Acrylonitrile	53	2.355	2.343	0.012	94	6020132	5000.0	4431.2	
30 trans-1,2-Dichloroethene	96	2.367	2.361	0.006	97	1547007	500.0	476.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Methyl tert-butyl ether	73	2.392	2.386	0.006	97	4861589	500.0	481.2	
32 Hexane	57	2.581	2.575	0.006	92	2500997	500.0	500.3	
33 1,1-Dichloroethane	63	2.684	2.678	0.006	100	2938256	500.0	490.7	
34 Vinyl acetate	86	2.751	2.739	0.012	100	522680	1000.0	1071.7	
35 2-Chloro-1,3-butadiene	88	2.757	2.752	0.005	93	1372149	500.0	484.4	
36 Isopropyl ether	45	2.782	2.764	0.018	88	4959188	500.0	474.5	
37 Tert-butyl ethyl ether	87	3.074	3.069	0.005	88	2115410	500.0	506.7	
* 38 2-Butanone-d5	46	3.160	3.142	0.018	0	418629	250.0	250.0	a
39 cis-1,2-Dichloroethene	96	3.172	3.160	0.012	95	1731321	500.0	482.4	
40 2,2-Dichloropropane	79	3.190	3.166	0.024	94	720959	500.0	502.6	
41 2-Butanone (MEK)	72	3.209	3.203	0.006	99	1022275	2500.0	2339.9	
43 Ethyl acetate	43	3.270	3.227	0.043	100	3417076	1000.0	933.8	
42 Propionitrile	54	3.263	3.245	0.018	95	2539693	5000.0	4620.5	
44 Methyl acrylate	55	3.294	3.282	0.012	99	1944346	500.0	493.3	
45 Chlorobromomethane	128	3.379	3.367	0.012	92	753713	500.0	472.0	
46 Methacrylonitrile	67	3.398	3.373	0.025	92	6428474	5000.0	4537.1	
47 Tetrahydrofuran	42	3.434	3.428	0.006	92	1295476	1000.0	912.8	
48 Chloroform	83	3.465	3.453	0.012	99	2779623	500.0	486.2	
$ 49 Dibromofluoromethane (Surr)	113	3.605	3.599	0.006	96	175270	50.0	49.4	
50 1,1,1-Trichloroethane	97	3.629	3.617	0.012	99	2300050	500.0	524.8	
51 Cyclohexane	84	3.684	3.666	0.018	92	2469375	500.0	501.2	
52 1,1-Dichloropropene	75	3.769	3.764	0.005	96	2152417	500.0	502.4	
53 Carbon tetrachloride	117	3.782	3.770	0.012	99	1862272	500.0	562.9	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	3.916	3.910	0.006	0	209395	50.0	49.6	
55 Benzene	78	3.971	3.959	0.012	97	6267569	500.0	469.1	
56 Isobutyl alcohol	42	3.983	3.971	0.012	98	1116915	12500	12069	
57 1,2-Dichloroethane	62	3.995	3.983	0.012	98	2133867	500.0	484.8	
58 Isooctane	57	4.093	4.068	0.025	93	6933111	500.0	516.6	
59 Isopropyl acetate	61	4.117	4.105	0.012	96	620612	500.0	501.7	
60 Tert-amyl methyl ether	73	4.129	4.111	0.018	91	6090986	500.0	510.7	
* 61 Fluorobenzene	96	4.257	4.251	0.006	99	691612	50.0	50.0	a
62 n-Heptane	43	4.288	4.282	0.006	92	2497389	500.0	511.0	
63 Trichloroethene	95	4.647	4.635	0.012	97	1643628	500.0	509.6	
64 n-Butanol	43	4.672	4.666	0.006	88	629077	12500	13711	
65 Ethyl acrylate	55	4.836	4.843	-0.007	97	4528660	500.0	522.4	
66 Methylcyclohexane	83	4.861	4.843	0.018	96	2916178	500.0	501.5	
67 1,2-Dichloropropane	63	4.891	4.879	0.012	90	1618166	500.0	488.9	
68 Dibromomethane	93	5.013	5.001	0.012	97	992792	500.0	491.2	
* 69 1,4-Dioxane-d8	96	5.007	5.001	0.006	0	33329	1000.0	1000.0	
70 1,4-Dioxane	88	5.062	5.062	0.000	94	312367	10000	8545.9	a
71 Methyl methacrylate	100	5.086	5.074	0.012	93	859357	1000.0	1097.7	
72 n-Propyl acetate	43	5.178	5.166	0.012	98	2260959	500.0	528.7	
73 Dichlorobromomethane	83	5.220	5.208	0.012	99	2067005	500.0	562.2	
74 2-Nitropropane	41	5.507	5.489	0.018	99	805971	1000.0	1247.8	
75 2-Chloroethyl vinyl ether	63	5.629	5.617	0.012	95	1071709	501.2	534.9	
76 Epichlorohydrin	57	5.678	5.660	0.018	99	3777809	10000	10417	
77 cis-1,3-Dichloropropene	75	5.769	5.757	0.012	94	2665581	500.0	551.7	
78 4-Methyl-2-pentanone (MIBK)	43	6.013	6.001	0.012	97	8194718	2500.0	2393.0	
$ 79 Toluene-d8 (Surr)	98	6.092	6.086	0.006	99	694256	50.0	49.0	
80 Toluene	91	6.178	6.166	0.012	93	6454694	500.0	488.1	
81 trans-1,3-Dichloropropene	75	6.507	6.495	0.012	98	2292554	500.0	586.9	
82 Ethyl methacrylate	69	6.702	6.690	0.012	88	2137915	500.0	559.6	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 1,1,2-Trichloroethane	83	6.732	6.720	0.012	95	1150800	500.0	483.8	
84 Tetrachloroethene	166	6.879	6.867	0.012	96	1439284	500.0	498.7	
85 1,3-Dichloropropane	76	6.927	6.921	0.006	95	2327774	500.0	485.5	
86 2-Hexanone	43	7.098	7.086	0.012	96	5526302	2500.0	2429.7	
87 Chlorodibromomethane	129	7.183	7.178	0.005	98	1454977	500.0	615.4	
88 Ethylene Dibromide	107	7.281	7.269	0.012	98	1351062	500.0	514.3	
89 n-Butyl acetate	43	7.281	7.275	0.006	99	2336451	500.0	475.7	
* 90 Chlorobenzene-d5	117	7.787	7.781	0.006	88	484631	50.0	50.0	
91 Chlorobenzene	112	7.811	7.805	0.006	92	3889597	500.0	486.3	
92 1,1,1,2-Tetrachloroethane	131	7.909	7.903	0.006	95	1461572	500.0	548.7	
93 Ethylbenzene	106	7.952	7.940	0.012	99	2063305	500.0	476.9	
94 m-Xylene & p-Xylene	106	8.067	8.061	0.006	0	2557362	500.0	486.3	
95 o-Xylene	106	8.421	8.415	0.006	92	2468043	500.0	456.5	
96 Styrene	104	8.433	8.427	0.006	94	4076293	500.0	459.4	
97 n-Butyl acrylate	73	8.451	8.446	0.005	96	1132505	500.0	498.6	
98 Bromoform	173	8.567	8.561	0.006	96	936269	500.0	707.3	
99 Amyl acetate (mixed isomers)	43	8.659	8.659	0.000	91	2638477	500.0	539.8	
100 Isopropylbenzene	105	8.750	8.744	0.006	96	6325956	500.0	485.5	
$ 101 4-Bromofluorobenzene	174	8.860	8.854	0.006	90	190330	50.0	56.8	
102 Bromobenzene	156	8.964	8.958	0.006	99	1605326	500.0	544.9	
103 1,1,2,2-Tetrachloroethane	83	9.006	9.000	0.006	99	1932416	500.0	526.3	
104 1,2,3-Trichloropropane	110	9.018	9.019	-0.001	99	506323	500.0	509.4	
105 trans-1,4-Dichloro-2-butene	53	9.049	9.043	0.006	93	536286	500.0	566.2	
106 N-Propylbenzene	120	9.086	9.080	0.006	98	1686485	500.0	535.8	
107 2-Chlorotoluene	126	9.134	9.128	0.006	96	1542695	500.0	545.1	
108 4-Ethyltoluene	105	9.183	9.171	0.012	99	6615337	500.0	550.5	
109 4-Chlorotoluene	91	9.220	9.214	0.006	98	5431134	500.0	527.5	
110 1,3,5-Trimethylbenzene	105	9.232	9.226	0.006	91	5527045	500.0	531.4	
111 Butyl Methacrylate	87	9.342	9.336	0.006	92	2000670	500.0	620.1	
112 tert-Butylbenzene	119	9.476	9.470	0.006	92	4901661	500.0	582.2	
113 1,2,4-Trimethylbenzene	105	9.518	9.506	0.012	97	5858083	500.0	530.1	
114 sec-Butylbenzene	105	9.646	9.640	0.006	99	7465173	500.0	550.9	
115 1,3-Dichlorobenzene	146	9.707	9.701	0.006	96	2947810	500.0	517.1	
* 116 1,4-Dichlorobenzene-d4	152	9.756	9.750	0.006	96	220550	50.0	50.0	
117 4-Isopropyltoluene	119	9.762	9.756	0.006	98	5793507	500.0	516.8	
118 1,4-Dichlorobenzene	146	9.774	9.768	0.006	95	2723791	500.0	477.6	
119 1,2,3-Trimethylbenzene	105	9.823	9.817	0.006	99	6298242	500.0	527.7	
120 Benzyl chloride	126	9.878	9.872	0.006	98	634203	500.0	499.6	
121 2,3-Dihydroindene	117	9.957	9.951	0.006	94	5477367	500.0	466.8	
123 1,2-Dichlorobenzene	146	10.037	10.031	0.006	92	2555369	500.0	452.8	
122 p-Diethylbenzene	119	10.043	10.037	0.006	88	3233626	500.0	480.2	
124 n-Butylbenzene	92	10.055	10.049	0.006	97	3090072	500.0	493.9	
125 1,2,4,5-Tetramethylbenzene	119	10.585	10.579	0.006	96	5783384	500.0	510.3	
126 1,2-Dibromo-3-Chloropropane	157	10.591	10.585	0.006	93	400863	500.0	607.6	
127 1,3,5-Trichlorobenzene	180	10.738	10.732	0.006	97	2330643	500.0	493.3	
128 1,2,4-Trichlorobenzene	180	11.152	11.152	0.000	94	2243025	500.0	479.9	
129 Hexachlorobutadiene	225	11.280	11.274	0.006	94	1125676	500.0	553.8	
130 Naphthalene	128	11.317	11.311	0.006	99	6512036	500.0	494.4	
131 1,2,3-Trichlorobenzene	180	11.487	11.488	-0.001	96	2232260	500.0	480.1	
S 132 1,2-Dichloroethene, Total	100				0		1000.0	959.2	
S 133 1,3-Dichloropropene, Total	100				0		1000.0	1138.6	
S 134 Xylenes, Total	100				0		1000.0	942.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 Total BTEX	1				0		2500.0	2376.9	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

GAS Hi_00477	Amount Added:	5.00	Units: uL	
Ethanol mix_00092	Amount Added:	5.00	Units: uL	
MIX I Hi_00179	Amount Added:	5.00	Units: uL	
MIX 2 Hi_00152	Amount Added:	5.00	Units: uL	
7 Freons Hi_00017	Amount Added:	5.00	Units: uL	
ACROLEIN W_00172	Amount Added:	6.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00249	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 23-Aug-2024 20:20:13 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20240823-179979.b\B14063.D

Injection Date: 23-Aug-2024 16:52:30 Instrument ID: CVOAMS2 Operator ID:

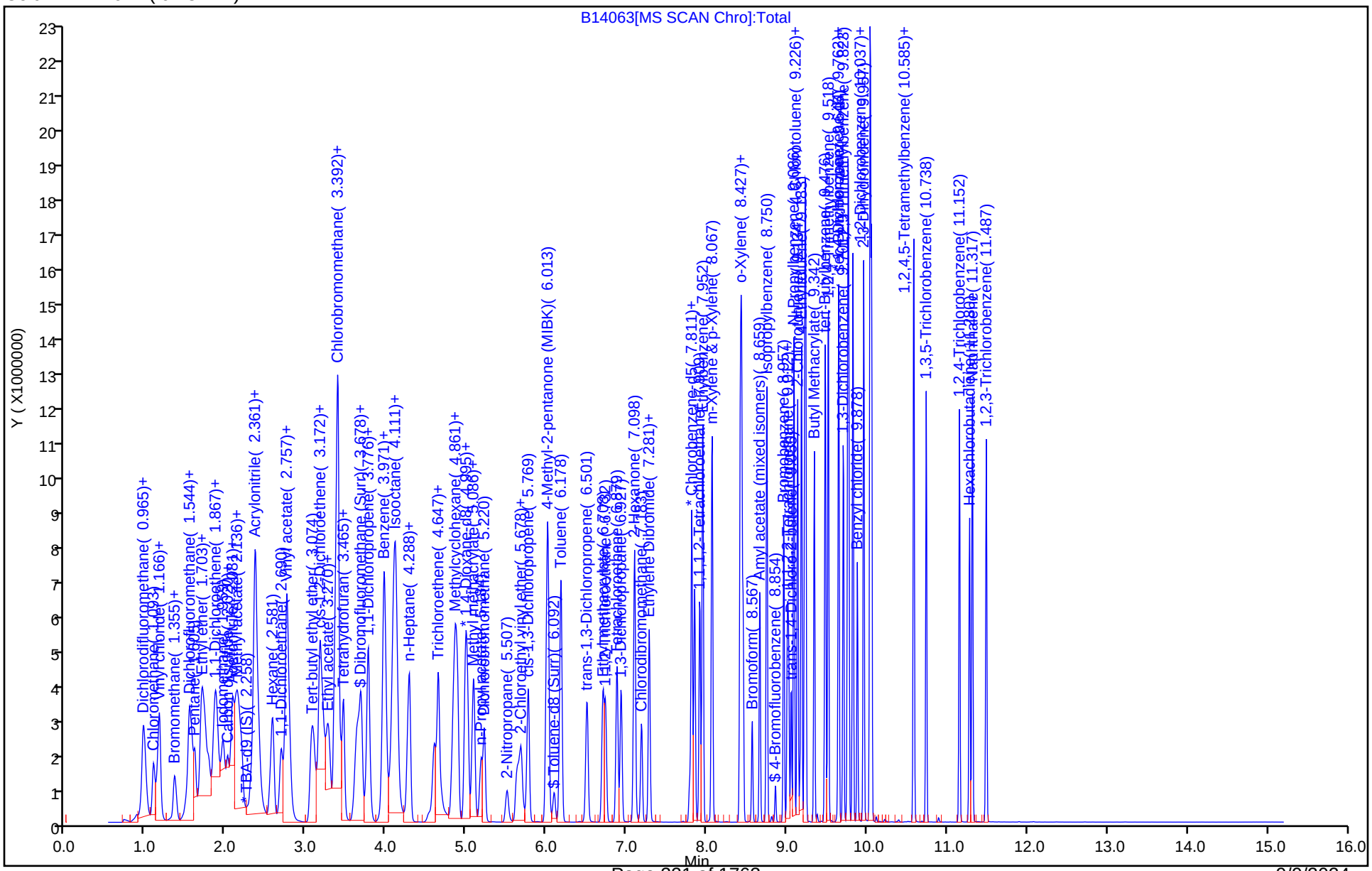
Lims ID: STD500 Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 7

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



9/9/2024
1:05:41 PM

Calibration / Chlorodifluoromethane

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

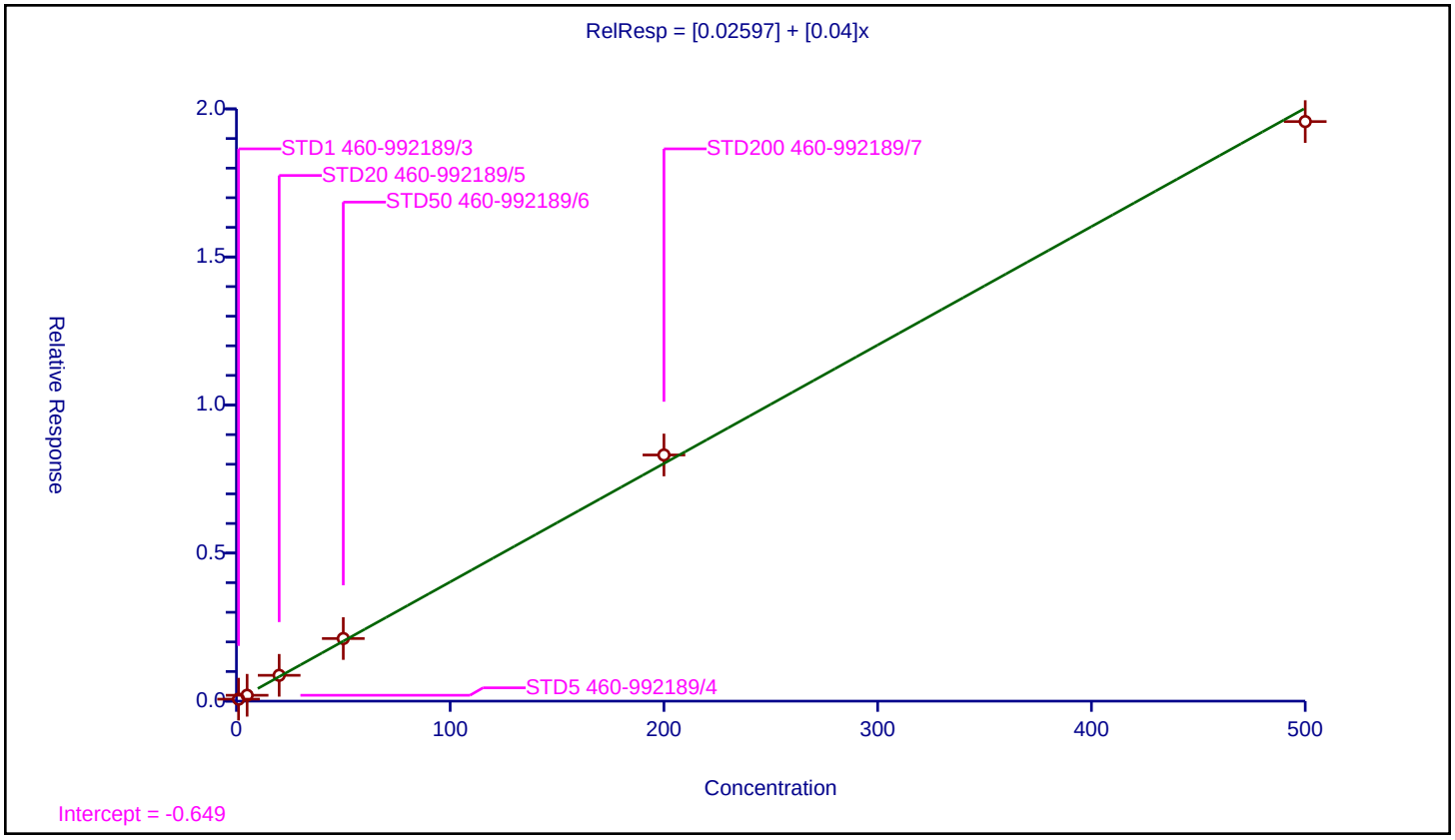
Curve Coefficients

Intercept:	0.02597
Slope:	0.04

Error Coefficients

Relative Standard Deviation:	8.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0	0.066923	50.0	665688.0	0.066923	Y
2	STD5 460-992189/4	5.0	0.198053	50.0	635688.0	0.039611	Y
3	STD20 460-992189/5	20.0	0.872258	50.0	640464.0	0.043613	Y
4	STD50 460-992189/6	50.0	2.11451	50.0	668358.0	0.04229	Y
5	STD200 460-992189/7	200.0	8.313229	50.0	695536.0	0.041566	Y
6	STD500 460-992189/8	500.0	19.57145	50.0	691612.0	0.039143	Y



9/9/2024
1:05:41 PM

Calibration / Dichlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

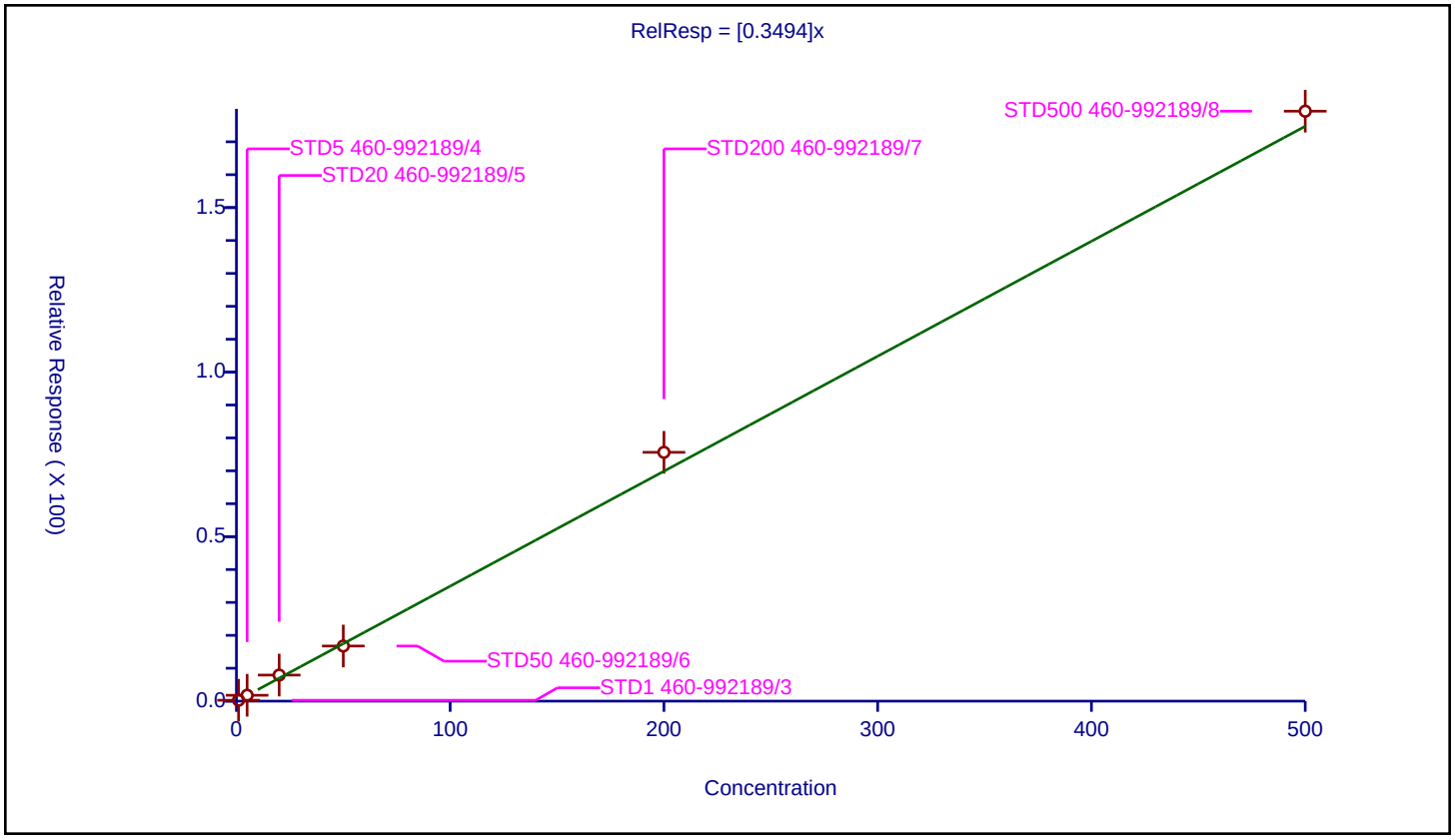
Curve Coefficients

Intercept:	0
Slope:	0.3494

Error Coefficients

Relative Standard Deviation:	12.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0	0.271974	50.0	665688.0	0.271974	Y
2	STD5 460-992189/4	5.0	1.78295	50.0	635688.0	0.35659	Y
3	STD20 460-992189/5	20.0	7.923787	50.0	640464.0	0.396189	Y
4	STD50 460-992189/6	50.0	16.755915	50.0	668358.0	0.335118	Y
5	STD200 460-992189/7	200.0	75.62362	50.0	695536.0	0.378118	Y
6	STD500 460-992189/8	500.0	179.300677	50.0	691612.0	0.358601	Y



Calibration / Chloromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

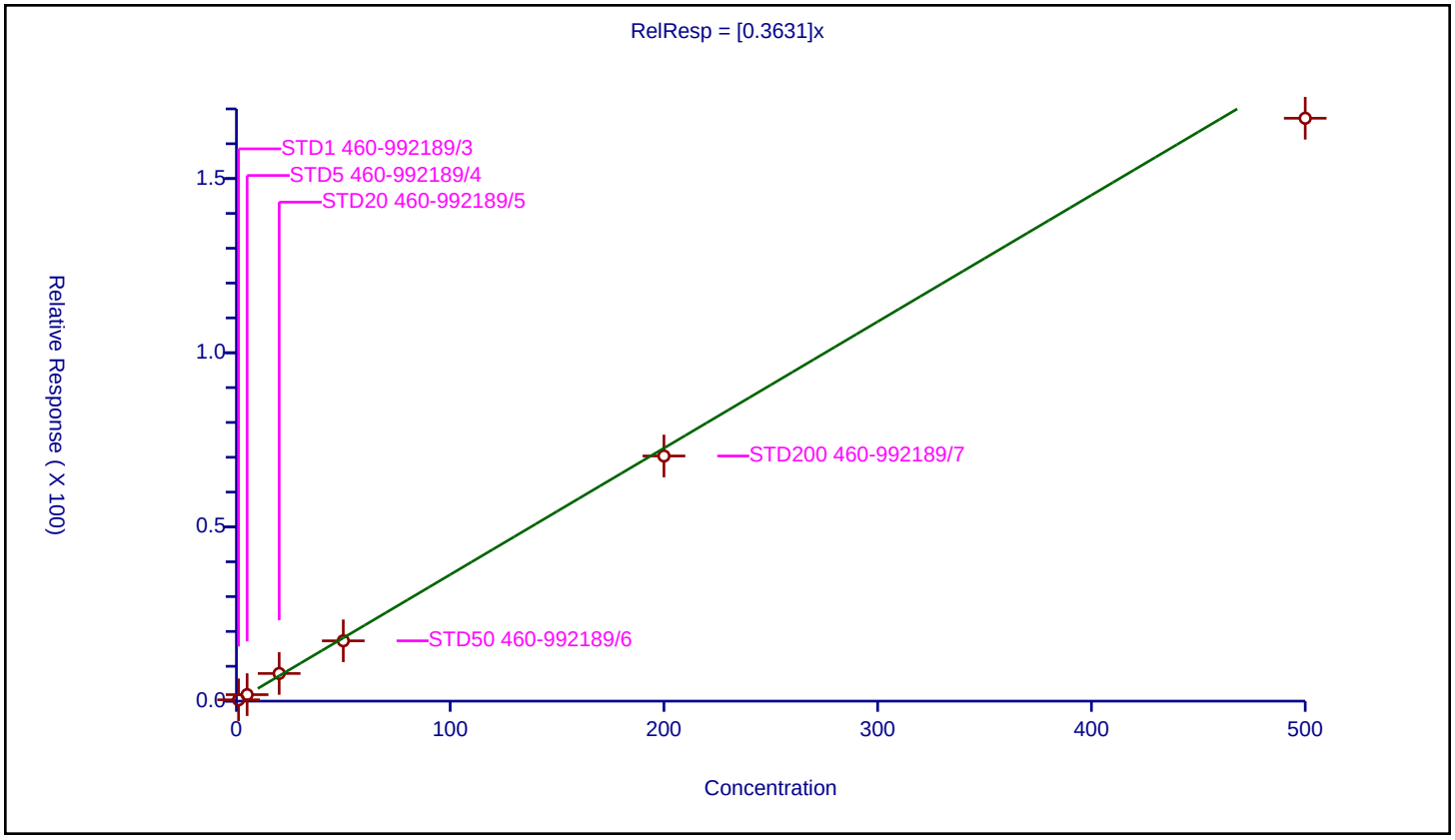
Curve Coefficients

Intercept:	0
Slope:	0.3631

Error Coefficients

Relative Standard Deviation:	6.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0	0.375852	50.0	665688.0	0.375852	Y
2	STD5 460-992189/4	5.0	1.865302	50.0	635688.0	0.37306	Y
3	STD20 460-992189/5	20.0	7.940571	50.0	640464.0	0.397029	Y
4	STD50 460-992189/6	50.0	17.309212	50.0	668358.0	0.346184	Y
5	STD200 460-992189/7	200.0	70.365804	50.0	695536.0	0.351829	Y
6	STD500 460-992189/8	500.0	167.315634	50.0	691612.0	0.334631	Y



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Calibration / Vinyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

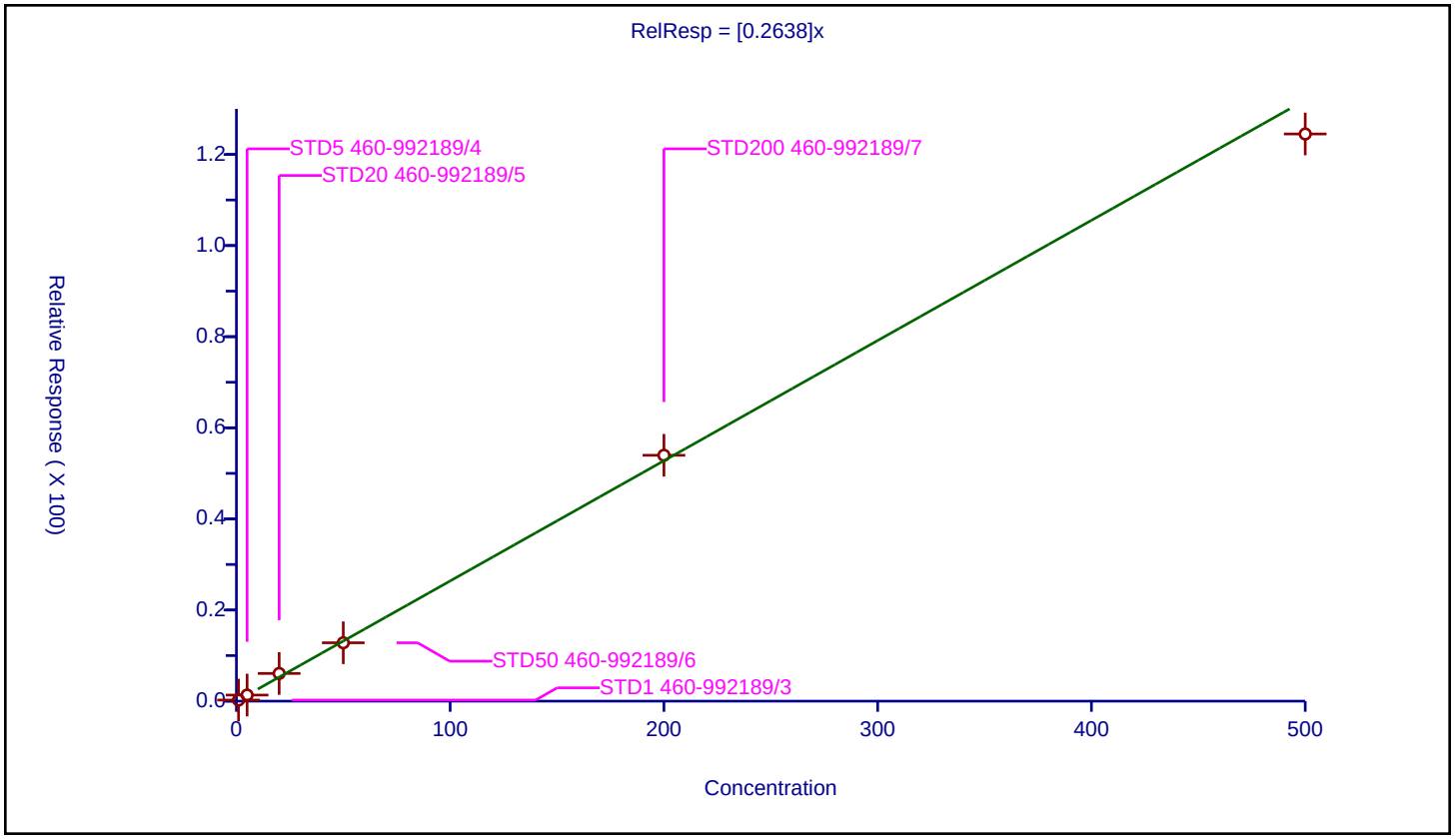
Curve Coefficients

Intercept:	0
Slope:	0.2638

Error Coefficients

Relative Standard Deviation:	8.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0	0.237198	50.0	665688.0	0.237198	Y
2	STD5 460-992189/4	5.0	1.335718	50.0	635688.0	0.267144	Y
3	STD20 460-992189/5	20.0	6.074424	50.0	640464.0	0.303721	Y
4	STD50 460-992189/6	50.0	12.809901	50.0	668358.0	0.256198	Y
5	STD200 460-992189/7	200.0	53.967228	50.0	695536.0	0.269836	Y
6	STD500 460-992189/8	500.0	124.492129	50.0	691612.0	0.248984	Y



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Calibration / Butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

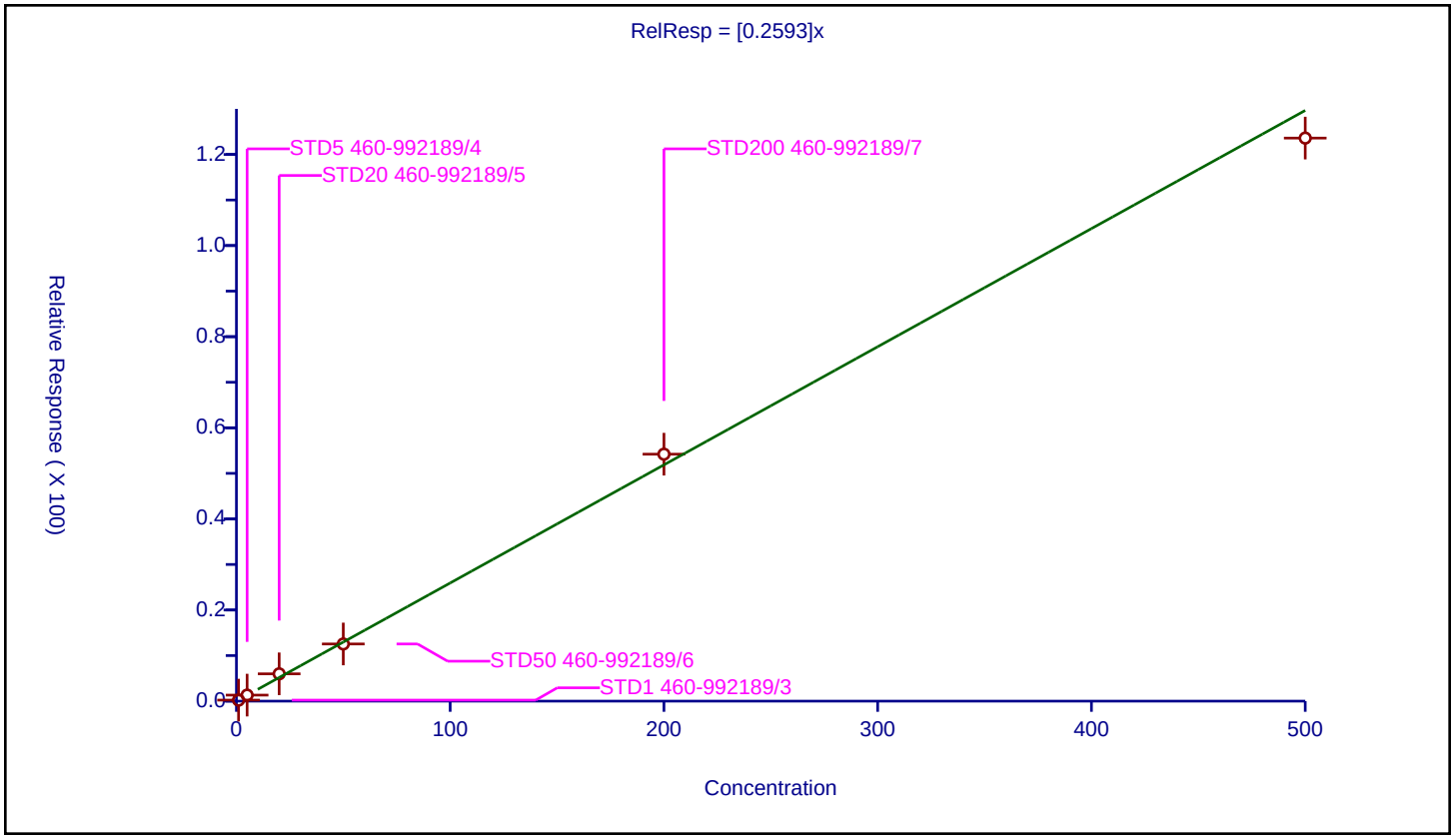
Curve Coefficients

Intercept:	0
Slope:	0.2593

Error Coefficients

Relative Standard Deviation:	10.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0	0.222101	50.0	665688.0	0.222101	Y
2	STD5 460-992189/4	5.0	1.323999	50.0	635688.0	0.2648	Y
3	STD20 460-992189/5	20.0	5.994951	50.0	640464.0	0.299748	Y
4	STD50 460-992189/6	50.0	12.55031	50.0	668358.0	0.251006	Y
5	STD200 460-992189/7	200.0	54.212003	50.0	695536.0	0.27106	Y
6	STD500 460-992189/8	500.0	123.591479	50.0	691612.0	0.247183	Y



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Calibration / Bromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

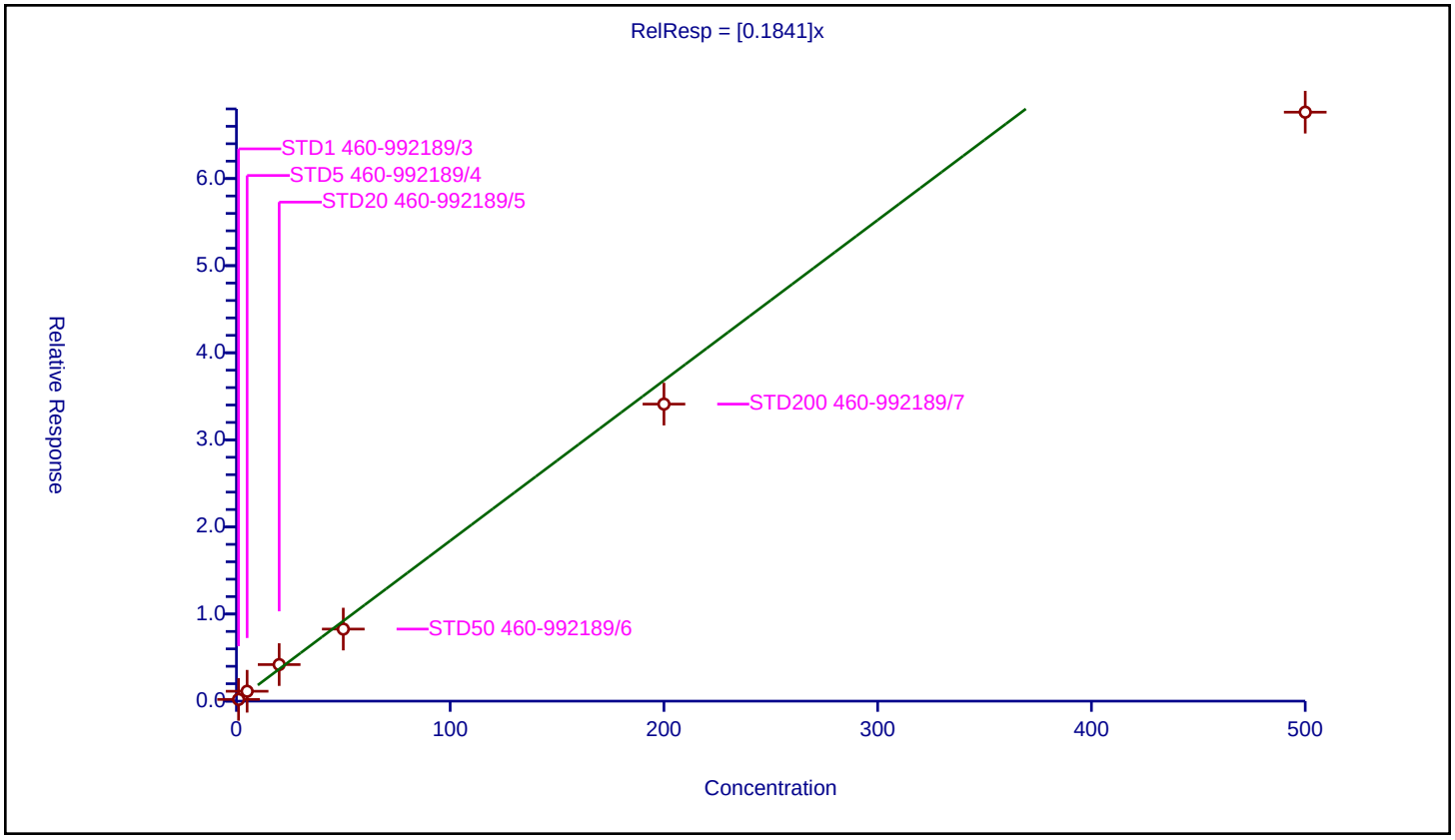
Curve Coefficients

Intercept:	0
Slope:	0.1841

Error Coefficients

Relative Standard Deviation:	18.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0	0.196639	50.0	665688.0	0.196639	Y
2	STD5 460-992189/4	5.0	1.134755	50.0	635688.0	0.226951	Y
3	STD20 460-992189/5	20.0	4.197816	50.0	640464.0	0.209891	Y
4	STD50 460-992189/6	50.0	8.274757	50.0	668358.0	0.165495	Y
5	STD200 460-992189/7	200.0	34.104849	50.0	695536.0	0.170524	Y
6	STD500 460-992189/8	500.0	67.62455	50.0	691612.0	0.135249	Y



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Calibration / Chloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

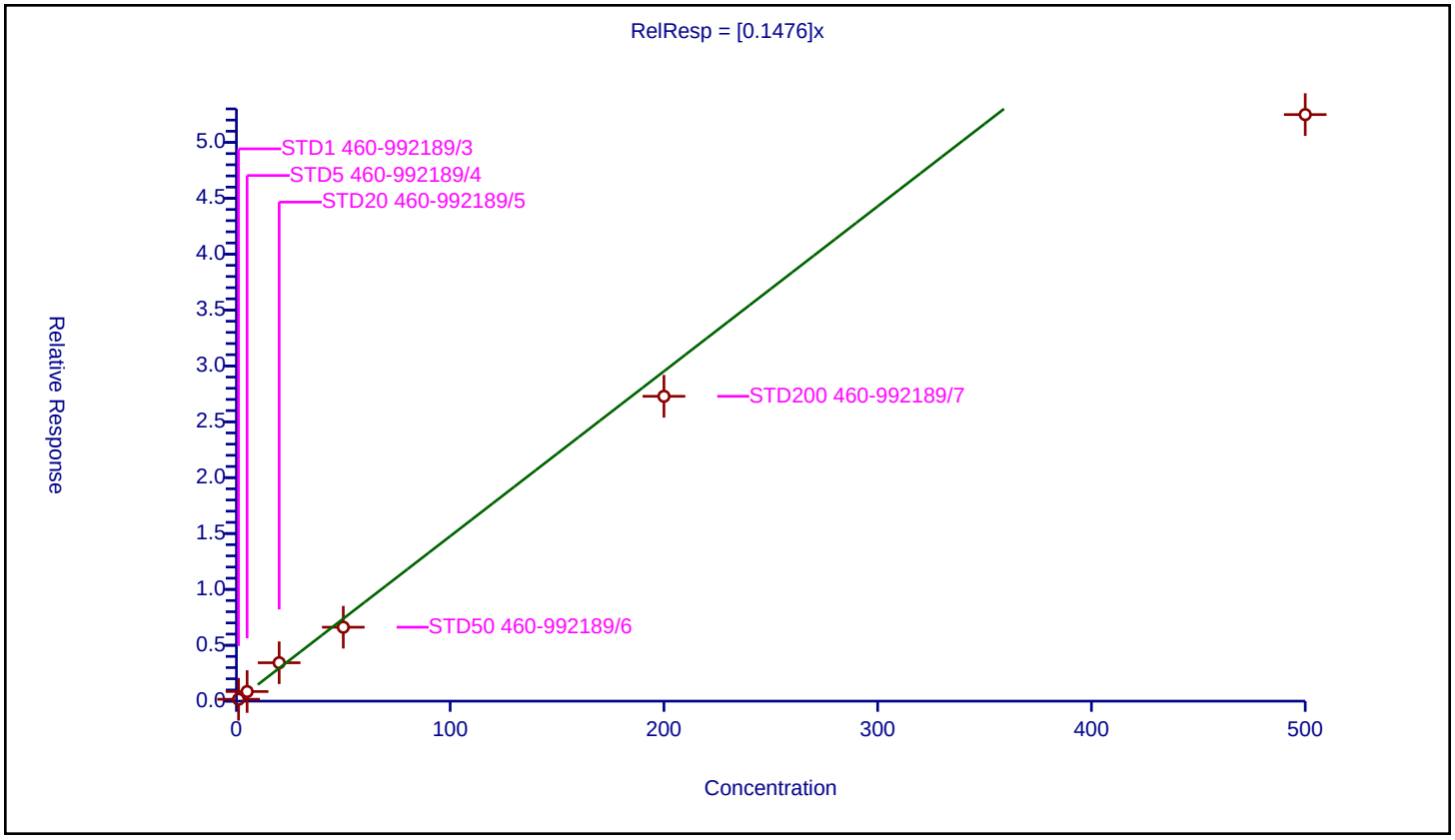
Curve Coefficients

Intercept:	0
Slope:	0.1476

Error Coefficients

Relative Standard Deviation:	18.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0	0.168097	50.0	665688.0	0.168097	Y
2	STD5 460-992189/4	5.0	0.859698	50.0	635688.0	0.17194	Y
3	STD20 460-992189/5	20.0	3.436805	50.0	640464.0	0.17184	Y
4	STD50 460-992189/6	50.0	6.61599	50.0	668358.0	0.13232	Y
5	STD200 460-992189/7	200.0	27.279321	50.0	695536.0	0.136397	Y
6	STD500 460-992189/8	500.0	52.490341	50.0	691612.0	0.104981	Y



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Calibration / Dichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

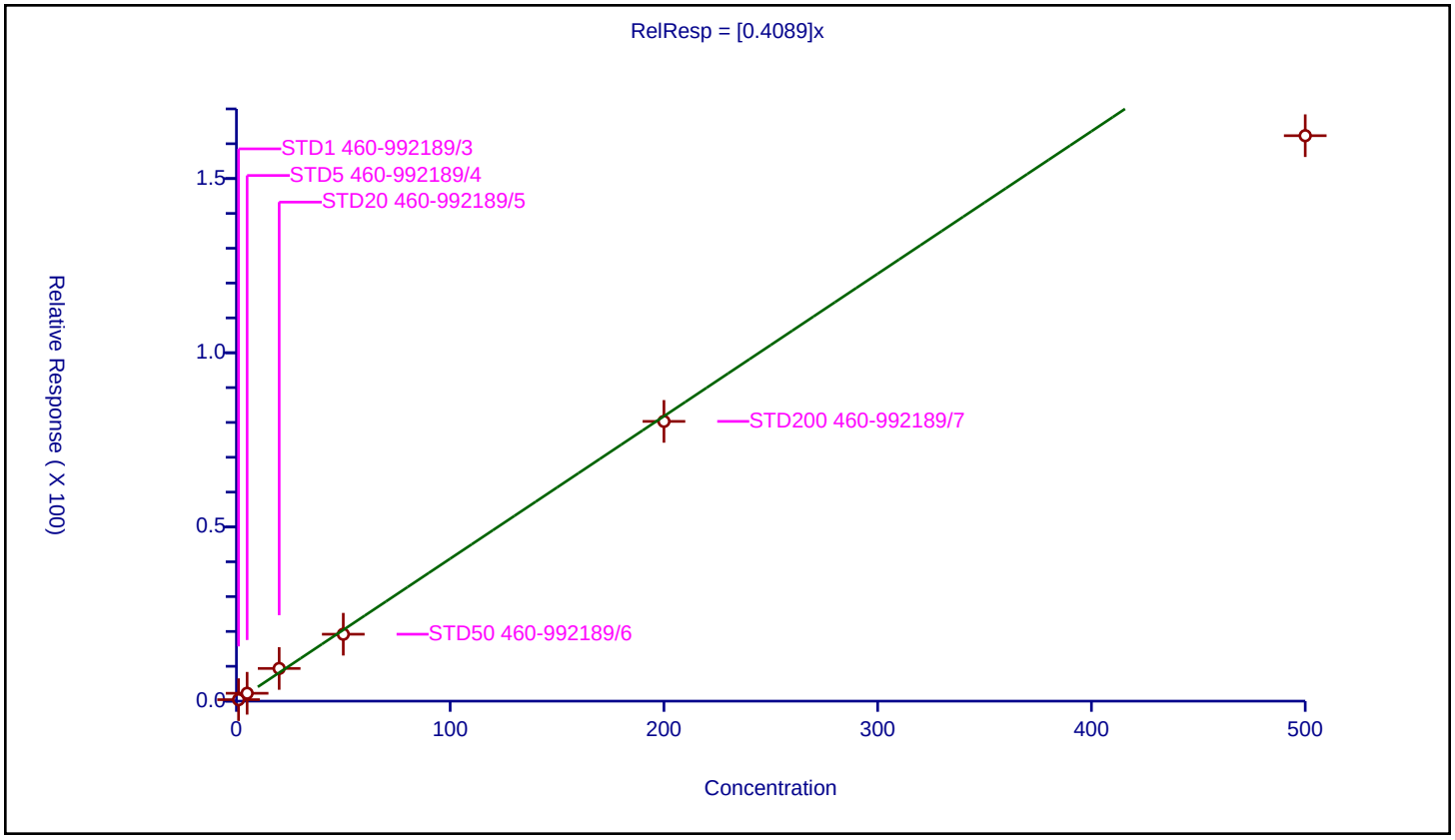
Curve Coefficients

Intercept:	0
Slope:	0.4089

Error Coefficients

Relative Standard Deviation:	12.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0	0.42212	50.0	665688.0	0.42212	Y
2	STD5 460-992189/4	5.0	2.260228	50.0	635688.0	0.452046	Y
3	STD20 460-992189/5	20.0	9.384134	50.0	640464.0	0.469207	Y
4	STD50 460-992189/6	50.0	19.206473	50.0	668358.0	0.384129	Y
5	STD200 460-992189/7	200.0	80.298575	50.0	695536.0	0.401493	Y
6	STD500 460-992189/8	500.0	162.308563	50.0	691612.0	0.324617	Y



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Calibration / Pentane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

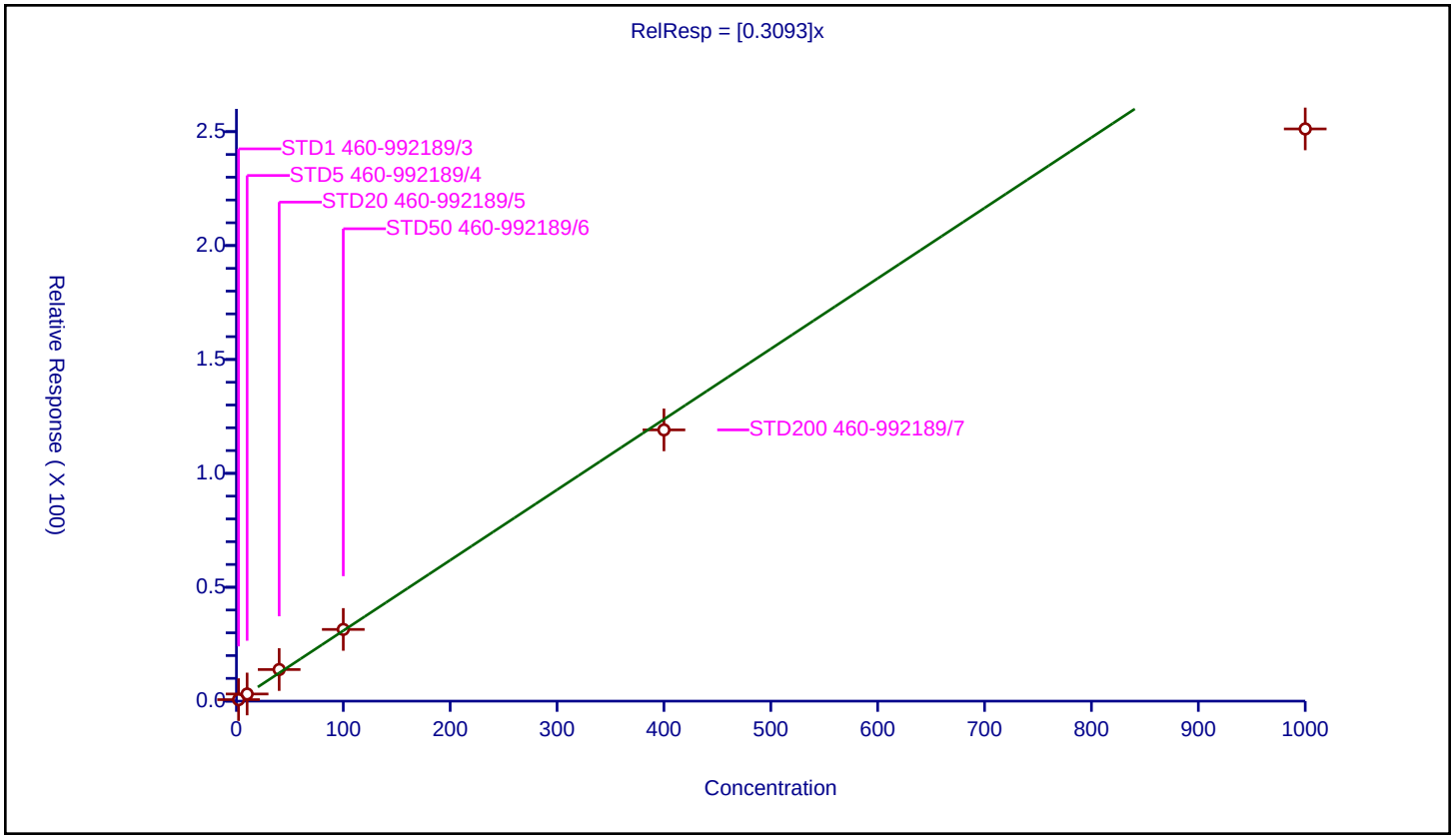
Curve Coefficients

Intercept:	0
Slope:	0.3093

Error Coefficients

Relative Standard Deviation:	10.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	2.0	0.662623	50.0	665688.0	0.331311	Y
2	STD5 460-992189/4	10.0	3.139826	50.0	635688.0	0.313983	Y
3	STD20 460-992189/5	40.0	13.868383	50.0	640464.0	0.34671	Y
4	STD50 460-992189/6	100.0	31.486494	50.0	668358.0	0.314865	Y
5	STD200 460-992189/7	400.0	119.077589	50.0	695536.0	0.297694	Y
6	STD500 460-992189/8	1000.0	251.208264	50.0	691612.0	0.251208	Y



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Calibration / Trichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

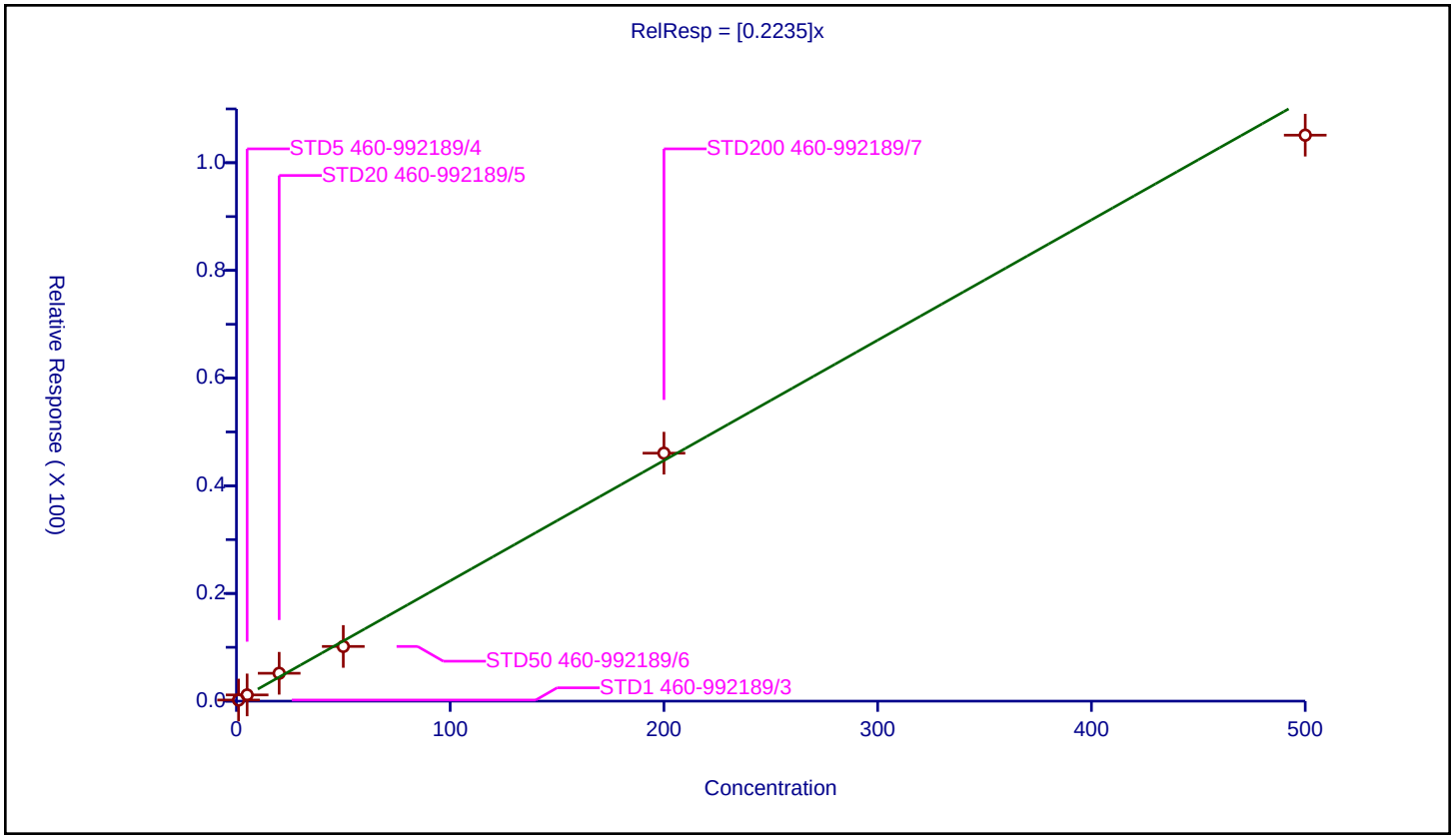
Curve Coefficients

Intercept:	0
Slope:	0.2235

Error Coefficients

Relative Standard Deviation:	9.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0	0.207379	50.0	665688.0	0.207379	Y
2	STD5 460-992189/4	5.0	1.154733	50.0	635688.0	0.230947	Y
3	STD20 460-992189/5	20.0	5.175857	50.0	640464.0	0.258793	Y
4	STD50 460-992189/6	50.0	10.157505	50.0	668358.0	0.20315	Y
5	STD200 460-992189/7	200.0	46.058076	50.0	695536.0	0.23029	Y
6	STD500 460-992189/8	500.0	105.124839	50.0	691612.0	0.21025	Y



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Calibration / Ethanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

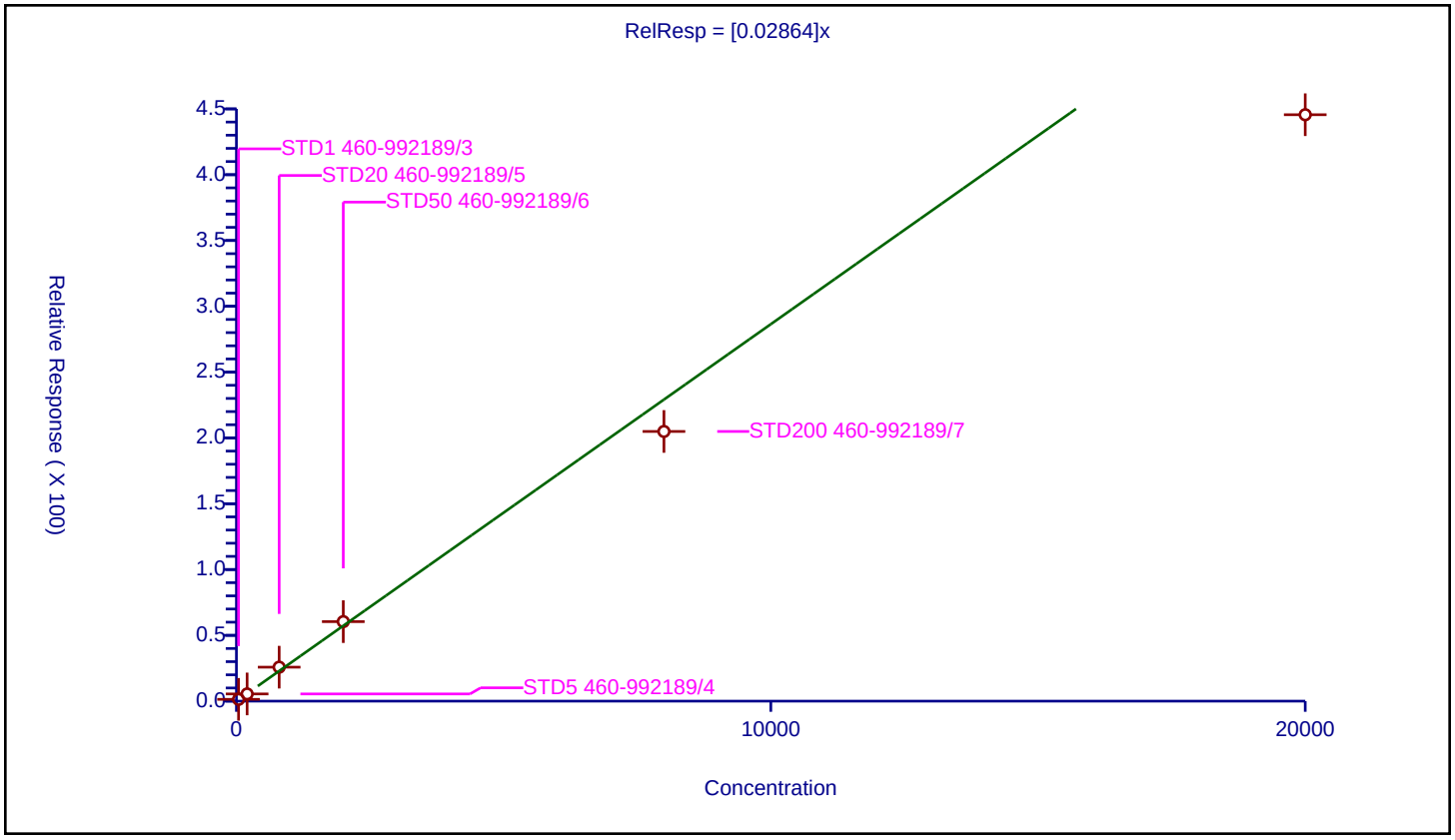
Curve Coefficients

Intercept:	0
Slope:	0.02864

Error Coefficients

Relative Standard Deviation:	15.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	40.0	1.363244	1000.0	381443.0	0.034081	Y
2	STD5 460-992189/4	200.0	5.481085	1000.0	414334.0	0.027405	Y
3	STD20 460-992189/5	800.0	25.813631	1000.0	419662.0	0.032267	Y
4	STD50 460-992189/6	2000.0	60.419679	1000.0	414269.0	0.03021	Y
5	STD200 460-992189/7	8000.0	204.901621	1000.0	458991.0	0.025613	Y
6	STD500 460-992189/8	20000.0	445.573148	1000.0	454307.0	0.022279	Y



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Calibration / Ethyl ether

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

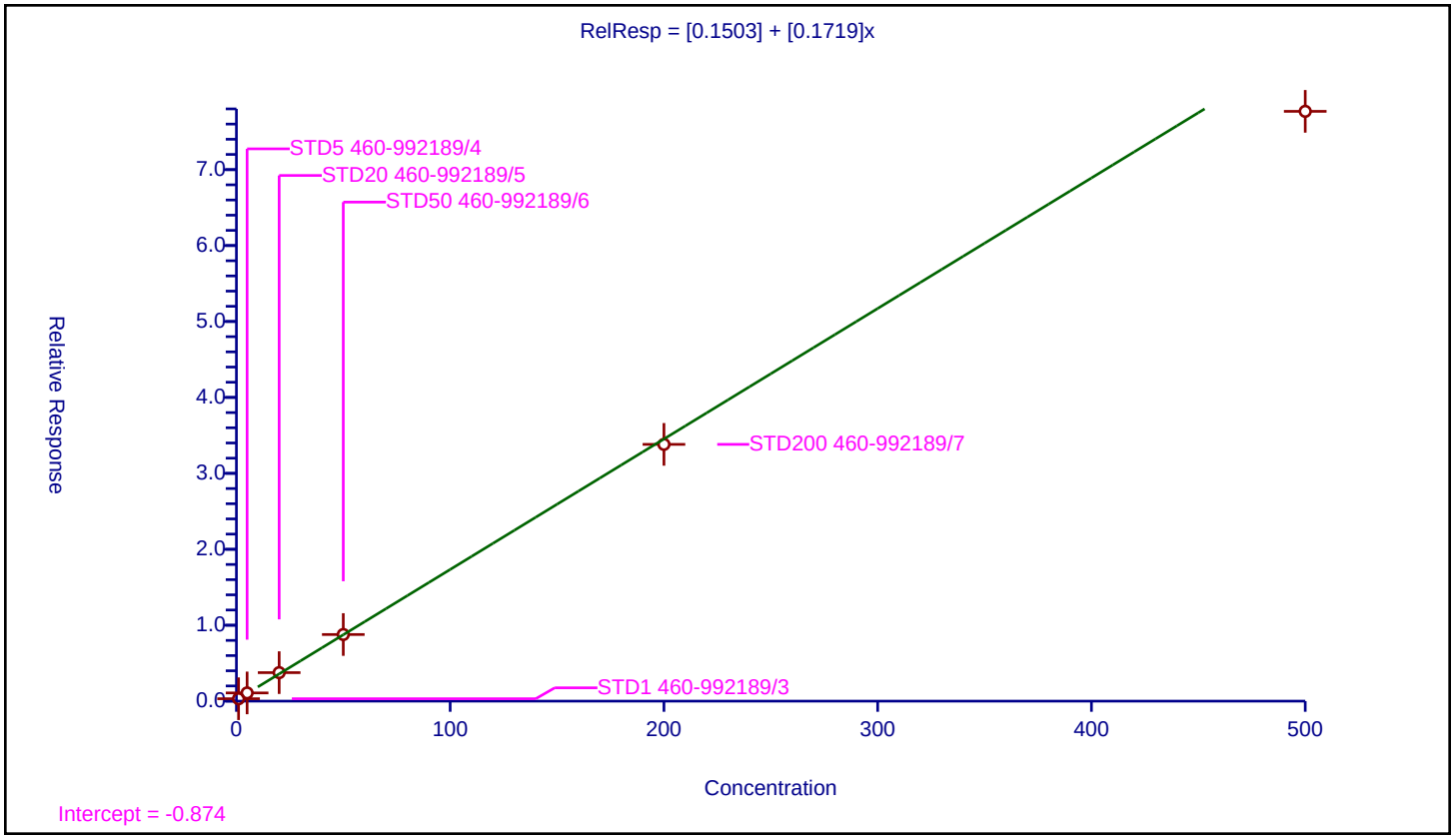
Curve Coefficients

Intercept:	0.1503
Slope:	0.1719

Error Coefficients

Relative Standard Deviation:	7.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0	0.318843	50.0	665688.0	0.318843	Y
2	STD5 460-992189/4	5.0	1.082607	50.0	635688.0	0.216521	Y
3	STD20 460-992189/5	20.0	3.756261	50.0	640464.0	0.187813	Y
4	STD50 460-992189/6	50.0	8.775985	50.0	668358.0	0.17552	Y
5	STD200 460-992189/7	200.0	33.817301	50.0	695536.0	0.169087	Y
6	STD500 460-992189/8	500.0	77.675705	50.0	691612.0	0.155351	Y



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Calibration / 2-Methyl-1,3-butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

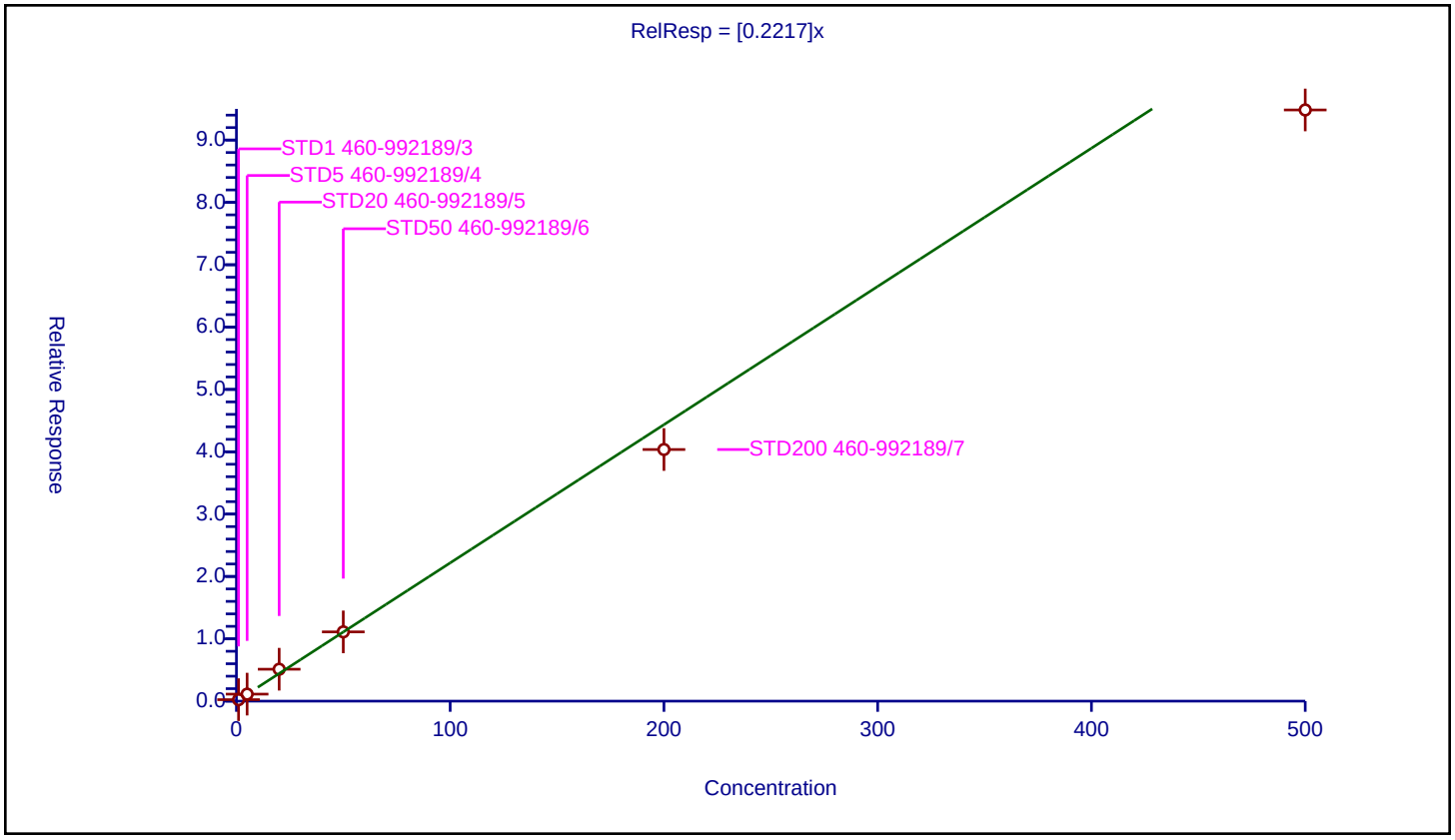
Curve Coefficients

Intercept:	0
Slope:	0.2217

Error Coefficients

Relative Standard Deviation:	10.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0	0.235921	50.0	665688.0	0.235921	Y
2	STD5 460-992189/4	5.0	1.124451	50.0	635688.0	0.22489	Y
3	STD20 460-992189/5	20.0	5.118945	50.0	640464.0	0.255947	Y
4	STD50 460-992189/6	50.0	11.110288	50.0	668358.0	0.222206	Y
5	STD200 460-992189/7	200.0	40.360671	50.0	695536.0	0.201803	Y
6	STD500 460-992189/8	500.0	94.829543	50.0	691612.0	0.189659	Y



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Calibration / 1,2-Dichloro-1,1,2-trifluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

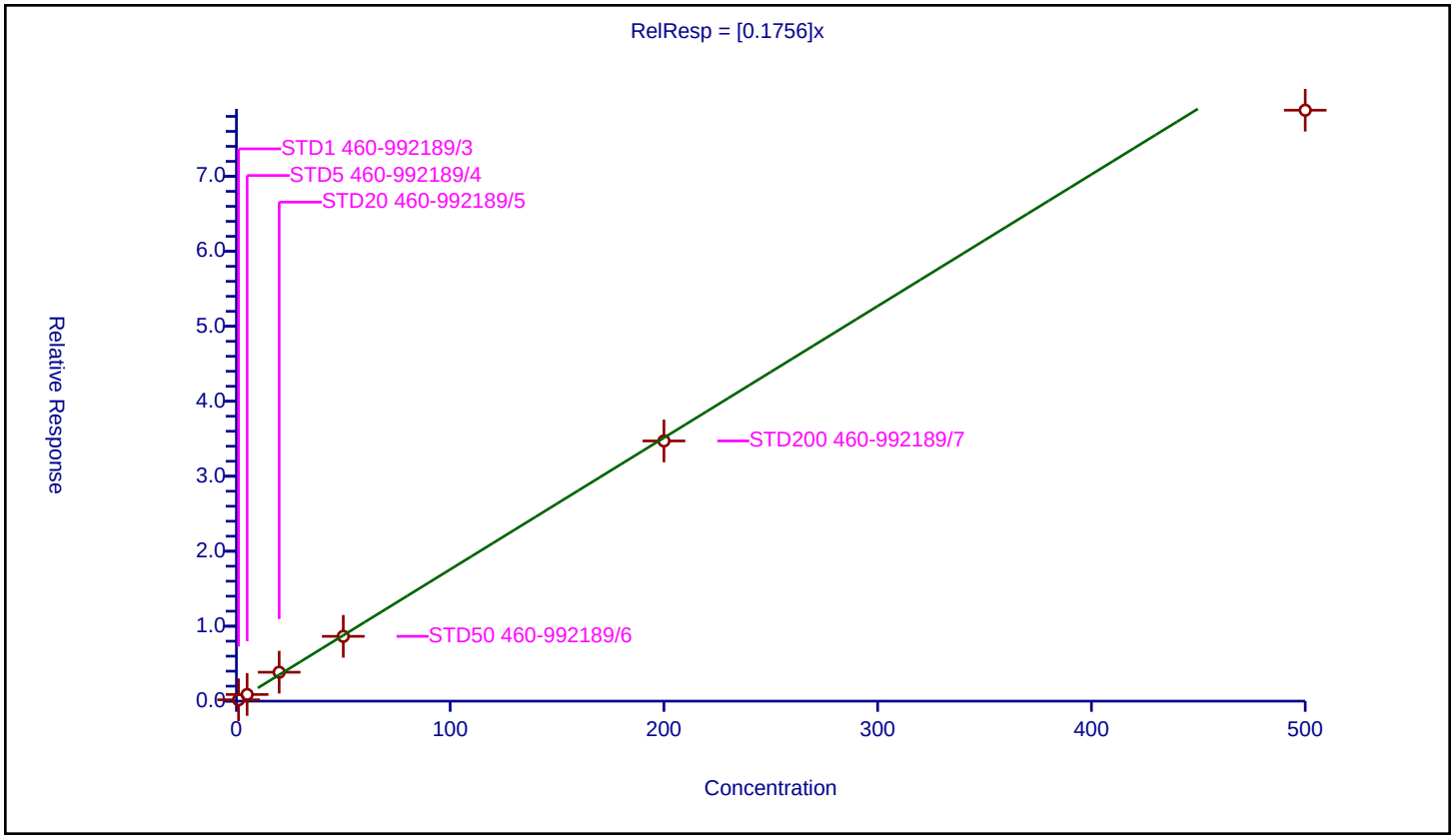
Curve Coefficients

Intercept:	0
Slope:	0.1756

Error Coefficients

Relative Standard Deviation:	6.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0	0.179889	50.0	665688.0	0.179889	Y
2	STD5 460-992189/4	5.0	0.885419	50.0	635688.0	0.177084	Y
3	STD20 460-992189/5	20.0	3.856813	50.0	640464.0	0.192841	Y
4	STD50 460-992189/6	50.0	8.644245	50.0	668358.0	0.172885	Y
5	STD200 460-992189/7	200.0	34.709203	50.0	695536.0	0.173546	Y
6	STD500 460-992189/8	500.0	78.82476	50.0	691612.0	0.15765	Y



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Calibration / 1,1,1-Trifluoro-2,2-dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

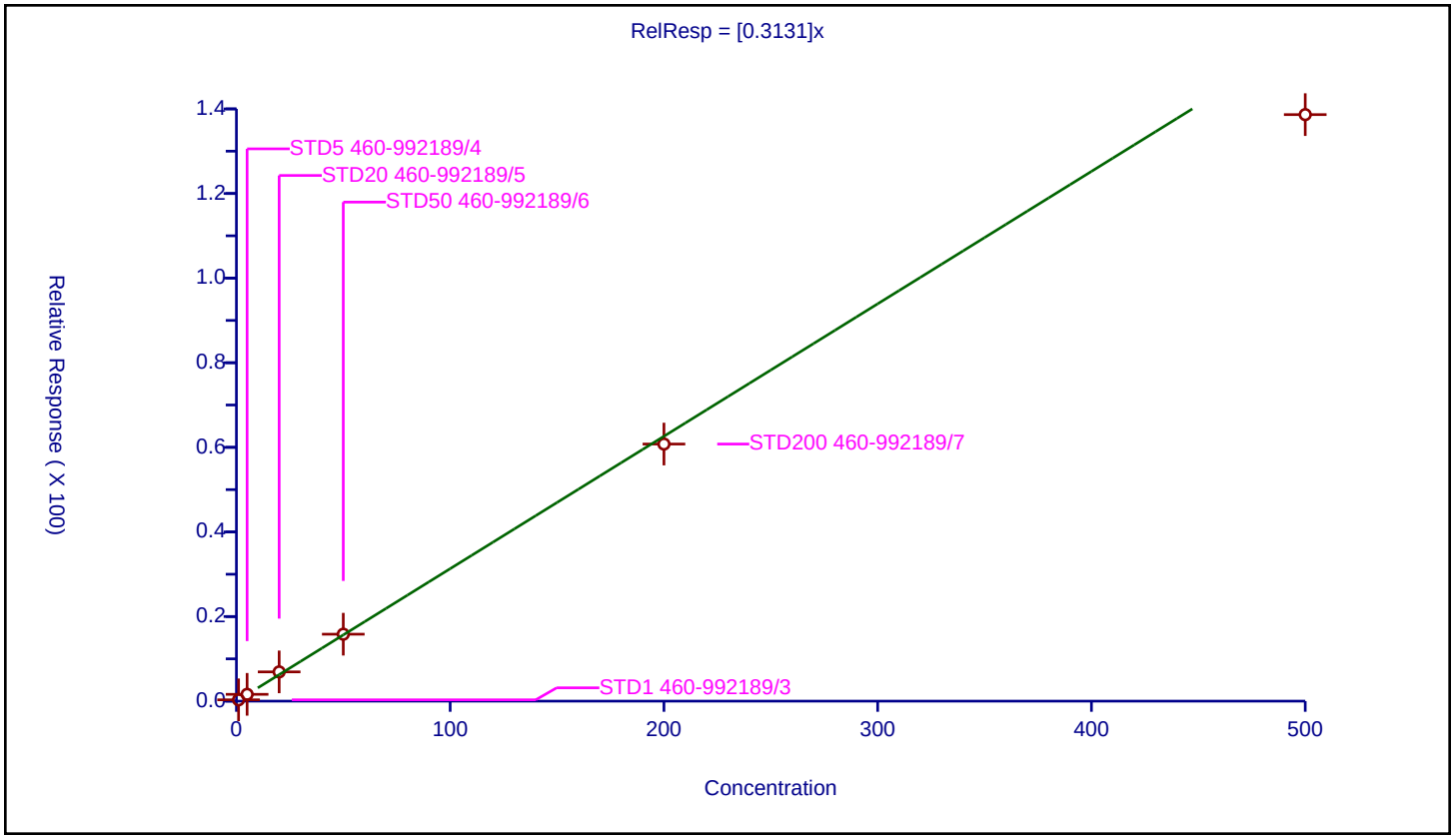
Curve Coefficients

Intercept:	0
Slope:	0.3131

Error Coefficients

Relative Standard Deviation:	7.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0	0.31306	50.0	665688.0	0.31306	Y
2	STD5 460-992189/4	5.0	1.609752	50.0	635688.0	0.32195	Y
3	STD20 460-992189/5	20.0	6.91444	50.0	640464.0	0.345722	Y
4	STD50 460-992189/6	50.0	15.825052	50.0	668358.0	0.316501	Y
5	STD200 460-992189/7	200.0	60.772555	50.0	695536.0	0.303863	Y
6	STD500 460-992189/8	500.0	138.644572	50.0	691612.0	0.277289	Y



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Calibration / Acrolein

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

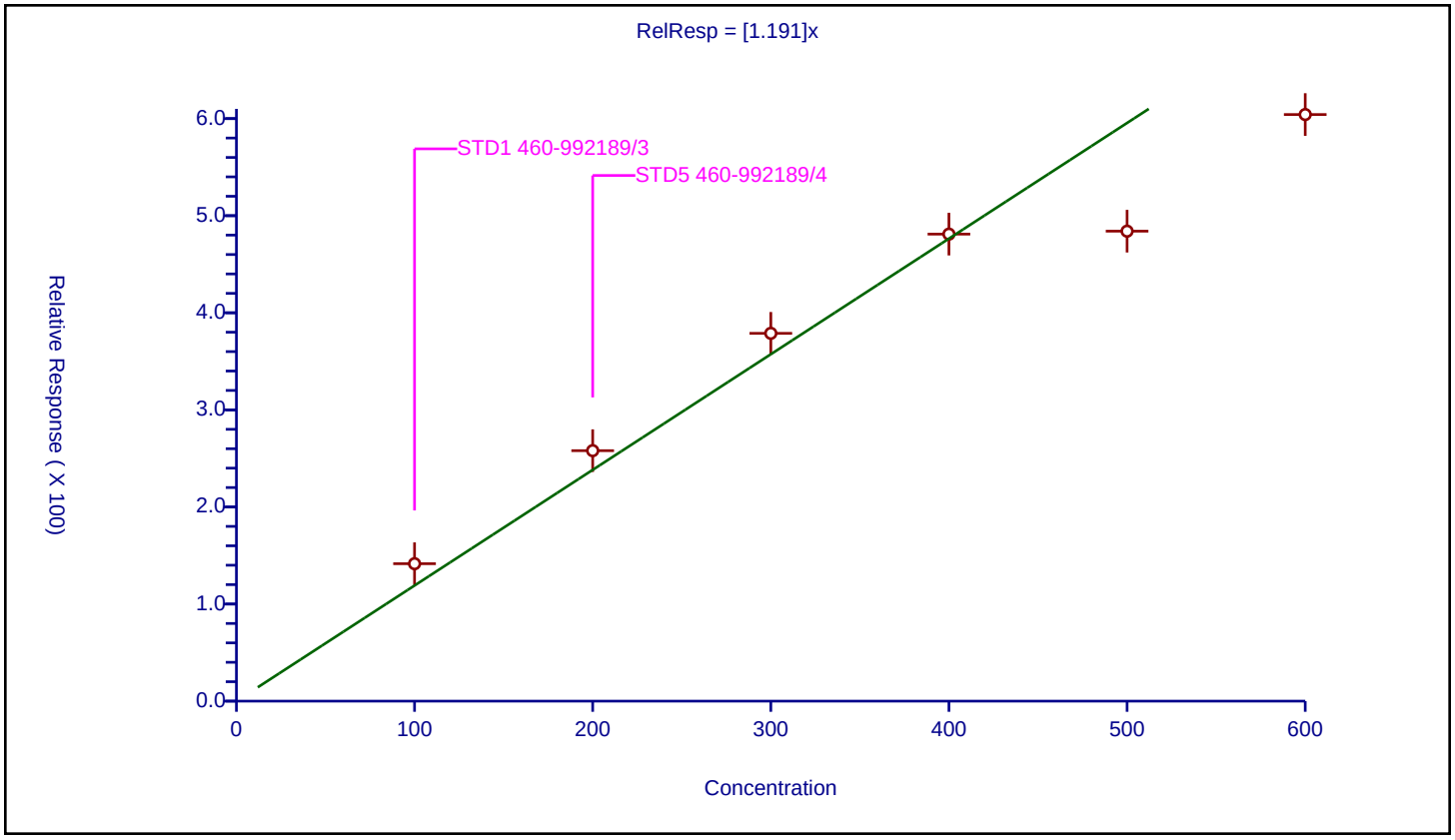
Curve Coefficients

Intercept:	0
Slope:	1.191

Error Coefficients

Relative Standard Deviation:	14.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	100.0	141.551949	1000.0	381443.0	1.415519	Y
2	STD5 460-992189/4	200.0	257.992344	1000.0	414334.0	1.289962	Y
3	STD20 460-992189/5	300.0	378.835825	1000.0	419662.0	1.262786	Y
4	STD50 460-992189/6	400.0	481.015958	1000.0	414269.0	1.20254	Y
5	STD200 460-992189/7	500.0	484.063958	1000.0	458991.0	0.968128	Y
6	STD500 460-992189/8	600.0	604.172949	1000.0	454307.0	1.006955	Y



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Calibration / 1,1-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

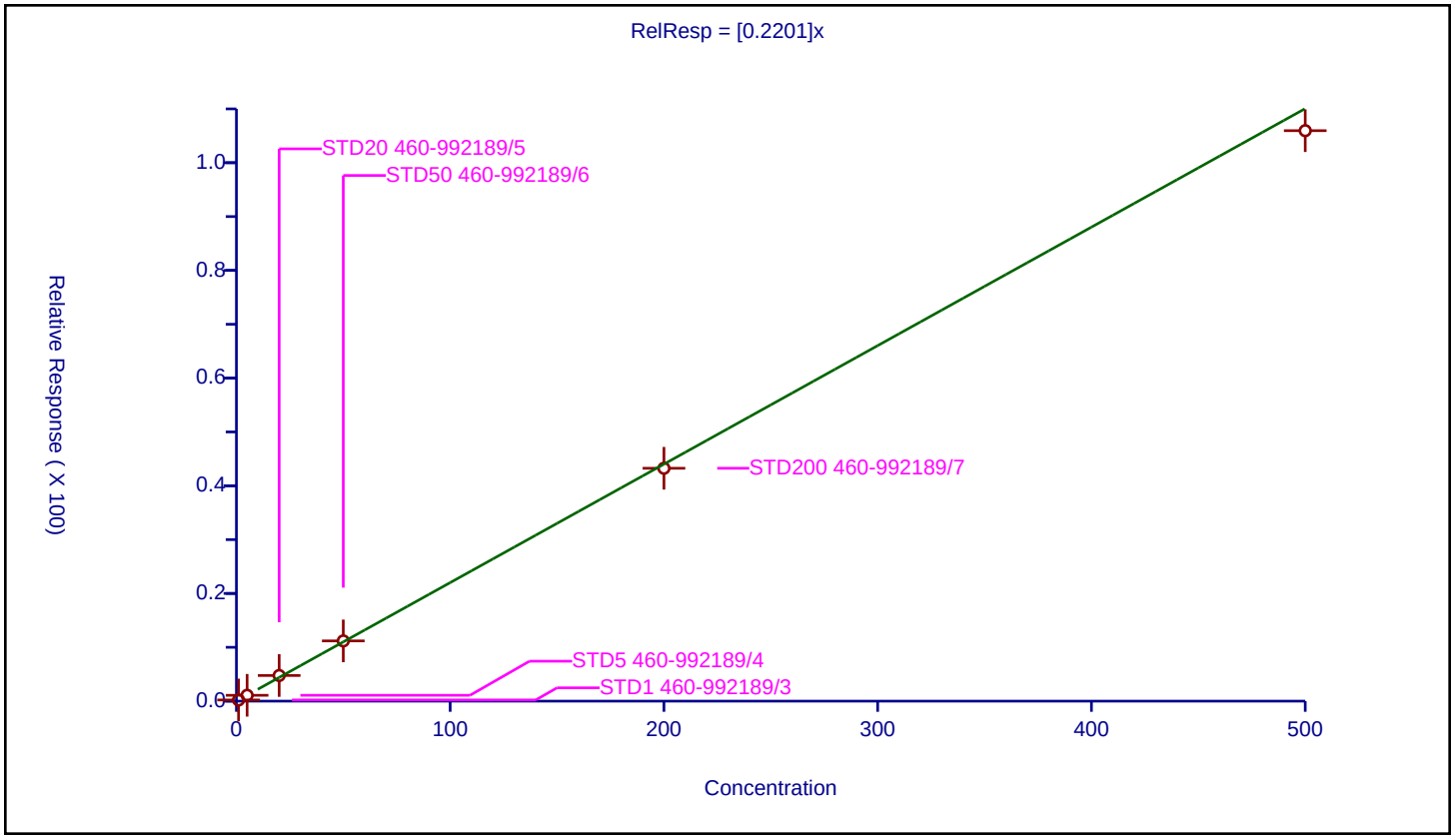
Curve Coefficients

Intercept:	0
Slope:	0.2201

Error Coefficients

Relative Standard Deviation:	4.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0	0.213689	50.0	665688.0	0.213689	Y
2	STD5 460-992189/4	5.0	1.084573	50.0	635688.0	0.216915	Y
3	STD20 460-992189/5	20.0	4.762641	50.0	640464.0	0.238132	Y
4	STD50 460-992189/6	50.0	11.186894	50.0	668358.0	0.223738	Y
5	STD200 460-992189/7	200.0	43.252111	50.0	695536.0	0.216261	Y
6	STD500 460-992189/8	500.0	105.95247	50.0	691612.0	0.211905	Y



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Calibration / 1,1,2-Trichloro-1,2,2-trifluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

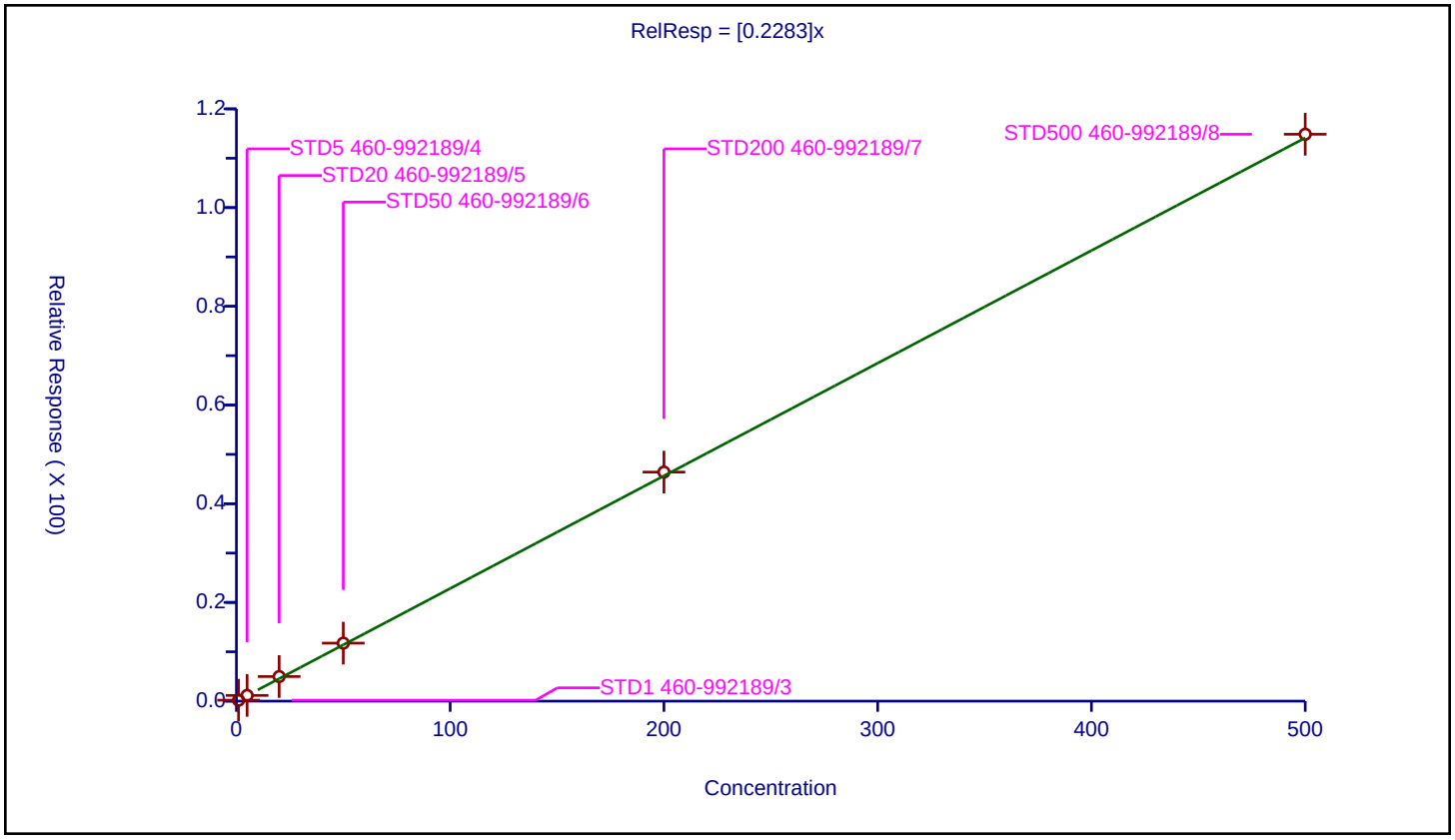
Curve Coefficients

Intercept:	0
Slope:	0.2283

Error Coefficients

Relative Standard Deviation:	8.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0	0.192432	50.0	665688.0	0.192432	Y
2	STD5 460-992189/4	5.0	1.155362	50.0	635688.0	0.231072	Y
3	STD20 460-992189/5	20.0	4.98498	50.0	640464.0	0.249249	Y
4	STD50 460-992189/6	50.0	11.750589	50.0	668358.0	0.235012	Y
5	STD200 460-992189/7	200.0	46.407806	50.0	695536.0	0.232039	Y
6	STD500 460-992189/8	500.0	114.864476	50.0	691612.0	0.229729	Y



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Calibration / Acetone

Curve Type:	Quadratic
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

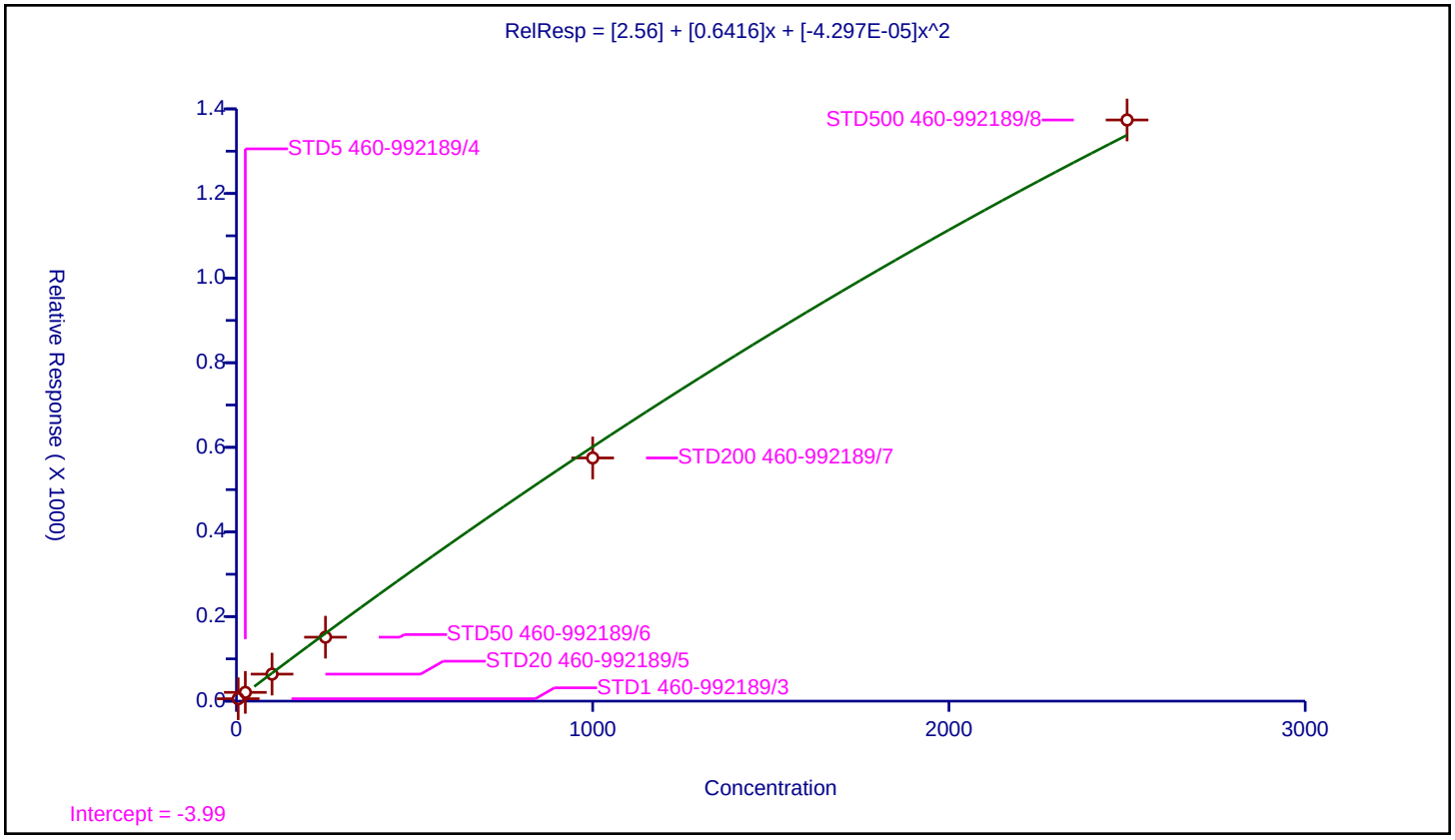
Curve Coefficients

Intercept:	2.56
Slope:	0.6416
Second Order:	-4.297E-05

Error Coefficients

Relative Standard Deviation:	9.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	5.0	5.689078	250.0	380378.0	1.137816	Y
2	STD5 460-992189/4	25.0	20.771365	250.0	395364.0	0.830855	Y
3	STD20 460-992189/5	100.0	63.902959	250.0	405705.0	0.63903	Y
4	STD50 460-992189/6	250.0	151.189488	250.0	403745.0	0.604758	Y
5	STD200 460-992189/7	1000.0	574.870808	250.0	430949.0	0.574871	Y
6	STD500 460-992189/8	2500.0	1373.826228	250.0	418629.0	0.54953	Y



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Calibration / Iodomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

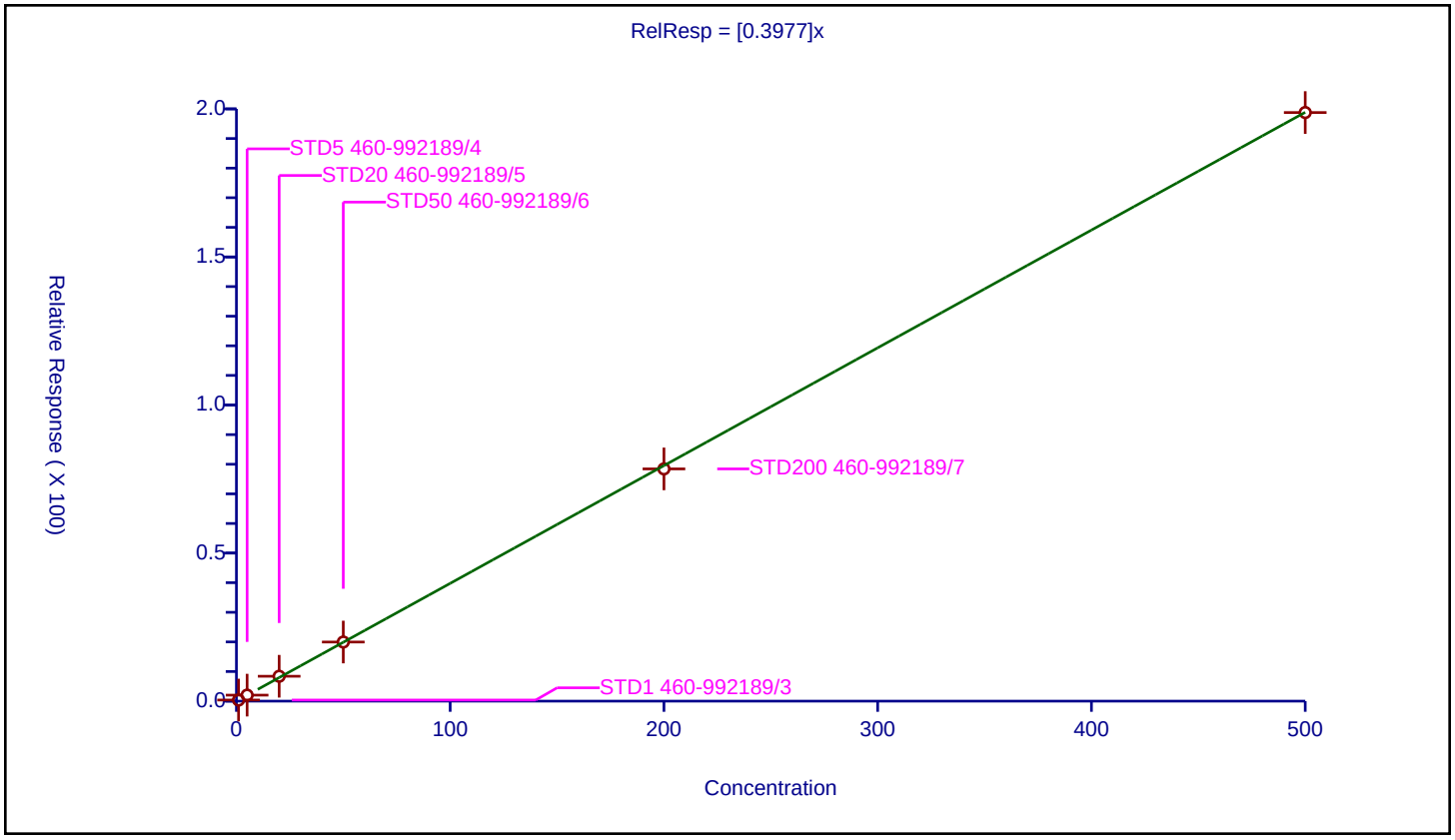
Curve Coefficients

Intercept:	0
Slope:	0.3977

Error Coefficients

Relative Standard Deviation:	4.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0	0.371946	50.0	665688.0	0.371946	Y
2	STD5 460-992189/4	5.0	2.025522	50.0	635688.0	0.405104	Y
3	STD20 460-992189/5	20.0	8.403048	50.0	640464.0	0.420152	Y
4	STD50 460-992189/6	50.0	19.965423	50.0	668358.0	0.399308	Y
5	STD200 460-992189/7	200.0	78.429513	50.0	695536.0	0.392148	Y
6	STD500 460-992189/8	500.0	198.771204	50.0	691612.0	0.397542	Y



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Calibration / Carbon disulfide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

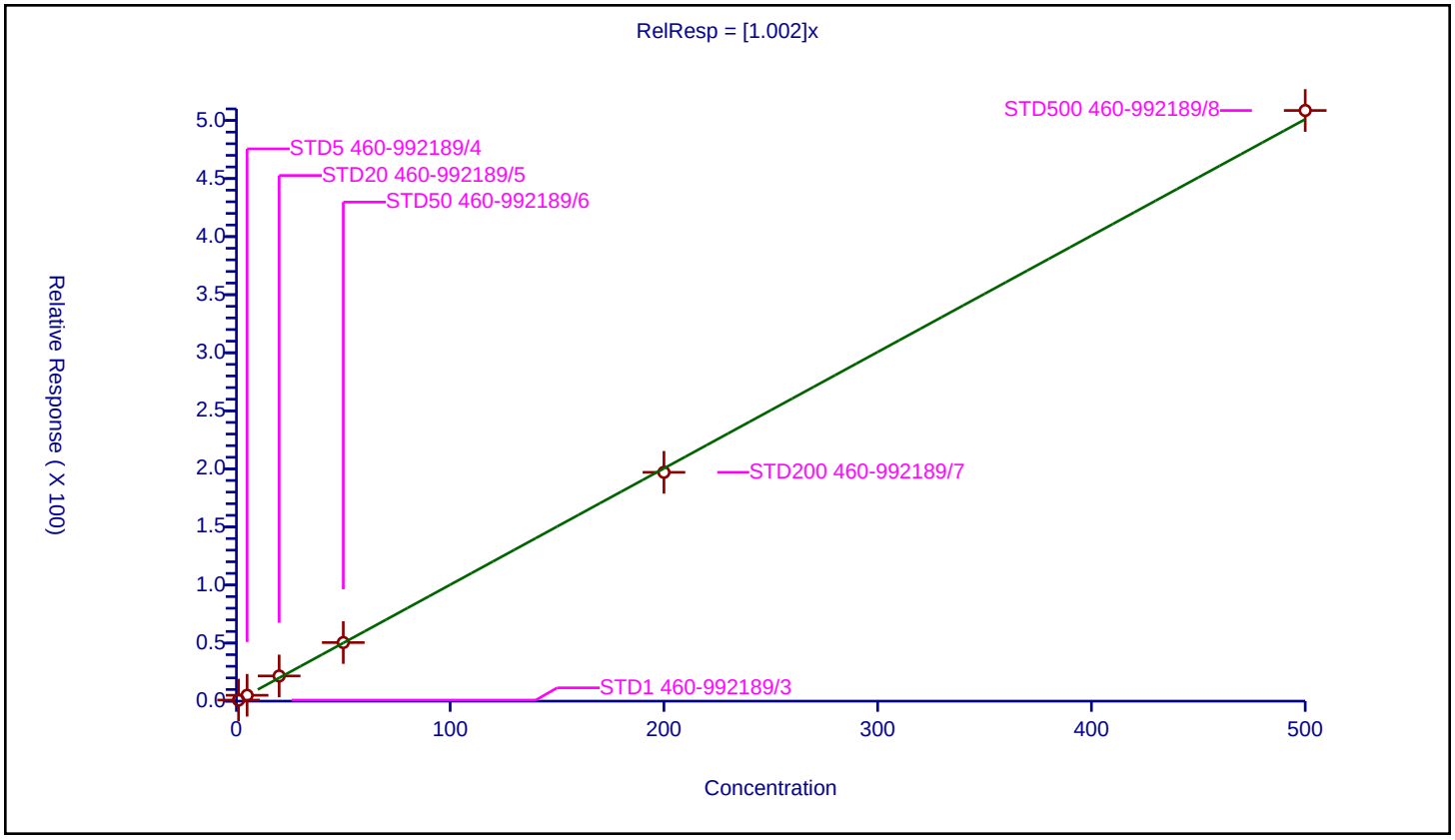
Curve Coefficients

Intercept:	0
Slope:	1.002

Error Coefficients

Relative Standard Deviation:	5.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0	0.906731	50.0	665688.0	0.906731	Y
2	STD5 460-992189/4	5.0	5.053344	50.0	635688.0	1.010669	Y
3	STD20 460-992189/5	20.0	21.677799	50.0	640464.0	1.08389	Y
4	STD50 460-992189/6	50.0	50.458736	50.0	668358.0	1.009175	Y
5	STD200 460-992189/7	200.0	197.023303	50.0	695536.0	0.985117	Y
6	STD500 460-992189/8	500.0	508.623332	50.0	691612.0	1.017247	Y



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Calibration / Isopropyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

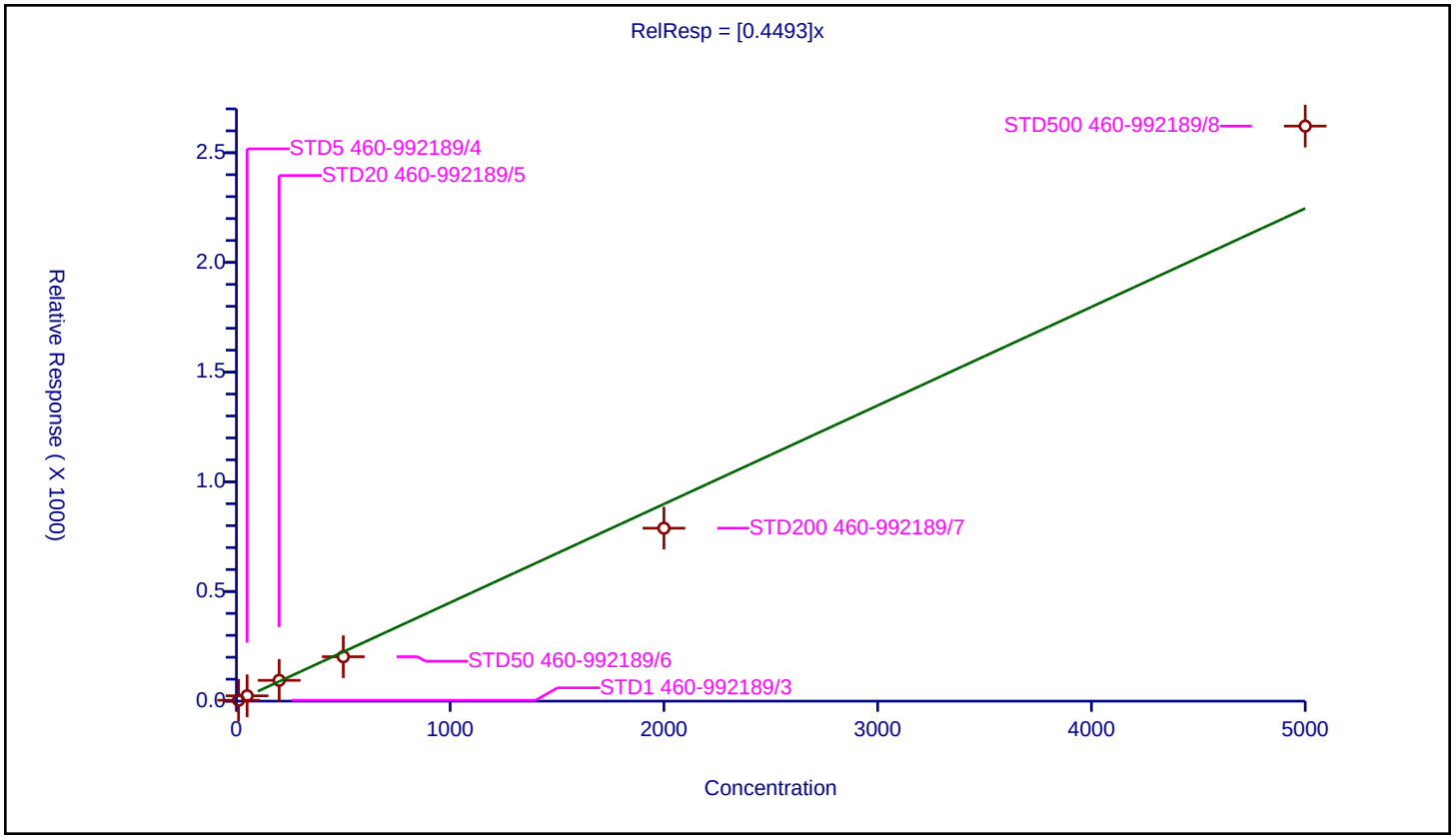
Curve Coefficients

Intercept:	0
Slope:	0.4493

Error Coefficients

Relative Standard Deviation:	11.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	10.0	4.105463	1000.0	381443.0	0.410546	Y
2	STD5 460-992189/4	50.0	24.357161	1000.0	414334.0	0.487143	Y
3	STD20 460-992189/5	200.0	94.864439	1000.0	419662.0	0.474322	Y
4	STD50 460-992189/6	500.0	202.522998	1000.0	414269.0	0.405046	Y
5	STD200 460-992189/7	2000.0	788.398901	1000.0	458991.0	0.394199	Y
6	STD500 460-992189/8	5000.0	2621.599491	1000.0	454307.0	0.52432	Y



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Calibration / 3-Chloro-1-propene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

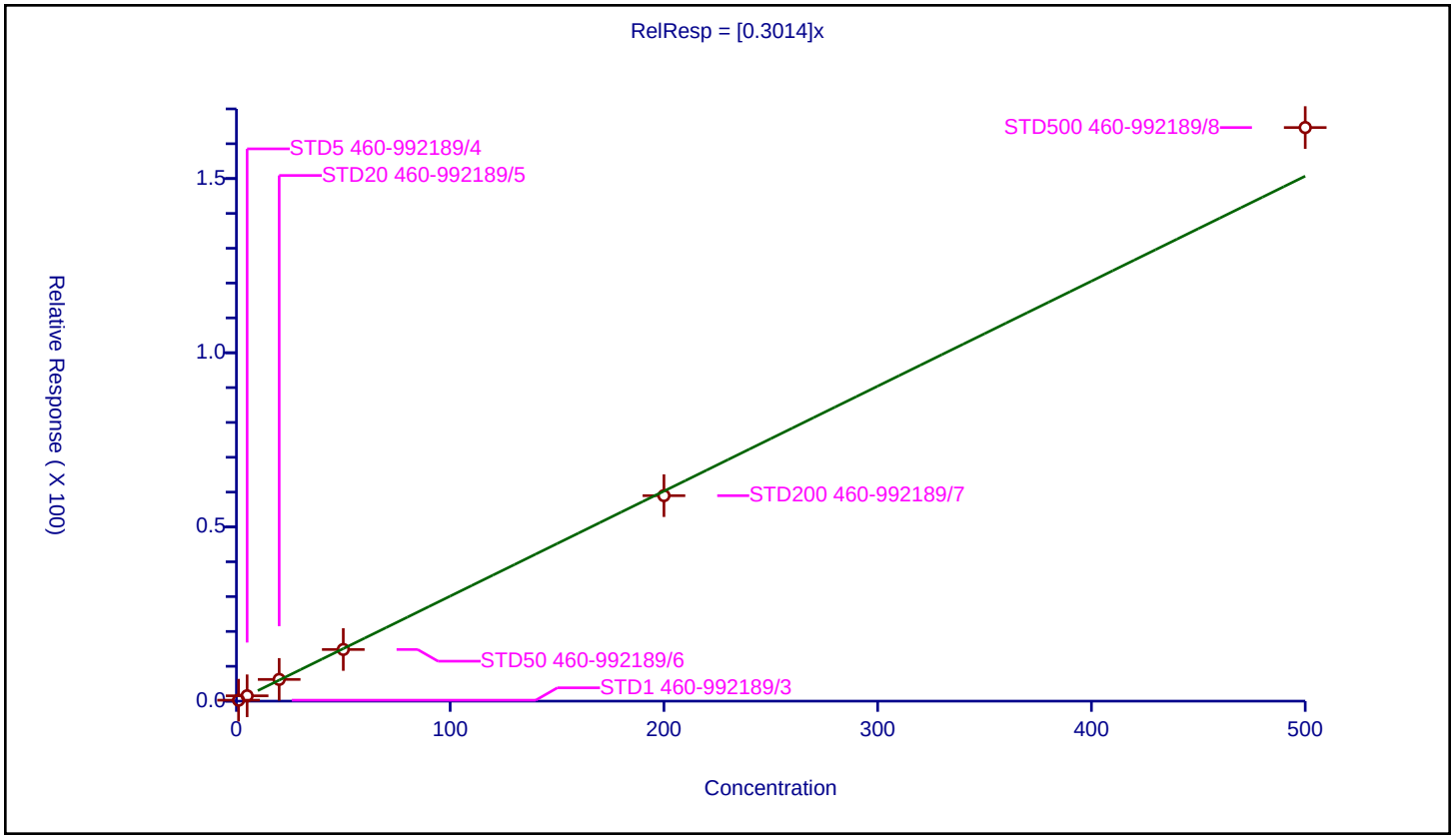
Curve Coefficients

Intercept:	0
Slope:	0.3014

Error Coefficients

Relative Standard Deviation:	6.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0	0.269796	50.0	665688.0	0.269796	Y
2	STD5 460-992189/4	5.0	1.530704	50.0	635688.0	0.306141	Y
3	STD20 460-992189/5	20.0	6.231576	50.0	640464.0	0.311579	Y
4	STD50 460-992189/6	50.0	14.829552	50.0	668358.0	0.296591	Y
5	STD200 460-992189/7	200.0	58.987313	50.0	695536.0	0.294937	Y
6	STD500 460-992189/8	500.0	164.642748	50.0	691612.0	0.329285	Y



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Calibration / Acetonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

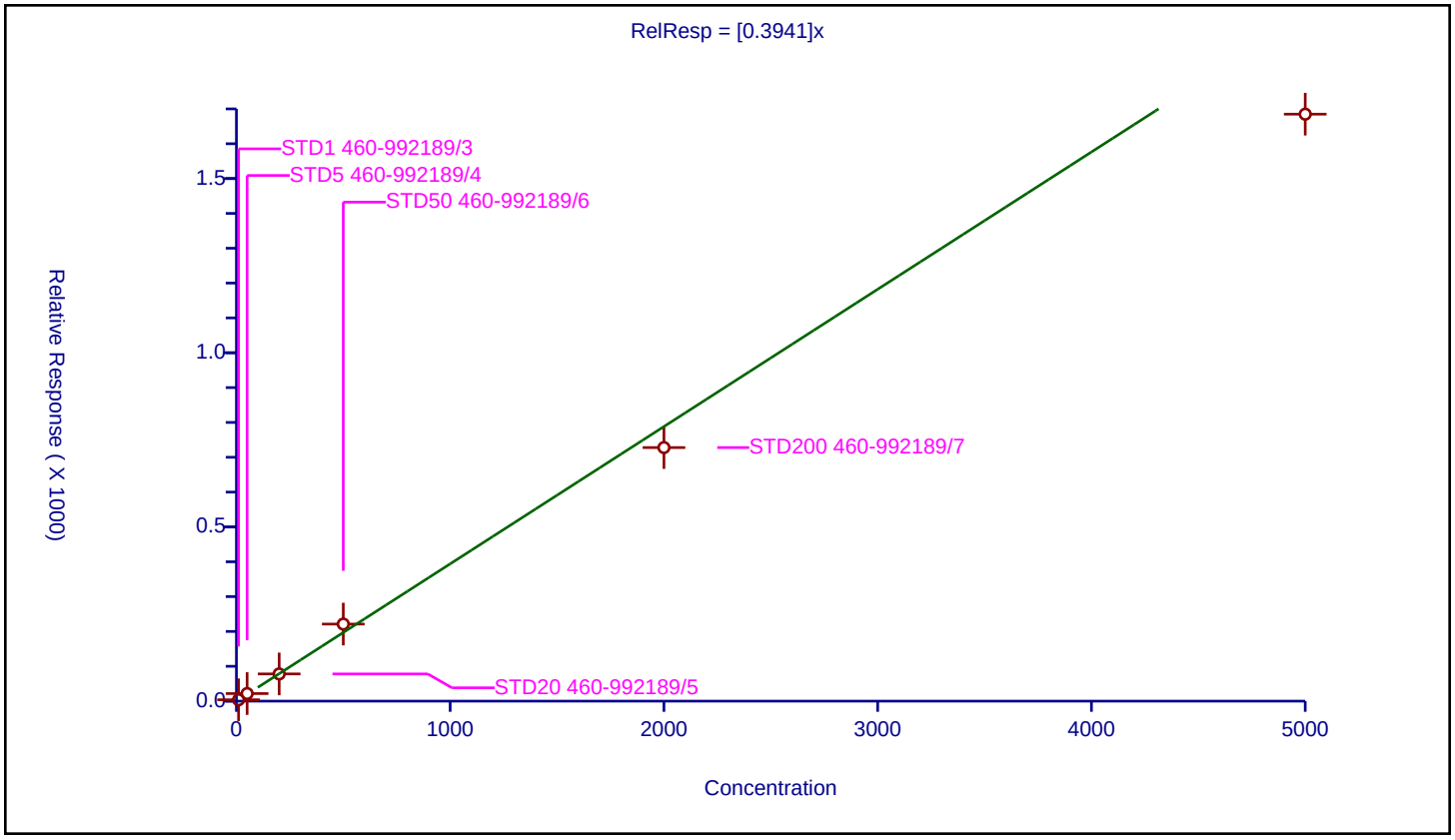
Curve Coefficients

Intercept:	0
Slope:	0.3941

Error Coefficients

Relative Standard Deviation:	10.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	10.0	3.950787	1000.0	381443.0	0.395079	Y
2	STD5 460-992189/4	50.0	21.786771	1000.0	414334.0	0.435735	Y
3	STD20 460-992189/5	200.0	78.069971	1000.0	419662.0	0.39035	Y
4	STD50 460-992189/6	500.0	221.177544	1000.0	414269.0	0.442355	Y
5	STD200 460-992189/7	2000.0	727.816014	1000.0	458991.0	0.363908	Y
6	STD500 460-992189/8	5000.0	1684.860678	1000.0	454307.0	0.336972	Y



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Calibration / Methyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

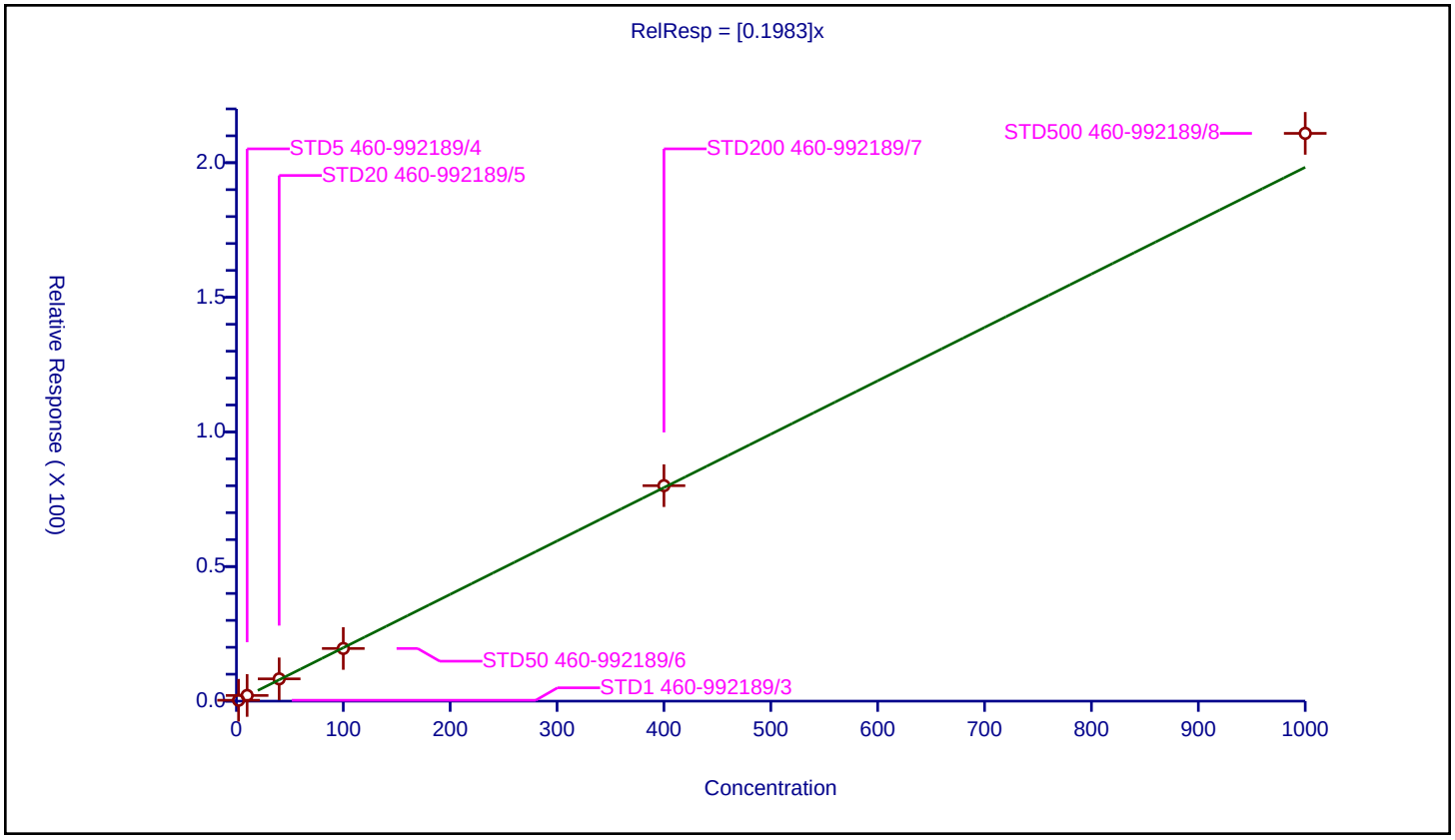
Curve Coefficients

Intercept:	0
Slope:	0.1983

Error Coefficients

Relative Standard Deviation:	8.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	2.0	0.33026	50.0	665688.0	0.16513	Y
2	STD5 460-992189/4	10.0	2.112436	50.0	635688.0	0.211244	Y
3	STD20 460-992189/5	40.0	8.275797	50.0	640464.0	0.206895	Y
4	STD50 460-992189/6	100.0	19.559877	50.0	668358.0	0.195599	Y
5	STD200 460-992189/7	400.0	80.04654	50.0	695536.0	0.200116	Y
6	STD500 460-992189/8	1000.0	210.903946	50.0	691612.0	0.210904	Y



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Calibration / Methylene Chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

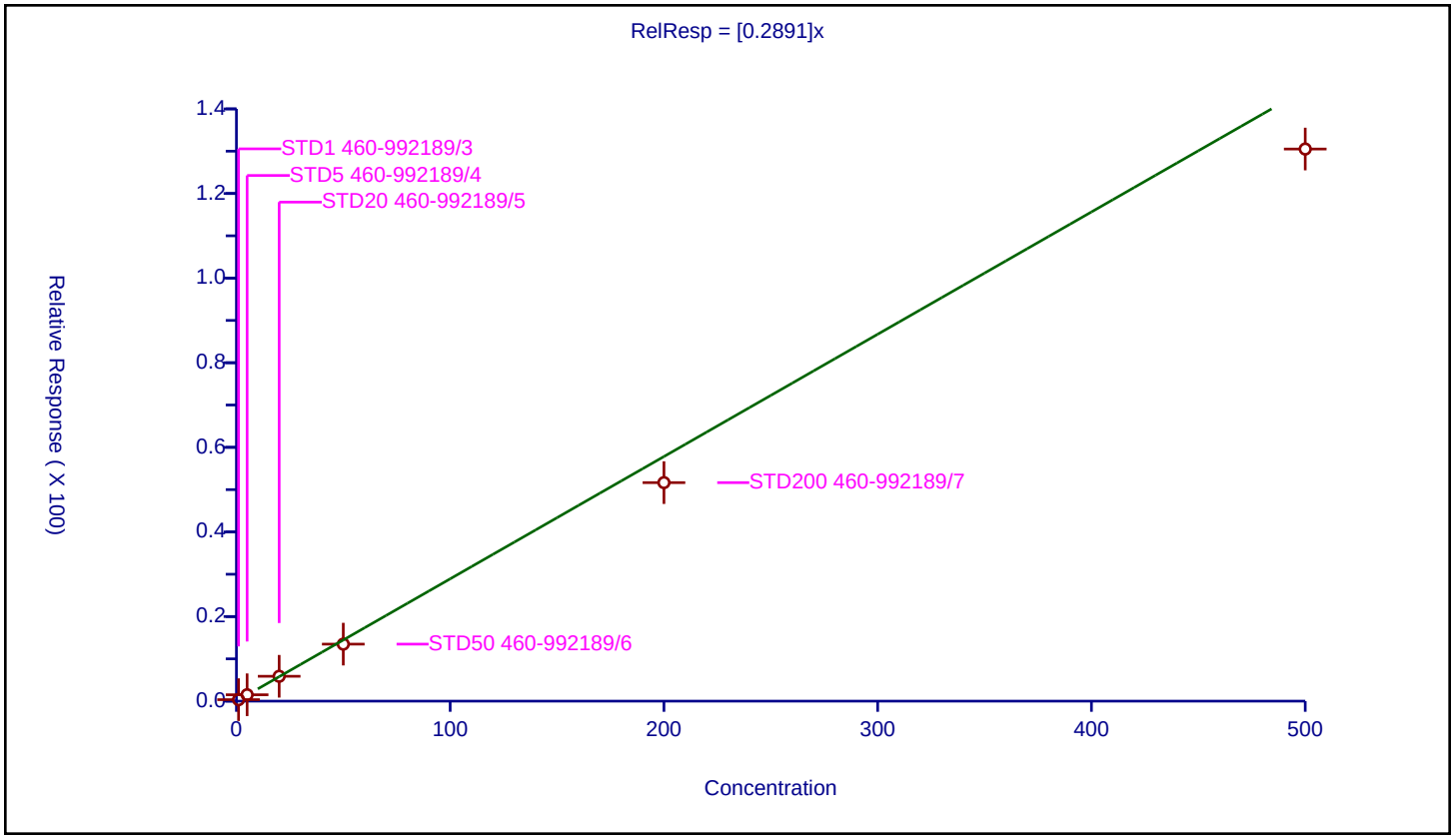
Curve Coefficients

Intercept:	0
Slope:	0.2891

Error Coefficients

Relative Standard Deviation:	12.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0	0.350014	50.0	665688.0	0.350014	Y
2	STD5 460-992189/4	5.0	1.509467	50.0	635688.0	0.301893	Y
3	STD20 460-992189/5	20.0	5.876208	50.0	640464.0	0.29381	Y
4	STD50 460-992189/6	50.0	13.479228	50.0	668358.0	0.269585	Y
5	STD200 460-992189/7	200.0	51.658074	50.0	695536.0	0.25829	Y
6	STD500 460-992189/8	500.0	130.51046	50.0	691612.0	0.261021	Y



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Calibration / 2-Methyl-2-propanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

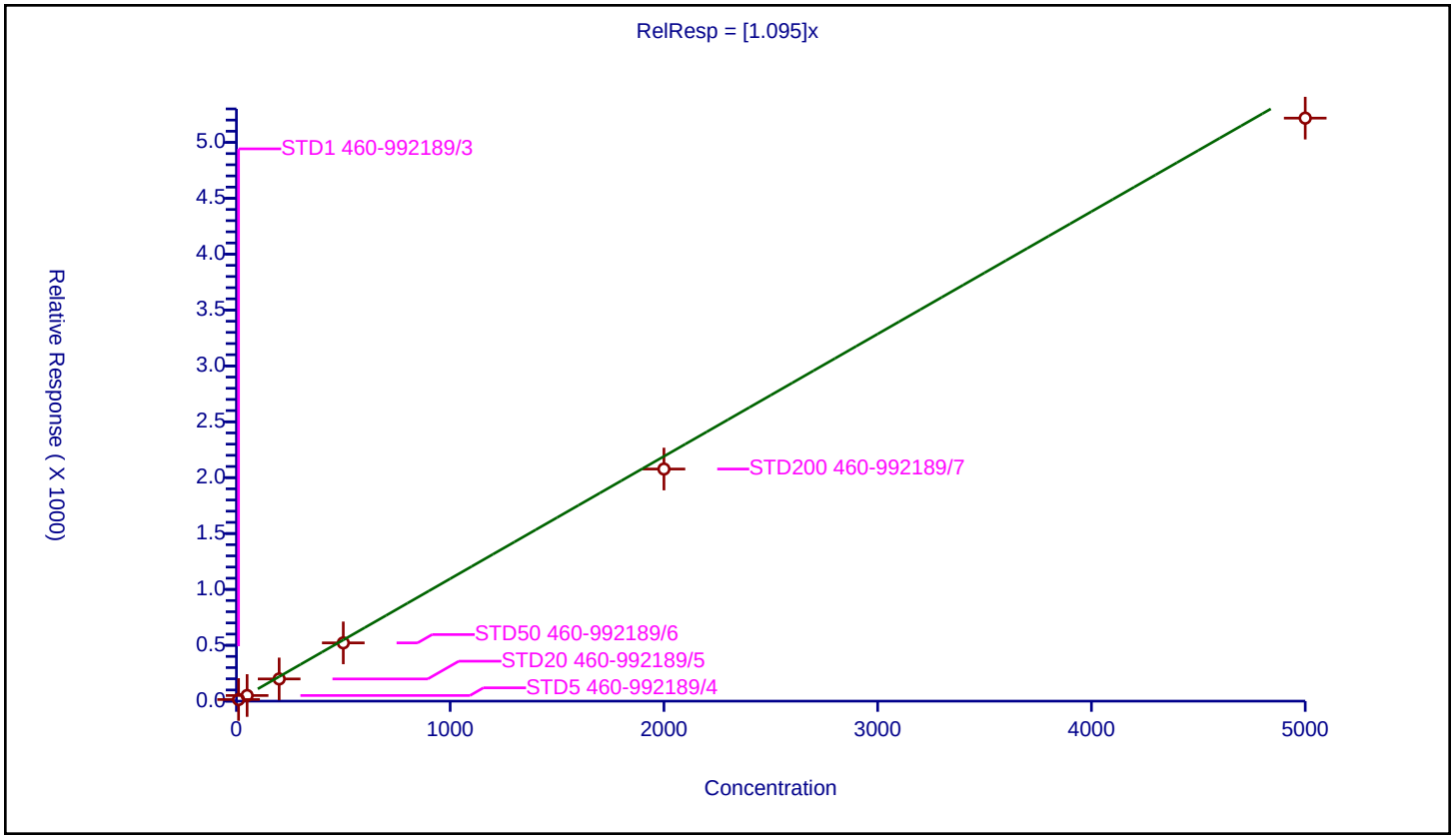
Curve Coefficients

Intercept:	0
Slope:	1.095

Error Coefficients

Relative Standard Deviation:	15.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	10.0	14.45039	1000.0	381443.0	1.445039	Y
2	STD5 460-992189/4	50.0	50.447224	1000.0	414334.0	1.008944	Y
3	STD20 460-992189/5	200.0	198.593154	1000.0	419662.0	0.992966	Y
4	STD50 460-992189/6	500.0	521.364138	1000.0	414269.0	1.042728	Y
5	STD200 460-992189/7	2000.0	2076.973187	1000.0	458991.0	1.038487	Y
6	STD500 460-992189/8	5000.0	5217.267178	1000.0	454307.0	1.043453	Y



Calibration / Acrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

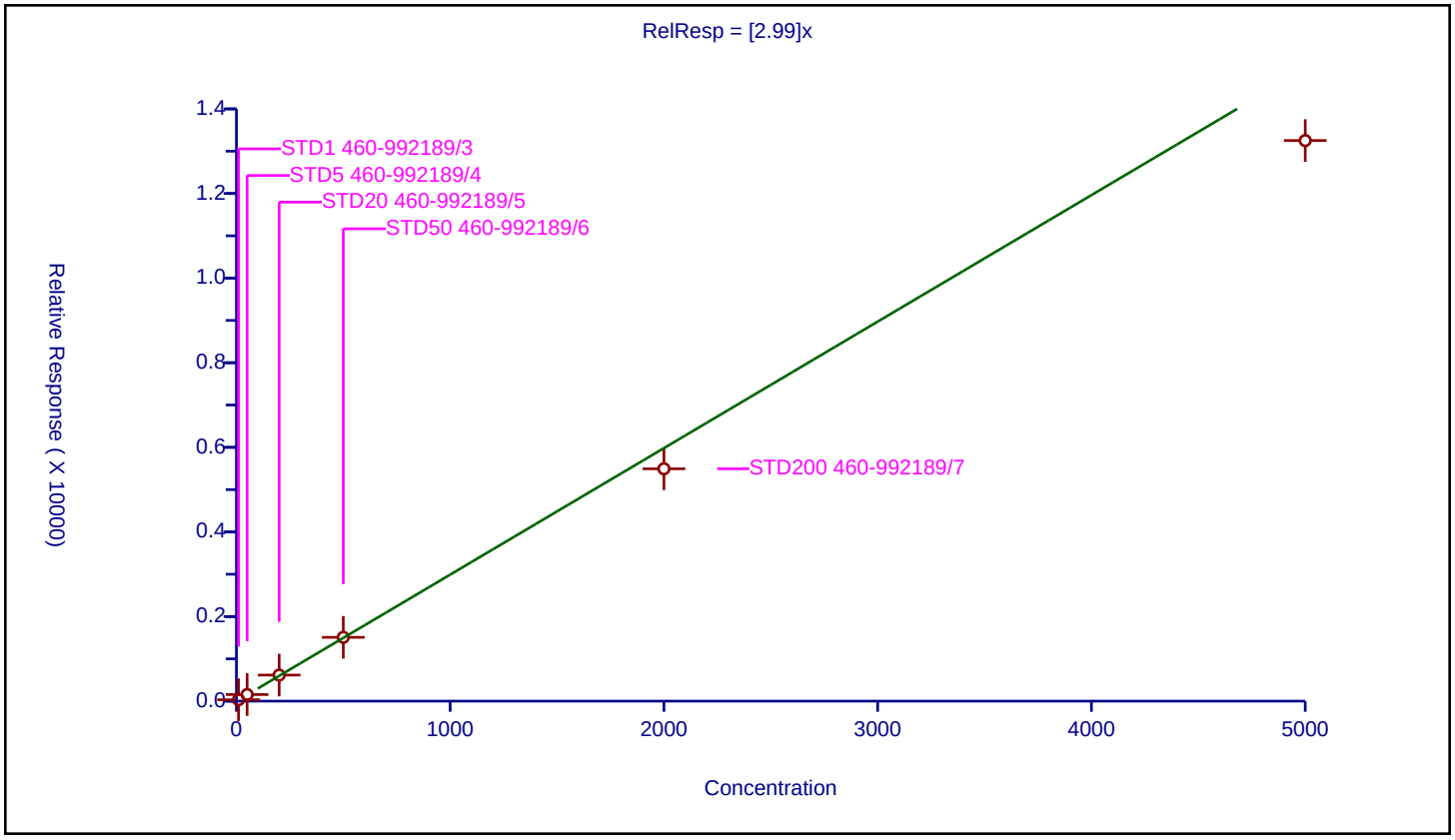
Curve Coefficients

Intercept:	0
Slope:	2.99

Error Coefficients

Relative Standard Deviation:	8.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	10.0	33.32608	1000.0	381443.0	3.332608	Y
2	STD5 460-992189/4	50.0	155.854938	1000.0	414334.0	3.117099	Y
3	STD20 460-992189/5	200.0	616.01241	1000.0	419662.0	3.080062	Y
4	STD50 460-992189/6	500.0	1508.244643	1000.0	414269.0	3.016489	Y
5	STD200 460-992189/7	2000.0	5492.60443	1000.0	458991.0	2.746302	Y
6	STD500 460-992189/8	5000.0	13251.242002	1000.0	454307.0	2.650248	Y



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Calibration / trans-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

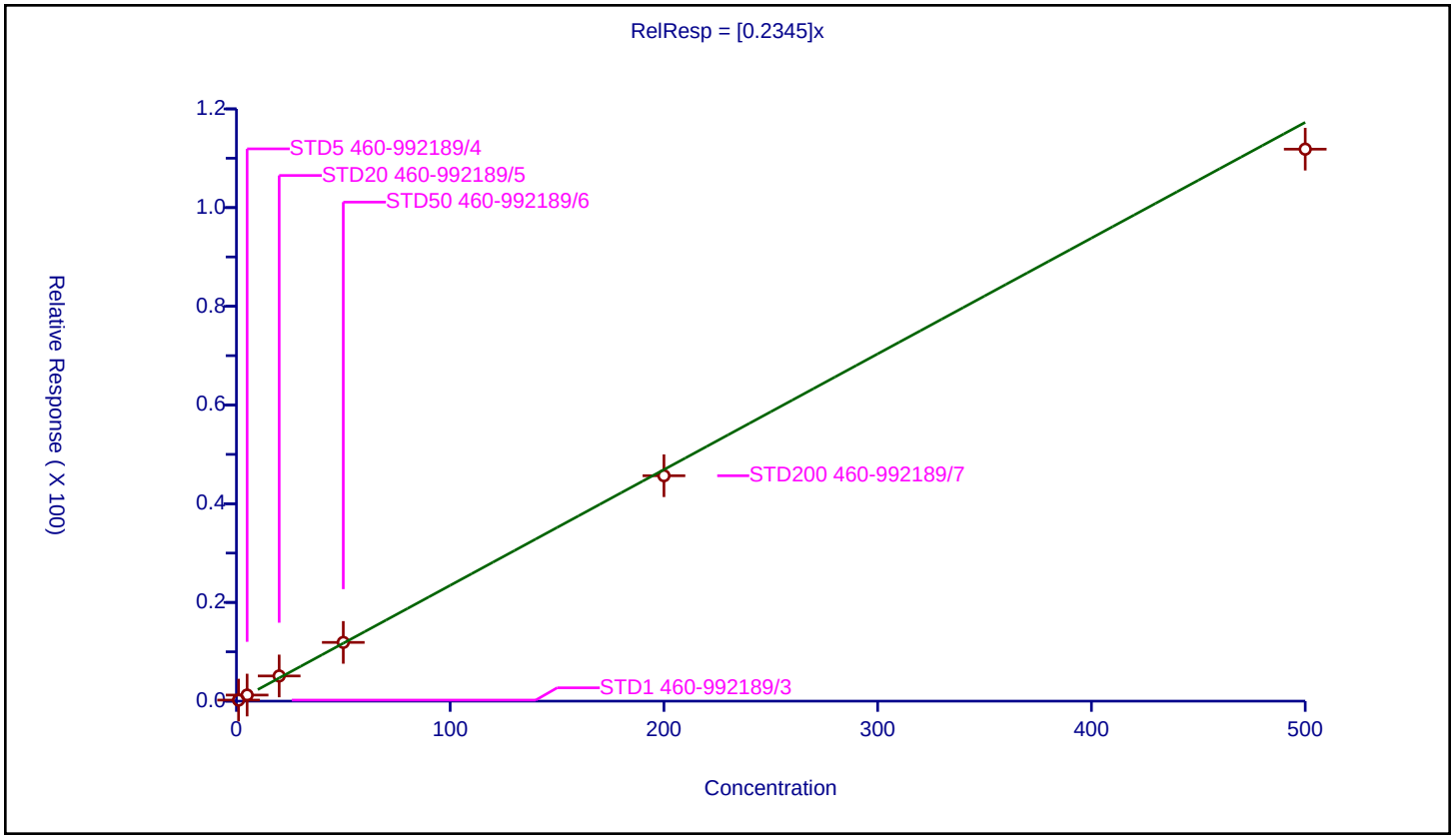
Curve Coefficients

Intercept:	0
Slope:	0.2345

Error Coefficients

Relative Standard Deviation:	6.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0	0.215717	50.0	665688.0	0.215717	Y
2	STD5 460-992189/4	5.0	1.231422	50.0	635688.0	0.246284	Y
3	STD20 460-992189/5	20.0	5.102863	50.0	640464.0	0.255143	Y
4	STD50 460-992189/6	50.0	11.903276	50.0	668358.0	0.238066	Y
5	STD200 460-992189/7	200.0	45.670965	50.0	695536.0	0.228355	Y
6	STD500 460-992189/8	500.0	111.840671	50.0	691612.0	0.223681	Y



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Calibration / Methyl tert-butyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

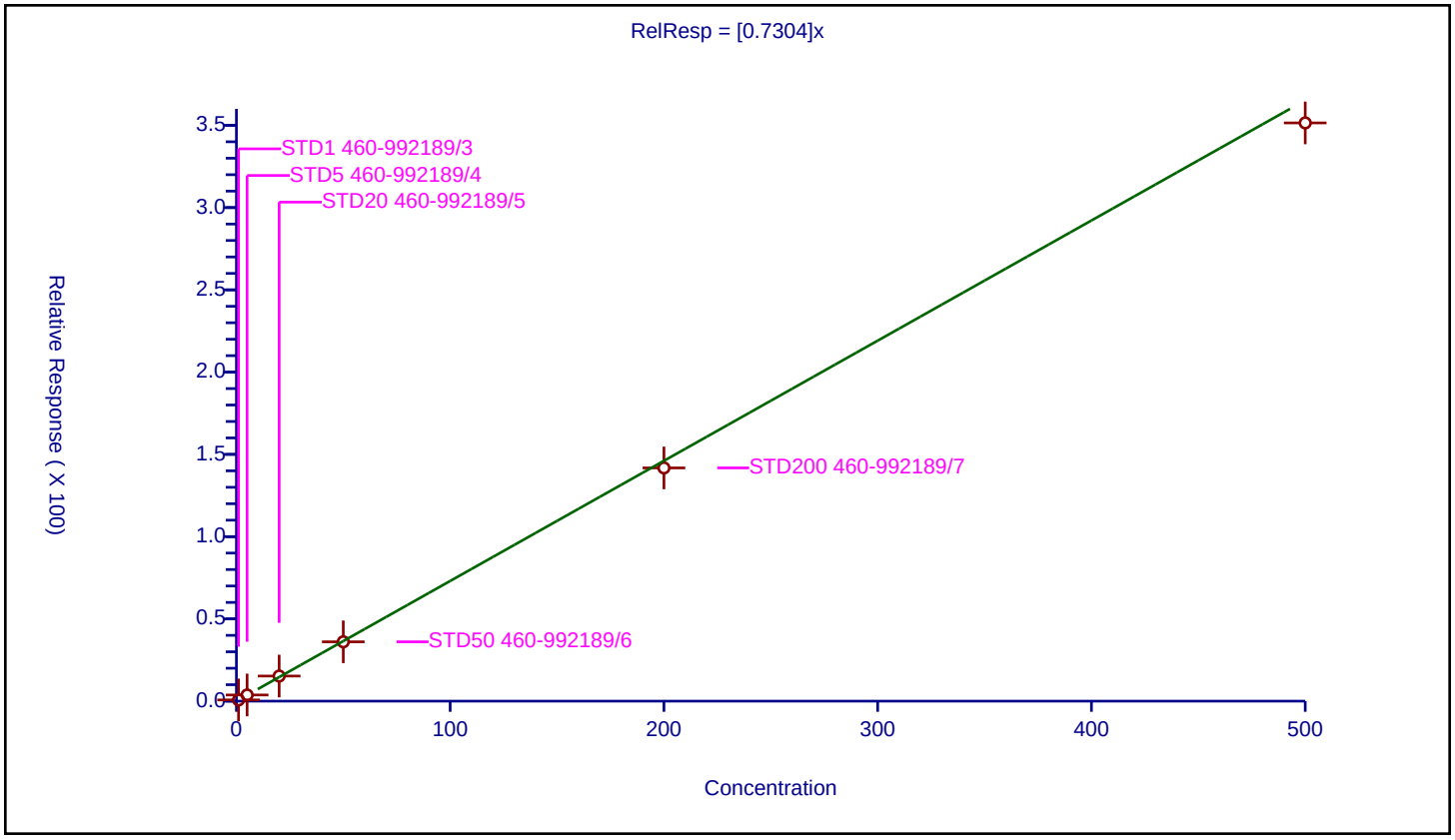
Curve Coefficients

Intercept:	0
Slope:	0.7304

Error Coefficients

Relative Standard Deviation:	3.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0	0.738409	50.0	665688.0	0.738409	Y
2	STD5 460-992189/4	5.0	3.740829	50.0	635688.0	0.748166	Y
3	STD20 460-992189/5	20.0	15.261279	50.0	640464.0	0.763064	Y
4	STD50 460-992189/6	50.0	36.055452	50.0	668358.0	0.721109	Y
5	STD200 460-992189/7	200.0	141.756501	50.0	695536.0	0.708783	Y
6	STD500 460-992189/8	500.0	351.467947	50.0	691612.0	0.702936	Y



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Calibration / Hexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

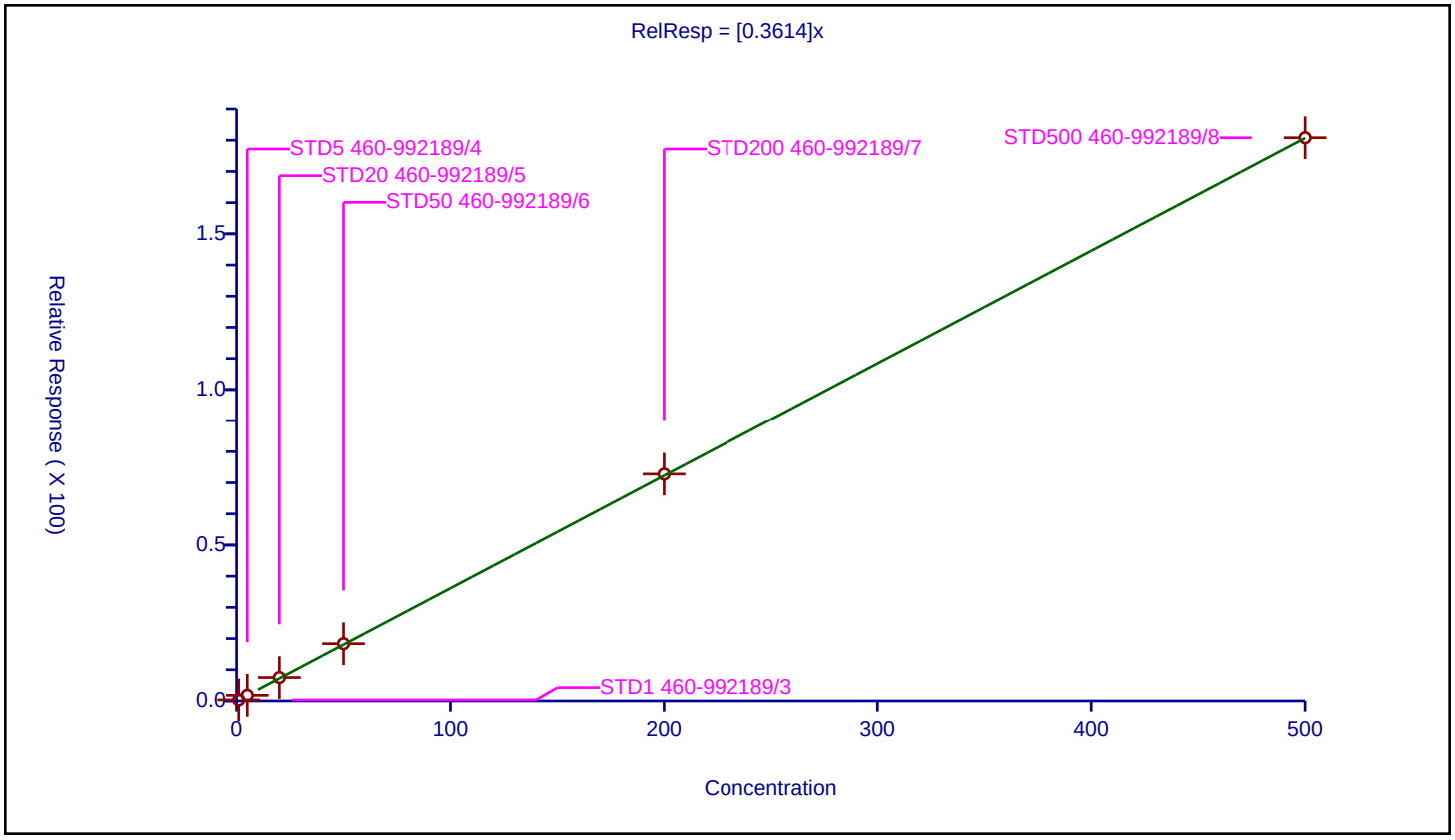
Curve Coefficients

Intercept:	0
Slope:	0.3614

Error Coefficients

Relative Standard Deviation:	3.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0	0.338297	50.0	665688.0	0.338297	Y
2	STD5 460-992189/4	5.0	1.810873	50.0	635688.0	0.362175	Y
3	STD20 460-992189/5	20.0	7.505184	50.0	640464.0	0.375259	Y
4	STD50 460-992189/6	50.0	18.356554	50.0	668358.0	0.367131	Y
5	STD200 460-992189/7	200.0	72.774738	50.0	695536.0	0.363874	Y
6	STD500 460-992189/8	500.0	180.809254	50.0	691612.0	0.361619	Y



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Calibration / 1,1-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

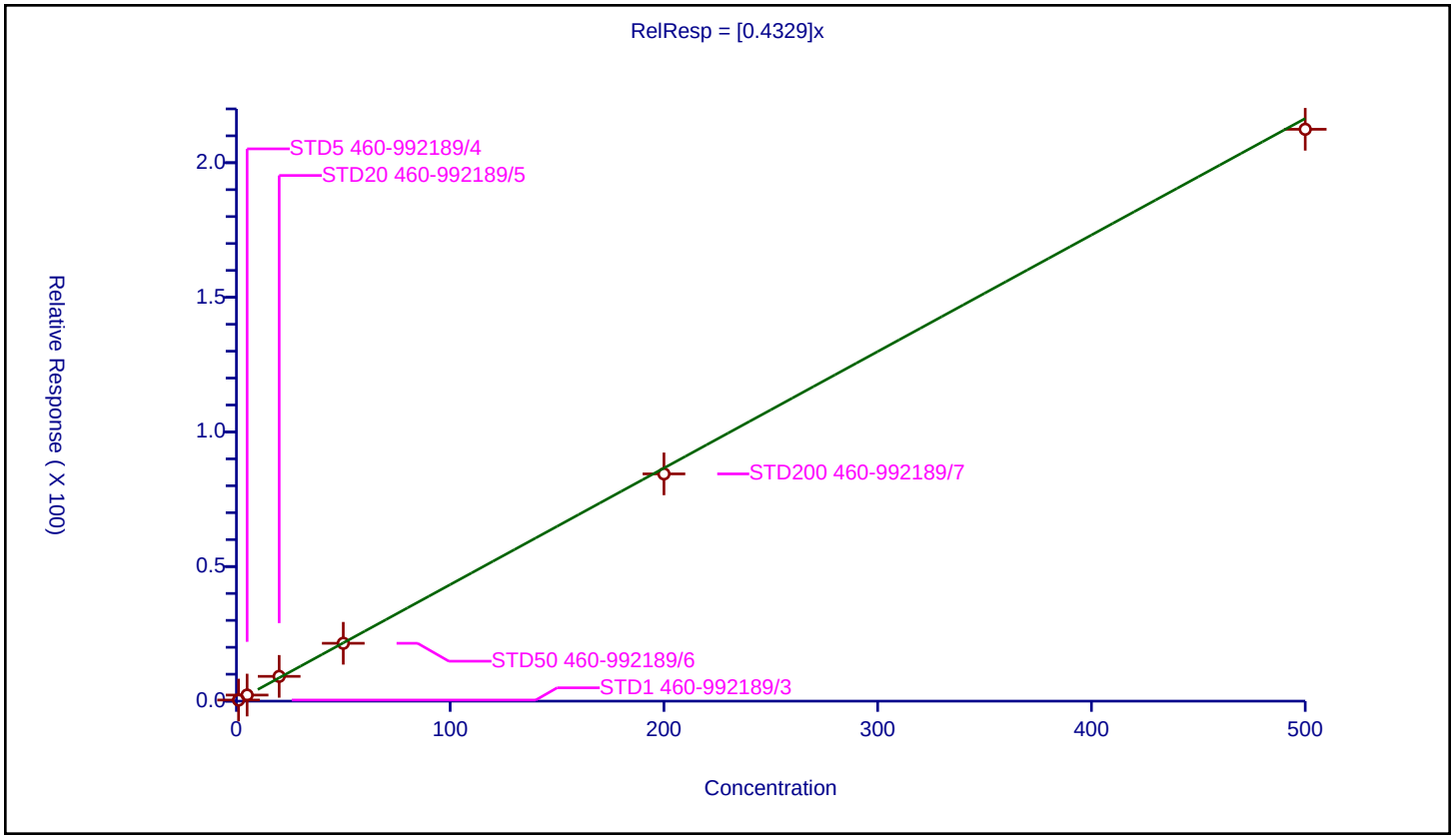
Curve Coefficients

Intercept:	0
Slope:	0.4329

Error Coefficients

Relative Standard Deviation:	4.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0	0.407849	50.0	665688.0	0.407849	Y
2	STD5 460-992189/4	5.0	2.261172	50.0	635688.0	0.452234	Y
3	STD20 460-992189/5	20.0	9.204889	50.0	640464.0	0.460244	Y
4	STD50 460-992189/6	50.0	21.497536	50.0	668358.0	0.429951	Y
5	STD200 460-992189/7	200.0	84.415185	50.0	695536.0	0.422076	Y
6	STD500 460-992189/8	500.0	212.420837	50.0	691612.0	0.424842	Y



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Calibration / Vinyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

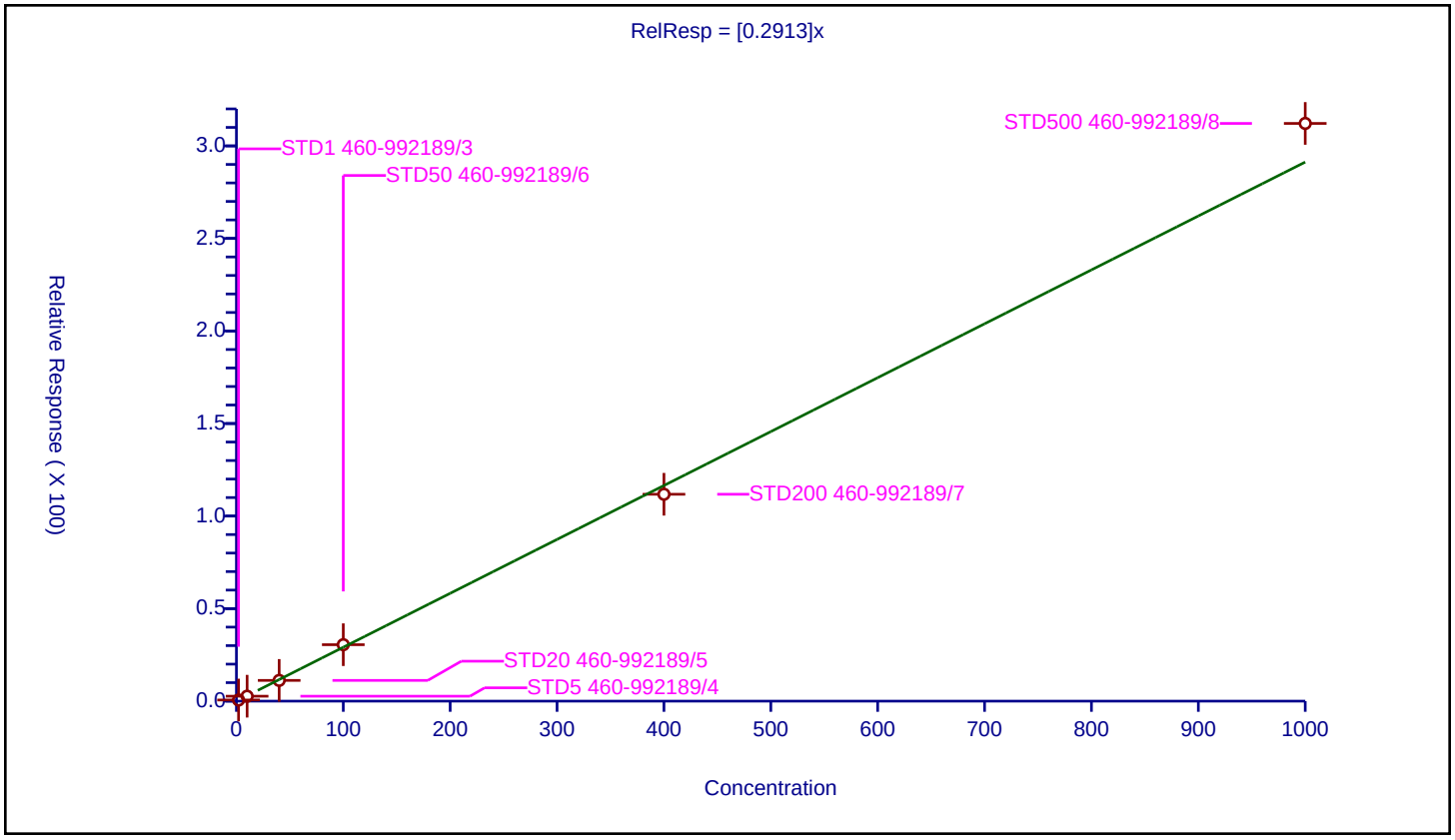
Curve Coefficients

Intercept:	0
Slope:	0.2913

Error Coefficients

Relative Standard Deviation:	6.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	2.0	0.607291	250.0	380378.0	0.303645	Y
2	STD5 460-992189/4	10.0	2.674118	250.0	395364.0	0.267412	Y
3	STD20 460-992189/5	40.0	11.197175	250.0	405705.0	0.279929	Y
4	STD50 460-992189/6	100.0	30.499449	250.0	403745.0	0.304994	Y
5	STD200 460-992189/7	400.0	111.780628	250.0	430949.0	0.279452	Y
6	STD500 460-992189/8	1000.0	312.137955	250.0	418629.0	0.312138	Y



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Calibration / 2-Chloro-1,3-butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

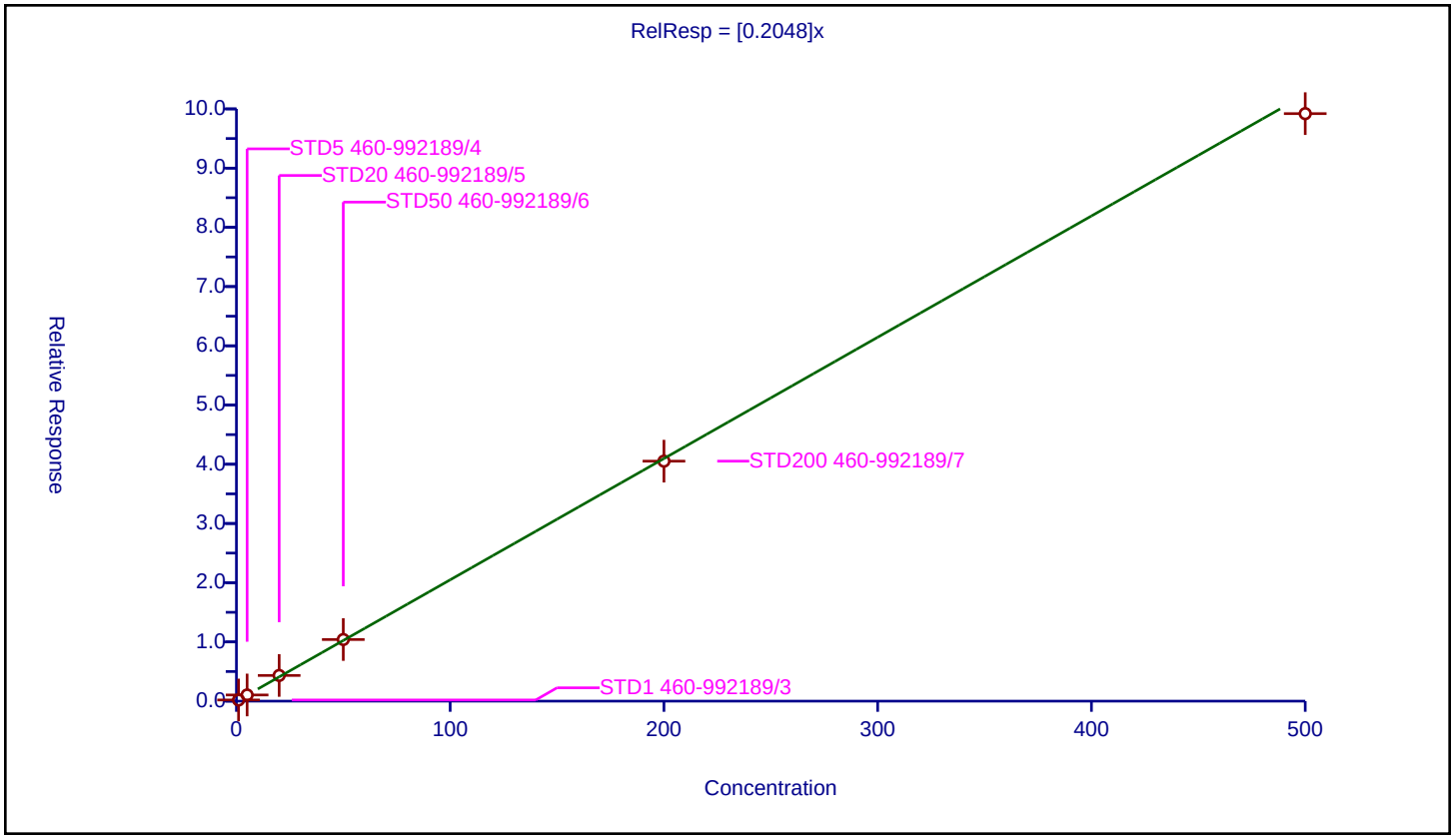
Curve Coefficients

Intercept:	0
Slope:	0.2048

Error Coefficients

Relative Standard Deviation:	3.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0	0.194761	50.0	665688.0	0.194761	Y
2	STD5 460-992189/4	5.0	1.040133	50.0	635688.0	0.208027	Y
3	STD20 460-992189/5	20.0	4.33951	50.0	640464.0	0.216976	Y
4	STD50 460-992189/6	50.0	10.404229	50.0	668358.0	0.208085	Y
5	STD200 460-992189/7	200.0	40.51947	50.0	695536.0	0.202597	Y
6	STD500 460-992189/8	500.0	99.199334	50.0	691612.0	0.198399	Y



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Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

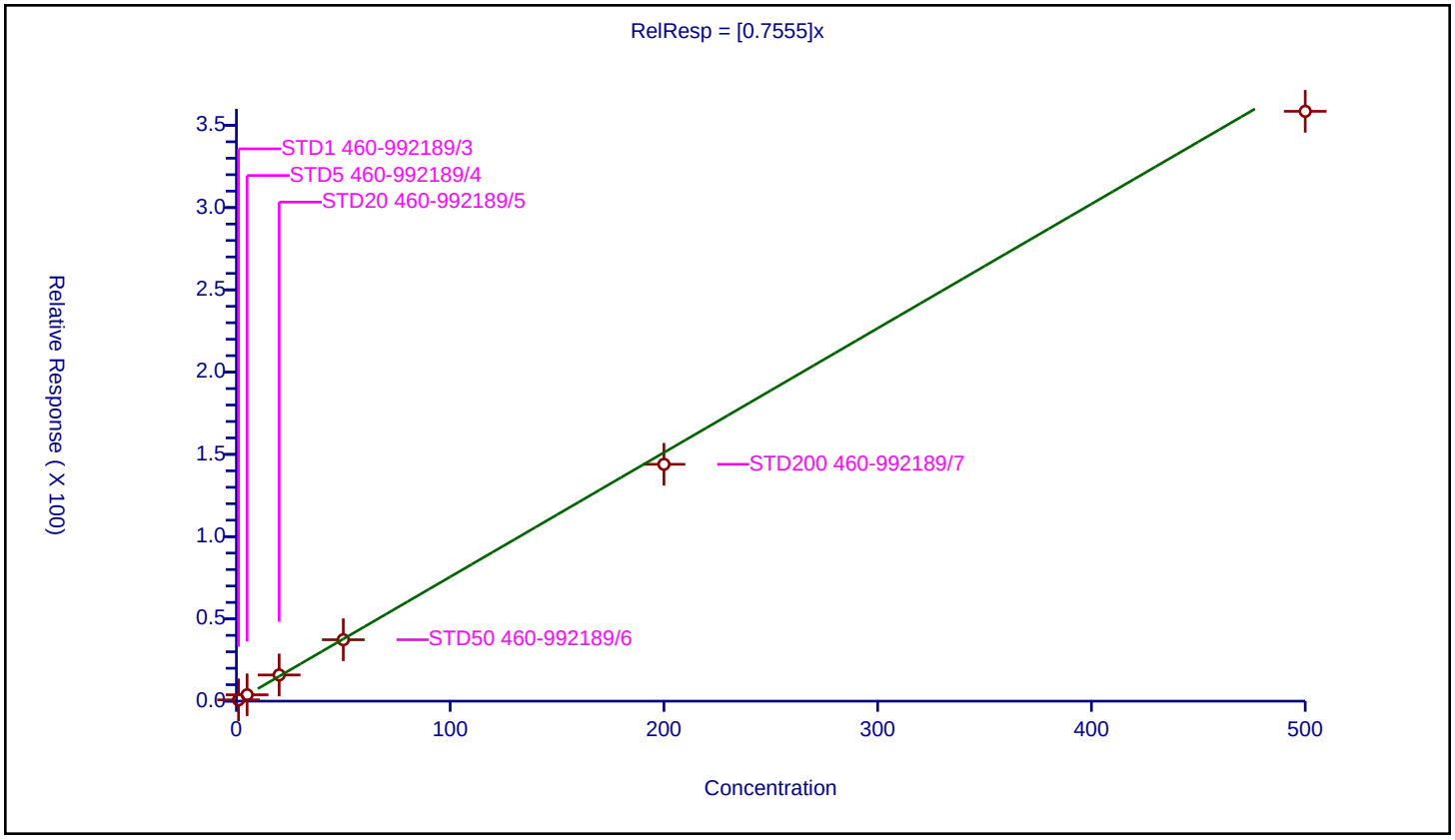
Curve Coefficients

Intercept:	0
Slope:	0.7555

Error Coefficients

Relative Standard Deviation:	4.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0	0.778293	50.0	665688.0	0.778293	Y
2	STD5 460-992189/4	5.0	3.878082	50.0	635688.0	0.775616	Y
3	STD20 460-992189/5	20.0	15.919396	50.0	640464.0	0.79597	Y
4	STD50 460-992189/6	50.0	37.317725	50.0	668358.0	0.746354	Y
5	STD200 460-992189/7	200.0	143.966236	50.0	695536.0	0.719831	Y
6	STD500 460-992189/8	500.0	358.523854	50.0	691612.0	0.717048	Y



Calibration / Tert-butyl ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

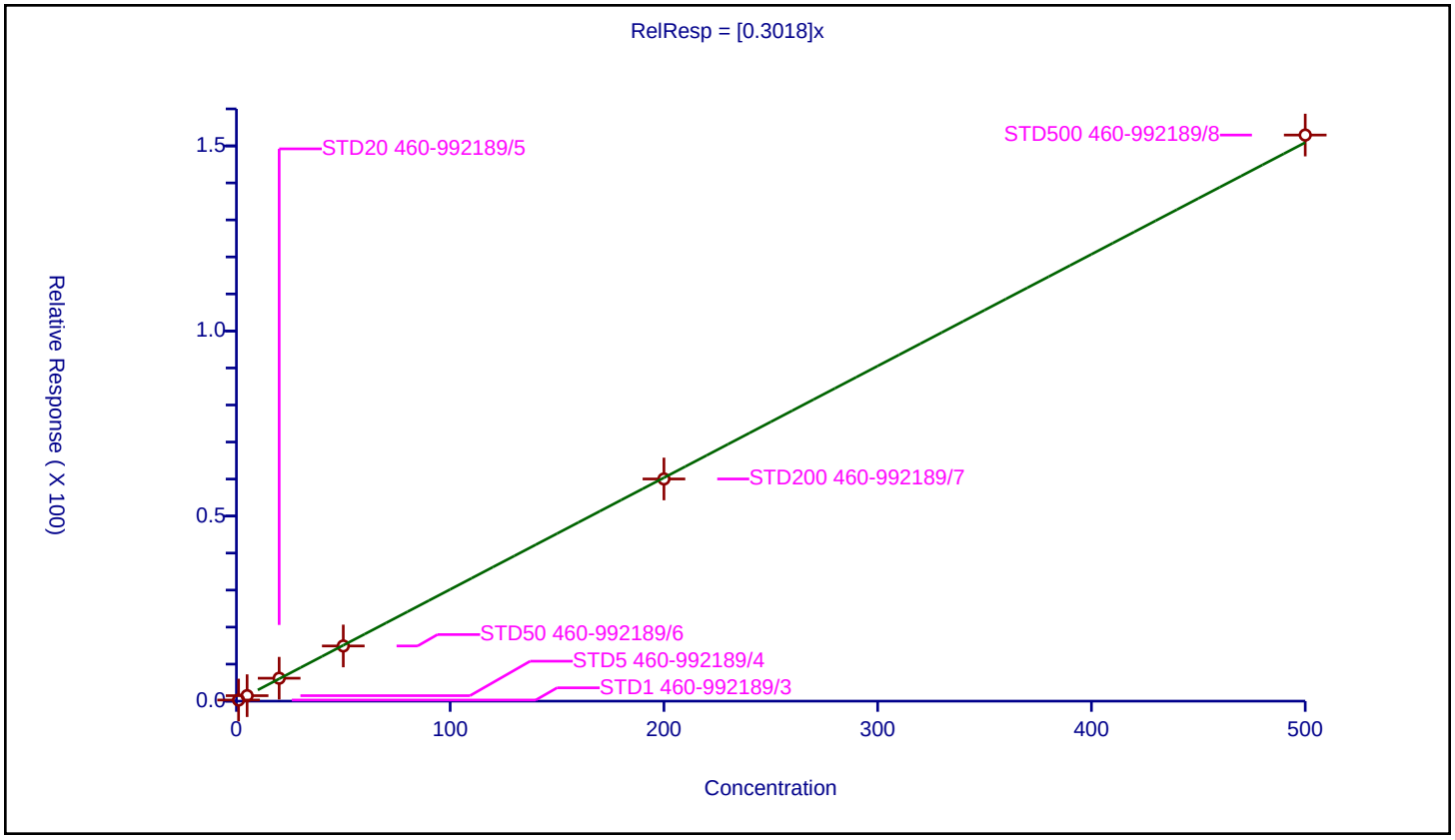
Curve Coefficients

Intercept:	0
Slope:	0.3018

Error Coefficients

Relative Standard Deviation:	1.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0	0.301042	50.0	665688.0	0.301042	Y
2	STD5 460-992189/4	5.0	1.48005	50.0	635688.0	0.29601	Y
3	STD20 460-992189/5	20.0	6.193088	50.0	640464.0	0.309654	Y
4	STD50 460-992189/6	50.0	14.907654	50.0	668358.0	0.298153	Y
5	STD200 460-992189/7	200.0	60.023565	50.0	695536.0	0.300118	Y
6	STD500 460-992189/8	500.0	152.933292	50.0	691612.0	0.305867	Y



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Calibration / 2,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

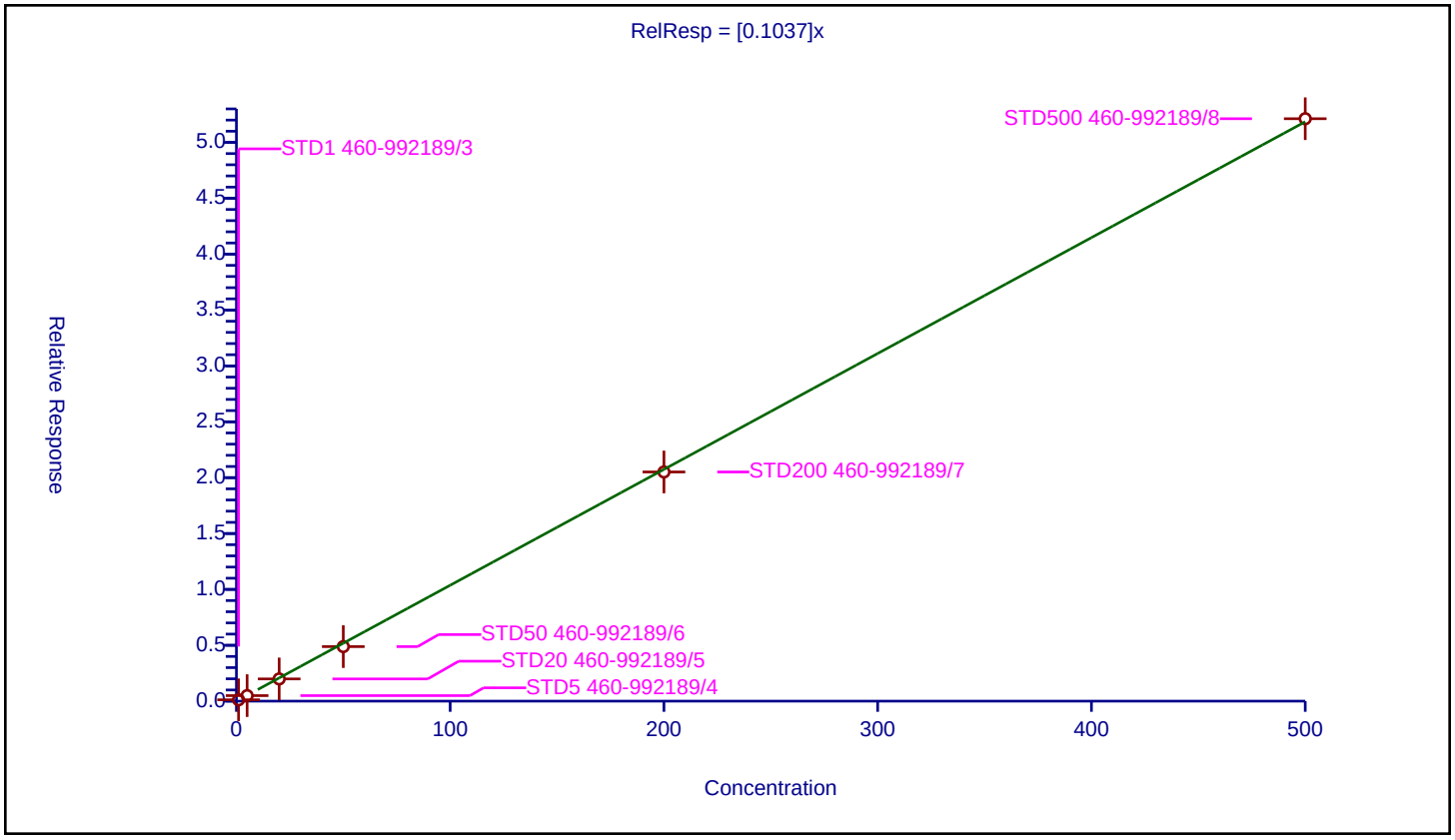
Curve Coefficients

Intercept:	0
Slope:	0.1037

Error Coefficients

Relative Standard Deviation:	7.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0	0.11935	50.0	665688.0	0.11935	Y
2	STD5 460-992189/4	5.0	0.495054	50.0	635688.0	0.099011	Y
3	STD20 460-992189/5	20.0	1.988558	50.0	640464.0	0.099428	Y
4	STD50 460-992189/6	50.0	4.880917	50.0	668358.0	0.097618	Y
5	STD200 460-992189/7	200.0	20.509363	50.0	695536.0	0.102547	Y
6	STD500 460-992189/8	500.0	52.121638	50.0	691612.0	0.104243	Y



Calibration / cis-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

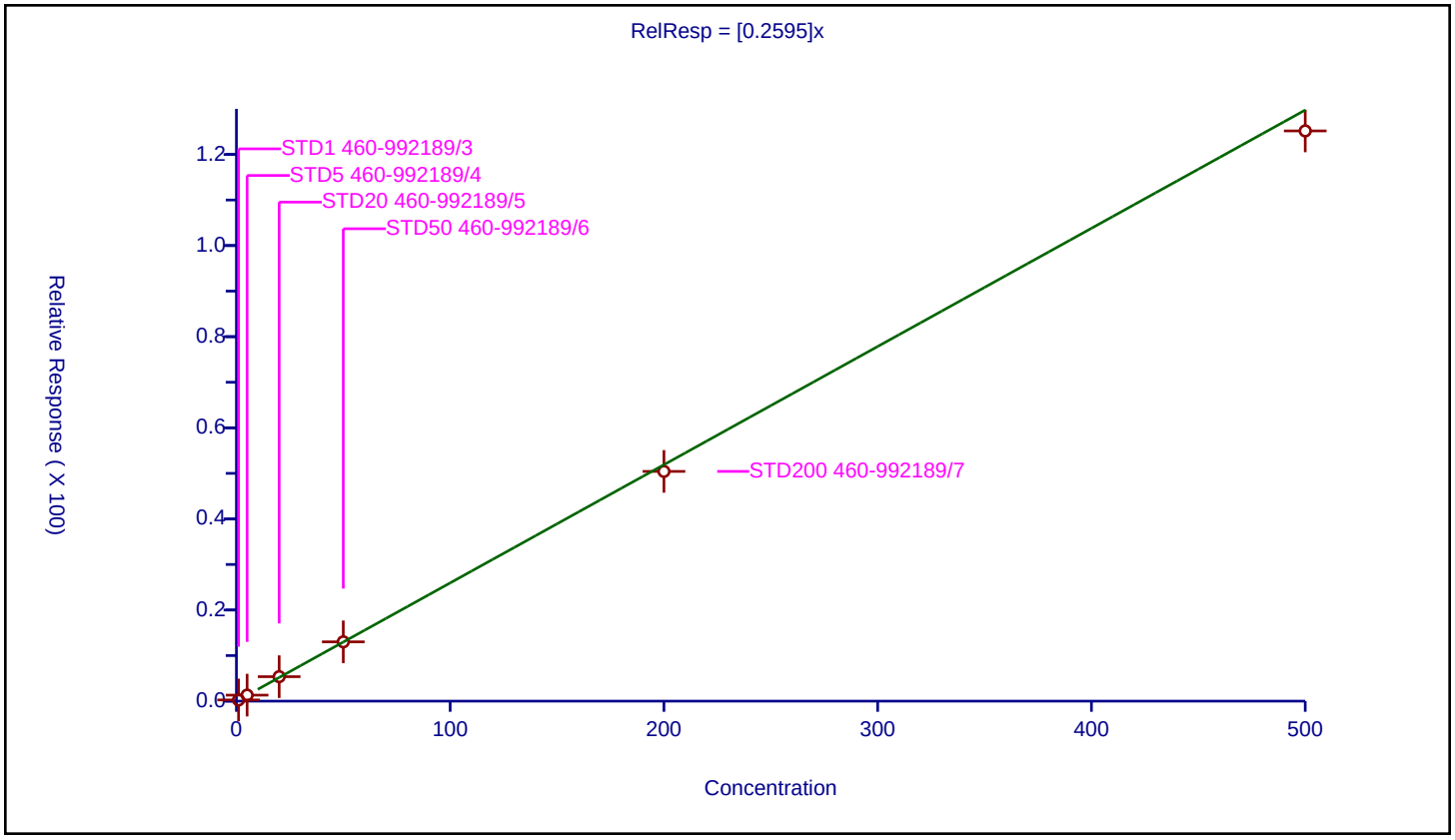
Curve Coefficients

Intercept:	0
Slope:	0.2595

Error Coefficients

Relative Standard Deviation:	2.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0	0.261384	50.0	665688.0	0.261384	Y
2	STD5 460-992189/4	5.0	1.320616	50.0	635688.0	0.264123	Y
3	STD20 460-992189/5	20.0	5.370481	50.0	640464.0	0.268524	Y
4	STD50 460-992189/6	50.0	13.018547	50.0	668358.0	0.260371	Y
5	STD200 460-992189/7	200.0	50.429165	50.0	695536.0	0.252146	Y
6	STD500 460-992189/8	500.0	125.165628	50.0	691612.0	0.250331	Y



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Calibration / 2-Butanone (MEK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

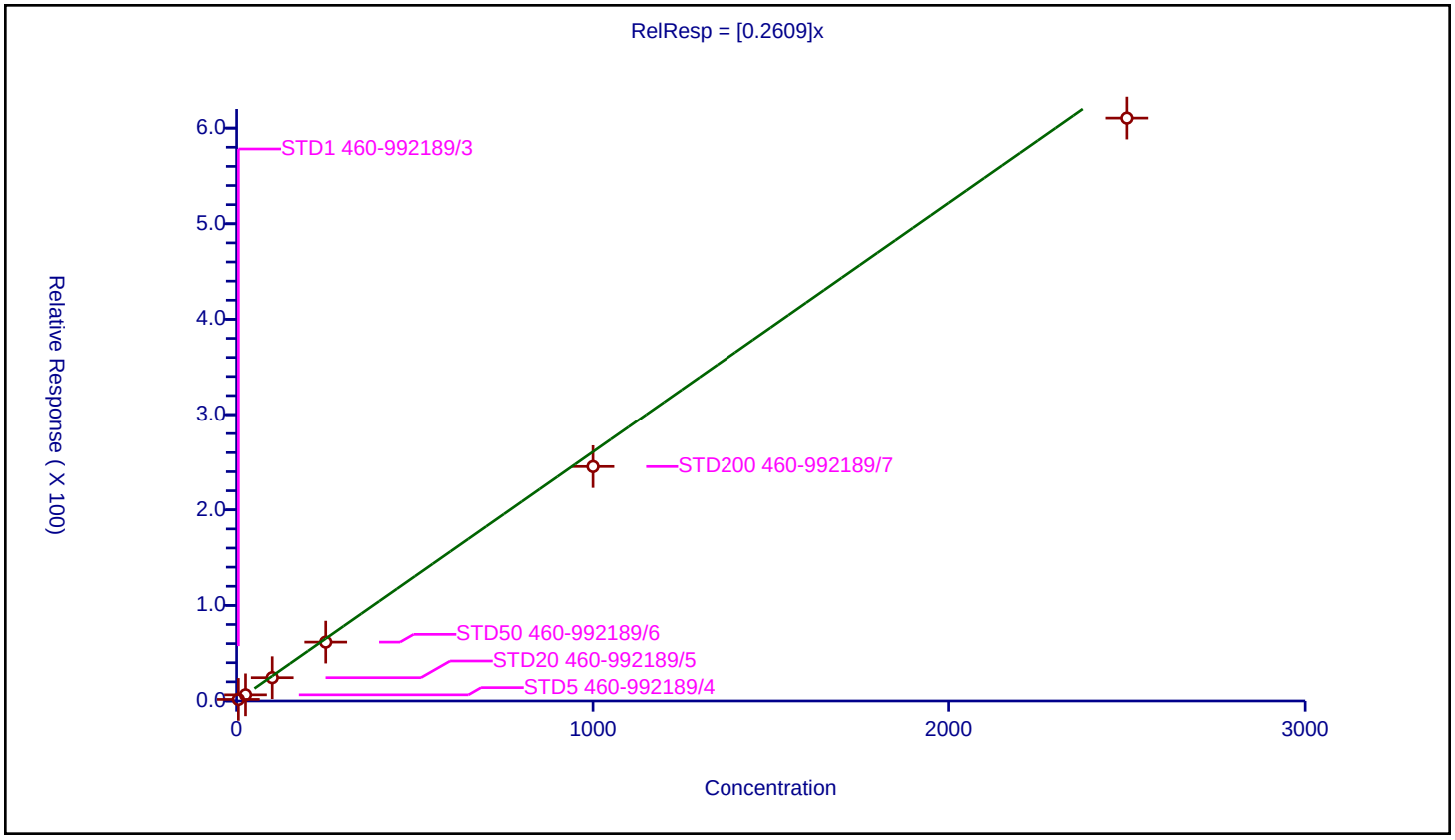
Curve Coefficients

Intercept:	0
Slope:	0.2609

Error Coefficients

Relative Standard Deviation:	12.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	5.0	1.64376	250.0	380378.0	0.328752	Y
2	STD5 460-992189/4	25.0	6.433312	250.0	395364.0	0.257332	Y
3	STD20 460-992189/5	100.0	24.346508	250.0	405705.0	0.243465	Y
4	STD50 460-992189/6	250.0	61.567945	250.0	403745.0	0.246272	Y
5	STD200 460-992189/7	1000.0	245.379964	250.0	430949.0	0.24538	Y
6	STD500 460-992189/8	2500.0	610.489837	250.0	418629.0	0.244196	Y



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Calibration / Ethyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

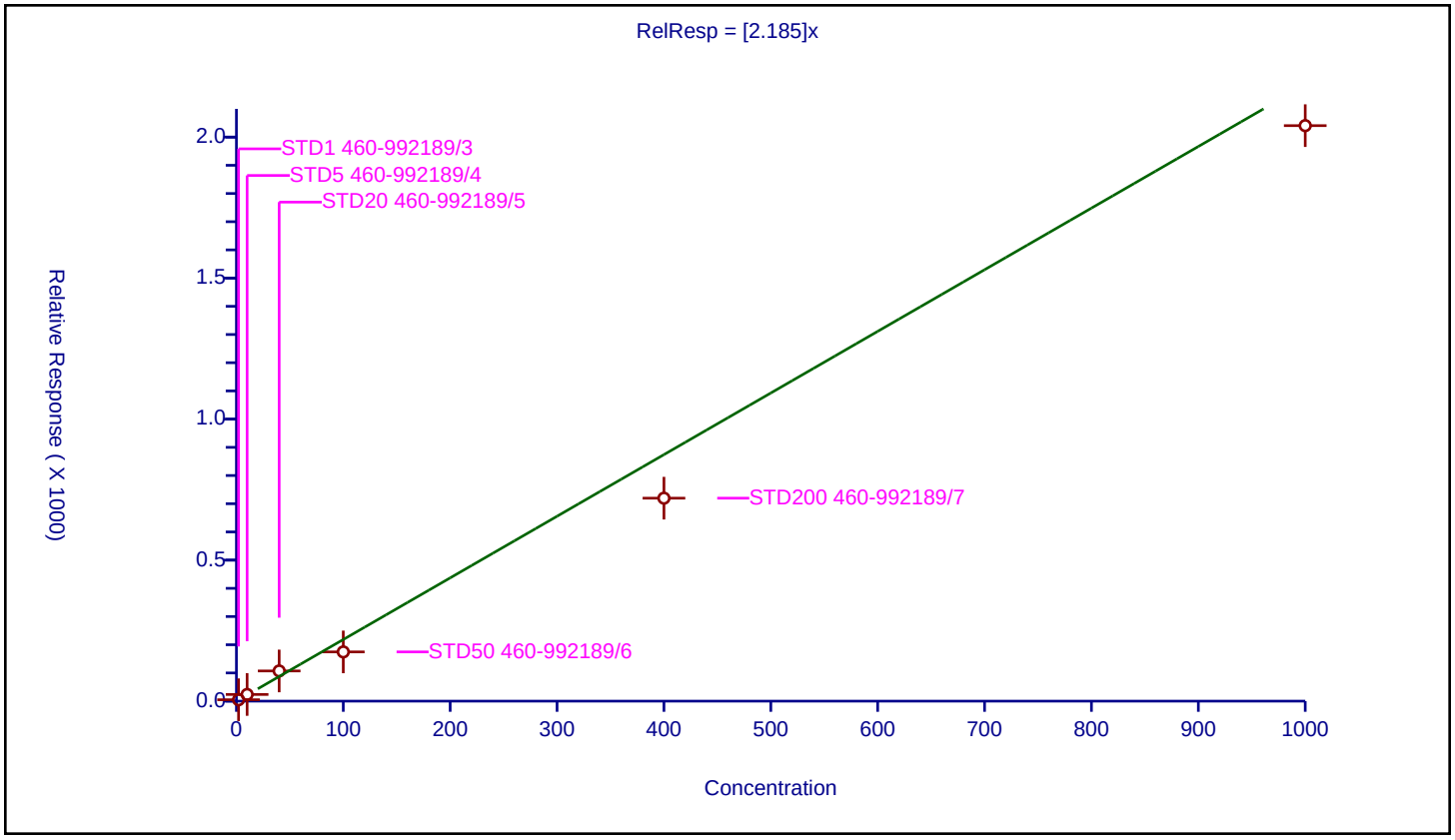
Curve Coefficients

Intercept:	0
Slope:	2.185

Error Coefficients

Relative Standard Deviation:	17.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	2.0	4.973342	250.0	380378.0	2.486671	Y
2	STD5 460-992189/4	10.0	23.625697	250.0	395364.0	2.36257	Y
3	STD20 460-992189/5	40.0	107.079035	250.0	405705.0	2.676976	Y
4	STD50 460-992189/6	100.0	174.532812	250.0	403745.0	1.745328	Y
5	STD200 460-992189/7	400.0	719.633878	250.0	430949.0	1.799085	Y
6	STD500 460-992189/8	1000.0	2040.635025	250.0	418629.0	2.040635	Y



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Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

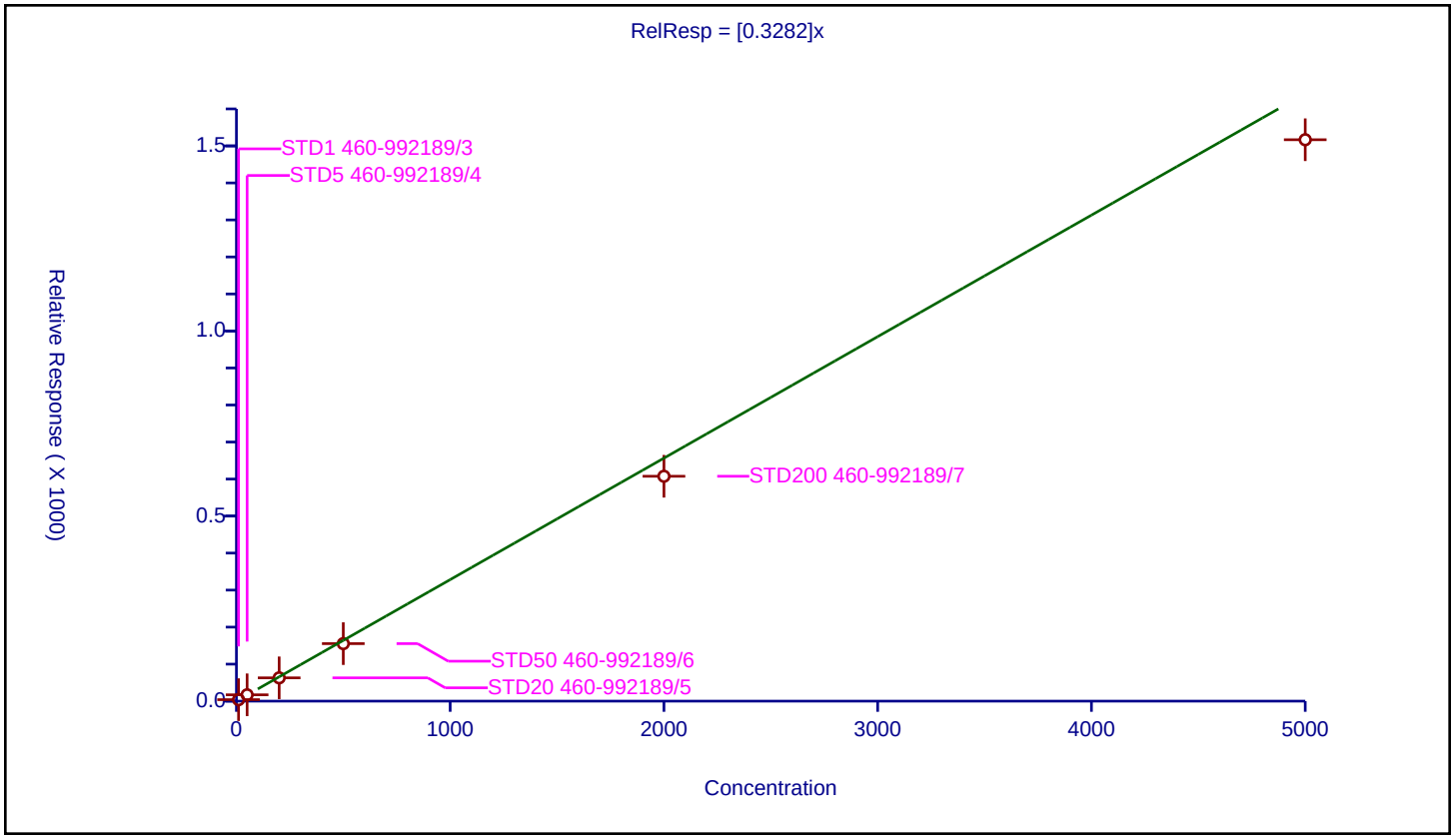
Curve Coefficients

Intercept:	0
Slope:	0.3282

Error Coefficients

Relative Standard Deviation:	11.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	10.0	3.959877	250.0	380378.0	0.395988	Y
2	STD5 460-992189/4	50.0	17.059596	250.0	395364.0	0.341192	Y
3	STD20 460-992189/5	200.0	62.900383	250.0	405705.0	0.314502	Y
4	STD50 460-992189/6	500.0	155.352388	250.0	403745.0	0.310705	Y
5	STD200 460-992189/7	2000.0	607.522584	250.0	430949.0	0.303761	Y
6	STD500 460-992189/8	5000.0	1516.672877	250.0	418629.0	0.303335	Y



Calibration / Methyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

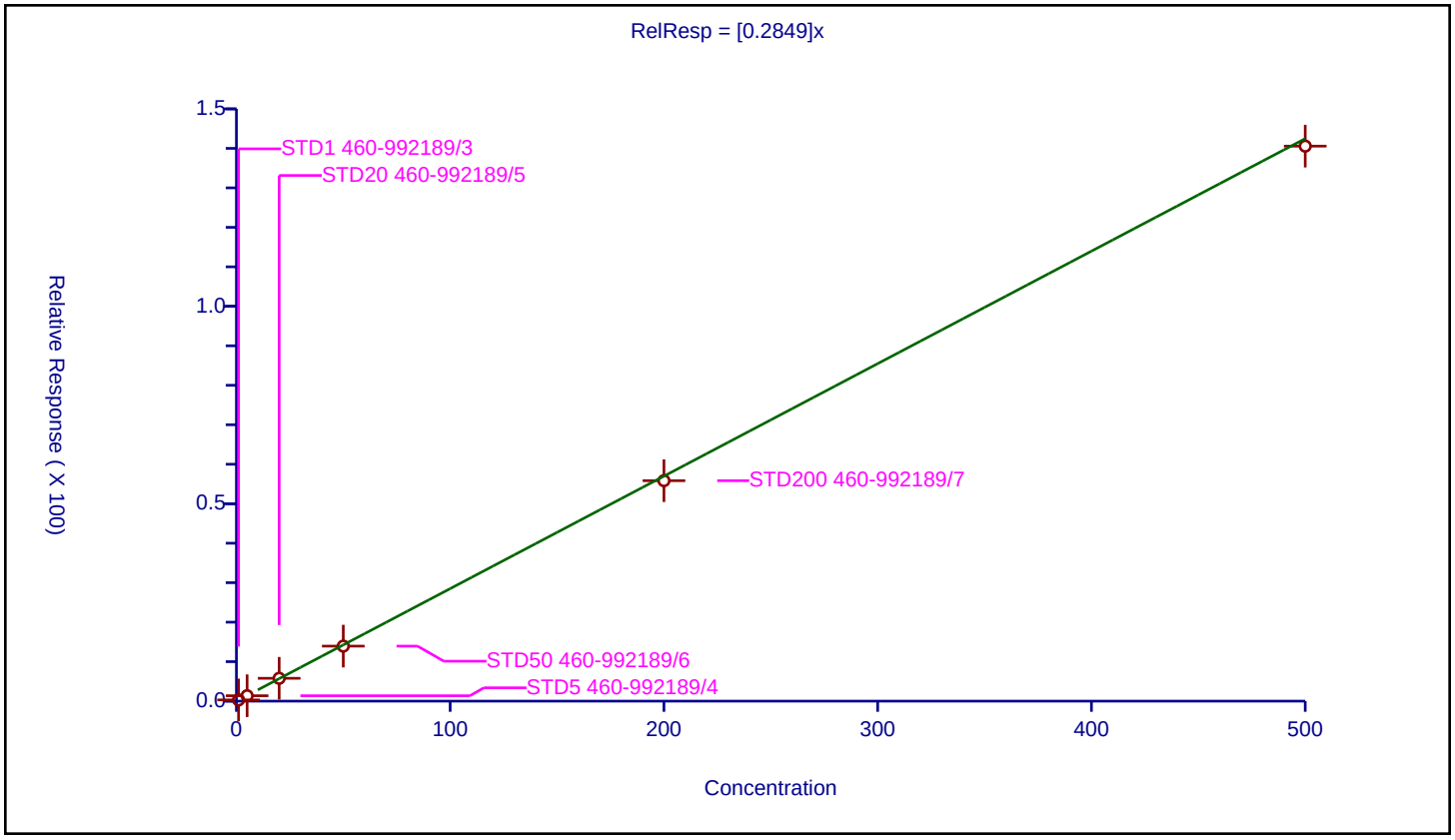
Curve Coefficients

Intercept:	0
Slope:	0.2849

Error Coefficients

Relative Standard Deviation:	4.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0	0.308102	50.0	665688.0	0.308102	Y
2	STD5 460-992189/4	5.0	1.365764	50.0	635688.0	0.273153	Y
3	STD20 460-992189/5	20.0	5.786664	50.0	640464.0	0.289333	Y
4	STD50 460-992189/6	50.0	13.933102	50.0	668358.0	0.278662	Y
5	STD200 460-992189/7	200.0	55.835428	50.0	695536.0	0.279177	Y
6	STD500 460-992189/8	500.0	140.566242	50.0	691612.0	0.281132	Y



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Calibration / Chlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

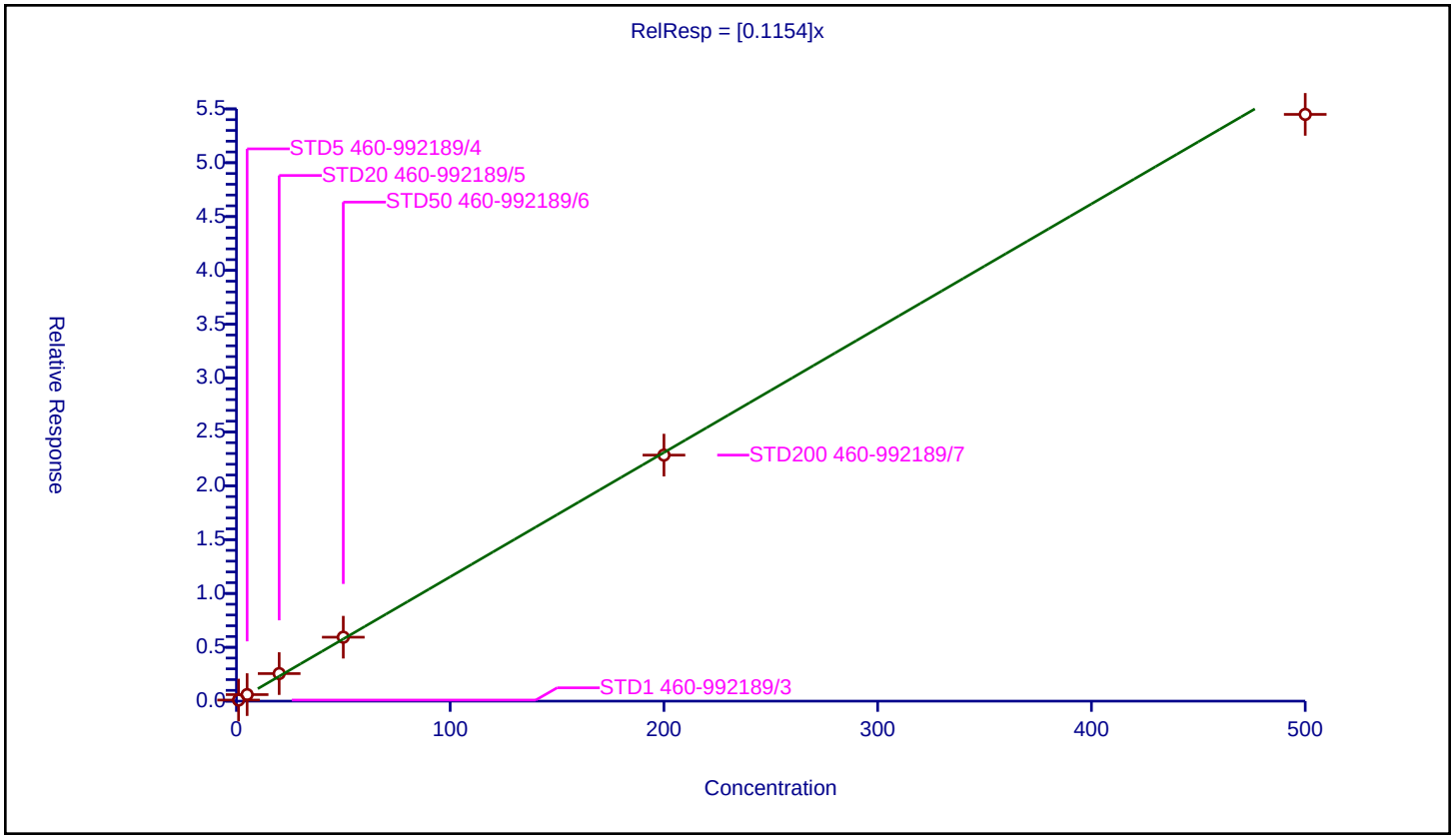
Curve Coefficients

Intercept:	0
Slope:	0.1154

Error Coefficients

Relative Standard Deviation:	8.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0	0.101023	50.0	665688.0	0.101023	Y
2	STD5 460-992189/4	5.0	0.608396	50.0	635688.0	0.121679	Y
3	STD20 460-992189/5	20.0	2.559473	50.0	640464.0	0.127974	Y
4	STD50 460-992189/6	50.0	5.937013	50.0	668358.0	0.11874	Y
5	STD200 460-992189/7	200.0	22.848638	50.0	695536.0	0.114243	Y
6	STD500 460-992189/8	500.0	54.489584	50.0	691612.0	0.108979	Y



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Calibration / Methacrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

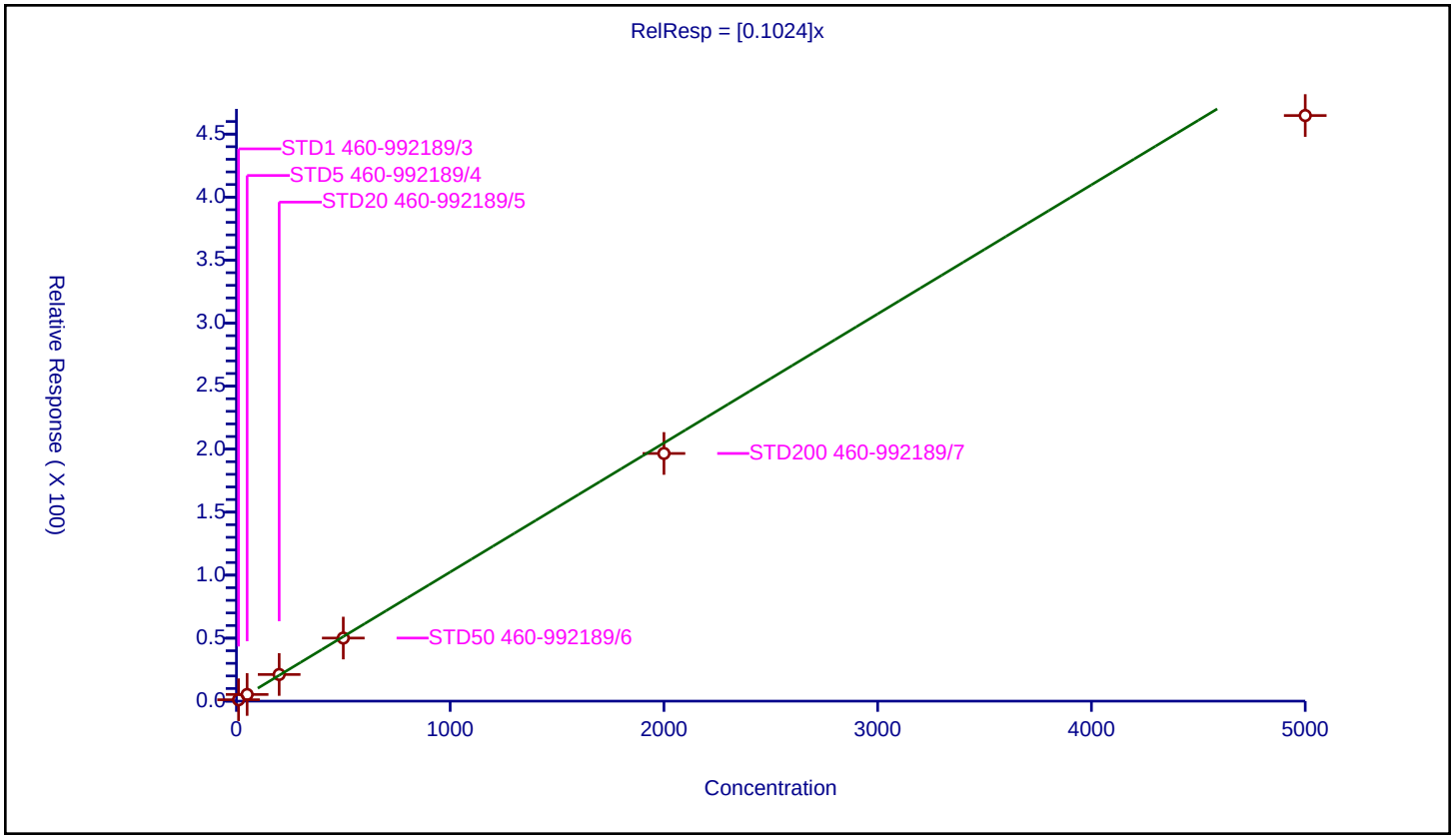
Curve Coefficients

Intercept:	0
Slope:	0.1024

Error Coefficients

Relative Standard Deviation:	6.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	10.0	1.118467	50.0	665688.0	0.111847	Y
2	STD5 460-992189/4	50.0	5.284039	50.0	635688.0	0.105681	Y
3	STD20 460-992189/5	200.0	21.140767	50.0	640464.0	0.105704	Y
4	STD50 460-992189/6	500.0	50.070097	50.0	668358.0	0.10014	Y
5	STD200 460-992189/7	2000.0	196.551724	50.0	695536.0	0.098276	Y
6	STD500 460-992189/8	5000.0	464.745696	50.0	691612.0	0.092949	Y



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Calibration / Tetrahydrofuran

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

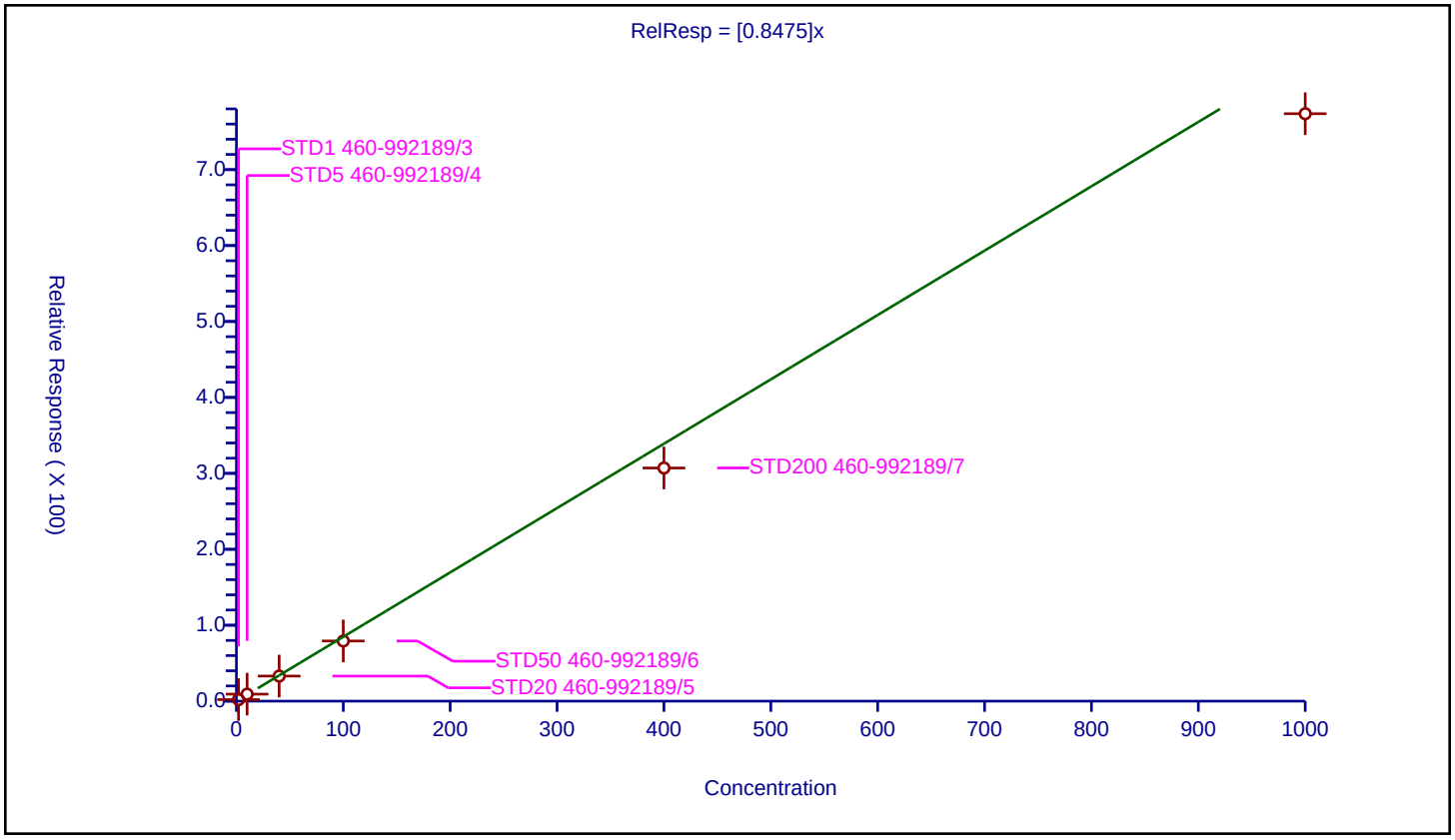
Curve Coefficients

Intercept:	0
Slope:	0.8475

Error Coefficients

Relative Standard Deviation:	11.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	2.0	2.008528	250.0	380378.0	1.004264	Y
2	STD5 460-992189/4	10.0	9.221882	250.0	395364.0	0.922188	Y
3	STD20 460-992189/5	40.0	33.011055	250.0	405705.0	0.825276	Y
4	STD50 460-992189/6	100.0	79.216461	250.0	403745.0	0.792165	Y
5	STD200 460-992189/7	400.0	307.066497	250.0	430949.0	0.767666	Y
6	STD500 460-992189/8	1000.0	773.642055	250.0	418629.0	0.773642	Y



Calibration / Chloroform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

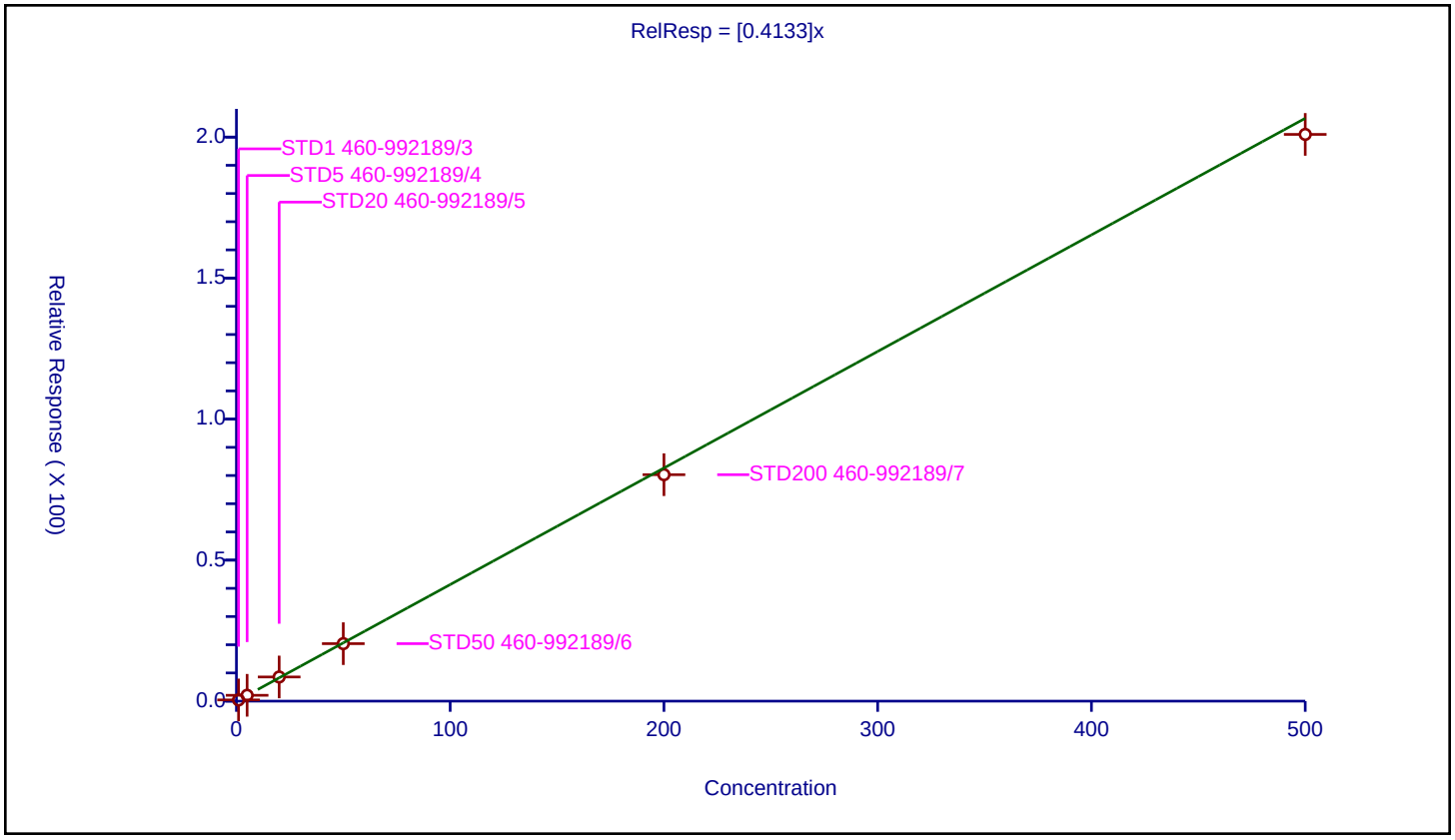
Curve Coefficients

Intercept:	0
Slope:	0.4133

Error Coefficients

Relative Standard Deviation:	2.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0	0.426251	50.0	665688.0	0.426251	Y
2	STD5 460-992189/4	5.0	2.071142	50.0	635688.0	0.414228	Y
3	STD20 460-992189/5	20.0	8.565665	50.0	640464.0	0.428283	Y
4	STD50 460-992189/6	50.0	20.386455	50.0	668358.0	0.407729	Y
5	STD200 460-992189/7	200.0	80.295053	50.0	695536.0	0.401475	Y
6	STD500 460-992189/8	500.0	200.952485	50.0	691612.0	0.401905	Y



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Calibration / Dibromofluoromethane (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

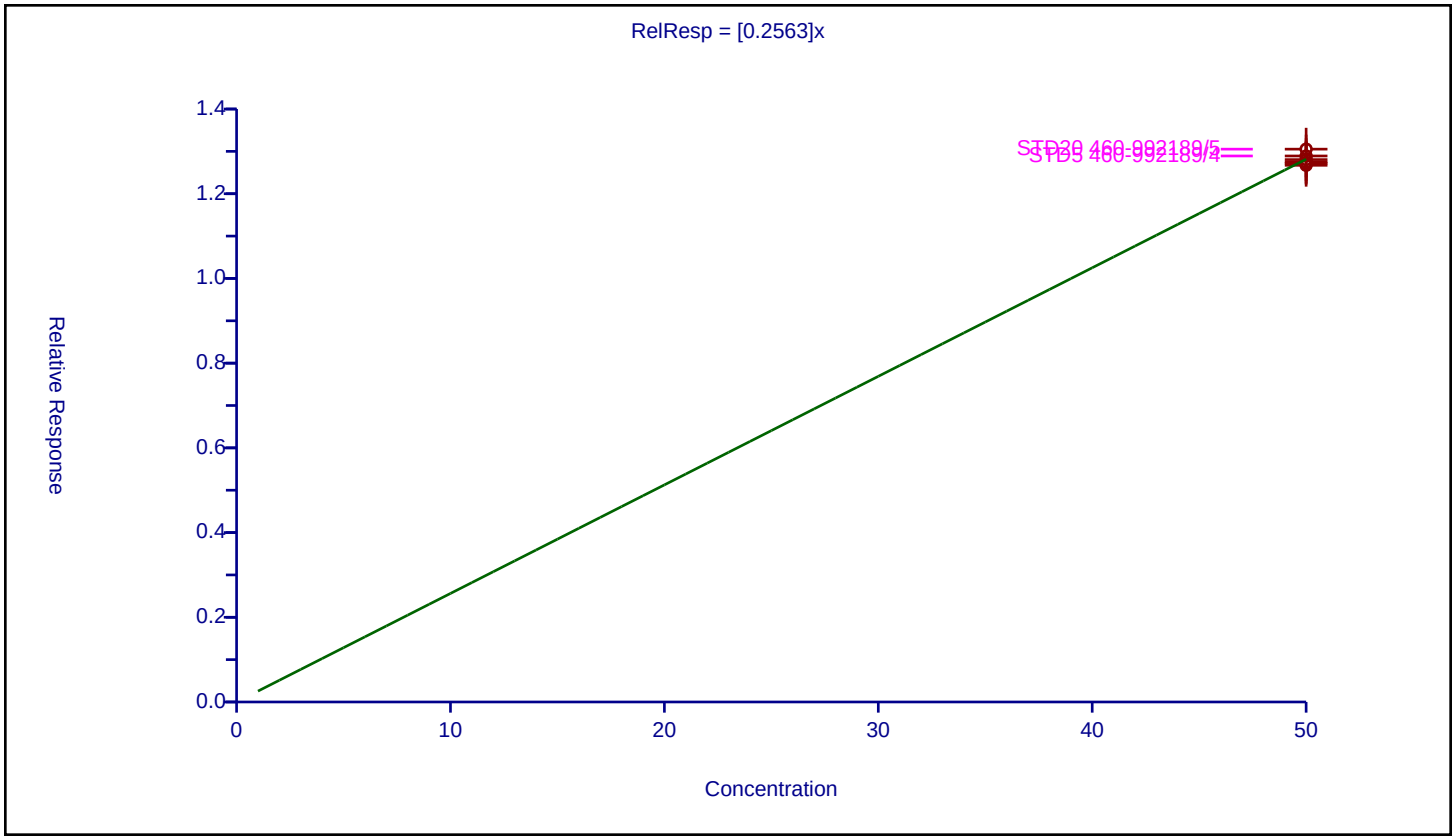
Curve Coefficients

Intercept:	0
Slope:	0.2563

Error Coefficients

Relative Standard Deviation:	1.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	50.0	12.719097	50.0	665688.0	0.254382	Y
2	STD5 460-992189/4	50.0	12.891466	50.0	635688.0	0.257829	Y
3	STD20 460-992189/5	50.0	13.052724	50.0	640464.0	0.261054	Y
4	STD50 460-992189/6	50.0	12.805637	50.0	668358.0	0.256113	Y
5	STD200 460-992189/7	50.0	12.745422	50.0	695536.0	0.254908	Y
6	STD500 460-992189/8	50.0	12.671122	50.0	691612.0	0.253422	Y



Calibration / 1,1,1-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

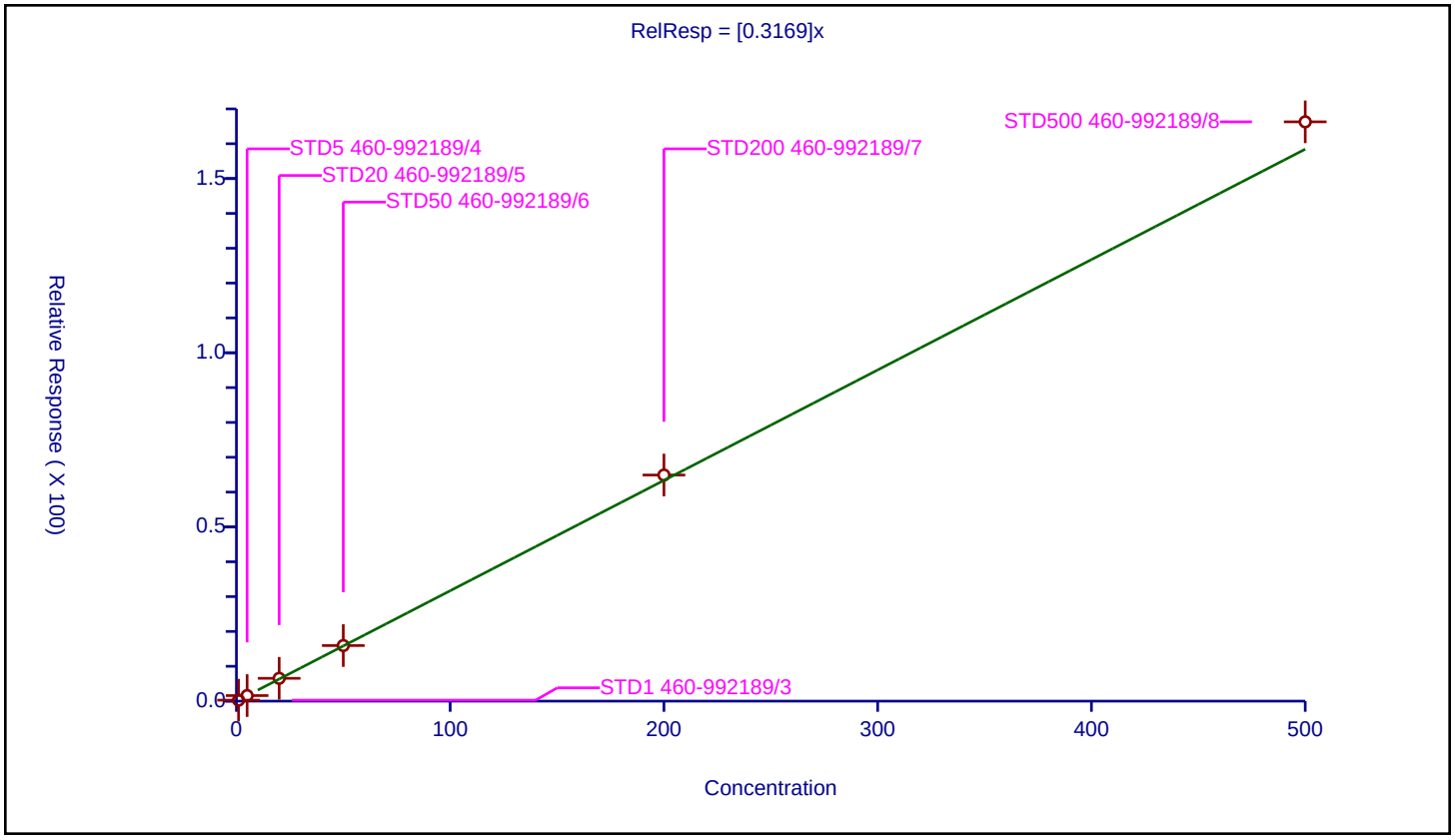
Curve Coefficients

Intercept:	0
Slope:	0.3169

Error Coefficients

Relative Standard Deviation:	6.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0	0.278809	50.0	665688.0	0.278809	Y
2	STD5 460-992189/4	5.0	1.593077	50.0	635688.0	0.318615	Y
3	STD20 460-992189/5	20.0	6.5515	50.0	640464.0	0.327575	Y
4	STD50 460-992189/6	50.0	15.955147	50.0	668358.0	0.319103	Y
5	STD200 460-992189/7	200.0	64.906633	50.0	695536.0	0.324533	Y
6	STD500 460-992189/8	500.0	166.281817	50.0	691612.0	0.332564	Y



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Calibration / Cyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

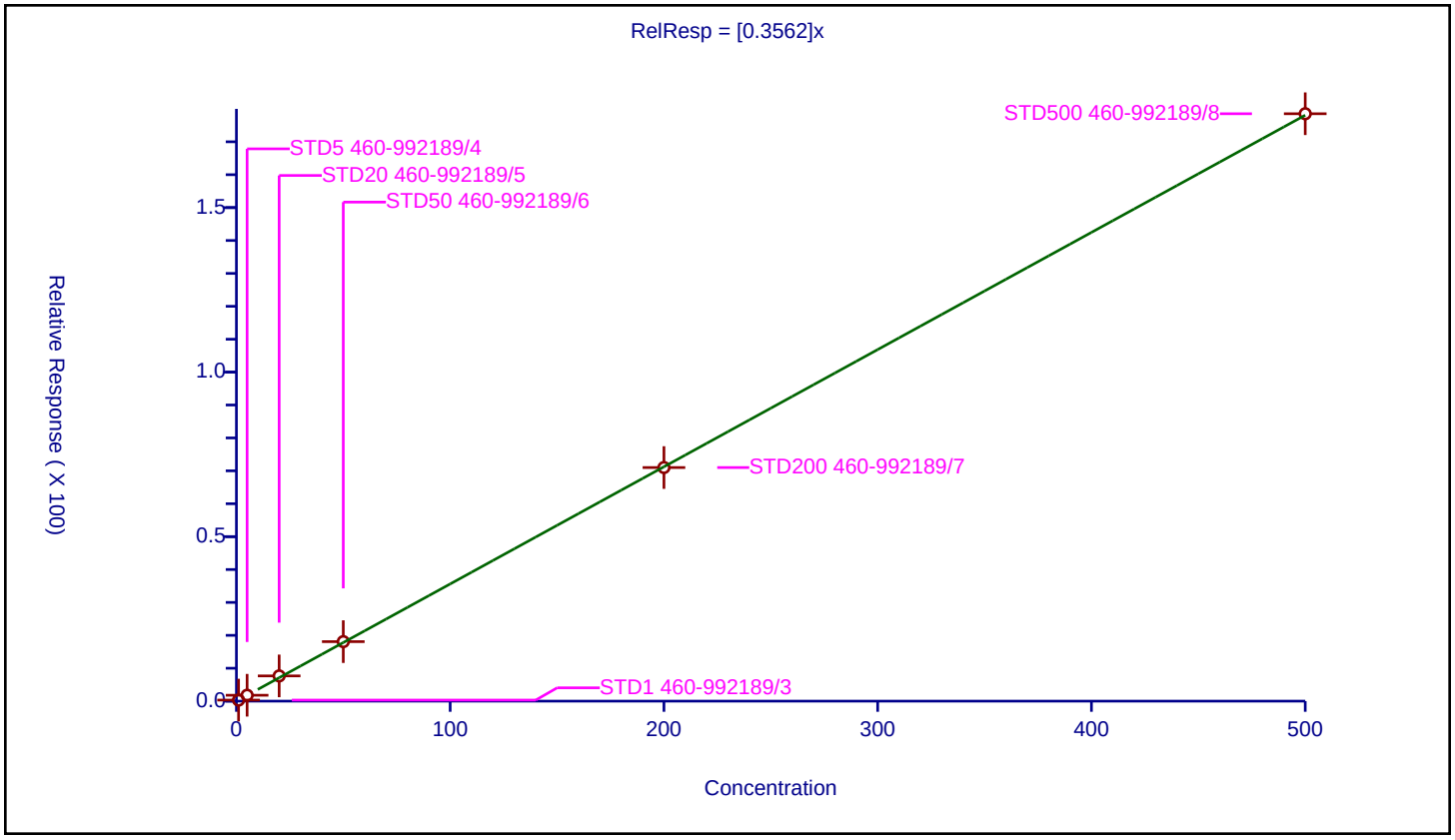
Curve Coefficients

Intercept:	0
Slope:	0.3562

Error Coefficients

Relative Standard Deviation:	5.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0	0.320571	50.0	665688.0	0.320571	Y
2	STD5 460-992189/4	5.0	1.796479	50.0	635688.0	0.359296	Y
3	STD20 460-992189/5	20.0	7.667488	50.0	640464.0	0.383374	Y
4	STD50 460-992189/6	50.0	18.085592	50.0	668358.0	0.361712	Y
5	STD200 460-992189/7	200.0	70.995103	50.0	695536.0	0.354976	Y
6	STD500 460-992189/8	500.0	178.523146	50.0	691612.0	0.357046	Y



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Calibration / 1,1-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

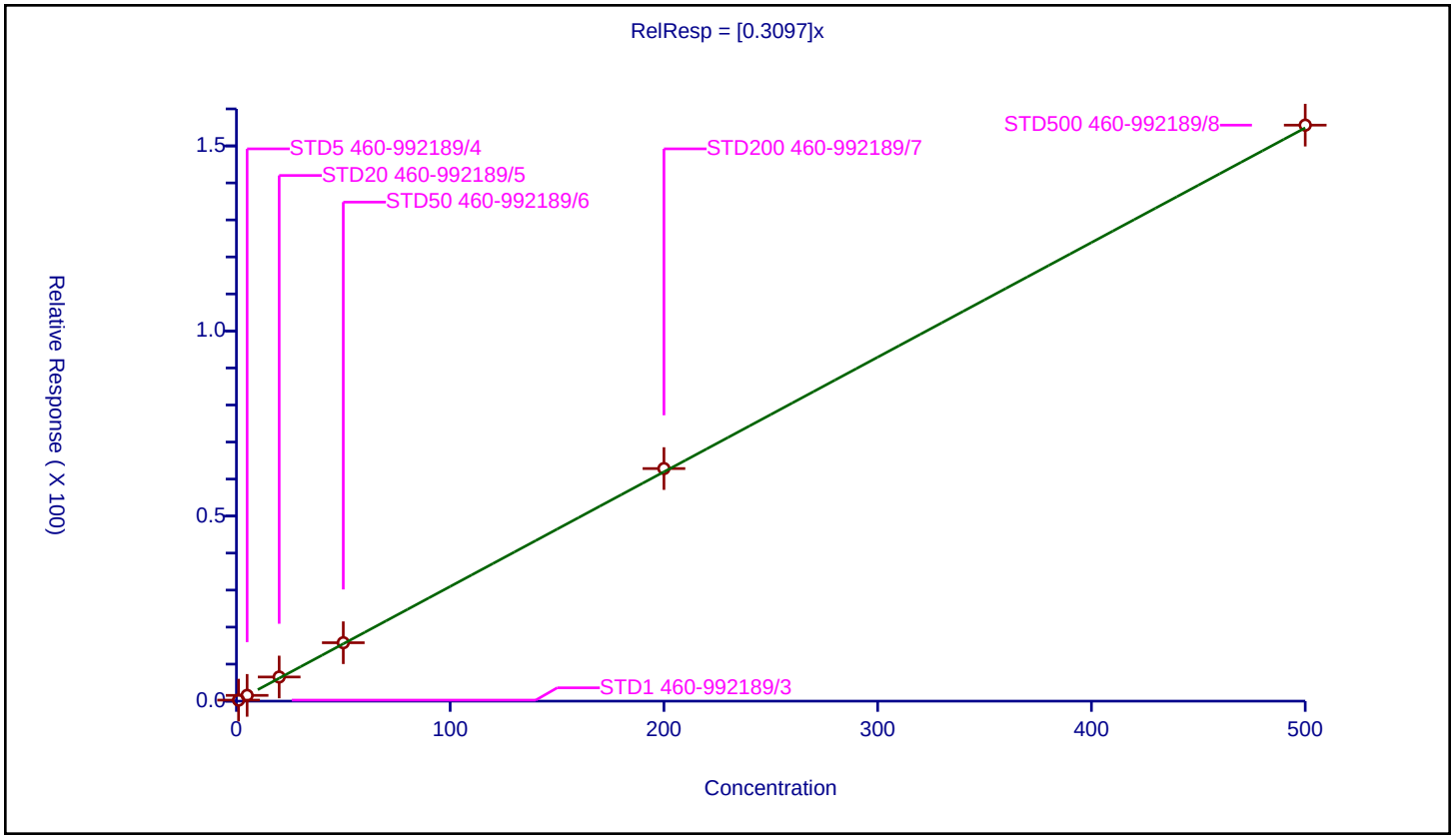
Curve Coefficients

Intercept:	0
Slope:	0.3097

Error Coefficients

Relative Standard Deviation:	5.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0	0.280161	50.0	665688.0	0.280161	Y
2	STD5 460-992189/4	5.0	1.556503	50.0	635688.0	0.311301	Y
3	STD20 460-992189/5	20.0	6.519024	50.0	640464.0	0.325951	Y
4	STD50 460-992189/6	50.0	15.783009	50.0	668358.0	0.31566	Y
5	STD200 460-992189/7	200.0	62.832909	50.0	695536.0	0.314165	Y
6	STD500 460-992189/8	500.0	155.608708	50.0	691612.0	0.311217	Y



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Calibration / Carbon tetrachloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

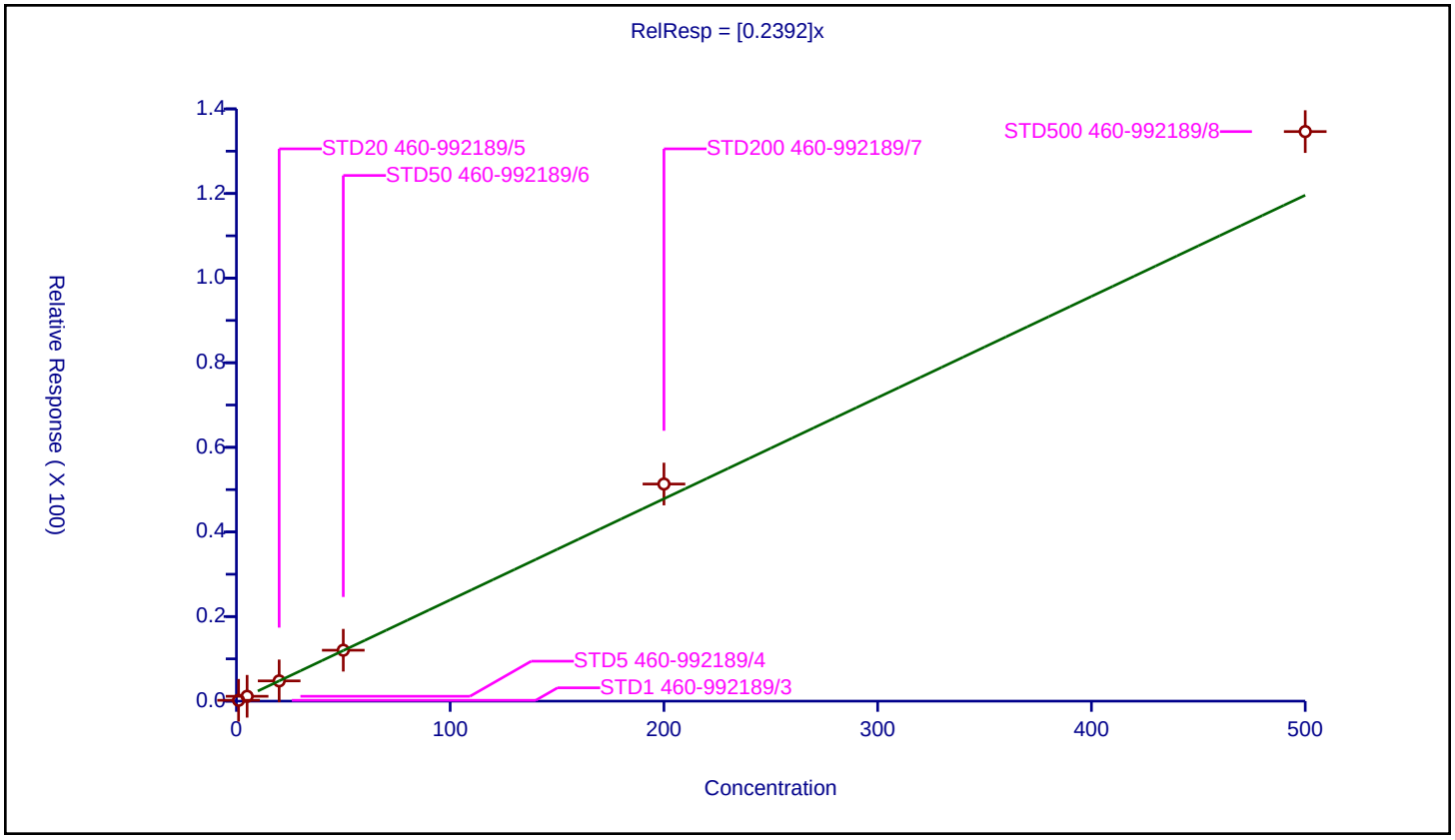
Curve Coefficients

Intercept:	0
Slope:	0.2392

Error Coefficients

Relative Standard Deviation:	10.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0	0.199643	50.0	665688.0	0.199643	Y
2	STD5 460-992189/4	5.0	1.147497	50.0	635688.0	0.229499	Y
3	STD20 460-992189/5	20.0	4.787779	50.0	640464.0	0.239389	Y
4	STD50 460-992189/6	50.0	12.034419	50.0	668358.0	0.240688	Y
5	STD200 460-992189/7	200.0	51.323152	50.0	695536.0	0.256616	Y
6	STD500 460-992189/8	500.0	134.632713	50.0	691612.0	0.269265	Y



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Calibration / 1,2-Dichloroethane-d4 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

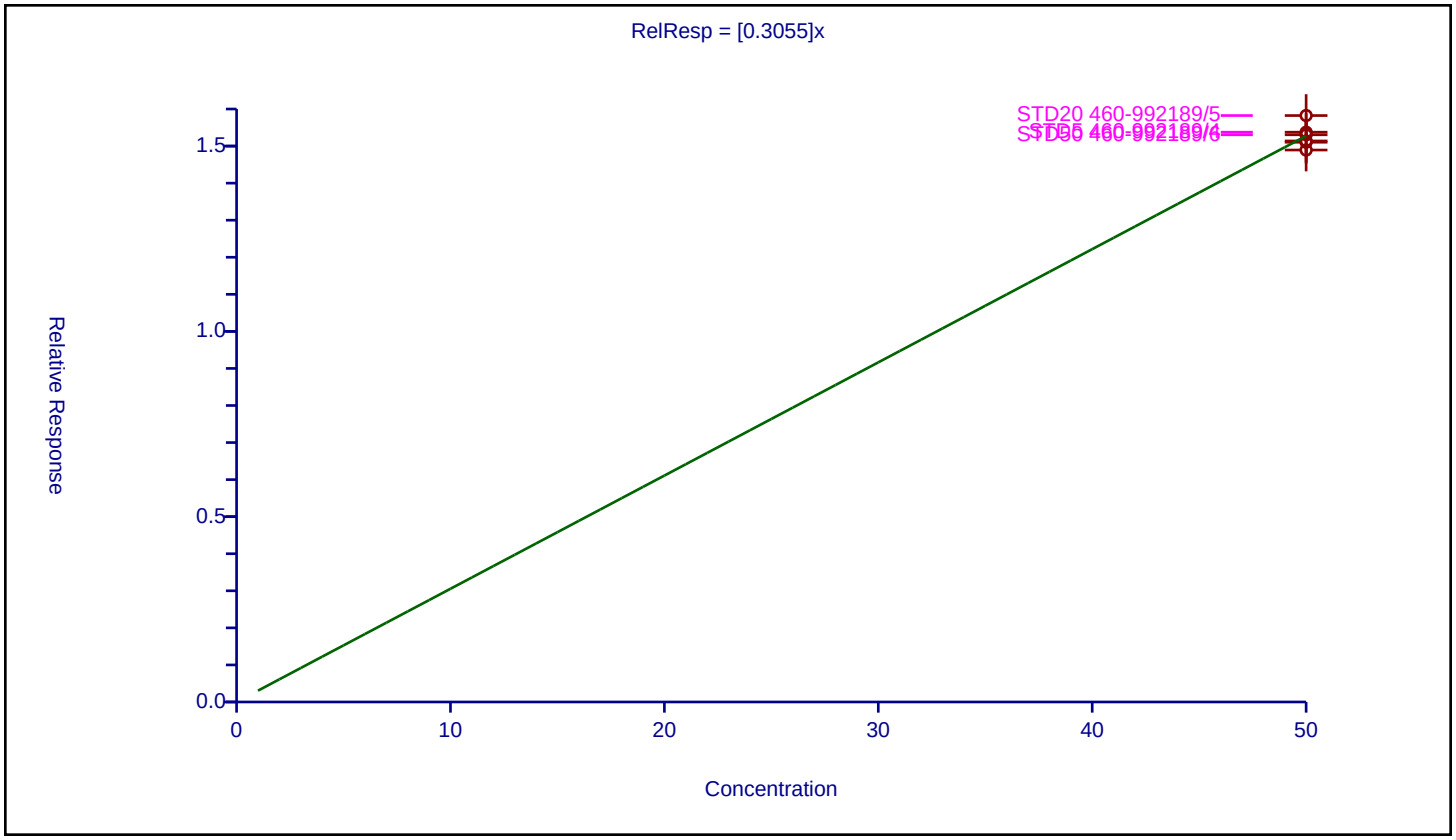
Curve Coefficients

Intercept:	0
Slope:	0.3055

Error Coefficients

Relative Standard Deviation:	2.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	50.0	14.893539	50.0	665688.0	0.297871	Y
2	STD5 460-992189/4	50.0	15.374602	50.0	635688.0	0.307492	Y
3	STD20 460-992189/5	50.0	15.823918	50.0	640464.0	0.316478	Y
4	STD50 460-992189/6	50.0	15.304971	50.0	668358.0	0.306099	Y
5	STD200 460-992189/7	50.0	15.103532	50.0	695536.0	0.302071	Y
6	STD500 460-992189/8	50.0	15.138184	50.0	691612.0	0.302764	Y



Calibration / Benzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

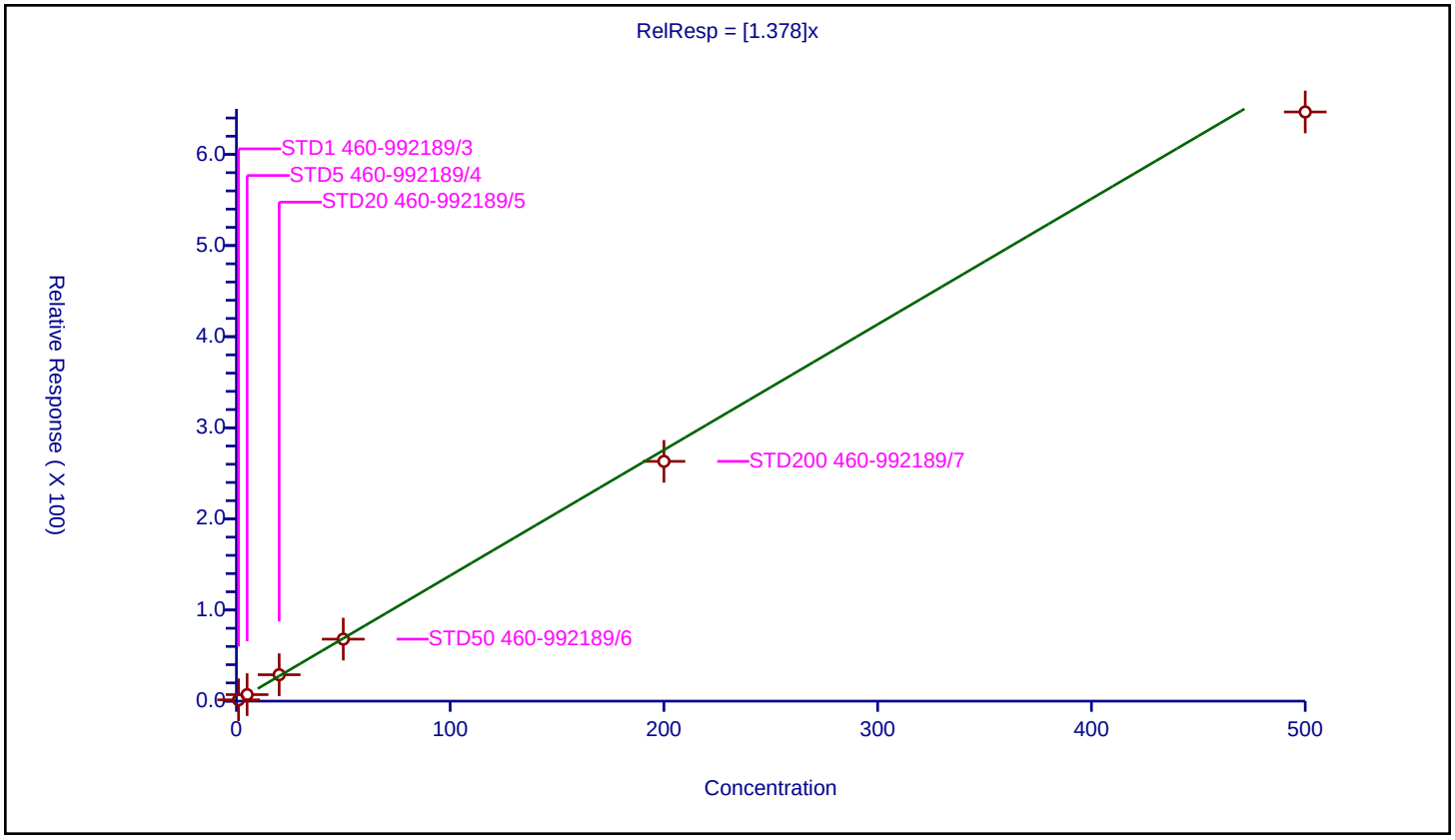
Curve Coefficients

Intercept:	0
Slope:	1.378

Error Coefficients

Relative Standard Deviation:	4.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0	1.421342	50.0	425056.0	1.421342	Y
2	STD5 460-992189/4	5.0	7.145346	50.0	413276.0	1.429069	Y
3	STD20 460-992189/5	20.0	28.996324	50.0	422457.0	1.449816	Y
4	STD50 460-992189/6	50.0	68.039726	50.0	453452.0	1.360795	Y
5	STD200 460-992189/7	200.0	263.144532	50.0	480930.0	1.315723	Y
6	STD500 460-992189/8	500.0	646.633108	50.0	484631.0	1.293266	Y



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Calibration / Isobutyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

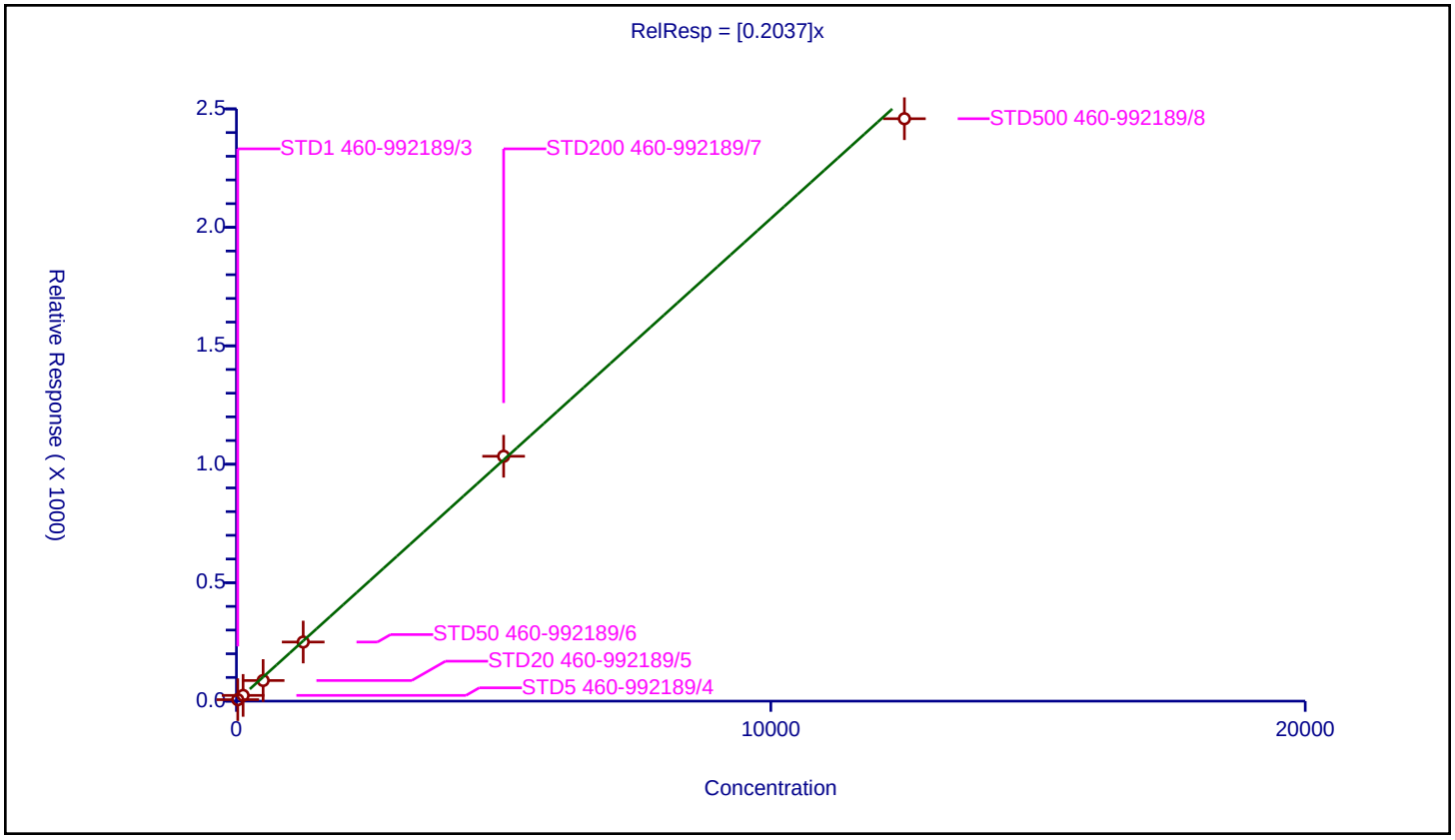
Curve Coefficients

Intercept:	0
Slope:	0.2037

Error Coefficients

Relative Standard Deviation:	12.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	25.0	6.289275	1000.0	381443.0	0.251571	Y
2	STD5 460-992189/4	125.0	24.173734	1000.0	414334.0	0.19339	Y
3	STD20 460-992189/5	500.0	87.091517	1000.0	419662.0	0.174183	Y
4	STD50 460-992189/6	1250.0	249.538343	1000.0	414269.0	0.199631	Y
5	STD200 460-992189/7	5000.0	1033.686935	1000.0	458991.0	0.206737	Y
6	STD500 460-992189/8	12500.0	2458.502731	1000.0	454307.0	0.19668	Y



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Calibration / 1,2-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

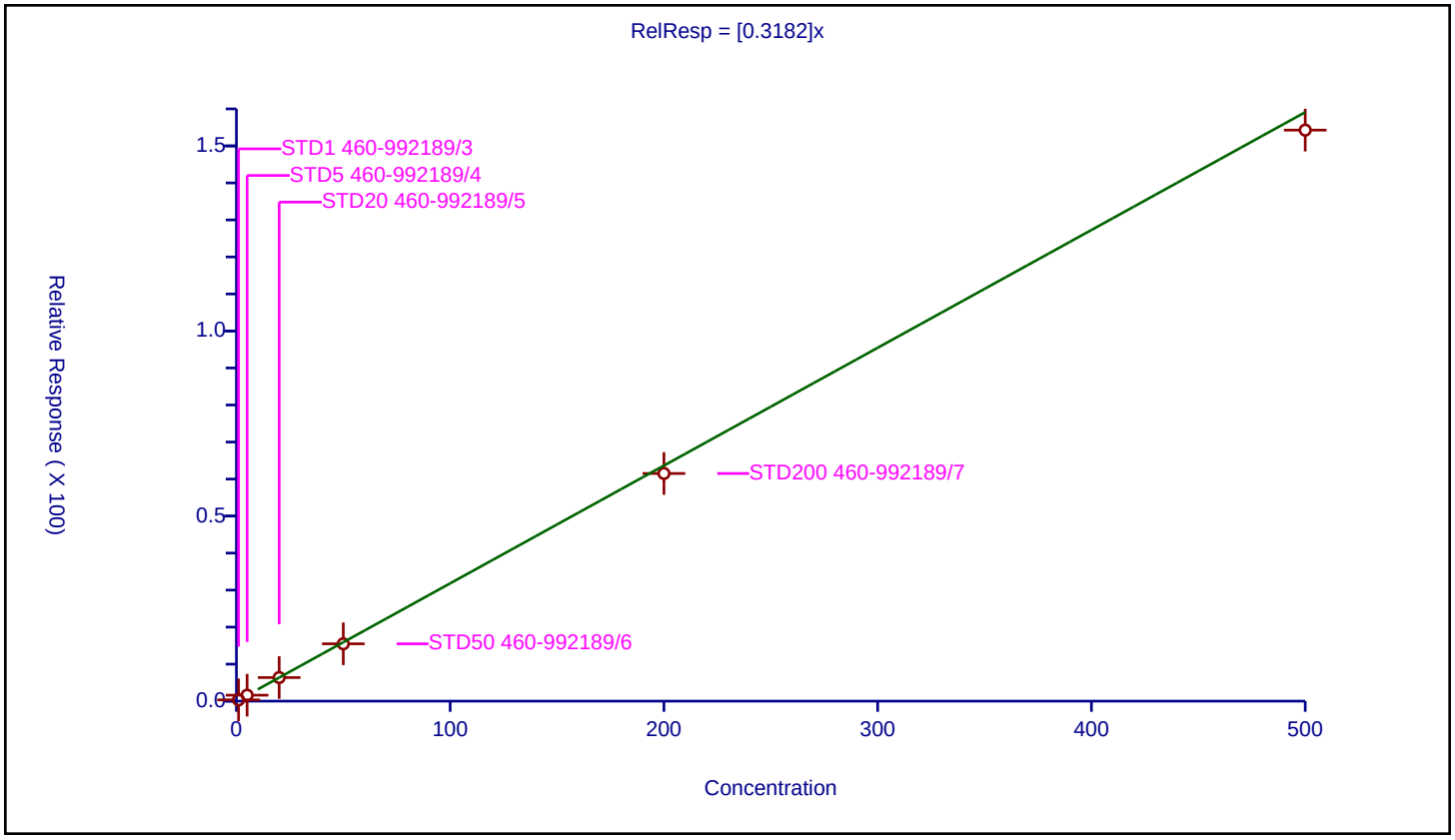
Curve Coefficients

Intercept:	0
Slope:	0.3182

Error Coefficients

Relative Standard Deviation:	4.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0	0.342953	50.0	665688.0	0.342953	Y
2	STD5 460-992189/4	5.0	1.608729	50.0	635688.0	0.321746	Y
3	STD20 460-992189/5	20.0	6.373582	50.0	640464.0	0.318679	Y
4	STD50 460-992189/6	50.0	15.489603	50.0	668358.0	0.309792	Y
5	STD200 460-992189/7	200.0	61.503143	50.0	695536.0	0.307516	Y
6	STD500 460-992189/8	500.0	154.267639	50.0	691612.0	0.308535	Y



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Calibration / Isooctane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

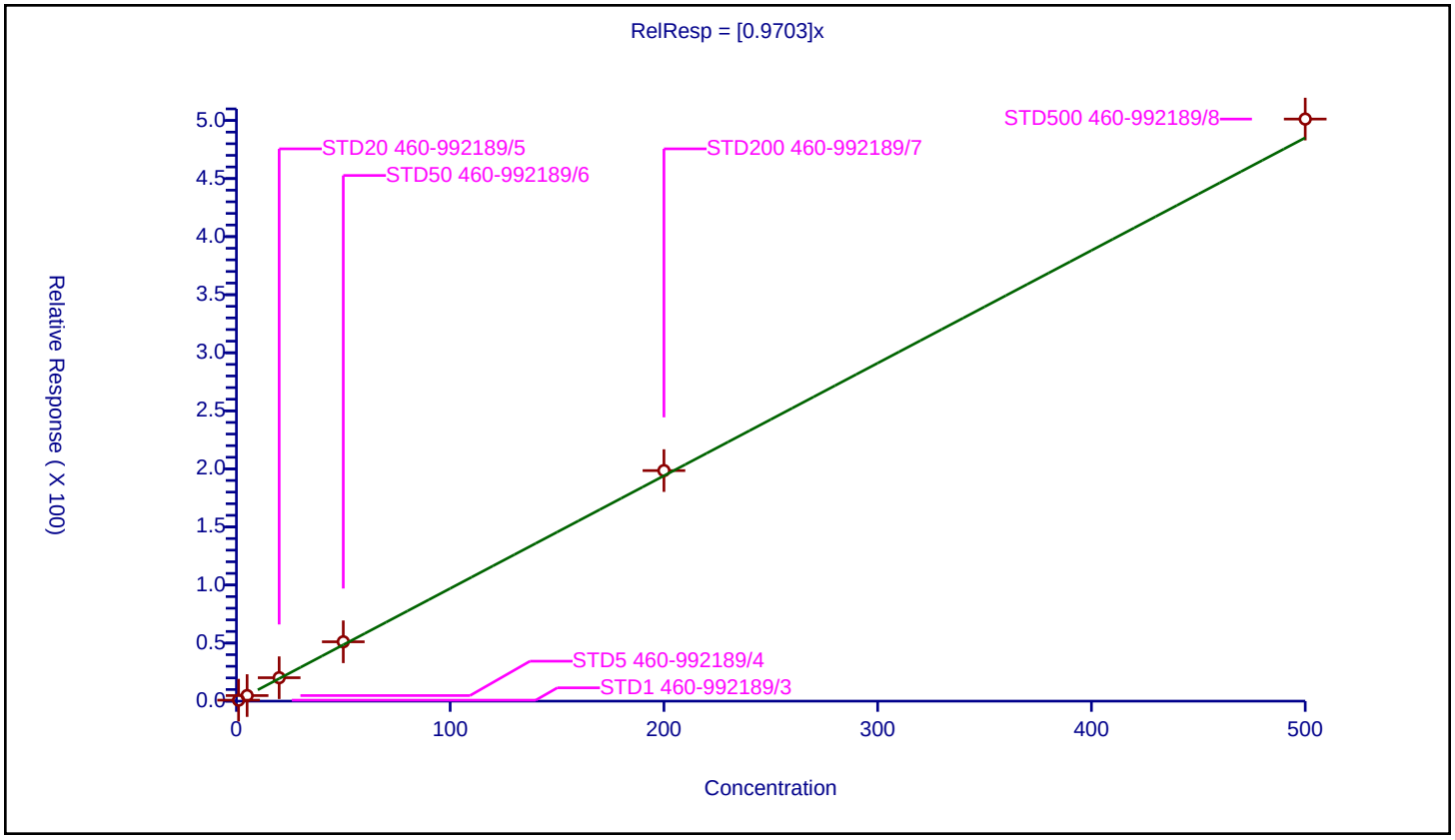
Curve Coefficients

Intercept:	0
Slope:	0.9703

Error Coefficients

Relative Standard Deviation:	7.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0	0.833949	50.0	665688.0	0.833949	Y
2	STD5 460-992189/4	5.0	4.808019	50.0	635688.0	0.961604	Y
3	STD20 460-992189/5	20.0	20.173343	50.0	640464.0	1.008667	Y
4	STD50 460-992189/6	50.0	51.116243	50.0	668358.0	1.022325	Y
5	STD200 460-992189/7	200.0	198.532139	50.0	695536.0	0.992661	Y
6	STD500 460-992189/8	500.0	501.228362	50.0	691612.0	1.002457	Y



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Calibration / Isopropyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

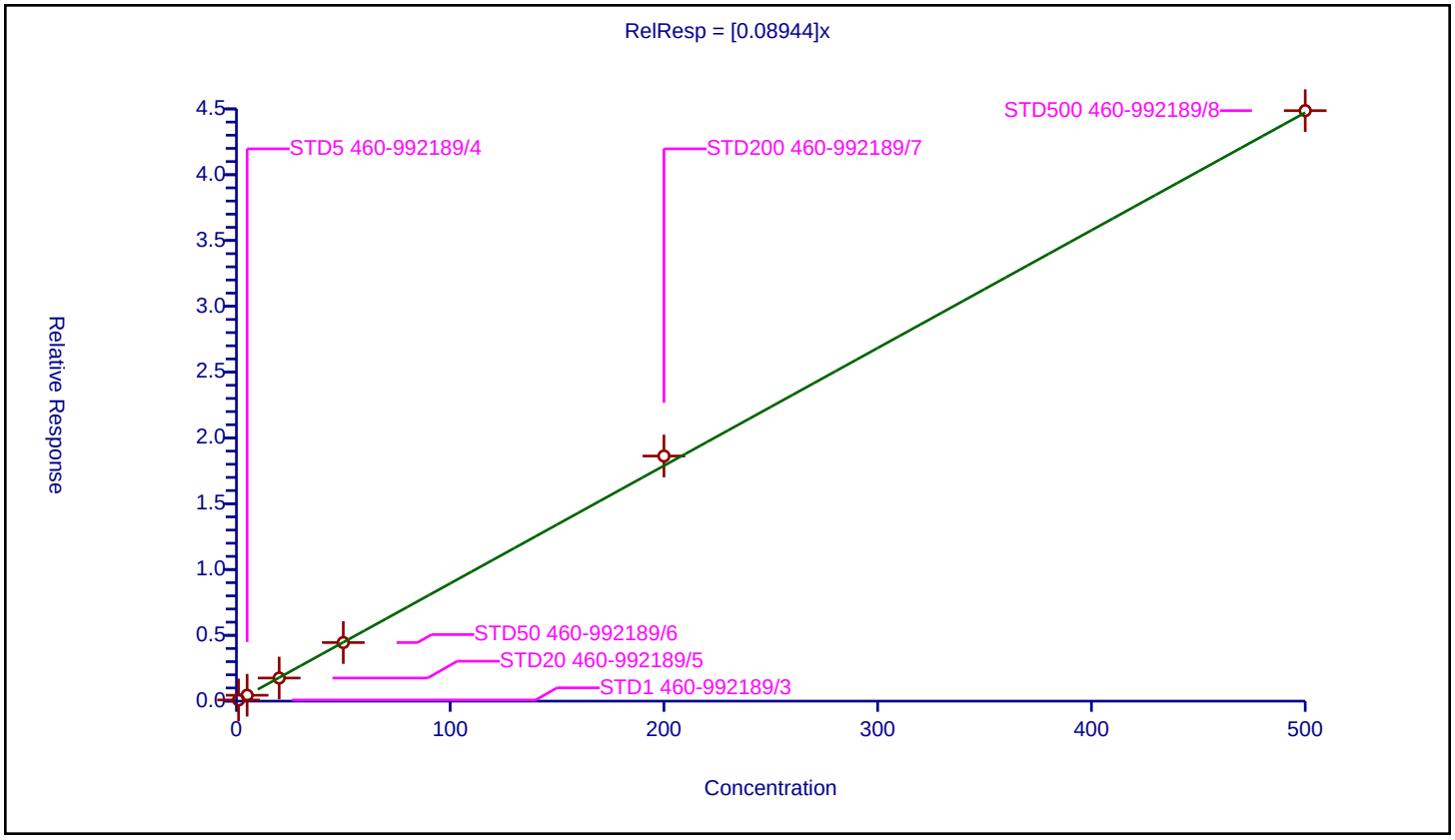
Curve Coefficients

Intercept:	0
Slope:	0.08944

Error Coefficients

Relative Standard Deviation:	2.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0	0.087353	50.0	665688.0	0.087353	Y
2	STD5 460-992189/4	5.0	0.448176	50.0	635688.0	0.089635	Y
3	STD20 460-992189/5	20.0	1.754978	50.0	640464.0	0.087749	Y
4	STD50 460-992189/6	50.0	4.451656	50.0	668358.0	0.089033	Y
5	STD200 460-992189/7	200.0	18.625851	50.0	695536.0	0.093129	Y
6	STD500 460-992189/8	500.0	44.867064	50.0	691612.0	0.089734	Y



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Calibration / Tert-amyl methyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

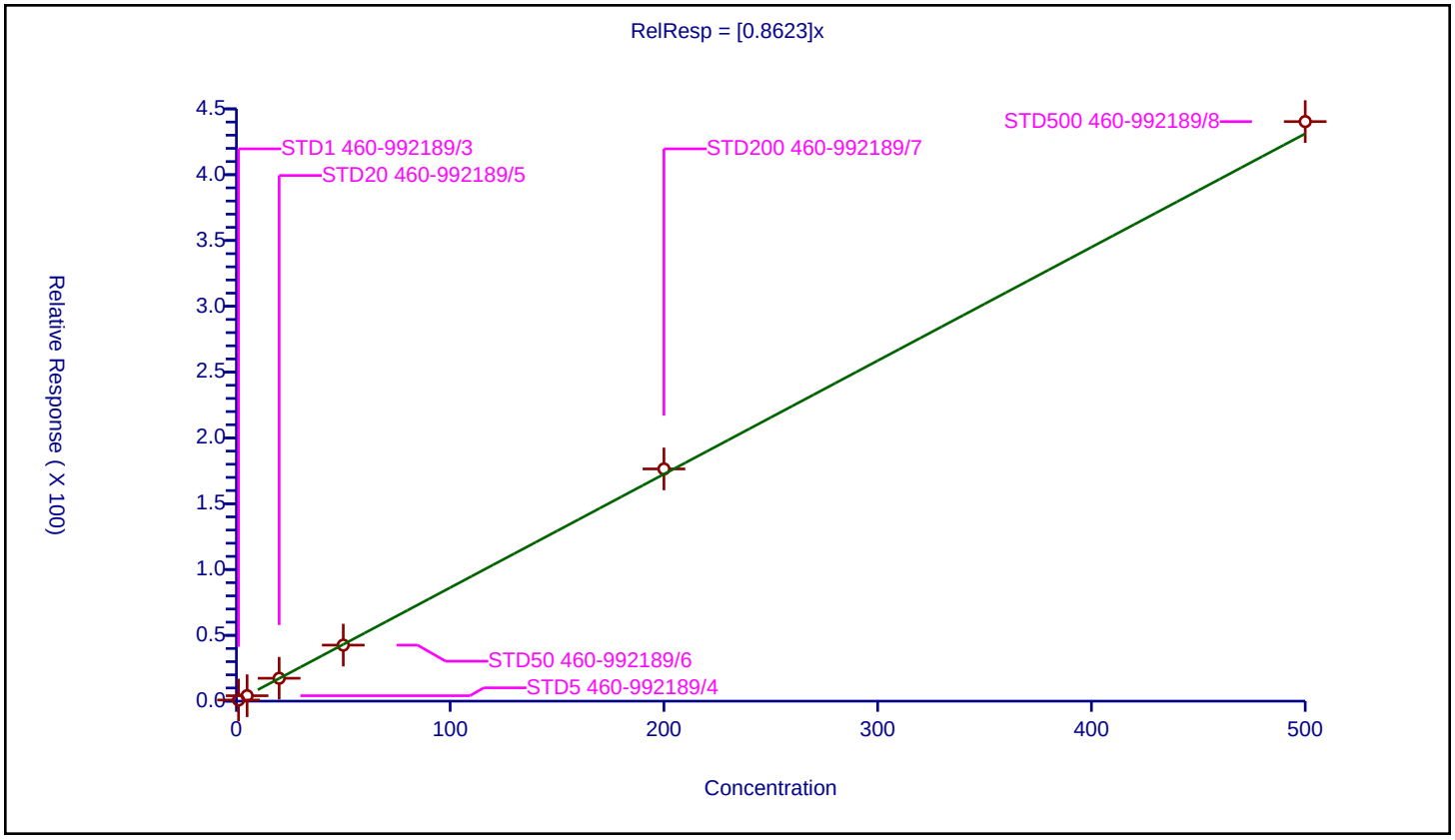
Curve Coefficients

Intercept:	0
Slope:	0.8623

Error Coefficients

Relative Standard Deviation:	2.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0	0.864895	50.0	665688.0	0.864895	Y
2	STD5 460-992189/4	5.0	4.126789	50.0	635688.0	0.825358	Y
3	STD20 460-992189/5	20.0	17.387863	50.0	640464.0	0.869393	Y
4	STD50 460-992189/6	50.0	42.569626	50.0	668358.0	0.851393	Y
5	STD200 460-992189/7	200.0	176.431198	50.0	695536.0	0.882156	Y
6	STD500 460-992189/8	500.0	440.347044	50.0	691612.0	0.880694	Y



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Calibration / n-Heptane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

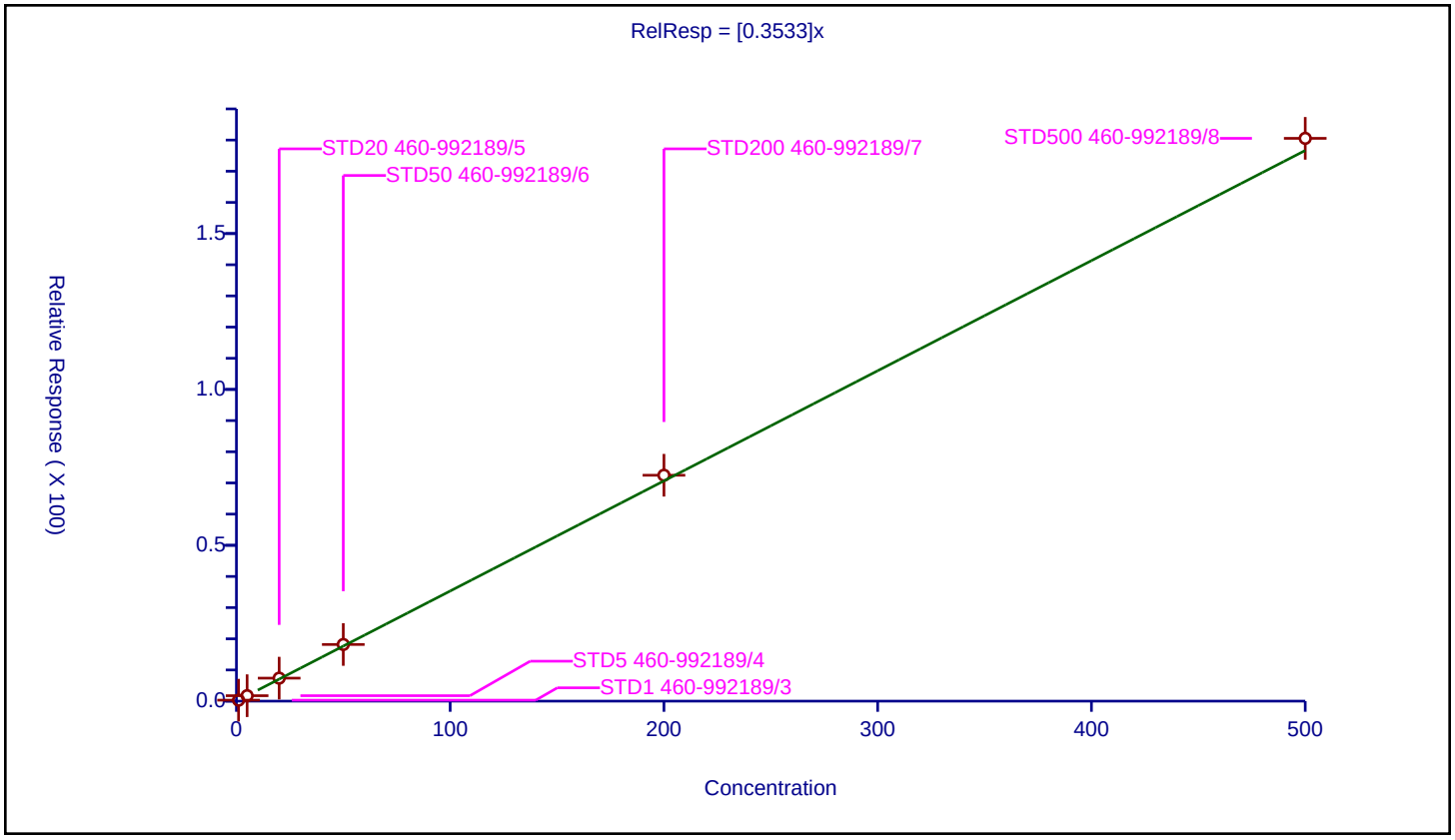
Curve Coefficients

Intercept:	0
Slope:	0.3533

Error Coefficients

Relative Standard Deviation:	5.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0	0.314862	50.0	665688.0	0.314862	Y
2	STD5 460-992189/4	5.0	1.744488	50.0	635688.0	0.348898	Y
3	STD20 460-992189/5	20.0	7.381289	50.0	640464.0	0.369064	Y
4	STD50 460-992189/6	50.0	18.178132	50.0	668358.0	0.363563	Y
5	STD200 460-992189/7	200.0	72.472812	50.0	695536.0	0.362364	Y
6	STD500 460-992189/8	500.0	180.548414	50.0	691612.0	0.361097	Y



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Calibration / Trichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

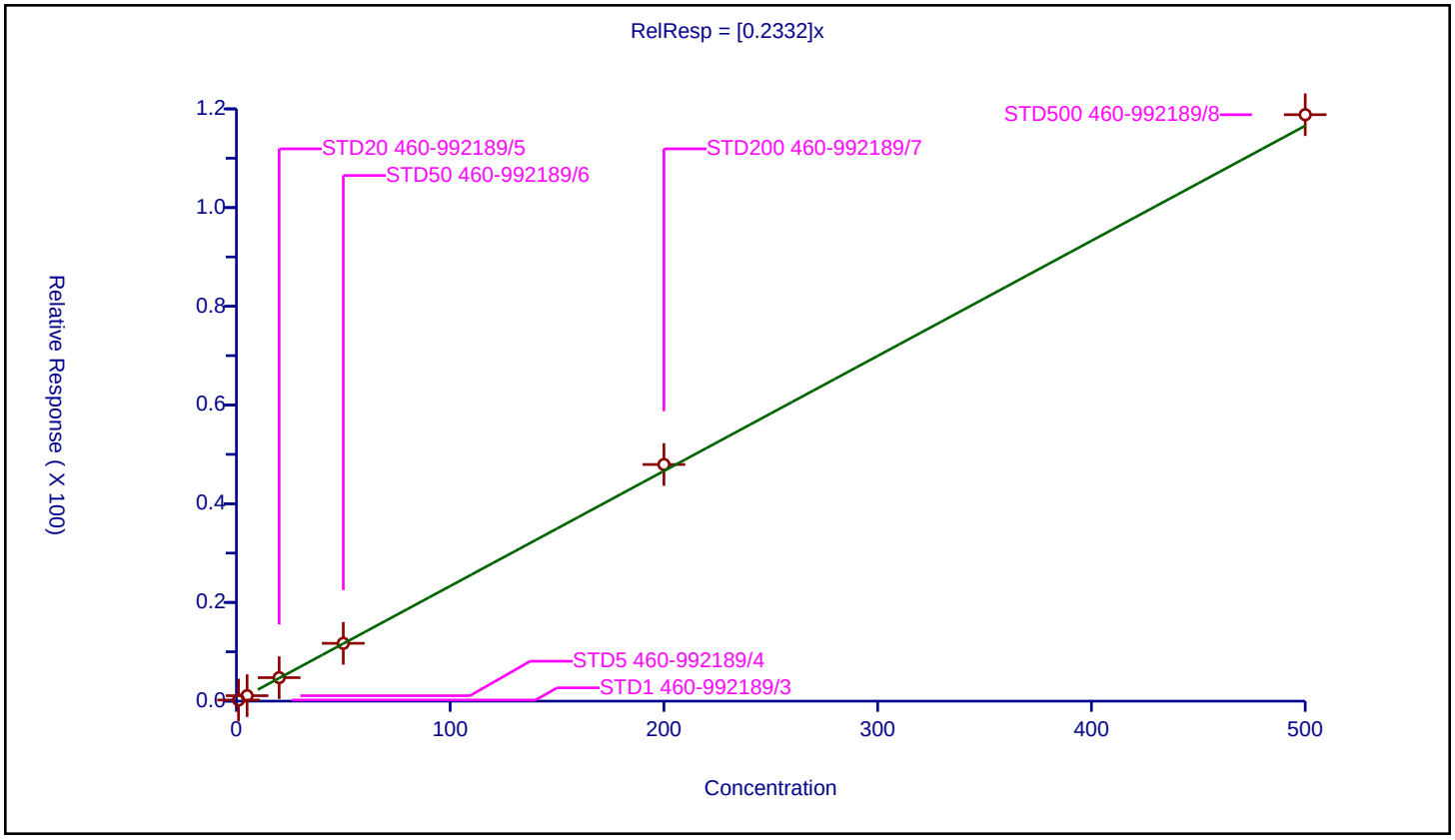
Curve Coefficients

Intercept:	0
Slope:	0.2332

Error Coefficients

Relative Standard Deviation:	3.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0	0.22811	50.0	665688.0	0.22811	Y
2	STD5 460-992189/4	5.0	1.106046	50.0	635688.0	0.221209	Y
3	STD20 460-992189/5	20.0	4.760377	50.0	640464.0	0.238019	Y
4	STD50 460-992189/6	50.0	11.71064	50.0	668358.0	0.234213	Y
5	STD200 460-992189/7	200.0	47.95158	50.0	695536.0	0.239758	Y
6	STD500 460-992189/8	500.0	118.825873	50.0	691612.0	0.237652	Y



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Calibration / n-Butanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

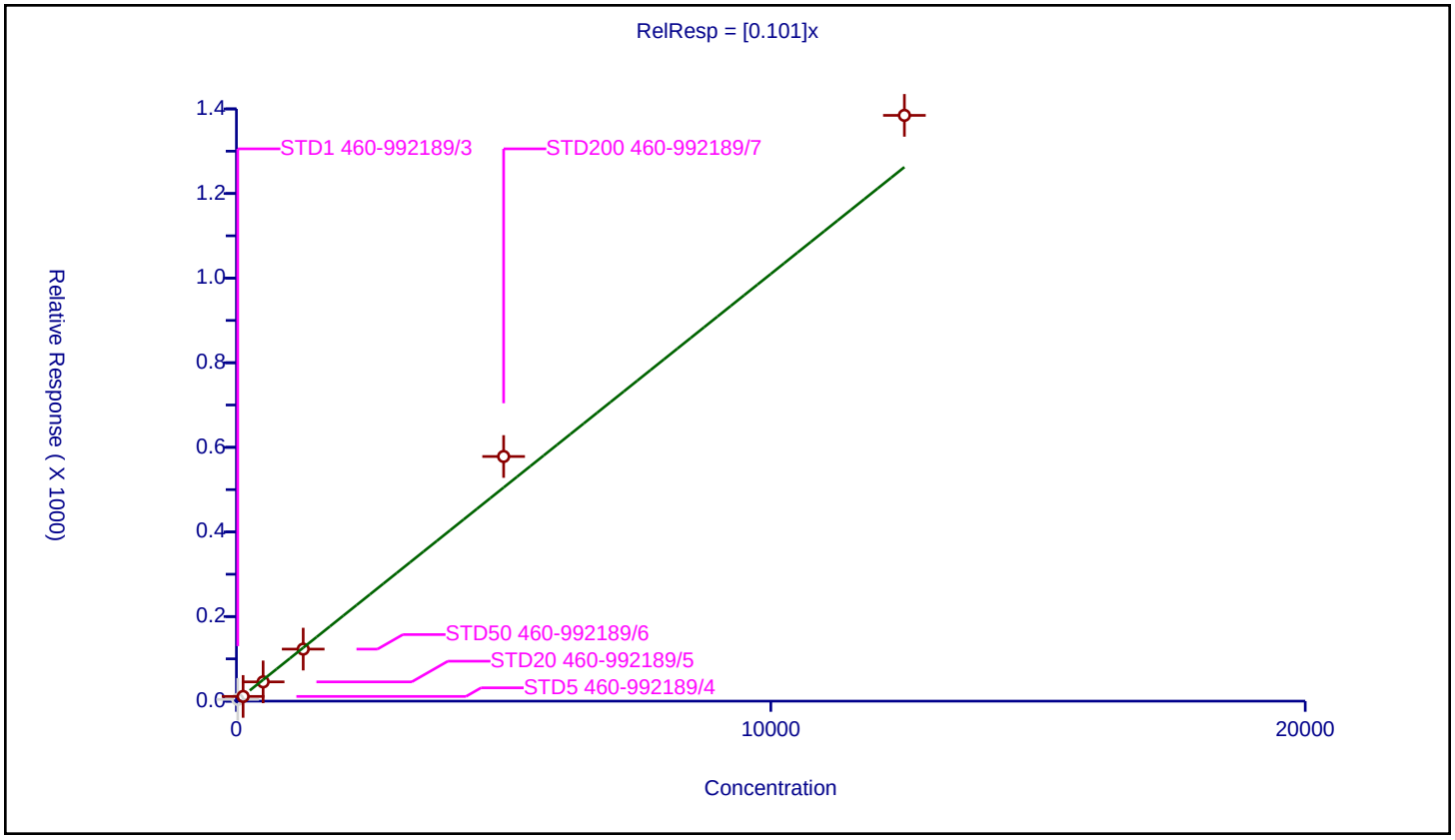
Curve Coefficients

Intercept:	0
Slope:	0.101

Error Coefficients

Relative Standard Deviation:	11.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	25.0	4.094976	1000.0	381443.0	0.163799	N
2	STD5 460-992189/4	125.0	11.138357	1000.0	414334.0	0.089107	Y
3	STD20 460-992189/5	500.0	45.519966	1000.0	419662.0	0.09104	Y
4	STD50 460-992189/6	1250.0	122.978065	1000.0	414269.0	0.098382	Y
5	STD200 460-992189/7	5000.0	578.303278	1000.0	458991.0	0.115661	Y
6	STD500 460-992189/8	12500.0	1384.695811	1000.0	454307.0	0.110776	Y



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Calibration / Ethyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

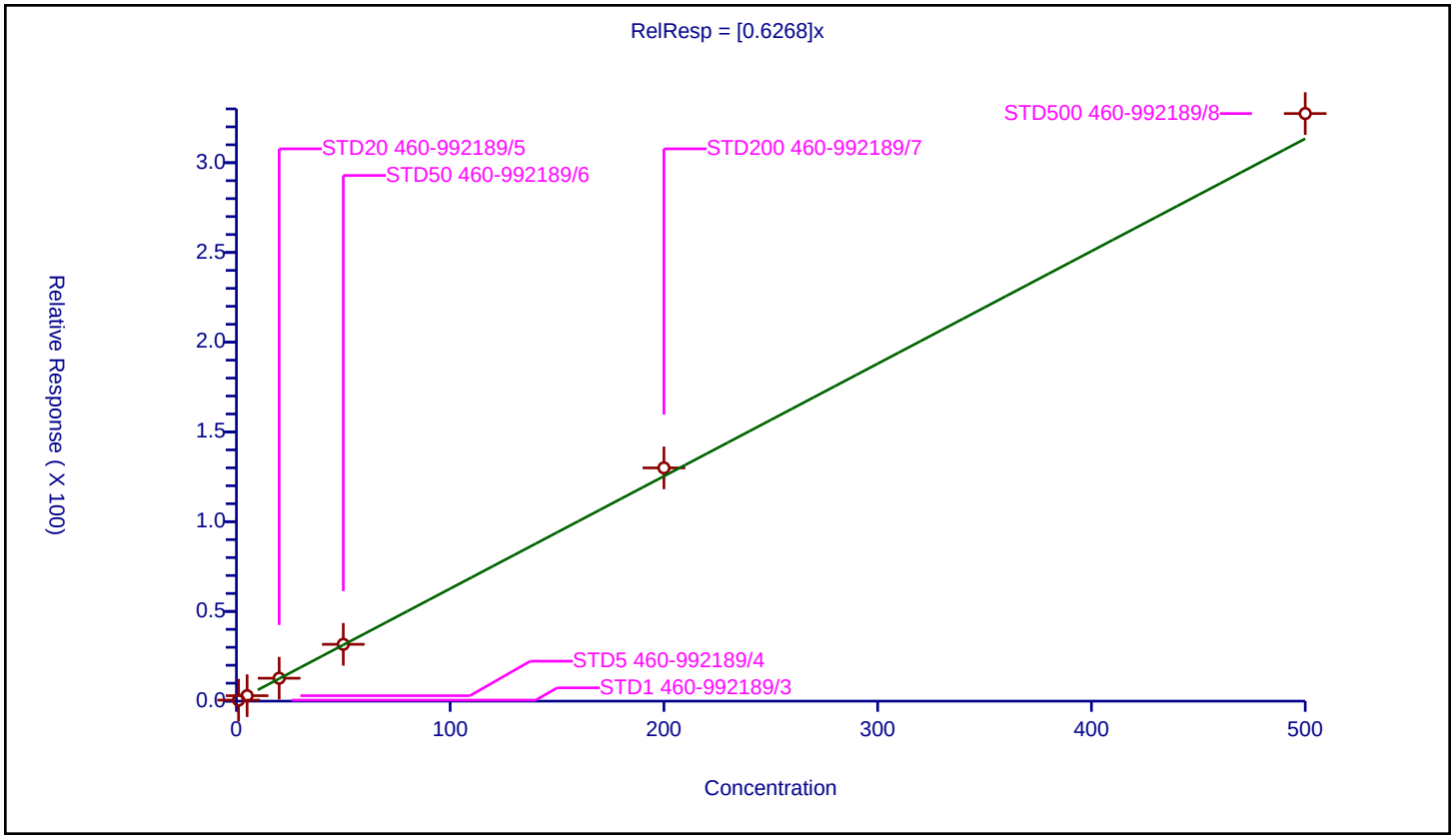
Curve Coefficients

Intercept:	0
Slope:	0.6268

Error Coefficients

Relative Standard Deviation:	4.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0	0.577523	50.0	665688.0	0.577523	Y
2	STD5 460-992189/4	5.0	3.033485	50.0	635688.0	0.606697	Y
3	STD20 460-992189/5	20.0	12.772303	50.0	640464.0	0.638615	Y
4	STD50 460-992189/6	50.0	31.659605	50.0	668358.0	0.633192	Y
5	STD200 460-992189/7	200.0	129.965739	50.0	695536.0	0.649829	Y
6	STD500 460-992189/8	500.0	327.398888	50.0	691612.0	0.654798	Y



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Calibration / Methylcyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

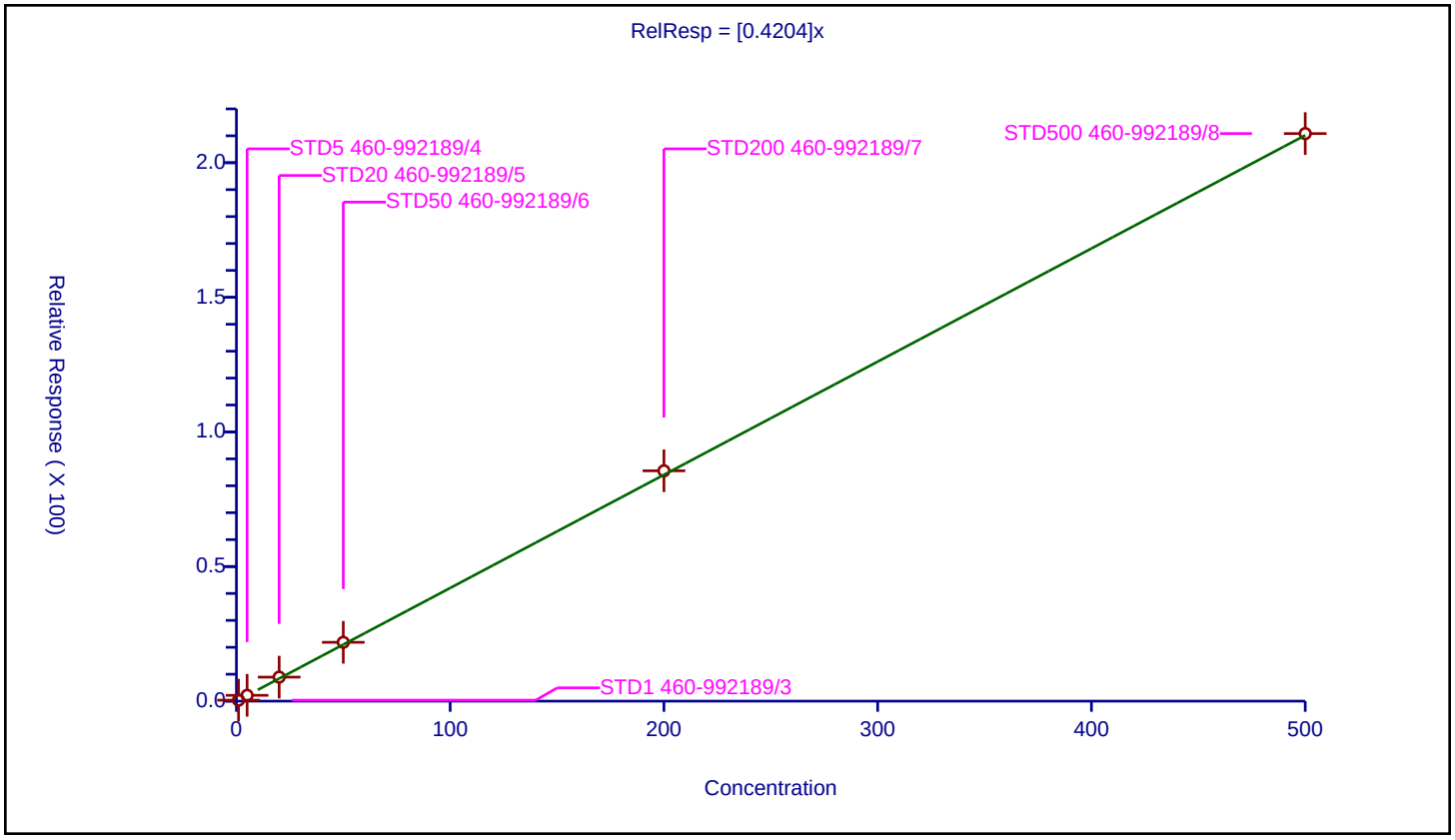
Curve Coefficients

Intercept:	0
Slope:	0.4204

Error Coefficients

Relative Standard Deviation:	7.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0	0.358201	50.0	665688.0	0.358201	Y
2	STD5 460-992189/4	5.0	2.157662	50.0	635688.0	0.431532	Y
3	STD20 460-992189/5	20.0	8.919939	50.0	640464.0	0.445997	Y
4	STD50 460-992189/6	50.0	21.850715	50.0	668358.0	0.437014	Y
5	STD200 460-992189/7	200.0	85.563148	50.0	695536.0	0.427816	Y
6	STD500 460-992189/8	500.0	210.824711	50.0	691612.0	0.421649	Y



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Calibration / 1,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

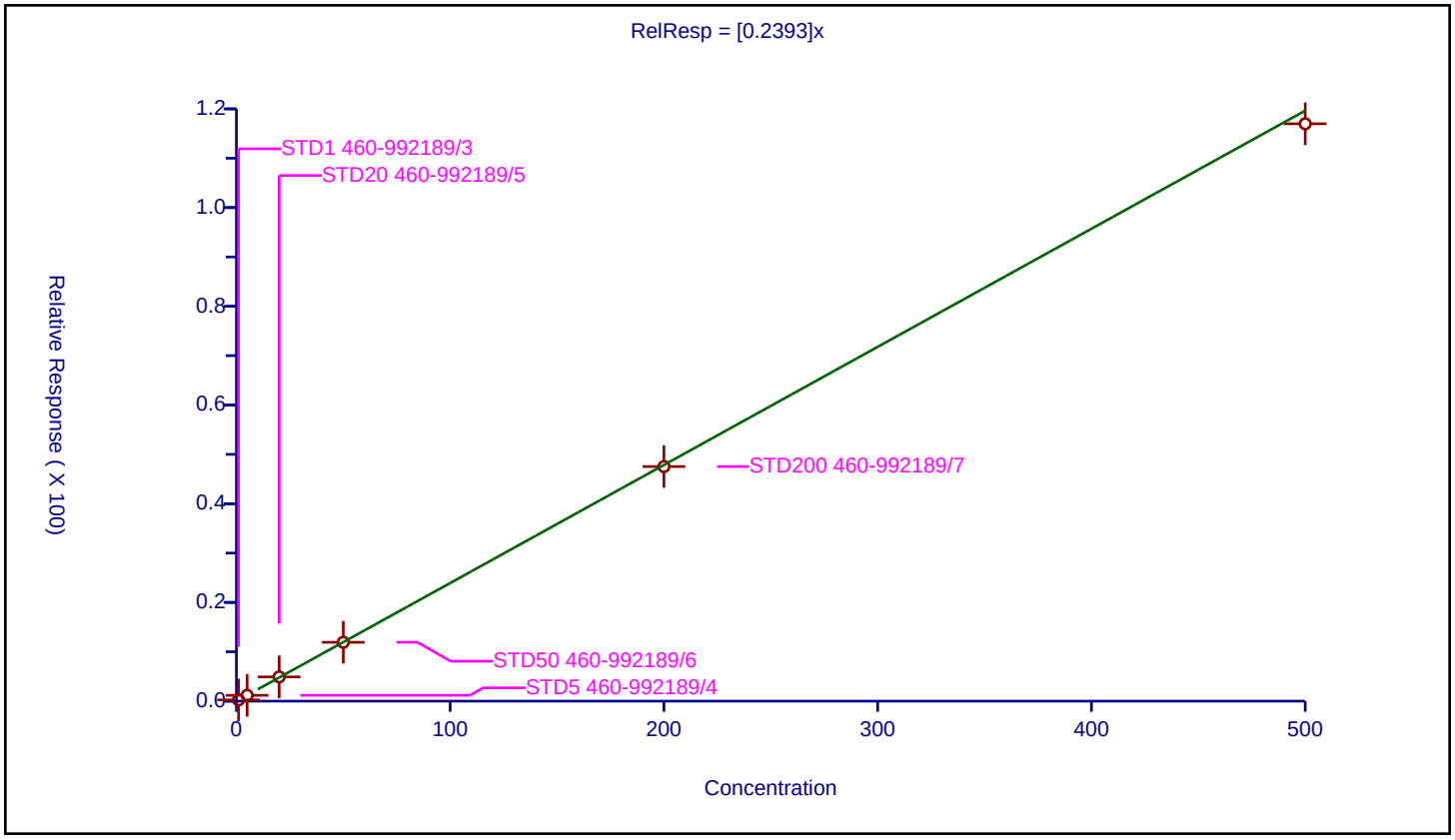
Curve Coefficients

Intercept:	0
Slope:	0.2393

Error Coefficients

Relative Standard Deviation:	1.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0	0.243733	50.0	665688.0	0.243733	Y
2	STD5 460-992189/4	5.0	1.181397	50.0	635688.0	0.236279	Y
3	STD20 460-992189/5	20.0	4.911283	50.0	640464.0	0.245564	Y
4	STD50 460-992189/6	50.0	11.924897	50.0	668358.0	0.238498	Y
5	STD200 460-992189/7	200.0	47.528812	50.0	695536.0	0.237644	Y
6	STD500 460-992189/8	500.0	116.985101	50.0	691612.0	0.23397	Y



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Calibration / Dibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

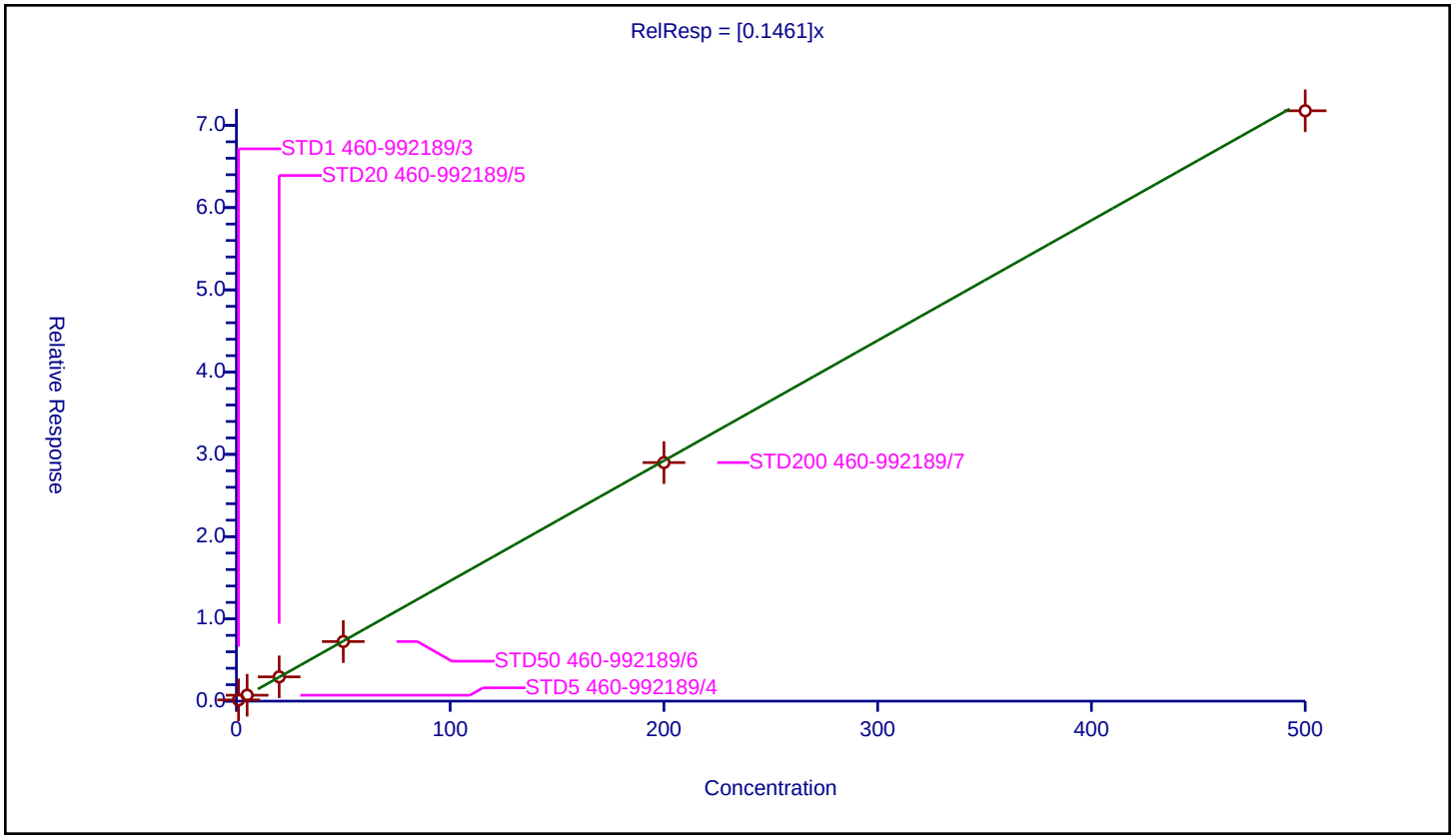
Curve Coefficients

Intercept:	0
Slope:	0.1461

Error Coefficients

Relative Standard Deviation:	2.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0	0.151347	50.0	665688.0	0.151347	Y
2	STD5 460-992189/4	5.0	0.721895	50.0	635688.0	0.144379	Y
3	STD20 460-992189/5	20.0	2.952937	50.0	640464.0	0.147647	Y
4	STD50 460-992189/6	50.0	7.243423	50.0	668358.0	0.144868	Y
5	STD200 460-992189/7	200.0	29.002165	50.0	695536.0	0.145011	Y
6	STD500 460-992189/8	500.0	71.773769	50.0	691612.0	0.143548	Y



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Calibration / 1,4-Dioxane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

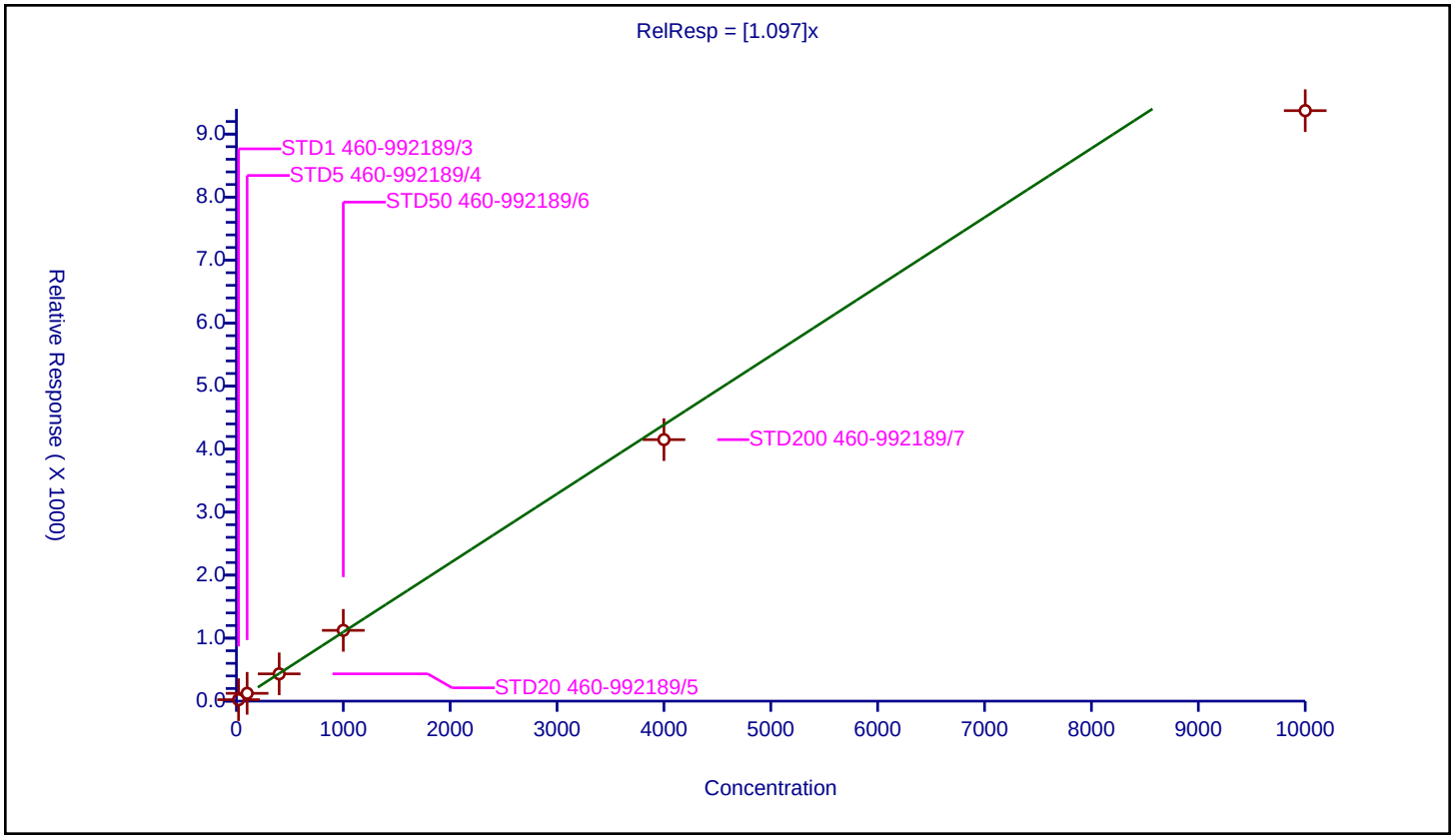
Curve Coefficients

Intercept:	0
Slope:	1.097

Error Coefficients

Relative Standard Deviation:	9.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	20.0	23.183237	1000.0	24673.0	1.159162	Y
2	STD5 460-992189/4	100.0	124.015461	1000.0	27424.0	1.240155	Y
3	STD20 460-992189/5	400.0	432.948638	1000.0	27121.0	1.082372	Y
4	STD50 460-992189/6	1000.0	1123.606966	1000.0	26471.0	1.123607	Y
5	STD200 460-992189/7	4000.0	4150.622613	1000.0	30115.0	1.037656	Y
6	STD500 460-992189/8	10000.0	9372.22839	1000.0	33329.0	0.937223	Y



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Calibration / Methyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

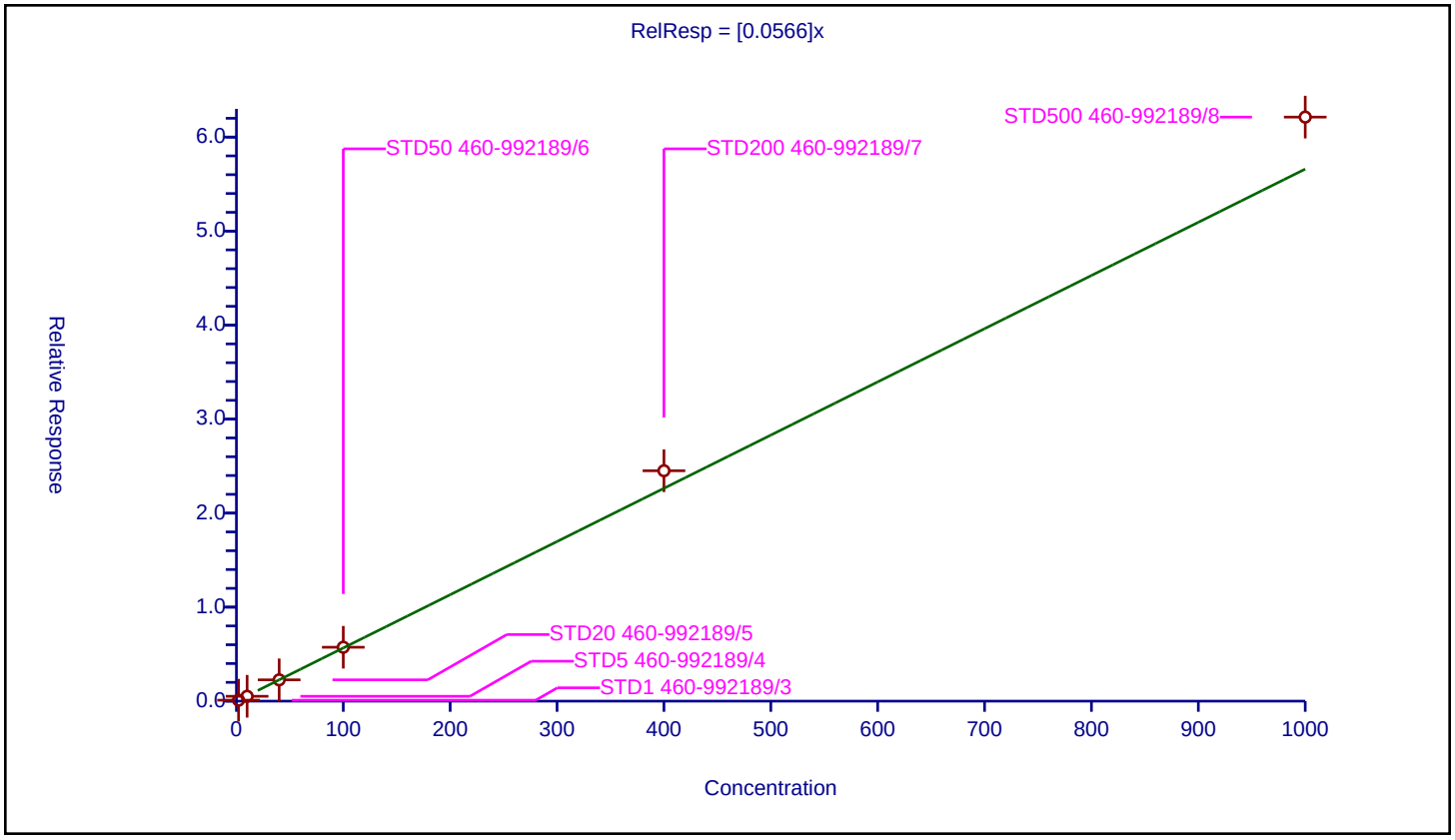
Curve Coefficients

Intercept:	0
Slope:	0.0566

Error Coefficients

Relative Standard Deviation:	8.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	2.0	0.101098	50.0	665688.0	0.050549	Y
2	STD5 460-992189/4	10.0	0.517235	50.0	635688.0	0.051723	Y
3	STD20 460-992189/5	40.0	2.263827	50.0	640464.0	0.056596	Y
4	STD50 460-992189/6	100.0	5.731883	50.0	668358.0	0.057319	Y
5	STD200 460-992189/7	400.0	24.50779	50.0	695536.0	0.061269	Y
6	STD500 460-992189/8	1000.0	62.127103	50.0	691612.0	0.062127	Y



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Calibration / n-Propyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

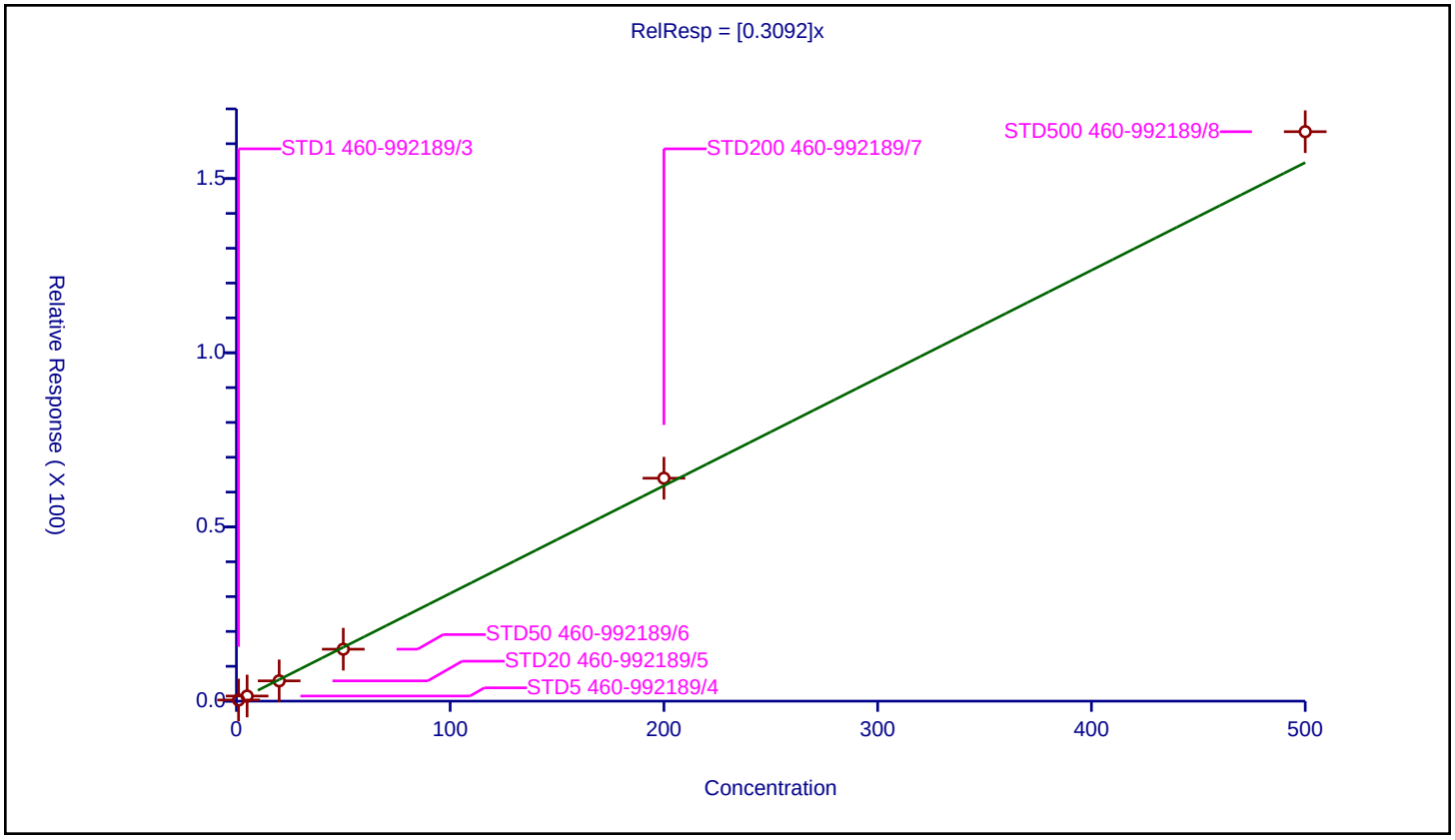
Curve Coefficients

Intercept:	0
Slope:	0.3092

Error Coefficients

Relative Standard Deviation:	5.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0	0.325227	50.0	665688.0	0.325227	Y
2	STD5 460-992189/4	5.0	1.46896	50.0	635688.0	0.293792	Y
3	STD20 460-992189/5	20.0	5.819609	50.0	640464.0	0.29098	Y
4	STD50 460-992189/6	50.0	14.909525	50.0	668358.0	0.29819	Y
5	STD200 460-992189/7	200.0	63.993381	50.0	695536.0	0.319967	Y
6	STD500 460-992189/8	500.0	163.455738	50.0	691612.0	0.326911	Y



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Calibration / Dichlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

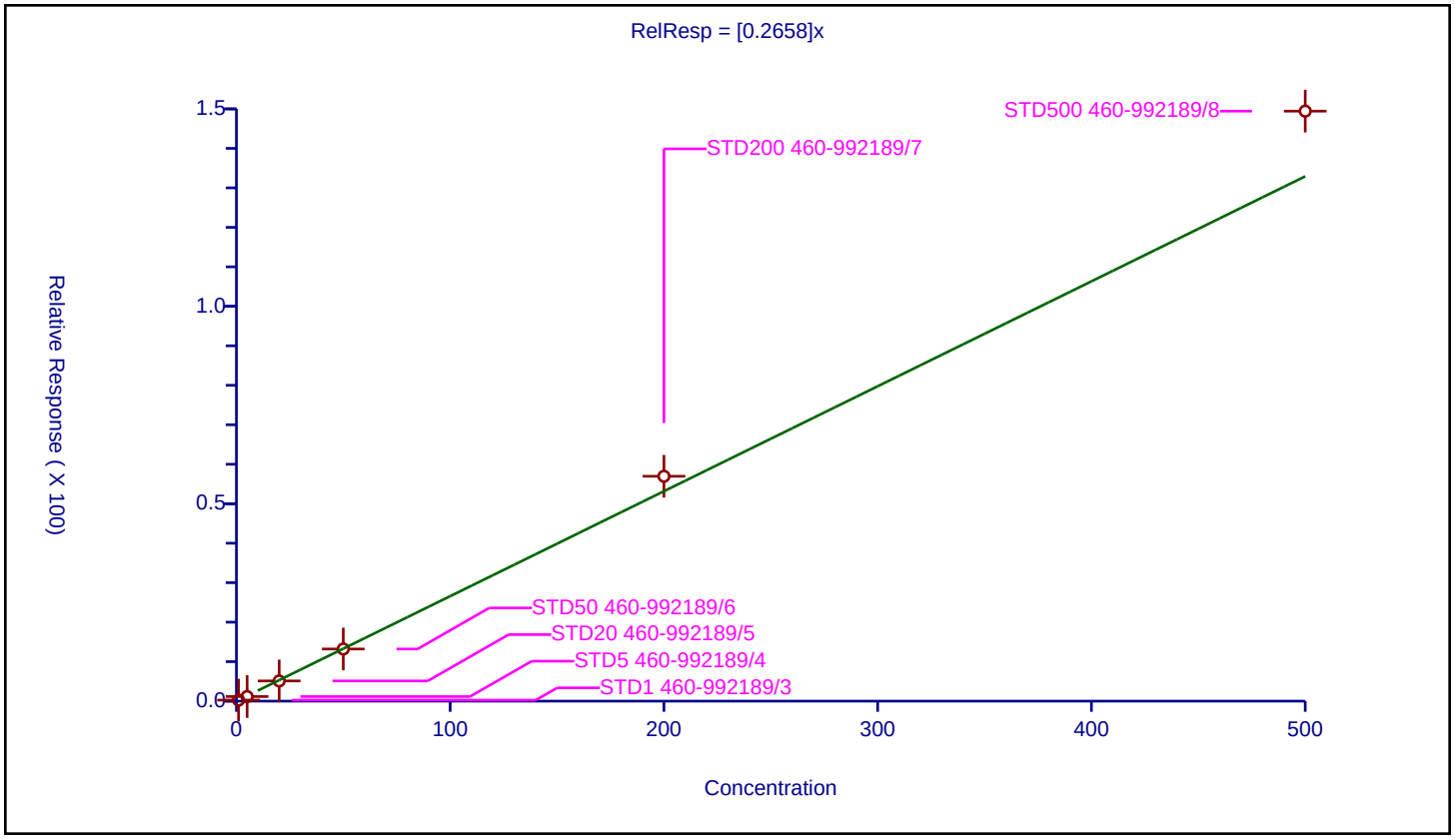
Curve Coefficients

Intercept:	0
Slope:	0.2658

Error Coefficients

Relative Standard Deviation:	8.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0	0.258304	50.0	665688.0	0.258304	Y
2	STD5 460-992189/4	5.0	1.164722	50.0	635688.0	0.232944	Y
3	STD20 460-992189/5	20.0	5.119648	50.0	640464.0	0.255982	Y
4	STD50 460-992189/6	50.0	13.203104	50.0	668358.0	0.264062	Y
5	STD200 460-992189/7	200.0	56.955068	50.0	695536.0	0.284775	Y
6	STD500 460-992189/8	500.0	149.433859	50.0	691612.0	0.298868	Y



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Calibration / 2-Nitropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

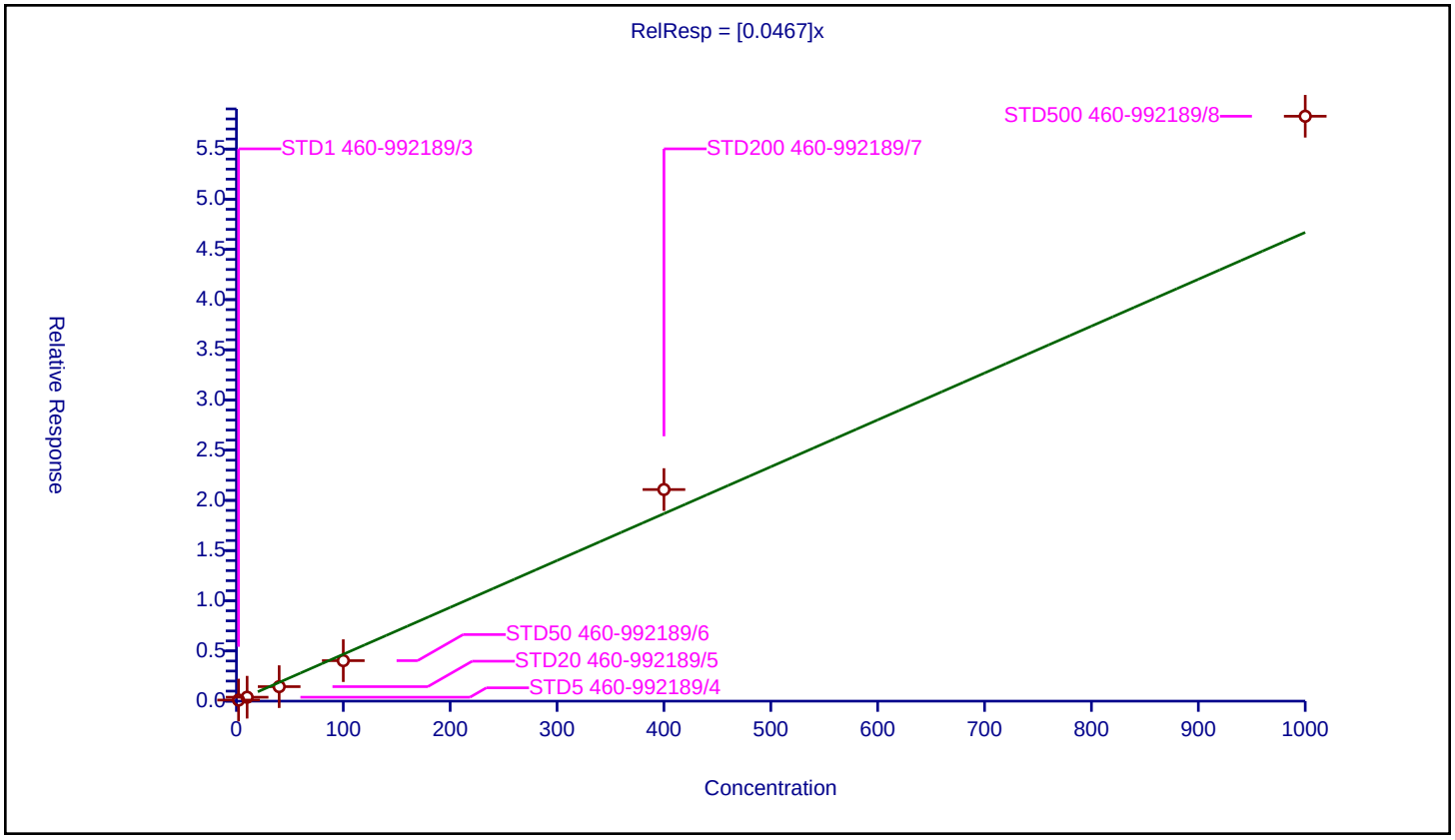
Curve Coefficients

Intercept:	0
Slope:	0.0467

Error Coefficients

Relative Standard Deviation:	19.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	2.0	0.107032	50.0	665688.0	0.053516	Y
2	STD5 460-992189/4	10.0	0.392645	50.0	635688.0	0.039265	Y
3	STD20 460-992189/5	40.0	1.444031	50.0	640464.0	0.036101	Y
4	STD50 460-992189/6	100.0	4.033317	50.0	668358.0	0.040333	Y
5	STD200 460-992189/7	400.0	21.080002	50.0	695536.0	0.0527	Y
6	STD500 460-992189/8	1000.0	58.267569	50.0	691612.0	0.058268	Y



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Calibration / 2-Chloroethyl vinyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

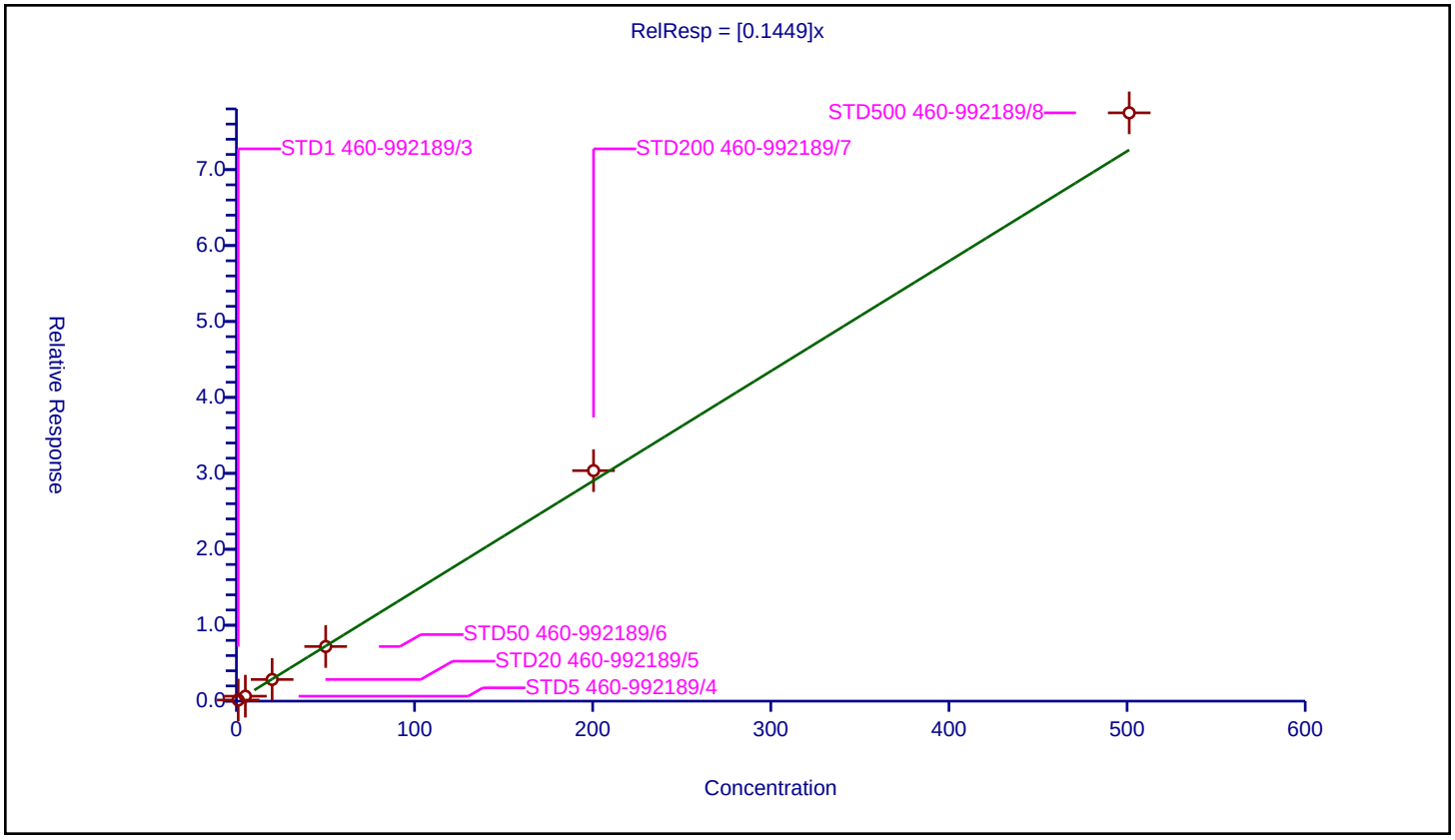
Curve Coefficients

Intercept:	0
Slope:	0.1449

Error Coefficients

Relative Standard Deviation:	5.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0024	0.147141	50.0	665688.0	0.146789	Y
2	STD5 460-992189/4	5.012	0.654016	50.0	635688.0	0.13049	Y
3	STD20 460-992189/5	20.048	2.852307	50.0	640464.0	0.142274	Y
4	STD50 460-992189/6	50.12	7.195395	50.0	668358.0	0.143563	Y
5	STD200 460-992189/7	200.48	30.35666	50.0	695536.0	0.15142	Y
6	STD500 460-992189/8	501.2	77.479063	50.0	691612.0	0.154587	Y



Calibration / Epichlorohydrin

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

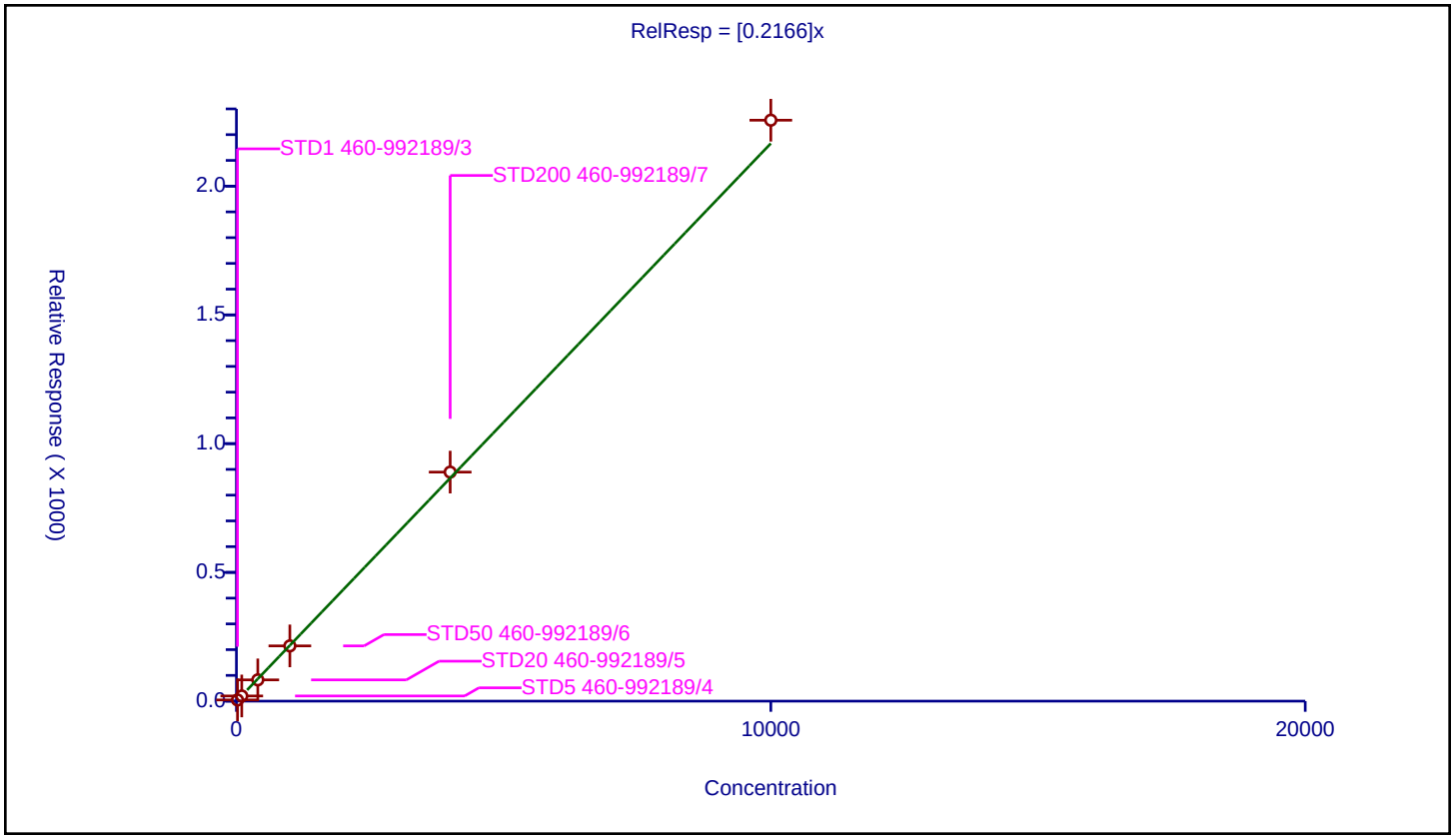
Curve Coefficients

Intercept:	0
Slope:	0.2166

Error Coefficients

Relative Standard Deviation:	5.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	20.000035	4.582941	250.0	380378.0	0.229147	Y
2	STD5 460-992189/4	100.000173	20.125758	250.0	395364.0	0.201257	Y
3	STD20 460-992189/5	400.000692	82.608669	250.0	405705.0	0.206521	Y
4	STD50 460-992189/6	1000.00173	214.574174	250.0	403745.0	0.214574	Y
5	STD200 460-992189/7	4000.00692	889.429492	250.0	430949.0	0.222357	Y
6	STD500 460-992189/8	10000.0173	2256.060259	250.0	418629.0	0.225606	Y



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Calibration / cis-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

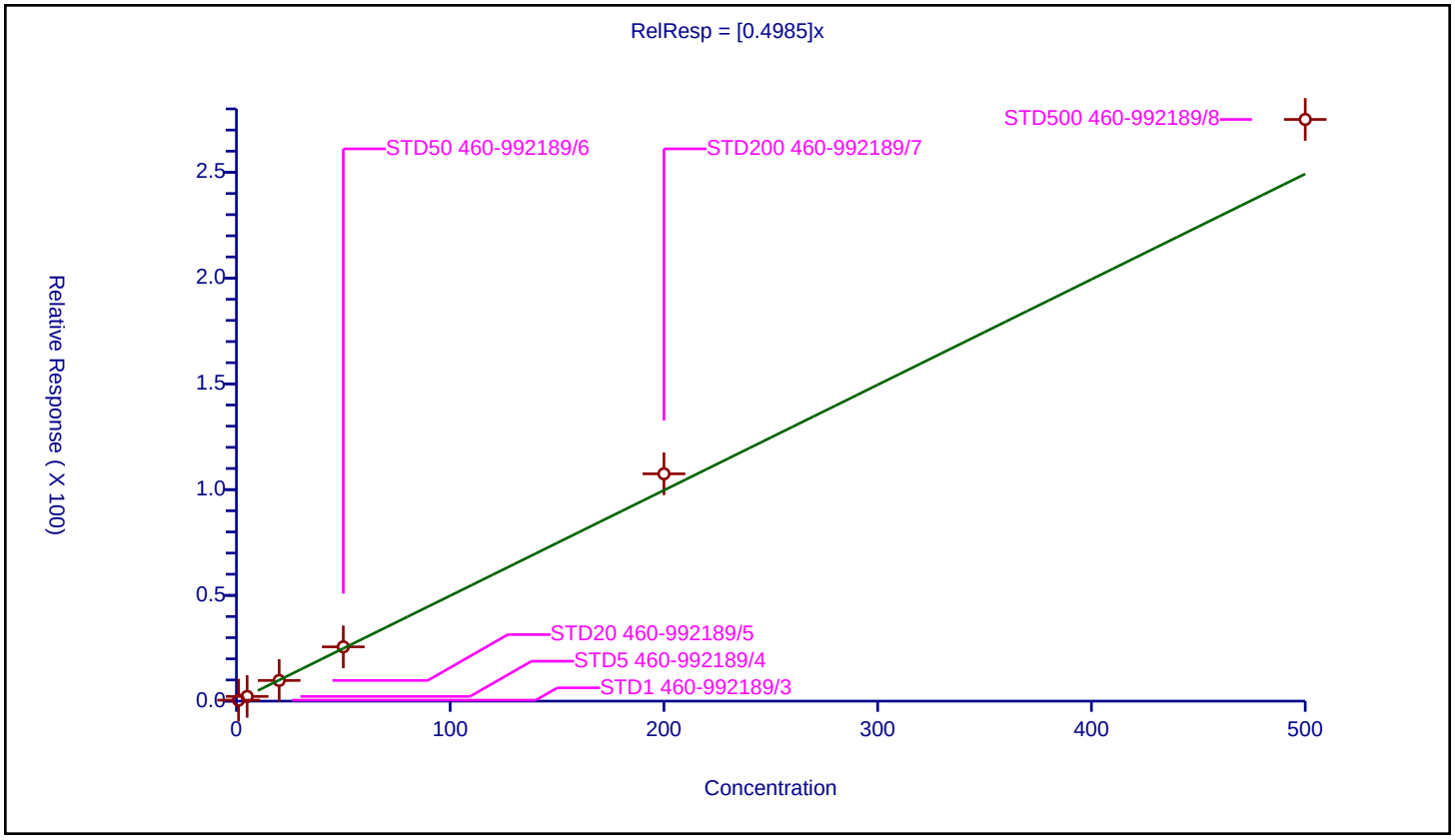
Curve Coefficients

Intercept:	0
Slope:	0.4985

Error Coefficients

Relative Standard Deviation:	8.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0	0.45794	50.0	425056.0	0.45794	Y
2	STD5 460-992189/4	5.0	2.218977	50.0	413276.0	0.443795	Y
3	STD20 460-992189/5	20.0	9.774249	50.0	422457.0	0.488712	Y
4	STD50 460-992189/6	50.0	25.659166	50.0	453452.0	0.513183	Y
5	STD200 460-992189/7	200.0	107.474061	50.0	480930.0	0.53737	Y
6	STD500 460-992189/8	500.0	275.0114	50.0	484631.0	0.550023	Y



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Calibration / 4-Methyl-2-pentanone (MIBK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

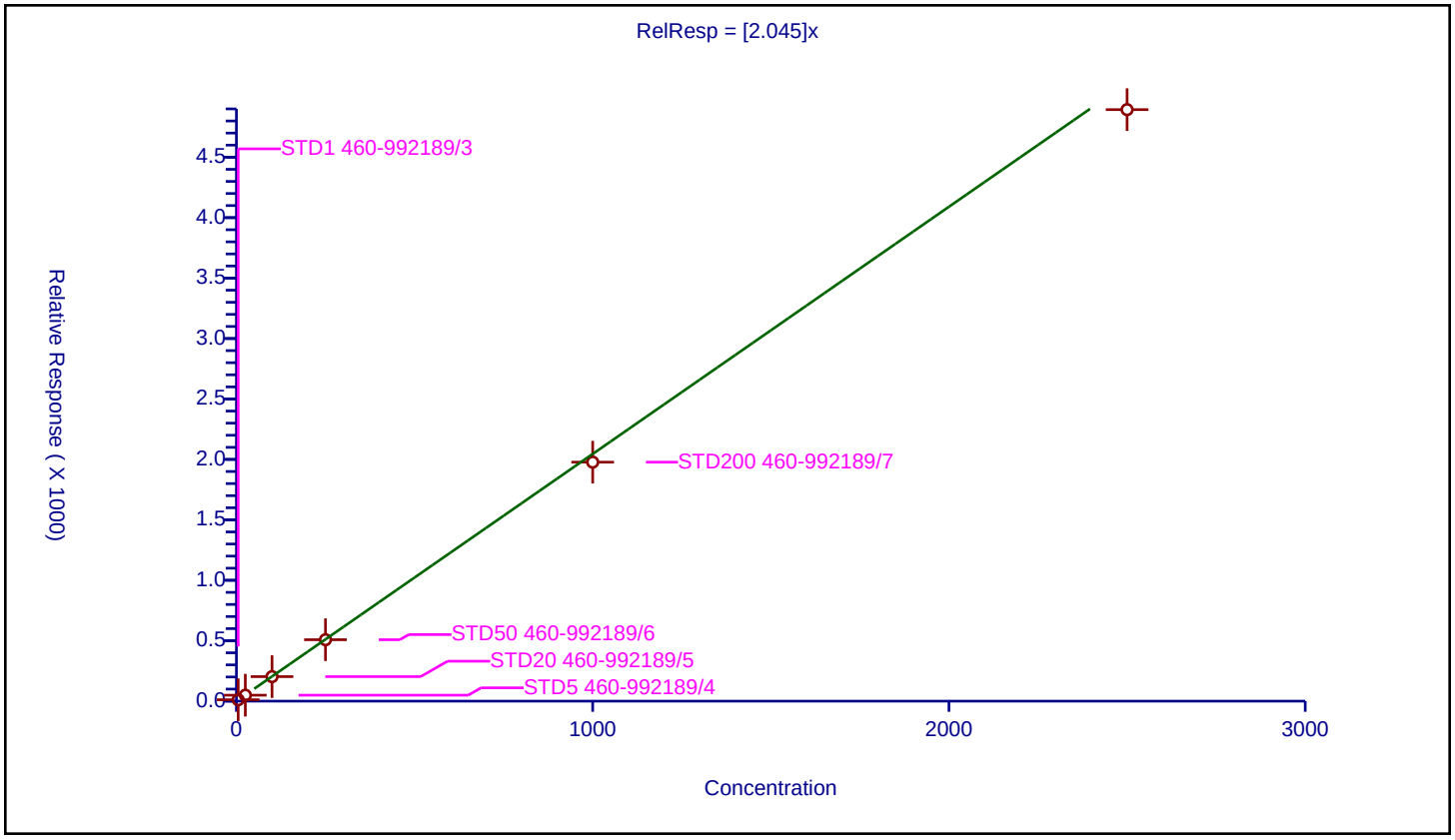
Curve Coefficients

Intercept:	0
Slope:	2.045

Error Coefficients

Relative Standard Deviation:	6.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	5.0	11.505003	250.0	380378.0	2.301001	Y
2	STD5 460-992189/4	25.0	49.358313	250.0	395364.0	1.974333	Y
3	STD20 460-992189/5	100.0	202.760627	250.0	405705.0	2.027606	Y
4	STD50 460-992189/6	250.0	508.190814	250.0	403745.0	2.032763	Y
5	STD200 460-992189/7	1000.0	1977.142307	250.0	430949.0	1.977142	Y
6	STD500 460-992189/8	2500.0	4893.783039	250.0	418629.0	1.957513	Y



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Calibration / Toluene-d8 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

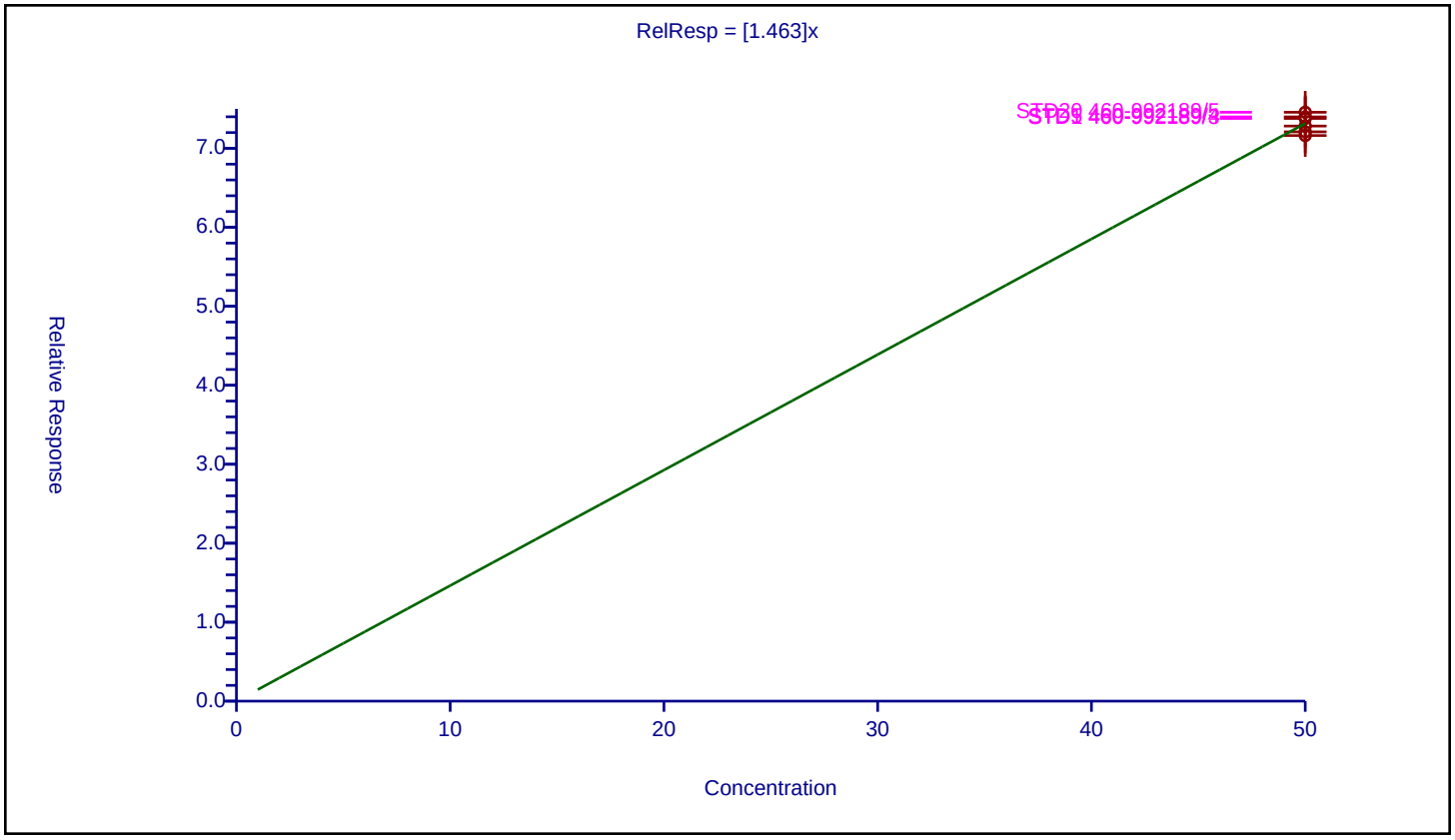
Curve Coefficients

Intercept:	0
Slope:	1.463

Error Coefficients

Relative Standard Deviation:	1.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	50.0	73.787454	50.0	425056.0	1.475749	Y
2	STD5 460-992189/4	50.0	73.988811	50.0	413276.0	1.479776	Y
3	STD20 460-992189/5	50.0	74.570311	50.0	422457.0	1.491406	Y
4	STD50 460-992189/6	50.0	72.828657	50.0	453452.0	1.456573	Y
5	STD200 460-992189/7	50.0	72.09438	50.0	480930.0	1.441888	Y
6	STD500 460-992189/8	50.0	71.627279	50.0	484631.0	1.432546	Y



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Calibration / Toluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

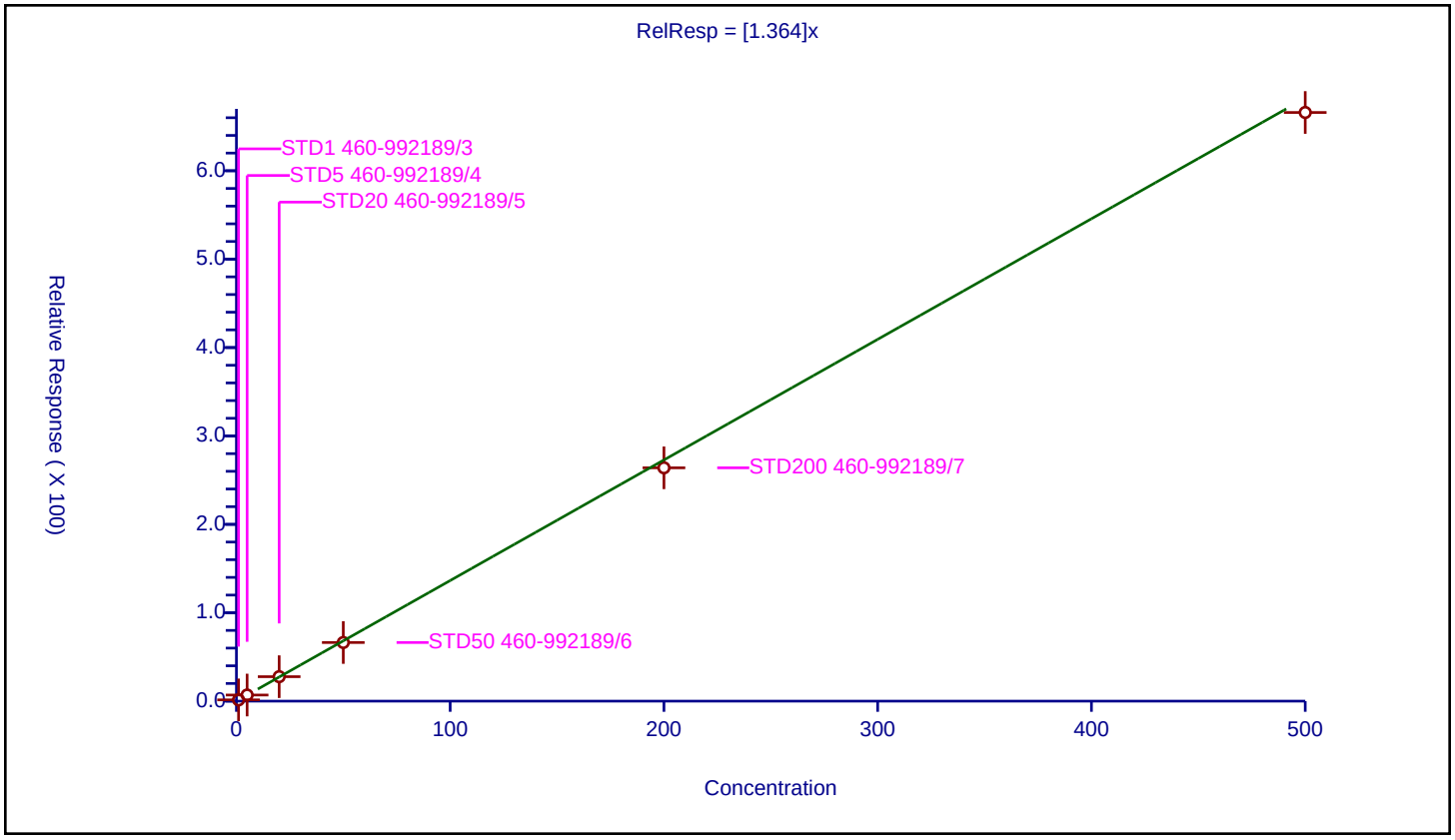
Curve Coefficients

Intercept:	0
Slope:	1.364

Error Coefficients

Relative Standard Deviation:	3.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0	1.437105	50.0	425056.0	1.437105	Y
2	STD5 460-992189/4	5.0	6.928421	50.0	413276.0	1.385684	Y
3	STD20 460-992189/5	20.0	27.684829	50.0	422457.0	1.384241	Y
4	STD50 460-992189/6	50.0	66.334695	50.0	453452.0	1.326694	Y
5	STD200 460-992189/7	200.0	263.971472	50.0	480930.0	1.319857	Y
6	STD500 460-992189/8	500.0	665.939034	50.0	484631.0	1.331878	Y



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Calibration / trans-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

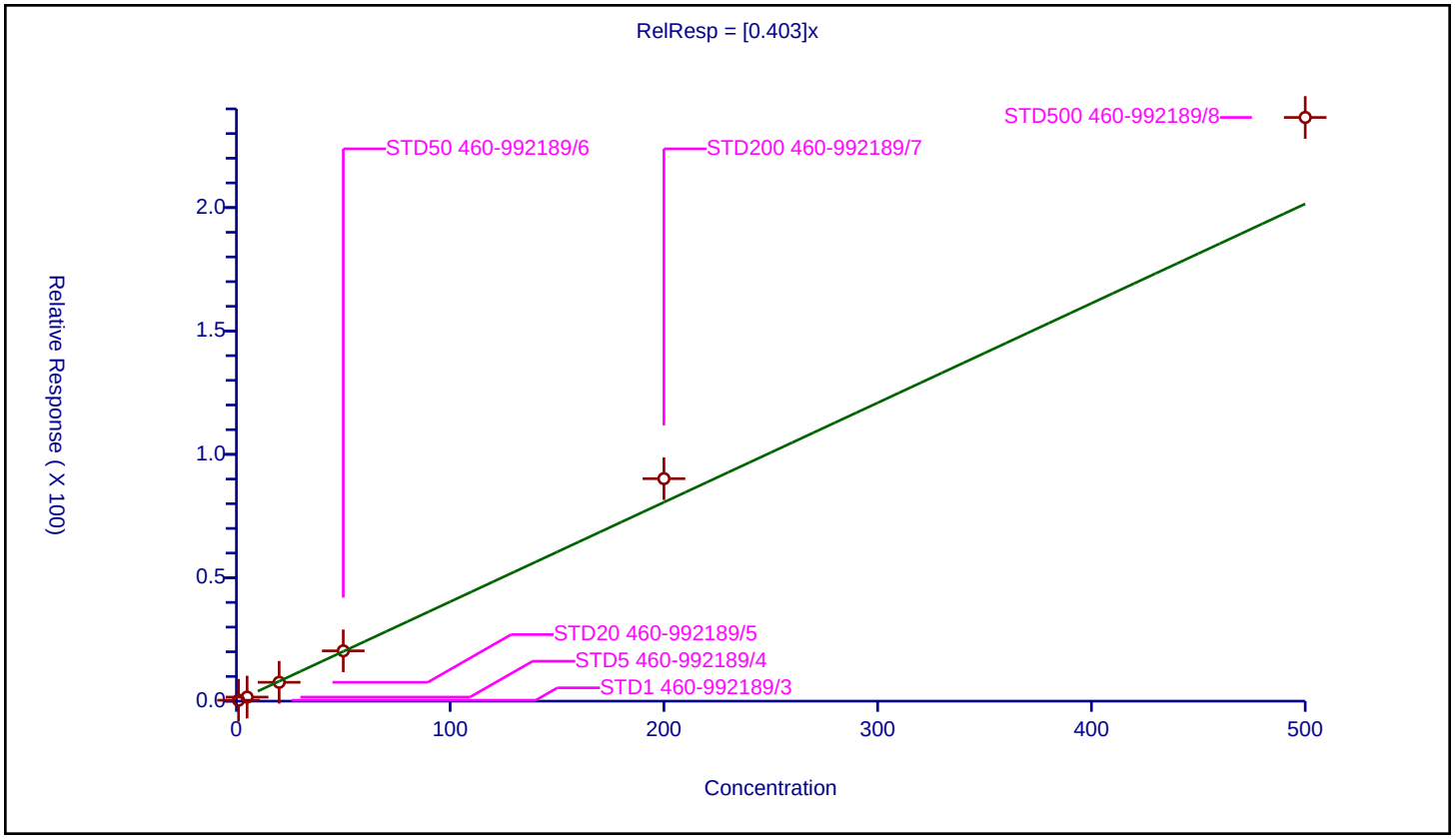
Curve Coefficients

Intercept:	0
Slope:	0.403

Error Coefficients

Relative Standard Deviation:	13.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0	0.376774	50.0	425056.0	0.376774	Y
2	STD5 460-992189/4	5.0	1.640671	50.0	413276.0	0.328134	Y
3	STD20 460-992189/5	20.0	7.632966	50.0	422457.0	0.381648	Y
4	STD50 460-992189/6	50.0	20.382312	50.0	453452.0	0.407646	Y
5	STD200 460-992189/7	200.0	90.16281	50.0	480930.0	0.450814	Y
6	STD500 460-992189/8	500.0	236.525728	50.0	484631.0	0.473051	Y



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Calibration / Ethyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

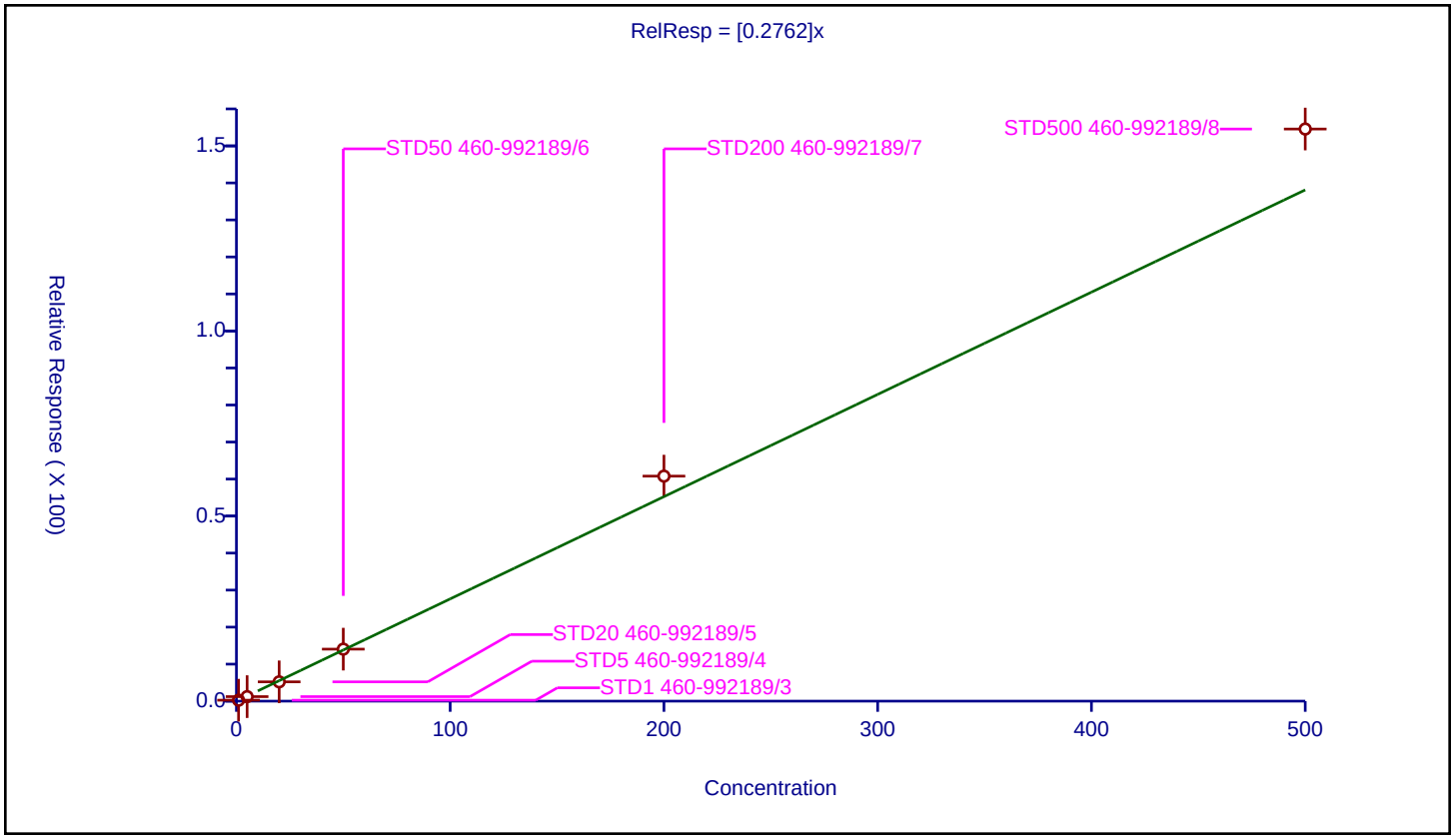
Curve Coefficients

Intercept:	0
Slope:	0.2762

Error Coefficients

Relative Standard Deviation:	9.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0	0.258229	50.0	665688.0	0.258229	Y
2	STD5 460-992189/4	5.0	1.221747	50.0	635688.0	0.244349	Y
3	STD20 460-992189/5	20.0	5.214423	50.0	640464.0	0.260721	Y
4	STD50 460-992189/6	50.0	14.046963	50.0	668358.0	0.280939	Y
5	STD200 460-992189/7	200.0	60.790311	50.0	695536.0	0.303952	Y
6	STD500 460-992189/8	500.0	154.560288	50.0	691612.0	0.309121	Y



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Calibration / 1,1,2-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

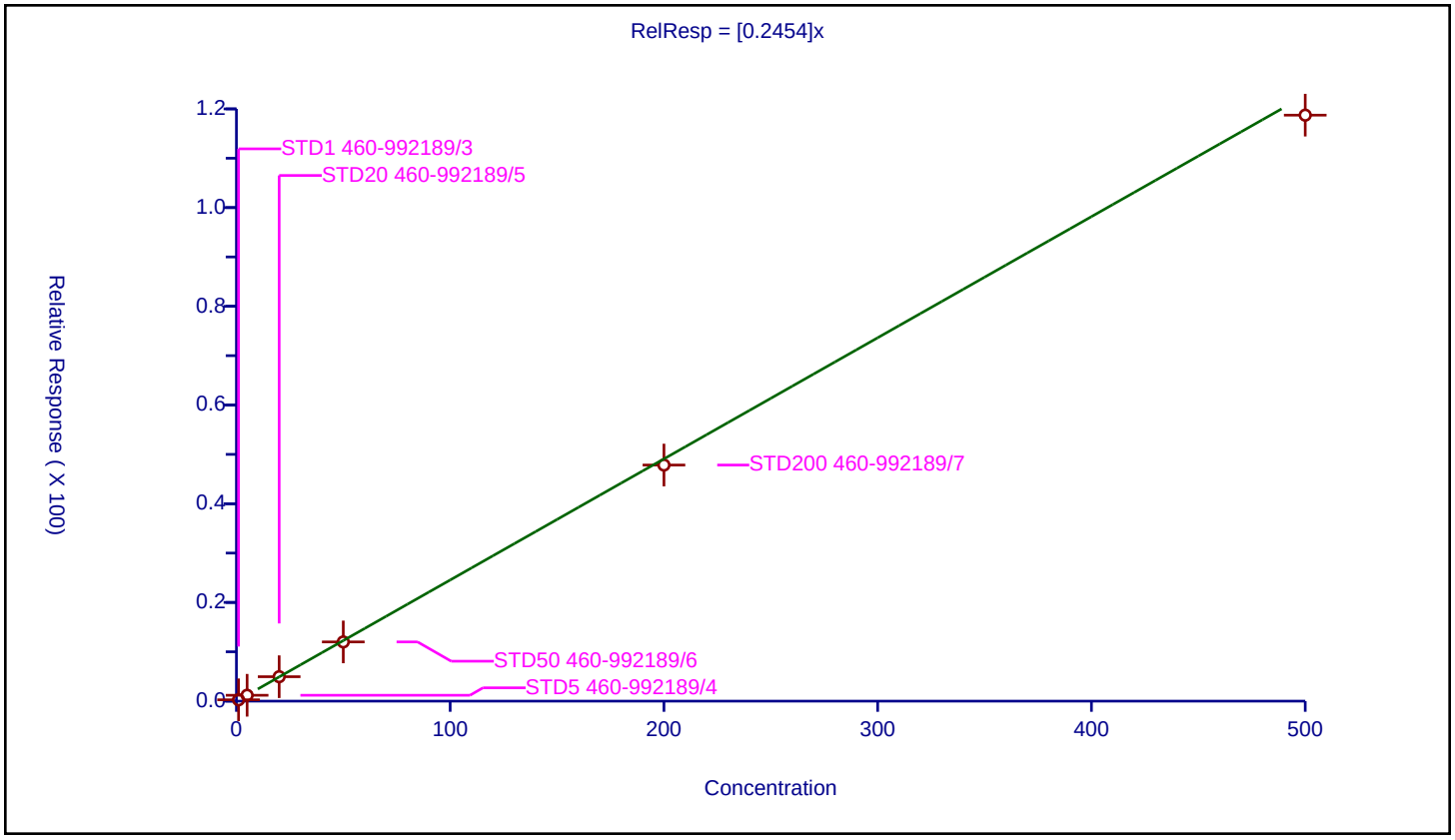
Curve Coefficients

Intercept:	0
Slope:	0.2454

Error Coefficients

Relative Standard Deviation:	5.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0	0.269964	50.0	425056.0	0.269964	Y
2	STD5 460-992189/4	5.0	1.192544	50.0	413276.0	0.238509	Y
3	STD20 460-992189/5	20.0	4.949616	50.0	422457.0	0.247481	Y
4	STD50 460-992189/6	50.0	11.998514	50.0	453452.0	0.23997	Y
5	STD200 460-992189/7	200.0	47.835236	50.0	480930.0	0.239176	Y
6	STD500 460-992189/8	500.0	118.729508	50.0	484631.0	0.237459	Y



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Calibration / Tetrachloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

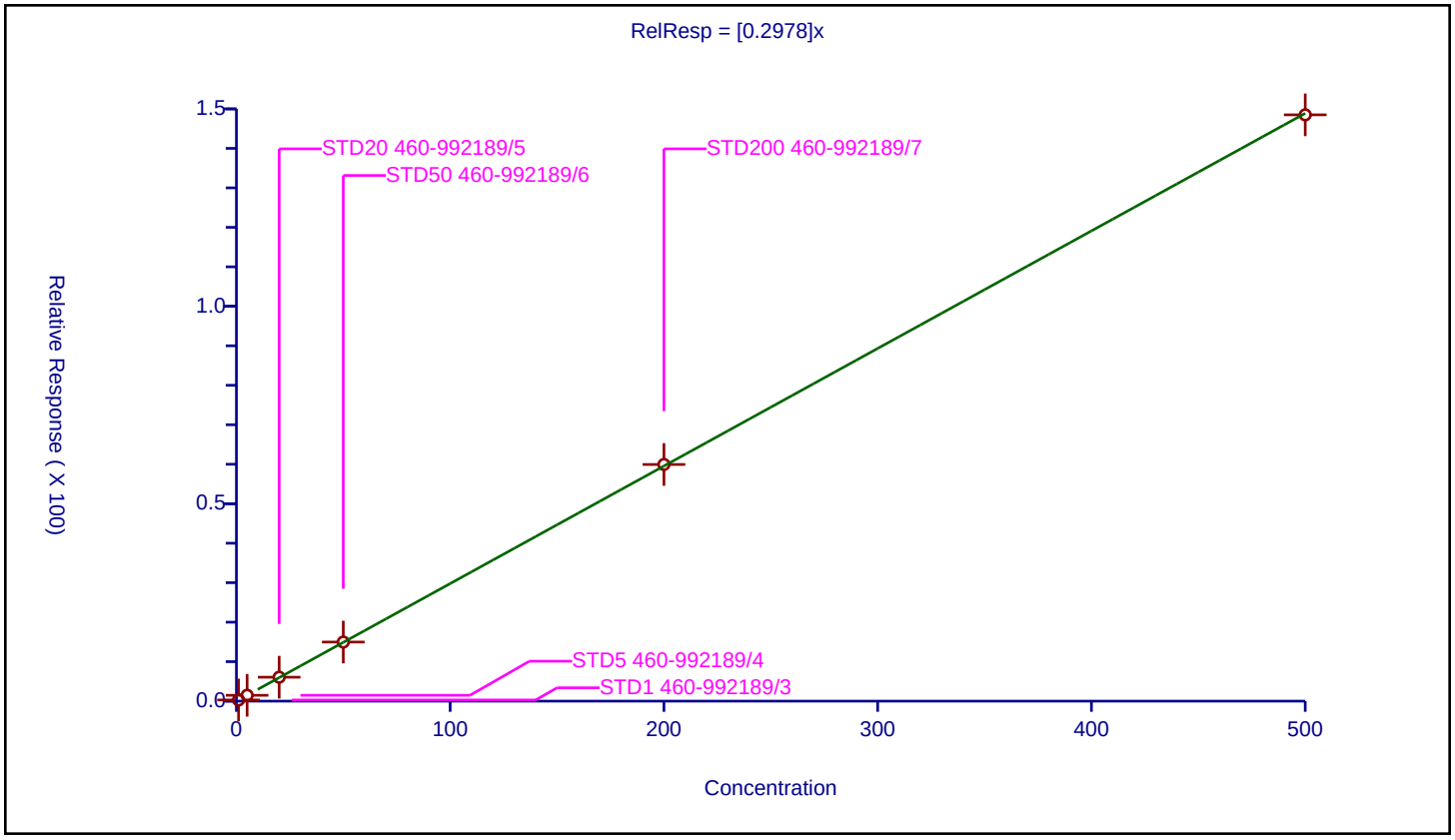
Curve Coefficients

Intercept:	0
Slope:	0.2978

Error Coefficients

Relative Standard Deviation:	1.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0	0.291256	50.0	425056.0	0.291256	Y
2	STD5 460-992189/4	5.0	1.480972	50.0	413276.0	0.296194	Y
3	STD20 460-992189/5	20.0	6.062629	50.0	422457.0	0.303131	Y
4	STD50 460-992189/6	50.0	14.962885	50.0	453452.0	0.299258	Y
5	STD200 460-992189/7	200.0	59.939908	50.0	480930.0	0.2997	Y
6	STD500 460-992189/8	500.0	148.492771	50.0	484631.0	0.296986	Y



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Calibration / 1,3-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

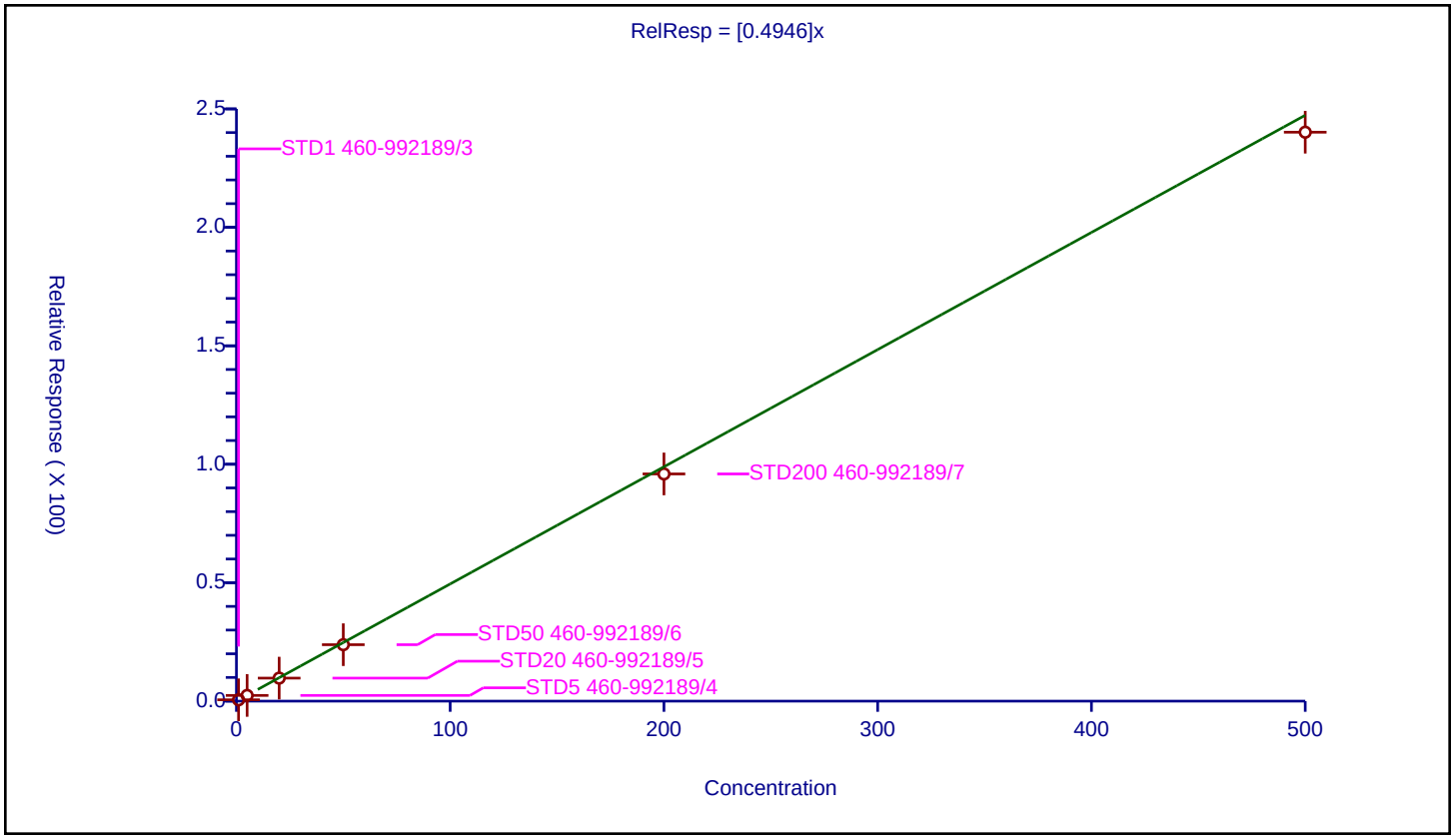
Curve Coefficients

Intercept:	0
Slope:	0.4946

Error Coefficients

Relative Standard Deviation:	6.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0	0.564043	50.0	425056.0	0.564043	Y
2	STD5 460-992189/4	5.0	2.407229	50.0	413276.0	0.481446	Y
3	STD20 460-992189/5	20.0	9.716018	50.0	422457.0	0.485801	Y
4	STD50 460-992189/6	50.0	23.828542	50.0	453452.0	0.476571	Y
5	STD200 460-992189/7	200.0	95.905017	50.0	480930.0	0.479525	Y
6	STD500 460-992189/8	500.0	240.15942	50.0	484631.0	0.480319	Y



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Calibration / 2-Hexanone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

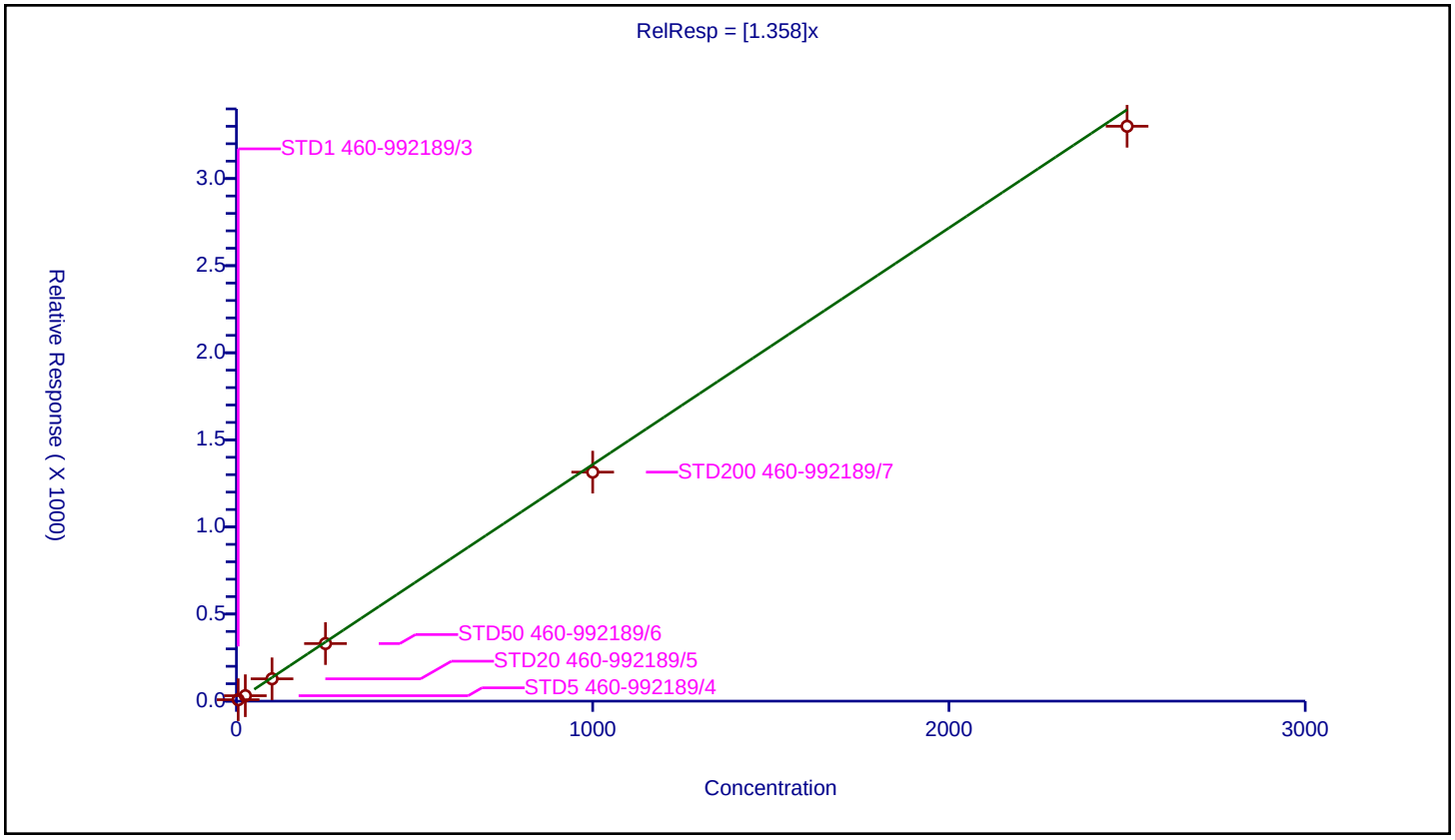
Curve Coefficients

Intercept:	0
Slope:	1.358

Error Coefficients

Relative Standard Deviation:	10.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	5.0	8.282551	250.0	380378.0	1.65651	Y
2	STD5 460-992189/4	25.0	31.338842	250.0	395364.0	1.253554	Y
3	STD20 460-992189/5	100.0	128.282249	250.0	405705.0	1.282822	Y
4	STD50 460-992189/6	250.0	330.470346	250.0	403745.0	1.321881	Y
5	STD200 460-992189/7	1000.0	1314.748961	250.0	430949.0	1.314749	Y
6	STD500 460-992189/8	2500.0	3300.238397	250.0	418629.0	1.320095	Y



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Calibration / Chlorodibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

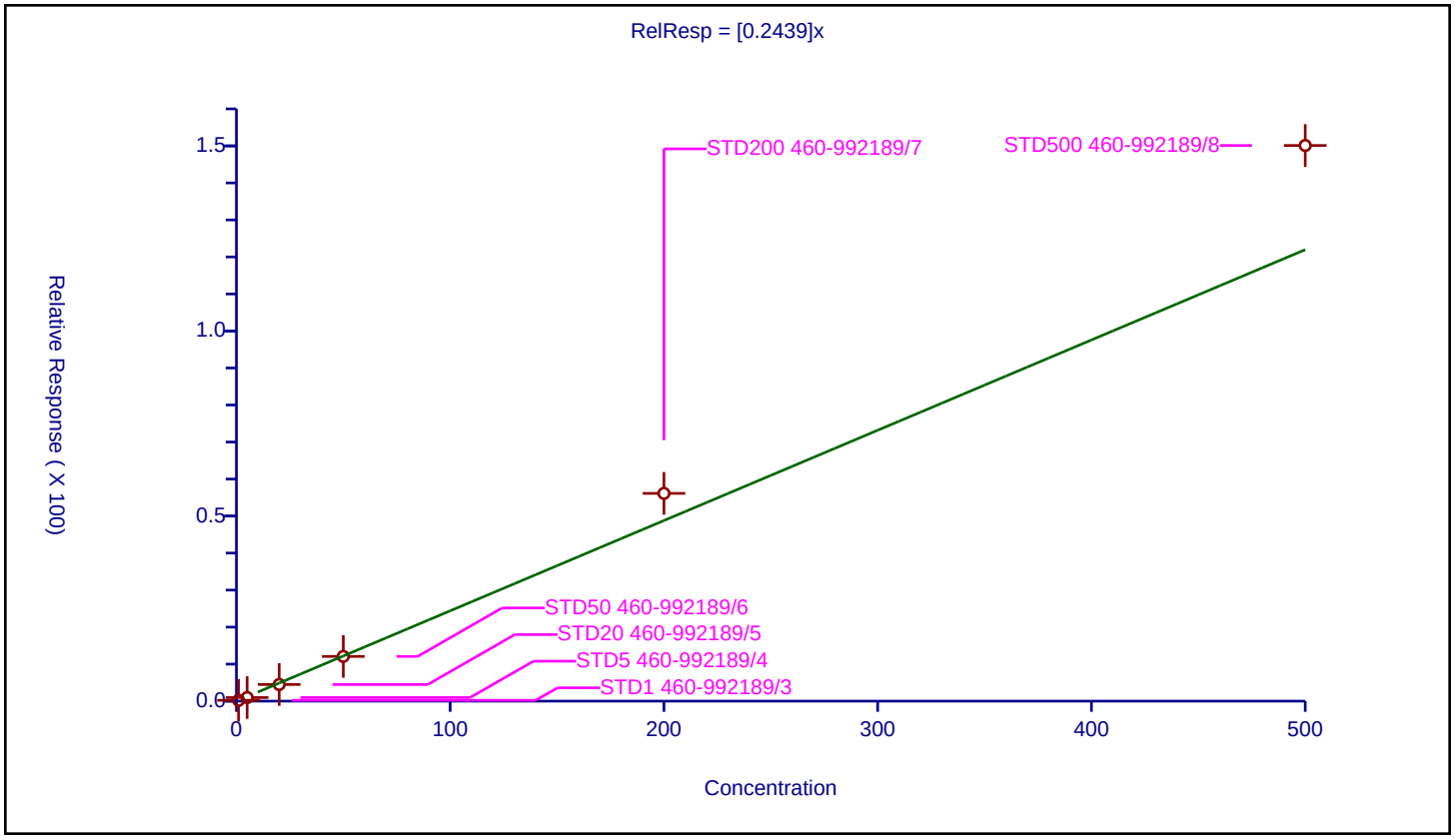
Curve Coefficients

Intercept:	0
Slope:	0.2439

Error Coefficients

Relative Standard Deviation:	16.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0	0.223029	50.0	425056.0	0.223029	Y
2	STD5 460-992189/4	5.0	0.967634	50.0	413276.0	0.193527	Y
3	STD20 460-992189/5	20.0	4.492055	50.0	422457.0	0.224603	Y
4	STD50 460-992189/6	50.0	12.077464	50.0	453452.0	0.241549	Y
5	STD200 460-992189/7	200.0	56.126463	50.0	480930.0	0.280632	Y
6	STD500 460-992189/8	500.0	150.111838	50.0	484631.0	0.300224	Y



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Calibration / Ethylene Dibromide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

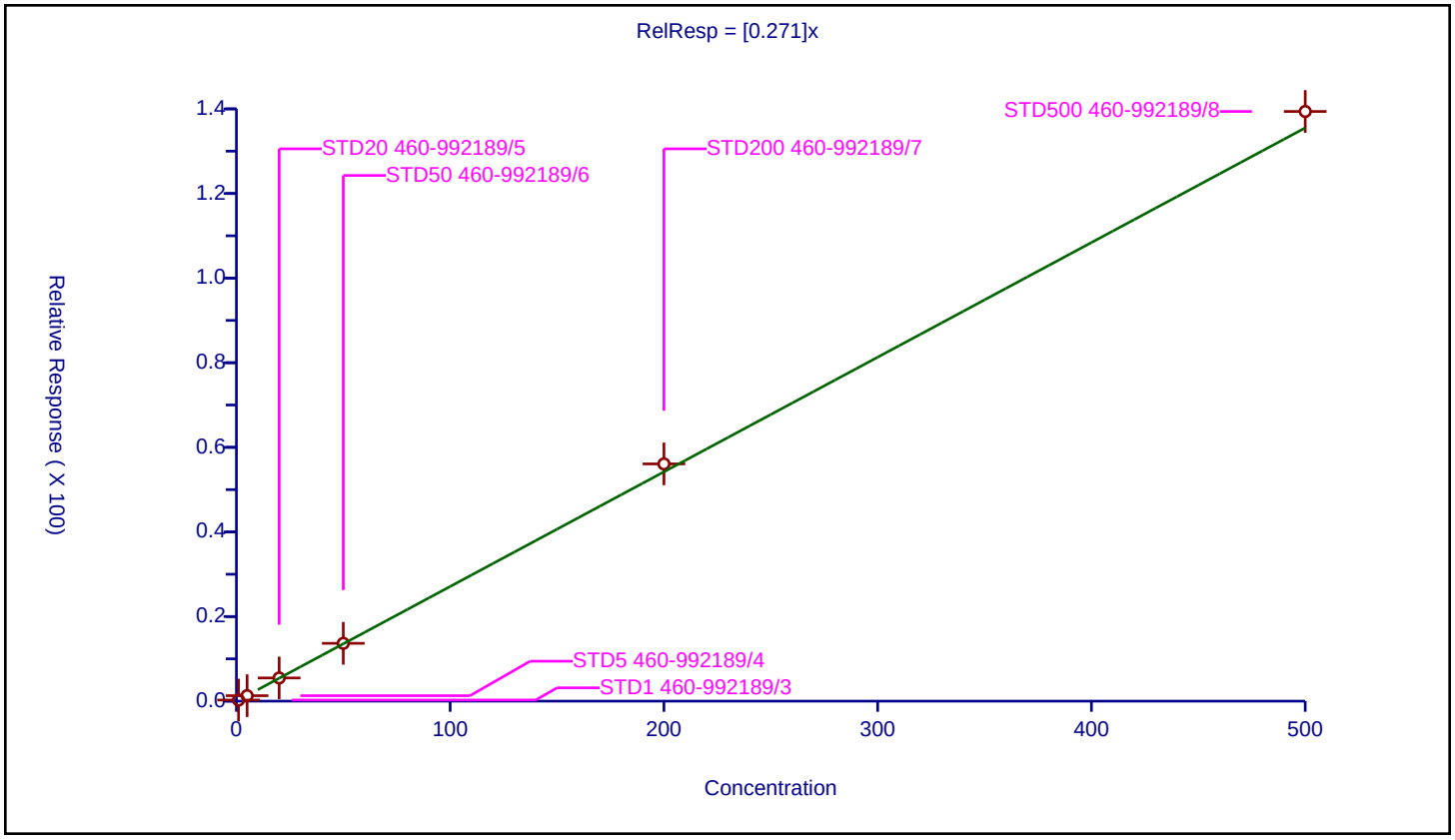
Curve Coefficients

Intercept:	0
Slope:	0.271

Error Coefficients

Relative Standard Deviation:	3.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0	0.261965	50.0	425056.0	0.261965	Y
2	STD5 460-992189/4	5.0	1.288364	50.0	413276.0	0.257673	Y
3	STD20 460-992189/5	20.0	5.478664	50.0	422457.0	0.273933	Y
4	STD50 460-992189/6	50.0	13.66793	50.0	453452.0	0.273359	Y
5	STD200 460-992189/7	200.0	56.080927	50.0	480930.0	0.280405	Y
6	STD500 460-992189/8	500.0	139.390794	50.0	484631.0	0.278782	Y



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Calibration / n-Butyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

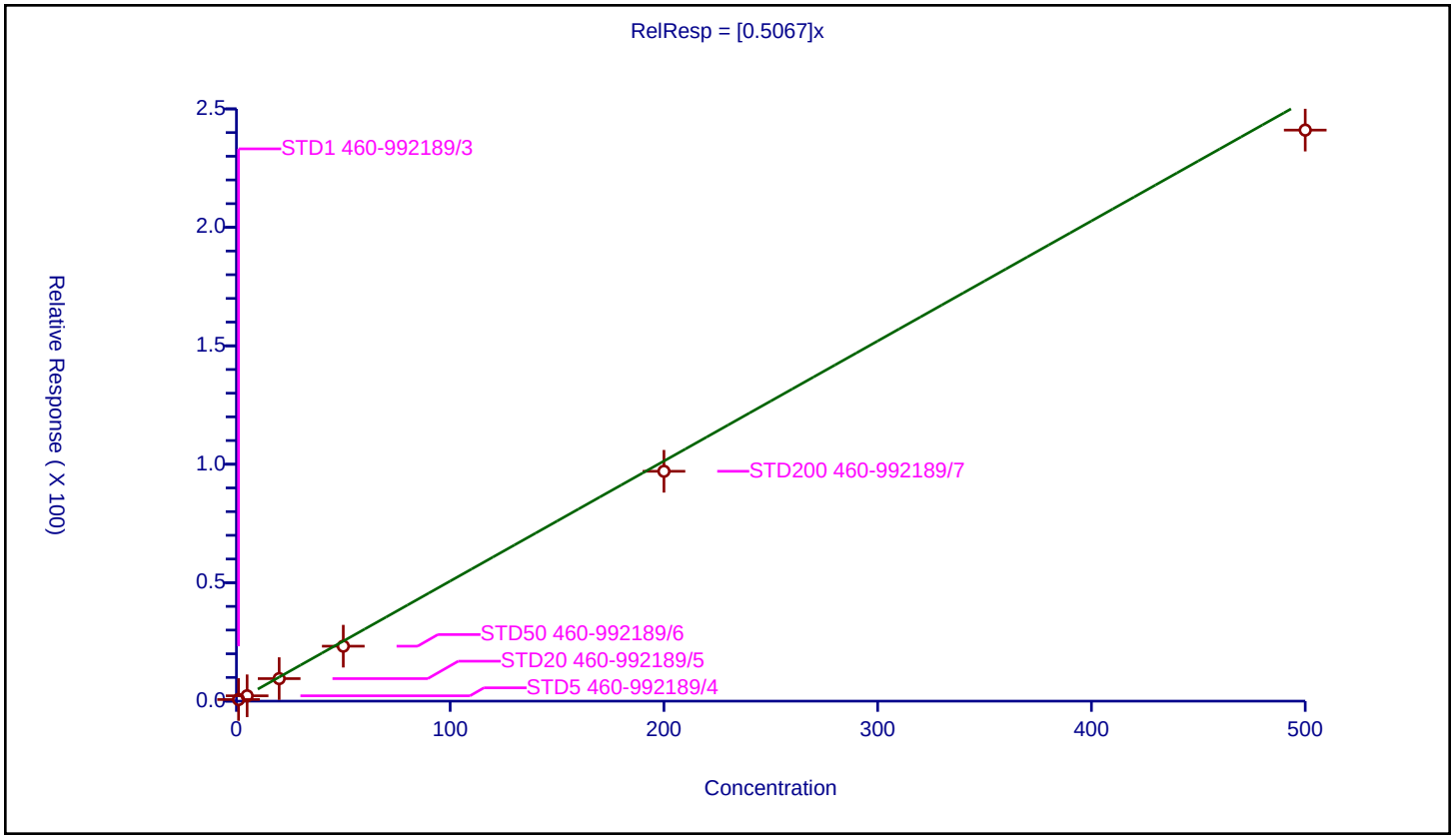
Curve Coefficients

Intercept:	0
Slope:	0.5067

Error Coefficients

Relative Standard Deviation:	17.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0	0.683675	50.0	425056.0	0.683675	Y
2	STD5 460-992189/4	5.0	2.251159	50.0	413276.0	0.450232	Y
3	STD20 460-992189/5	20.0	9.501914	50.0	422457.0	0.475096	Y
4	STD50 460-992189/6	50.0	23.20433	50.0	453452.0	0.464087	Y
5	STD200 460-992189/7	200.0	97.031065	50.0	480930.0	0.485155	Y
6	STD500 460-992189/8	500.0	241.054637	50.0	484631.0	0.482109	Y



Calibration / Chlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

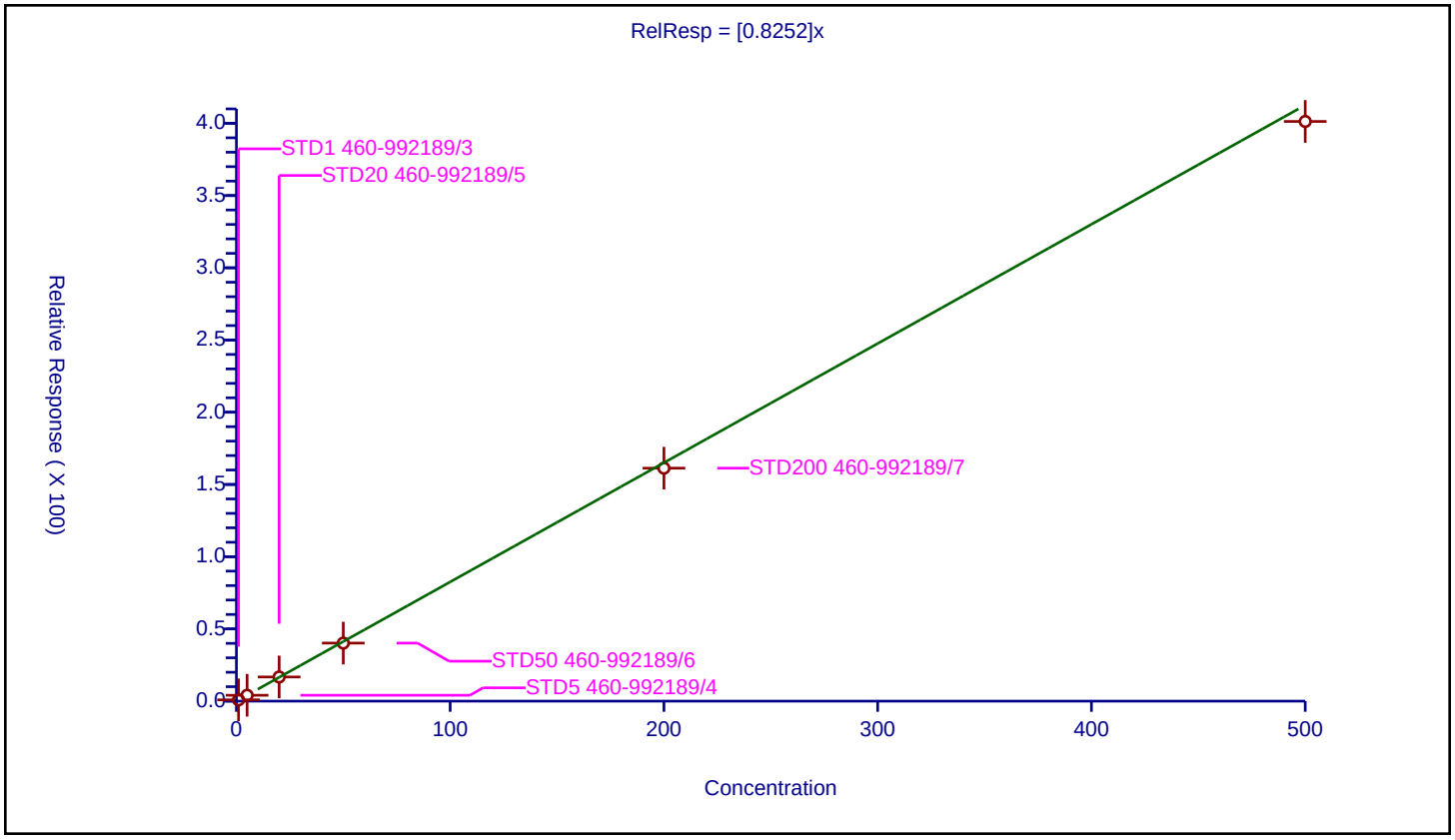
Curve Coefficients

Intercept:	0
Slope:	0.8252

Error Coefficients

Relative Standard Deviation:	4.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0	0.89	50.0	425056.0	0.89	Y
2	STD5 460-992189/4	5.0	4.059152	50.0	413276.0	0.81183	Y
3	STD20 460-992189/5	20.0	16.737917	50.0	422457.0	0.836896	Y
4	STD50 460-992189/6	50.0	40.180769	50.0	453452.0	0.803615	Y
5	STD200 460-992189/7	200.0	161.274406	50.0	480930.0	0.806372	Y
6	STD500 460-992189/8	500.0	401.294696	50.0	484631.0	0.802589	Y



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Calibration / 1,1,1,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

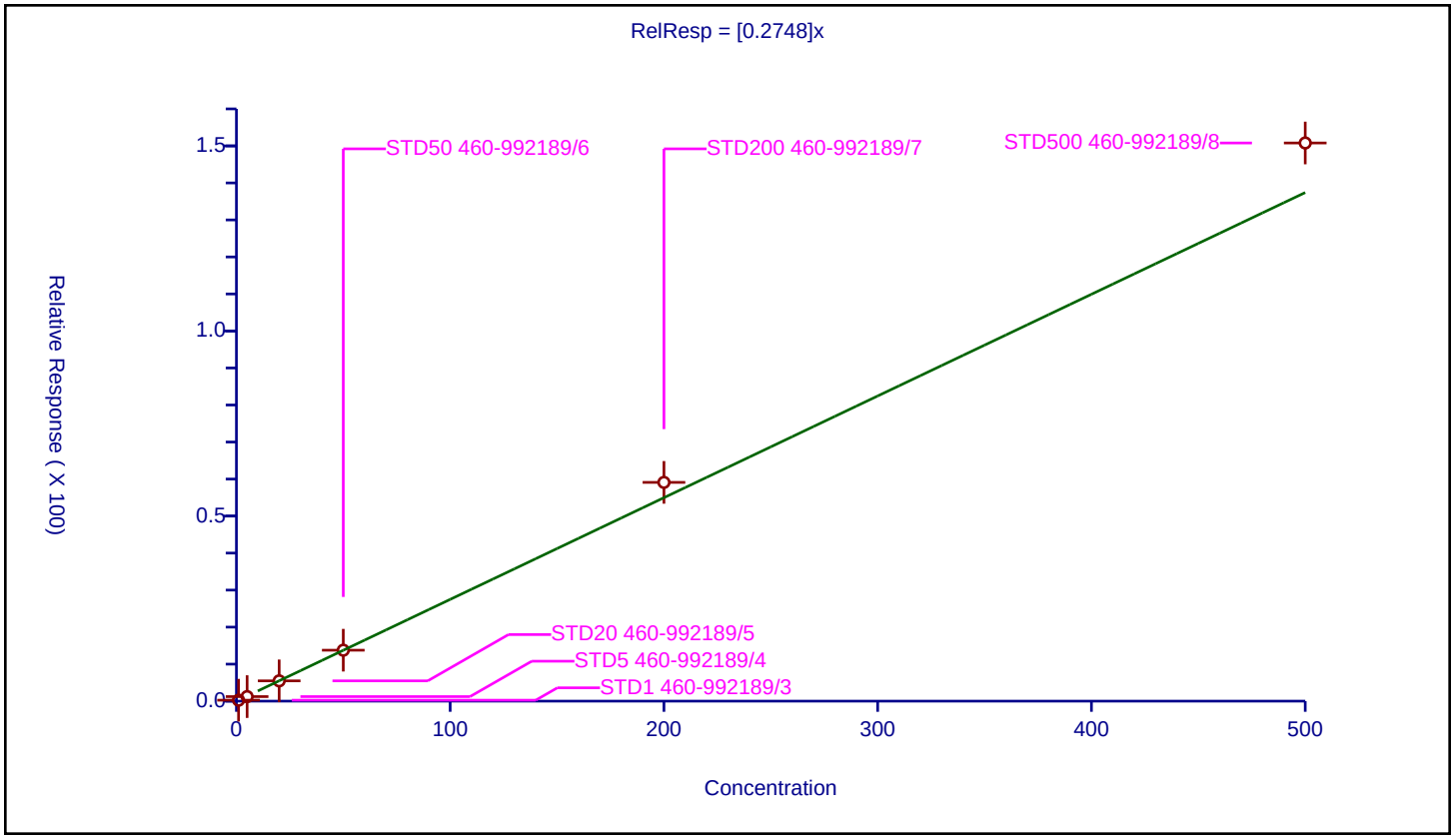
Curve Coefficients

Intercept:	0
Slope:	0.2748

Error Coefficients

Relative Standard Deviation:	7.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0	0.256907	50.0	425056.0	0.256907	Y
2	STD5 460-992189/4	5.0	1.227993	50.0	413276.0	0.245599	Y
3	STD20 460-992189/5	20.0	5.481031	50.0	422457.0	0.274052	Y
4	STD50 460-992189/6	50.0	13.758678	50.0	453452.0	0.275174	Y
5	STD200 460-992189/7	200.0	59.097166	50.0	480930.0	0.295486	Y
6	STD500 460-992189/8	500.0	150.792252	50.0	484631.0	0.301585	Y



Calibration / Ethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

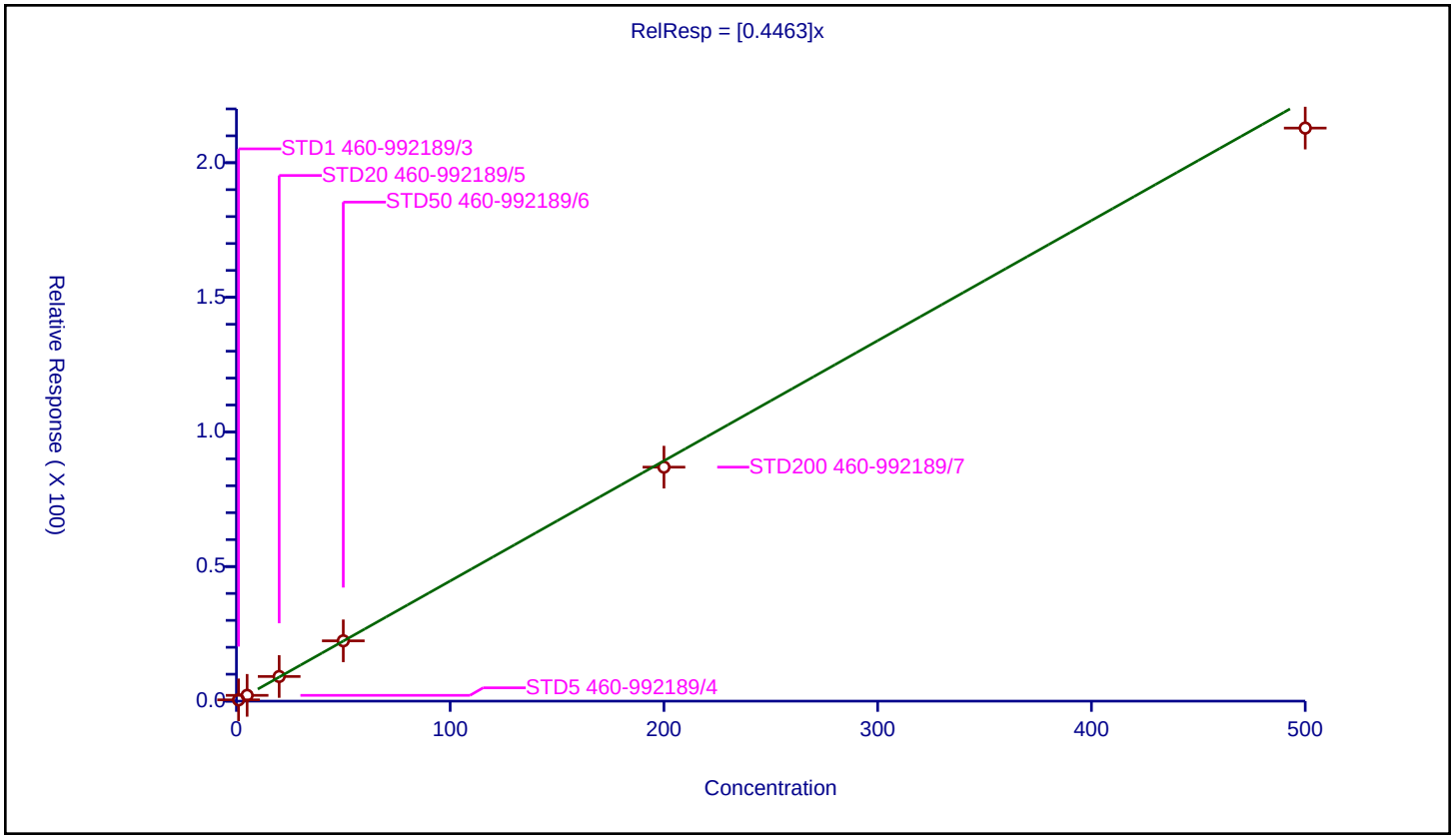
Curve Coefficients

Intercept:	0
Slope:	0.4463

Error Coefficients

Relative Standard Deviation:	4.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0	0.481113	50.0	425056.0	0.481113	Y
2	STD5 460-992189/4	5.0	2.152799	50.0	413276.0	0.43056	Y
3	STD20 460-992189/5	20.0	9.158565	50.0	422457.0	0.457928	Y
4	STD50 460-992189/6	50.0	22.406561	50.0	453452.0	0.448131	Y
5	STD200 460-992189/7	200.0	86.917119	50.0	480930.0	0.434586	Y
6	STD500 460-992189/8	500.0	212.873815	50.0	484631.0	0.425748	Y



Calibration / m-Xylene & p-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

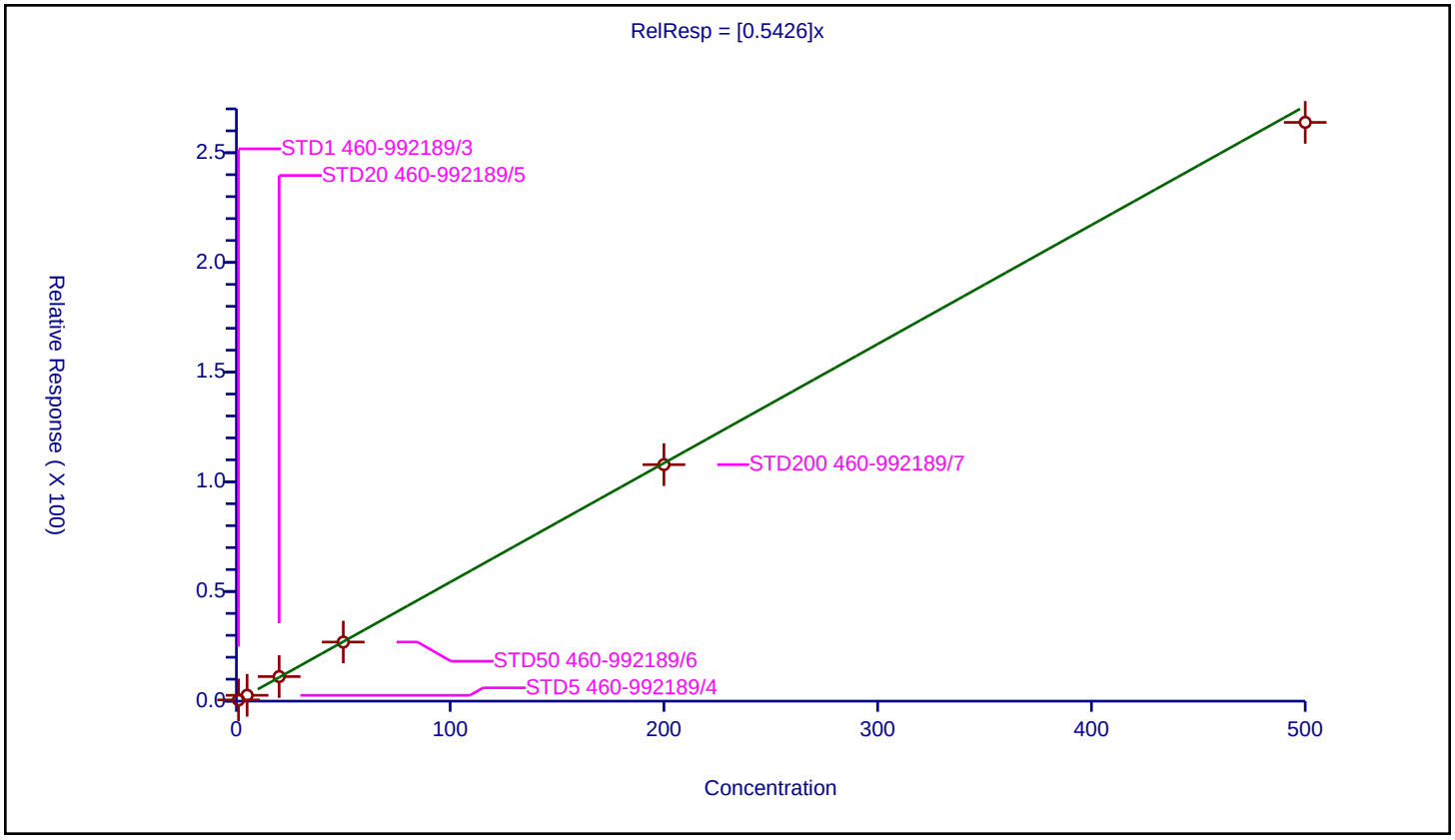
Curve Coefficients

Intercept:	0
Slope:	0.5426

Error Coefficients

Relative Standard Deviation:	2.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0	0.557338	50.0	425056.0	0.557338	Y
2	STD5 460-992189/4	5.0	2.662506	50.0	413276.0	0.532501	Y
3	STD20 460-992189/5	20.0	11.205401	50.0	422457.0	0.56027	Y
4	STD50 460-992189/6	50.0	26.936148	50.0	453452.0	0.538723	Y
5	STD200 460-992189/7	200.0	107.820473	50.0	480930.0	0.539102	Y
6	STD500 460-992189/8	500.0	263.846308	50.0	484631.0	0.527693	Y



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Calibration / o-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

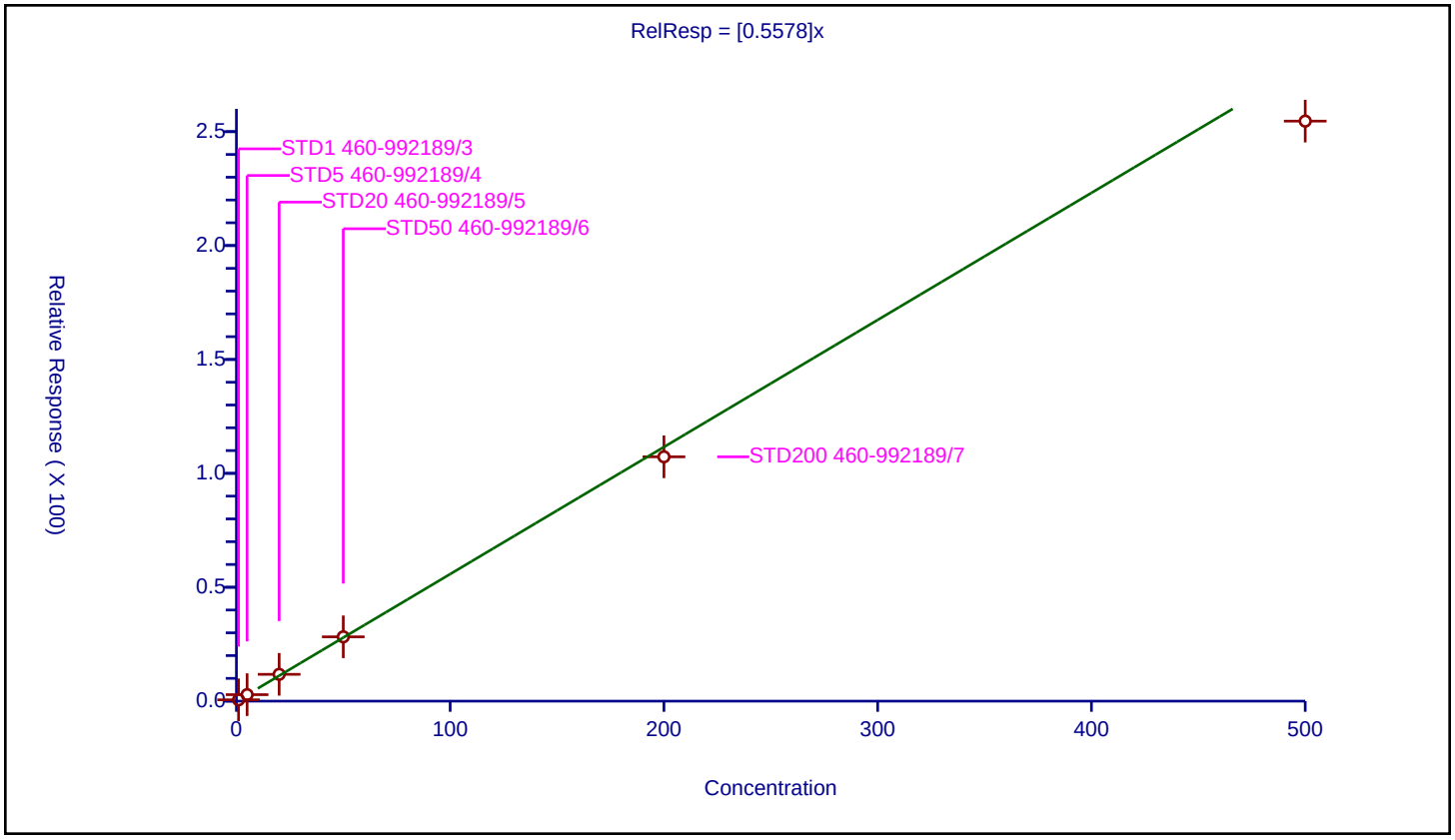
Curve Coefficients

Intercept:	0
Slope:	0.5578

Error Coefficients

Relative Standard Deviation:	5.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0	0.578277	50.0	425056.0	0.578277	Y
2	STD5 460-992189/4	5.0	2.849065	50.0	413276.0	0.569813	Y
3	STD20 460-992189/5	20.0	11.773506	50.0	422457.0	0.588675	Y
4	STD50 460-992189/6	50.0	28.235954	50.0	453452.0	0.564719	Y
5	STD200 460-992189/7	200.0	107.262491	50.0	480930.0	0.536312	Y
6	STD500 460-992189/8	500.0	254.631152	50.0	484631.0	0.509262	Y



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Calibration / Styrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

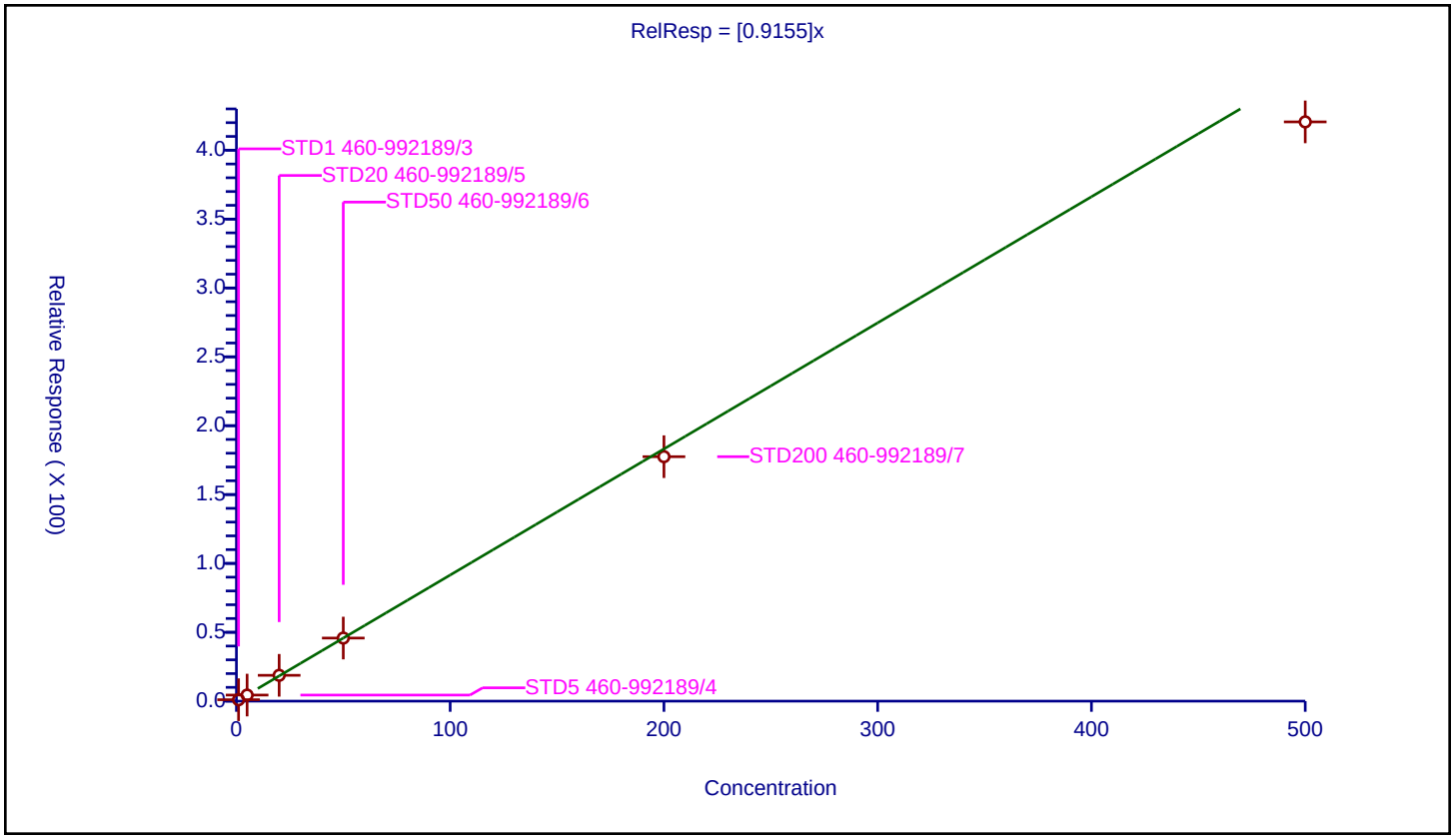
Curve Coefficients

Intercept:	0
Slope:	0.9155

Error Coefficients

Relative Standard Deviation:	7.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0	1.029864	50.0	425056.0	1.029864	Y
2	STD5 460-992189/4	5.0	4.408918	50.0	413276.0	0.881784	Y
3	STD20 460-992189/5	20.0	18.740487	50.0	422457.0	0.937024	Y
4	STD50 460-992189/6	50.0	45.793601	50.0	453452.0	0.915872	Y
5	STD200 460-992189/7	200.0	177.487576	50.0	480930.0	0.887438	Y
6	STD500 460-992189/8	500.0	420.556361	50.0	484631.0	0.841113	Y



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Calibration / n-Butyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

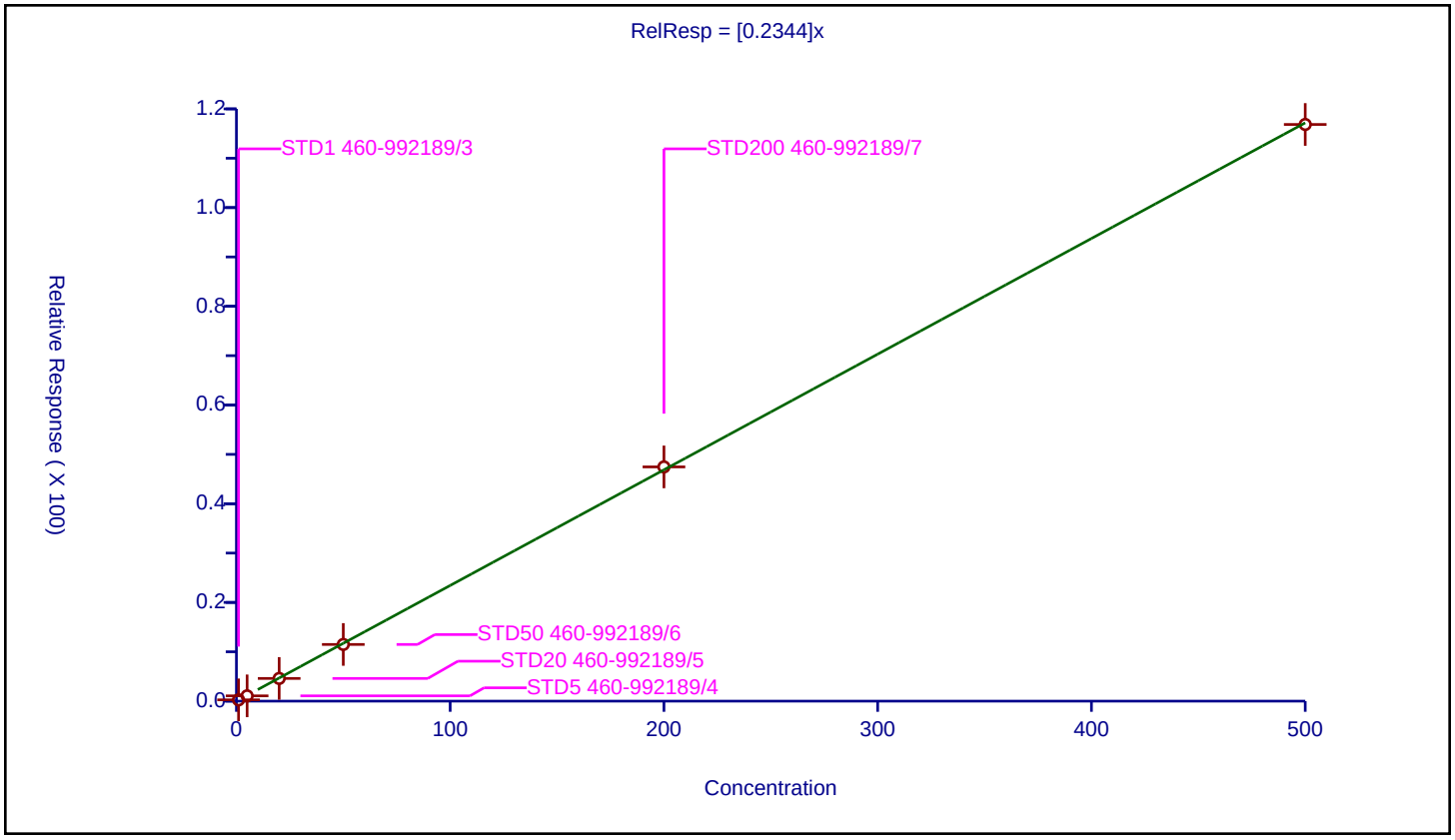
Curve Coefficients

Intercept:	0
Slope:	0.2344

Error Coefficients

Relative Standard Deviation:	6.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0	0.261377	50.0	425056.0	0.261377	Y
2	STD5 460-992189/4	5.0	1.070108	50.0	413276.0	0.214022	Y
3	STD20 460-992189/5	20.0	4.59893	50.0	422457.0	0.229946	Y
4	STD50 460-992189/6	50.0	11.488537	50.0	453452.0	0.229771	Y
5	STD200 460-992189/7	200.0	47.460857	50.0	480930.0	0.237304	Y
6	STD500 460-992189/8	500.0	116.841989	50.0	484631.0	0.233684	Y



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Calibration / Bromoform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

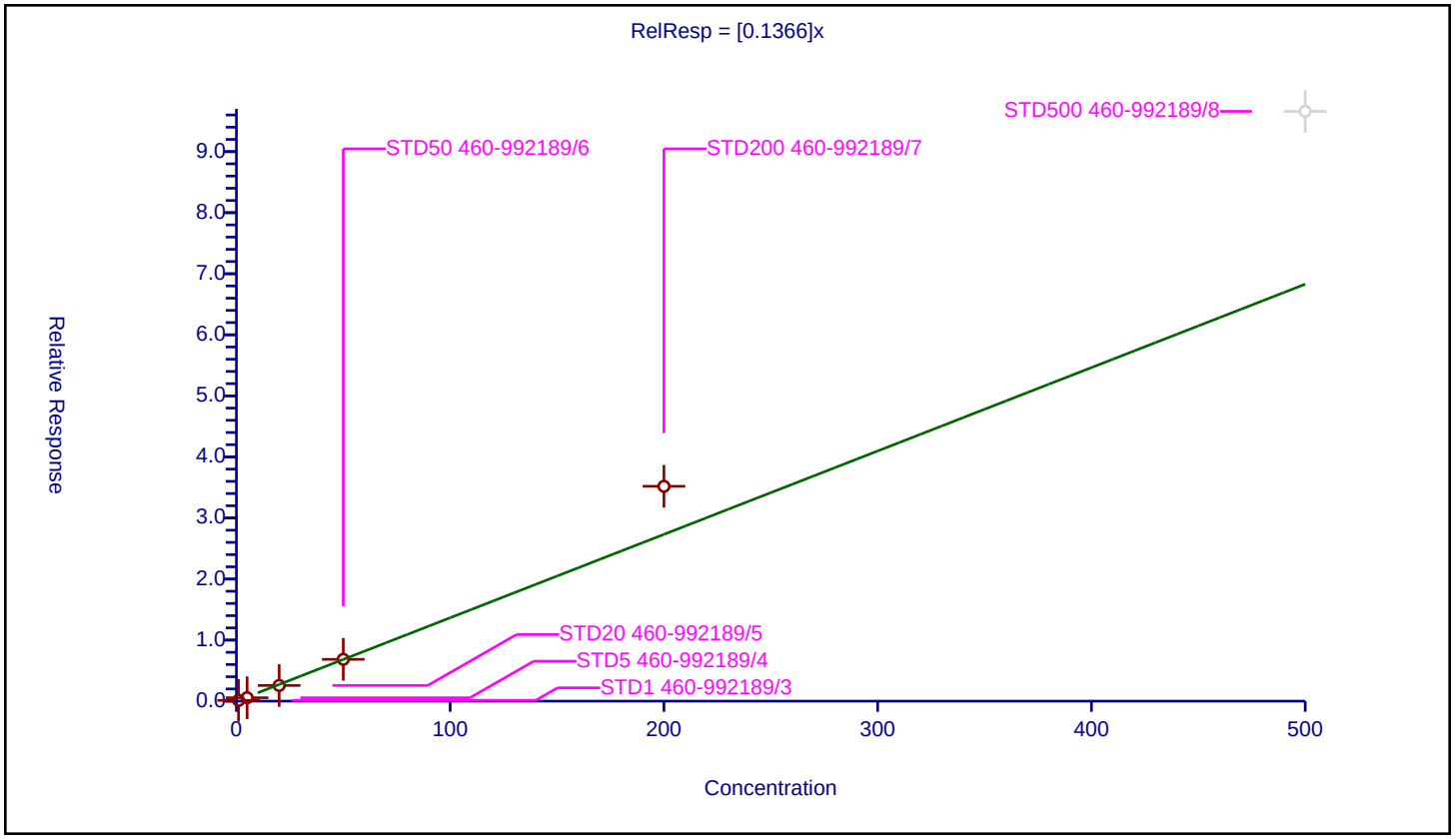
Curve Coefficients

Intercept:	0
Slope:	0.1366

Error Coefficients

Relative Standard Deviation:	17.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0	0.129983	50.0	425056.0	0.129983	Y
2	STD5 460-992189/4	5.0	0.557981	50.0	413276.0	0.111596	Y
3	STD20 460-992189/5	20.0	2.569137	50.0	422457.0	0.128457	Y
4	STD50 460-992189/6	50.0	6.844605	50.0	453452.0	0.136892	Y
5	STD200 460-992189/7	200.0	35.189737	50.0	480930.0	0.175949	Y
6	STD500 460-992189/8	500.0	96.59607	50.0	484631.0	0.193192	N



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Calibration / Amyl acetate (mixed isomers)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

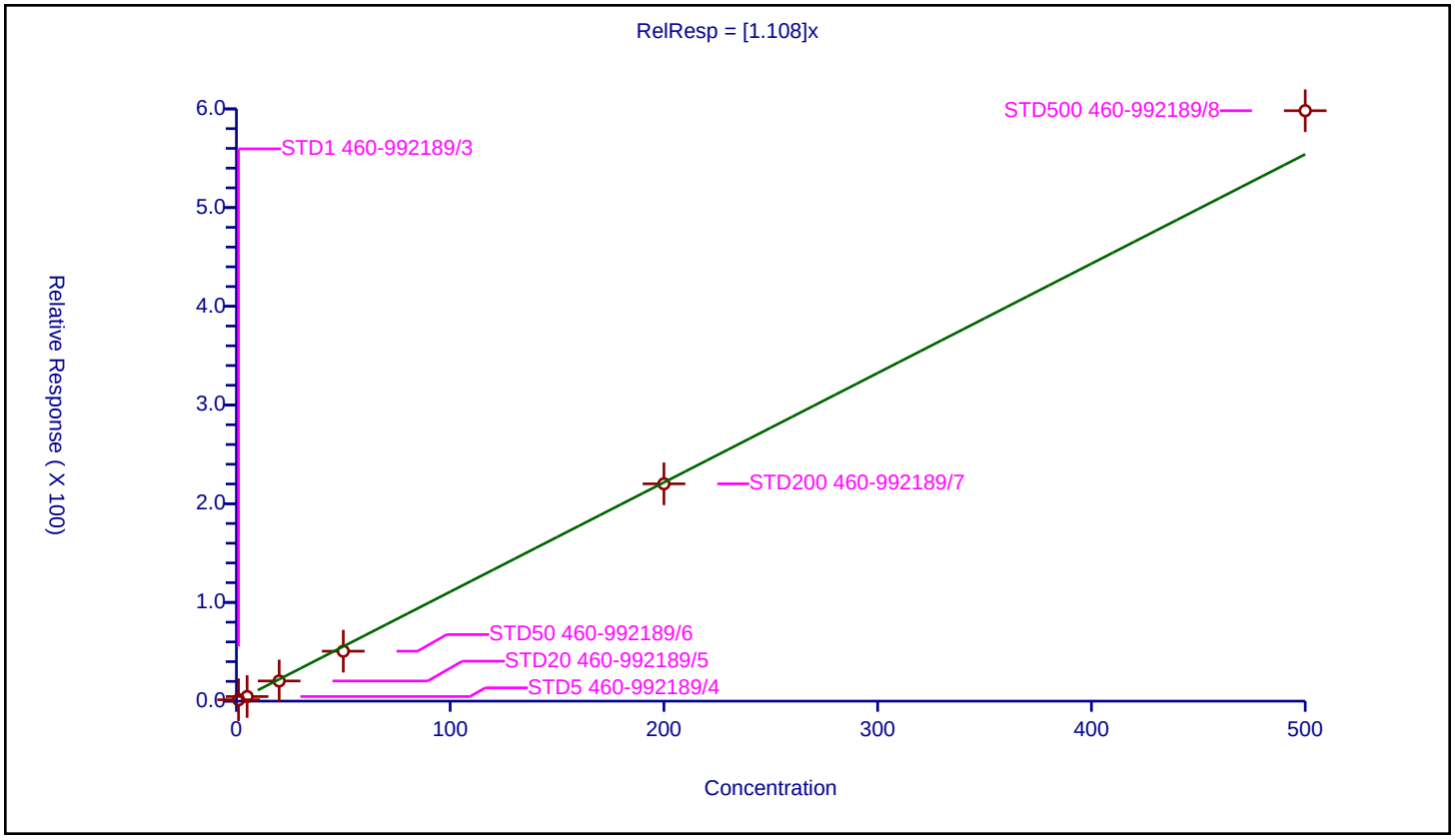
Curve Coefficients

Intercept:	0
Slope:	1.108

Error Coefficients

Relative Standard Deviation:	14.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0	1.387589	50.0	240345.0	1.387589	Y
2	STD5 460-992189/4	5.0	4.648218	50.0	232971.0	0.929644	Y
3	STD20 460-992189/5	20.0	20.438998	50.0	229500.0	1.02195	Y
4	STD50 460-992189/6	50.0	50.593178	50.0	237534.0	1.011864	Y
5	STD200 460-992189/7	200.0	220.163038	50.0	237613.0	1.100815	Y
6	STD500 460-992189/8	500.0	598.158467	50.0	220550.0	1.196317	Y



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Calibration / Isopropylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

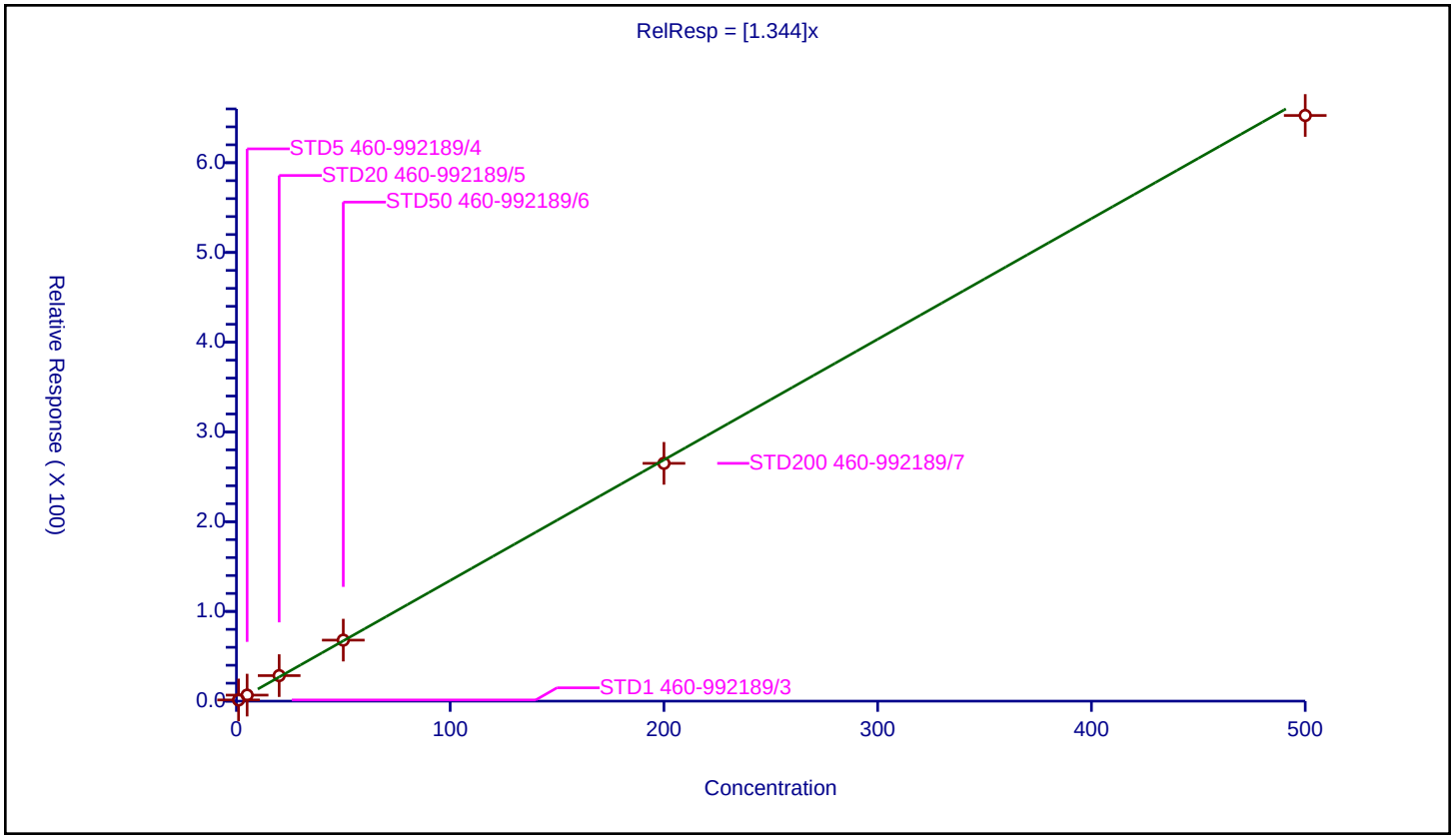
Curve Coefficients

Intercept:	0
Slope:	1.344

Error Coefficients

Relative Standard Deviation:	3.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0	1.309357	50.0	425056.0	1.309357	Y
2	STD5 460-992189/4	5.0	6.723594	50.0	413276.0	1.344719	Y
3	STD20 460-992189/5	20.0	28.434373	50.0	422457.0	1.421719	Y
4	STD50 460-992189/6	50.0	67.992643	50.0	453452.0	1.359853	Y
5	STD200 460-992189/7	200.0	265.004886	50.0	480930.0	1.325024	Y
6	STD500 460-992189/8	500.0	652.65697	50.0	484631.0	1.305314	Y



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Calibration / 4-Bromofluorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

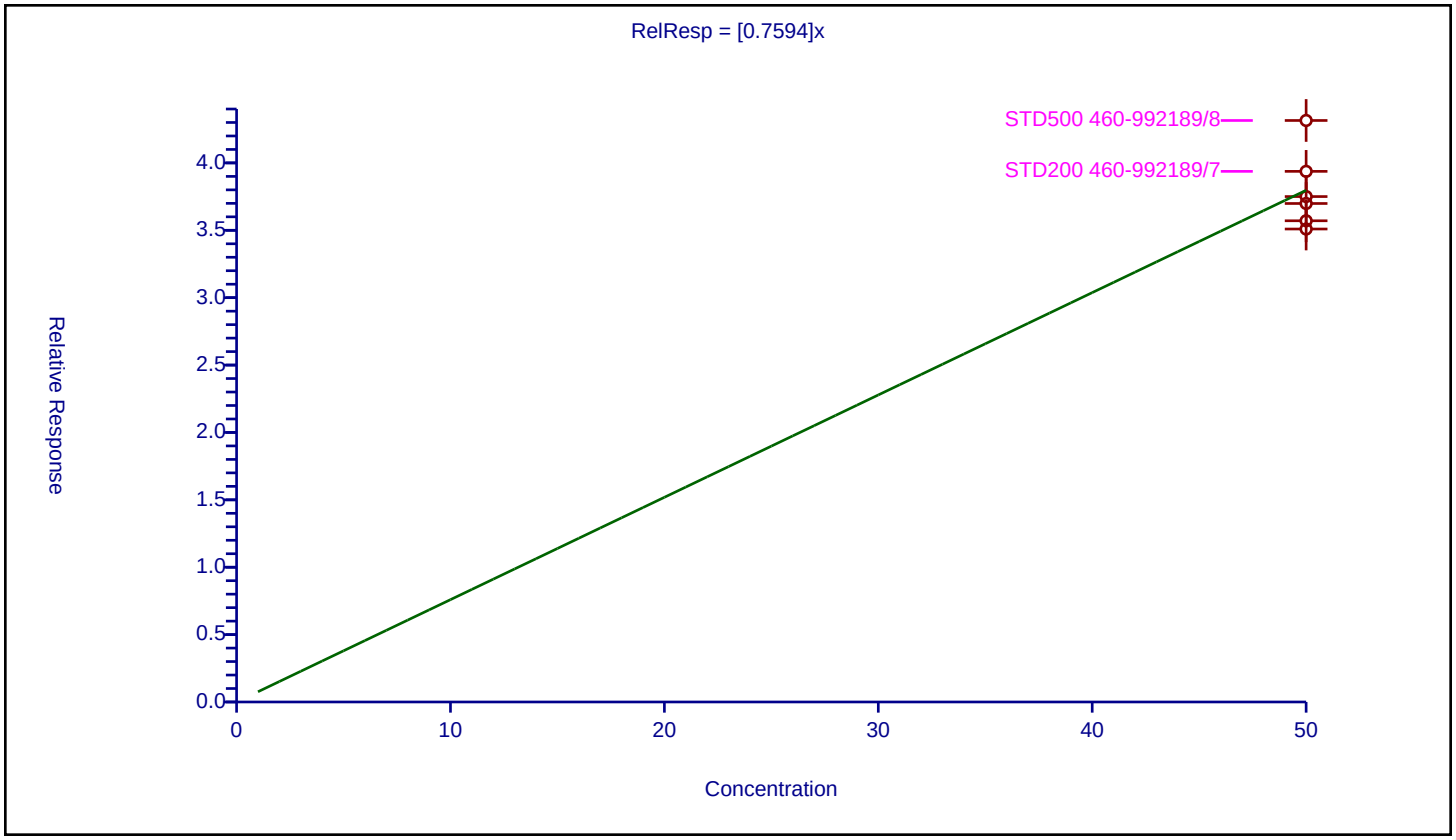
Curve Coefficients

Intercept:	0
Slope:	0.7594

Error Coefficients

Relative Standard Deviation:	7.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	50.0	35.094968	50.0	240345.0	0.701899	Y
2	STD5 460-992189/4	50.0	35.706161	50.0	232971.0	0.714123	Y
3	STD20 460-992189/5	50.0	36.988453	50.0	229500.0	0.739769	Y
4	STD50 460-992189/6	50.0	37.503894	50.0	237534.0	0.750078	Y
5	STD200 460-992189/7	50.0	39.373898	50.0	237613.0	0.787478	Y
6	STD500 460-992189/8	50.0	43.148946	50.0	220550.0	0.862979	Y



Calibration / Bromobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

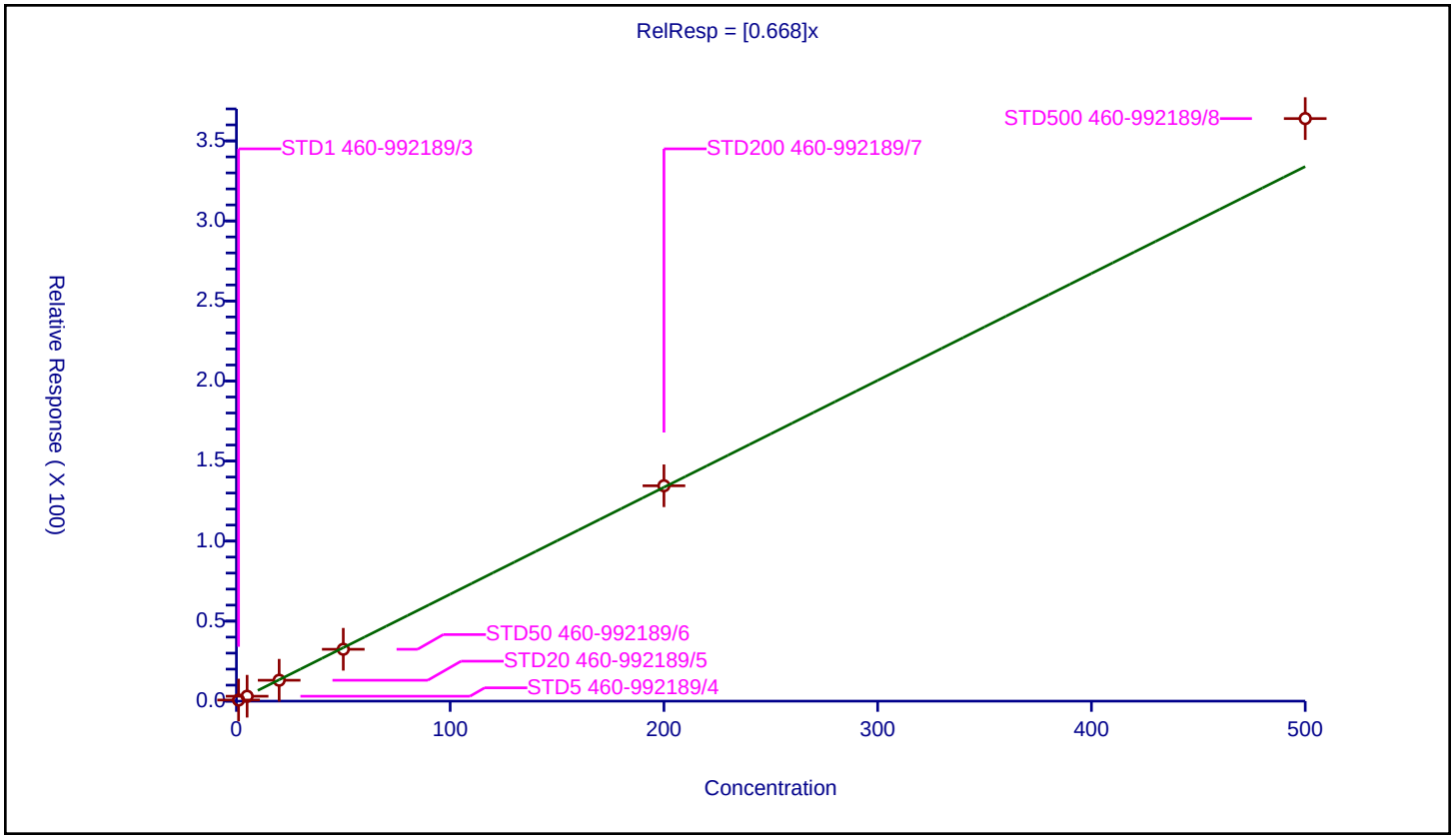
Curve Coefficients

Intercept:	0
Slope:	0.668

Error Coefficients

Relative Standard Deviation:	5.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0	0.691714	50.0	240345.0	0.691714	Y
2	STD5 460-992189/4	5.0	3.073129	50.0	232971.0	0.614626	Y
3	STD20 460-992189/5	20.0	13.052941	50.0	229500.0	0.652647	Y
4	STD50 460-992189/6	50.0	32.405256	50.0	237534.0	0.648105	Y
5	STD200 460-992189/7	200.0	134.547773	50.0	237613.0	0.672739	Y
6	STD500 460-992189/8	500.0	363.936976	50.0	220550.0	0.727874	Y



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Calibration / 1,1,2,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

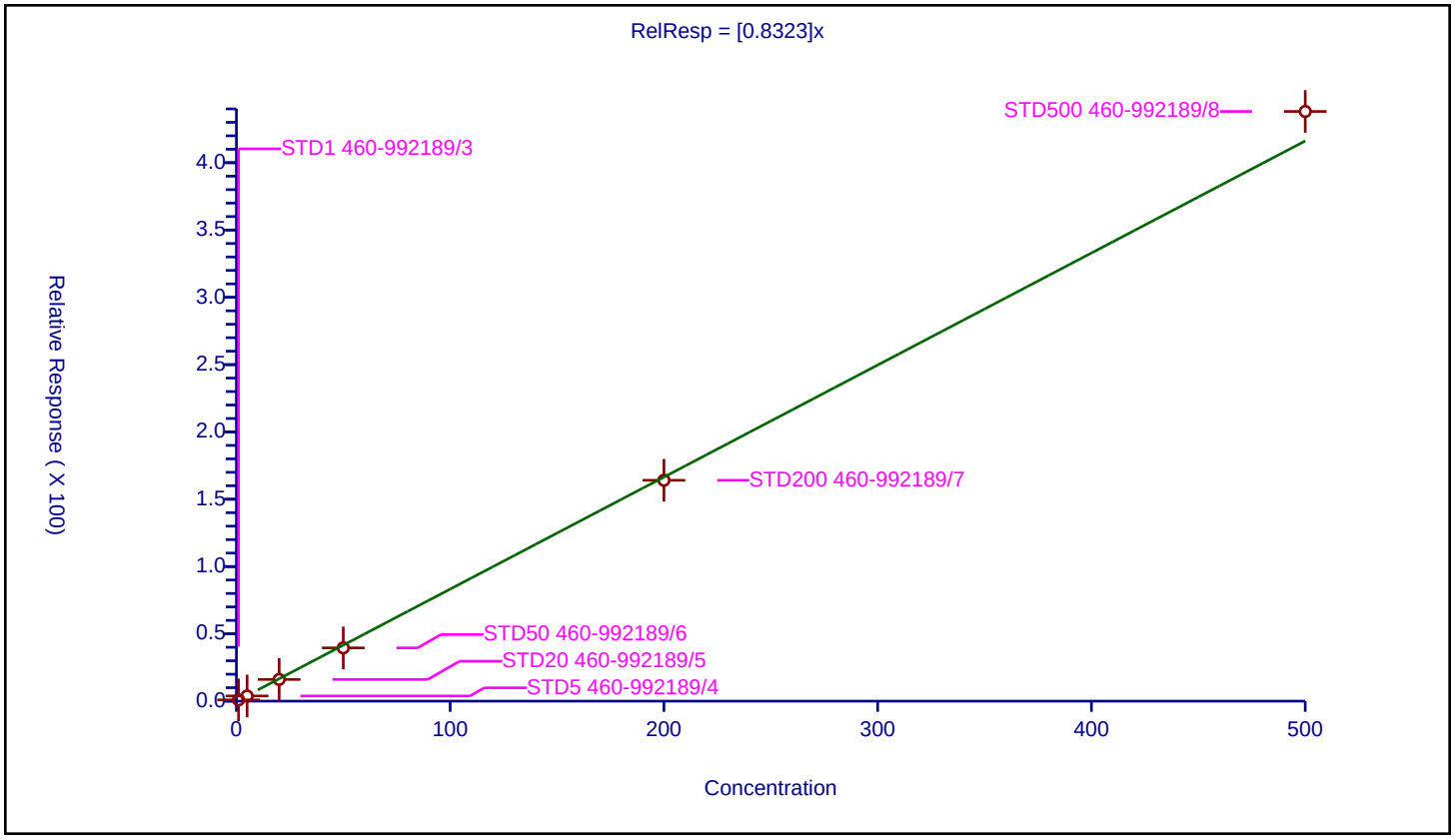
Curve Coefficients

Intercept:	0
Slope:	0.8323

Error Coefficients

Relative Standard Deviation:	7.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0	0.929081	50.0	240345.0	0.929081	Y
2	STD5 460-992189/4	5.0	3.85563	50.0	232971.0	0.771126	Y
3	STD20 460-992189/5	20.0	16.115033	50.0	229500.0	0.805752	Y
4	STD50 460-992189/6	50.0	39.572019	50.0	237534.0	0.79144	Y
5	STD200 460-992189/7	200.0	164.094557	50.0	237613.0	0.820473	Y
6	STD500 460-992189/8	500.0	438.090229	50.0	220550.0	0.87618	Y



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Calibration / 1,2,3-Trichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

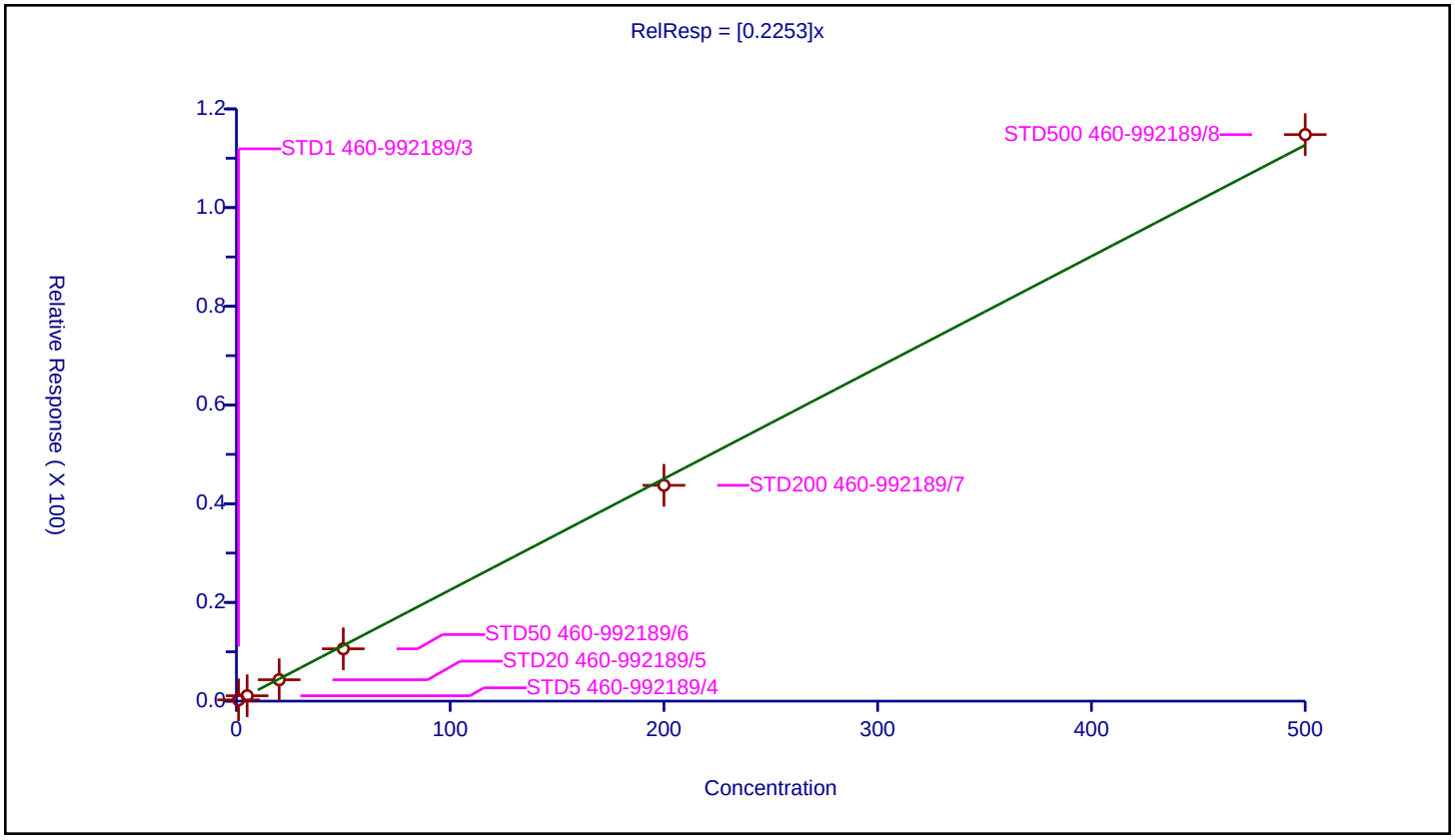
Curve Coefficients

Intercept:	0
Slope:	0.2253

Error Coefficients

Relative Standard Deviation:	7.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0	0.256714	50.0	240345.0	0.256714	Y
2	STD5 460-992189/4	5.0	1.091767	50.0	232971.0	0.218353	Y
3	STD20 460-992189/5	20.0	4.334641	50.0	229500.0	0.216732	Y
4	STD50 460-992189/6	50.0	10.601851	50.0	237534.0	0.212037	Y
5	STD200 460-992189/7	200.0	43.729931	50.0	237613.0	0.21865	Y
6	STD500 460-992189/8	500.0	114.786443	50.0	220550.0	0.229573	Y



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Calibration / trans-1,4-Dichloro-2-butene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

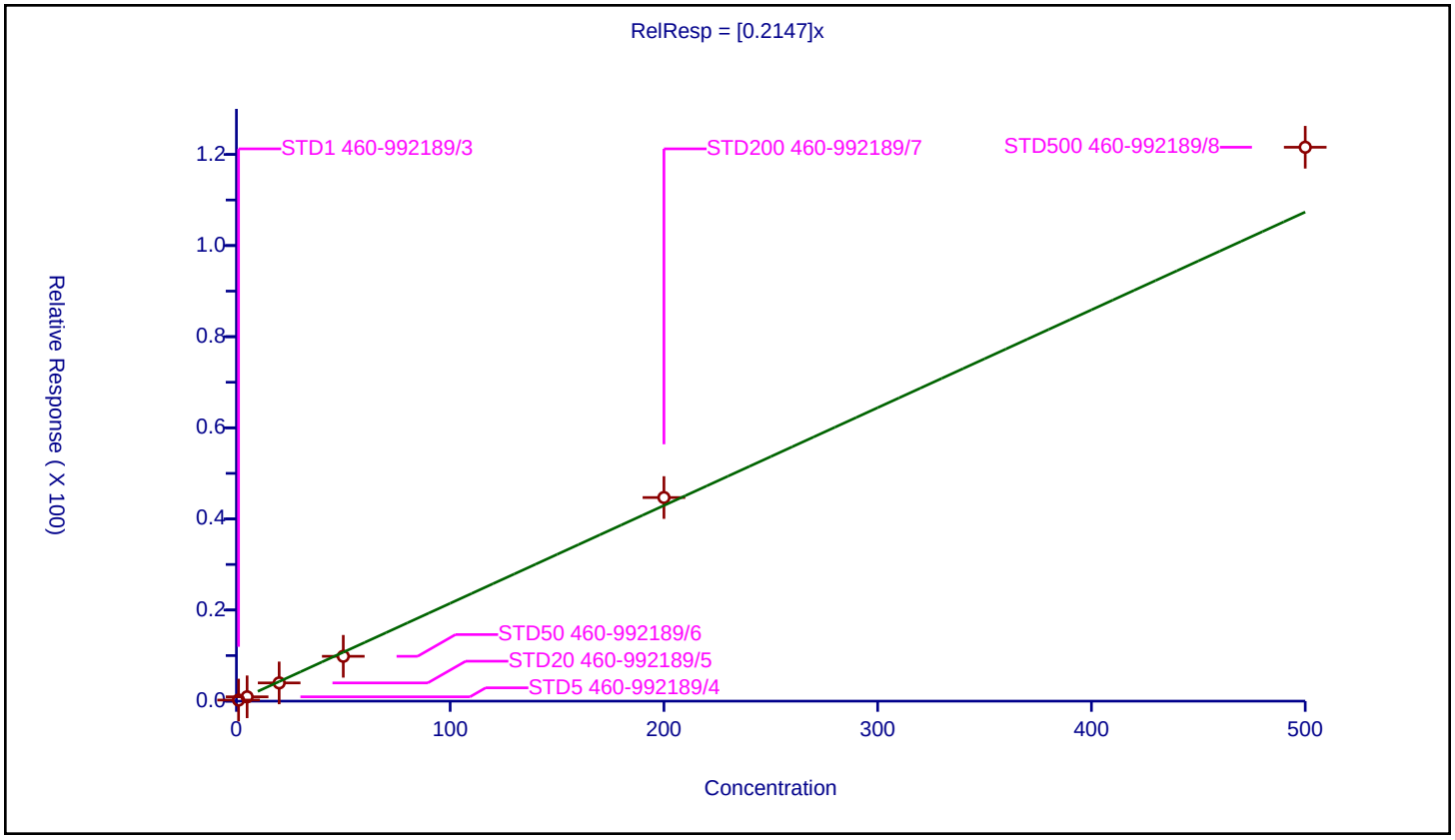
Curve Coefficients

Intercept:	0
Slope:	0.2147

Error Coefficients

Relative Standard Deviation:	10.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0	0.234871	50.0	240345.0	0.234871	Y
2	STD5 460-992189/4	5.0	0.949904	50.0	232971.0	0.189981	Y
3	STD20 460-992189/5	20.0	3.998911	50.0	229500.0	0.199946	Y
4	STD50 460-992189/6	50.0	9.844275	50.0	237534.0	0.196885	Y
5	STD200 460-992189/7	200.0	44.690105	50.0	237613.0	0.223451	Y
6	STD500 460-992189/8	500.0	121.579234	50.0	220550.0	0.243158	Y



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Calibration / N-Propylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

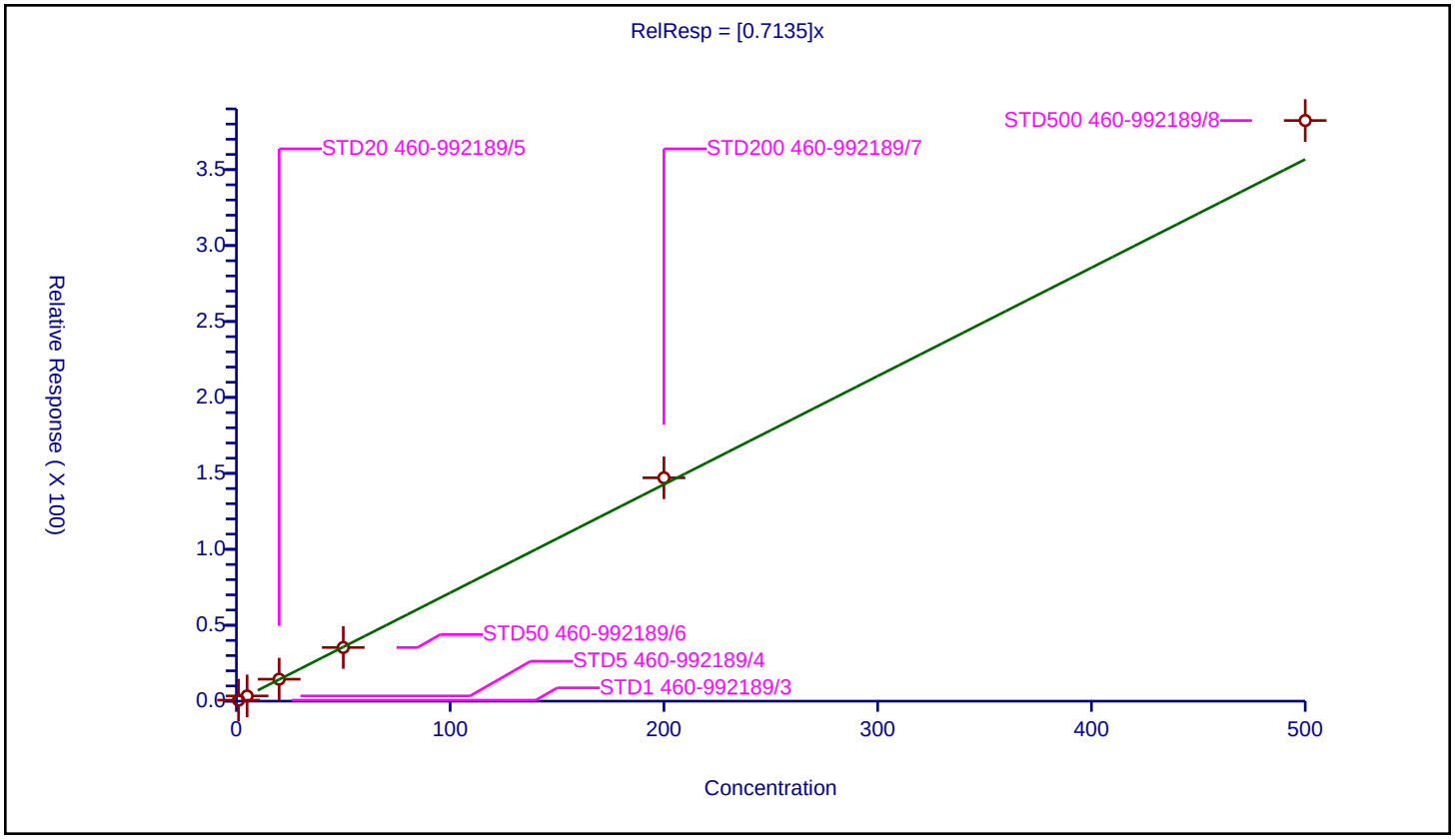
Curve Coefficients

Intercept:	0
Slope:	0.7135

Error Coefficients

Relative Standard Deviation:	5.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0	0.66571	50.0	240345.0	0.66571	Y
2	STD5 460-992189/4	5.0	3.428753	50.0	232971.0	0.685751	Y
3	STD20 460-992189/5	20.0	14.461874	50.0	229500.0	0.723094	Y
4	STD50 460-992189/6	50.0	35.333679	50.0	237534.0	0.706674	Y
5	STD200 460-992189/7	200.0	147.070236	50.0	237613.0	0.735351	Y
6	STD500 460-992189/8	500.0	382.336205	50.0	220550.0	0.764672	Y



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Calibration / 2-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

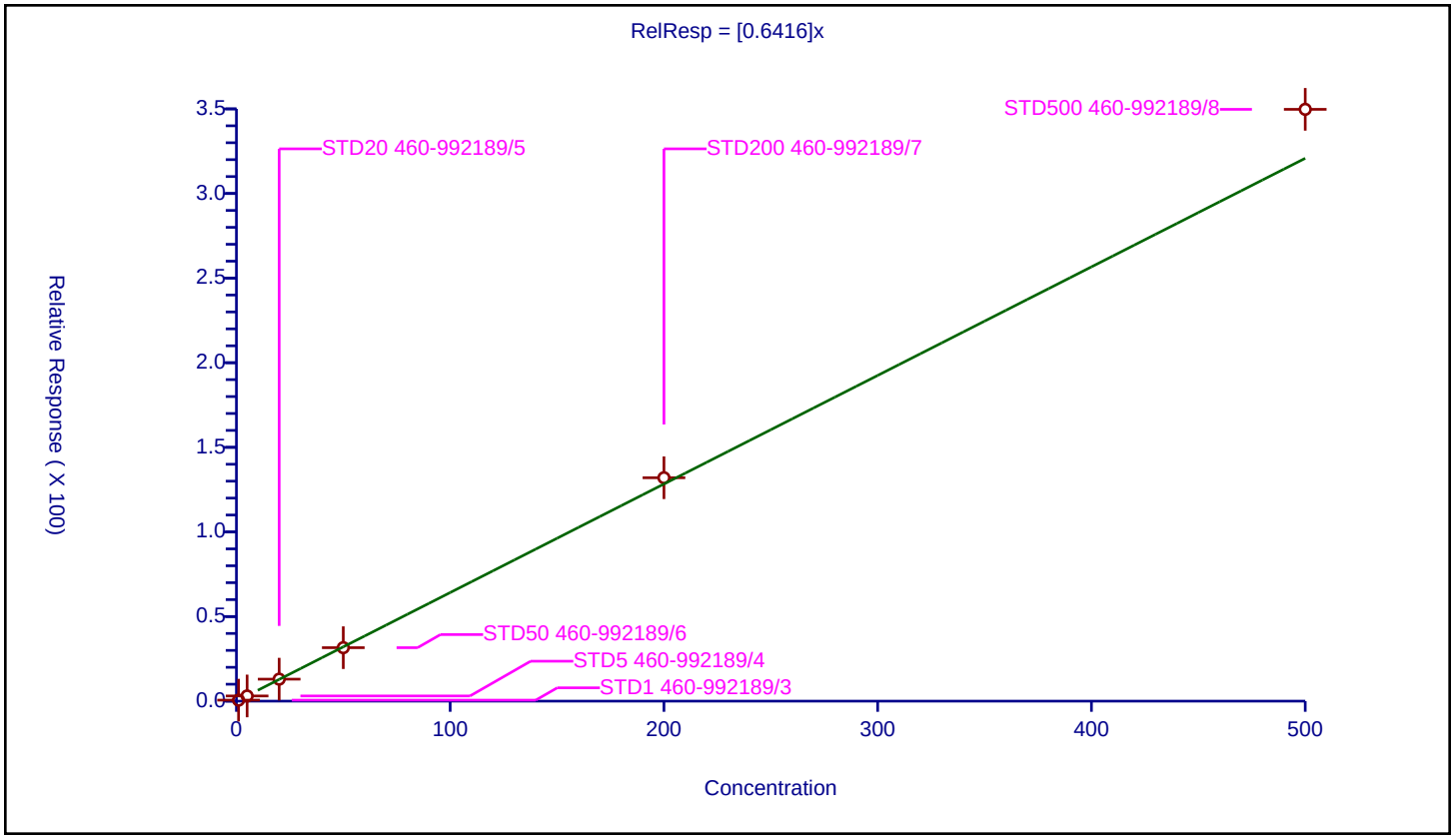
Curve Coefficients

Intercept:	0
Slope:	0.6416

Error Coefficients

Relative Standard Deviation:	5.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0	0.596018	50.0	240345.0	0.596018	Y
2	STD5 460-992189/4	5.0	3.062184	50.0	232971.0	0.612437	Y
3	STD20 460-992189/5	20.0	12.993028	50.0	229500.0	0.649651	Y
4	STD50 460-992189/6	50.0	31.59695	50.0	237534.0	0.631939	Y
5	STD200 460-992189/7	200.0	132.024132	50.0	237613.0	0.660121	Y
6	STD500 460-992189/8	500.0	349.738155	50.0	220550.0	0.699476	Y



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Calibration / 4-Ethyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

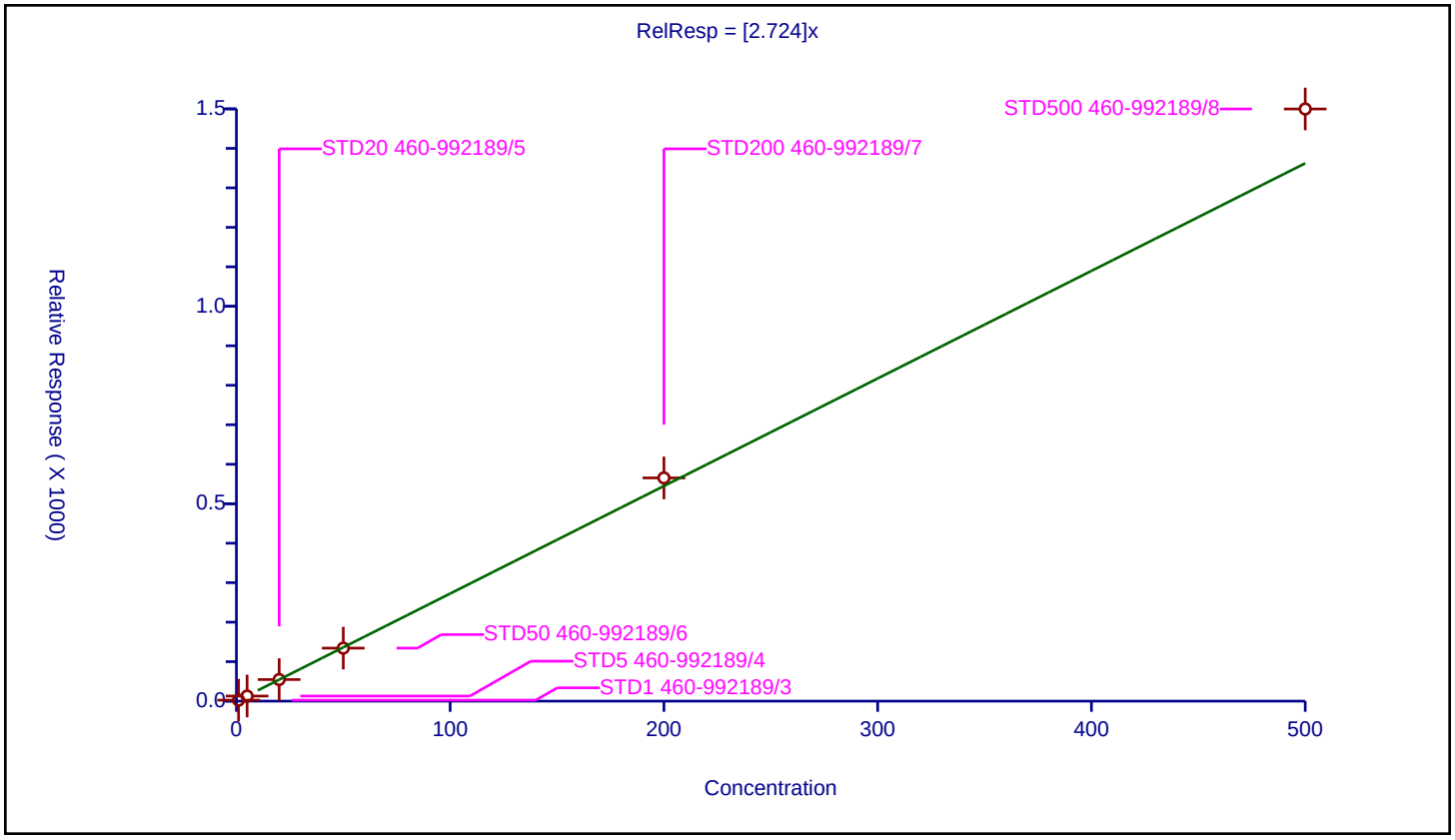
Curve Coefficients

Intercept:	0
Slope:	2.724

Error Coefficients

Relative Standard Deviation:	6.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0	2.516591	50.0	240345.0	2.516591	Y
2	STD5 460-992189/4	5.0	12.912337	50.0	232971.0	2.582467	Y
3	STD20 460-992189/5	20.0	54.703486	50.0	229500.0	2.735174	Y
4	STD50 460-992189/6	50.0	134.255096	50.0	237534.0	2.685102	Y
5	STD200 460-992189/7	200.0	565.408248	50.0	237613.0	2.827041	Y
6	STD500 460-992189/8	500.0	1499.736341	50.0	220550.0	2.999473	Y



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Calibration / 4-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

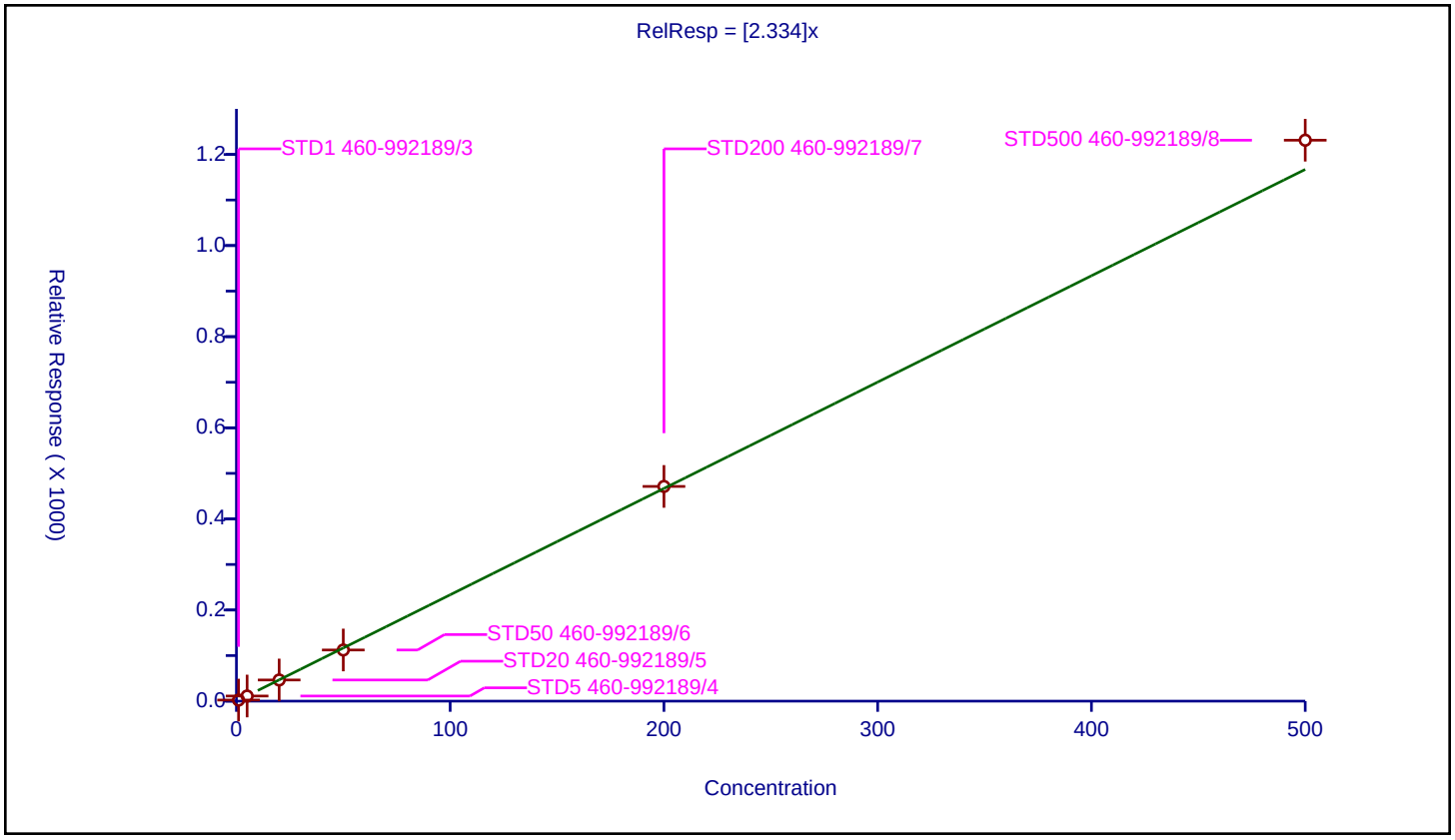
Curve Coefficients

Intercept:	0
Slope:	2.334

Error Coefficients

Relative Standard Deviation:	3.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0	2.366182	50.0	240345.0	2.366182	Y
2	STD5 460-992189/4	5.0	11.255693	50.0	232971.0	2.251139	Y
3	STD20 460-992189/5	20.0	46.466231	50.0	229500.0	2.323312	Y
4	STD50 460-992189/6	50.0	112.301607	50.0	237534.0	2.246032	Y
5	STD200 460-992189/7	200.0	471.281033	50.0	237613.0	2.356405	Y
6	STD500 460-992189/8	500.0	1231.27046	50.0	220550.0	2.462541	Y



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Calibration / 1,3,5-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

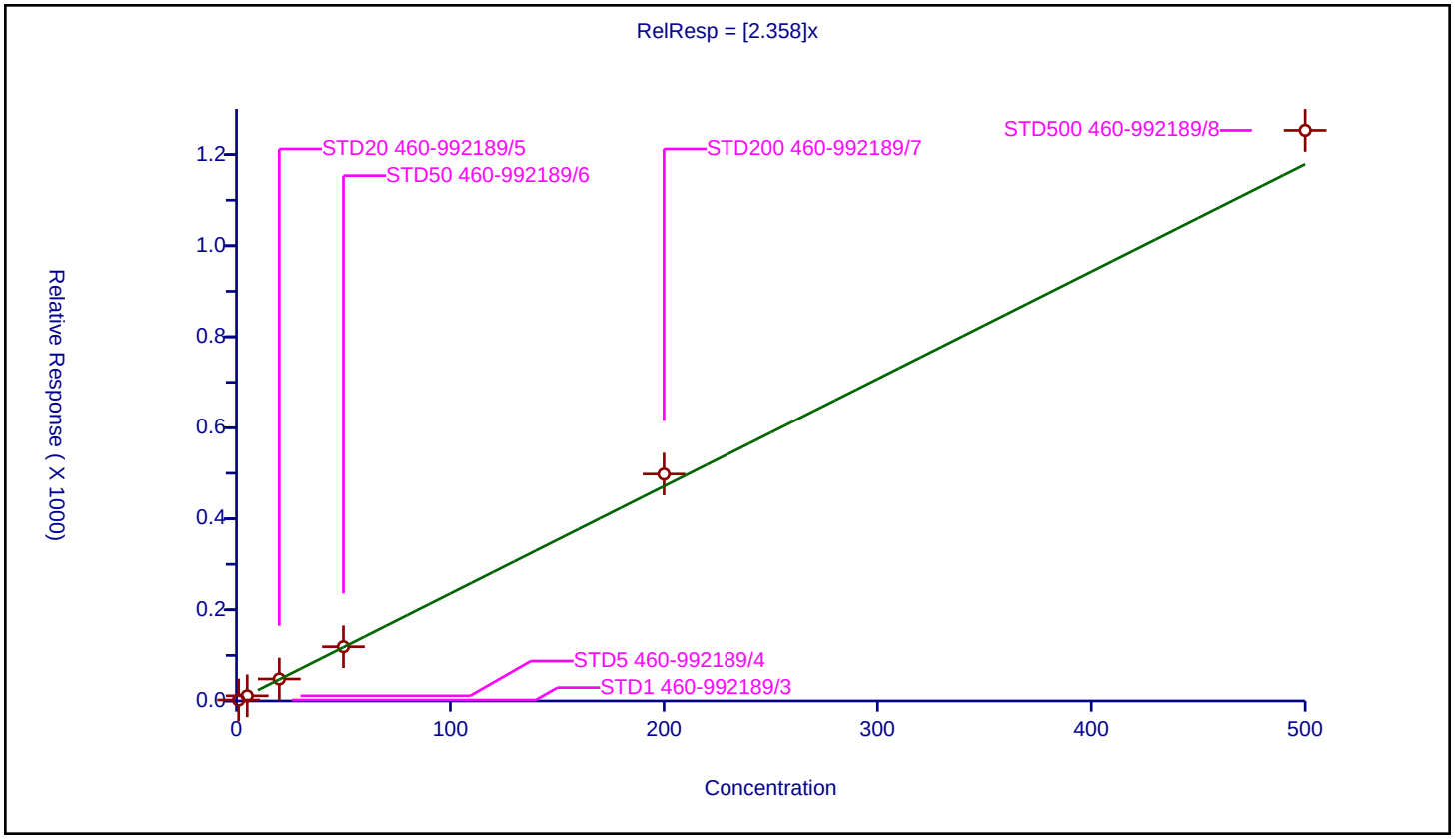
Curve Coefficients

Intercept:	0
Slope:	2.358

Error Coefficients

Relative Standard Deviation:	6.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0	2.107179	50.0	240345.0	2.107179	Y
2	STD5 460-992189/4	5.0	11.252259	50.0	232971.0	2.250452	Y
3	STD20 460-992189/5	20.0	48.230937	50.0	229500.0	2.411547	Y
4	STD50 460-992189/6	50.0	119.076427	50.0	237534.0	2.381529	Y
5	STD200 460-992189/7	200.0	498.164873	50.0	237613.0	2.490824	Y
6	STD500 460-992189/8	500.0	1253.014056	50.0	220550.0	2.506028	Y



Calibration / Butyl Methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

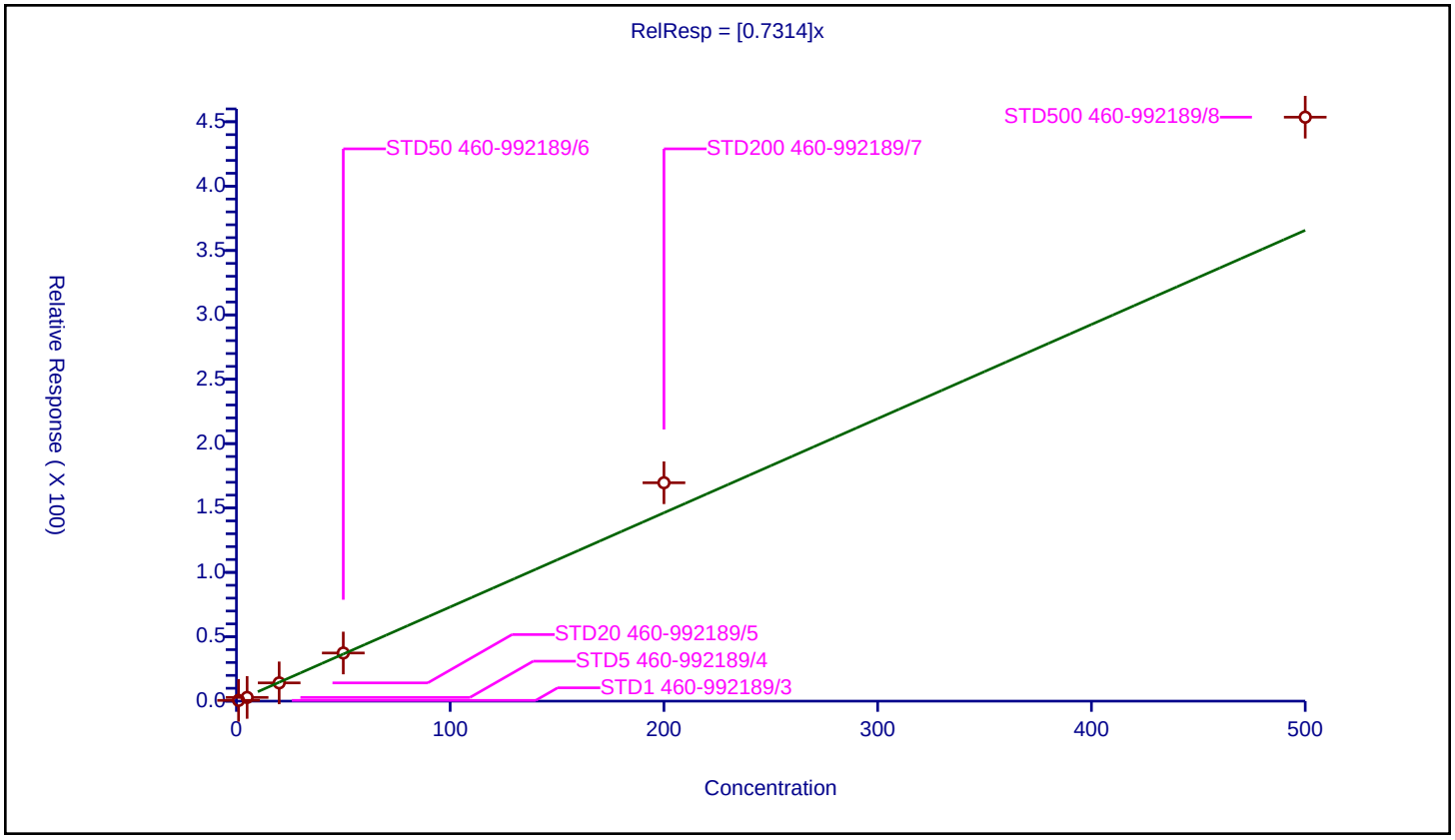
Curve Coefficients

Intercept:	0
Slope:	0.7314

Error Coefficients

Relative Standard Deviation:	18.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0	0.597891	50.0	240345.0	0.597891	Y
2	STD5 460-992189/4	5.0	2.892635	50.0	232971.0	0.578527	Y
3	STD20 460-992189/5	20.0	14.181699	50.0	229500.0	0.709085	Y
4	STD50 460-992189/6	50.0	37.382017	50.0	237534.0	0.74764	Y
5	STD200 460-992189/7	200.0	169.624768	50.0	237613.0	0.848124	Y
6	STD500 460-992189/8	500.0	453.563818	50.0	220550.0	0.907128	Y



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Calibration / tert-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

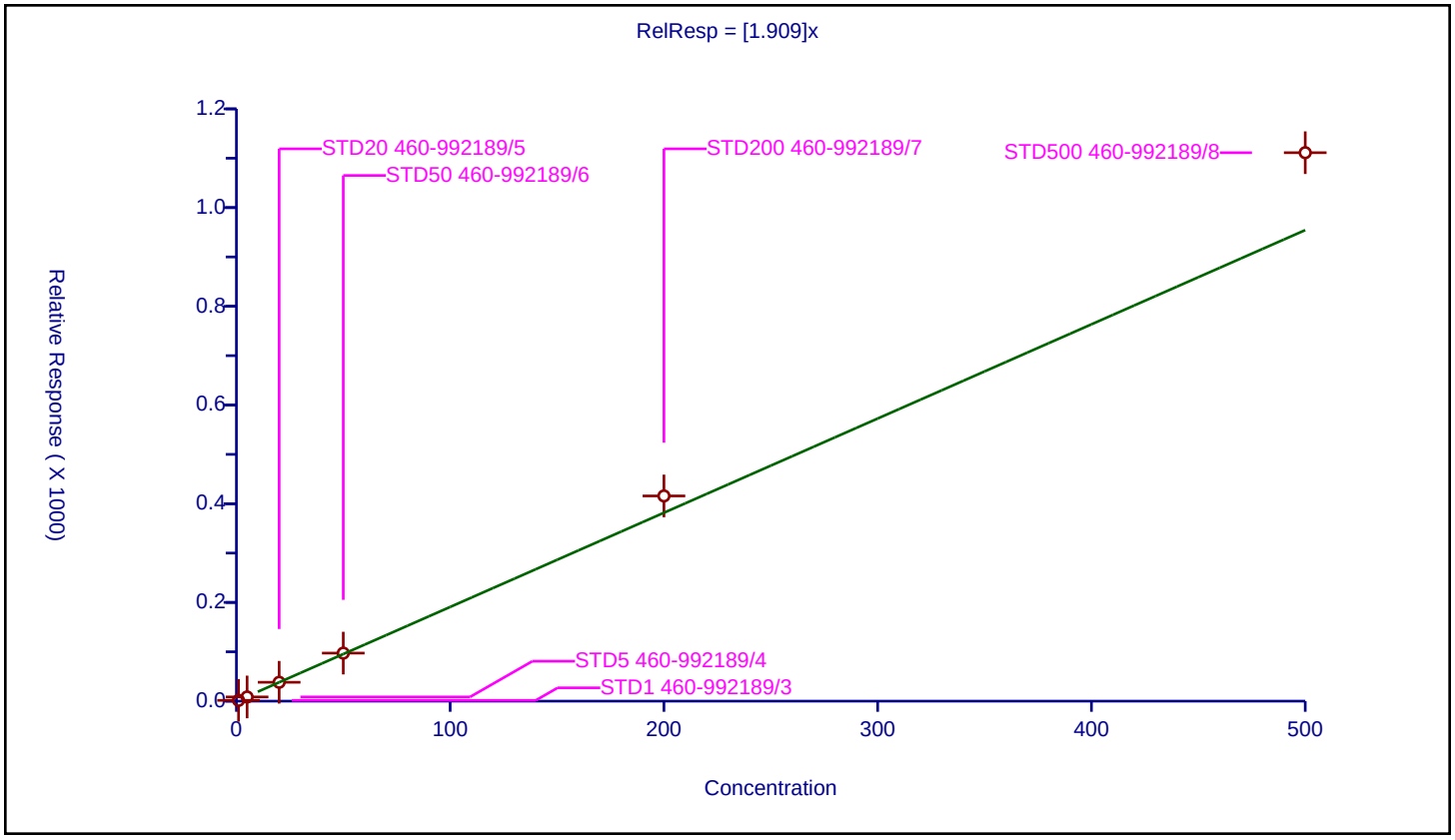
Curve Coefficients

Intercept:	0
Slope:	1.909

Error Coefficients

Relative Standard Deviation:	12.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0	1.593127	50.0	240345.0	1.593127	Y
2	STD5 460-992189/4	5.0	8.496766	50.0	232971.0	1.699353	Y
3	STD20 460-992189/5	20.0	38.238344	50.0	229500.0	1.911917	Y
4	STD50 460-992189/6	50.0	97.318068	50.0	237534.0	1.946361	Y
5	STD200 460-992189/7	200.0	415.800693	50.0	237613.0	2.079003	Y
6	STD500 460-992189/8	500.0	1111.235774	50.0	220550.0	2.222472	Y



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Calibration / 1,2,4-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

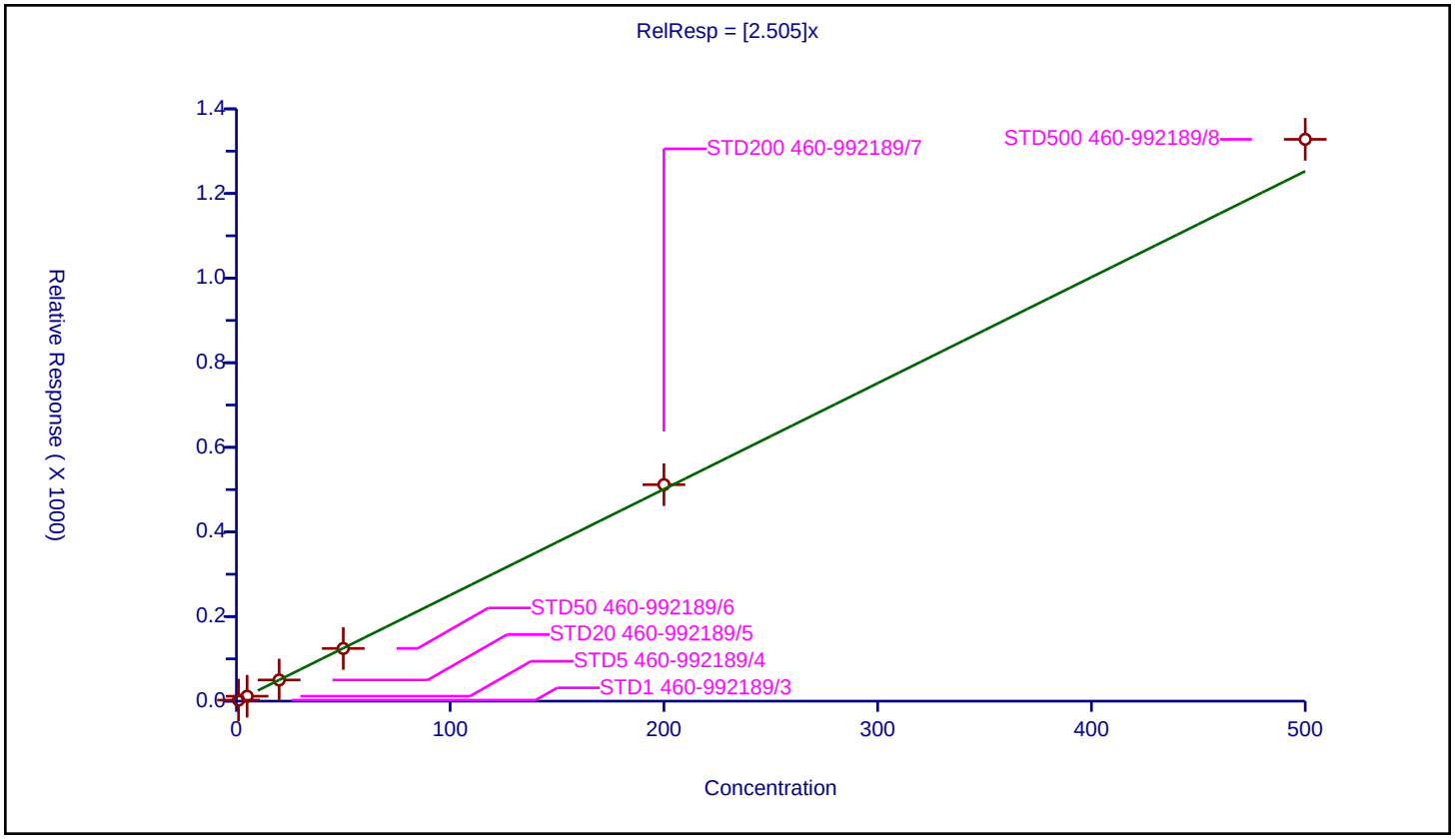
Curve Coefficients

Intercept:	0
Slope:	2.505

Error Coefficients

Relative Standard Deviation:	4.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0	2.489754	50.0	240345.0	2.489754	Y
2	STD5 460-992189/4	5.0	11.672912	50.0	232971.0	2.334582	Y
3	STD20 460-992189/5	20.0	50.025272	50.0	229500.0	2.501264	Y
4	STD50 460-992189/6	50.0	124.56322	50.0	237534.0	2.491264	Y
5	STD200 460-992189/7	200.0	511.768927	50.0	237613.0	2.558845	Y
6	STD500 460-992189/8	500.0	1328.062344	50.0	220550.0	2.656125	Y



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Calibration / sec-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

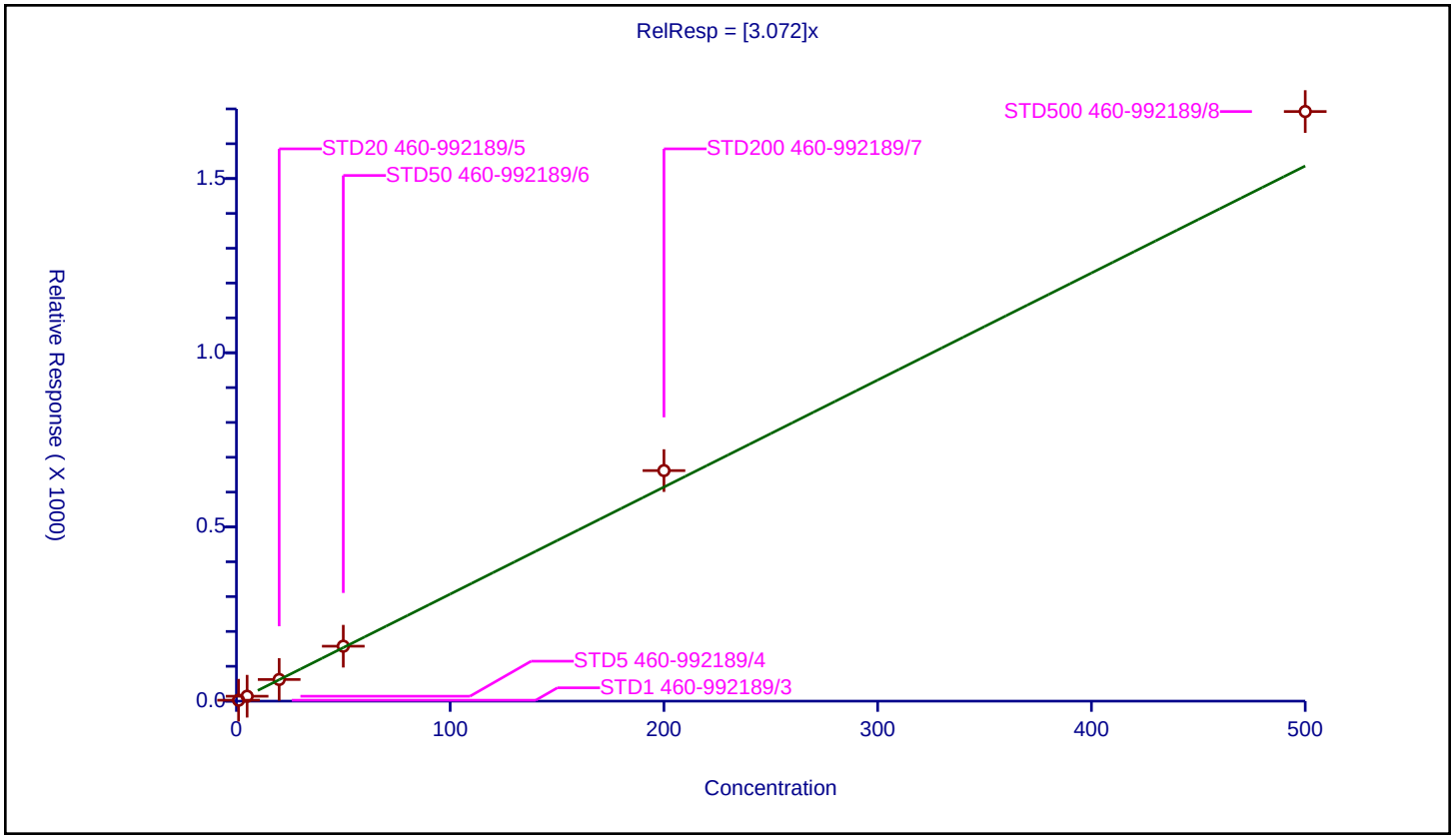
Curve Coefficients

Intercept:	0
Slope:	3.072

Error Coefficients

Relative Standard Deviation:	9.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0	2.656806	50.0	240345.0	2.656806	Y
2	STD5 460-992189/4	5.0	14.126222	50.0	232971.0	2.825244	Y
3	STD20 460-992189/5	20.0	62.083878	50.0	229500.0	3.104194	Y
4	STD50 460-992189/6	50.0	157.699108	50.0	237534.0	3.153982	Y
5	STD200 460-992189/7	200.0	661.768296	50.0	237613.0	3.308841	Y
6	STD500 460-992189/8	500.0	1692.399229	50.0	220550.0	3.384798	Y



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Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

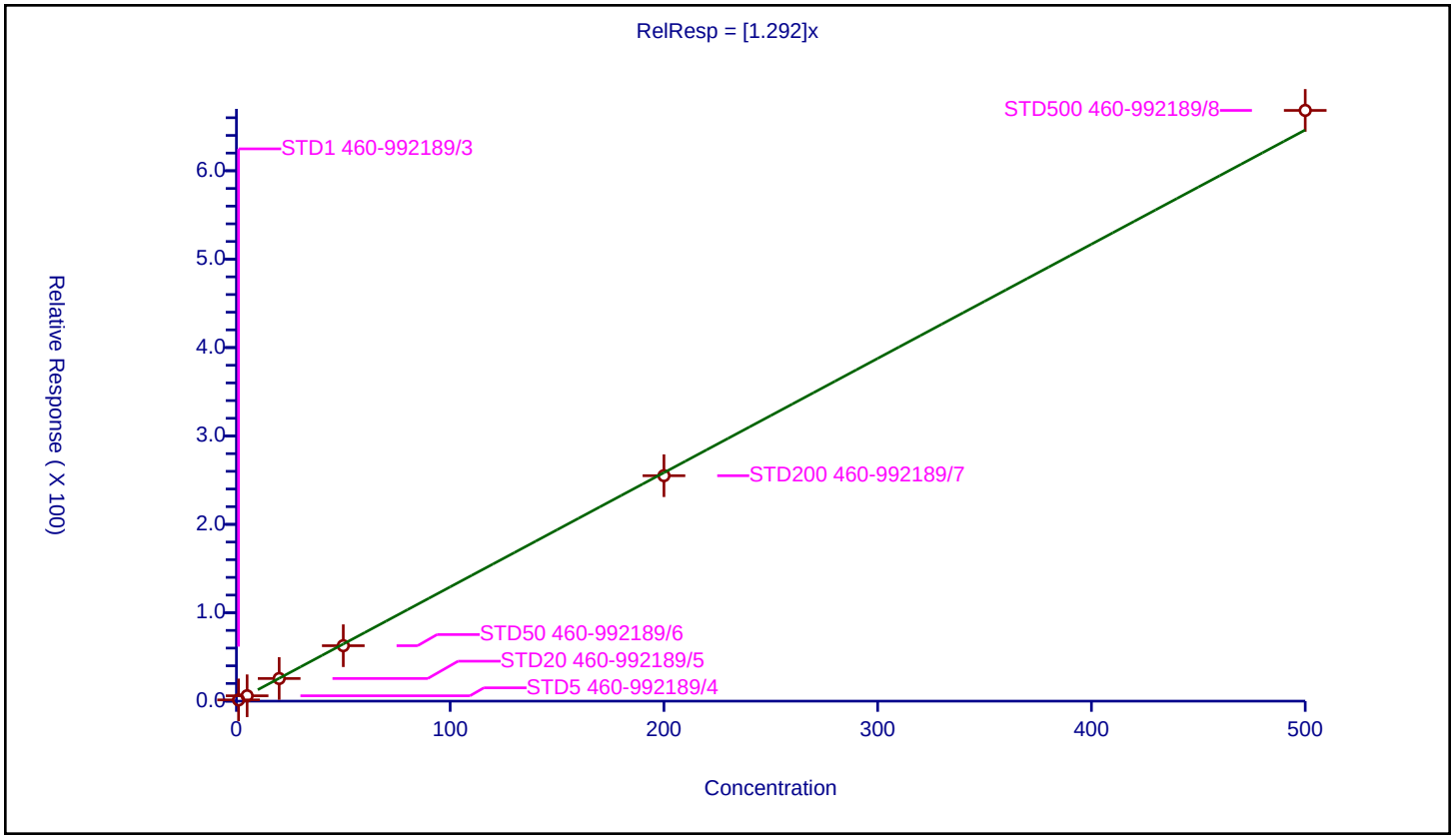
Curve Coefficients

Intercept:	0
Slope:	1.292

Error Coefficients

Relative Standard Deviation:	4.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0	1.393622	50.0	240345.0	1.393622	Y
2	STD5 460-992189/4	5.0	6.072215	50.0	232971.0	1.214443	Y
3	STD20 460-992189/5	20.0	25.591939	50.0	229500.0	1.279597	Y
4	STD50 460-992189/6	50.0	62.726389	50.0	237534.0	1.254528	Y
5	STD200 460-992189/7	200.0	255.054858	50.0	237613.0	1.275274	Y
6	STD500 460-992189/8	500.0	668.286103	50.0	220550.0	1.336572	Y



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Calibration / 4-Isopropyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

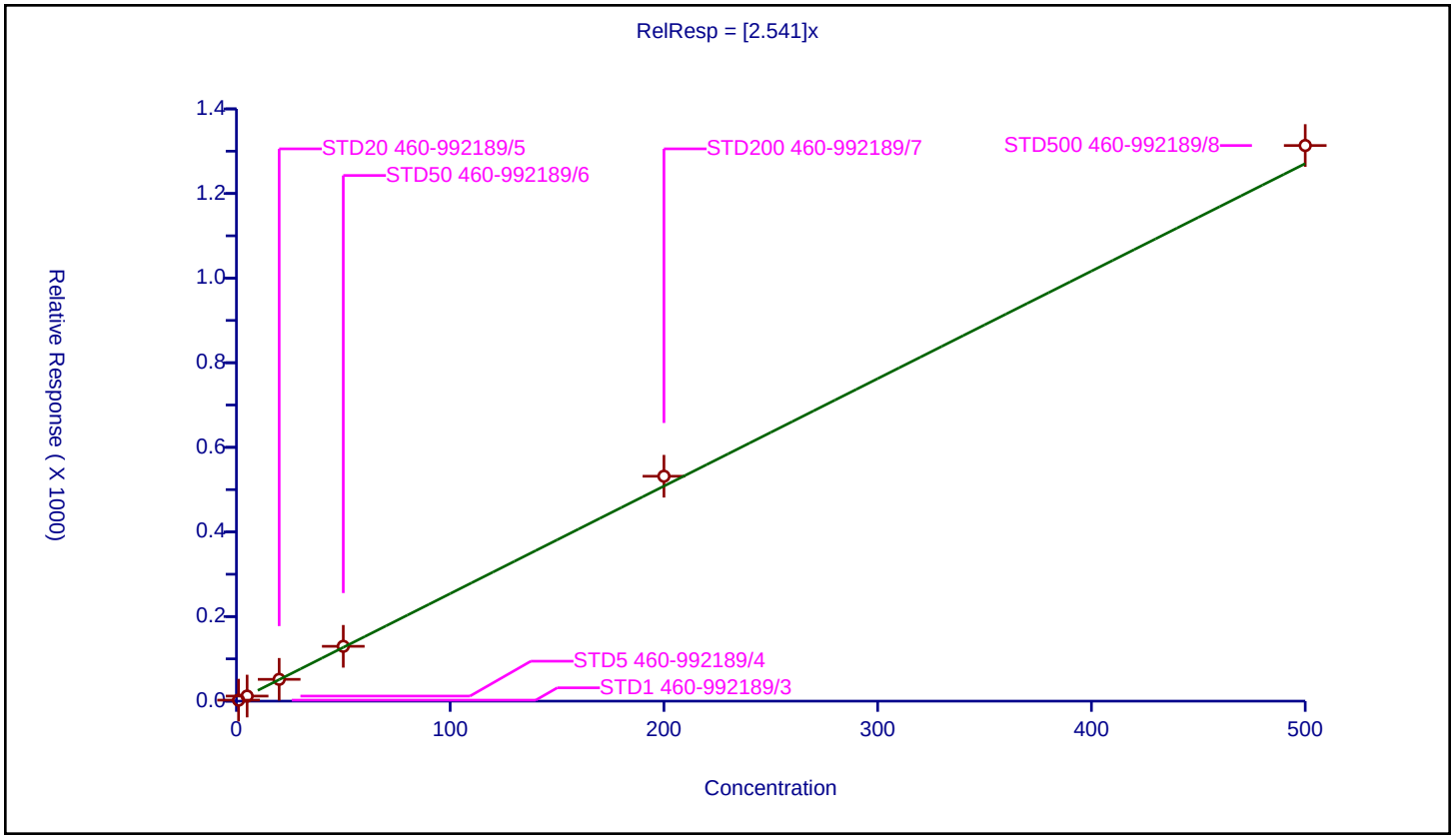
Curve Coefficients

Intercept:	0
Slope:	2.541

Error Coefficients

Relative Standard Deviation:	4.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0	2.391562	50.0	240345.0	2.391562	Y
2	STD5 460-992189/4	5.0	12.014371	50.0	232971.0	2.402874	Y
3	STD20 460-992189/5	20.0	51.517429	50.0	229500.0	2.575871	Y
4	STD50 460-992189/6	50.0	129.631968	50.0	237534.0	2.592639	Y
5	STD200 460-992189/7	200.0	531.675245	50.0	237613.0	2.658376	Y
6	STD500 460-992189/8	500.0	1313.42258	50.0	220550.0	2.626845	Y



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Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

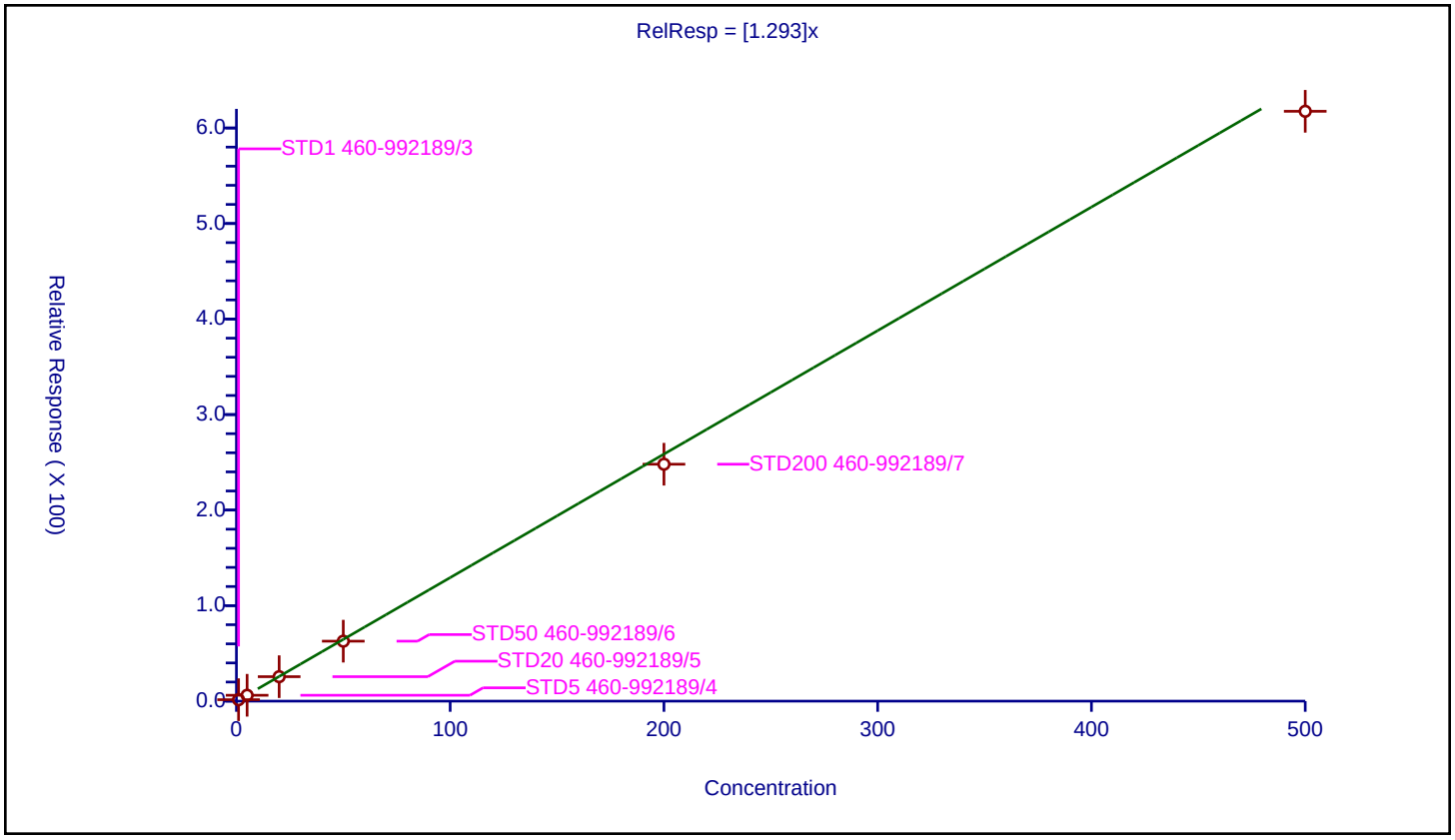
Curve Coefficients

Intercept:	0
Slope:	1.293

Error Coefficients

Relative Standard Deviation:	8.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0	1.518858	50.0	240345.0	1.518858	Y
2	STD5 460-992189/4	5.0	6.143683	50.0	232971.0	1.228737	Y
3	STD20 460-992189/5	20.0	25.598475	50.0	229500.0	1.279924	Y
4	STD50 460-992189/6	50.0	62.774803	50.0	237534.0	1.255496	Y
5	STD200 460-992189/7	200.0	248.037565	50.0	237613.0	1.240188	Y
6	STD500 460-992189/8	500.0	617.49966	50.0	220550.0	1.234999	Y



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Calibration / 1,2,3-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

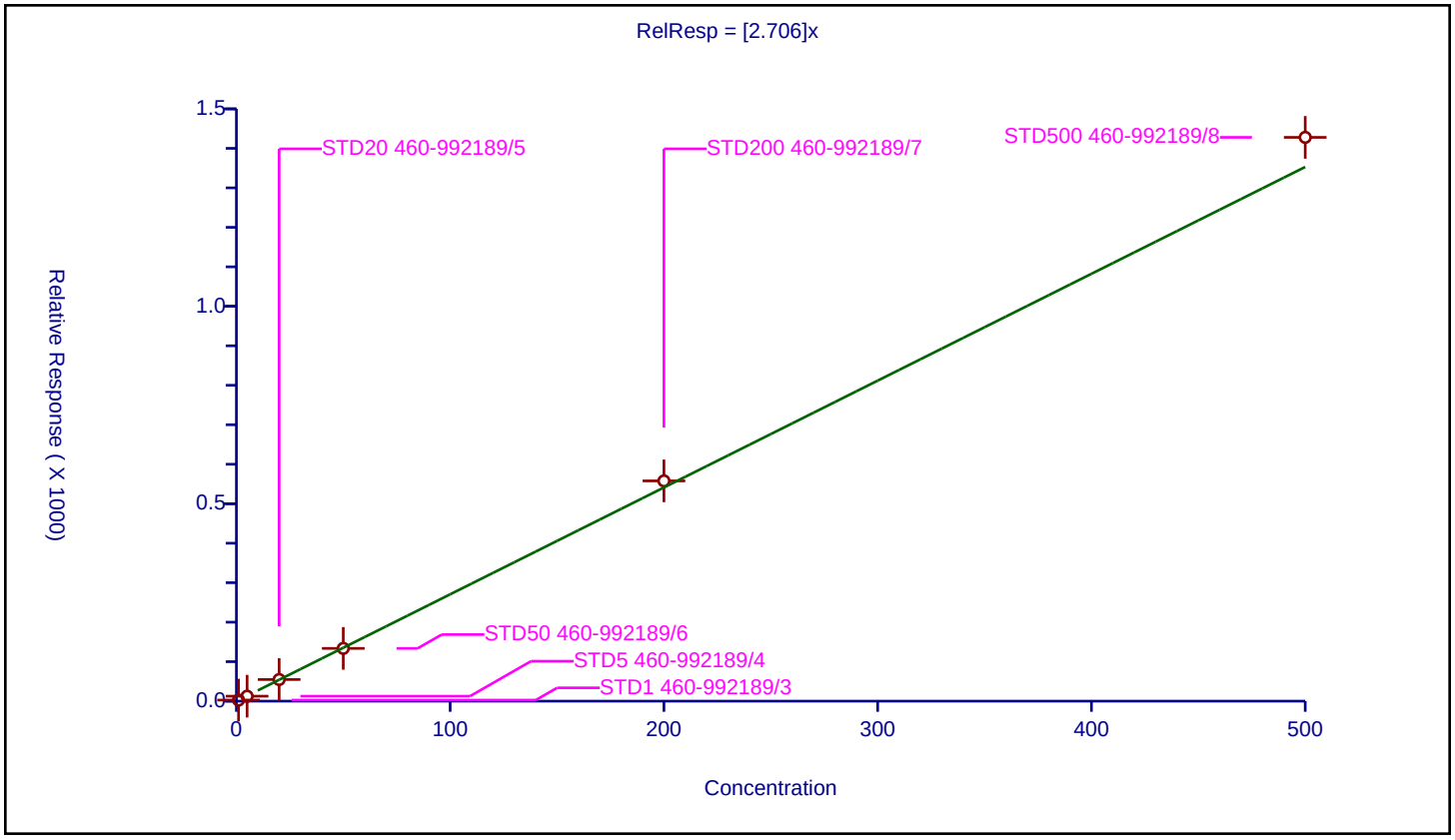
Curve Coefficients

Intercept:	0
Slope:	2.706

Error Coefficients

Relative Standard Deviation:	4.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0	2.667832	50.0	240345.0	2.667832	Y
2	STD5 460-992189/4	5.0	12.568946	50.0	232971.0	2.513789	Y
3	STD20 460-992189/5	20.0	54.708715	50.0	229500.0	2.735436	Y
4	STD50 460-992189/6	50.0	133.616451	50.0	237534.0	2.672329	Y
5	STD200 460-992189/7	200.0	557.834378	50.0	237613.0	2.789172	Y
6	STD500 460-992189/8	500.0	1427.849014	50.0	220550.0	2.855698	Y



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Calibration / Benzyl chloride

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

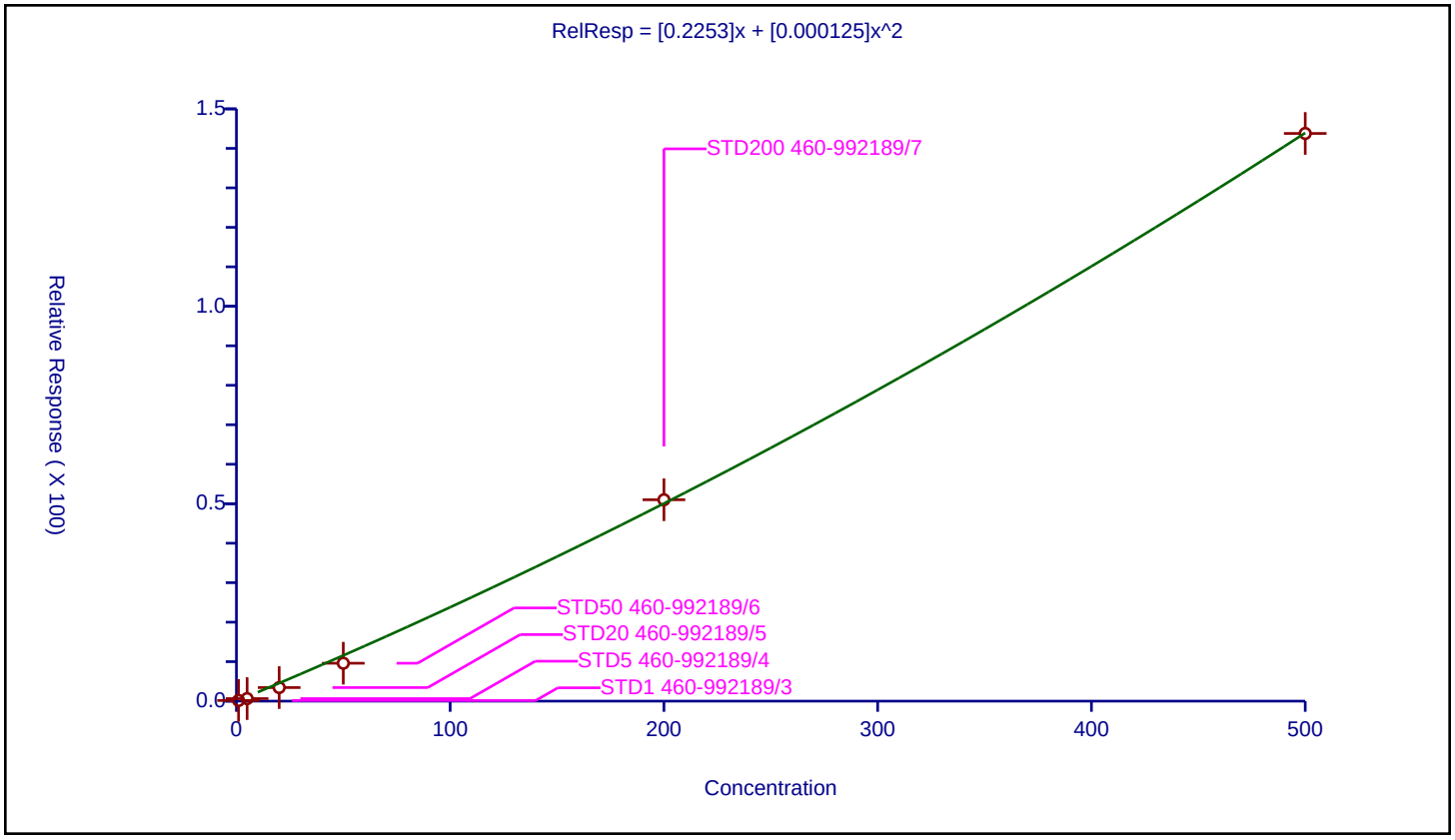
Curve Coefficients

Intercept:	0
Slope:	0.2253
Second Order:	0.000125

Error Coefficients

Relative Standard Deviation:	29.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0	0.164763	50.0	240345.0	0.164763	Y
2	STD5 460-992189/4	5.0	0.642569	50.0	232971.0	0.128514	Y
3	STD20 460-992189/5	20.0	3.433987	50.0	229500.0	0.171699	Y
4	STD50 460-992189/6	50.0	9.60052	50.0	237534.0	0.19201	Y
5	STD200 460-992189/7	200.0	51.004996	50.0	237613.0	0.255025	Y
6	STD500 460-992189/8	500.0	143.777601	50.0	220550.0	0.287555	Y



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Calibration / 2,3-Dihydroindene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

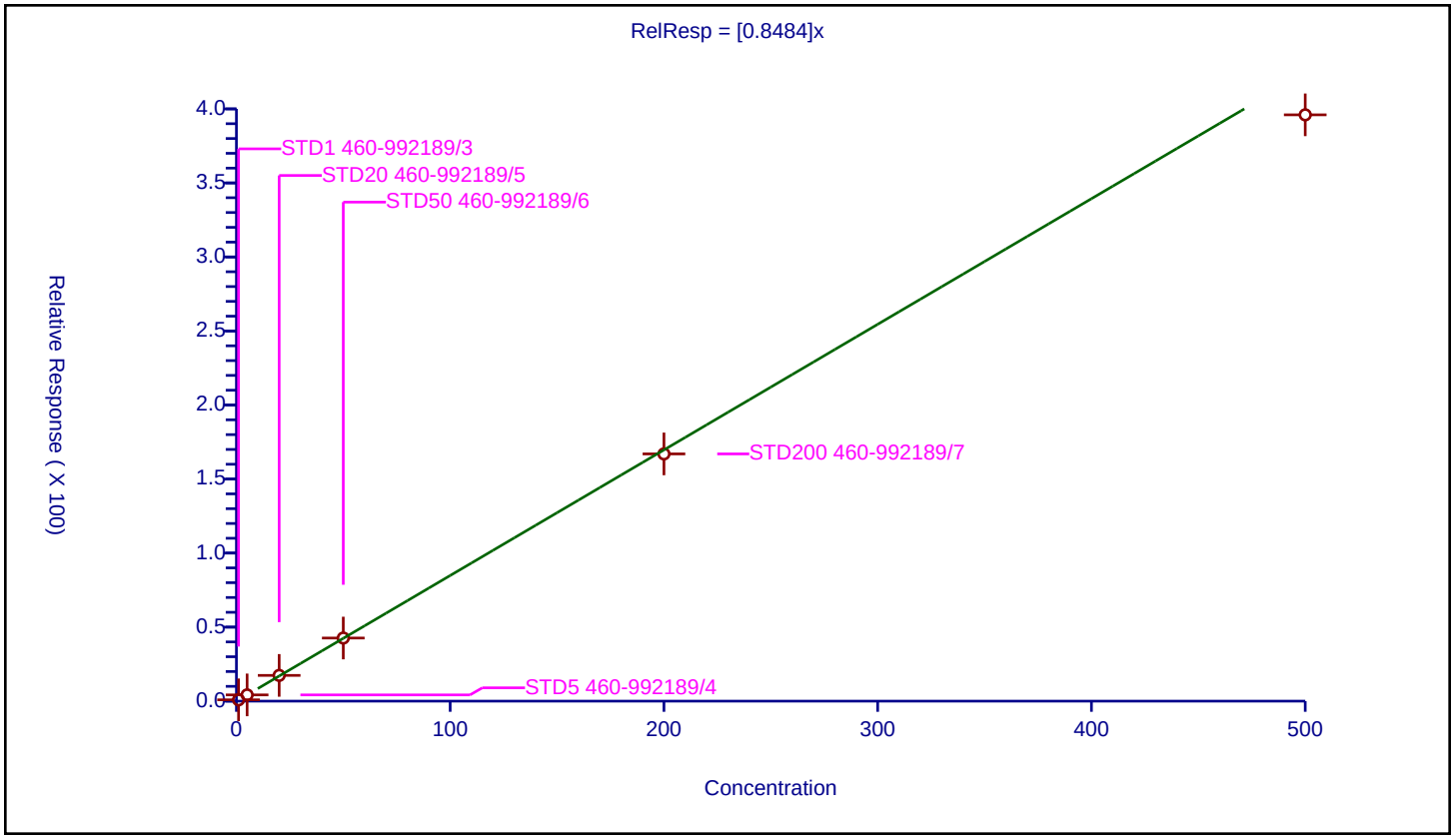
Curve Coefficients

Intercept:	0
Slope:	0.8484

Error Coefficients

Relative Standard Deviation:	4.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0	0.89907	50.0	665688.0	0.89907	Y
2	STD5 460-992189/4	5.0	4.212287	50.0	635688.0	0.842457	Y
3	STD20 460-992189/5	20.0	17.385599	50.0	640464.0	0.86928	Y
4	STD50 460-992189/6	50.0	42.627379	50.0	668358.0	0.852548	Y
5	STD200 460-992189/7	200.0	166.971156	50.0	695536.0	0.834856	Y
6	STD500 460-992189/8	500.0	395.985538	50.0	691612.0	0.791971	Y



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Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

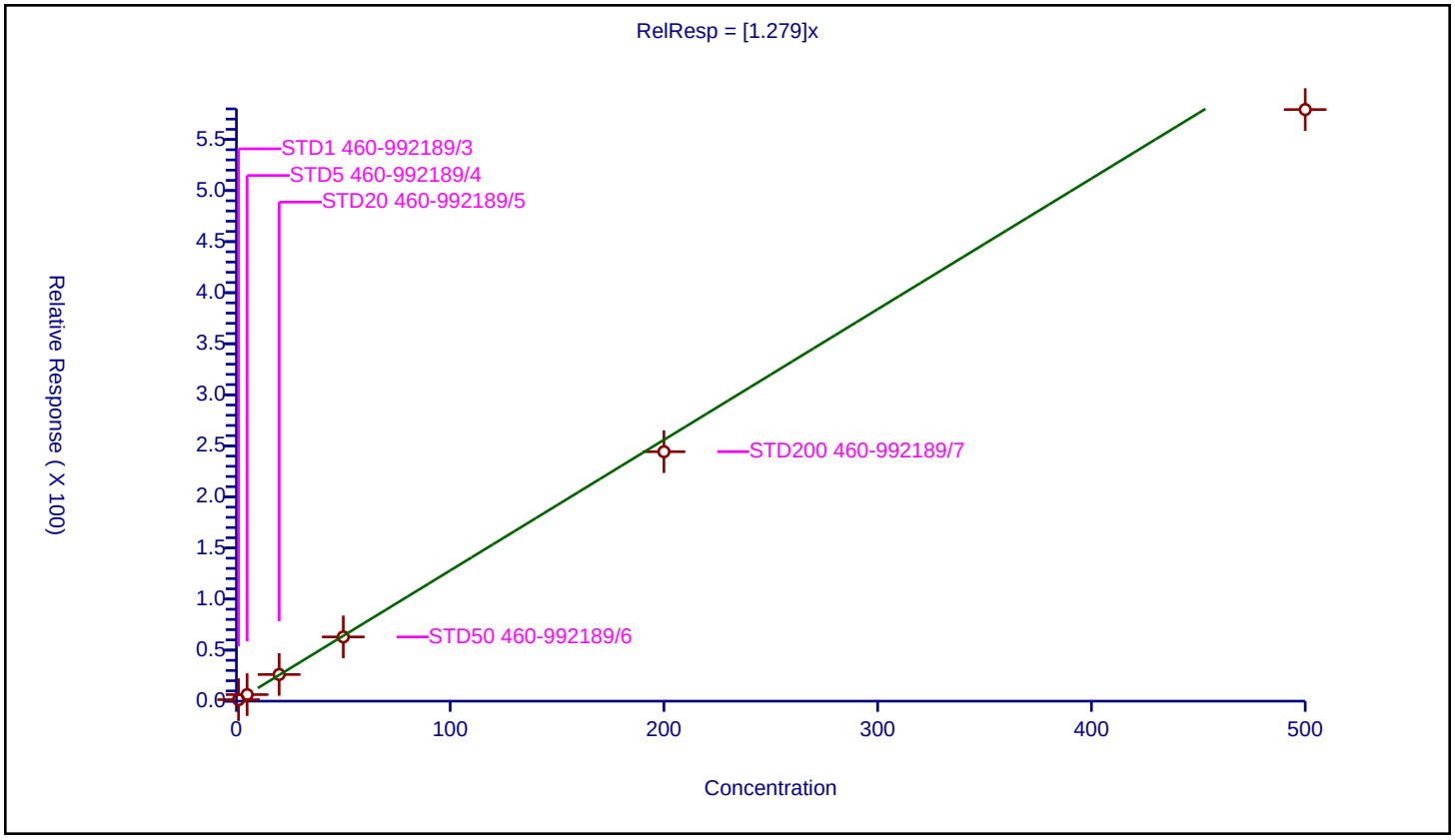
Curve Coefficients

Intercept:	0
Slope:	1.279

Error Coefficients

Relative Standard Deviation:	7.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0	1.450831	50.0	240345.0	1.450831	Y
2	STD5 460-992189/4	5.0	6.412601	50.0	232971.0	1.28252	Y
3	STD20 460-992189/5	20.0	26.10305	50.0	229500.0	1.305153	Y
4	STD50 460-992189/6	50.0	62.900679	50.0	237534.0	1.258014	Y
5	STD200 460-992189/7	200.0	244.288402	50.0	237613.0	1.221442	Y
6	STD500 460-992189/8	500.0	579.317388	50.0	220550.0	1.158635	Y



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Calibration / p-Diethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

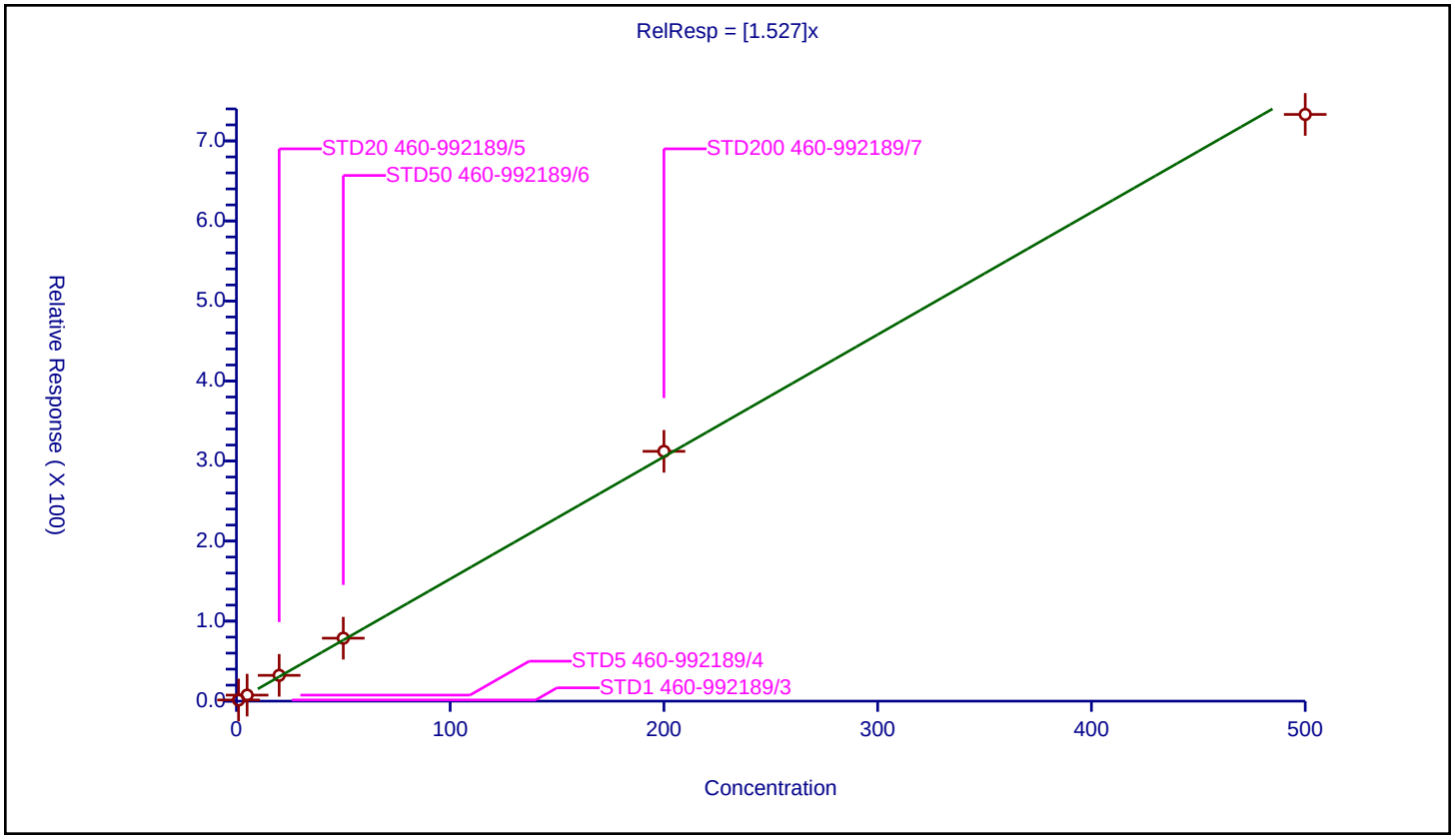
Curve Coefficients

Intercept:	0
Slope:	1.527

Error Coefficients

Relative Standard Deviation:	4.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0	1.442094	50.0	240345.0	1.442094	Y
2	STD5 460-992189/4	5.0	7.5342	50.0	232971.0	1.50684	Y
3	STD20 460-992189/5	20.0	32.226362	50.0	229500.0	1.611318	Y
4	STD50 460-992189/6	50.0	78.657371	50.0	237534.0	1.573147	Y
5	STD200 460-992189/7	200.0	312.128756	50.0	237613.0	1.560644	Y
6	STD500 460-992189/8	500.0	733.082294	50.0	220550.0	1.466165	Y



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Calibration / n-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

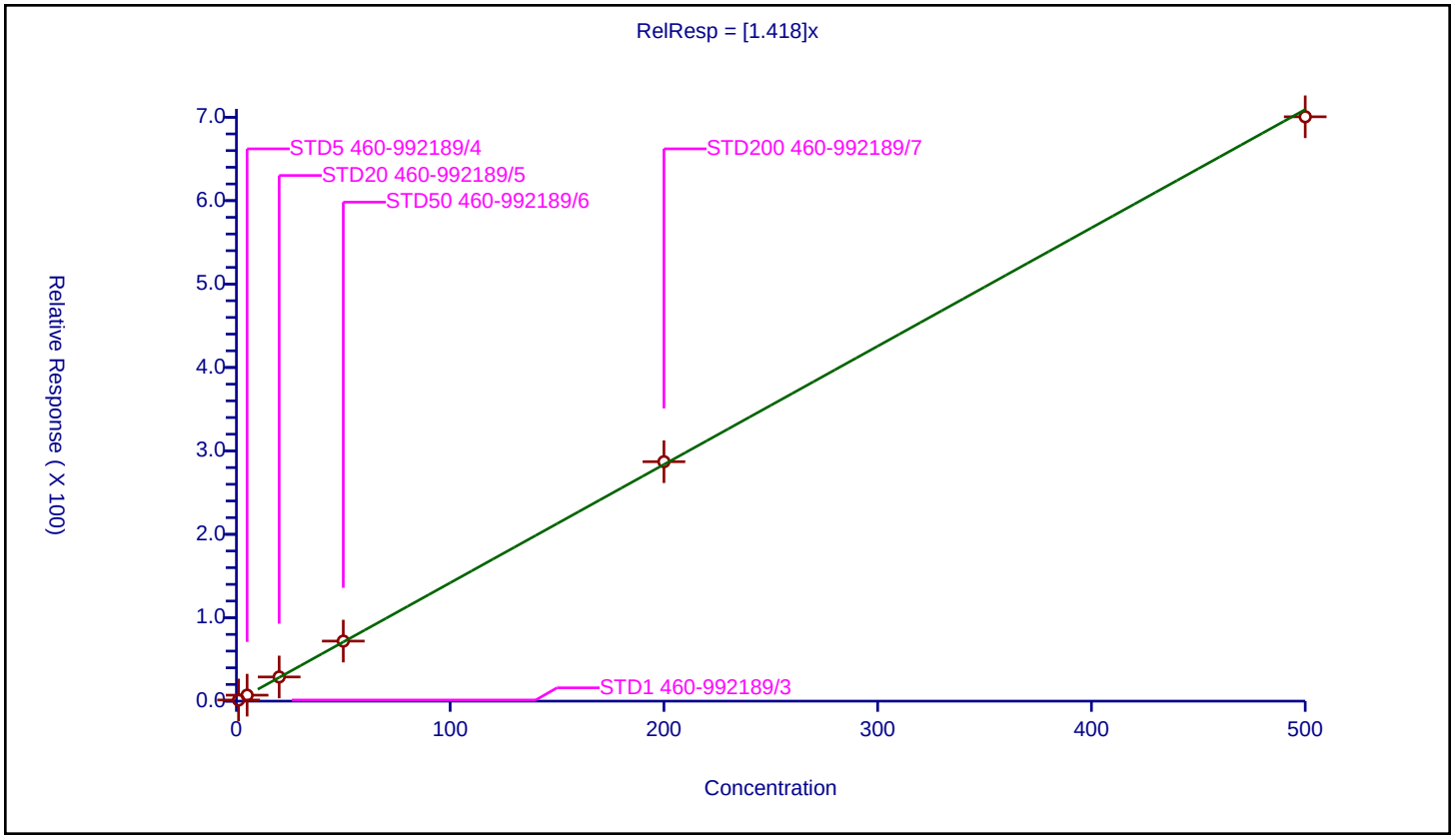
Curve Coefficients

Intercept:	0
Slope:	1.418

Error Coefficients

Relative Standard Deviation:	2.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0	1.354927	50.0	240345.0	1.354927	Y
2	STD5 460-992189/4	5.0	7.155182	50.0	232971.0	1.431036	Y
3	STD20 460-992189/5	20.0	28.977996	50.0	229500.0	1.4489	Y
4	STD50 460-992189/6	50.0	71.985274	50.0	237534.0	1.439705	Y
5	STD200 460-992189/7	200.0	287.056895	50.0	237613.0	1.435284	Y
6	STD500 460-992189/8	500.0	700.537747	50.0	220550.0	1.401075	Y



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Calibration / 1,2,4,5-Tetramethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

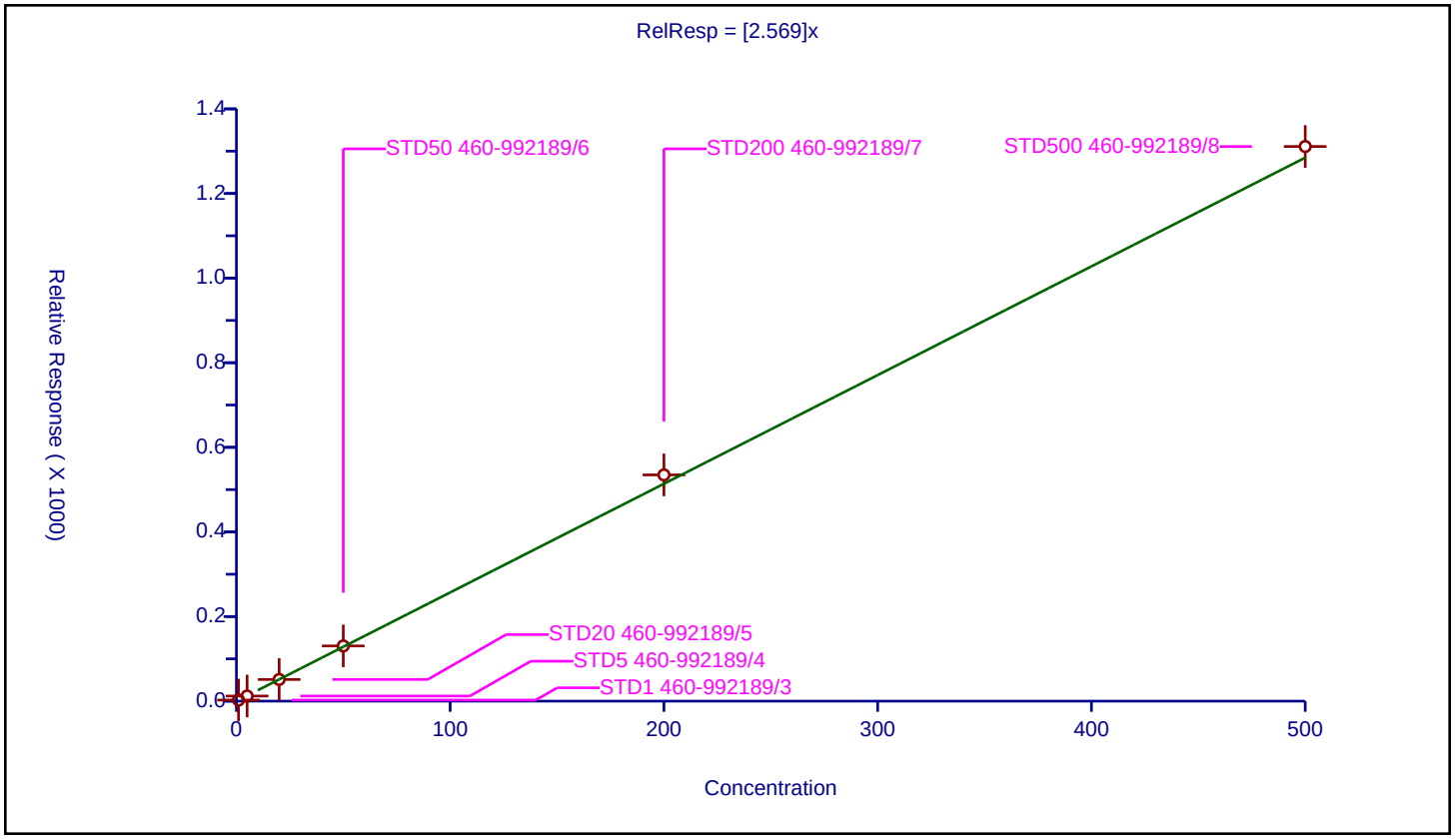
Curve Coefficients

Intercept:	0
Slope:	2.569

Error Coefficients

Relative Standard Deviation:	3.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0	2.532401	50.0	240345.0	2.532401	Y
2	STD5 460-992189/4	5.0	12.091848	50.0	232971.0	2.41837	Y
3	STD20 460-992189/5	20.0	51.189325	50.0	229500.0	2.559466	Y
4	STD50 460-992189/6	50.0	130.475006	50.0	237534.0	2.6095	Y
5	STD200 460-992189/7	200.0	534.807439	50.0	237613.0	2.674037	Y
6	STD500 460-992189/8	500.0	1311.127635	50.0	220550.0	2.622255	Y



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Calibration / 1,2-Dibromo-3-Chloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

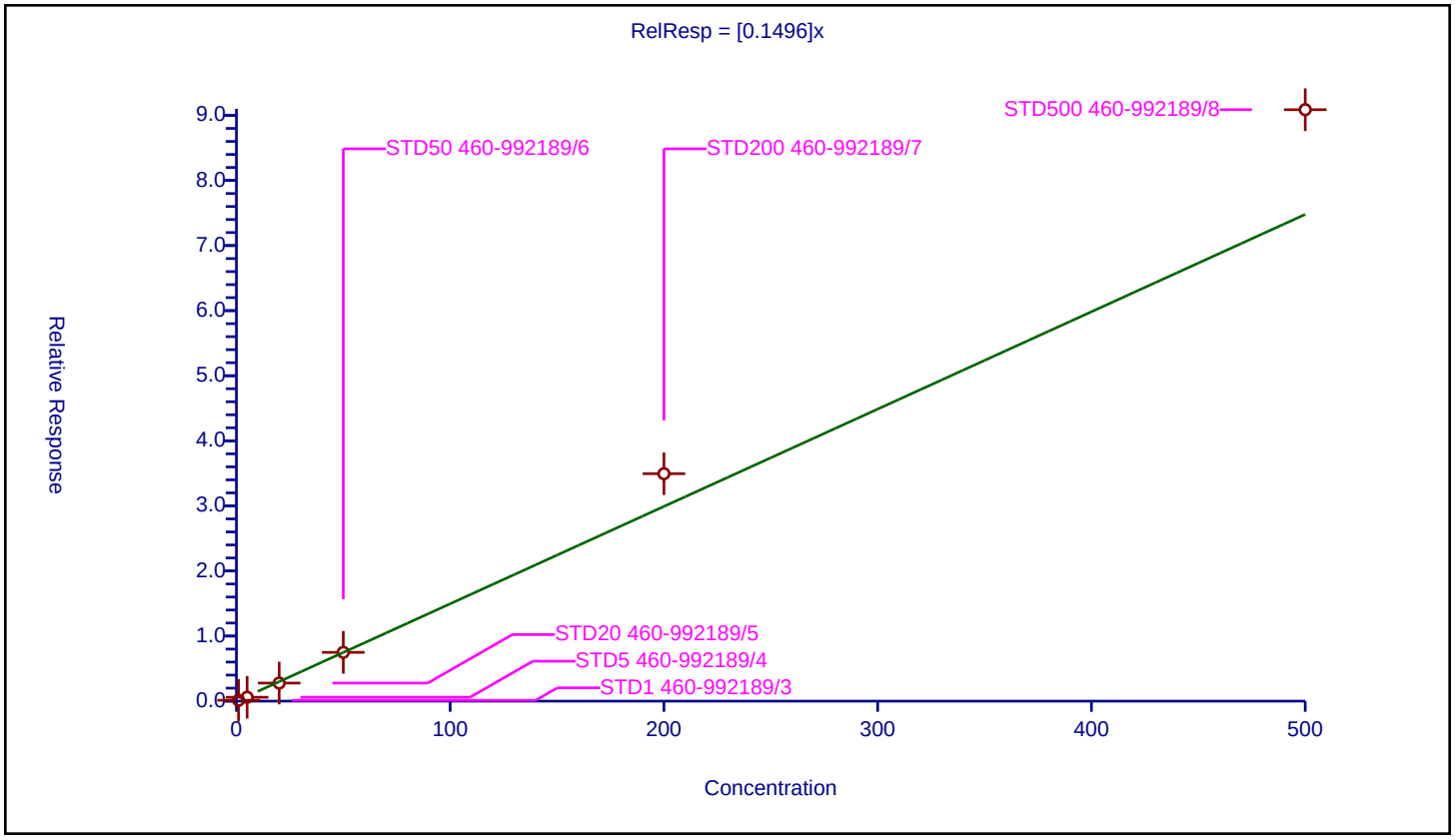
Curve Coefficients

Intercept:	0
Slope:	0.1496

Error Coefficients

Relative Standard Deviation:	16.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0	0.132934	50.0	240345.0	0.132934	Y
2	STD5 460-992189/4	5.0	0.595997	50.0	232971.0	0.119199	Y
3	STD20 460-992189/5	20.0	2.778431	50.0	229500.0	0.138922	Y
4	STD50 460-992189/6	50.0	7.49598	50.0	237534.0	0.14992	Y
5	STD200 460-992189/7	200.0	34.947372	50.0	237613.0	0.174737	Y
6	STD500 460-992189/8	500.0	90.878032	50.0	220550.0	0.181756	Y



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Calibration / 1,3,5-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

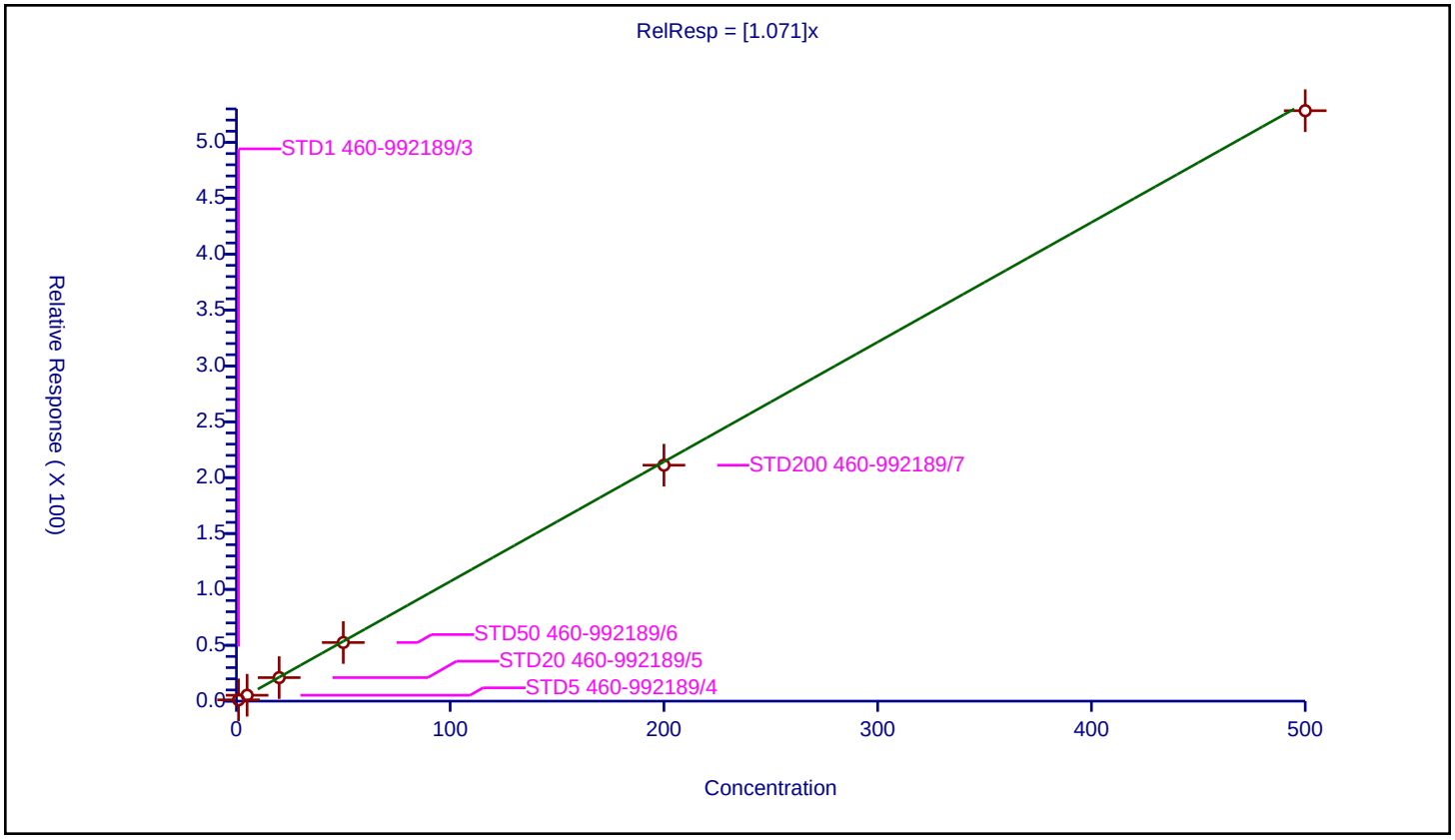
Curve Coefficients

Intercept:	0
Slope:	1.071

Error Coefficients

Relative Standard Deviation:	3.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0	1.15563	50.0	240345.0	1.15563	Y
2	STD5 460-992189/4	5.0	5.279842	50.0	232971.0	1.055968	Y
3	STD20 460-992189/5	20.0	21.059913	50.0	229500.0	1.052996	Y
4	STD50 460-992189/6	50.0	52.460279	50.0	237534.0	1.049206	Y
5	STD200 460-992189/7	200.0	211.131546	50.0	237613.0	1.055658	Y
6	STD500 460-992189/8	500.0	528.370664	50.0	220550.0	1.056741	Y



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Calibration / 1,2,4-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

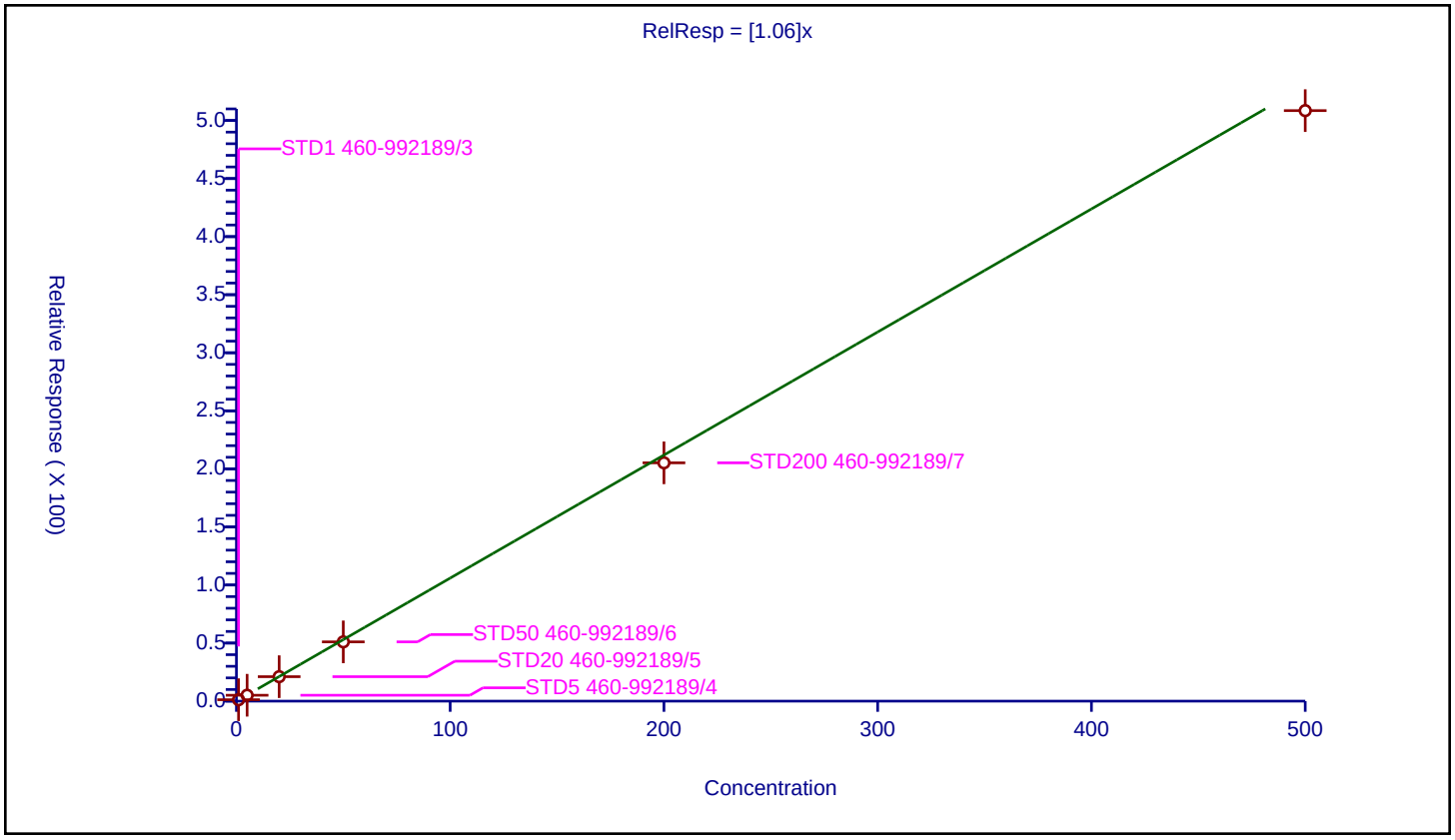
Curve Coefficients

Intercept:	0
Slope:	1.06

Error Coefficients

Relative Standard Deviation:	7.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0	1.225738	50.0	240345.0	1.225738	Y
2	STD5 460-992189/4	5.0	5.075524	50.0	232971.0	1.015105	Y
3	STD20 460-992189/5	20.0	21.056427	50.0	229500.0	1.052821	Y
4	STD50 460-992189/6	50.0	51.036694	50.0	237534.0	1.020734	Y
5	STD200 460-992189/7	200.0	205.21394	50.0	237613.0	1.02607	Y
6	STD500 460-992189/8	500.0	508.507141	50.0	220550.0	1.017014	Y



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Calibration / Hexachlorobutadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

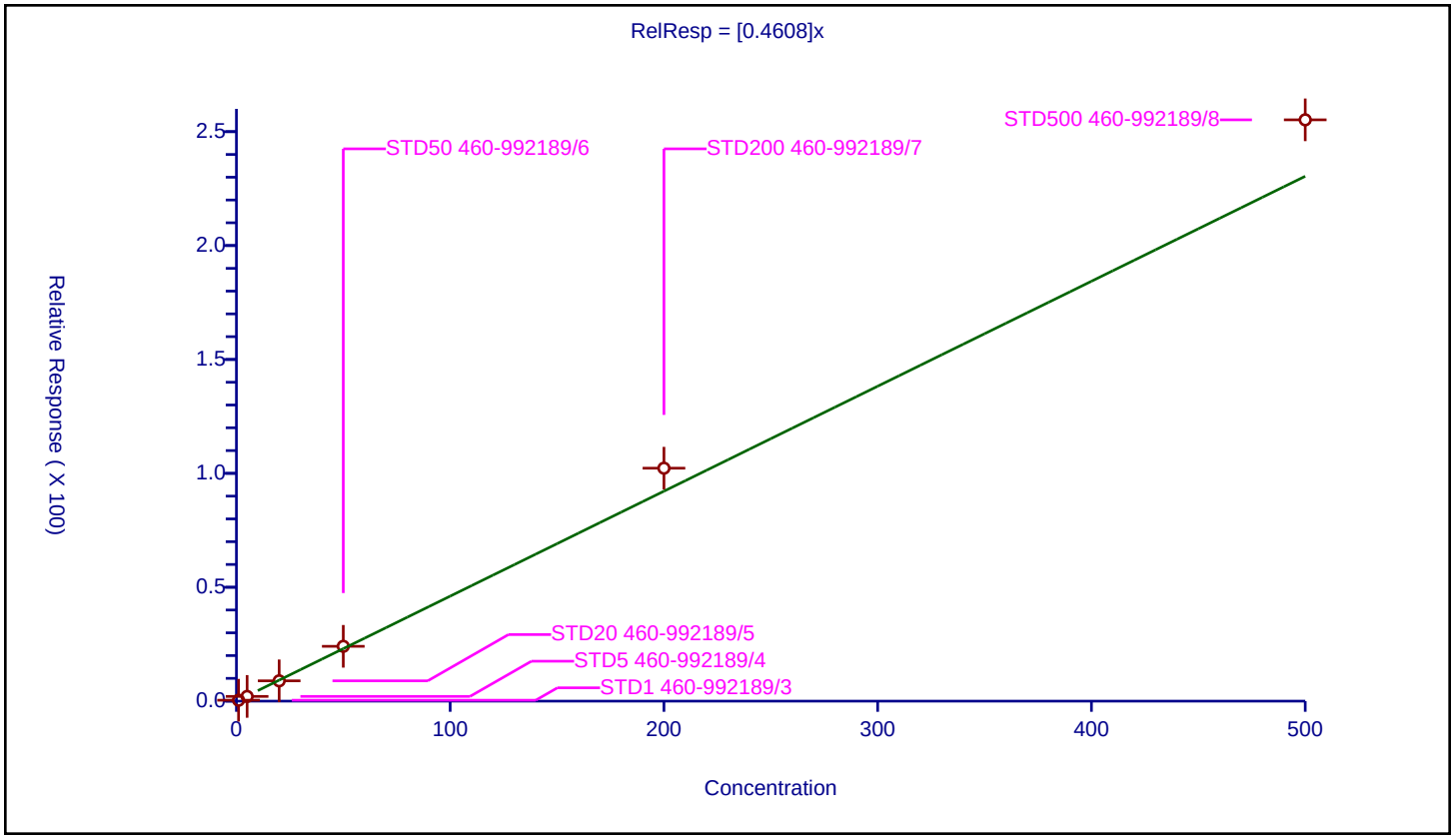
Curve Coefficients

Intercept:	0
Slope:	0.4608

Error Coefficients

Relative Standard Deviation:	10.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0	0.401714	50.0	240345.0	0.401714	Y
2	STD5 460-992189/4	5.0	2.071932	50.0	232971.0	0.414386	Y
3	STD20 460-992189/5	20.0	8.913943	50.0	229500.0	0.445697	Y
4	STD50 460-992189/6	50.0	24.074027	50.0	237534.0	0.481481	Y
5	STD200 460-992189/7	200.0	102.262713	50.0	237613.0	0.511314	Y
6	STD500 460-992189/8	500.0	255.197461	50.0	220550.0	0.510395	Y



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Calibration / Naphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

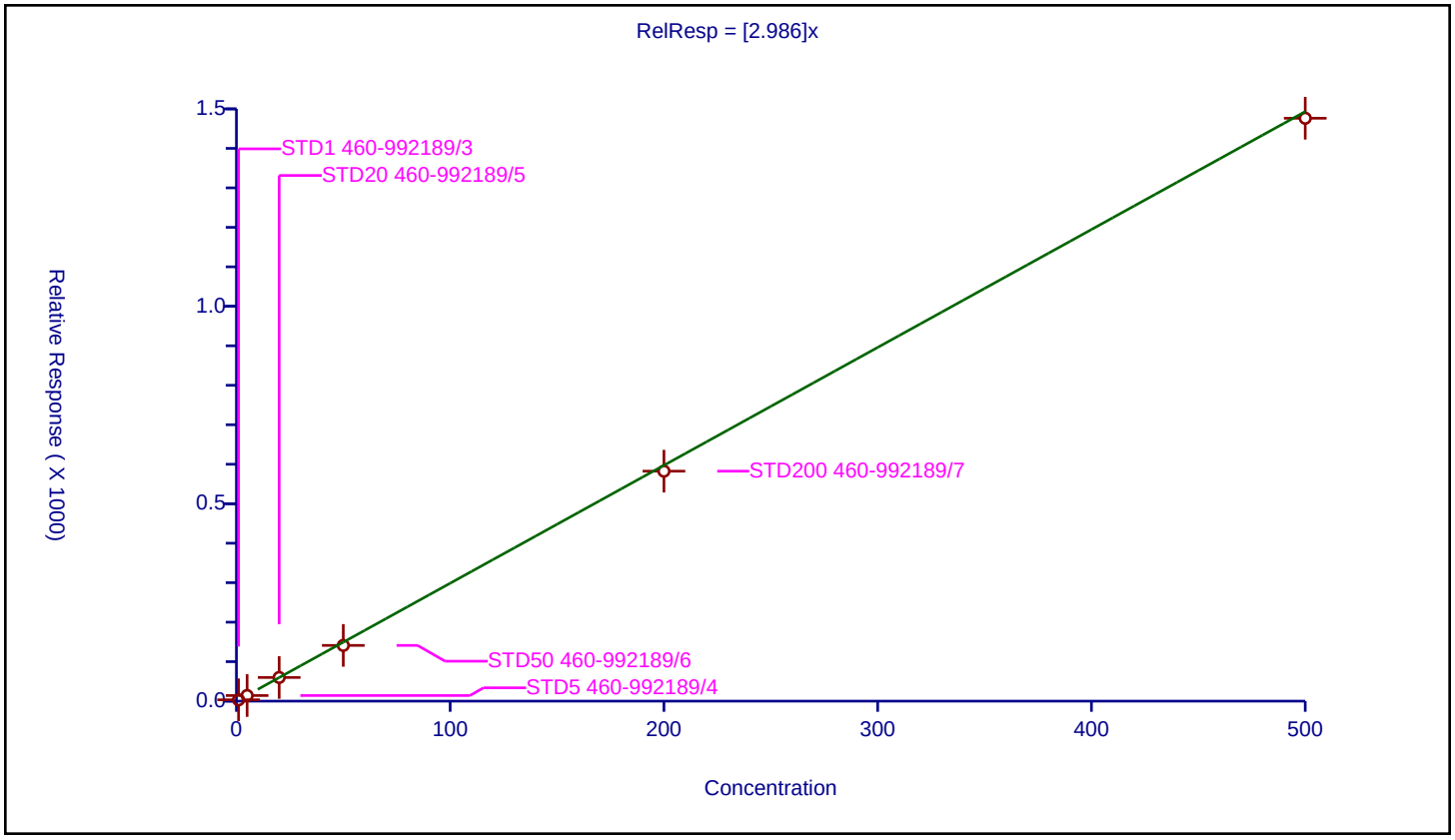
Curve Coefficients

Intercept:	0
Slope:	2.986

Error Coefficients

Relative Standard Deviation:	6.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0	3.387006	50.0	240345.0	3.387006	Y
2	STD5 460-992189/4	5.0	14.226234	50.0	232971.0	2.845247	Y
3	STD20 460-992189/5	20.0	59.948148	50.0	229500.0	2.997407	Y
4	STD50 460-992189/6	50.0	141.153898	50.0	237534.0	2.823078	Y
5	STD200 460-992189/7	200.0	582.426467	50.0	237613.0	2.912132	Y
6	STD500 460-992189/8	500.0	1476.317388	50.0	220550.0	2.952635	Y



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Calibration / 1,2,3-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

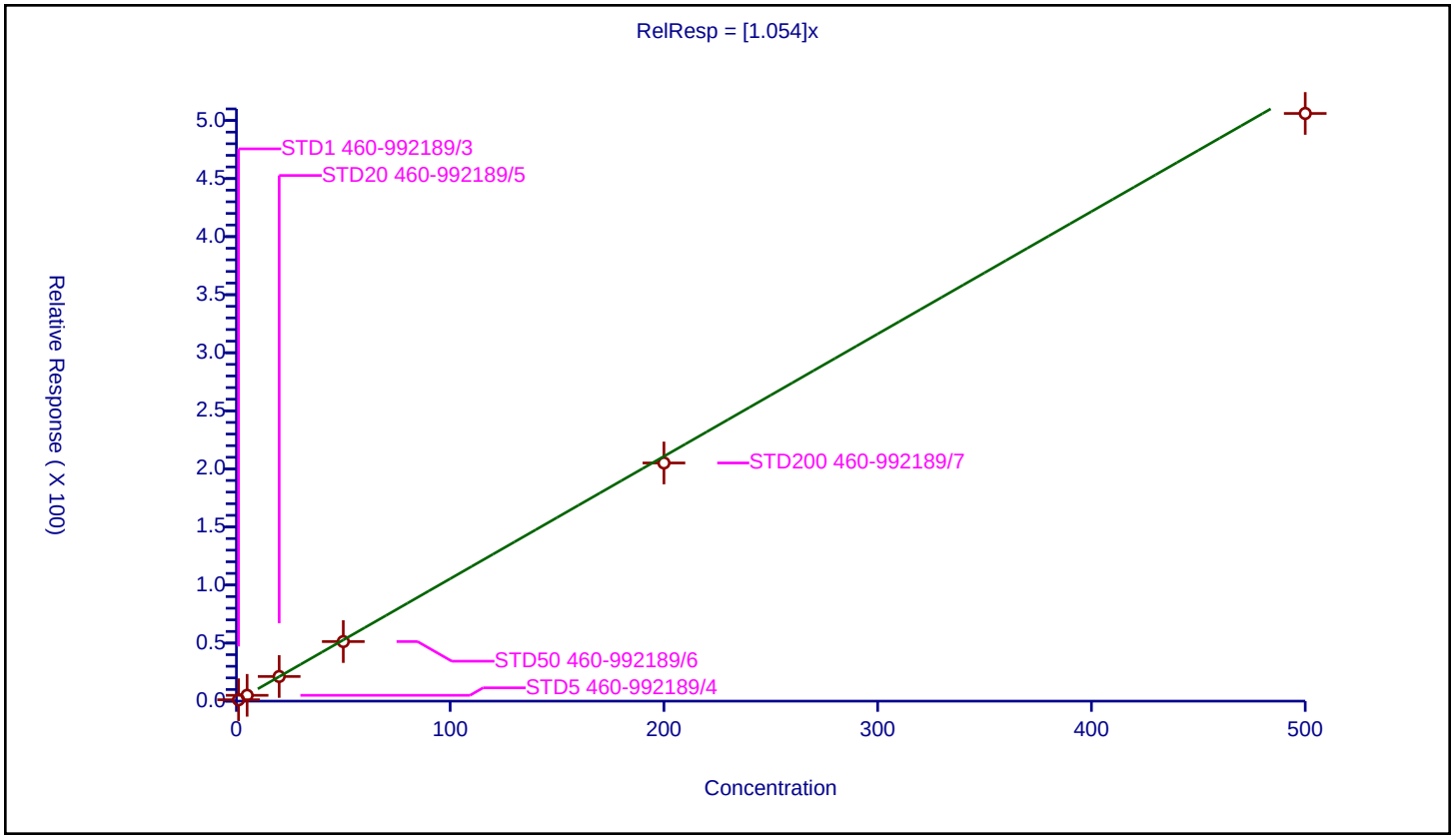
Curve Coefficients

Intercept:	0
Slope:	1.054

Error Coefficients

Relative Standard Deviation:	6.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-992189/3	1.0	1.196613	50.0	240345.0	1.196613	Y
2	STD5 460-992189/4	5.0	5.016504	50.0	232971.0	1.003301	Y
3	STD20 460-992189/5	20.0	21.21634	50.0	229500.0	1.060817	Y
4	STD50 460-992189/6	50.0	51.294973	50.0	237534.0	1.025899	Y
5	STD200 460-992189/7	200.0	205.088526	50.0	237613.0	1.025443	Y
6	STD500 460-992189/8	500.0	506.066652	50.0	220550.0	1.012133	Y



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FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-309671-1 Analy Batch No.: 991329

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/19/2024 23:44 Calibration End Date: 08/20/2024 03:01 Calibration ID: 98361

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-991329/6	D18722.D
Level 2	STD5 460-991329/7	D18723.D
Level 3	STD20 460-991329/3	D18719.D
Level 4	STD50 460-991329/8	D18724.D
Level 5	STD200 460-991329/9	D18725.D
Level 6	STD500 460-991329/10	D18726.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Chlorotrifluoroethene	0.0894 0.0720	0.0751	0.0879	0.0836	0.0709	Ave		0.0798				10.2		20.0			
Dichlorodifluoromethane	0.3934 0.4889	0.4011	0.4571	0.4356	0.5139	Ave		0.4483			0.1000	10.7		20.0			
Chlorodifluoromethane	0.4550 0.3698	0.3800	0.4695	0.3856	0.3714	Ave		0.4052				11.1		20.0			
Chloromethane	0.3634 0.3795	0.3062	0.3357	0.3292	0.3587	Ave		0.3455			0.1000	7.7		20.0			
Vinyl chloride	0.2068 0.2343	0.2340	0.2424	0.2399	0.2305	Ave		0.2313			0.1000	5.5		20.0			
Butadiene	0.1996 0.2072	0.2354	0.2381	0.2316	0.2168	Ave		0.2214				7.2		20.0			
Bromomethane	4.8207 2.3987	3.2611	2.6873	1.7567	2.3603	QuaF		2.2648	0.0002721		0.1000				0.9990		0.9900
Chloroethane	0.2158 0.1481	0.2115	0.2216	0.2080	0.1944	Ave		0.1999			0.1000	13.5		20.0			
Trichlorofluoromethane	0.4418 0.4103	0.3993	0.4336	0.4249	0.4183	Ave		0.4214			0.1000	3.7		20.0			
Dichlorofluoromethane	0.5521 0.4890	0.5443	0.5534	0.5371	0.5088	Ave		0.5308				4.9		20.0			
Pentane	0.0716 +++++	0.0583	0.0600	0.0575	0.0420	Ave		0.0579				18.2		20.0			
Ethanol	0.0790 0.0561	0.0549	0.0588	0.0564	0.0627	Ave		0.0613				14.8		20.0			
Ethyl ether	0.4183 +++++	0.2683	0.2263	0.2217	0.2001	Lin2	0.2067	0.2142							0.9970		0.9900
2-Methyl-1,3-butadiene	0.2457 0.1715	0.2541	0.2828	0.2641	0.1984	Ave		0.2361				17.9		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-309671-1 Analy Batch No.: 991329

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/19/2024 23:44 Calibration End Date: 08/20/2024 03:01 Calibration ID: 98361

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2-Dichloro-1,1,2-trifluoroethane	0.2533 0.1941	0.2242	0.2269	0.2121	0.1956	Ave		0.2177				10.2		20.0			
1,1,1-Trifluoro-2,2-dichloroethane	0.4069 0.3481	0.3629	0.3989	0.3738	0.3457	Ave		0.3727				6.9		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.2682 0.2403	0.2546	0.2791	0.2722	0.2494	Ave		0.2606			0.1000	5.7		20.0			
Acrolein	0.0610 0.0495	0.0528	0.0510	0.0519	0.0517	Ave		0.0530				7.7		20.0			
1,1-Dichloroethene	0.2466 0.2061	0.2459	0.2572	0.2451	0.2173	Ave		0.2364			0.1000	8.4		20.0			
Acetone	0.8847 0.8139	0.6532	0.6247	0.6220	0.7335	Ave		0.7220			0.0500	15.1		20.0			
Iodomethane	0.1003 0.1978	0.1890	0.2495	0.2685	0.2092	Qua2	-0.154	0.2495	-0.000111						0.9910		0.9900
Carbon disulfide	0.9083 0.6645	0.9337	0.9645	0.9198	0.6914	Ave		0.8470			0.1000	15.7		20.0			
Isopropyl alcohol	0.8387 0.7896	0.6835	0.6959	0.6727	0.7370	Ave		0.7362				9.0		20.0			
3-Chloro-1-propene	0.1219 0.1177	0.1386	0.1283	0.1255	0.1142	Ave		0.1244				7.0		20.0			
Cyclopentene	0.5281 0.4284	0.5532	0.6047	0.5689	0.4400	Ave		0.5206				13.7		20.0			
Methyl acetate	0.1721 0.1872	0.2152	0.1883	0.1971	0.1927	Ave		0.1921			0.1000	7.3		20.0			
Acetonitrile	0.0240 0.0183	0.0213	0.0186	0.0200	0.0179	Ave		0.0200				11.7		20.0			
Methylene Chloride	0.3899 0.2376	0.2924	0.2708	0.2603	0.2458	Ave		0.2828			0.1000	19.8		20.0			
2-Methyl-2-propanol	1.3191 0.9975	1.1026	1.0204	1.0230	1.0017	Ave		1.0774				11.5		20.0			
MTBE	0.7158 0.5871	0.7286	0.6956	0.7018	0.6818	Ave		0.6851			0.1000	7.4		20.0			
trans-1,2-Dichloroethene	0.3166 0.2166	0.2815	0.2804	0.2647	0.2330	Ave		0.2655			0.1000	13.6		20.0			
Acrylonitrile	3.1279 3.0767	2.8865	2.9926	2.9507	3.3274	Ave		3.0603				5.1		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-309671-1 Analy Batch No.: 991329

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/19/2024 23:44 Calibration End Date: 08/20/2024 03:01 Calibration ID: 98361

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Hexane	0.4189 0.3314	0.4116	0.4663	0.4461	0.3464	Ave		0.4035				13.4		20.0			
Isopropyl ether	0.8940 0.7406	0.8517	0.8518	0.8421	0.7532	Ave		0.8222				7.4		20.0			
1,1-Dichloroethane	0.4732 0.4053	0.4862	0.4827	0.4613	0.4338	Ave		0.4571			0.2000	6.9		20.0			
Vinyl acetate	0.0558 0.0414	0.0578	0.0553	0.0548	0.0494	Ave		0.0524				11.6		20.0			
2-Chloro-1,3-butadiene	0.2094 0.1646	0.2321	0.2327	0.2231	0.1854	Ave		0.2079				13.3		20.0			
Tert-butyl ethyl ether	0.7866 0.7042	0.7937	0.7753	0.7782	0.7006	Ave		0.7565				5.6		20.0			
2,2-Dichloropropane	0.1503 +++++	0.1322	0.1239	0.1226	0.0990	Ave		0.1256				14.8		20.0			
cis-1,2-Dichloroethene	0.3198 0.2332	0.2721	0.2662	0.2685	0.2537	Ave		0.2689			0.1000	10.7		20.0			
2-Butanone (MEK)	0.4297 0.2677	0.2780	0.2698	0.2558	0.2738	Lin2	0.8303	0.2605			0.0500				0.9980		0.9900
Ethyl acetate	0.2082 0.2511	0.2177	0.2354	0.2322	0.2322	Ave		0.2295				6.5		20.0			
Methyl acrylate	0.2471 0.2231	0.2269	0.2269	0.2372	0.2211	Ave		0.2304				4.3		20.0			
Propionitrile	0.3587 0.3230	0.3258	0.3108	0.3114	0.2969	Ave		0.3211				6.6		20.0			
Tetrahydrofuran	0.3651 0.2832	0.2907	0.2843	0.2892	0.2877	Ave		0.3000				10.7		20.0			
Chlorobromomethane	0.1356 0.0995	0.1163	0.1110	0.1102	0.1036	Ave		0.1127				11.2		20.0			
Methacrylonitrile	0.1011 0.0701	0.1113	0.0997	0.1021	0.0870	Ave		0.0952				15.3		20.0			
Chloroform	0.4299 0.3768	0.4639	0.4416	0.4371	0.4200	Ave		0.4282			0.2000	6.8		20.0			
Cyclohexane	0.3725 0.3209	0.3772	0.4009	0.3974	0.3442	Ave		0.3688			0.1000	8.4		20.0			
1,1,1-Trichloroethane	0.3882 0.3598	0.3802	0.3860	0.3843	0.3748	Ave		0.3789			0.1000	2.8		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-309671-1 Analy Batch No.: 991329

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/19/2024 23:44 Calibration End Date: 08/20/2024 03:01 Calibration ID: 98361

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Carbon tetrachloride	0.2847 0.2213	0.3136	0.3166	0.3208	0.2841	Ave		0.2902			0.1000	12.9		20.0			
1,1-Dichloropropene	0.3693 0.3429	0.3655	0.3718	0.3726	0.3528	Ave		0.3625				3.3		20.0			
Isobutyl alcohol	0.6476 0.6890	0.6296	0.6744	0.6894	0.7598	Ave		0.6816				6.6		20.0			
Isooctane	0.9116 0.8345	0.9597	1.0767	1.0855	0.9120	Ave		0.9633				10.4		20.0			
Benzene	1.5762 1.3231	1.5234	1.4775	1.4381	1.3778	Ave		1.4527			0.5000	6.4		20.0			
Tert-amyl methyl ether	0.2114 0.1937	0.2326	0.2134	0.2270	0.2030	Ave		0.2135				6.8		20.0			
Isopropyl acetate	0.1575 0.1186	0.1461	0.1320	0.1342	0.1291	Ave		0.1363				10.0		20.0			
1,2-Dichloroethane	0.3398 0.2915	0.3359	0.3025	0.3154	0.3138	Ave		0.3165			0.1000	5.9		20.0			
n-Heptane	0.3872 0.3923	0.4127	0.4655	0.4738	0.4029	Ave		0.4224				8.9		20.0			
n-Butanol	0.2641 0.3048	0.2745	0.2716	0.2878	0.3124	Ave		0.2859				6.8		20.0			
Trichloroethene	0.2836 0.2317	0.2747	0.2654	0.2657	0.2530	Ave		0.2623			0.2000	6.9		20.0			
Methylcyclohexane	0.4151 0.4064	0.4285	0.4893	0.4835	0.4304	Ave		0.4422			0.1000	8.0		20.0			
Ethyl acrylate	0.3390 0.3652	0.3812	0.3584	0.3679	0.3492	Ave		0.3601				4.1		20.0			
1,2-Dichloropropane	0.2649 0.2515	0.2748	0.2620	0.2674	0.2644	Ave		0.2642			0.1000	2.9		20.0			
Methyl methacrylate	0.0653 0.0558	0.0681	0.0642	0.0673	0.0610	Ave		0.0636				7.2		20.0			
1,4-Dioxane	1.0756 0.9947	1.3845	1.0956	1.0993	1.1156	Ave		1.1275				11.8		20.0			
Dibromomethane	0.1733 0.1212	0.1680	0.1570	0.1611	0.1421	Ave		0.1538				12.5		20.0			
n-Propyl acetate	0.3632 0.3838	0.4069	0.3679	0.4024	0.3816	Ave		0.3843				4.6		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-309671-1 Analy Batch No.: 991329

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/19/2024 23:44 Calibration End Date: 08/20/2024 03:01 Calibration ID: 98361

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dichlorobromomethane	0.3038 0.3123	0.3213	0.3184	0.3299	0.3283	Ave		0.3190			0.2000	3.1		20.0			
2-Nitropropane	0.0991 0.0628	0.0705	0.0654	0.0674	0.0637	Ave		0.0715				19.3		20.0			
2-Chloroethyl vinyl ether	0.1355 0.0813	0.1676	0.1317	0.1384	0.0941	QuaF		0.1086	-0.000055						0.9970		0.9900
Epichlorohydrin	0.1724 0.1360	0.1926	0.1701	0.1854	0.1621	Ave		0.1698				11.7		20.0			
cis-1,3-Dichloropropene	0.6176 0.6656	0.6342	0.6116	0.6284	0.6424	Ave		0.6333			0.2000	3.1		20.0			
4-Methyl-2-pentanone (MIBK)	2.1597 2.0750	2.1645	2.1869	2.2368	2.2335	Ave		2.1761			0.0500	2.7		20.0			
Toluene	1.5935 1.4687	1.5703	1.5492	1.5342	1.4908	Ave		1.5345			0.4000	3.1		20.0			
trans-1,3-Dichloropropene	0.5849 0.5870	0.5759	0.5440	0.5659	0.5731	Ave		0.5718			0.1000	2.7		20.0			
Ethyl methacrylate	0.2919 0.3206	0.3627	0.3255	0.3503	0.3502	Ave		0.3335				7.8		20.0			
1,1,2-Trichloroethane	0.3554 0.2867	0.2891	0.2698	0.2790	0.2896	Ave		0.2949			0.1000	10.4		20.0			
Tetrachloroethene	0.3810 0.3540	0.3552	0.3542	0.3513	0.3430	Ave		0.3565			0.2000	3.6		20.0			
1,3-Dichloropropane	0.5368 0.5925	0.5524	0.5311	0.5598	0.5755	Ave		0.5580				4.2		20.0			
2-Hexanone	1.5312 1.5965	1.5846	1.5378	1.6190	1.6902	Ave		1.5932			0.0500	3.7		20.0			
n-Butyl acetate	0.1181 0.1077	0.1132	0.0971	0.1075	0.0994	Ave		0.1072				7.4		20.0			
Chlorodibromomethane	0.3356 0.4049	0.3431	0.3534	0.3624	0.3884	Ave		0.3646			0.1000	7.4		20.0			
Ethylene Dibromide	0.3333 0.3599	0.3387	0.3211	0.3234	0.3417	Ave		0.3363			0.1000	4.2		20.0			
Chlorobenzene	0.9914 0.9290	1.0025	0.9547	0.9682	0.9529	Ave		0.9665			0.5000	2.8		20.0			
Ethylbenzene	0.5164 0.4422	0.5349	0.5184	0.5208	0.4879	Ave		0.5034			0.1000	6.7		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-309671-1 Analy Batch No.: 991329

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/19/2024 23:44 Calibration End Date: 08/20/2024 03:01 Calibration ID: 98361

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,1,1,2-Tetrachloroethane	0.3429 0.3215	0.3414	0.3389	0.3403	0.3357	Ave		0.3368				2.3		20.0			
m-Xylene & p-Xylene	0.6635 0.6151	0.6441	0.6443	0.6473	0.6296	Ave		0.6406			0.1000	2.6		20.0			
n-Butyl acrylate	0.3759 0.2768	0.3054	0.2731	0.3049	0.2716	Ave		0.3013				13.2		20.0			
o-Xylene	0.6321 0.5346	0.6318	0.6148	0.6165	0.5795	Ave		0.6015			0.3000	6.3		20.0			
Styrene	1.0413 0.9707	1.0866	1.0563	1.0584	1.0243	Ave		1.0396			0.3000	3.8		20.0			
Amyl acetate (mixed isomers)	1.3098 1.2024	1.4339	1.3011	1.3349	1.2469	Ave		1.3048				6.1		20.0			
Bromoform	0.2148 0.2803	0.2357	0.2244	0.2414	0.2620	Ave		0.2431			0.1000	10.0		20.0			
Isopropylbenzene	1.5321 1.4267	1.4739	1.4761	1.4842	1.4721	Ave		1.4775			0.1000	2.3		20.0			
Bromobenzene	0.7619 0.6264	0.7915	0.7289	0.7279	0.7022	Ave		0.7232				7.8		20.0			
1,1,2,2-Tetrachloroethane	0.8704 0.7674	0.9061	0.8471	0.8691	0.8652	Ave		0.8542			0.3000	5.5		20.0			
N-Propylbenzene	4.0817 3.1622	4.1717	4.0393	3.9679	3.7909	Ave		3.8689				9.5		20.0			
1,2,3-Trichloropropane	0.2558 0.2044	0.2655	0.2274	0.2383	0.2393	Ave		0.2385				9.0		20.0			
trans-1,4-Dichloro-2-butene	0.2811 0.2804	0.3090	0.2687	0.2803	0.2972	Ave		0.2861				5.0		20.0			
4-Ethyltoluene	3.1042 2.1915	3.2972	3.1956	3.1414	2.6347	Ave		2.9274				14.6		20.0			
2-Chlorotoluene	2.7031 1.9686	2.7712	2.6667	2.6346	2.4358	Ave		2.5300				11.7		20.0			
1,3,5-Trimethylbenzene	2.6203 2.1786	2.7578	2.6422	2.6516	2.5792	Ave		2.5716				7.8		20.0			
4-Chlorotoluene	2.4096 2.0311	2.5526	2.4732	2.4636	2.4274	Ave		2.3929				7.7		20.0			
Butyl Methacrylate	0.9350 0.7988	1.0366	0.9953	0.9992	0.9106	Ave		0.9459				9.0		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-309671-1 Analy Batch No.: 991329

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/19/2024 23:44 Calibration End Date: 08/20/2024 03:01 Calibration ID: 98361

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
tert-Butylbenzene	2.3682 1.8670	2.3107	2.2893	2.2731	2.1891	Ave		2.2162				8.2		20.0			
1,2,4-Trimethylbenzene	2.7157 2.2013	2.7502	2.6659	2.6248	2.5292	Ave		2.5812				7.8		20.0			
sec-Butylbenzene	3.4558 2.8453	3.6296	3.5543	3.4904	3.3019	Ave		3.3795				8.4		20.0			
4-Isopropyltoluene	2.8073 2.1227	2.9440	2.9482	2.8981	2.6449	Ave		2.7275				11.6		20.0			
1,3-Dichlorobenzene	1.4819 1.1081	1.5212	1.4214	1.4172	1.3272	Ave		1.3795			0.6000	10.8		20.0			
1,4-Dichlorobenzene	1.5699 1.0873	1.5466	1.4813	1.4288	1.3237	Ave		1.4063			0.5000	12.8		20.0			
1,2,3-Trimethylbenzene	2.7433 2.0707	2.9867	2.7957	2.7766	2.4026	Ave		2.6293				12.7		20.0			
Benzyl chloride	0.3369 0.3303	0.3770	0.3539	0.3622	0.3410	Ave		0.3502				5.0		20.0			
Indan	1.0275 0.7891	1.0210	0.9849	1.0059	0.8737	Ave		0.9504				10.2		20.0			
p-Diethylbenzene	1.9570 1.4577	2.0239	1.9493	1.9090	1.6643	Ave		1.8269				12.0		20.0			
n-Butylbenzene	1.6505 1.3204	1.7163	1.6684	1.6572	1.5701	Ave		1.5971				9.0		20.0			
1,2-Dichlorobenzene	1.3911 1.2219	1.4256	1.3685	1.3445	1.3476	Ave		1.3499			0.4000	5.2		20.0			
1,2,4,5-Tetramethylbenzene	2.5535 2.1101	2.7479	2.6942	2.6558	2.2995	Ave		2.5102				10.0		20.0			
1,2-Dibromo-3-Chloropropane	0.1692 0.1849	0.2030	0.1819	0.1820	0.1934	Ave		0.1857			0.0500	6.2		20.0			
1,3,5-Trichlorobenzene	1.1036 0.8917	1.0972	1.0691	1.0316	0.9188	Ave		1.0186				9.0		20.0			
1,2,4-Trichlorobenzene	0.9606 0.8104	0.9778	0.9427	0.9275	0.8885	Ave		0.9179			0.2000	6.6		20.0			
Hexachlorobutadiene	0.4557 0.4652	0.4667	0.4903	0.4568	0.4647	Ave		0.4666				2.7		20.0			
Naphthalene	2.5129 2.2440	2.6575	2.4280	2.4228	2.4423	Ave		2.4513				5.5		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-309671-1 Analy Batch No.: 991329

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 08/19/2024 23:44 Calibration End Date: 08/20/2024 03:01 Calibration ID: 98361

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2,3-Trichlorobenzene	0.9080 0.7742	0.8735	0.8620	0.8358	0.8271	Ave		0.8468				5.4		20.0			
Dibromofluoromethane (Surr)	0.2348 0.2329	0.2226	0.2037	0.2328	0.2351	Ave		0.2270				5.4		20.0			
1,2-Dichloroethane-d4 (Surr)	0.2499 0.2258	0.2385	0.2200	0.2550	0.2686	Ave		0.2430				7.6		20.0			
Toluene-d8 (Surr)	1.2538 1.4166	1.1632	1.0884	1.2403	1.3026	Ave		1.2442				9.1		20.0			
4-Bromofluorobenzene	0.6853 0.6698	0.6488	0.6004	0.6737	0.6808	Ave		0.6598				4.8		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-309671-1 | Analy Batch No.: 991329

SDG No.:

Instrument ID: CVOAMS4 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) Y

Calibration Start Date: 08/19/2024 23:44 | Calibration End Date: 08/20/2024 03:01 | Calibration ID: 98361

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-991329/6	D18722.D
Level 2	STD5 460-991329/7	D18723.D
Level 3	STD20 460-991329/3	D18719.D
Level 4	STD50 460-991329/8	D18724.D
Level 5	STD200 460-991329/9	D18725.D
Level 6	STD500 460-991329/10	D18726.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Chlorotrifluoroethene	FB	Ave	1278 572283	5295	27269	60433	213256	1.00 500	5.00	20.0	50.0	200
Dichlorodifluoromethane	FB	Ave	5626 3887289	28265	141881	314991	1546119	1.00 500	5.00	20.0	50.0	200
Chlorodifluoromethane	FB	Ave	6508 2940706	26776	145728	278858	1117271	1.00 500	5.00	20.0	50.0	200
Chloromethane	FB	Ave	5197 3017787	21575	104196	238097	1079086	1.00 500	5.00	20.0	50.0	200
Vinyl chloride	FB	Ave	2958 1863137	16491	75236	173454	693504	1.00 500	5.00	20.0	50.0	200
Butadiene	FB	Ave	2855 1647218	16587	73895	167466	652150	1.00 500	5.00	20.0	50.0	200
Bromomethane	TBAd9	QuaF	1998 481600	8045	25255	39964	192678	1.00 500	5.00	20.0	50.0	200
Chloroethane	FB	Ave	3087 1177636	14906	68783	150440	584950	1.00 500	5.00	20.0	50.0	200
Trichlorofluoromethane	FB	Ave	6319 3262913	28139	134577	307304	1258351	1.00 500	5.00	20.0	50.0	200
Dichlorofluoromethane	FB	Ave	7896 3888749	38354	171750	388414	1530806	1.00 500	5.00	20.0	50.0	200
Pentane	FB	Ave	2047 +++++	8211	37251	83167	252912	2.00 +++++	10.0	40.0	100	400
Ethanol	TBAd9	Ave	1309 450752	5413	22092	51320	204667	40.0 20000	200	800	2000	8000
Ethyl ether	FB	Lin2	5983 +++++	18908	70248	160321	601916	1.00 +++++	5.00	20.0	50.0	200
2-Methyl-1,3-butadiene	FB	Ave	3514 1363861	17905	87758	190980	596752	1.00 500	5.00	20.0	50.0	200
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	3623 1543236	15798	70436	153403	588304	1.00 500	5.00	20.0	50.0	200
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	5820 2768254	25568	123821	270354	1040140	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-309671-1 | Analy Batch No.: 991329

SDG No.:

Instrument ID: CVOAMS4 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) Y

Calibration Start Date: 08/19/2024 23:44 | Calibration End Date: 08/20/2024 03:01 | Calibration ID: 98361

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	3836 1910628	17938	86622	196835	750445	1.00 500	5.00	20.0	50.0	200
Acrolein	FB	Ave	87266 471953	148879	237528	300506	389206	100 600	200	300	400	500
1,1-Dichloroethene	FB	Ave	3527 1638609	17327	79834	177253	653599	1.00 500	5.00	20.0	50.0	200
Acetone	BUT	Ave	6949 3343525	28984	109184	265261	1269580	5.00 2500	25.0	100	250	1000
Iodomethane	FB	Qua2	1434 1573174	13315	77452	194164	629302	1.00 500	5.00	20.0	50.0	200
Carbon disulfide	FB	Ave	12990 5284024	65792	299347	665134	2080019	1.00 500	5.00	20.0	50.0	200
Isopropyl alcohol	TBAd9	Ave	3476 1585251	16861	65400	153044	601622	10.0 5000	50.0	200	500	2000
3-Chloro-1-propene	FB	Ave	1743 935596	9769	39824	90758	343665	1.00 500	5.00	20.0	50.0	200
Cyclopentene	FB	Ave	7553 3406830	38978	187684	411424	1323661	1.00 500	5.00	20.0	50.0	200
Methyl acetate	FB	Ave	4924 2977789	30323	116866	285072	1159698	2.00 1000	10.0	40.0	100	400
Acetonitrile	FB	Ave	3432 1452849	15024	57750	144434	537519	10.0 5000	50.0	200	500	2000
Methylene Chloride	FB	Ave	5576 1889659	20604	84048	188223	739388	1.00 500	5.00	20.0	50.0	200
2-Methyl-2-propanol	TBAd9	Ave	5467 2002780	27200	95899	232723	817727	10.0 5000	50.0	200	500	2000
MTBE	FB	Ave	10238 4668222	51340	215904	507499	2051248	1.00 500	5.00	20.0	50.0	200
trans-1,2-Dichloroethene	FB	Ave	4528 1722550	19839	87023	191417	700869	1.00 500	5.00	20.0	50.0	200
Acrylonitrile	TBAd9	Ave	12964 6177179	71210	281234	671273	2716179	10.0 5000	50.0	200	500	2000
Hexane	FB	Ave	5991 2634958	29001	144734	322614	1042220	1.00 500	5.00	20.0	50.0	200
Isopropyl ether	FB	Ave	12786 5888736	60015	264383	608957	2265973	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethane	FB	Ave	6768 3223084	34257	149821	333575	1304939	1.00 500	5.00	20.0	50.0	200
Vinyl acetate	FB	Ave	1595 657799	8140	34327	79321	297004	2.00 1000	10.0	40.0	100	400

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-309671-1 | Analy Batch No.: 991329

SDG No.:

Instrument ID: CVOAMS4 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) Y

Calibration Start Date: 08/19/2024 23:44 | Calibration End Date: 08/20/2024 03:01 | Calibration ID: 98361

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
2-Chloro-1,3-butadiene	FB	Ave	2995 1308517	16358	72209	161360	557904	1.00 500	5.00	20.0	50.0	200
Tert-butyl ethyl ether	FB	Ave	11250 5599797	55929	240645	562795	2107669	1.00 500	5.00	20.0	50.0	200
2,2-Dichloropropane	FB	Ave	2150 +++++	9312	38451	88642	297896	1.00 +++++	5.00	20.0	50.0	200
cis-1,2-Dichloroethene	FB	Ave	4574 1854171	19172	82612	194165	763328	1.00 500	5.00	20.0	50.0	200
2-Butanone (MEK)	BUT	Lin2	3375 1099980	12333	47153	109092	473997	5.00 2500	25.0	100	250	1000
Ethyl acetate	BUT	Ave	654 412599	3864	16454	39616	160738	2.00 1000	10.0	40.0	100	400
Methyl acrylate	FB	Ave	3534 1773920	15990	70431	171566	665296	1.00 500	5.00	20.0	50.0	200
Propionitrile	BUT	Ave	5634 2653919	28912	108639	265577	1027866	10.0 5000	50.0	200	500	2000
Tetrahydrofuran	BUT	Ave	1147 465334	5159	19876	49337	199215	2.00 1000	10.0	40.0	100	400
Chlorobromomethane	FB	Ave	1940 791418	8192	34461	79705	311809	1.00 500	5.00	20.0	50.0	200
Methacrylonitrile	FB	Ave	14456 5571139	78457	309364	738692	2617065	10.0 5000	50.0	200	500	2000
Chloroform	FB	Ave	6148 2996155	32688	137049	316104	1263639	1.00 500	5.00	20.0	50.0	200
Cyclohexane	FB	Ave	5328 2551704	26576	124424	287399	1035426	1.00 500	5.00	20.0	50.0	200
1,1,1-Trichloroethane	FB	Ave	5552 2860951	26788	119803	277896	1127475	1.00 500	5.00	20.0	50.0	200
Carbon tetrachloride	FB	Ave	4072 1759643	22099	98276	232006	854778	1.00 500	5.00	20.0	50.0	200
1,1-Dichloropropene	FB	Ave	5282 2727042	25756	115404	269421	1061406	1.00 500	5.00	20.0	50.0	200
Isobutyl alcohol	TBAd9	Ave	6710 3458195	38828	158438	392088	1550490	25.0 12500	125	500	1250	5000
Isooctane	FB	Ave	13037 6635880	67621	334171	785002	2743516	1.00 500	5.00	20.0	50.0	200
Benzene	CBNZd5	Ave	15299 6275366	73525	315456	719426	2766596	1.00 500	5.00	20.0	50.0	200
Tert-amyl methyl ether	FB	Ave	3023 1540301	16388	66229	164175	610789	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-309671-1 | Analy Batch No.: 991329

SDG No.:

Instrument ID: CVOAMS4 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) Y

Calibration Start Date: 08/19/2024 23:44 | Calibration End Date: 08/20/2024 03:01 | Calibration ID: 98361

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Isopropyl acetate	FB	Ave	2253 942923	10292	40984	97067	388257	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane	FB	Ave	4860 2317885	23670	93890	228064	944181	1.00 500	5.00	20.0	50.0	200
n-Heptane	FB	Ave	5538 3119367	29078	144465	342640	1212007	1.00 500	5.00	20.0	50.0	200
n-Butanol	TBAd9	Ave	2736 1530085	16932	63810	163705	637543	25.0 12500	125	500	1250	5000
Trichloroethene	FB	Ave	4056 1842464	19353	82373	192131	761024	1.00 500	5.00	20.0	50.0	200
Methylcyclohexane	FB	Ave	5937 3231432	30196	151876	349630	1294908	1.00 500	5.00	20.0	50.0	200
Ethyl acrylate	FB	Ave	4848 2904223	26858	111249	266064	1050473	1.00 500	5.00	20.0	50.0	200
1,2-Dichloropropane	FB	Ave	3789 1999897	19366	81310	193391	795363	1.00 500	5.00	20.0	50.0	200
Methyl methacrylate	FB	Ave	1869 887313	9603	39863	97356	366863	2.00 1000	10.0	40.0	100	400
1,4-Dioxane	DXE	Ave	800 436621	5736	18537	46234	190264	20.0 10000	100	400	1000	4000
Dibromomethane	FB	Ave	2478 963680	11835	48734	116508	427444	1.00 500	5.00	20.0	50.0	200
n-Propyl acetate	FB	Ave	5194 3051513	28669	114193	290989	1147968	1.00 500	5.00	20.0	50.0	200
Dichlorobromomethane	FB	Ave	4345 2483275	22638	98833	238537	987534	1.00 500	5.00	20.0	50.0	200
2-Nitropropane	FB	Ave	2835 999262	9942	40611	97551	383157	2.00 1000	10.0	40.0	100	400
2-Chloroethyl vinyl ether	FB	QuaF	1943 648405	11840	40966	100296	283820	1.00 501	5.01	20.0	50.1	200
Epichlorohydrin	BUT	Ave	5417 2235381	34187	118908	316211	1122137	20.0 10000	100	400	1000	4000
cis-1,3-Dichloropropene	CBNZd5	Ave	5995 3156812	30610	130570	314394	1289976	1.00 500	5.00	20.0	50.0	200
4-Methyl-2-pentanone (MIBK)	BUT	Ave	16963 8524626	96036	382212	953869	3865870	5.00 2500	25.0	100	250	1000
Toluene	CBNZd5	Ave	15467 6965980	75792	330749	767521	2993520	1.00 500	5.00	20.0	50.0	200
trans-1,3-Dichloropropene	CBNZd5	Ave	5677	27794	116135	283091	1150734	1.00	5.00	20.0	50.0	200

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-309671-1 | Analy Batch No.: 991329

SDG No.:

Instrument ID: CVOAMS4 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) Y

Calibration Start Date: 08/19/2024 23:44 | Calibration End Date: 08/20/2024 03:01 | Calibration ID: 98361

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
			2784148					500				
Ethyl methacrylate	FB	Ave	4175 2549020	25557	101038	253300	1053664	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloroethane	CBNZd5	Ave	3450 1359876	13953	57599	139569	581596	1.00 500	5.00	20.0	50.0	200
Tetrachloroethene	CBNZd5	Ave	3698 1679168	17145	75615	175729	688790	1.00 500	5.00	20.0	50.0	200
1,3-Dichloropropane	CBNZd5	Ave	5210 2810302	26660	113384	280073	1155536	1.00 500	5.00	20.0	50.0	200
2-Hexanone	BUT	Ave	12026 6558896	70309	268753	690439	2925544	5.00 2500	25.0	100	250	1000
n-Butyl acetate	CBNZd5	Ave	1146 510573	5464	20735	53787	199514	1.00 500	5.00	20.0	50.0	200
Chlorodibromomethane	CBNZd5	Ave	3257 1920305	16561	75462	181323	779939	1.00 500	5.00	20.0	50.0	200
Ethylene Dibromide	CBNZd5	Ave	3235 1706899	16345	68547	161793	686140	1.00 500	5.00	20.0	50.0	200
Chlorobenzene	CBNZd5	Ave	9623 4406210	48385	203835	484373	1913421	1.00 500	5.00	20.0	50.0	200
Ethylbenzene	CBNZd5	Ave	5012 2097390	25817	110681	260556	979777	1.00 500	5.00	20.0	50.0	200
1,1,1,2-Tetrachloroethane	CBNZd5	Ave	3328 1524653	16479	72361	170237	674141	1.00 500	5.00	20.0	50.0	200
m-Xylene & p-Xylene	CBNZd5	Ave	6440 2917449	31086	137552	323803	1264249	1.00 500	5.00	20.0	50.0	200
n-Butyl acrylate	CBNZd5	Ave	3649 1312953	14739	58297	152540	545336	1.00 500	5.00	20.0	50.0	200
o-Xylene	CBNZd5	Ave	6135 2535459	30495	131251	308418	1163679	1.00 500	5.00	20.0	50.0	200
Styrene	CBNZd5	Ave	10107	52442	225528	529467	2056857	1.00	5.00	20.0	50.0	200

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-309671-1 | Analy Batch No.: 991329

SDG No.:

Instrument ID: CVOAMS4 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) Y

Calibration Start Date: 08/19/2024 23:44 | Calibration End Date: 08/20/2024 03:01 | Calibration ID: 98361

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
			4603760					500				
Amyl acetate (mixed isomers)	DCBd4	Ave	6548 3398416	34494	142279	348111	1333409	1.00 500	5.00	20.0	50.0	200
Bromoform	CBNZd5	Ave	2085 1329216	11374	47913	120742	526108	1.00 500	5.00	20.0	50.0	200
Isopropylbenzene	CBNZd5	Ave	14871 6766524	71138	315156	742487	2956097	1.00 500	5.00	20.0	50.0	200
Bromobenzene	DCBd4	Ave	3809 1770461	19041	79712	189831	750896	1.00 500	5.00	20.0	50.0	200
1,1,2,2-Tetrachloroethane	DCBd4	Ave	4351 2168832	21797	92630	226638	925290	1.00 500	5.00	20.0	50.0	200
N-Propylbenzene	DCBd4	Ave	20405 8937266	100352	441716	1034755	4053998	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichloropropane	DCBd4	Ave	1279 577783	6386	24867	62139	255916	1.00 500	5.00	20.0	50.0	200
trans-1,4-Dichloro-2-butene	DCBd4	Ave	1405 792498	7434	29385	73099	317801	1.00 500	5.00	20.0	50.0	200
4-Ethyltoluene	DCBd4	Ave	15518 6193913	79316	349454	819212	2817615	1.00 500	5.00	20.0	50.0	200
2-Chlorotoluene	DCBd4	Ave	13513 5563798	66664	291621	687057	2604896	1.00 500	5.00	20.0	50.0	200
1,3,5-Trimethylbenzene	DCBd4	Ave	13099 6157454	66342	288943	691475	2758199	1.00 500	5.00	20.0	50.0	200
4-Chlorotoluene	DCBd4	Ave	12046 5740533	61404	270453	642455	2595929	1.00 500	5.00	20.0	50.0	200
Butyl Methacrylate	DCBd4	Ave	4674 2257526	24937	108838	260580	973779	1.00 500	5.00	20.0	50.0	200
tert-Butylbenzene	DCBd4	Ave	11839 5276725	55585	250350	592781	2341049	1.00 500	5.00	20.0	50.0	200
1,2,4-Trimethylbenzene	DCBd4	Ave	13576 6221522	66158	291533	684495	2704809	1.00 500	5.00	20.0	50.0	200
sec-Butylbenzene	DCBd4	Ave	17276 8041717	87312	388676	910224	3531060	1.00 500	5.00	20.0	50.0	200
4-Isopropyltoluene	DCBd4	Ave	14034 5999266	70820	322397	755776	2828452	1.00 500	5.00	20.0	50.0	200
1,3-Dichlorobenzene	DCBd4	Ave	7408 3131821	36594	155433	369590	1419322	1.00 500	5.00	20.0	50.0	200
1,4-Dichlorobenzene	DCBd4	Ave	7848 3072879	37205	161989	372593	1415553	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-309671-1 | Analy Batch No.: 991329

SDG No.:

Instrument ID: CVOAMS4 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) Y

Calibration Start Date: 08/19/2024 23:44 | Calibration End Date: 08/20/2024 03:01 | Calibration ID: 98361

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,2,3-Trimethylbenzene	DCBd4	Ave	13714 5852497	71846	305729	724086	2569378	1.00 500	5.00	20.0	50.0	200
Benzyl chloride	DCBd4	Ave	1684 933617	9070	38696	94463	364694	1.00 500	5.00	20.0	50.0	200
Indan	FB	Ave	14695 6274607	71942	305697	727440	2628548	1.00 500	5.00	20.0	50.0	200
p-Diethylbenzene	DCBd4	Ave	9783 4119935	48686	213169	497835	1779811	1.00 500	5.00	20.0	50.0	200
n-Butylbenzene	DCBd4	Ave	8251 3731725	41287	182450	432167	1679049	1.00 500	5.00	20.0	50.0	200
1,2-Dichlorobenzene	DCBd4	Ave	6954 3453553	34294	149648	350606	1441157	1.00 500	5.00	20.0	50.0	200
1,2,4,5-Tetramethylbenzene	DCBd4	Ave	12765 5963785	66103	294629	692574	2459139	1.00 500	5.00	20.0	50.0	200
1,2-Dibromo-3-Chloropropane	DCBd4	Ave	846 522456	4883	19897	47462	206790	1.00 500	5.00	20.0	50.0	200
1,3,5-Trichlorobenzene	DCBd4	Ave	5517 2520065	26394	116907	269025	982540	1.00 500	5.00	20.0	50.0	200
1,2,4-Trichlorobenzene	DCBd4	Ave	4802 2290369	23521	103093	241868	950133	1.00 500	5.00	20.0	50.0	200
Hexachlorobutadiene	DCBd4	Ave	2278 1314700	11227	53617	119118	496983	1.00 500	5.00	20.0	50.0	200
Naphthalene	DCBd4	Ave	12562 6342285	63929	265518	631822	2611854	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichlorobenzene	DCBd4	Ave	4539 2188188	21012	94261	217969	884551	1.00 500	5.00	20.0	50.0	200
Dibromofluoromethane (Surr)	FB	Ave	167914 185230	156867	158081	168369	176798	50.0 50.0	50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	178701 179572	168077	170689	184406	202037	50.0 50.0	50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZd5	Ave	608502 671891	561432	580915	620496	653926	50.0 50.0	50.0	50.0	50.0	50.0
4-Bromofluorobenzene	DCBd4	Ave	171299 189303	156078	164145	175680	182027	50.0 50.0	50.0	50.0	50.0	50.0

Curve Type Legend:

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD
Qua2 = Quadratic 1/conc^2 ISTD
QuaF = Quadratic ISTD forced zero

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20240819-179789.b\D18719.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 19-Aug-2024 23:44:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Operator ID: Instrument ID: CVOAMS4
Sublist: chrom-8260S_4*sub48

Method: \\chromfs\Edison\ChromData\CVOAMS4\20240819-179789.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 30-Aug-2024 08:02:46 Calib Date: 20-Aug-2024 03:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20240819-179789.b\D18726.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1608

First Level Reviewer: HVW2 Date: 20-Aug-2024 00:16:30

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.356	1.356	0.000	94	27269	20.0	22.0	
2 Dichlorodifluoromethane	85	1.392	1.392	0.000	99	141881	20.0	20.4	
3 Chlorodifluoromethane	51	1.435	1.435	0.000	97	145728	20.0	23.2	M
4 Chloromethane	50	1.607	1.607	0.000	99	104196	20.0	19.4	
5 Vinyl chloride	62	1.678	1.678	0.000	98	75236	20.0	21.0	
6 Butadiene	54	1.707	1.707	0.000	95	73895	20.0	21.5	
7 Bromomethane	94	2.001	2.001	0.000	97	25255	20.0	23.7	
8 Chloroethane	64	2.101	2.101	0.000	99	68783	20.0	22.2	
9 Trichlorofluoromethane	101	2.323	2.323	0.000	98	134577	20.0	20.6	
10 Dichlorofluoromethane	67	2.323	2.323	0.000	97	171750	20.0	20.9	
11 Pentane	72	2.373	2.373	0.000	96	37251	40.0	41.5	
12 Ethanol	46	2.581	2.581	0.000	99	22092	800.0	767.0	
13 Ethyl ether	59	2.617	2.617	0.000	96	70248	20.0	20.2	
14 2-Methyl-1,3-butadiene	53	2.624	2.624	0.000	97	87758	20.0	24.0	
15 1,2-Dichloro-1,1,2-trifluoroetha	117	2.681	2.681	0.000	88	70436	20.0	20.8	
16 1,1,1-Trifluoro-2,2-dichloroetha	83	2.746	2.746	0.000	96	123821	20.0	21.4	
17 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.803	2.803	0.000	89	86622	20.0	21.4	
18 Acrolein	56	2.810	2.810	0.000	96	237528	300.0	288.8	
19 1,1-Dichloroethene	96	2.839	2.839	0.000	98	79834	20.0	21.8	
20 Acetone	43	2.953	2.953	0.000	87	109184	100.0	86.5	
21 Iodomethane	142	3.004	3.004	0.000	100	77452	20.0	20.8	
22 Carbon disulfide	76	3.032	3.032	0.000	100	299347	20.0	22.8	
23 Isopropyl alcohol	45	3.082	3.082	0.000	99	65400	200.0	189.0	
24 3-Chloro-1-propene	76	3.226	3.226	0.000	92	39824	20.0	20.6	
25 Cyclopentene	67	3.233	3.233	0.000	95	187684	20.0	23.2	
26 Methyl acetate	43	3.247	3.247	0.000	100	116866	40.0	39.2	M
27 Acetonitrile	40	3.304	3.304	0.000	99	57750	200.0	186.0	
28 Methylene Chloride	84	3.376	3.376	0.000	94	84048	20.0	19.2	
* 29 TBA-d9 (IS)	65	3.390	3.390	0.000	0	469887	1000.0	1000.0	
30 2-Methyl-2-propanol	59	3.469	3.469	0.000	99	95899	200.0	189.4	
31 Methyl tert-butyl ether	73	3.569	3.569	0.000	97	215904	20.0	20.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 trans-1,2-Dichloroethene	96	3.598	3.598	0.000	96	87023	20.0	21.1	
33 Acrylonitrile	53	3.691	3.691	0.000	94	281234	200.0	195.6	
34 Hexane	57	3.791	3.791	0.000	94	144734	20.0	23.1	
35 Isopropyl ether	45	4.064	4.064	0.000	97	264383	20.0	20.7	
36 1,1-Dichloroethane	63	4.078	4.078	0.000	99	149821	20.0	21.1	
37 Vinyl acetate	86	4.121	4.121	0.000	100	34327	40.0	42.2	
38 2-Chloro-1,3-butadiene	88	4.135	4.135	0.000	92	72209	20.0	22.4	
39 Tert-butyl ethyl ether	59	4.443	4.443	0.000	89	240645	20.0	20.5	
40 2,2-Dichloropropane	79	4.672	4.672	0.000	95	38451	20.0	19.7	
* 41 2-Butanone-d5	46	4.680	4.680	0.000	93	436924	250.0	250.0	
42 cis-1,2-Dichloroethene	96	4.715	4.715	0.000	98	82612	20.0	19.8	
43 2-Butanone (MEK)	72	4.744	4.744	0.000	99	47153	100.0	100.4	
44 Ethyl acetate	70	4.766	4.766	0.000	98	16454	40.0	41.0	
45 Methyl acrylate	55	4.823	4.823	0.000	99	70431	20.0	19.7	
46 Propionitrile	54	4.902	4.902	0.000	98	108639	200.0	193.6	
47 Tetrahydrofuran	72	4.981	4.981	0.000	94	19876	40.0	37.9	
48 Chlorobromomethane	128	4.988	4.988	0.000	93	34461	20.0	19.7	
49 Methacrylonitrile	67	5.031	5.031	0.000	93	309364	200.0	209.4	
50 Chloroform	83	5.059	5.059	0.000	99	137049	20.0	20.6	
51 Cyclohexane	84	5.195	5.195	0.000	93	124424	20.0	21.7	
52 1,1,1-Trichloroethane	97	5.217	5.217	0.000	98	119803	20.0	20.4	
$ 53 Dibromofluoromethane (Surr)	113	5.253	5.253	0.000	96	158081	50.0	44.9	
54 Carbon tetrachloride	117	5.360	5.360	0.000	98	98276	20.0	21.8	
55 1,1-Dichloropropene	75	5.410	5.410	0.000	97	115404	20.0	20.5	
56 Isobutyl alcohol	43	5.611	5.611	0.000	91	158438	500.0	494.7	
137 Isooctane	57	5.625	5.625	0.000	96	334171	20.0	22.4	a
57 Benzene	78	5.647	5.647	0.000	97	315456	20.0	20.3	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.675	5.675	0.000	98	170689	50.0	45.3	
59 Tert-amyl methyl ether	87	5.754	5.754	0.000	92	66229	20.0	20.0	
60 Isopropyl acetate	61	5.768	5.768	0.000	99	40984	20.0	19.4	
61 1,2-Dichloroethane	62	5.768	5.768	0.000	96	93890	20.0	19.1	
62 n-Heptane	43	5.869	5.869	0.000	93	144465	20.0	22.0	
* 63 Fluorobenzene	96	6.012	6.012	0.000	98	775926	50.0	50.0	
64 n-Butanol	56	6.435	6.435	0.000	90	63810	500.0	475.0	
65 Trichloroethene	95	6.449	6.449	0.000	98	82373	20.0	20.2	
66 Methylcyclohexane	83	6.592	6.592	0.000	96	151876	20.0	22.1	
67 Ethyl acrylate	55	6.635	6.635	0.000	99	111249	20.0	19.9	
68 1,2-Dichloropropane	63	6.800	6.800	0.000	91	81310	20.0	19.8	
* 69 1,4-Dioxane-d8	96	6.872	6.872	0.000	0	42298	1000.0	1000.0	
70 Methyl methacrylate	100	6.922	6.922	0.000	92	39863	40.0	40.4	
71 1,4-Dioxane	88	6.936	6.936	0.000	86	18537	400.0	388.7	
72 Dibromomethane	93	6.943	6.943	0.000	93	48734	20.0	20.4	
73 n-Propyl acetate	43	6.993	6.993	0.000	99	114193	20.0	19.1	
74 Dichlorobromomethane	83	7.122	7.122	0.000	99	98833	20.0	20.0	
75 2-Nitropropane	41	7.473	7.473	0.000	99	40611	40.0	36.6	
76 2-Chloroethyl vinyl ether	63	7.480	7.480	0.000	97	40966	20.0	24.6	
77 Epichlorohydrin	57	7.574	7.574	0.000	98	118908	400.0	400.8	
78 cis-1,3-Dichloropropene	75	7.624	7.624	0.000	95	130570	20.0	19.3	
79 4-Methyl-2-pentanone (MIBK)	43	7.781	7.781	0.000	98	382212	100.0	100.5	
$ 80 Toluene-d8 (Surr)	98	7.846	7.846	0.000	99	580915	50.0	43.7	
81 Toluene	91	7.910	7.910	0.000	93	330749	20.0	20.2	
82 trans-1,3-Dichloropropene	75	8.211	8.211	0.000	98	116135	20.0	19.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Ethyl methacrylate	69	8.247	8.247	0.000	89	101038	20.0	19.5	
84 1,1,2-Trichloroethane	83	8.383	8.383	0.000	96	57599	20.0	18.3	
85 Tetrachloroethene	166	8.412	8.412	0.000	94	75615	20.0	19.9	
86 1,3-Dichloropropane	76	8.541	8.541	0.000	94	113384	20.0	19.0	
87 2-Hexanone	43	8.591	8.591	0.000	98	268753	100.0	96.5	
88 n-Butyl acetate	73	8.677	8.677	0.000	98	20735	20.0	18.1	
89 Chlorodibromomethane	129	8.712	8.712	0.000	98	75462	20.0	19.4	
90 Ethylene Dibromide	107	8.820	8.820	0.000	98	68547	20.0	19.1	
* 91 Chlorobenzene-d5	117	9.200	9.200	0.000	88	533754	50.0	50.0	
92 Chlorobenzene	112	9.228	9.228	0.000	94	203835	20.0	19.8	
93 Ethylbenzene	106	9.293	9.293	0.000	99	110681	20.0	20.6	
94 1,1,1,2-Tetrachloroethane	131	9.300	9.300	0.000	95	72361	20.0	20.1	
95 m-Xylene & p-Xylene	106	9.393	9.393	0.000	0	137552	20.0	20.1	
96 n-Butyl acrylate	73	9.694	9.694	0.000	96	58297	20.0	18.1	
97 o-Xylene	106	9.722	9.722	0.000	93	131251	20.0	20.4	
98 Styrene	104	9.744	9.744	0.000	94	225528	20.0	20.3	
99 Amyl acetate (mixed isomers)	43	9.873	9.873	0.000	89	142279	20.0	19.9	
100 Bromoform	173	9.916	9.916	0.000	94	47913	20.0	18.5	
101 Isopropylbenzene	105	10.002	10.002	0.000	96	315156	20.0	20.0	
$ 102 4-Bromofluorobenzene	174	10.167	10.167	0.000	0	164145	50.0	45.5	
103 Bromobenzene	156	10.274	10.274	0.000	97	79712	20.0	20.2	
104 1,1,2,2-Tetrachloroethane	83	10.295	10.295	0.000	99	92630	20.0	19.8	
105 N-Propylbenzene	91	10.317	10.317	0.000	99	441716	20.0	20.9	
106 1,2,3-Trichloropropane	110	10.338	10.338	0.000	95	24867	20.0	19.1	
107 trans-1,4-Dichloro-2-butene	53	10.346	10.346	0.000	85	29385	20.0	18.8	
108 4-Ethyltoluene	105	10.410	10.410	0.000	98	349454	20.0	21.8	
109 2-Chlorotoluene	91	10.410	10.410	0.000	95	291621	20.0	21.1	
110 1,3,5-Trimethylbenzene	105	10.453	10.453	0.000	93	288943	20.0	20.5	
111 4-Chlorotoluene	91	10.496	10.496	0.000	98	270453	20.0	20.7	
112 Butyl Methacrylate	87	10.518	10.518	0.000	93	108838	20.0	21.0	
113 tert-Butylbenzene	119	10.689	10.689	0.000	93	250350	20.0	20.7	
114 1,2,4-Trimethylbenzene	105	10.740	10.740	0.000	98	291533	20.0	20.7	
115 sec-Butylbenzene	105	10.854	10.854	0.000	99	388676	20.0	21.0	
116 4-Isopropyltoluene	119	10.954	10.954	0.000	97	322397	20.0	21.6	
117 1,3-Dichlorobenzene	146	10.969	10.969	0.000	93	155433	20.0	20.6	
* 118 1,4-Dichlorobenzene-d4	152	11.026	11.026	0.000	97	273388	50.0	50.0	
119 1,4-Dichlorobenzene	146	11.040	11.040	0.000	93	161989	20.0	21.1	
120 1,2,3-Trimethylbenzene	105	11.055	11.055	0.000	99	305729	20.0	21.3	
121 Benzyl chloride	126	11.148	11.148	0.000	98	38696	20.0	20.2	
122 2,3-Dihydroindene	117	11.205	11.205	0.000	94	305697	20.0	20.7	
123 p-Diethylbenzene	119	11.234	11.234	0.000	93	213169	20.0	21.3	
124 n-Butylbenzene	92	11.255	11.255	0.000	97	182450	20.0	20.9	
125 1,2-Dichlorobenzene	146	11.320	11.320	0.000	94	149648	20.0	20.3	
126 1,2,4,5-Tetramethylbenzene	119	11.836	11.836	0.000	97	294629	20.0	21.5	
127 1,2-Dibromo-3-Chloropropane	157	11.950	11.950	0.000	96	19897	20.0	19.6	
128 1,3,5-Trichlorobenzene	180	12.072	12.072	0.000	96	116907	20.0	21.0	
129 1,2,4-Trichlorobenzene	180	12.674	12.674	0.000	94	103093	20.0	20.5	
130 Hexachlorobutadiene	225	12.781	12.781	0.000	89	53617	20.0	21.0	
131 Naphthalene	128	12.953	12.953	0.000	99	265518	20.0	19.8	
132 1,2,3-Trichlorobenzene	180	13.225	13.225	0.000	95	94261	20.0	20.4	
S 133 1,2-Dichloroethene, Total	100				0		40.0	40.9	
S 134 1,3-Dichloropropene, Total	100				0		40.0	38.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 Xylenes, Total	100				0		40.0	40.6	
S 136 Total BTEX	1				0		100.0	101.7	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN W_00172	Amount Added:	3.00	Units: uL	
524FREONS_00022	Amount Added:	2.00	Units: uL	
GASES Li_00598	Amount Added:	2.00	Units: uL	
8260MIX1COMB_00192	Amount Added:	2.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00249	Amount Added:	1.00	Units: uL	Run Reagent

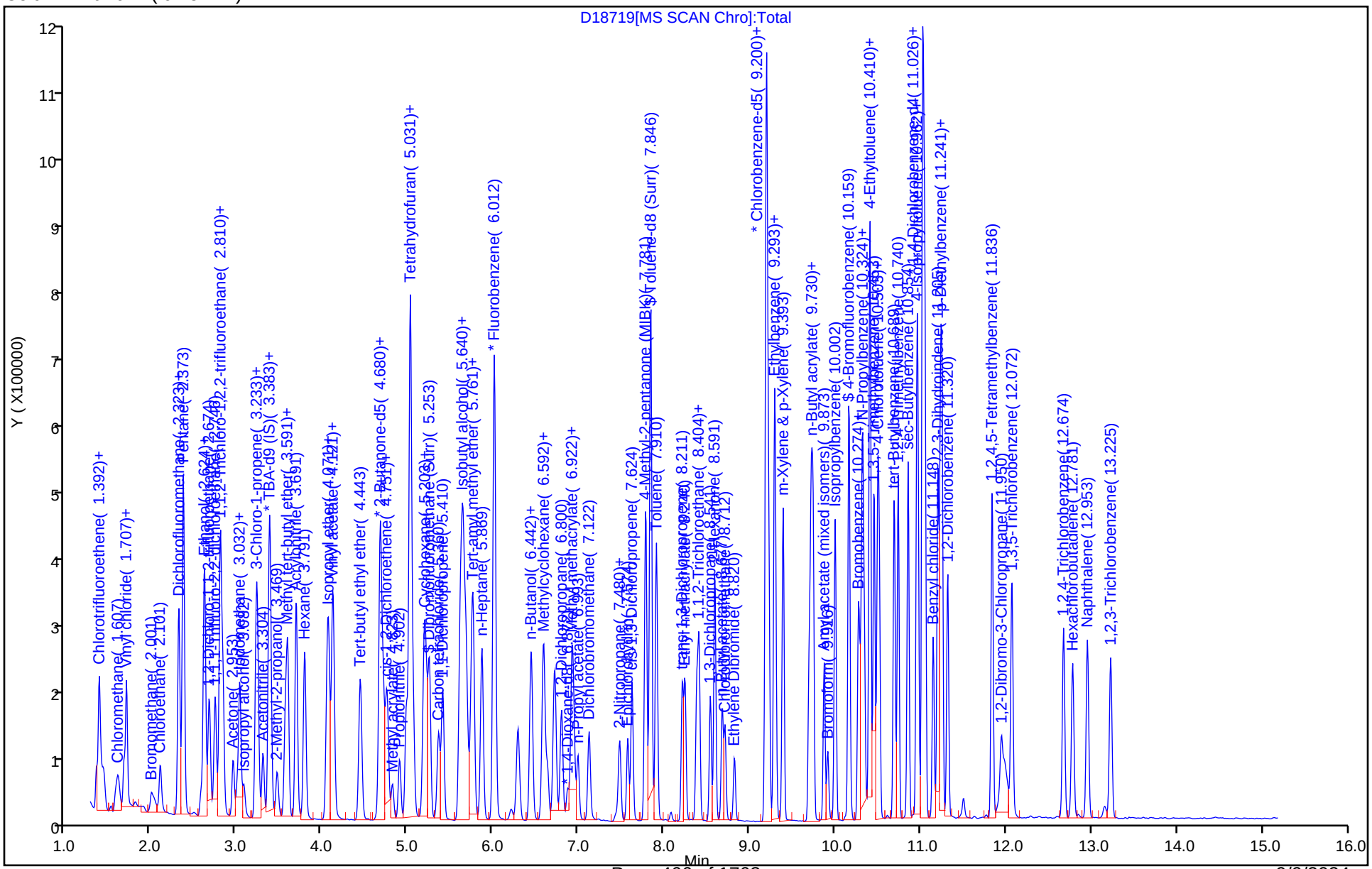
Report Date: 30-Aug-2024 08:02:47 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20240819-179789.b\D18719.D

Injection Date:	19-Aug-2024 23:44:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	STD20			Worklist Smp#:	3
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8260S_4	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



9/9/2024
1:05:41 PM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20240819-179789.b\D18722.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 20-Aug-2024 01:27:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Operator ID: Instrument ID: CVOAMS4
Sublist: chrom-8260S_4*sub48

Method: \\chromfs\Edison\ChromData\CVOAMS4\20240819-179789.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 30-Aug-2024 08:02:51 Calib Date: 20-Aug-2024 03:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20240819-179789.b\D18726.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1608

First Level Reviewer: HVW2 Date: 20-Aug-2024 02:13:17

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1	Chlorotrifluoroethene	116	1.356	1.356	0.000	80	1278	1.00	1.12	
2	Dichlorodifluoromethane	85	1.392	1.392	0.000	98	5626	1.00	0.8774	
3	Chlorodifluoromethane	51	1.442	1.435	0.007	98	6508	1.00	1.12	M
4	Chloromethane	50	1.614	1.607	0.007	82	5197	1.00	1.05	
5	Vinyl chloride	62	1.678	1.678	0.000	98	2958	1.00	0.8941	
6	Butadiene	54	1.707	1.707	0.000	95	2855	1.00	0.9015	
7	Bromomethane	94	2.001	2.001	0.000	91	1998	1.00	2.13	M
8	Chloroethane	64	2.108	2.101	0.007	97	3087	1.00	1.08	M
9	Trichlorofluoromethane	101	2.323	2.323	0.000	84	6319	1.00	1.05	
10	Dichlorofluoromethane	67	2.323	2.323	0.000	94	7896	1.00	1.04	
11	Pentane	72	2.373	2.373	0.000	97	2047	2.00	2.47	
12	Ethanol	46	2.581	2.581	0.000	99	1309	40.0	51.5	
13	Ethyl ether	59	2.610	2.617	-0.007	99	5983	1.00	0.9877	
14	2-Methyl-1,3-butadiene	53	2.624	2.624	0.000	86	3514	1.00	1.04	
15	1,2-Dichloro-1,1,2-trifluoroetha	117	2.674	2.681	-0.007	86	3623	1.00	1.16	
16	1,1,1-Trifluoro-2,2-dichloroetha	83	2.746	2.746	0.000	96	5820	1.00	1.09	
17	1,1,2-Trichloro-1,2,2-trifluoroe	101	2.803	2.803	0.000	85	3836	1.00	1.03	
18	Acrolein	56	2.803	2.810	-0.007	96	87266	100.0	115.1	
19	1,1-Dichloroethene	96	2.839	2.839	0.000	97	3527	1.00	1.04	
20	Acetone	43	2.954	2.953	0.001	88	6949	5.00	6.13	
21	Iodomethane	142	3.004	3.004	0.000	97	1434	1.00	1.02	
22	Carbon disulfide	76	3.032	3.032	0.000	99	12990	1.00	1.07	
23	Isopropyl alcohol	45	3.082	3.082	0.000	98	3476	10.0	11.4	
24	3-Chloro-1-propene	76	3.219	3.226	-0.007	95	1743	1.00	0.9799	
25	Cyclopentene	67	3.233	3.233	0.000	95	7553	1.00	1.01	
26	Methyl acetate	43	3.247	3.247	0.000	98	4924	2.00	1.79	
27	Acetonitrile	40	3.305	3.304	0.000	98	3432	10.0	12.0	
28	Methylene Chloride	84	3.376	3.376	0.000	94	5576	1.00	1.38	
* 29	TBA-d9 (IS)	65	3.383	3.390	-0.007	0	414461	1000.0	1000.0	
30	2-Methyl-2-propanol	59	3.469	3.469	0.000	98	5467	10.0	12.2	
31	Methyl tert-butyl ether	73	3.570	3.569	0.001	96	10238	1.00	1.04	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 trans-1,2-Dichloroethene	96	3.598	3.598	0.000	97	4528	1.00	1.19	
33 Acrylonitrile	53	3.691	3.691	0.000	91	12964	10.0	10.2	
34 Hexane	57	3.792	3.791	0.001	93	5991	1.00	1.04	
35 Isopropyl ether	45	4.057	4.064	-0.007	96	12786	1.00	1.09	
36 1,1-Dichloroethane	63	4.078	4.078	0.000	98	6768	1.00	1.04	
37 Vinyl acetate	86	4.121	4.121	0.000	100	1595	2.00	2.13	
38 2-Chloro-1,3-butadiene	88	4.128	4.135	-0.007	92	2995	1.00	1.01	
39 Tert-butyl ethyl ether	59	4.443	4.443	0.000	88	11250	1.00	1.04	
40 2,2-Dichloropropane	79	4.673	4.672	0.001	64	2150	1.00	1.20	a
* 41 2-Butanone-d5	46	4.673	4.680	-0.007	64	392710	250.0	250.0	
42 cis-1,2-Dichloroethene	96	4.708	4.715	-0.007	97	4574	1.00	1.19	
43 2-Butanone (MEK)	72	4.744	4.744	0.000	97	3375	5.00	5.06	
44 Ethyl acetate	70	4.766	4.766	0.000	94	654	2.00	1.81	
45 Methyl acrylate	55	4.816	4.823	-0.007	99	3534	1.00	1.07	a
46 Propionitrile	54	4.902	4.902	0.000	97	5634	10.0	11.2	
47 Tetrahydrofuran	72	4.981	4.981	0.001	66	1147	2.00	2.43	
48 Chlorobromomethane	128	4.981	4.988	-0.007	90	1940	1.00	1.20	
49 Methacrylonitrile	67	5.031	5.031	0.000	94	14456	10.0	10.6	
50 Chloroform	83	5.059	5.059	0.000	98	6148	1.00	1.00	
51 Cyclohexane	84	5.188	5.195	-0.007	95	5328	1.00	1.01	
52 1,1,1-Trichloroethane	97	5.217	5.217	0.000	98	5552	1.00	1.02	
$ 53 Dibromofluoromethane (Surr)	113	5.253	5.253	0.000	95	167914	50.0	51.7	
54 Carbon tetrachloride	117	5.360	5.360	0.000	98	4072	1.00	0.9811	
55 1,1-Dichloropropene	75	5.403	5.410	-0.007	96	5282	1.00	1.02	
56 Isobutyl alcohol	43	5.611	5.611	0.000	73	6710	25.0	23.8	
137 Isooctane	57	5.625	5.625	0.000	90	13037	1.00	0.9463	a
57 Benzene	78	5.647	5.647	0.000	95	15299	1.00	1.09	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.675	5.675	0.000	97	178701	50.0	51.4	
59 Tert-amyl methyl ether	87	5.754	5.754	0.000	91	3023	1.00	0.9900	
60 Isopropyl acetate	61	5.761	5.768	-0.007	95	2253	1.00	1.16	
61 1,2-Dichloroethane	62	5.769	5.768	0.001	96	4860	1.00	1.07	
62 n-Heptane	43	5.869	5.869	0.000	88	5538	1.00	0.9167	
* 63 Fluorobenzene	96	6.012	6.012	0.000	98	715095	50.0	50.0	
64 n-Butanol	56	6.442	6.435	0.007	80	2736	25.0	23.1	
65 Trichloroethene	95	6.449	6.449	0.000	95	4056	1.00	1.08	
66 Methylcyclohexane	83	6.585	6.592	-0.007	94	5937	1.00	0.9387	
67 Ethyl acrylate	55	6.635	6.635	0.000	97	4848	1.00	0.9412	
68 1,2-Dichloropropane	63	6.800	6.800	0.000	91	3789	1.00	1.00	
* 69 1,4-Dioxane-d8	96	6.872	6.872	0.000	0	37189	1000.0	1000.0	
70 Methyl methacrylate	100	6.922	6.922	0.000	95	1869	2.00	2.05	
71 1,4-Dioxane	88	6.936	6.936	0.000	45	800	20.0	19.1	
72 Dibromomethane	93	6.943	6.943	0.000	91	2478	1.00	1.13	
73 n-Propyl acetate	43	6.993	6.993	0.000	98	5194	1.00	0.9451	
74 Dichlorobromomethane	83	7.122	7.122	0.000	97	4345	1.00	0.9524	
75 2-Nitropropane	41	7.466	7.473	-0.007	85	2835	2.00	2.77	
76 2-Chloroethyl vinyl ether	63	7.481	7.480	0.001	85	1943	1.00	1.25	
77 Epichlorohydrin	57	7.574	7.574	0.000	99	5417	20.0	20.3	
78 cis-1,3-Dichloropropene	75	7.624	7.624	0.000	90	5995	1.00	0.9753	
79 4-Methyl-2-pentanone (MIBK)	43	7.781	7.781	0.000	98	16963	5.00	4.96	
$ 80 Toluene-d8 (Surr)	98	7.839	7.846	-0.007	99	608502	50.0	50.4	
81 Toluene	91	7.910	7.910	0.000	94	15467	1.00	1.04	
82 trans-1,3-Dichloropropene	75	8.211	8.211	0.000	95	5677	1.00	1.02	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Ethyl methacrylate	69	8.240	8.247	-0.007	74	4175	1.00	0.8752	
84 1,1,2-Trichloroethane	83	8.383	8.383	0.000	95	3450	1.00	1.21	
85 Tetrachloroethene	166	8.405	8.412	-0.007	93	3698	1.00	1.07	
86 1,3-Dichloropropane	76	8.541	8.541	0.000	93	5210	1.00	0.9619	
87 2-Hexanone	43	8.591	8.591	0.000	96	12026	5.00	4.81	
88 n-Butyl acetate	73	8.677	8.677	0.000	95	1146	1.00	1.10	
89 Chlorodibromomethane	129	8.713	8.712	0.001	97	3257	1.00	0.9202	
90 Ethylene Dibromide	107	8.820	8.820	0.000	93	3235	1.00	0.99	
* 91 Chlorobenzene-d5	117	9.200	9.200	0.000	88	485309	50.0	50.0	
92 Chlorobenzene	112	9.221	9.228	-0.007	96	9623	1.00	1.03	
93 Ethylbenzene	106	9.293	9.293	0.000	99	5012	1.00	1.03	
94 1,1,1,2-Tetrachloroethane	131	9.300	9.300	0.000	93	3328	1.00	1.02	
95 m-Xylene & p-Xylene	106	9.393	9.393	0.000	0	6440	1.00	1.04	
96 n-Butyl acrylate	73	9.694	9.694	0.000	97	3649	1.00	1.25	
97 o-Xylene	106	9.723	9.722	0.001	93	6135	1.00	1.05	
98 Styrene	104	9.744	9.744	0.000	91	10107	1.00	1.00	
99 Amyl acetate (mixed isomers)	43	9.873	9.873	0.000	90	6548	1.00	1.00	
100 Bromoform	173	9.916	9.916	0.000	90	2085	1.00	0.8837	
101 Isopropylbenzene	105	10.002	10.002	0.000	96	14871	1.00	1.04	
$ 102 4-Bromofluorobenzene	174	10.160	10.167	-0.007	0	171299	50.0	51.9	
103 Bromobenzene	156	10.274	10.274	0.000	97	3809	1.00	1.05	
104 1,1,2,2-Tetrachloroethane	83	10.296	10.295	0.001	97	4351	1.00	1.02	
105 N-Propylbenzene	91	10.317	10.317	0.000	98	20405	1.00	1.06	
106 1,2,3-Trichloropropane	110	10.339	10.338	0.001	95	1279	1.00	1.07	
107 trans-1,4-Dichloro-2-butene	53	10.346	10.346	0.000	79	1405	1.00	0.9823	
108 4-Ethyltoluene	105	10.403	10.410	-0.007	89	15518	1.00	1.06	
109 2-Chlorotoluene	91	10.410	10.410	0.000	95	13513	1.00	1.07	
110 1,3,5-Trimethylbenzene	105	10.453	10.453	0.000	93	13099	1.00	1.02	
111 4-Chlorotoluene	91	10.496	10.496	0.000	97	12046	1.00	1.01	
112 Butyl Methacrylate	87	10.518	10.518	0.000	95	4674	1.00	0.9884	
113 tert-Butylbenzene	119	10.690	10.689	0.001	94	11839	1.00	1.07	
114 1,2,4-Trimethylbenzene	105	10.740	10.740	0.000	98	13576	1.00	1.05	
115 sec-Butylbenzene	105	10.854	10.854	0.000	99	17276	1.00	1.02	
116 4-Isopropyltoluene	119	10.955	10.954	0.001	97	14034	1.00	1.03	
117 1,3-Dichlorobenzene	146	10.969	10.969	0.000	93	7408	1.00	1.07	
* 118 1,4-Dichlorobenzene-d4	152	11.026	11.026	0.000	98	249955	50.0	50.0	
119 1,4-Dichlorobenzene	146	11.041	11.040	0.001	92	7848	1.00	1.12	
120 1,2,3-Trimethylbenzene	105	11.055	11.055	0.000	97	13714	1.00	1.04	a
121 Benzyl chloride	126	11.148	11.148	0.000	97	1684	1.00	0.9618	
122 2,3-Dihydroindene	117	11.205	11.205	0.000	94	14695	1.00	1.08	
123 p-Diethylbenzene	119	11.234	11.234	0.000	90	9783	1.00	1.07	
124 n-Butylbenzene	92	11.248	11.255	-0.007	97	8251	1.00	1.03	
125 1,2-Dichlorobenzene	146	11.320	11.320	0.000	94	6954	1.00	1.03	
126 1,2,4,5-Tetramethylbenzene	119	11.836	11.836	0.000	98	12765	1.00	1.02	
127 1,2-Dibromo-3-Chloropropane	157	11.943	11.950	-0.007	94	846	1.00	0.9112	
128 1,3,5-Trichlorobenzene	180	12.072	12.072	0.000	96	5517	1.00	1.08	
129 1,2,4-Trichlorobenzene	180	12.674	12.674	0.000	93	4802	1.00	1.05	
130 Hexachlorobutadiene	225	12.781	12.781	0.000	87	2278	1.00	0.9767	
131 Naphthalene	128	12.953	12.953	0.000	98	12562	1.00	1.03	
132 1,2,3-Trichlorobenzene	180	13.225	13.225	0.000	94	4539	1.00	1.07	
S 133 1,2-Dichloroethene, Total	100				0		2.00	2.38	
S 134 1,3-Dichloropropene, Total	100				0		2.00	2.00	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 Xylenes, Total	100				0		2.00	2.09	
S 136 Total BTEX	1				0		5.00	5.24	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN W_00172	Amount Added:	10.00	Units: uL	
524FREONS_00022	Amount Added:	1.00	Units: uL	
GASES Li_00598	Amount Added:	1.00	Units: uL	
8260MIX1COMB_00192	Amount Added:	1.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00249	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 30-Aug-2024 08:02:52 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20240819-179789.b\D18722.D

Injection Date: 20-Aug-2024 01:27:30 Instrument ID: CVOAMS4 Operator ID:

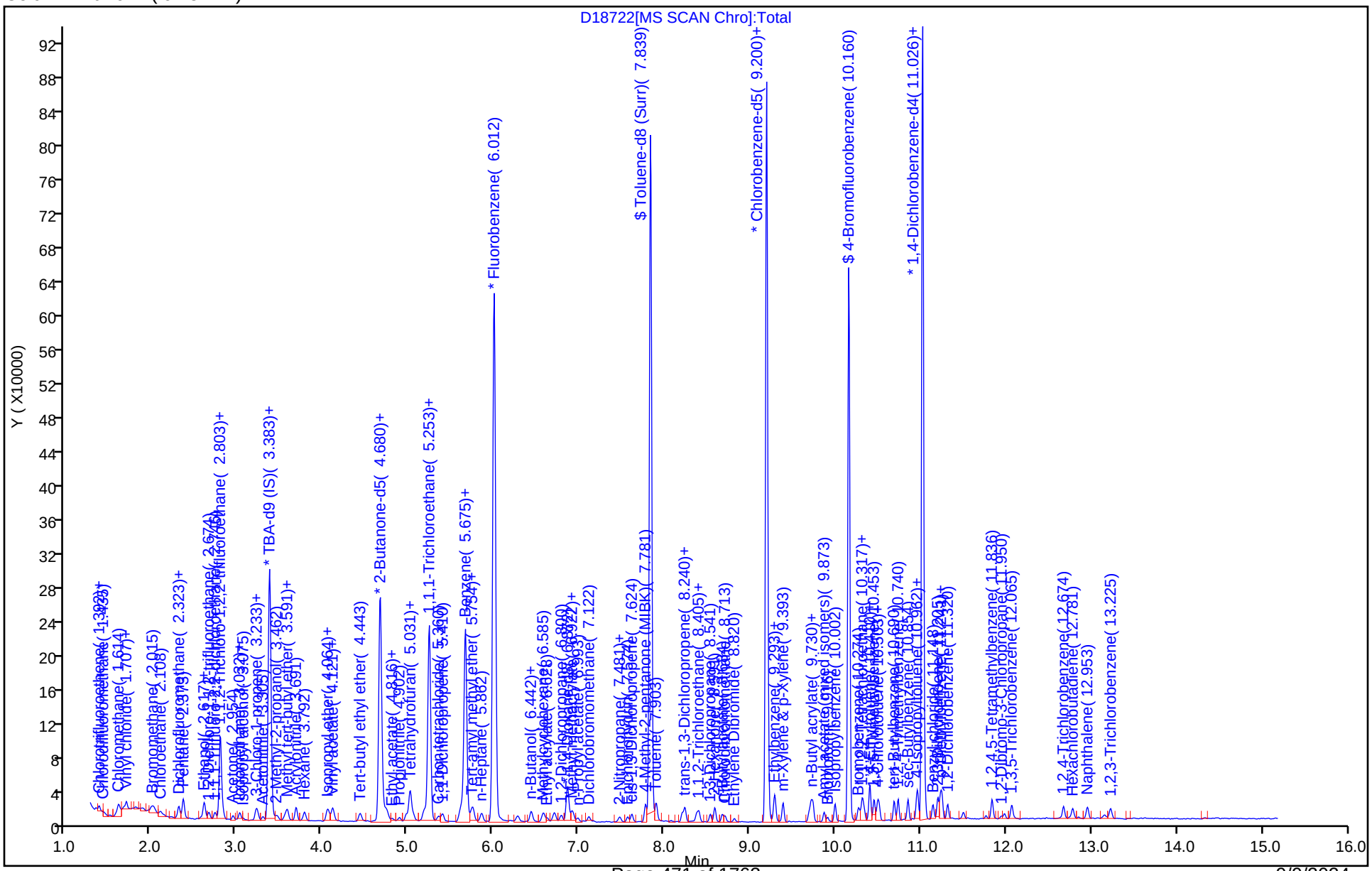
Lims ID: STD1 Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 5

Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



9/9/2024
1:05:41 PM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20240819-179789.b\D18723.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 20-Aug-2024 01:51:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0179789-007
Operator ID: Instrument ID: CVOAMS4
Sublist: chrom-8260S_4*sub48

Method: \\chromfs\Edison\ChromData\CVOAMS4\20240819-179789.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 30-Aug-2024 08:02:56 Calib Date: 20-Aug-2024 03:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20240819-179789.b\D18726.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1608

First Level Reviewer: HVW2 Date: 20-Aug-2024 02:15:15

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.356	1.356	0.000	85	5295	5.00	4.71	
2 Dichlorodifluoromethane	85	1.385	1.392	-0.007	98	28265	5.00	4.47	
3 Chlorodifluoromethane	51	1.435	1.435	0.000	97	26776	5.00	4.69	M
4 Chloromethane	50	1.607	1.607	0.000	98	21575	5.00	4.43	
5 Vinyl chloride	62	1.679	1.678	0.001	97	16491	5.00	5.06	
6 Butadiene	54	1.707	1.707	0.000	97	16587	5.00	5.32	
7 Bromomethane	94	2.001	2.001	0.000	93	8045	5.00	7.19	M
8 Chloroethane	64	2.108	2.101	0.007	99	14906	5.00	5.29	M
9 Trichlorofluoromethane	101	2.316	2.323	-0.007	93	28139	5.00	4.74	
10 Dichlorofluoromethane	67	2.323	2.323	0.000	96	38354	5.00	5.13	
11 Pentane	72	2.373	2.373	0.000	96	8211	10.0	10.1	
12 Ethanol	46	2.574	2.581	-0.007	95	5413	200.0	179.0	a
13 Ethyl ether	59	2.610	2.617	-0.007	94	18908	5.00	5.30	
14 2-Methyl-1,3-butadiene	53	2.624	2.624	0.000	95	17905	5.00	5.38	
15 1,2-Dichloro-1,1,2-trifluoroetha	117	2.674	2.681	-0.007	94	15798	5.00	5.15	
16 1,1,1-Trifluoro-2,2-dichloroetha	83	2.746	2.746	0.000	97	25568	5.00	4.87	
17 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.803	2.803	0.000	90	17938	5.00	4.88	
18 Acrolein	56	2.803	2.810	-0.007	96	148879	200.0	199.3	
19 1,1-Dichloroethene	96	2.839	2.839	0.000	96	17327	5.00	5.20	
20 Acetone	43	2.954	2.953	0.001	86	28984	25.0	22.6	
21 Iodomethane	142	3.004	3.004	0.000	99	13315	5.00	4.41	
22 Carbon disulfide	76	3.032	3.032	0.000	100	65792	5.00	5.51	
23 Isopropyl alcohol	45	3.083	3.082	0.001	98	16861	50.0	46.4	
24 3-Chloro-1-propene	76	3.219	3.226	-0.007	91	9769	5.00	5.57	
25 Cyclopentene	67	3.233	3.233	0.000	91	38978	5.00	5.31	
26 Methyl acetate	43	3.247	3.247	0.000	100	30323	10.0	11.2	
27 Acetonitrile	40	3.305	3.304	0.001	98	15024	50.0	53.3	
28 Methylene Chloride	84	3.376	3.376	0.000	95	20604	5.00	5.17	
* 29 TBA-d9 (IS)	65	3.383	3.390	-0.007	0	493396	1000.0	1000.0	
30 2-Methyl-2-propanol	59	3.469	3.469	0.000	98	27200	50.0	51.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Methyl tert-butyl ether	73	3.570	3.569	0.001	97	51340	5.00	5.32	
32 trans-1,2-Dichloroethene	96	3.598	3.598	0.000	95	19839	5.00	5.30	
33 Acrylonitrile	53	3.691	3.691	0.000	94	71210	50.0	47.2	
34 Hexane	57	3.792	3.791	0.001	94	29001	5.00	5.10	
35 Isopropyl ether	45	4.057	4.064	-0.007	97	60015	5.00	5.18	
36 1,1-Dichloroethane	63	4.078	4.078	0.000	99	34257	5.00	5.32	
37 Vinyl acetate	86	4.121	4.121	0.000	100	8140	10.0	11.0	
38 2-Chloro-1,3-butadiene	88	4.128	4.135	-0.007	92	16358	5.00	5.58	
39 Tert-butyl ethyl ether	59	4.443	4.443	0.000	89	55929	5.00	5.25	
40 2,2-Dichloropropane	79	4.673	4.672	0.001	93	9312	5.00	5.26	
* 41 2-Butanone-d5	46	4.680	4.680	0.000	93	443697	250.0	250.0	
42 cis-1,2-Dichloroethene	96	4.709	4.715	-0.006	99	19172	5.00	5.06	
43 2-Butanone (MEK)	72	4.744	4.744	0.000	99	12333	25.0	23.5	
44 Ethyl acetate	70	4.766	4.766	0.000	98	3864	10.0	9.49	
45 Methyl acrylate	55	4.823	4.823	0.000	100	15990	5.00	4.92	
46 Propionitrile	54	4.902	4.902	0.000	98	28912	50.0	50.7	
47 Tetrahydrofuran	72	4.981	4.981	0.001	84	5159	10.0	9.69	
48 Chlorobromomethane	128	4.981	4.988	-0.007	91	8192	5.00	5.16	
49 Methacrylonitrile	67	5.031	5.031	0.000	93	78457	50.0	58.5	
50 Chloroform	83	5.060	5.059	0.001	99	32688	5.00	5.42	
51 Cyclohexane	84	5.188	5.195	-0.007	93	26576	5.00	5.11	
52 1,1,1-Trichloroethane	97	5.217	5.217	0.000	97	26788	5.00	5.02	
$ 53 Dibromofluoromethane (Surr)	113	5.253	5.253	0.000	95	156867	50.0	49.0	
54 Carbon tetrachloride	117	5.360	5.360	0.000	98	22099	5.00	5.40	
55 1,1-Dichloropropene	75	5.411	5.410	0.000	96	25756	5.00	5.04	
56 Isobutyl alcohol	43	5.611	5.611	0.000	91	38828	125.0	115.5	
137 Isooctane	57	5.625	5.625	0.000	94	67621	5.00	4.98	a
57 Benzene	78	5.647	5.647	0.000	95	73525	5.00	5.24	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.676	5.675	0.001	98	168077	50.0	49.1	
59 Tert-amyl methyl ether	87	5.754	5.754	0.000	91	16388	5.00	5.45	
60 Isopropyl acetate	61	5.769	5.768	0.001	100	10292	5.00	5.36	
61 1,2-Dichloroethane	62	5.769	5.768	0.001	94	23670	5.00	5.31	
62 n-Heptane	43	5.869	5.869	0.000	94	29078	5.00	4.88	
* 63 Fluorobenzene	96	6.012	6.012	0.000	98	704641	50.0	50.0	
64 n-Butanol	56	6.435	6.435	0.000	93	16932	125.0	120.0	
65 Trichloroethene	95	6.449	6.449	0.000	98	19353	5.00	5.23	
66 Methylcyclohexane	83	6.585	6.592	-0.007	94	30196	5.00	4.85	
67 Ethyl acrylate	55	6.635	6.635	0.000	98	26858	5.00	5.29	
68 1,2-Dichloropropane	63	6.800	6.800	0.000	92	19366	5.00	5.20	
* 69 1,4-Dioxane-d8	96	6.872	6.872	0.000	0	41431	1000.0	1000.0	
70 Methyl methacrylate	100	6.922	6.922	0.000	91	9603	10.0	10.7	
71 1,4-Dioxane	88	6.936	6.936	0.000	54	5736	100.0	122.8	
72 Dibromomethane	93	6.943	6.943	0.000	94	11835	5.00	5.46	
73 n-Propyl acetate	43	6.994	6.993	0.001	99	28669	5.00	5.29	
74 Dichlorobromomethane	83	7.122	7.122	0.000	99	22638	5.00	5.04	
75 2-Nitropropane	41	7.466	7.473	-0.007	97	9942	10.0	9.87	
76 2-Chloroethyl vinyl ether	63	7.481	7.480	0.001	96	11840	5.01	7.77	
77 Epichlorohydrin	57	7.574	7.574	0.000	100	34187	100.0	113.5	
78 cis-1,3-Dichloropropene	75	7.624	7.624	0.000	94	30610	5.00	5.01	
79 4-Methyl-2-pentanone (MIBK)	43	7.781	7.781	0.000	98	96036	25.0	24.9	
$ 80 Toluene-d8 (Surr)	98	7.839	7.846	-0.007	99	561432	50.0	46.7	
81 Toluene	91	7.910	7.910	0.000	92	75792	5.00	5.12	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 trans-1,3-Dichloropropene	75	8.211	8.211	0.000	98	27794	5.00	5.04	
83 Ethyl methacrylate	69	8.240	8.247	-0.007	91	25557	5.00	5.44	
84 1,1,2-Trichloroethane	83	8.383	8.383	0.000	97	13953	5.00	4.90	
85 Tetrachloroethene	166	8.405	8.412	-0.007	94	17145	5.00	4.98	
86 1,3-Dichloropropane	76	8.541	8.541	0.000	94	26660	5.00	4.95	
87 2-Hexanone	43	8.591	8.591	0.000	98	70309	25.0	24.9	
88 n-Butyl acetate	73	8.677	8.677	0.000	98	5464	5.00	5.28	
89 Chlorodibromomethane	129	8.713	8.712	0.001	97	16561	5.00	4.70	
90 Ethylene Dibromide	107	8.820	8.820	0.000	98	16345	5.00	5.03	
* 91 Chlorobenzene-d5	117	9.200	9.200	0.000	89	482645	50.0	50.0	
92 Chlorobenzene	112	9.221	9.228	-0.007	95	48385	5.00	5.19	
93 Ethylbenzene	106	9.293	9.293	0.000	99	25817	5.00	5.31	
94 1,1,1,2-Tetrachloroethane	131	9.300	9.300	0.000	94	16479	5.00	5.07	
95 m-Xylene & p-Xylene	106	9.393	9.393	0.000	0	31086	5.00	5.03	
96 n-Butyl acrylate	73	9.694	9.694	0.000	96	14739	5.00	5.07	
97 o-Xylene	106	9.723	9.722	0.001	93	30495	5.00	5.25	
98 Styrene	104	9.744	9.744	0.000	95	52442	5.00	5.23	
99 Amyl acetate (mixed isomers)	43	9.873	9.873	0.000	90	34494	5.00	5.49	
100 Bromoform	173	9.916	9.916	0.000	93	11374	5.00	4.85	
101 Isopropylbenzene	105	10.002	10.002	0.000	96	71138	5.00	4.99	
$ 102 4-Bromofluorobenzene	174	10.160	10.167	-0.007	0	156078	50.0	49.2	
103 Bromobenzene	156	10.274	10.274	0.000	97	19041	5.00	5.47	
104 1,1,2,2-Tetrachloroethane	83	10.296	10.295	0.001	98	21797	5.00	5.30	
105 N-Propylbenzene	91	10.317	10.317	0.000	98	100352	5.00	5.39	
106 1,2,3-Trichloropropane	110	10.339	10.338	0.001	95	6386	5.00	5.57	
107 trans-1,4-Dichloro-2-butene	53	10.346	10.346	0.000	82	7434	5.00	5.40	
108 4-Ethyltoluene	105	10.403	10.410	-0.007	98	79316	5.00	5.63	
109 2-Chlorotoluene	91	10.410	10.410	0.000	96	66664	5.00	5.48	
110 1,3,5-Trimethylbenzene	105	10.453	10.453	0.000	92	66342	5.00	5.36	
111 4-Chlorotoluene	91	10.496	10.496	0.000	98	61404	5.00	5.33	
112 Butyl Methacrylate	87	10.518	10.518	0.000	92	24937	5.00	5.48	
113 tert-Butylbenzene	119	10.690	10.689	0.001	93	55585	5.00	5.21	
114 1,2,4-Trimethylbenzene	105	10.740	10.740	0.000	98	66158	5.00	5.33	
115 sec-Butylbenzene	105	10.854	10.854	0.000	99	87312	5.00	5.37	
116 4-Isopropyltoluene	119	10.955	10.954	0.001	98	70820	5.00	5.40	
117 1,3-Dichlorobenzene	146	10.969	10.969	0.000	94	36594	5.00	5.51	
* 118 1,4-Dichlorobenzene-d4	152	11.026	11.026	0.000	97	240557	50.0	50.0	
119 1,4-Dichlorobenzene	146	11.041	11.040	0.001	92	37205	5.00	5.50	
120 1,2,3-Trimethylbenzene	105	11.055	11.055	0.000	99	71846	5.00	5.68	
121 Benzyl chloride	126	11.148	11.148	0.000	98	9070	5.00	5.38	
122 2,3-Dihydroindene	117	11.205	11.205	0.000	93	71942	5.00	5.37	
123 p-Diethylbenzene	119	11.234	11.234	0.000	93	48686	5.00	5.54	
124 n-Butylbenzene	92	11.248	11.255	-0.007	97	41287	5.00	5.37	
125 1,2-Dichlorobenzene	146	11.320	11.320	0.000	95	34294	5.00	5.28	
126 1,2,4,5-Tetramethylbenzene	119	11.836	11.836	0.000	97	66103	5.00	5.47	
127 1,2-Dibromo-3-Chloropropane	157	11.943	11.950	-0.007	96	4883	5.00	5.46	
128 1,3,5-Trichlorobenzene	180	12.072	12.072	0.000	96	26394	5.00	5.39	
129 1,2,4-Trichlorobenzene	180	12.674	12.674	0.000	94	23521	5.00	5.33	
130 Hexachlorobutadiene	225	12.781	12.781	0.000	88	11227	5.00	5.00	
131 Naphthalene	128	12.953	12.953	0.000	98	63929	5.00	5.42	
132 1,2,3-Trichlorobenzene	180	13.225	13.225	0.000	95	21012	5.00	5.16	
S 133 1,2-Dichloroethene, Total	100				0		10.0	10.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 134 1,3-Dichloropropene, Total	100				0		10.0	10.0	
S 135 Xylenes, Total	100				0		10.0	10.3	
S 136 Total BTEX	1				0		25.0	26.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN W_00172	Amount Added:	20.00	Units: uL	
524FREONS_00022	Amount Added:	5.00	Units: uL	
GASES Li_00598	Amount Added:	5.00	Units: uL	
8260MIX1COMB_00192	Amount Added:	5.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00249	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 30-Aug-2024 08:02:57 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20240819-179789.b\D18723.D

Injection Date: 20-Aug-2024 01:51:30 Instrument ID: CVOAMS4 Operator ID:

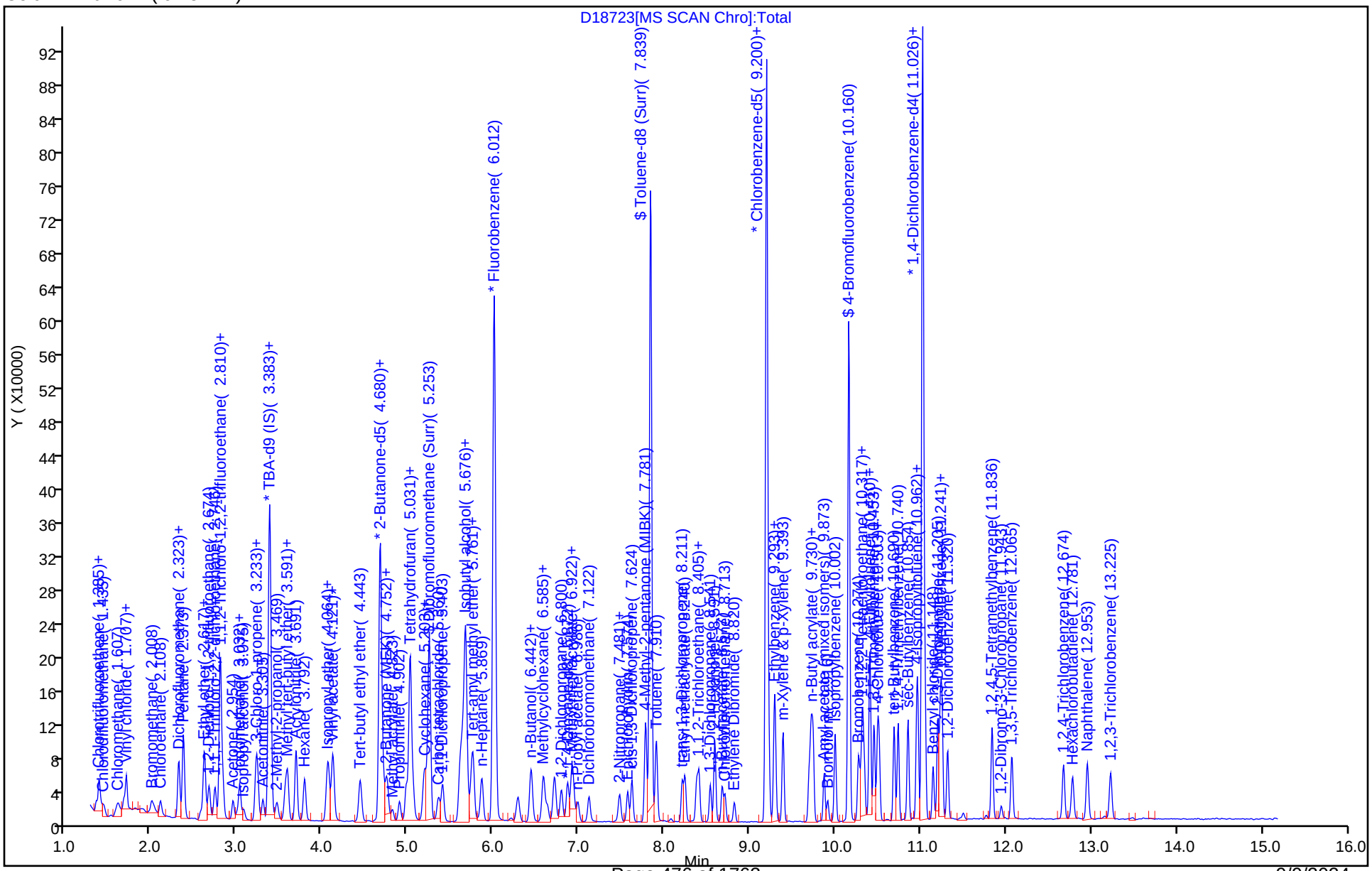
Lims ID: STD5 Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 6

Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



9/9/2024
1:05:41 PM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20240819-179789.b\D18724.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 20-Aug-2024 02:14:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0179789-008
Operator ID: Instrument ID: CVOAMS4
Sublist: chrom-8260S_4*sub48

Method: \\chromfs\Edison\ChromData\CVOAMS4\20240819-179789.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 30-Aug-2024 08:03:01 Calib Date: 20-Aug-2024 03:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20240819-179789.b\D18726.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1608

First Level Reviewer: HVW2 Date: 20-Aug-2024 02:41:40

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.356	1.356	0.000	94	60433	50.0	52.4	
2 Dichlorodifluoromethane	85	1.385	1.392	-0.007	99	314991	50.0	48.6	
3 Chlorodifluoromethane	51	1.435	1.435	0.000	97	278858	50.0	47.6	M
4 Chloromethane	50	1.607	1.607	0.000	99	238097	50.0	47.7	
5 Vinyl chloride	62	1.679	1.678	0.001	98	173454	50.0	51.8	
6 Butadiene	54	1.707	1.707	0.000	95	167466	50.0	52.3	
7 Bromomethane	94	1.994	2.001	-0.007	98	39964	50.0	38.6	
8 Chloroethane	64	2.094	2.101	-0.007	100	150440	50.0	52.0	
9 Trichlorofluoromethane	101	2.309	2.323	-0.014	100	307304	50.0	50.4	
10 Dichlorofluoromethane	67	2.316	2.323	-0.007	99	388414	50.0	50.6	
11 Pentane	72	2.366	2.373	-0.007	96	83167	100.0	99.4	
12 Ethanol	46	2.588	2.581	0.007	97	51320	2000.0	1840.1	
13 Ethyl ether	59	2.610	2.617	-0.007	89	160321	50.0	50.8	
14 2-Methyl-1,3-butadiene	53	2.617	2.624	-0.007	97	190980	50.0	55.9	
15 1,2-Dichloro-1,1,2-trifluoroetha	117	2.674	2.681	-0.007	95	153403	50.0	48.7	
16 1,1,1-Trifluoro-2,2-dichloroetha	83	2.746	2.746	0.000	98	270354	50.0	50.1	
17 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.803	2.803	0.000	92	196835	50.0	52.2	
18 Acrolein	56	2.810	2.810	0.000	97	300506	400.0	392.0	
19 1,1-Dichloroethene	96	2.832	2.839	-0.007	98	177253	50.0	51.9	
20 Acetone	43	2.954	2.953	0.001	87	265261	250.0	215.4	
21 Iodomethane	142	3.004	3.004	0.000	100	194164	50.0	55.8	
22 Carbon disulfide	76	3.032	3.032	0.000	99	665134	50.0	54.3	
23 Isopropyl alcohol	45	3.083	3.082	0.001	99	153044	500.0	456.9	
24 3-Chloro-1-propene	76	3.219	3.226	-0.007	91	90758	50.0	50.5	
25 Cyclopentene	67	3.233	3.233	0.000	94	411424	50.0	54.6	
26 Methyl acetate	43	3.247	3.247	0.000	100	285072	100.0	102.6	
27 Acetonitrile	40	3.305	3.304	0.001	99	144434	500.0	499.2	
28 Methylene Chloride	84	3.369	3.376	-0.007	95	188223	50.0	46.0	
* 29 TBA-d9 (IS)	65	3.391	3.390	0.001	0	454991	1000.0	1000.0	
30 2-Methyl-2-propanol	59	3.477	3.469	0.008	99	232723	500.0	474.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Methyl tert-butyl ether	73	3.570	3.569	0.001	97	507499	50.0	51.2	
32 trans-1,2-Dichloroethene	96	3.591	3.598	-0.007	97	191417	50.0	49.9	
33 Acrylonitrile	53	3.691	3.691	0.000	94	671273	500.0	482.1	
34 Hexane	57	3.792	3.791	0.001	94	322614	50.0	55.3	
35 Isopropyl ether	45	4.057	4.064	-0.007	97	608957	50.0	51.2	
36 1,1-Dichloroethane	63	4.078	4.078	0.000	99	333575	50.0	50.5	
37 Vinyl acetate	86	4.114	4.121	-0.007	100	79321	100.0	104.7	
38 2-Chloro-1,3-butadiene	88	4.128	4.135	-0.007	92	161360	50.0	53.7	
39 Tert-butyl ethyl ether	59	4.444	4.443	0.001	89	562795	50.0	51.4	
40 2,2-Dichloropropane	79	4.673	4.672	0.001	95	88642	50.0	48.8	
* 41 2-Butanone-d5	46	4.680	4.680	0.000	96	426451	250.0	250.0	
42 cis-1,2-Dichloroethene	96	4.709	4.715	-0.006	98	194165	50.0	49.9	
43 2-Butanone (MEK)	72	4.744	4.744	0.000	98	109092	250.0	242.3	
44 Ethyl acetate	70	4.766	4.766	0.000	98	39616	100.0	101.2	
45 Methyl acrylate	55	4.823	4.823	0.000	99	171566	50.0	51.5	
46 Propionitrile	54	4.902	4.902	0.000	98	265577	500.0	484.9	
47 Tetrahydrofuran	72	4.981	4.981	0.001	91	49337	100.0	96.4	
48 Chlorobromomethane	128	4.988	4.988	0.000	94	79705	50.0	48.9	
49 Methacrylonitrile	67	5.031	5.031	0.000	93	738692	500.0	536.4	
50 Chloroform	83	5.060	5.059	0.001	98	316104	50.0	51.0	
51 Cyclohexane	84	5.188	5.195	-0.007	93	287399	50.0	53.9	
52 1,1,1-Trichloroethane	97	5.217	5.217	0.000	98	277896	50.0	50.7	
$ 53 Dibromofluoromethane (Surr)	113	5.253	5.253	0.000	95	168369	50.0	51.3	
54 Carbon tetrachloride	117	5.360	5.360	0.000	98	232006	50.0	55.3	
55 1,1-Dichloropropene	75	5.411	5.410	0.001	97	269421	50.0	51.4	
56 Isobutyl alcohol	43	5.611	5.611	0.000	92	392088	1250.0	1264.3	
137 Isooctane	57	5.625	5.625	0.000	94	785002	50.0	56.3	a
57 Benzene	78	5.647	5.647	0.000	97	719426	50.0	49.5	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.676	5.675	0.001	98	184406	50.0	52.5	
59 Tert-amyl methyl ether	87	5.754	5.754	0.000	92	164175	50.0	53.2	
60 Isopropyl acetate	61	5.762	5.768	-0.006	99	97067	50.0	49.3	
61 1,2-Dichloroethane	62	5.769	5.768	0.001	95	228064	50.0	49.8	
62 n-Heptane	43	5.869	5.869	0.000	94	342640	50.0	56.1	
* 63 Fluorobenzene	96	6.012	6.012	0.000	98	723165	50.0	50.0	
64 n-Butanol	56	6.435	6.435	0.000	89	163705	1250.0	1258.6	
65 Trichloroethene	95	6.442	6.449	-0.007	97	192131	50.0	50.6	
66 Methylcyclohexane	83	6.585	6.592	-0.007	96	349630	50.0	54.7	
67 Ethyl acrylate	55	6.635	6.635	0.000	99	266064	50.0	51.1	
68 1,2-Dichloropropane	63	6.800	6.800	0.000	92	193391	50.0	50.6	
* 69 1,4-Dioxane-d8	96	6.872	6.872	0.000	0	42057	1000.0	1000.0	
70 Methyl methacrylate	100	6.922	6.922	0.000	90	97356	100.0	105.8	
71 1,4-Dioxane	88	6.936	6.936	0.000	91	46234	1000.0	975.0	
72 Dibromomethane	93	6.943	6.943	0.000	93	116508	50.0	52.4	
73 n-Propyl acetate	43	6.994	6.993	0.001	99	290989	50.0	52.4	
74 Dichlorobromomethane	83	7.123	7.122	0.001	99	238537	50.0	51.7	
75 2-Nitropropane	41	7.466	7.473	-0.007	99	97551	100.0	94.3	
76 2-Chloroethyl vinyl ether	63	7.481	7.480	0.001	97	100296	50.1	66.1	
77 Epichlorohydrin	57	7.574	7.574	0.000	100	316211	1000.0	1091.9	
78 cis-1,3-Dichloropropene	75	7.624	7.624	0.000	94	314394	50.0	49.6	
79 4-Methyl-2-pentanone (MIBK)	43	7.782	7.781	0.001	98	953869	250.0	257.0	
$ 80 Toluene-d8 (Surr)	98	7.839	7.846	-0.007	99	620496	50.0	49.8	
81 Toluene	91	7.910	7.910	0.000	93	767521	50.0	50.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 trans-1,3-Dichloropropene	75	8.211	8.211	0.000	97	283091	50.0	49.5	
83 Ethyl methacrylate	69	8.240	8.247	-0.007	90	253300	50.0	52.5	
84 1,1,2-Trichloroethane	83	8.383	8.383	0.000	96	139569	50.0	47.3	
85 Tetrachloroethene	166	8.405	8.412	-0.007	94	175729	50.0	49.3	
86 1,3-Dichloropropane	76	8.541	8.541	0.000	94	280073	50.0	50.2	
87 2-Hexanone	43	8.591	8.591	0.000	98	690439	250.0	254.1	
88 n-Butyl acetate	73	8.677	8.677	0.000	98	53787	50.0	50.2	
89 Chlorodibromomethane	129	8.713	8.712	0.001	97	181323	50.0	49.7	
90 Ethylene Dibromide	107	8.820	8.820	0.000	99	161793	50.0	48.1	
* 91 Chlorobenzene-d5	117	9.200	9.200	0.000	88	500274	50.0	50.0	
92 Chlorobenzene	112	9.221	9.228	-0.007	95	484373	50.0	50.1	
93 Ethylbenzene	106	9.293	9.293	0.000	99	260556	50.0	51.7	
94 1,1,1,2-Tetrachloroethane	131	9.300	9.300	0.000	96	170237	50.0	50.5	
95 m-Xylene & p-Xylene	106	9.393	9.393	0.000	0	323803	50.0	50.5	
96 n-Butyl acrylate	73	9.694	9.694	0.000	96	152540	50.0	50.6	
97 o-Xylene	106	9.723	9.722	0.001	93	308418	50.0	51.2	
98 Styrene	104	9.744	9.744	0.000	94	529467	50.0	50.9	
99 Amyl acetate (mixed isomers)	43	9.873	9.873	0.000	89	348111	50.0	51.2	
100 Bromoform	173	9.916	9.916	0.000	94	120742	50.0	49.6	
101 Isopropylbenzene	105	10.002	10.002	0.000	96	742487	50.0	50.2	
$ 102 4-Bromofluorobenzene	174	10.160	10.167	-0.007	0	175680	50.0	51.1	
103 Bromobenzene	156	10.274	10.274	0.000	97	189831	50.0	50.3	
104 1,1,2,2-Tetrachloroethane	83	10.296	10.295	0.001	99	226638	50.0	50.9	
105 N-Propylbenzene	91	10.317	10.317	0.000	98	1034755	50.0	51.3	
106 1,2,3-Trichloropropane	110	10.339	10.338	0.001	94	62139	50.0	50.0	
107 trans-1,4-Dichloro-2-butene	53	10.346	10.346	0.000	85	73099	50.0	49.0	
108 4-Ethyltoluene	105	10.403	10.410	-0.007	98	819212	50.0	53.7	
109 2-Chlorotoluene	91	10.410	10.410	0.000	96	687057	50.0	52.1	
110 1,3,5-Trimethylbenzene	105	10.453	10.453	0.000	92	691475	50.0	51.6	
111 4-Chlorotoluene	91	10.496	10.496	0.000	98	642455	50.0	51.5	
112 Butyl Methacrylate	87	10.518	10.518	0.000	92	260580	50.0	52.8	
113 tert-Butylbenzene	119	10.690	10.689	0.001	92	592781	50.0	51.3	
114 1,2,4-Trimethylbenzene	105	10.740	10.740	0.000	98	684495	50.0	50.8	
115 sec-Butylbenzene	105	10.854	10.854	0.000	99	910224	50.0	51.6	
116 4-Isopropyltoluene	119	10.955	10.954	0.001	97	755776	50.0	53.1	
117 1,3-Dichlorobenzene	146	10.969	10.969	0.000	94	369590	50.0	51.4	
* 118 1,4-Dichlorobenzene-d4	152	11.026	11.026	0.000	95	260780	50.0	50.0	
119 1,4-Dichlorobenzene	146	11.041	11.040	0.001	91	372593	50.0	50.8	
120 1,2,3-Trimethylbenzene	105	11.055	11.055	0.000	99	724086	50.0	52.8	
121 Benzyl chloride	126	11.148	11.148	0.000	98	94463	50.0	51.7	
122 2,3-Dihydroindene	117	11.205	11.205	0.000	94	727440	50.0	52.9	
123 p-Diethylbenzene	119	11.234	11.234	0.000	92	497835	50.0	52.2	
124 n-Butylbenzene	92	11.248	11.255	-0.007	96	432167	50.0	51.9	
125 1,2-Dichlorobenzene	146	11.320	11.320	0.000	94	350606	50.0	49.8	
126 1,2,4,5-Tetramethylbenzene	119	11.836	11.836	0.000	97	692574	50.0	52.9	
127 1,2-Dibromo-3-Chloropropane	157	11.943	11.950	-0.007	97	47462	50.0	49.0	
128 1,3,5-Trichlorobenzene	180	12.072	12.072	0.000	97	269025	50.0	50.6	
129 1,2,4-Trichlorobenzene	180	12.674	12.674	0.000	94	241868	50.0	50.5	
130 Hexachlorobutadiene	225	12.781	12.781	0.000	89	119118	50.0	49.0	
131 Naphthalene	128	12.953	12.953	0.000	99	631822	50.0	49.4	
132 1,2,3-Trichlorobenzene	180	13.225	13.225	0.000	94	217969	50.0	49.4	
S 133 1,2-Dichloroethene, Total	100				0		100.0	99.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 134 1,3-Dichloropropene, Total	100				0		100.0	99.1	
S 135 Xylenes, Total	100				0		100.0	101.8	
S 136 Total BTEX	1				0		250.0	253.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN W_00172	Amount Added:	4.00	Units: uL		
524FREONS_00022	Amount Added:	5.00	Units: uL		
GASES Li_00598	Amount Added:	5.00	Units: uL		
8260MIX1COMB_00192	Amount Added:	5.00	Units: uL		
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent	
8260SURR250_00249	Amount Added:	1.00	Units: uL	Run Reagent	

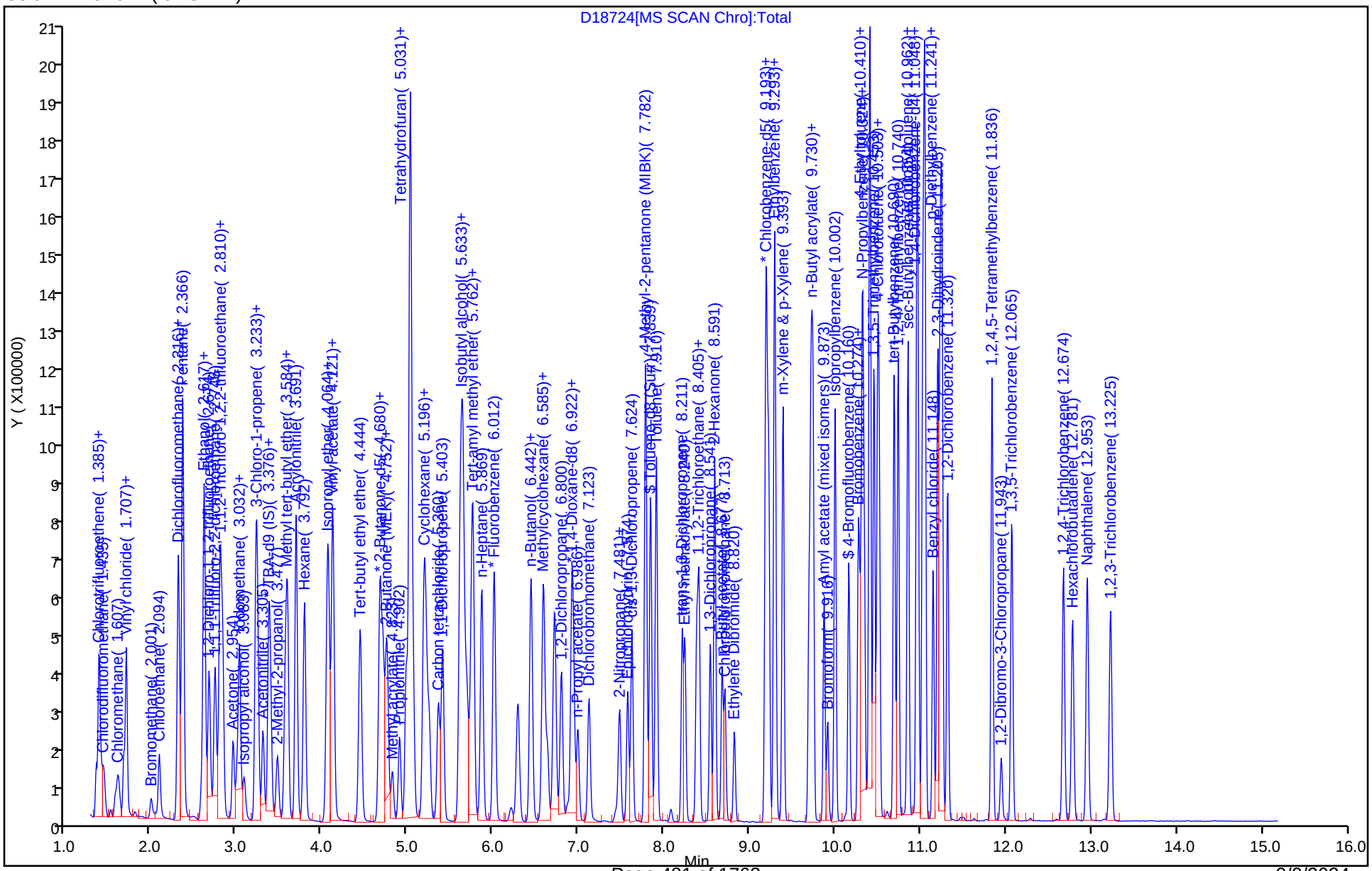
Report Date: 30-Aug-2024 08:03:02 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20240819-179789.b\D18724.D

Injection Date:	20-Aug-2024 02:14:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	STD50			Worklist Smp#:	8
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8260S_4	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



9/9/2024
1:05:41 PM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20240819-179789.b\D18725.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 20-Aug-2024 02:38:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0179789-009
Operator ID: Instrument ID: CVOAMS4
Sublist: chrom-8260S_4*sub48

Method: \\chromfs\Edison\ChromData\CVOAMS4\20240819-179789.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 30-Aug-2024 08:03:06 Calib Date: 20-Aug-2024 03:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20240819-179789.b\D18726.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1608

First Level Reviewer: HVW2 Date: 20-Aug-2024 03:17:20

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.356	1.356	0.000	89	213256	200.0	177.7	
2 Dichlorodifluoromethane	85	1.385	1.392	-0.007	99	1546119	200.0	229.3	
3 Chlorodifluoromethane	51	1.435	1.435	0.000	97	1117271	200.0	183.3	M
4 Chloromethane	50	1.607	1.607	0.000	100	1079086	200.0	207.7	
5 Vinyl chloride	62	1.679	1.678	0.001	98	693504	200.0	199.3	
6 Butadiene	54	1.707	1.707	0.000	95	652150	200.0	195.8	
7 Bromomethane	94	1.994	2.001	-0.007	98	192678	200.0	203.5	
8 Chloroethane	64	2.094	2.101	-0.007	100	584950	200.0	194.5	
9 Trichlorofluoromethane	101	2.316	2.323	-0.007	100	1258351	200.0	198.5	
10 Dichlorofluoromethane	67	2.316	2.323	-0.007	99	1530806	200.0	191.7	
11 Pentane	72	2.366	2.373	-0.007	94	252912	400.0	290.5	
12 Ethanol	46	2.581	2.581	0.000	98	204667	8000.0	8180.4	
13 Ethyl ether	59	2.610	2.617	-0.007	97	601916	200.0	185.8	
14 2-Methyl-1,3-butadiene	53	2.617	2.624	-0.007	97	596752	200.0	168.0	
15 1,2-Dichloro-1,1,2-trifluoroetha	117	2.674	2.681	-0.007	94	588304	200.0	179.7	
16 1,1,1-Trifluoro-2,2-dichloroetha	83	2.746	2.746	0.000	98	1040140	200.0	185.5	
17 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.803	2.803	0.000	95	750445	200.0	191.4	
18 Acrolein	56	2.803	2.810	-0.007	98	389206	500.0	488.2	
19 1,1-Dichloroethene	96	2.832	2.839	-0.007	98	653599	200.0	183.8	
20 Acetone	43	2.954	2.953	0.001	90	1269580	1000.0	1015.9	
21 Iodomethane	142	3.004	3.004	0.000	100	629302	200.0	183.2	
22 Carbon disulfide	76	3.032	3.032	0.000	99	2080019	200.0	163.3	
23 Isopropyl alcohol	45	3.083	3.082	0.001	99	601622	2000.0	2002.1	
24 3-Chloro-1-propene	76	3.219	3.226	-0.007	87	343665	200.0	183.7	
25 Cyclopentene	67	3.233	3.233	0.000	93	1323661	200.0	169.0	
26 Methyl acetate	43	3.247	3.247	0.000	100	1159698	400.0	401.3	
27 Acetonitrile	40	3.305	3.304	0.001	99	537519	2000.0	1786.2	
28 Methylene Chloride	84	3.369	3.376	-0.007	95	739388	200.0	173.8	
* 29 TBA-d9 (IS)	65	3.391	3.390	0.001	0	408156	1000.0	1000.0	
30 2-Methyl-2-propanol	59	3.477	3.469	0.007	99	817727	2000.0	1859.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Methyl tert-butyl ether	73	3.570	3.569	0.001	97	2051248	200.0	199.0	
32 trans-1,2-Dichloroethene	96	3.598	3.598	0.000	97	700869	200.0	175.5	
33 Acrylonitrile	53	3.691	3.691	0.000	94	2716179	2000.0	2174.5	
34 Hexane	57	3.792	3.791	0.001	94	1042220	200.0	171.7	
35 Isopropyl ether	45	4.057	4.064	-0.007	97	2265973	200.0	183.2	
36 1,1-Dichloroethane	63	4.078	4.078	0.000	100	1304939	200.0	189.8	
37 Vinyl acetate	86	4.114	4.121	-0.007	100	297004	400.0	376.8	
38 2-Chloro-1,3-butadiene	88	4.128	4.135	-0.007	92	557904	200.0	178.4	
39 Tert-butyl ethyl ether	59	4.444	4.443	0.001	89	2107669	200.0	185.2	
40 2,2-Dichloropropane	79	4.673	4.672	0.001	96	297896	200.0	157.7	
* 41 2-Butanone-d5	46	4.680	4.680	0.000	95	432716	250.0	250.0	
42 cis-1,2-Dichloroethene	96	4.716	4.715	0.001	98	763328	200.0	188.7	
43 2-Butanone (MEK)	72	4.744	4.744	0.000	99	473997	1000.0	1048.2	
44 Ethyl acetate	70	4.766	4.766	0.000	96	160738	400.0	404.7	
45 Methyl acrylate	55	4.823	4.823	0.000	100	665296	200.0	192.0	
46 Propionitrile	54	4.909	4.902	0.007	98	1027866	2000.0	1849.4	
47 Tetrahydrofuran	72	4.981	4.981	0.001	93	199215	400.0	383.6	
48 Chlorobromomethane	128	4.988	4.988	0.000	94	311809	200.0	183.9	
49 Methacrylonitrile	67	5.038	5.031	0.007	96	2617065	2000.0	1827.3	
50 Chloroform	83	5.067	5.059	0.008	98	1263639	200.0	196.2	
51 Cyclohexane	84	5.188	5.195	-0.007	94	1035426	200.0	186.6	
52 1,1,1-Trichloroethane	97	5.217	5.217	0.000	98	1127475	200.0	197.8	
$ 53 Dibromofluoromethane (Surr)	113	5.253	5.253	0.000	96	176798	50.0	51.8	
54 Carbon tetrachloride	117	5.360	5.360	0.000	98	854778	200.0	195.8	
55 1,1-Dichloropropene	75	5.411	5.410	0.001	96	1061406	200.0	194.7	
56 Isobutyl alcohol	43	5.618	5.611	0.007	91	1550490	5000.0	5573.2	
137 Isooctane	57	5.625	5.625	0.000	94	2743516	200.0	189.3	a
57 Benzene	78	5.647	5.647	0.000	97	2766596	200.0	189.7	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.676	5.675	0.001	98	202037	50.0	55.3	
59 Tert-amyl methyl ether	87	5.754	5.754	0.000	96	610789	200.0	190.2	
60 Isopropyl acetate	61	5.769	5.768	0.001	98	388257	200.0	189.4	
61 1,2-Dichloroethane	62	5.769	5.768	0.001	97	944181	200.0	198.3	
62 n-Heptane	43	5.869	5.869	0.000	94	1212007	200.0	190.8	
* 63 Fluorobenzene	96	6.012	6.012	0.000	98	752100	50.0	50.0	
64 n-Butanol	56	6.435	6.435	0.000	90	637543	5000.0	5463.9	
65 Trichloroethene	95	6.449	6.449	0.000	97	761024	200.0	192.9	
66 Methylcyclohexane	83	6.585	6.592	-0.007	95	1294908	200.0	194.7	
67 Ethyl acrylate	55	6.635	6.635	0.000	98	1050473	200.0	193.9	
68 1,2-Dichloropropane	63	6.800	6.800	0.000	91	795363	200.0	200.2	
* 69 1,4-Dioxane-d8	96	6.872	6.872	0.000	0	42639	1000.0	1000.0	
70 Methyl methacrylate	100	6.922	6.922	0.000	90	366863	400.0	383.3	
71 1,4-Dioxane	88	6.936	6.936	0.000	92	190264	4000.0	3957.5	
72 Dibromomethane	93	6.943	6.943	0.000	94	427444	200.0	184.8	
73 n-Propyl acetate	43	6.994	6.993	0.001	99	1147968	200.0	198.6	
74 Dichlorobromomethane	83	7.123	7.122	0.000	99	987534	200.0	205.8	
75 2-Nitropropane	41	7.473	7.473	0.000	99	383157	400.0	356.2	
76 2-Chloroethyl vinyl ether	63	7.481	7.480	0.001	85	283820	200.5	192.4	
77 Epichlorohydrin	57	7.574	7.574	0.000	99	1122137	4000.0	3818.8	
78 cis-1,3-Dichloropropene	75	7.624	7.624	0.000	95	1289976	200.0	202.9	
79 4-Methyl-2-pentanone (MIBK)	43	7.781	7.781	0.000	98	3865870	1000.0	1026.4	
$ 80 Toluene-d8 (Surr)	98	7.839	7.846	-0.007	99	653926	50.0	52.3	
81 Toluene	91	7.910	7.910	0.000	93	2993520	200.0	194.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 trans-1,3-Dichloropropene	75	8.211	8.211	0.000	98	1150734	200.0	200.5	
83 Ethyl methacrylate	69	8.247	8.247	0.000	89	1053664	200.0	210.0	
84 1,1,2-Trichloroethane	83	8.383	8.383	0.000	96	581596	200.0	196.4	
85 Tetrachloroethene	166	8.412	8.412	0.000	94	688790	200.0	192.5	
86 1,3-Dichloropropane	76	8.541	8.541	0.000	94	1155536	200.0	206.3	
87 2-Hexanone	43	8.591	8.591	0.000	98	2925544	1000.0	1060.9	
88 n-Butyl acetate	73	8.677	8.677	0.000	98	199514	200.0	185.5	
89 Chlorodibromomethane	129	8.713	8.712	0.001	97	779939	200.0	213.0	
90 Ethylene Dibromide	107	8.820	8.820	0.000	99	686140	200.0	203.2	
* 91 Chlorobenzene-d5	117	9.200	9.200	0.000	89	502004	50.0	50.0	
92 Chlorobenzene	112	9.221	9.228	-0.007	92	1913421	200.0	197.2	
93 Ethylbenzene	106	9.293	9.293	0.000	99	979777	200.0	193.8	
94 1,1,1,2-Tetrachloroethane	131	9.307	9.300	0.007	95	674141	200.0	199.4	
95 m-Xylene & p-Xylene	106	9.393	9.393	0.000	0	1264249	200.0	196.6	
96 n-Butyl acrylate	73	9.694	9.694	0.000	96	545336	200.0	180.3	
97 o-Xylene	106	9.723	9.722	0.001	93	1163679	200.0	192.7	
98 Styrene	104	9.744	9.744	0.000	93	2056857	200.0	197.1	
99 Amyl acetate (mixed isomers)	43	9.873	9.873	0.000	89	1333409	200.0	191.1	
100 Bromoform	173	9.916	9.916	0.000	94	526108	200.0	215.6	
101 Isopropylbenzene	105	10.002	10.002	0.000	97	2956097	200.0	199.3	
$ 102 4-Bromofluorobenzene	174	10.160	10.167	-0.007	0	182027	50.0	51.6	
103 Bromobenzene	156	10.274	10.274	0.000	96	750896	200.0	194.2	
104 1,1,2,2-Tetrachloroethane	83	10.296	10.295	0.001	98	925290	200.0	202.6	
105 N-Propylbenzene	91	10.317	10.317	0.000	99	4053998	200.0	196.0	
106 1,2,3-Trichloropropane	110	10.339	10.338	0.001	94	255916	200.0	200.7	
107 trans-1,4-Dichloro-2-butene	53	10.346	10.346	0.000	86	317801	200.0	207.7	
108 4-Ethyltoluene	105	10.410	10.410	0.000	98	2817615	200.0	180.0	
109 2-Chlorotoluene	91	10.410	10.410	0.000	96	2604896	200.0	192.6	
110 1,3,5-Trimethylbenzene	105	10.453	10.453	0.000	92	2758199	200.0	200.6	
111 4-Chlorotoluene	91	10.496	10.496	0.000	99	2595929	200.0	202.9	
112 Butyl Methacrylate	87	10.518	10.518	0.000	94	973779	200.0	192.5	
113 tert-Butylbenzene	119	10.690	10.689	0.001	92	2341049	200.0	197.6	
114 1,2,4-Trimethylbenzene	105	10.740	10.740	0.000	99	2704809	200.0	196.0	
115 sec-Butylbenzene	105	10.854	10.854	0.000	98	3531060	200.0	195.4	
116 4-Isopropyltoluene	119	10.955	10.954	0.001	97	2828452	200.0	193.9	
117 1,3-Dichlorobenzene	146	10.976	10.969	0.007	95	1419322	200.0	192.4	
* 118 1,4-Dichlorobenzene-d4	152	11.026	11.026	0.000	92	267353	50.0	50.0	
119 1,4-Dichlorobenzene	146	11.041	11.040	0.001	92	1415553	200.0	188.3	
120 1,2,3-Trimethylbenzene	105	11.055	11.055	0.000	99	2569378	200.0	182.8	
121 Benzyl chloride	126	11.148	11.148	0.000	99	364694	200.0	194.7	
122 2,3-Dihydroindene	117	11.205	11.205	0.000	94	2628548	200.0	183.9	
123 p-Diethylbenzene	119	11.234	11.234	0.000	93	1779811	200.0	182.2	
124 n-Butylbenzene	92	11.256	11.255	0.001	97	1679049	200.0	196.6	
125 1,2-Dichlorobenzene	146	11.320	11.320	0.000	94	1441157	200.0	199.7	
126 1,2,4,5-Tetramethylbenzene	119	11.836	11.836	0.000	97	2459139	200.0	183.2	
127 1,2-Dibromo-3-Chloropropane	157	11.943	11.950	-0.007	97	206790	200.0	208.2	
128 1,3,5-Trichlorobenzene	180	12.072	12.072	0.000	96	982540	200.0	180.4	
129 1,2,4-Trichlorobenzene	180	12.674	12.674	0.000	94	950133	200.0	193.6	
130 Hexachlorobutadiene	225	12.781	12.781	0.000	89	496983	200.0	199.2	
131 Naphthalene	128	12.953	12.953	0.000	99	2611854	200.0	199.3	
132 1,2,3-Trichlorobenzene	180	13.225	13.225	0.000	94	884551	200.0	195.4	
S 133 1,2-Dichloroethene, Total	100				0		400.0	364.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 134 1,3-Dichloropropene, Total	100				0		400.0	403.3	
S 135 Xylenes, Total	100				0		400.0	389.2	
S 136 Total BTEX	1				0		1000.0	967.1	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

MIX I Hi_00179	Amount Added:	2.00	Units: uL	
MIX 2 Hi_00152	Amount Added:	2.00	Units: uL	
Ethanol mix_00092	Amount Added:	2.00	Units: uL	
7 Freons Hi_00017	Amount Added:	2.00	Units: uL	
GAS Hi_00476	Amount Added:	2.00	Units: uL	
ACROLEIN W_00172	Amount Added:	5.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00249	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 30-Aug-2024 08:03:07 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20240819-179789.b\D18725.D

Injection Date: 20-Aug-2024 02:38:30 Instrument ID: CVOAMS4 Operator ID:

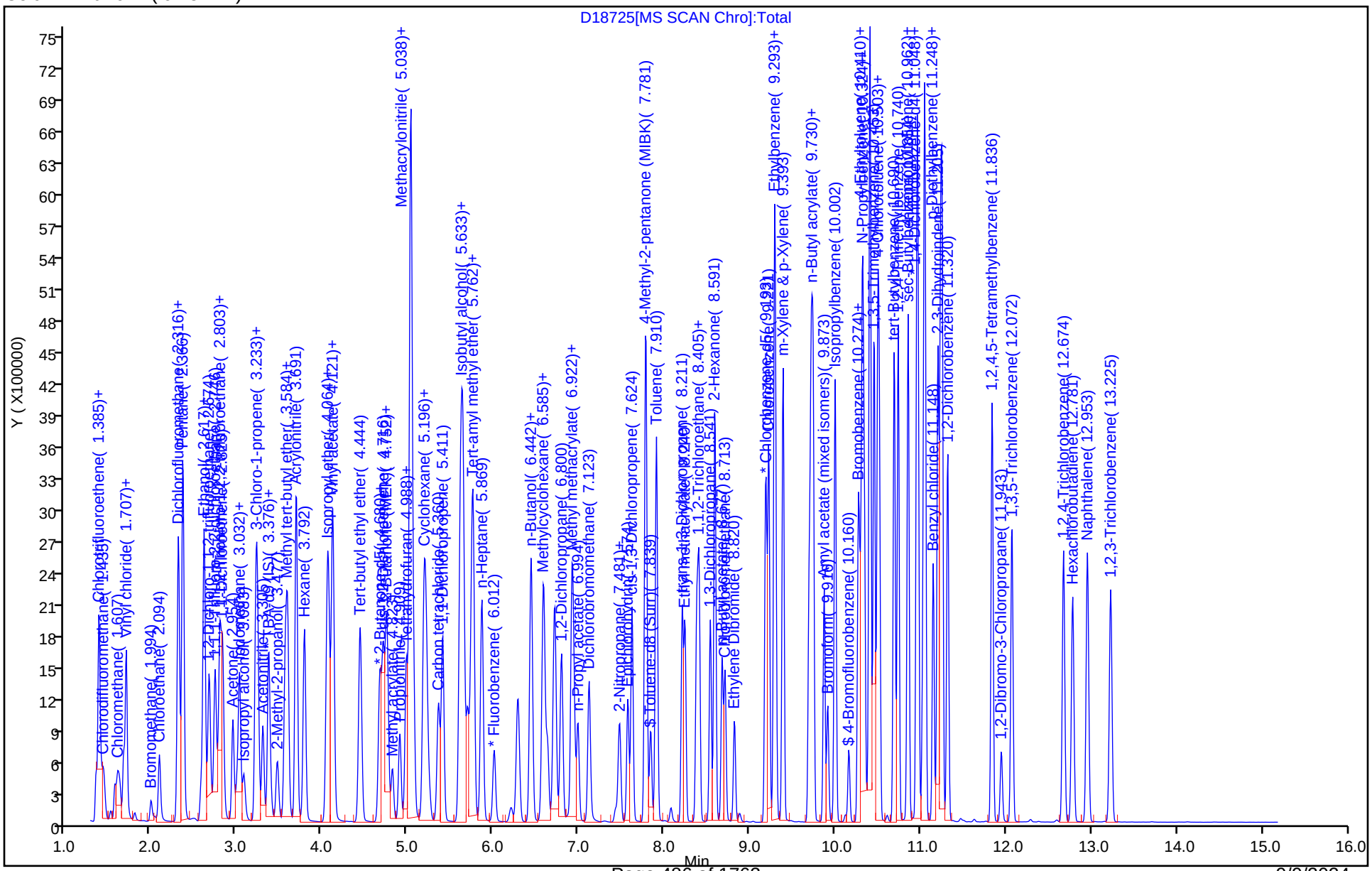
Lims ID: STD200 Worklist Smp#: 9

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 8

Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20240819-179789.b\D18726.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 20-Aug-2024 03:01:30 ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0179789-010
Operator ID: Instrument ID: CVOAMS4
Sublist: chrom-8260S_4*sub48

Method: \\chromfs\Edison\ChromData\CVOAMS4\20240819-179789.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 30-Aug-2024 08:03:11 Calib Date: 20-Aug-2024 03:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20240819-179789.b\D18726.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1608

First Level Reviewer: HVW2 Date: 20-Aug-2024 03:31:14

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.356	1.356	0.000	89	572283	500.0	450.9	
2 Dichlorodifluoromethane	85	1.385	1.392	-0.007	99	3887289	500.0	545.2	
3 Chlorodifluoromethane	51	1.435	1.435	0.000	97	2940706	500.0	456.3	M
4 Chloromethane	50	1.607	1.607	0.000	99	3017787	500.0	549.3	
5 Vinyl chloride	62	1.678	1.678	0.000	100	1863137	500.0	506.4	
6 Butadiene	54	1.707	1.707	0.000	94	1647218	500.0	467.7	
7 Bromomethane	94	1.994	2.001	-0.007	98	481600	500.0	499.6	
8 Chloroethane	64	2.087	2.101	-0.014	100	1177636	500.0	370.4	
9 Trichlorofluoromethane	101	2.309	2.323	-0.014	100	3262913	500.0	486.9	
10 Dichlorofluoromethane	67	2.316	2.323	-0.007	99	3888749	500.0	460.7	
11 Pentane	72	2.366	2.373	-0.007	92	641086	1000.0	696.5	
12 Ethanol	46	2.595	2.581	0.014	97	450752	20000	18313	
13 Ethyl ether	59	2.617	2.617	0.000	84	1334629	500.0	390.7	
14 2-Methyl-1,3-butadiene	53	2.617	2.624	-0.007	95	1363861	500.0	363.2	
15 1,2-Dichloro-1,1,2-trifluoroetha	117	2.674	2.681	-0.007	95	1543236	500.0	445.7	
16 1,1,1-Trifluoro-2,2-dichloroetha	83	2.746	2.746	0.000	98	2768254	500.0	467.0	
17 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.803	2.803	0.000	95	1910628	500.0	461.0	
18 Acrolein	56	2.810	2.810	0.000	98	471953	600.0	559.9	
19 1,1-Dichloroethene	96	2.832	2.839	-0.007	97	1638609	500.0	435.9	
20 Acetone	43	2.961	2.953	0.008	86	3343525	2500.0	2818.0	
21 Iodomethane	142	3.004	3.004	0.000	100	1573174	500.0	514.8	
22 Carbon disulfide	76	3.032	3.032	0.000	100	5284024	500.0	392.3	
23 Isopropyl alcohol	45	3.097	3.082	0.015	99	1585251	5000.0	5362.3	
24 3-Chloro-1-propene	76	3.219	3.226	-0.007	86	935596	500.0	473.0	
25 Cyclopentene	67	3.233	3.233	0.000	94	3406830	500.0	411.5	
26 Methyl acetate	43	3.254	3.247	0.007	100	2977789	1000.0	974.6	
27 Acetonitrile	40	3.312	3.304	0.008	98	1452849	5000.0	4566.3	
28 Methylene Chloride	84	3.369	3.376	-0.007	96	1889659	500.0	420.2	
* 29 TBA-d9 (IS)	65	3.405	3.390	0.015	0	401543	1000.0	1000.0	
30 2-Methyl-2-propanol	59	3.484	3.469	0.015	99	2002780	5000.0	4629.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Methyl tert-butyl ether	73	3.570	3.569	0.001	97	4668222	500.0	428.4	
32 trans-1,2-Dichloroethene	96	3.598	3.598	0.000	98	1722550	500.0	408.0	
33 Acrylonitrile	53	3.706	3.691	0.015	93	6177179	5000.0	5026.8	
34 Hexane	57	3.792	3.791	0.001	93	2634958	500.0	410.7	
35 Isopropyl ether	45	4.064	4.064	0.000	97	5888736	500.0	450.3	
36 1,1-Dichloroethane	63	4.085	4.078	0.007	100	3223084	500.0	443.4	
37 Vinyl acetate	86	4.121	4.121	0.000	100	657799	1000.0	789.4	
38 2-Chloro-1,3-butadiene	88	4.135	4.135	0.000	93	1308517	500.0	395.8	
39 Tert-butyl ethyl ether	59	4.443	4.443	0.000	88	5599797	500.0	465.5	
40 2,2-Dichloropropane	79	4.673	4.672	0.001	97	571081	500.0	285.9	
* 41 2-Butanone-d5	46	4.687	4.680	0.007	96	410826	250.0	250.0	
42 cis-1,2-Dichloroethene	96	4.716	4.715	0.001	98	1854171	500.0	433.6	
43 2-Butanone (MEK)	72	4.751	4.744	0.007	98	1099980	2500.0	2566.7	
44 Ethyl acetate	70	4.773	4.766	0.007	97	412599	1000.0	1094.2	
45 Methyl acrylate	55	4.823	4.823	0.000	99	1773920	500.0	484.1	
46 Propionitrile	54	4.916	4.902	0.014	98	2653919	5000.0	5029.6	
47 Tetrahydrofuran	72	4.988	4.981	0.008	93	465334	1000.0	943.8	
48 Chlorobromomethane	128	4.988	4.988	0.000	96	791418	500.0	441.5	
49 Methacrylonitrile	67	5.052	5.031	0.021	95	5571139	5000.0	3679.1	
50 Chloroform	83	5.074	5.059	0.015	99	2996155	500.0	440.0	
51 Cyclohexane	84	5.196	5.195	0.001	94	2551704	500.0	435.0	
52 1,1,1-Trichloroethane	97	5.224	5.217	0.007	98	2860951	500.0	474.8	
$ 53 Dibromofluoromethane (Surr)	113	5.260	5.253	0.007	96	185230	50.0	51.3	
54 Carbon tetrachloride	117	5.360	5.360	0.000	98	1759643	500.0	381.3	
55 1,1-Dichloropropene	75	5.410	5.410	0.000	95	2727042	500.0	473.0	
56 Isobutyl alcohol	43	5.625	5.611	0.014	66	3458195	12500	12635	
137 Isooctane	57	5.625	5.625	0.000	93	6635880	500.0	433.1	a
57 Benzene	78	5.654	5.647	0.007	98	6275366	500.0	455.4	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.683	5.675	0.008	88	179572	50.0	46.5	
59 Tert-amyl methyl ether	87	5.754	5.754	0.000	92	1540301	500.0	453.6	
60 Isopropyl acetate	61	5.769	5.768	0.001	98	942923	500.0	435.2	
61 1,2-Dichloroethane	62	5.776	5.768	0.008	96	2317885	500.0	460.5	
62 n-Heptane	43	5.869	5.869	0.000	94	3119367	500.0	464.4	
* 63 Fluorobenzene	96	6.012	6.012	0.000	98	795179	50.0	50.0	
64 n-Butanol	56	6.449	6.435	0.014	77	1530085	12500	13329	
65 Trichloroethene	95	6.449	6.449	0.000	96	1842464	500.0	441.6	
66 Methylcyclohexane	83	6.592	6.592	0.000	95	3231432	500.0	459.5	
67 Ethyl acrylate	55	6.642	6.635	0.007	99	2904223	500.0	507.1	
68 1,2-Dichloropropane	63	6.800	6.800	0.000	90	1999897	500.0	476.0	
* 69 1,4-Dioxane-d8	96	6.879	6.872	0.007	0	43894	1000.0	1000.0	
70 Methyl methacrylate	100	6.929	6.922	0.007	91	887313	1000.0	876.8	
71 1,4-Dioxane	88	6.943	6.936	0.007	91	436621	10000	8822.0	
72 Dibromomethane	93	6.950	6.943	0.007	94	963680	500.0	394.1	
73 n-Propyl acetate	43	6.993	6.993	0.000	99	3051513	500.0	499.3	
74 Dichlorobromomethane	83	7.122	7.122	0.000	99	2483275	500.0	489.5	
75 2-Nitropropane	41	7.473	7.473	0.000	92	999262	1000.0	878.7	
76 2-Chloroethyl vinyl ether	63	7.488	7.480	0.008	86	648405	501.2	503.0	
77 Epichlorohydrin	57	7.581	7.574	0.007	100	2235381	10000	8012.6	
78 cis-1,3-Dichloropropene	75	7.631	7.624	0.007	95	3156812	500.0	525.5	
79 4-Methyl-2-pentanone (MIBK)	43	7.789	7.781	0.008	99	8524626	2500.0	2383.9	
$ 80 Toluene-d8 (Surr)	98	7.846	7.846	0.000	99	671891	50.0	56.9	
81 Toluene	91	7.918	7.910	0.008	93	6965980	500.0	478.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
82 trans-1,3-Dichloropropene	75	8.211	8.211	0.000	98	2784148	500.0	513.3	
83 Ethyl methacrylate	69	8.247	8.247	0.000	91	2549020	500.0	480.5	
84 1,1,2-Trichloroethane	83	8.383	8.383	0.000	96	1359876	500.0	486.1	
85 Tetrachloroethene	166	8.412	8.412	0.000	93	1679168	500.0	496.6	
86 1,3-Dichloropropane	76	8.541	8.541	0.000	95	2810302	500.0	530.9	
87 2-Hexanone	43	8.598	8.591	0.007	99	6558896	2500.0	2505.2	
88 n-Butyl acetate	73	8.684	8.677	0.007	98	510573	500.0	502.3	
89 Chlorodibromomethane	129	8.713	8.712	0.001	97	1920305	500.0	555.2	
90 Ethylene Dibromide	107	8.827	8.820	0.007	98	1706899	500.0	535.0	
* 91 Chlorobenzene-d5	117	9.200	9.200	0.000	91	474286	50.0	50.0	
92 Chlorobenzene	112	9.228	9.228	0.000	91	4406210	500.0	480.6	
93 Ethylbenzene	106	9.293	9.293	0.000	100	2097390	500.0	439.2	
94 1,1,1,2-Tetrachloroethane	131	9.307	9.300	0.007	93	1524653	500.0	477.3	
95 m-Xylene & p-Xylene	106	9.393	9.393	0.000	0	2917449	500.0	480.1	
96 n-Butyl acrylate	73	9.694	9.694	0.000	95	1312953	500.0	459.4	
97 o-Xylene	106	9.723	9.722	0.001	91	2535459	500.0	444.3	
98 Styrene	104	9.744	9.744	0.000	91	4603760	500.0	466.9	
99 Amyl acetate (mixed isomers)	43	9.873	9.873	0.000	88	3398416	500.0	460.8	
100 Bromoform	173	9.916	9.916	0.000	94	1329216	500.0	576.5	
101 Isopropylbenzene	105	10.002	10.002	0.000	97	6766524	500.0	482.8	
$ 102 4-Bromofluorobenzene	174	10.167	10.167	0.000	0	189303	50.0	50.8	
103 Bromobenzene	156	10.274	10.274	0.000	94	1770461	500.0	433.1	
104 1,1,2,2-Tetrachloroethane	83	10.296	10.295	0.001	98	2168832	500.0	449.2	
105 N-Propylbenzene	91	10.324	10.317	0.007	98	8937266	500.0	408.7	
106 1,2,3-Trichloropropane	110	10.339	10.338	0.001	93	577783	500.0	428.7	
107 trans-1,4-Dichloro-2-butene	53	10.353	10.346	0.007	85	792498	500.0	490.0	
108 4-Ethyltoluene	105	10.410	10.410	0.000	97	6193913	500.0	374.3	
109 2-Chlorotoluene	91	10.410	10.410	0.000	96	5563798	500.0	389.0	
110 1,3,5-Trimethylbenzene	105	10.460	10.453	0.007	94	6157454	500.0	423.6	
111 4-Chlorotoluene	91	10.503	10.496	0.007	99	5740533	500.0	424.4	
112 Butyl Methacrylate	87	10.525	10.518	0.007	96	2257526	500.0	422.2	
113 tert-Butylbenzene	119	10.697	10.689	0.008	91	5276725	500.0	421.2	
114 1,2,4-Trimethylbenzene	105	10.740	10.740	0.000	99	6221522	500.0	426.4	
115 sec-Butylbenzene	105	10.854	10.854	0.000	98	8041717	500.0	421.0	
116 4-Isopropyltoluene	119	10.962	10.954	0.008	98	5999266	500.0	389.1	
117 1,3-Dichlorobenzene	146	10.976	10.969	0.007	94	3131821	500.0	401.6	
* 118 1,4-Dichlorobenzene-d4	152	11.026	11.026	0.000	91	282628	50.0	50.0	
119 1,4-Dichlorobenzene	146	11.048	11.040	0.008	91	3072879	500.0	386.6	
120 1,2,3-Trimethylbenzene	105	11.055	11.055	0.000	99	5852497	500.0	393.8	
121 Benzyl chloride	126	11.155	11.148	0.007	98	933617	500.0	471.6	
122 2,3-Dihydroindene	117	11.205	11.205	0.000	94	6274607	500.0	415.2	
123 p-Diethylbenzene	119	11.234	11.234	0.000	92	4119935	500.0	399.0	
124 n-Butylbenzene	92	11.255	11.255	0.000	97	3731725	500.0	413.4	
125 1,2-Dichlorobenzene	146	11.320	11.320	0.000	97	3453553	500.0	452.6	
126 1,2,4,5-Tetramethylbenzene	119	11.843	11.836	0.007	96	5963785	500.0	420.3	
127 1,2-Dibromo-3-Chloropropane	157	11.950	11.950	0.000	97	522456	500.0	497.6	
128 1,3,5-Trichlorobenzene	180	12.072	12.072	0.000	96	2520065	500.0	437.7	
129 1,2,4-Trichlorobenzene	180	12.674	12.674	0.000	94	2290369	500.0	441.4	
130 Hexachlorobutadiene	225	12.781	12.781	0.000	89	1314700	500.0	498.5	
131 Naphthalene	128	12.953	12.953	0.000	99	6342285	500.0	457.7	
132 1,2,3-Trichlorobenzene	180	13.225	13.225	0.000	94	2188188	500.0	457.2	
S 133 1,2-Dichloroethene, Total	100				0		1000.0	841.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 134 1,3-Dichloropropene, Total	100				0		1000.0	1038.8	
S 135 Xylenes, Total	100				0		1000.0	924.4	
S 136 Total BTEX	1				0		2500.0	2297.6	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

MIX I Hi_00179	Amount Added:	5.00	Units: uL	
MIX 2 Hi_00152	Amount Added:	5.00	Units: uL	
Ethanol mix_00092	Amount Added:	5.00	Units: uL	
7 Freons Hi_00017	Amount Added:	5.00	Units: uL	
GAS Hi_00476	Amount Added:	5.00	Units: uL	
ACROLEIN W_00172	Amount Added:	6.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00249	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 30-Aug-2024 08:03:12 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20240819-179789.b\D18726.D

Injection Date: 20-Aug-2024 03:01:30 Instrument ID: CVOAMS4 Operator ID:

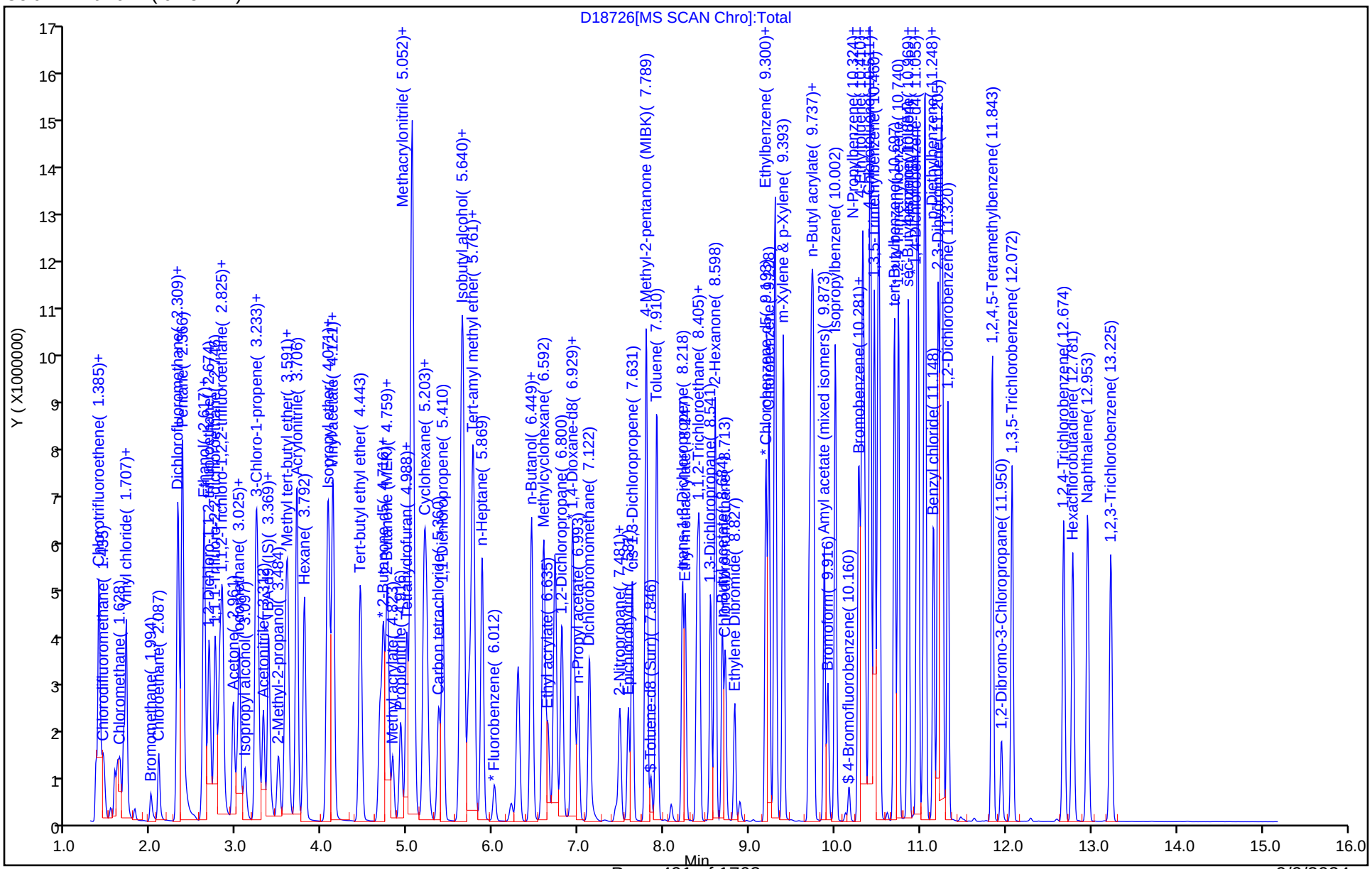
Lims ID: STD500 Worklist Smp#: 10

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 9

Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



9/9/2024
1:05:41 PM

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-309671-1 Analy Batch No.: 987459

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 07/27/2024 00:31 Calibration End Date: 07/27/2024 02:33 Calibration ID: 98235

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-987459/3	K62752.D
Level 2	STD5 460-987459/4	K62753.D
Level 3	STD20 460-987459/5	K62754.D
Level 4	STD50 460-987459/6	K62755.D
Level 5	STD200 460-987459/7	K62756.D
Level 6	STD500 460-987459/8	K62757.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Chlorotrifluoroethene	0.0165 0.1192	0.0619	0.0757	0.0806	0.1178	QuaF		0.1108	0.0000173						0.9990		0.9900
Dichlorodifluoromethane	0.3616 0.6371	0.2950	0.3370	0.3709	0.6596	QuaF		0.6253	0.0000269		0.1000				0.9970		0.9900
Chlorodifluoromethane	0.0590 0.0619	0.0704	0.0512	0.0484	0.0617	Ave		0.0588				13.6		20.0			
Chloromethane	0.4269 0.5577	0.3417	0.3713	0.4124	0.5956	QuaF		0.5870	-0.000056		0.1000				0.9980		0.9900
Butadiene	0.3423 0.3898	0.2671	0.2866	0.3126	0.4199	Ave		0.3364				17.7		20.0			
Vinyl chloride	0.3229 0.4085	0.3134	0.3052	0.3276	0.4342	Ave		0.3520			0.1000	15.6		20.0			
Bromomethane	0.3264 0.3257	0.2866	0.2693	0.2941	0.3619	Ave		0.3107			0.1000	10.8		20.0			
Chloroethane	0.2015 0.2154	0.1906	0.1835	0.1965	0.2406	Ave		0.2047			0.1000	10.1		20.0			
Pentane	9.5141 9.9002	7.0513	9.3175	7.4542	7.8490	Ave		8.5144				14.2		20.0			
Dichlorofluoromethane	0.5748 0.6650	0.5916	0.5498	0.6178	0.7237	Ave		0.6204				10.3		20.0			
Trichlorofluoromethane	0.4303 0.4786	0.3273	0.2880	0.3507	0.4447	Ave		0.3866			0.1000	19.5		20.0			
Ethyl ether	0.2517 0.1787	0.2296	0.1790	0.1881	0.1845	Ave		0.2019				15.4		20.0			
2-Methyl-1,3-butadiene	0.4645 0.2331	0.2726	0.2328	0.2502	0.2406	Lin2	0.2293	0.2335							0.9980		0.9900
Ethanol	0.2506 0.1301	0.2222	0.1744	0.1308	0.1204	QuaF		0.1177	0.0000006						0.9990		0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-309671-1 Analy Batch No.: 987459

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 07/27/2024 00:31 Calibration End Date: 07/27/2024 02:33 Calibration ID: 98235

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2-Dichloro-1,1,2-trifluoroethane	0.2861 0.2836	0.2391	0.2473	0.2579	0.2890	Ave		0.2672				8.2		20.0			
1,1,1-Trifluoro-2,2-dichloroethane	0.4180 0.4535	0.3874	0.3903	0.4489	0.4655	Ave		0.4273				7.9		20.0			
Acrolein	6.1404 5.7533	5.9203	6.1901	5.4642	6.0583	Ave		5.9211				4.6		20.0			
1,1-Dichloroethene	0.3083 0.3082	0.2802	0.2801	0.3022	0.2987	Ave		0.2963			0.1000	4.4		20.0			
Acetone	1.2185 +++++	0.7132	0.6883	0.7361	0.7717	Lin2	2.5187	0.6971			0.0500				0.9910		0.9900
1,1,2-Trichloro-1,2,2-trifluoroethane	0.2772 0.3515	0.2639	0.3143	0.3393	0.3444	Ave		0.3151			0.1000	11.7		20.0			
Iodomethane	0.6233 0.5680	0.5082	0.5216	0.5430	0.5392	Ave		0.5506				7.4		20.0			
Isopropyl alcohol	4.2056 2.5198	3.0976	2.8029	2.7432	2.3178	Lin2	16.500	2.5966							0.9950		0.9900
Carbon disulfide	1.3207 1.3794	1.1693	1.2466	1.3231	1.3156	Ave		1.2924			0.1000	5.7		20.0			
Acetonitrile	2.3753 1.6288	1.8897	2.3044	1.5703	1.7981	Ave		1.9278				17.6		20.0			
3-Chloro-1-propene	0.3012 0.2211	0.2554	0.2287	0.2555	0.2457	Ave		0.2513				11.2		20.0			
Methyl acetate	30.956 19.292	24.843	20.967	18.752	19.000	Lin2	23.348	19.817			0.1000				0.9940		0.9900
Cyclopentene	0.6582 0.6248	0.5810	0.5954	0.6357	0.6157	Ave		0.6185				4.5		20.0			
Methylene Chloride	0.4183 0.3328	0.3391	0.3118	0.3368	0.3201	Ave		0.3431			0.1000	11.1		20.0			
2-Methyl-2-propanol	7.1324 5.1168	5.6010	5.7831	4.9754	4.9652	Ave		5.5957				14.8		20.0			
Acrylonitrile	0.0954 0.0766	0.0799	0.0779	0.0829	0.0811	Ave		0.0823				8.3		20.0			
Methyl tert-butyl ether	0.8248 0.8126	0.8133	0.7829	0.8354	0.8249	Ave		0.8156			0.1000	2.2		20.0			
trans-1,2-Dichloroethene	0.3043 0.3176	0.3090	0.3108	0.3145	0.3044	Ave		0.3101			0.1000	1.7		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-309671-1 Analy Batch No.: 987459

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 07/27/2024 00:31 Calibration End Date: 07/27/2024 02:33 Calibration ID: 98235

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Hexane	0.1876 0.2085	0.1833	0.2078	0.2194	0.2079	Ave		0.2024				6.9		20.0			
1,1-Dichloroethane	0.5220 0.4815	0.4728	0.4677	0.4881	0.4699	Ave		0.4837			0.2000	4.2		20.0			
Vinyl acetate	9.8644 9.1952	7.5805	8.0738	7.3355	7.8915	Ave		8.3235				11.9		20.0			
Isopropyl ether	0.6648 0.6923	0.6835	0.6842	0.7129	0.7022	Ave		0.6900				2.4		20.0			
2-Chloro-1,3-butadiene	0.2996 0.2686	0.2507	0.2698	0.2699	0.2753	Ave		0.2723				5.8		20.0			
Tert-butyl ethyl ether	0.4263 0.3831	0.3171	0.3419	0.3856	0.3914	Ave		0.3742				10.4		20.0			
cis-1,2-Dichloroethene	0.3645 0.3440	0.3313	0.3370	0.3478	0.3370	Ave		0.3436			0.1000	3.4		20.0			
2-Butanone (MEK)	0.4926 0.4170	0.4598	0.3928	0.3961	0.3979	Ave		0.4260			0.0500	9.6		20.0			
2,2-Dichloropropane	0.2236 0.1584	0.1469	0.1449	0.1536	0.1512	Ave		0.1631				18.4		20.0			
Ethyl acetate	0.7836 0.3733	0.4987	0.3862	0.3797	0.3607	Qua2	0.8191	0.3805	-0.000015						0.9970		0.9900
Propionitrile	6.0065 5.1927	4.7258	5.5951	4.7372	5.0865	Ave		5.2240				9.6		20.0			
Methyl acrylate	0.3446 0.2333	0.2468	0.2339	0.2423	0.2591	Ave		0.2600				16.3		20.0			
Methacrylonitrile	0.1067 0.0994	0.1016	0.0984	0.1022	0.1069	Ave		0.1025				3.5		20.0			
Chlorobromomethane	0.1801 0.1529	0.1650	0.1561	0.1551	0.1521	Ave		0.1602				6.7		20.0			
Tetrahydrofuran	0.5866 0.4827	0.6065	0.4813	0.4834	0.4668	Ave		0.5179				11.9		20.0			
Chloroform	0.5856 0.5110	0.5229	0.5095	0.5194	0.4937	Ave		0.5237			0.2000	6.1		20.0			
1,1,1-Trichloroethane	0.4323 0.5022	0.4391	0.4667	0.4935	0.4848	Ave		0.4698			0.1000	6.2		20.0			
Cyclohexane	0.4987 0.5463	0.4325	0.5132	0.5019	0.5436	Ave		0.5061			0.1000	8.2		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-309671-1 Analy Batch No.: 987459

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 07/27/2024 00:31 Calibration End Date: 07/27/2024 02:33 Calibration ID: 98235

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,1-Dichloropropene	0.4486 0.4052	0.3627	0.4018	0.4046	0.4163	Ave		0.4065				6.8		20.0			
Carbon tetrachloride	0.3700 0.4297	0.3363	0.4013	0.3955	0.4190	Ave		0.3920			0.1000	8.7		20.0			
Isobutyl alcohol	0.3031 0.2196	0.1924	0.2268	0.1970	0.1977	Ave		0.2228				18.7		20.0			
Benzene	1.9320 1.5486	1.8116	1.8589	1.7642	1.6750	Ave		1.7650			0.5000	7.8		20.0			
1,2-Dichloroethane	0.3887 0.3278	0.3346	0.3389	0.3384	0.3334	Ave		0.3436			0.1000	6.5		20.0			
Isopropyl acetate	0.1056 0.0911	0.0920	0.1335	0.1383	0.1115	Ave		0.1120				18.0		20.0			
Isooctane	0.7984 1.2530	0.7744	1.0797	1.1412	1.2419	QuaF		1.2171	0.0000730						1.0000		0.9900
Tert-amyl methyl ether	0.9064 0.8948	0.7932	0.8404	0.8861	0.9134	Ave		0.8724				5.3		20.0			
n-Heptane	0.4072 0.3533	0.2961	0.3625	0.3707	0.3639	Ave		0.3590				10.0		20.0			
n-Butanol	1.8147 1.2896	1.2749	1.3783	1.0848	1.2602	Ave		1.3504				18.3		20.0			
Trichloroethene	0.3537 0.3335	0.2749	0.3147	0.3209	0.3246	Ave		0.3204			0.2000	8.1		20.0			
Ethyl acrylate	0.2495 0.2712	0.2399	0.2328	0.2689	0.2780	Ave		0.2567				7.2		20.0			
Methylcyclohexane	0.4220 0.6554	0.4778	0.5949	0.6063	0.6054	Ave		0.5603			0.1000	16.0		20.0			
1,2-Dichloropropane	0.2872 0.2828	0.2515	0.2628	0.2735	0.2663	Ave		0.2707			0.1000	4.9		20.0			
Dibromomethane	0.2062 0.1856	0.1776	0.1736	0.1787	0.1816	Ave		0.1839				6.3		20.0			
Methyl methacrylate	0.1743 0.1705	0.1567	0.1522	0.1647	0.1756	Ave		0.1657				5.8		20.0			
1,4-Dioxane	2.0054 +++++	1.7778	1.4403	1.3776	1.3847	Ave		1.5972				17.6		20.0			
n-Propyl acetate	0.3419 0.2566	0.2294	0.2507	0.2580	0.2776	Ave		0.2690				14.5		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-309671-1 Analy Batch No.: 987459

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 07/27/2024 00:31 Calibration End Date: 07/27/2024 02:33 Calibration ID: 98235

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dichlorobromomethane	0.3962 0.4071	0.3275	0.3405	0.3787	0.3910	Ave		0.3735			0.2000	8.6		20.0			
2-Nitropropane	0.0700 0.0490	0.0471	0.0479	0.0485	0.0533	Ave		0.0526				16.7		20.0			
2-Chloroethyl vinyl ether	0.1645 0.1589	0.1625	0.1441	0.1481	0.1639	Ave		0.1570				5.6		20.0			
Epichlorohydrin	0.3797 0.3584	0.2882	0.3143	0.3334	0.3458	Ave		0.3366				9.6		20.0			
cis-1,3-Dichloropropene	0.6629 0.6073	0.6227	0.6215	0.6491	0.6394	Ave		0.6338			0.2000	3.2		20.0			
4-Methyl-2-pentanone (MIBK)	2.7858 2.5934	2.6341	2.6007	2.5870	2.5599	Ave		2.6268			0.0500	3.1		20.0			
Toluene	2.0892 1.6987	1.7816	1.8354	1.7980	1.7872	Ave		1.8317			0.4000	7.3		20.0			
trans-1,3-Dichloropropene	0.5061 0.5077	0.4884	0.5114	0.5231	0.5420	Ave		0.5131			0.1000	3.5		20.0			
Ethyl methacrylate	0.4213 0.4190	0.4362	0.4244	0.4417	0.4586	Ave		0.4335				3.5		20.0			
1,1,2-Trichloroethane	0.3126 0.2572	0.2994	0.2700	0.2686	0.2798	Ave		0.2813			0.1000	7.4		20.0			
Tetrachloroethene	0.4244 0.4103	0.4177	0.4306	0.4304	0.4367	Ave		0.4250			0.2000	2.3		20.0			
1,3-Dichloropropane	0.5226 0.4976	0.5132	0.4951	0.5250	0.5293	Ave		0.5138				2.8		20.0			
2-Hexanone	1.6862 1.7212	1.4924	1.5678	1.6018	1.6478	Ave		1.6195			0.0500	5.1		20.0			
Chlorodibromomethane	0.3629 0.3725	0.3361	0.3515	0.3681	0.3939	Ave		0.3642			0.1000	5.4		20.0			
n-Butyl acetate	0.4403 0.3439	0.4708	0.3766	0.3912	0.4010	Ave		0.4040				11.2		20.0			
Ethylene Dibromide	0.2989 0.3247	0.3590	0.3339	0.3303	0.3455	Ave		0.3320			0.1000	6.1		20.0			
Chlorobenzene	1.0934 1.1102	1.1006	1.1114	1.1344	1.1163	Ave		1.1110			0.5000	1.3		20.0			
1,1,1,2-Tetrachloroethane	0.4858 0.4250	0.4325	0.4129	0.4407	0.4390	Ave		0.4393				5.7		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-309671-1 Analy Batch No.: 987459

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 07/27/2024 00:31 Calibration End Date: 07/27/2024 02:33 Calibration ID: 98235

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Ethylbenzene	0.6707 0.6095	0.6266	0.6082	0.6281	0.6234	Ave		0.6278			0.1000	3.6		20.0			
m-Xylene & p-Xylene	0.7231 0.7614	0.7469	0.7654	0.7727	0.7650	Ave		0.7557			0.1000	2.4		20.0			
o-Xylene	0.7845 0.7672	0.7728	0.8010	0.8021	0.7877	Ave		0.7859			0.3000	1.8		20.0			
Styrene	1.1326 1.2048	1.1107	1.2099	1.2130	1.2072	Ave		1.1797			0.3000	3.9		20.0			
n-Butyl acrylate	0.2762 0.2418	0.2596	0.2654	0.2662	0.2626	Ave		0.2620				4.3		20.0			
Bromoform	0.2375 0.2281	0.2091	0.2119	0.2204	0.2386	Ave		0.2243			0.1000	5.6		20.0			
Amyl acetate (mixed isomers)	0.9807 0.7742	0.7854	0.8898	0.9100	0.9429	Ave		0.8805				9.5		20.0			
Isopropylbenzene	1.7636 1.8828	1.7748	1.9427	1.9679	1.9740	Ave		1.8843			0.1000	5.0		20.0			
Bromobenzene	1.1000 0.8680	0.8062	0.9199	0.9179	0.9838	Ave		0.9326				10.8		20.0			
1,1,2,2-Tetrachloroethane	0.9473 0.8432	0.8537	0.8688	0.9246	0.9619	Ave		0.8999			0.3000	5.7		20.0			
1,2,3-Trichloropropane	0.3357 0.2198	0.2417	0.2509	0.2491	0.2616	Ave		0.2598				15.3		20.0			
trans-1,4-Dichloro-2-butene	0.2282 0.1731	0.1880	0.1867	0.1809	0.2000	Ave		0.1928				10.1		20.0			
N-Propylbenzene	4.1922 4.7500	4.0396	4.7039	4.8798	5.0135	Ave		4.5965				8.5		20.0			
2-Chlorotoluene	2.6835 2.7716	2.4609	2.7575	2.8683	2.9296	Ave		2.7452				6.0		20.0			
4-Ethyltoluene	4.0126 3.8819	3.4686	3.8021	4.0364	4.1950	Ave		3.8994				6.4		20.0			
4-Chlorotoluene	2.9166 2.7950	2.6765	2.9787	3.1087	2.9536	Ave		2.9049				5.2		20.0			
1,3,5-Trimethylbenzene	3.0575 3.5957	3.1330	3.4615	3.7071	3.7541	Ave		3.4515				8.5		20.0			
Butyl Methacrylate	0.8771 1.0490	0.9783	1.0226	1.1024	1.1582	Ave		1.0313				9.5		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-309671-1 Analy Batch No.: 987459

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 07/27/2024 00:31 Calibration End Date: 07/27/2024 02:33 Calibration ID: 98235

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
tert-Butylbenzene	2.6733 3.1163	2.4083	2.8744	3.0258	3.2034	Ave		2.8836				10.4		20.0			
1,2,4-Trimethylbenzene	3.5001 3.6565	3.3046	3.5113	3.6668	3.8183	Ave		3.5763				5.0		20.0			
sec-Butylbenzene	3.8349 4.6287	3.8465	4.5512	4.9817	5.1741	Ave		4.5028				12.5		20.0			
1,3-Dichlorobenzene	1.7391 1.7672	1.5806	1.7844	1.8342	1.8268	Ave		1.7554			0.6000	5.3		20.0			
1,4-Dichlorobenzene	1.5544 1.6966	1.6767	1.7590	1.7654	1.7975	Ave		1.7083			0.5000	5.1		20.0			
4-Isopropyltoluene	3.6791 4.0664	3.5776	3.8759	4.1224	4.4097	Ave		3.9552				7.8		20.0			
1,2,3-Trimethylbenzene	3.5756 4.0248	3.6111	3.8266	3.9995	4.2079	Ave		3.8742				6.4		20.0			
Benzyl chloride	1.2576 1.7629	1.3426	1.5976	1.7211	1.8964	Ave		1.5964				15.7		20.0			
Indan	3.4700 3.4175	3.1090	3.4682	3.5837	3.6716	Ave		3.4533				5.6		20.0			
1,2-Dichlorobenzene	2.0152 1.7124	1.6777	1.7725	1.8016	1.8292	Ave		1.8015			0.4000	6.6		20.0			
p-Diethylbenzene	2.1323 2.4019	2.1361	2.3959	2.4649	2.4923	Ave		2.3372				6.9		20.0			
n-Butylbenzene	2.0562 2.1324	1.8479	2.0991	2.0783	2.1608	Ave		2.0625				5.4		20.0			
1,2,4,5-Tetramethylbenzene	3.8959 3.2794	3.5677	3.8162	4.1807	4.4012	Ave		3.8569				10.5		20.0			
1,2-Dibromo-3-Chloropropane	0.2142 0.1964	0.2286	0.1868	0.2114	0.2214	Ave		0.2098			0.0500	7.4		20.0			
1,3,5-Trichlorobenzene	1.4898 1.4178	1.3978	1.5262	1.6090	1.6163	Ave		1.5095				6.1		20.0			
1,2,4-Trichlorobenzene	1.7523 1.3885	1.2986	1.3135	1.3890	1.4386	Ave		1.4301			0.2000	11.6		20.0			
Hexachlorobutadiene	0.5935 0.6683	0.5868	0.6143	0.6835	0.7190	Ave		0.6442				8.4		20.0			
Naphthalene	4.7103 2.8035	3.5818	3.4181	3.6705	3.8158	Ave		3.6667				16.9		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-309671-1 Analy Batch No.: 987459

SDG No.:

Instrument ID: CVOAMS9 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 07/27/2024 00:31 Calibration End Date: 07/27/2024 02:33 Calibration ID: 98235

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2,3-Trichlorobenzene	1.6848 1.3318	1.3609	1.3907	1.4643	1.4827	Ave		1.4525				8.8		20.0			
Dibromofluoromethane (Surr)	0.2351 0.2380	0.2455	0.2433	0.2398	0.2463	Ave		0.2414				1.8		20.0			
1,2-Dichloroethane-d4 (Surr)	0.2297 0.2357	0.2311	0.2383	0.2276	0.2388	Ave		0.2335				2.0		20.0			
Toluene-d8 (Surr)	1.3627 1.2301	1.4364	1.3828	1.3216	1.3921	Ave		1.3543				5.3		20.0			
4-Bromofluorobenzene	0.3573 0.3582	0.3796	0.3773	0.3711	0.3887	Ave		0.3720				3.3		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-309671-1 | Analy Batch No.: 987459

SDG No.:

Instrument ID: CVOAMS9 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) Y

Calibration Start Date: 07/27/2024 00:31 | Calibration End Date: 07/27/2024 02:33 | Calibration ID: 98235

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-987459/3	K62752.D
Level 2	STD5 460-987459/4	K62753.D
Level 3	STD20 460-987459/5	K62754.D
Level 4	STD50 460-987459/6	K62755.D
Level 5	STD200 460-987459/7	K62756.D
Level 6	STD500 460-987459/8	K62757.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Chlorotrifluoroethene	FB	QuaF	226 854731	4401	22531	58893	327465	1.00 500	5.00	20.0	50.0	200
Dichlorodifluoromethane	FB	QuaF	4961 4567444	20976	100325	270999	1834168	1.00 500	5.00	20.0	50.0	200
Chlorodifluoromethane	FB	Ave	810 443889	5006	15230	35338	171713	1.00 500	5.00	20.0	50.0	200
Chloromethane	FB	QuaF	5856 3998469	24295	110535	301317	1656153	1.00 500	5.00	20.0	50.0	200
Butadiene	FB	Ave	4696 2794679	18994	85333	228361	1167571	1.00 500	5.00	20.0	50.0	200
Vinyl chloride	FB	Ave	4430 2928230	22289	90873	239332	1207508	1.00 500	5.00	20.0	50.0	200
Bromomethane	FB	Ave	4478 2334812	20379	80161	214865	1006481	1.00 500	5.00	20.0	50.0	200
Chloroethane	FB	Ave	2764 1544304	13557	54635	143530	668944	1.00 500	5.00	20.0	50.0	200
Pentane	TBAd9	Ave	1494 852785	6689	32080	74886	296006	2.00 1000	10.0	40.0	100	400
Dichlorofluoromethane	FB	Ave	7885 4767221	42072	163689	451335	2012456	1.00 500	5.00	20.0	50.0	200
Trichlorofluoromethane	FB	Ave	5903 3431360	23271	85749	256195	1236690	1.00 500	5.00	20.0	50.0	200
Ethyl ether	FB	Ave	3453 1281166	16328	53275	137429	513021	1.00 500	5.00	20.0	50.0	200
2-Methyl-1,3-butadiene	FB	Lin2	6372 1670884	19388	69317	182775	669024	1.00 500	5.00	20.0	50.0	200
Ethanol	TBAd9	QuaF	787 224089	4215	12010	26272	90849	40.0 20000	200	800	2000	8000
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	3925 2033178	17003	73625	188414	803708	1.00 500	5.00	20.0	50.0	200
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	5734 3251407	27547	116189	327941	1294524	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-309671-1 | Analy Batch No.: 987459

SDG No.:

Instrument ID: CVOAMS9 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) Y

Calibration Start Date: 07/27/2024 00:31 | Calibration End Date: 07/27/2024 02:33 | Calibration ID: 98235

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Acrolein	TBAd9	Ave	48211 297346	112322	159844	219576	285592	100 600	200	300	400	500
1,1-Dichloroethene	FB	Ave	4230 2209320	19925	83394	220790	830641	1.00 500	5.00	20.0	50.0	200
Acetone	BUT	Lin2	5707 +++++	18721	73989	201721	842912	5.00 +++++	25.0	100	250	1000
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	3803 2520121	18764	93554	247876	957614	1.00 500	5.00	20.0	50.0	200
Iodomethane	FB	Ave	8551 4071784	36139	155293	396707	1499496	1.00 500	5.00	20.0	50.0	200
Isopropyl alcohol	TBAd9	Lin2	3302 1085271	14692	48252	137795	437045	10.0 5000	50.0	200	500	2000
Carbon disulfide	FB	Ave	18118 9888656	83148	371108	966631	3658416	1.00 500	5.00	20.0	50.0	200
Acetonitrile	TBAd9	Ave	1865 701496	8963	39671	78876	339048	10.0 5000	50.0	200	500	2000
3-Chloro-1-propene	FB	Ave	4132 1585223	18165	68076	186686	683189	1.00 500	5.00	20.0	50.0	200
Methyl acetate	TBAd9	Lin2	4861 1661805	23567	72189	188390	716527	2.00 1000	10.0	40.0	100	400
Cyclopentene	FB	Ave	9030 4479114	41318	177258	464446	1712300	1.00 500	5.00	20.0	50.0	200
Methylene Chloride	FB	Ave	5738 2386165	24116	92830	246030	890032	1.00 500	5.00	20.0	50.0	200
2-Methyl-2-propanol	TBAd9	Ave	5600 2203773	26566	99556	249920	936266	10.0 5000	50.0	200	500	2000
Acrylonitrile	FB	Ave	13086 5490384	56813	231956	605725	2255435	10.0 5000	50.0	200	500	2000
Methyl tert-butyl ether	FB	Ave	11315 5825593	57834	233069	610295	2293915	1.00 500	5.00	20.0	50.0	200
trans-1,2-Dichloroethene	FB	Ave	4174 2276648	21973	92534	229771	846512	1.00 500	5.00	20.0	50.0	200
Hexane	FB	Ave	2574 1494485	13034	61848	160265	578083	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethane	FB	Ave	7161 3451557	33624	139237	356601	1306623	1.00 500	5.00	20.0	50.0	200
Vinyl acetate	TBAd9	Ave	1549 792055	7191	27798	73694	297611	2.00 1000	10.0	40.0	100	400
Isopropyl ether	FB	Ave	9121 4963092	48602	203702	520833	1952600	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-309671-1 | Analy Batch No.: 987459

SDG No.:

Instrument ID: CVOAMS9 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) Y

Calibration Start Date: 07/27/2024 00:31 | Calibration End Date: 07/27/2024 02:33 | Calibration ID: 98235

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
2-Chloro-1,3-butadiene	FB	Ave	4110 1925354	17825	80331	197207	765603	1.00 500	5.00	20.0	50.0	200
Tert-butyl ethyl ether	FB	Ave	5848 2746796	22547	101779	281671	1088452	1.00 500	5.00	20.0	50.0	200
cis-1,2-Dichloroethene	FB	Ave	5000 2466460	23561	100331	254081	937124	1.00 500	5.00	20.0	50.0	200
2-Butanone (MEK)	BUT	Ave	2307 1069876	12068	42221	108548	434648	5.00 2500	25.0	100	250	1000
2,2-Dichloropropane	FB	Ave	3067 1135896	10447	43132	112220	420344	1.00 500	5.00	20.0	50.0	200
Ethyl acetate	BUT	Qua2	1468 383088	5236	16604	41620	157600	2.00 1000	10.0	40.0	100	400
Propionitrile	TBAd9	Ave	4716 2236424	22415	96320	237954	959135	10.0 5000	50.0	200	500	2000
Methyl acrylate	FB	Ave	4727 1672700	17553	69636	177012	720635	1.00 500	5.00	20.0	50.0	200
Methacrylonitrile	FB	Ave	14640 7124675	72250	292874	746338	2971933	10.0 5000	50.0	200	500	2000
Chlorobromomethane	FB	Ave	2471 1096075	11732	46477	113329	422886	1.00 500	5.00	20.0	50.0	200
Tetrahydrofuran	BUT	Ave	1099 495321	6368	20692	52986	203977	2.00 1000	10.0	40.0	100	400
Chloroform	FB	Ave	8034 3663132	37181	151672	379481	1372903	1.00 500	5.00	20.0	50.0	200
1,1,1-Trichloroethane	FB	Ave	5931 3600605	31227	138952	360529	1348280	1.00 500	5.00	20.0	50.0	200
Cyclohexane	FB	Ave	6842 3916521	30758	152784	366693	1511763	1.00 500	5.00	20.0	50.0	200
1,1-Dichloropropene	FB	Ave	6155 2904901	25791	119620	295599	1157731	1.00 500	5.00	20.0	50.0	200
Carbon tetrachloride	FB	Ave	5076 3080405	23915	119481	288958	1165192	1.00 500	5.00	20.0	50.0	200
Isobutyl alcohol	TBAd9	Ave	595 236495	2282	9762	24737	93199	25.0 12500	125	500	1250	5000
Benzene	CBNZd5	Ave	17416 8925660	81841	359960	904034	3395956	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane	FB	Ave	5332 2350054	23790	100887	247241	927103	1.00 500	5.00	20.0	50.0	200
Isopropyl acetate	FB	Ave	1449 652884	6545	39757	101014	310162	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-309671-1 | Analy Batch No.: 987459

SDG No.:

Instrument ID: CVOAMS9 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) Y

Calibration Start Date: 07/27/2024 00:31 | Calibration End Date: 07/27/2024 02:33 | Calibration ID: 98235

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Isooctane	FB	QuaF	10953 8983027	55065	321418	833697	3453456	1.00 500	5.00	20.0	50.0	200
Tert-amyl methyl ether	FB	Ave	12435 6414945	56406	250185	647314	2540039	1.00 500	5.00	20.0	50.0	200
n-Heptane	FB	Ave	5586 2533114	21054	107924	270812	1011999	1.00 500	5.00	20.0	50.0	200
n-Butanol	TBAd9	Ave	3562 1388580	15118	59320	136222	594068	25.0 12500	125	500	1250	5000
Trichloroethene	FB	Ave	4852 2390761	19550	93676	234411	902664	1.00 500	5.00	20.0	50.0	200
Ethyl acrylate	FB	Ave	3423 1944489	17058	69315	196445	773061	1.00 500	5.00	20.0	50.0	200
Methylcyclohexane	FB	Ave	5789 4698323	33980	177108	442950	1683567	1.00 500	5.00	20.0	50.0	200
1,2-Dichloropropane	FB	Ave	3940 2027463	17882	78237	199800	740655	1.00 500	5.00	20.0	50.0	200
Dibromomethane	FB	Ave	2829 1330843	12628	51672	130532	504933	1.00 500	5.00	20.0	50.0	200
Methyl methacrylate	FB	Ave	4782 2444535	22293	90608	240648	976410	2.00 1000	10.0	40.0	100	400
1,4-Dioxane	DXE	Ave	1075 +++++	4925	18149	41426	161190	20.0 +++++	100	400	1000	4000
n-Propyl acetate	FB	Ave	4690 1839876	16316	74622	188509	772043	1.00 500	5.00	20.0	50.0	200
Dichlorobromomethane	FB	Ave	5436 2918749	23290	101368	276653	1087350	1.00 500	5.00	20.0	50.0	200
2-Nitropropane	FB	Ave	1920 702661	6700	28507	70847	296614	2.00 1000	10.0	40.0	100	400
2-Chloroethyl vinyl ether	FB	Ave	2262 1142028	11580	42992	108438	456866	1.00 501	5.01	20.0	50.1	200
Epichlorohydrin	BUT	Ave	7114 3677807	30254	135145	365483	1510840	20.0 10000	100	400	1000	4000
cis-1,3-Dichloropropene	CBNZd5	Ave	5976 3500466	28132	120345	332650	1296270	1.00 500	5.00	20.0	50.0	200
4-Methyl-2-pentanone (MIBK)	BUT	Ave	13047 6653625	69140	279538	708956	2796268	5.00 2500	25.0	100	250	1000
Toluene	CBNZd5	Ave	18833 9790852	80485	355421	921379	3623588	1.00 500	5.00	20.0	50.0	200
trans-1,3-Dichloropropene	CBNZd5	Ave	4562	22066	99023	268058	1098839	1.00	5.00	20.0	50.0	200

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-309671-1 | Analy Batch No.: 987459

SDG No.:

Instrument ID: CVOAMS9 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) Y

Calibration Start Date: 07/27/2024 00:31 | Calibration End Date: 07/27/2024 02:33 | Calibration ID: 98235

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
			2926132					500				
Ethyl methacrylate	CBNZd5	Ave	3798 2415089	19706	82188	226326	929850	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloroethane	CBNZd5	Ave	2818 1482598	13524	52294	137620	567390	1.00 500	5.00	20.0	50.0	200
Tetrachloroethene	CBNZd5	Ave	3826 2364733	18870	83385	220552	885403	1.00 500	5.00	20.0	50.0	200
1,3-Dichloropropane	CBNZd5	Ave	4711 2867840	23186	95881	269039	1073198	1.00 500	5.00	20.0	50.0	200
2-Hexanone	BUT	Ave	7897 4415922	39174	168521	438976	1799931	5.00 2500	25.0	100	250	1000
Chlorodibromomethane	CBNZd5	Ave	3271 2146930	15183	68058	188645	798722	1.00 500	5.00	20.0	50.0	200
n-Butyl acetate	CBNZd5	Ave	3969 1981888	21271	72925	200475	813079	1.00 500	5.00	20.0	50.0	200
Ethylene Dibromide	CBNZd5	Ave	2694 1871211	16220	64657	169259	700580	1.00 500	5.00	20.0	50.0	200
Chlorobenzene	CBNZd5	Ave	9856 6398995	49720	215221	581291	2263181	1.00 500	5.00	20.0	50.0	200
1,1,1,2-Tetrachloroethane	CBNZd5	Ave	4379 2449256	19538	79959	225851	890140	1.00 500	5.00	20.0	50.0	200
Ethylbenzene	CBNZd5	Ave	6046 3512993	28309	117780	321855	1263995	1.00 500	5.00	20.0	50.0	200
m-Xylene & p-Xylene	CBNZd5	Ave	6518 4388323	33741	148215	395979	1550948	1.00 500	5.00	20.0	50.0	200
o-Xylene	CBNZd5	Ave	7072 4421587	34912	155115	411024	1597038	1.00 500	5.00	20.0	50.0	200
Styrene	CBNZd5	Ave	10210 6943967	50177	234291	621580	2447546	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-309671-1 | Analy Batch No.: 987459

SDG No.:

Instrument ID: CVOAMS9 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) Y

Calibration Start Date: 07/27/2024 00:31 | Calibration End Date: 07/27/2024 02:33 | Calibration ID: 98235

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
n-Butyl acrylate	CBNZd5	Ave	2490 1393502	11728	51396	136393	532511	1.00 500	5.00	20.0	50.0	200
Bromoform	CBNZd5	Ave	2141 1314688	9445	41036	112943	483737	1.00 500	5.00	20.0	50.0	200
Amyl acetate (mixed isomers)	DCBd4	Ave	4405 2248202	19055	88791	228555	908097	1.00 500	5.00	20.0	50.0	200
Isopropylbenzene	CBNZd5	Ave	15898 10851763	80181	376188	1008439	4002277	1.00 500	5.00	20.0	50.0	200
Bromobenzene	DCBd4	Ave	4941 2520620	19560	91785	230531	947502	1.00 500	5.00	20.0	50.0	200
1,1,2,2-Tetrachloroethane	DCBd4	Ave	4255 2448576	20714	86688	232211	926401	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichloropropane	DCBd4	Ave	1508 638247	5865	25032	62563	251899	1.00 500	5.00	20.0	50.0	200
trans-1,4-Dichloro-2-butene	DCBd4	Ave	1025 502684	4561	18628	45436	192613	1.00 500	5.00	20.0	50.0	200
N-Propylbenzene	DCBd4	Ave	18831 13793741	98012	469362	1225559	4828382	1.00 500	5.00	20.0	50.0	200
2-Chlorotoluene	DCBd4	Ave	12054 8048615	59710	275147	720372	2821433	1.00 500	5.00	20.0	50.0	200
4-Ethyltoluene	DCBd4	Ave	18024 11272790	84158	379383	1013728	4040154	1.00 500	5.00	20.0	50.0	200
4-Chlorotoluene	DCBd4	Ave	13101 8116465	64941	297221	780747	2844554	1.00 500	5.00	20.0	50.0	200
1,3,5-Trimethylbenzene	DCBd4	Ave	13734 10441524	76015	345401	931037	3615521	1.00 500	5.00	20.0	50.0	200
Butyl Methacrylate	DCBd4	Ave	3940 3046317	23736	102034	276871	1115424	1.00 500	5.00	20.0	50.0	200
tert-Butylbenzene	DCBd4	Ave	12008 9049435	58432	286817	759939	3085138	1.00 500	5.00	20.0	50.0	200
1,2,4-Trimethylbenzene	DCBd4	Ave	15722 10618266	80180	350369	920916	3677371	1.00 500	5.00	20.0	50.0	200
sec-Butylbenzene	DCBd4	Ave	17226 13441323	93327	454129	1251145	4983136	1.00 500	5.00	20.0	50.0	200
1,3-Dichlorobenzene	DCBd4	Ave	7812 5131744	38351	178048	460665	1759321	1.00 500	5.00	20.0	50.0	200
1,4-Dichlorobenzene	DCBd4	Ave	6982 4926764	40682	175518	443370	1731164	1.00 500	5.00	20.0	50.0	200
4-Isopropyltoluene	DCBd4	Ave	16526	86804	386749	1035327	4246892	1.00	5.00	20.0	50.0	200

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-309671-1 | Analy Batch No.: 987459

SDG No.:

Instrument ID: CVOAMS9 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) Y

Calibration Start Date: 07/27/2024 00:31 | Calibration End Date: 07/27/2024 02:33 | Calibration ID: 98235

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
			11808604					500				
1,2,3-Trimethylbenzene	DCBd4	Ave	16061 11687638	87616	381832	1004467	4052535	1.00 500	5.00	20.0	50.0	200
Benzyl chloride	DCBd4	Ave	5649 5119208	32576	159412	432240	1826380	1.00 500	5.00	20.0	50.0	200
Indan	DCBd4	Ave	15587 9924057	75434	346062	900054	3536046	1.00 500	5.00	20.0	50.0	200
1,2-Dichlorobenzene	DCBd4	Ave	9052 4972672	40707	176867	452477	1761714	1.00 500	5.00	20.0	50.0	200
p-Diethylbenzene	DCBd4	Ave	9578 6974792	51829	239072	619055	2400316	1.00 500	5.00	20.0	50.0	200
n-Butylbenzene	DCBd4	Ave	9236 6192434	44836	209457	521962	2080989	1.00 500	5.00	20.0	50.0	200
1,2,4,5-Tetramethylbenzene	DCBd4	Ave	17500 9523009	86564	380791	1049975	4238716	1.00 500	5.00	20.0	50.0	200
1,2-Dibromo-3-Chloropropane	DCBd4	Ave	962 570416	5547	18635	53103	213247	1.00 500	5.00	20.0	50.0	200
1,3,5-Trichlorobenzene	DCBd4	Ave	6692 4117155	33916	152290	404103	1556652	1.00 500	5.00	20.0	50.0	200
1,2,4-Trichlorobenzene	DCBd4	Ave	7871 4032026	31507	131061	348840	1385531	1.00 500	5.00	20.0	50.0	200
Hexachlorobutadiene	DCBd4	Ave	2666 1940657	14237	61294	171667	692479	1.00 500	5.00	20.0	50.0	200
Naphthalene	DCBd4	Ave	21158 8141136	86905	341070	921844	3674957	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichlorobenzene	DCBd4	Ave	7568 3867298	33019	138771	367755	1427954	1.00 500	5.00	20.0	50.0	200
Dibromofluoromethane (Surr)	FB	Ave	161289 170656	174574	181083	175215	171251	50.0 50.0	50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	157574 168940	164337	177343	166287	165991	50.0 50.0	50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZd5	Ave	614214 708971	648909	669422	677256	705632	50.0 50.0	50.0	50.0	50.0	50.0
4-Bromofluorobenzene	CBNZd5	Ave	161040 206453	171470	182643	190151	197042	50.0 50.0	50.0	50.0	50.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-309671-1 | Analy Batch No.: 987459

SDG No.:

Instrument ID: CVOAMS9 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) Y

Calibration Start Date: 07/27/2024 00:31 | Calibration End Date: 07/27/2024 02:33 | Calibration ID: 98235

Curve Type Legend:

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD
Qua2 = Quadratic 1/conc^2 ISTD
QuaF = Quadratic ISTD forced zero

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240726-178899.b\K62752.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 27-Jul-2024 00:31:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0178899-003
Operator ID: Instrument ID: CVOAMS9
Sublist: chrom-8260S9*sub55

Method: \\chromfs\Edison\ChromData\CVOAMS9\20240726-178899.b\8260S9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 28-Jul-2024 12:33:18 Calib Date: 27-Jul-2024 02:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20240726-178899.b\K62757.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1627

First Level Reviewer: HVW2 Date: 27-Jul-2024 01:02:23

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	1.096	1.096	0.000	48	226	1.00	0.1487	a
5 Dichlorodifluoromethane	85	1.084	1.107	-0.023	52	4961	1.00	0.5783	
4 Chlorodifluoromethane	67	1.153	1.119	0.034	93	810	1.00	1.00	M
6 Chloromethane	50	1.222	1.222	0.000	96	5856	1.00	0.7272	M
8 Butadiene	54	1.222	1.244	-0.022	27	4696	1.00	1.02	
7 Vinyl chloride	62	1.267	1.279	-0.012	70	4430	1.00	0.9174	
9 Bromomethane	94	1.450	1.439	0.011	84	4478	1.00	1.05	
10 Chloroethane	64	1.450	1.450	0.000	63	2764	1.00	0.9843	M
12 Pentane	72	1.553	1.576	-0.023	46	1494	2.00	2.23	M
11 Dichlorofluoromethane	67	1.576	1.576	0.000	38	7885	1.00	0.9263	a
13 Trichlorofluoromethane	101	1.610	1.610	0.000	41	5903	1.00	1.11	M
14 Ethyl ether	59	1.667	1.667	0.000	78	3453	1.00	1.25	M
15 2-Methyl-1,3-butadiene	53	1.690	1.690	0.000	34	6372	1.00	1.01	Ma
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.702	1.702	0.000	60	3925	1.00	1.07	
17 Ethanol	46	1.690	1.713	-0.023	48	787	40.0	85.2	M
19 1,1,1-Trifluoro-2,2-dichloroetha	83	1.713	1.725	-0.012	43	5734	1.00	0.9782	
18 Acrolein	56	1.747	1.747	0.000	94	48211	100.0	103.7	
20 1,1-Dichloroethene	96	1.793	1.805	-0.012	85	4230	1.00	1.04	
21 Acetone	43	1.827	1.827	0.000	47	5707	5.00	5.13	M
22 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.827	1.839	-0.012	63	3803	1.00	0.8798	
23 Iodomethane	142	1.885	1.907	-0.022	85	8551	1.00	1.13	
24 Isopropyl alcohol	45	1.896	1.907	-0.011	1	3302	10.0	9.84	Ma
25 Carbon disulfide	76	1.942	1.942	0.000	19	18118	1.00	1.02	Ma
27 Methyl acetate	43	1.999	1.999	0.000	33	4861	2.00	1.95	
28 Acetonitrile	40	1.987	1.999	-0.012	39	1865	10.0	12.3	
26 3-Chloro-1-propene	39	1.999	1.999	0.000	28	4132	1.00	1.20	M
29 Cyclopentene	67	2.045	2.056	-0.011	87	9030	1.00	1.06	
30 Methylene Chloride	84	2.056	2.067	-0.011	75	5738	1.00	1.22	
* 31 TBA-d9 (IS)	46	2.090	2.102	-0.012	95	78515	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.113	2.136	-0.023	33	5600	10.0	12.7	M

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Acrylonitrile	53	2.193	2.193	0.000	94	13086	10.0	11.6	
35 Methyl tert-butyl ether	73	2.216	2.227	-0.011	89	11315	1.00	1.01	M
34 trans-1,2-Dichloroethene	96	2.216	2.227	-0.011	83	4174	1.00	0.9812	
36 Hexane	43	2.387	2.387	0.000	73	2574	1.00	0.9270	
37 1,1-Dichloroethane	63	2.479	2.479	0.000	96	7161	1.00	1.08	
38 Vinyl acetate	86	2.490	2.502	-0.012	99	1549	2.00	2.37	
39 Isopropyl ether	45	2.513	2.513	0.000	70	9121	1.00	0.9636	
40 2-Chloro-1,3-butadiene	88	2.525	2.547	-0.022	61	4110	1.00	1.10	
41 Tert-butyl ethyl ether	87	2.742	2.753	-0.011	29	5848	1.00	1.14	a
* 42 2-Butanone-d5	46	2.822	2.833	-0.011	99	234172	250.0	250.0	
45 2-Butanone (MEK)	72	2.867	2.868	-0.001	51	2307	5.00	5.78	
43 cis-1,2-Dichloroethene	96	2.856	2.868	-0.012	95	5000	1.00	1.06	
44 2,2-Dichloropropane	79	2.879	2.890	-0.011	63	3067	1.00	1.37	
47 Ethyl acetate	70	2.913	2.913	0.000	93	1468	2.00	1.97	
46 Propionitrile	54	2.902	2.913	-0.011	30	4716	10.0	11.5	
48 Methyl acrylate	55	2.925	2.936	-0.011	41	4727	1.00	1.33	
50 Methacrylonitrile	67	3.016	3.028	-0.012	83	14640	10.0	10.4	
49 Chlorobromomethane	128	3.039	3.039	0.000	60	2471	1.00	1.12	
51 Tetrahydrofuran	72	3.085	3.085	0.000	33	1099	2.00	2.27	M
52 Chloroform	83	3.096	3.096	0.000	98	8034	1.00	1.12	
$ 53 Dibromofluoromethane (Surr)	113	3.210	3.210	0.000	96	161289	50.0	48.7	
54 1,1,1-Trichloroethane	97	3.256	3.256	0.000	95	5931	1.00	0.9202	
55 Cyclohexane	84	3.290	3.302	-0.012	34	6842	1.00	0.9855	
56 1,1-Dichloropropene	75	3.370	3.370	0.000	92	6155	1.00	1.10	
57 Carbon tetrachloride	117	3.382	3.382	0.000	59	5076	1.00	0.9439	
59 Isobutyl alcohol	74	3.450	3.462	-0.012	38	595	25.0	34.0	M
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.485	3.485	0.000	0	157574	50.0	49.2	
60 Benzene	78	3.530	3.542	-0.012	92	17416	1.00	1.09	
61 1,2-Dichloroethane	62	3.542	3.542	0.000	55	5332	1.00	1.13	
63 Isopropyl acetate	61	3.588	3.599	-0.011	49	1449	1.00	0.9429	a
62 Isooctane	57	3.599	3.610	-0.011	85	10953	1.00	0.6559	
64 Tert-amyl methyl ether	73	3.622	3.633	-0.011	91	12435	1.00	1.04	
66 n-Heptane	43	3.770	3.770	0.000	36	5586	1.00	1.13	Ma
* 65 Fluorobenzene	96	3.770	3.770	0.000	100	685949	50.0	50.0	
67 n-Butanol	56	4.056	4.045	0.011	47	3562	25.0	33.6	
68 Trichloroethene	95	4.102	4.102	0.000	95	4852	1.00	1.10	
69 Ethyl acrylate	55	4.205	4.205	0.000	87	3423	1.00	0.9719	
70 Methylcyclohexane	83	4.285	4.296	-0.011	87	5789	1.00	0.7531	
71 1,2-Dichloropropane	63	4.308	4.319	-0.011	67	3940	1.00	1.06	
* 72 1,4-Dioxane-d8	96	4.399	4.411	-0.012	93	26802	1000.0	1000.0	
73 Dibromomethane	93	4.422	4.422	0.000	90	2829	1.00	1.12	
75 Methyl methacrylate	69	4.445	4.433	0.012	65	4782	2.00	2.10	
74 1,4-Dioxane	88	4.456	4.456	0.000	27	1075	20.0	25.1	M
76 n-Propyl acetate	43	4.502	4.513	-0.011	77	4690	1.00	1.27	
77 Dichlorobromomethane	83	4.582	4.593	-0.011	86	5436	1.00	1.06	
78 2-Nitropropane	41	4.822	4.833	-0.011	60	1920	2.00	2.66	
79 2-Chloroethyl vinyl ether	63	4.913	4.925	-0.012	34	2262	1.00	1.05	
80 Epichlorohydrin	57	4.982	4.971	0.011	75	7114	20.0	22.6	
81 cis-1,3-Dichloropropene	75	5.062	5.073	-0.011	87	5976	1.00	1.05	
82 4-Methyl-2-pentanone (MIBK)	43	5.268	5.268	0.000	89	13047	5.00	5.30	
$ 83 Toluene-d8 (Surr)	98	5.371	5.371	0.000	99	614214	50.0	50.3	
84 Toluene	91	5.451	5.451	0.000	92	18833	1.00	1.14	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	5.713	5.725	-0.012	95	4562	1.00	0.9863	
86 Ethyl methacrylate	69	5.885	5.874	0.011	71	3798	1.00	0.9718	
87 1,1,2-Trichloroethane	83	5.931	5.942	-0.011	76	2818	1.00	1.11	
88 Tetrachloroethene	166	6.114	6.114	0.000	88	3826	1.00	1.00	
89 1,3-Dichloropropane	76	6.148	6.148	0.000	88	4711	1.00	1.02	
90 2-Hexanone	43	6.296	6.296	0.000	94	7897	5.00	5.21	
91 Chlorodibromomethane	129	6.434	6.422	0.012	92	3271	1.00	1.00	
92 n-Butyl acetate	43	6.502	6.502	0.000	88	3969	1.00	1.09	
93 Ethylene Dibromide	107	6.559	6.559	0.000	93	2694	1.00	0.9000	
S 139 1,3-Dichloropropene, Total	1				0		2.00	1.05	
* 94 Chlorobenzene-d5	117	7.211	7.211	0.000	83	450722	50.0	50.0	
95 Chlorobenzene	112	7.245	7.245	0.000	97	9856	1.00	0.9841	
96 1,1,1,2-Tetrachloroethane	131	7.382	7.382	0.000	86	4379	1.00	1.11	
97 Ethylbenzene	106	7.439	7.439	0.000	98	6046	1.00	1.07	
98 m-Xylene & p-Xylene	106	7.611	7.611	0.000	0	6518	1.00	0.9568	
99 o-Xylene	106	8.182	8.194	-0.012	87	7072	1.00	1.00	
100 Styrene	104	8.217	8.217	0.000	91	10210	1.00	0.9601	
101 n-Butyl acrylate	73	8.239	8.239	0.000	97	2490	1.00	1.05	M
102 Bromoform	173	8.445	8.445	0.000	64	2141	1.00	1.06	
103 Amyl acetate (mixed isomers)	43	8.628	8.617	0.011	92	4405	1.00	1.11	
104 Isopropylbenzene	105	8.777	8.777	0.000	93	15898	1.00	0.9359	
$ 105 4-Bromofluorobenzene	174	8.982	8.982	0.000	93	161040	50.0	48.0	
106 Bromobenzene	156	9.177	9.177	0.000	94	4941	1.00	1.18	
107 1,1,2,2-Tetrachloroethane	83	9.257	9.268	-0.011	92	4255	1.00	1.05	
108 1,2,3-Trichloropropane	110	9.302	9.291	0.011	93	1508	1.00	1.29	
109 trans-1,4-Dichloro-2-butene	53	9.360	9.360	0.000	16	1025	1.00	1.18	
110 N-Propylbenzene	91	9.428	9.428	0.000	99	18831	1.00	0.9120	
111 2-Chlorotoluene	91	9.508	9.520	-0.012	95	12054	1.00	0.9775	
112 4-Ethyltoluene	105	9.622	9.622	0.000	99	18024	1.00	1.03	
113 4-Chlorotoluene	91	9.691	9.702	-0.011	95	13101	1.00	1.00	
114 1,3,5-Trimethylbenzene	105	9.737	9.737	0.000	93	13734	1.00	0.8859	
115 Butyl Methacrylate	87	10.000	10.000	0.000	89	3940	1.00	0.8505	
116 tert-Butylbenzene	119	10.240	10.228	0.012	93	12008	1.00	0.9271	
117 1,2,4-Trimethylbenzene	105	10.308	10.297	0.011	97	15722	1.00	0.9787	
118 sec-Butylbenzene	105	10.514	10.514	0.000	98	17226	1.00	0.8517	
119 1,3-Dichlorobenzene	146	10.594	10.594	0.000	95	7812	1.00	0.99	
* 121 1,4-Dichlorobenzene-d4	152	10.674	10.674	0.000	94	224594	50.0	50.0	
120 4-Isopropyltoluene	119	10.697	10.697	0.000	97	16526	1.00	0.9302	
122 1,4-Dichlorobenzene	146	10.697	10.697	0.000	63	6982	1.00	0.9099	
166 1,2,3-Trimethylbenzene	105	10.777	10.777	0.000	97	16061	1.00	0.9229	
124 Benzyl chloride	91	10.845	10.845	0.000	91	5649	1.00	0.7878	
125 2,3-Dihydroindene	117	10.948	10.948	0.000	94	15587	1.00	1.00	
127 1,2-Dichlorobenzene	146	11.051	11.051	0.000	97	9052	1.00	1.12	
126 p-Diethylbenzene	119	11.074	11.074	0.000	93	9578	1.00	0.9123	
128 n-Butylbenzene	92	11.097	11.097	0.000	98	9236	1.00	1.00	
129 1,2,4,5-Tetramethylbenzene	119	11.680	11.680	0.000	95	17500	1.00	1.01	
130 1,2-Dibromo-3-Chloropropane	157	11.680	11.680	0.000	23	962	1.00	1.02	
131 1,3,5-Trichlorobenzene	180	11.828	11.828	0.000	93	6692	1.00	0.9869	
132 1,2,4-Trichlorobenzene	180	12.206	12.206	0.000	93	7871	1.00	1.23	
133 Hexachlorobutadiene	225	12.320	12.320	0.000	88	2666	1.00	0.9213	
134 Naphthalene	128	12.343	12.343	0.000	99	21158	1.00	1.28	
135 1,2,3-Trichlorobenzene	180	12.491	12.491	0.000	95	7568	1.00	1.16	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		2.00	2.04	
S 137 Xylenes, Total	100				0		2.00	1.96	
S 138 Total BTEX	1				0		5.00	5.26	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

524FREONS_00021	Amount Added:	1.00	Units: uL	
ACROLEIN W_00172	Amount Added:	10.00	Units: uL	
GASES Li_00594	Amount Added:	1.00	Units: uL	
8260MIX1COMB_00190	Amount Added:	1.00	Units: uL	
8260ISNEW_00175	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00248	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 28-Jul-2024 12:33:18 Chrom Revision: 2.3 16-Jul-2024 14:17:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240726-178899.b\K62752.D

Injection Date: 27-Jul-2024 00:31:30 Instrument ID: CVOAMS9 Operator ID:

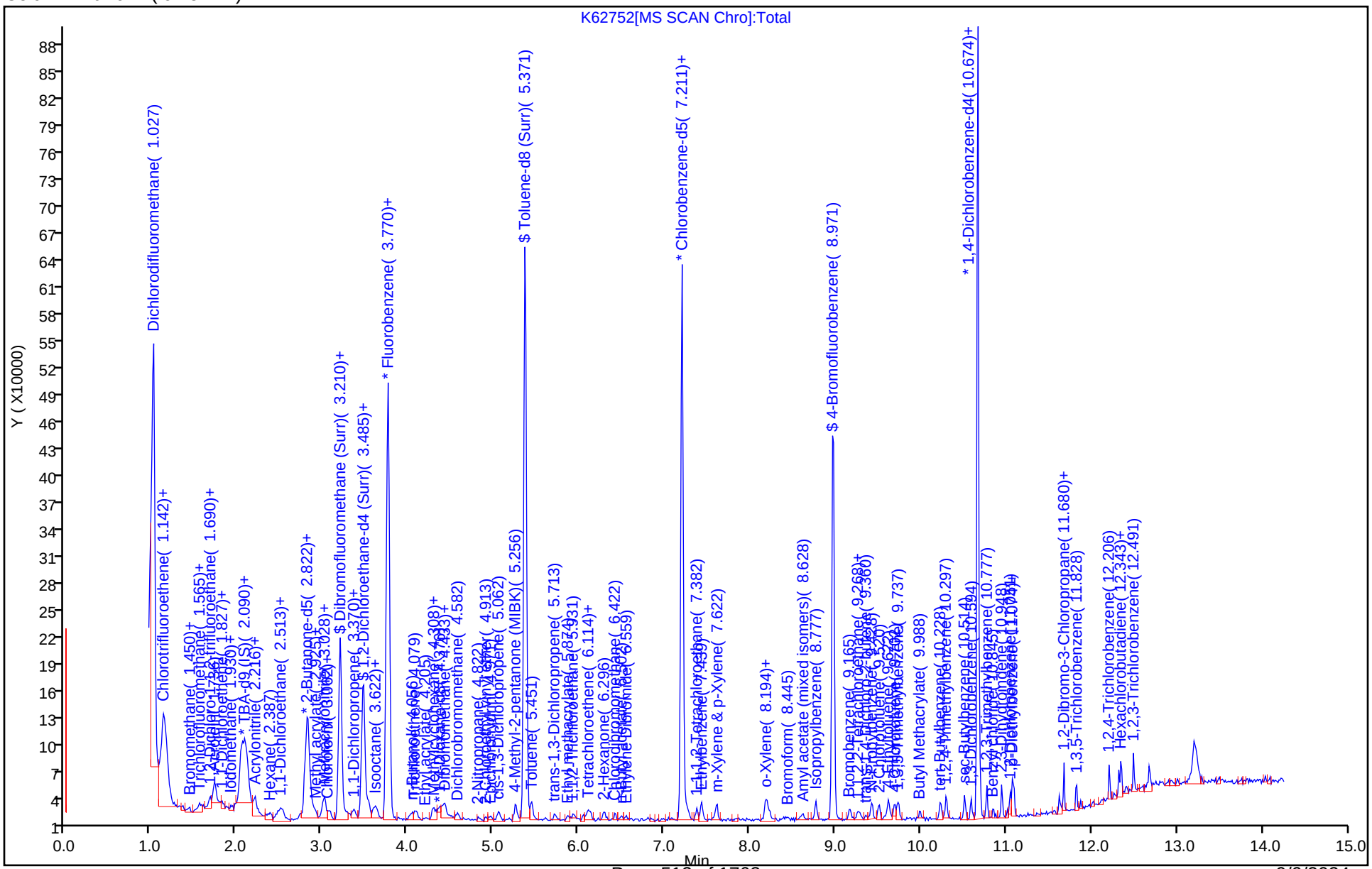
Lims ID: STD1 Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8260S9 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



9/9/2024
1:05:41 PM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240726-178899.b\K62753.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 27-Jul-2024 00:55:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0178899-004
Operator ID: Instrument ID: CVOAMS9
Sublist: chrom-8260S9*sub55

Method: \\chromfs\Edison\ChromData\CVOAMS9\20240726-178899.b\8260S9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 28-Jul-2024 12:33:29 Calib Date: 27-Jul-2024 02:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20240726-178899.b\K62757.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1627

First Level Reviewer: HVW2 Date: 27-Jul-2024 01:33:30

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	1.084	1.096	-0.012	49	4401	5.00	2.79	
5 Dichlorodifluoromethane	85	1.107	1.107	0.000	52	20976	5.00	2.36	
4 Chlorodifluoromethane	67	1.130	1.119	0.011	95	5006	5.00	5.99	a
6 Chloromethane	50	1.222	1.222	0.000	45	24295	5.00	2.91	M
8 Butadiene	54	1.244	1.244	0.000	52	18994	5.00	3.97	
7 Vinyl chloride	62	1.279	1.279	0.000	84	22289	5.00	4.45	
9 Bromomethane	94	1.439	1.439	0.000	97	20379	5.00	4.61	
10 Chloroethane	64	1.439	1.450	-0.011	78	13557	5.00	4.66	M
12 Pentane	72	1.576	1.576	0.000	95	6689	10.0	8.28	
11 Dichlorofluoromethane	67	1.576	1.576	0.000	84	42072	5.00	4.77	
13 Trichlorofluoromethane	101	1.610	1.610	0.000	53	23271	5.00	4.23	
14 Ethyl ether	59	1.679	1.667	0.012	95	16328	5.00	5.69	
15 2-Methyl-1,3-butadiene	53	1.690	1.690	0.000	42	19388	5.00	4.86	M
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.702	1.702	0.000	64	17003	5.00	4.47	
17 Ethanol	46	1.725	1.713	0.012	60	4215	200.0	376.9	M
19 1,1,1-Trifluoro-2,2-dichloroetha	83	1.736	1.725	0.011	57	27547	5.00	4.53	
18 Acrolein	56	1.747	1.747	0.000	95	112322	200.0	200.0	
20 1,1-Dichloroethene	96	1.816	1.805	0.011	96	19925	5.00	4.73	
21 Acetone	43	1.827	1.827	0.000	89	18721	25.0	22.0	
22 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.839	1.839	0.000	89	18764	5.00	4.19	
23 Iodomethane	142	1.896	1.907	-0.011	96	36139	5.00	4.62	
24 Isopropyl alcohol	45	1.930	1.907	0.023	18	14692	50.0	53.3	a
25 Carbon disulfide	76	1.942	1.942	0.000	19	83148	5.00	4.52	M
27 Methyl acetate	43	1.999	1.999	0.000	69	23567	10.0	11.4	
28 Acetonitrile	40	1.999	1.999	0.000	77	8963	50.0	49.0	
26 3-Chloro-1-propene	39	1.999	1.999	0.000	85	18165	5.00	5.08	
29 Cyclopentene	67	2.056	2.056	0.000	89	41318	5.00	4.70	
30 Methylene Chloride	84	2.067	2.067	0.000	61	24116	5.00	4.94	
* 31 TBA-d9 (IS)	46	2.090	2.102	-0.012	95	94862	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.159	2.136	0.023	33	26566	50.0	50.0	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Acrylonitrile	53	2.193	2.193	0.000	97	56813	50.0	48.5	
35 Methyl tert-butyl ether	73	2.216	2.227	-0.011	96	57834	5.00	4.99	
34 trans-1,2-Dichloroethene	96	2.227	2.227	0.000	90	21973	5.00	4.98	
36 Hexane	43	2.387	2.387	0.000	90	13034	5.00	4.53	
37 1,1-Dichloroethane	63	2.479	2.479	0.000	97	33624	5.00	4.89	
38 Vinyl acetate	86	2.490	2.502	-0.012	100	7191	10.0	9.11	
39 Isopropyl ether	45	2.525	2.513	0.012	74	48602	5.00	4.95	
40 2-Chloro-1,3-butadiene	88	2.547	2.547	0.000	88	17825	5.00	4.60	
41 Tert-butyl ethyl ether	87	2.753	2.753	0.000	52	22547	5.00	4.24	
* 42 2-Butanone-d5	46	2.833	2.833	0.000	99	262483	250.0	250.0	
45 2-Butanone (MEK)	72	2.868	2.868	0.000	96	12068	25.0	27.0	
43 cis-1,2-Dichloroethene	96	2.868	2.868	0.000	99	23561	5.00	4.82	
44 2,2-Dichloropropane	79	2.868	2.890	-0.022	65	10447	5.00	4.50	
47 Ethyl acetate	70	2.925	2.913	0.012	95	5236	10.0	11.0	
46 Propionitrile	54	2.913	2.913	0.000	90	22415	50.0	45.2	
48 Methyl acrylate	55	2.936	2.936	0.000	98	17553	5.00	4.75	
50 Methacrylonitrile	67	3.028	3.028	0.000	88	72250	50.0	49.6	
49 Chlorobromomethane	128	3.039	3.039	0.000	78	11732	5.00	5.15	
51 Tetrahydrofuran	72	3.085	3.085	0.000	50	6368	10.0	11.7	
52 Chloroform	83	3.085	3.096	-0.011	98	37181	5.00	4.99	
$ 53 Dibromofluoromethane (Surr)	113	3.210	3.210	0.000	96	174574	50.0	50.9	
54 1,1,1-Trichloroethane	97	3.245	3.256	-0.011	97	31227	5.00	4.67	
55 Cyclohexane	84	3.302	3.302	0.000	81	30758	5.00	4.27	
56 1,1-Dichloropropene	75	3.370	3.370	0.000	93	25791	5.00	4.46	
57 Carbon tetrachloride	117	3.382	3.382	0.000	85	23915	5.00	4.29	
59 Isobutyl alcohol	74	3.473	3.462	0.011	95	2282	125.0	108.0	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.485	3.485	0.000	0	164337	50.0	49.5	
60 Benzene	78	3.542	3.542	0.000	93	81841	5.00	5.13	
61 1,2-Dichloroethane	62	3.542	3.542	0.000	56	23790	5.00	4.87	
63 Isopropyl acetate	61	3.599	3.599	0.000	55	6545	5.00	4.11	a
62 Isooctane	57	3.610	3.610	0.000	93	55065	5.00	3.18	
64 Tert-amyl methyl ether	73	3.633	3.633	0.000	89	56406	5.00	4.55	
66 n-Heptane	43	3.770	3.770	0.000	76	21054	5.00	4.12	a
* 65 Fluorobenzene	96	3.770	3.770	0.000	99	711104	50.0	50.0	
67 n-Butanol	56	4.068	4.045	0.023	51	15118	125.0	118.0	
68 Trichloroethene	95	4.102	4.102	0.000	97	19550	5.00	4.29	
69 Ethyl acrylate	55	4.205	4.205	0.000	85	17058	5.00	4.67	
70 Methylcyclohexane	83	4.296	4.296	0.000	94	33980	5.00	4.26	
71 1,2-Dichloropropane	63	4.319	4.319	0.000	91	17882	5.00	4.65	
* 72 1,4-Dioxane-d8	96	4.388	4.411	-0.023	79	27703	1000.0	1000.0	
73 Dibromomethane	93	4.422	4.422	0.000	81	12628	5.00	4.83	
75 Methyl methacrylate	69	4.433	4.433	0.000	81	22293	10.0	9.46	
74 1,4-Dioxane	88	4.491	4.456	0.035	28	4925	100.0	111.3	
76 n-Propyl acetate	43	4.513	4.513	0.000	93	16316	5.00	4.26	
77 Dichlorobromomethane	83	4.582	4.593	-0.011	98	23290	5.00	4.38	
78 2-Nitropropane	41	4.833	4.833	0.000	96	6700	10.0	8.95	
79 2-Chloroethyl vinyl ether	63	4.925	4.925	0.000	93	11580	5.01	5.19	
80 Epichlorohydrin	57	4.971	4.971	0.000	99	30254	100.0	85.6	
81 cis-1,3-Dichloropropene	75	5.073	5.073	0.000	88	28132	5.00	4.91	
82 4-Methyl-2-pentanone (MIBK)	43	5.268	5.268	0.000	92	69140	25.0	25.1	
$ 83 Toluene-d8 (Surr)	98	5.371	5.371	0.000	99	648909	50.0	53.0	
84 Toluene	91	5.451	5.451	0.000	92	80485	5.00	4.86	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	5.725	5.725	0.000	94	22066	5.00	4.76	
86 Ethyl methacrylate	69	5.874	5.874	0.000	84	19706	5.00	5.03	
87 1,1,2-Trichloroethane	83	5.942	5.942	0.000	95	13524	5.00	5.32	
88 Tetrachloroethene	166	6.114	6.114	0.000	96	18870	5.00	4.91	
89 1,3-Dichloropropane	76	6.148	6.148	0.000	90	23186	5.00	4.99	
90 2-Hexanone	43	6.296	6.296	0.000	89	39174	25.0	23.0	
91 Chlorodibromomethane	129	6.422	6.422	0.000	93	15183	5.00	4.61	
92 n-Butyl acetate	43	6.502	6.502	0.000	94	21271	5.00	5.83	
93 Ethylene Dibromide	107	6.559	6.559	0.000	97	16220	5.00	5.41	
S 139 1,3-Dichloropropene, Total	1				0		10.0	9.67	
* 94 Chlorobenzene-d5	117	7.211	7.211	0.000	84	451765	50.0	50.0	
95 Chlorobenzene	112	7.245	7.245	0.000	96	49720	5.00	4.95	
96 1,1,1,2-Tetrachloroethane	131	7.382	7.382	0.000	95	19538	5.00	4.92	
97 Ethylbenzene	106	7.439	7.439	0.000	97	28309	5.00	4.99	
98 m-Xylene & p-Xylene	106	7.611	7.611	0.000	0	33741	5.00	4.94	
99 o-Xylene	106	8.194	8.194	0.000	92	34912	5.00	4.92	
100 Styrene	104	8.217	8.217	0.000	94	50177	5.00	4.71	
101 n-Butyl acrylate	73	8.239	8.239	0.000	95	11728	5.00	4.95	
102 Bromoform	173	8.445	8.445	0.000	94	9445	5.00	4.66	
103 Amyl acetate (mixed isomers)	43	8.617	8.617	0.000	93	19055	5.00	4.46	
104 Isopropylbenzene	105	8.777	8.777	0.000	95	80181	5.00	4.71	
$ 105 4-Bromofluorobenzene	174	8.982	8.982	0.000	92	171470	50.0	51.0	
106 Bromobenzene	156	9.177	9.177	0.000	96	19560	5.00	4.32	
107 1,1,2,2-Tetrachloroethane	83	9.257	9.268	-0.011	97	20714	5.00	4.74	
108 1,2,3-Trichloropropane	110	9.291	9.291	0.000	97	5865	5.00	4.65	
109 trans-1,4-Dichloro-2-butene	53	9.360	9.360	0.000	91	4561	5.00	4.87	
110 N-Propylbenzene	91	9.428	9.428	0.000	100	98012	5.00	4.39	
111 2-Chlorotoluene	91	9.520	9.520	0.000	95	59710	5.00	4.48	
112 4-Ethyltoluene	105	9.622	9.622	0.000	99	84158	5.00	4.45	
113 4-Chlorotoluene	91	9.691	9.702	-0.011	97	64941	5.00	4.61	
114 1,3,5-Trimethylbenzene	105	9.737	9.737	0.000	94	76015	5.00	4.54	
115 Butyl Methacrylate	87	10.000	10.000	0.000	82	23736	5.00	4.74	
116 tert-Butylbenzene	119	10.240	10.228	0.012	95	58432	5.00	4.18	
117 1,2,4-Trimethylbenzene	105	10.297	10.297	0.000	96	80180	5.00	4.62	
118 sec-Butylbenzene	105	10.514	10.514	0.000	99	93327	5.00	4.27	
119 1,3-Dichlorobenzene	146	10.594	10.594	0.000	96	38351	5.00	4.50	
* 121 1,4-Dichlorobenzene-d4	152	10.674	10.674	0.000	94	242630	50.0	50.0	
120 4-Isopropyltoluene	119	10.697	10.697	0.000	98	86804	5.00	4.52	
122 1,4-Dichlorobenzene	146	10.697	10.697	0.000	68	40682	5.00	4.91	
166 1,2,3-Trimethylbenzene	105	10.777	10.777	0.000	98	87616	5.00	4.66	
124 Benzyl chloride	91	10.845	10.845	0.000	99	32576	5.00	4.21	
125 2,3-Dihydroindene	117	10.948	10.948	0.000	94	75434	5.00	4.50	
127 1,2-Dichlorobenzene	146	11.051	11.051	0.000	96	40707	5.00	4.66	
126 p-Diethylbenzene	119	11.074	11.074	0.000	95	51829	5.00	4.57	
128 n-Butylbenzene	92	11.085	11.097	-0.012	96	44836	5.00	4.48	
129 1,2,4,5-Tetramethylbenzene	119	11.680	11.680	0.000	96	86564	5.00	4.63	
130 1,2-Dibromo-3-Chloropropane	157	11.680	11.680	0.000	33	5547	5.00	5.45	
131 1,3,5-Trichlorobenzene	180	11.828	11.828	0.000	98	33916	5.00	4.63	
132 1,2,4-Trichlorobenzene	180	12.206	12.206	0.000	93	31507	5.00	4.54	
133 Hexachlorobutadiene	225	12.320	12.320	0.000	91	14237	5.00	4.55	
134 Naphthalene	128	12.343	12.343	0.000	100	86905	5.00	4.88	
135 1,2,3-Trichlorobenzene	180	12.491	12.491	0.000	95	33019	5.00	4.68	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		10.0	9.80	
S 137 Xylenes, Total	100				0		10.0	9.86	
S 138 Total BTEX	1				0		25.0	24.8	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

524FREONS_00021	Amount Added: 5.00	Units: uL		
ACROLEIN W_00172	Amount Added: 20.00	Units: uL		
GASES Li_00594	Amount Added: 5.00	Units: uL		
8260MIX1COMB_00190	Amount Added: 5.00	Units: uL		
8260ISNEW_00175	Amount Added: 1.00	Units: uL	Run Reagent	
8260SURR250_00248	Amount Added: 1.00	Units: uL	Run Reagent	

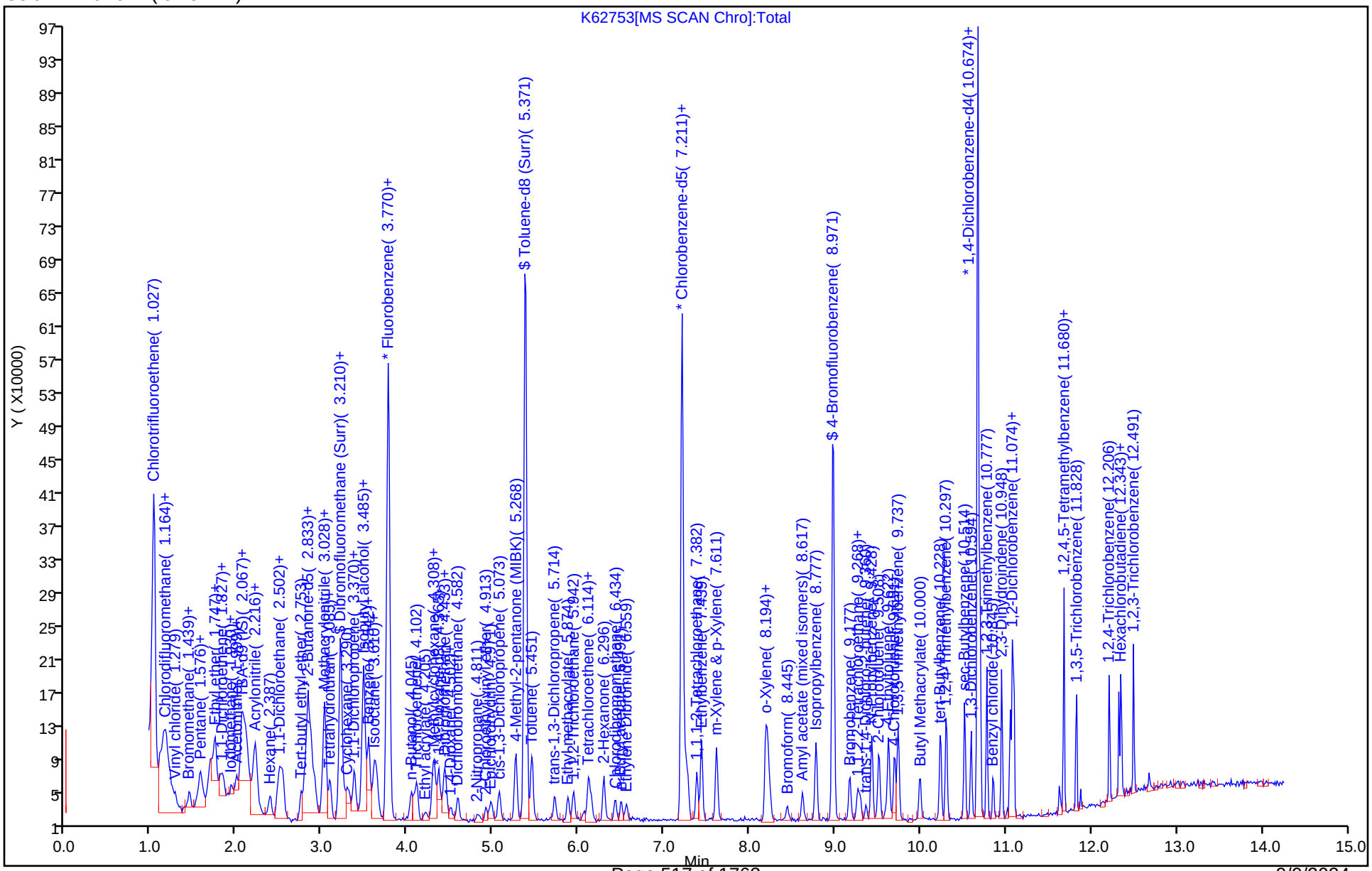
Report Date: 28-Jul-2024 12:33:29 Chrom Revision: 2.3 16-Jul-2024 14:17:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240726-178899.b\K62753.D

Injection Date:	27-Jul-2024 00:55:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	STD5			Worklist Smp#:	4
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8260S9	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240726-178899.b\K62754.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 27-Jul-2024 01:20:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0178899-005
Operator ID: Instrument ID: CVOAMS9
Sublist: chrom-8260S9*sub55

Method: \\chromfs\Edison\ChromData\CVOAMS9\20240726-178899.b\8260S9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 28-Jul-2024 12:33:40 Calib Date: 27-Jul-2024 02:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20240726-178899.b\K62757.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1627

First Level Reviewer: HVW2 Date: 27-Jul-2024 01:37:56

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	1.096	1.096	0.000	48	22531	20.0	13.6	
5 Dichlorodifluoromethane	85	1.107	1.107	0.000	62	100325	20.0	10.8	
4 Chlorodifluoromethane	67	1.119	1.119	0.000	96	15230	20.0	17.4	
6 Chloromethane	50	1.222	1.222	0.000	99	110535	20.0	12.7	
8 Butadiene	54	1.244	1.244	0.000	84	85333	20.0	17.0	
7 Vinyl chloride	62	1.279	1.279	0.000	97	90873	20.0	17.3	
9 Bromomethane	94	1.439	1.439	0.000	98	80161	20.0	17.3	
10 Chloroethane	64	1.450	1.450	0.000	78	54635	20.0	17.9	
12 Pentane	72	1.576	1.576	0.000	95	32080	40.0	43.8	
11 Dichlorofluoromethane	67	1.576	1.576	0.000	73	163689	20.0	17.7	
13 Trichlorofluoromethane	101	1.610	1.610	0.000	30	85749	20.0	14.9	Ma
14 Ethyl ether	59	1.667	1.667	0.000	95	53275	20.0	17.7	
15 2-Methyl-1,3-butadiene	53	1.690	1.690	0.000	81	69317	20.0	19.0	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.702	1.702	0.000	85	73625	20.0	18.5	
17 Ethanol	46	1.713	1.713	0.000	58	12010	800.0	1178.7	M
19 1,1,1-Trifluoro-2,2-dichloroetha	83	1.725	1.725	0.000	63	116189	20.0	18.3	
18 Acrolein	56	1.747	1.747	0.000	96	159844	300.0	313.6	
20 1,1-Dichloroethene	96	1.805	1.805	0.000	96	83394	20.0	18.9	
21 Acetone	43	1.827	1.827	0.000	75	73989	100.0	95.1	
22 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.839	1.839	0.000	96	93554	20.0	19.9	
23 Iodomethane	142	1.907	1.907	0.000	96	155293	20.0	18.9	
24 Isopropyl alcohol	45	1.907	1.907	0.000	29	48252	200.0	209.5	a
25 Carbon disulfide	76	1.942	1.942	0.000	99	371108	20.0	19.3	M
27 Methyl acetate	43	1.999	1.999	0.000	65	72189	40.0	41.1	
28 Acetonitrile	40	1.999	1.999	0.000	84	39671	200.0	239.1	
26 3-Chloro-1-propene	39	1.999	1.999	0.000	91	68076	20.0	18.2	
29 Cyclopentene	67	2.056	2.056	0.000	88	177258	20.0	19.3	
30 Methylene Chloride	84	2.067	2.067	0.000	86	92830	20.0	18.2	
* 31 TBA-d9 (IS)	46	2.102	2.102	0.000	96	86075	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.136	2.136	0.000	33	99556	200.0	206.7	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Acrylonitrile	53	2.193	2.193	0.000	95	231956	200.0	189.3	
35 Methyl tert-butyl ether	73	2.227	2.227	0.000	95	233069	20.0	19.2	
34 trans-1,2-Dichloroethene	96	2.227	2.227	0.000	91	92534	20.0	20.0	
36 Hexane	43	2.387	2.387	0.000	87	61848	20.0	20.5	
37 1,1-Dichloroethane	63	2.479	2.479	0.000	100	139237	20.0	19.3	
38 Vinyl acetate	86	2.502	2.502	0.000	100	27798	40.0	38.8	
39 Isopropyl ether	45	2.513	2.513	0.000	85	203702	20.0	19.8	
40 2-Chloro-1,3-butadiene	88	2.547	2.547	0.000	87	80331	20.0	19.8	
41 Tert-butyl ethyl ether	87	2.753	2.753	0.000	89	101779	20.0	18.3	
* 42 2-Butanone-d5	46	2.833	2.833	0.000	98	268719	250.0	250.0	
45 2-Butanone (MEK)	72	2.868	2.868	0.000	98	42221	100.0	92.2	
43 cis-1,2-Dichloroethene	96	2.868	2.868	0.000	98	100331	20.0	19.6	
44 2,2-Dichloropropane	79	2.890	2.890	0.000	85	43132	20.0	17.8	
47 Ethyl acetate	70	2.913	2.913	0.000	98	16604	40.0	38.5	
46 Propionitrile	54	2.913	2.913	0.000	95	96320	200.0	214.2	
48 Methyl acrylate	55	2.936	2.936	0.000	59	69636	20.0	18.0	a
50 Methacrylonitrile	67	3.028	3.028	0.000	85	292874	200.0	191.9	
49 Chlorobromomethane	128	3.039	3.039	0.000	78	46477	20.0	19.5	
51 Tetrahydrofuran	72	3.085	3.085	0.000	48	20692	40.0	37.2	
52 Chloroform	83	3.096	3.096	0.000	99	151672	20.0	19.5	
$ 53 Dibromofluoromethane (Surr)	113	3.210	3.210	0.000	96	181083	50.0	50.4	
54 1,1,1-Trichloroethane	97	3.256	3.256	0.000	95	138952	20.0	19.9	
55 Cyclohexane	84	3.302	3.302	0.000	86	152784	20.0	20.3	
56 1,1-Dichloropropene	75	3.370	3.370	0.000	95	119620	20.0	19.8	
57 Carbon tetrachloride	117	3.382	3.382	0.000	96	119481	20.0	20.5	
59 Isobutyl alcohol	74	3.462	3.462	0.000	67	9762	500.0	509.1	a
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.485	3.485	0.000	0	177343	50.0	51.0	
60 Benzene	78	3.542	3.542	0.000	92	359960	20.0	21.1	
61 1,2-Dichloroethane	62	3.542	3.542	0.000	94	100887	20.0	19.7	
63 Isopropyl acetate	61	3.599	3.599	0.000	66	39757	20.0	23.8	a
62 Isooctane	57	3.610	3.610	0.000	95	321418	20.0	17.7	
64 Tert-amyl methyl ether	73	3.633	3.633	0.000	91	250185	20.0	19.3	
66 n-Heptane	43	3.770	3.770	0.000	46	107924	20.0	20.2	a
* 65 Fluorobenzene	96	3.770	3.770	0.000	98	744259	50.0	50.0	
67 n-Butanol	56	4.045	4.045	0.000	51	59320	500.0	510.3	
68 Trichloroethene	95	4.102	4.102	0.000	99	93676	20.0	19.6	
69 Ethyl acrylate	55	4.205	4.205	0.000	98	69315	20.0	18.1	
70 Methylcyclohexane	83	4.296	4.296	0.000	93	177108	20.0	21.2	
71 1,2-Dichloropropane	63	4.319	4.319	0.000	92	78237	20.0	19.4	
* 72 1,4-Dioxane-d8	96	4.411	4.411	0.000	44	31503	1000.0	1000.0	
73 Dibromomethane	93	4.422	4.422	0.000	97	51672	20.0	18.9	
75 Methyl methacrylate	69	4.433	4.433	0.000	80	90608	40.0	36.7	
74 1,4-Dioxane	88	4.456	4.456	0.000	29	18149	400.0	360.7	
76 n-Propyl acetate	43	4.513	4.513	0.000	95	74622	20.0	18.6	
77 Dichlorobromomethane	83	4.593	4.593	0.000	99	101368	20.0	18.2	
78 2-Nitropropane	41	4.833	4.833	0.000	97	28507	40.0	36.4	
79 2-Chloroethyl vinyl ether	63	4.925	4.925	0.000	92	42992	20.0	18.4	
80 Epichlorohydrin	57	4.971	4.971	0.000	99	135145	400.0	373.5	
81 cis-1,3-Dichloropropene	75	5.073	5.073	0.000	89	120345	20.0	19.6	
82 4-Methyl-2-pentanone (MIBK)	43	5.268	5.268	0.000	93	279538	100.0	99.0	
$ 83 Toluene-d8 (Surr)	98	5.371	5.371	0.000	99	669422	50.0	51.1	
84 Toluene	91	5.451	5.451	0.000	93	355421	20.0	20.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	5.725	5.725	0.000	94	99023	20.0	19.9	
86 Ethyl methacrylate	69	5.874	5.874	0.000	86	82188	20.0	19.6	
87 1,1,2-Trichloroethane	83	5.942	5.942	0.000	96	52294	20.0	19.2	
88 Tetrachloroethene	166	6.114	6.114	0.000	97	83385	20.0	20.3	
89 1,3-Dichloropropane	76	6.148	6.148	0.000	90	95881	20.0	19.3	
90 2-Hexanone	43	6.296	6.296	0.000	91	168521	100.0	96.8	
91 Chlorodibromomethane	129	6.422	6.422	0.000	96	68058	20.0	19.3	
92 n-Butyl acetate	43	6.502	6.502	0.000	97	72925	20.0	18.6	
93 Ethylene Dibromide	107	6.559	6.559	0.000	98	64657	20.0	20.1	
S 139 1,3-Dichloropropene, Total	1				0		40.0	39.5	
* 94 Chlorobenzene-d5	117	7.211	7.211	0.000	84	484115	50.0	50.0	
95 Chlorobenzene	112	7.245	7.245	0.000	97	215221	20.0	20.0	
96 1,1,1,2-Tetrachloroethane	131	7.382	7.382	0.000	96	79959	20.0	18.8	
97 Ethylbenzene	106	7.439	7.439	0.000	97	117780	20.0	19.4	
98 m-Xylene & p-Xylene	106	7.611	7.611	0.000	0	148215	20.0	20.3	
99 o-Xylene	106	8.194	8.194	0.000	94	155115	20.0	20.4	
100 Styrene	104	8.217	8.217	0.000	97	234291	20.0	20.5	
101 n-Butyl acrylate	73	8.239	8.239	0.000	100	51396	20.0	20.3	
102 Bromoform	173	8.445	8.445	0.000	96	41036	20.0	18.9	
103 Amyl acetate (mixed isomers)	43	8.617	8.617	0.000	93	88791	20.0	20.2	
104 Isopropylbenzene	105	8.777	8.777	0.000	95	376188	20.0	20.6	
$ 105 4-Bromofluorobenzene	174	8.982	8.982	0.000	91	182643	50.0	50.7	
106 Bromobenzene	156	9.177	9.177	0.000	95	91785	20.0	19.7	
107 1,1,2,2-Tetrachloroethane	83	9.268	9.268	0.000	98	86688	20.0	19.3	
108 1,2,3-Trichloropropane	110	9.291	9.291	0.000	97	25032	20.0	19.3	
109 trans-1,4-Dichloro-2-butene	53	9.360	9.360	0.000	95	18628	20.0	19.4	
110 N-Propylbenzene	91	9.428	9.428	0.000	99	469362	20.0	20.5	
111 2-Chlorotoluene	91	9.520	9.520	0.000	96	275147	20.0	20.1	
112 4-Ethyltoluene	105	9.622	9.622	0.000	99	379383	20.0	19.5	
113 4-Chlorotoluene	91	9.702	9.702	0.000	97	297221	20.0	20.5	
114 1,3,5-Trimethylbenzene	105	9.737	9.737	0.000	93	345401	20.0	20.1	
115 Butyl Methacrylate	87	10.000	10.000	0.000	84	102034	20.0	19.8	
116 tert-Butylbenzene	119	10.228	10.228	0.000	95	286817	20.0	19.9	
117 1,2,4-Trimethylbenzene	105	10.297	10.297	0.000	97	350369	20.0	19.6	
118 sec-Butylbenzene	105	10.514	10.514	0.000	99	454129	20.0	20.2	
119 1,3-Dichlorobenzene	146	10.594	10.594	0.000	97	178048	20.0	20.3	
* 121 1,4-Dichlorobenzene-d4	152	10.674	10.674	0.000	94	249456	50.0	50.0	
120 4-Isopropyltoluene	119	10.697	10.697	0.000	98	386749	20.0	19.6	
122 1,4-Dichlorobenzene	146	10.697	10.697	0.000	69	175518	20.0	20.6	
166 1,2,3-Trimethylbenzene	105	10.777	10.777	0.000	99	381832	20.0	19.8	
124 Benzyl chloride	91	10.845	10.845	0.000	99	159412	20.0	20.0	
125 2,3-Dihydroindene	117	10.948	10.948	0.000	94	346062	20.0	20.1	
127 1,2-Dichlorobenzene	146	11.051	11.051	0.000	98	176867	20.0	19.7	
126 p-Diethylbenzene	119	11.074	11.074	0.000	93	239072	20.0	20.5	
128 n-Butylbenzene	92	11.097	11.097	0.000	97	209457	20.0	20.4	
129 1,2,4,5-Tetramethylbenzene	119	11.680	11.680	0.000	97	380791	20.0	19.8	
130 1,2-Dibromo-3-Chloropropane	157	11.680	11.680	0.000	33	18635	20.0	17.8	
131 1,3,5-Trichlorobenzene	180	11.828	11.828	0.000	97	152290	20.0	20.2	
132 1,2,4-Trichlorobenzene	180	12.206	12.206	0.000	93	131061	20.0	18.4	
133 Hexachlorobutadiene	225	12.320	12.320	0.000	93	61294	20.0	19.1	
134 Naphthalene	128	12.343	12.343	0.000	99	341070	20.0	18.6	
135 1,2,3-Trichlorobenzene	180	12.491	12.491	0.000	97	138771	20.0	19.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		40.0	39.7	
S 137 Xylenes, Total	100				0		40.0	40.6	
S 138 Total BTEX	1				0		100.0	101.1	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

524FREONS_00021	Amount Added:	2.00	Units: uL		
ACROLEIN W_00172	Amount Added:	3.00	Units: uL		
GASES Li_00594	Amount Added:	2.00	Units: uL		
8260MIX1COMB_00190	Amount Added:	2.00	Units: uL		
8260ISNEW_00175	Amount Added:	1.00	Units: uL	Run Reagent	
8260SURR250_00248	Amount Added:	1.00	Units: uL	Run Reagent	

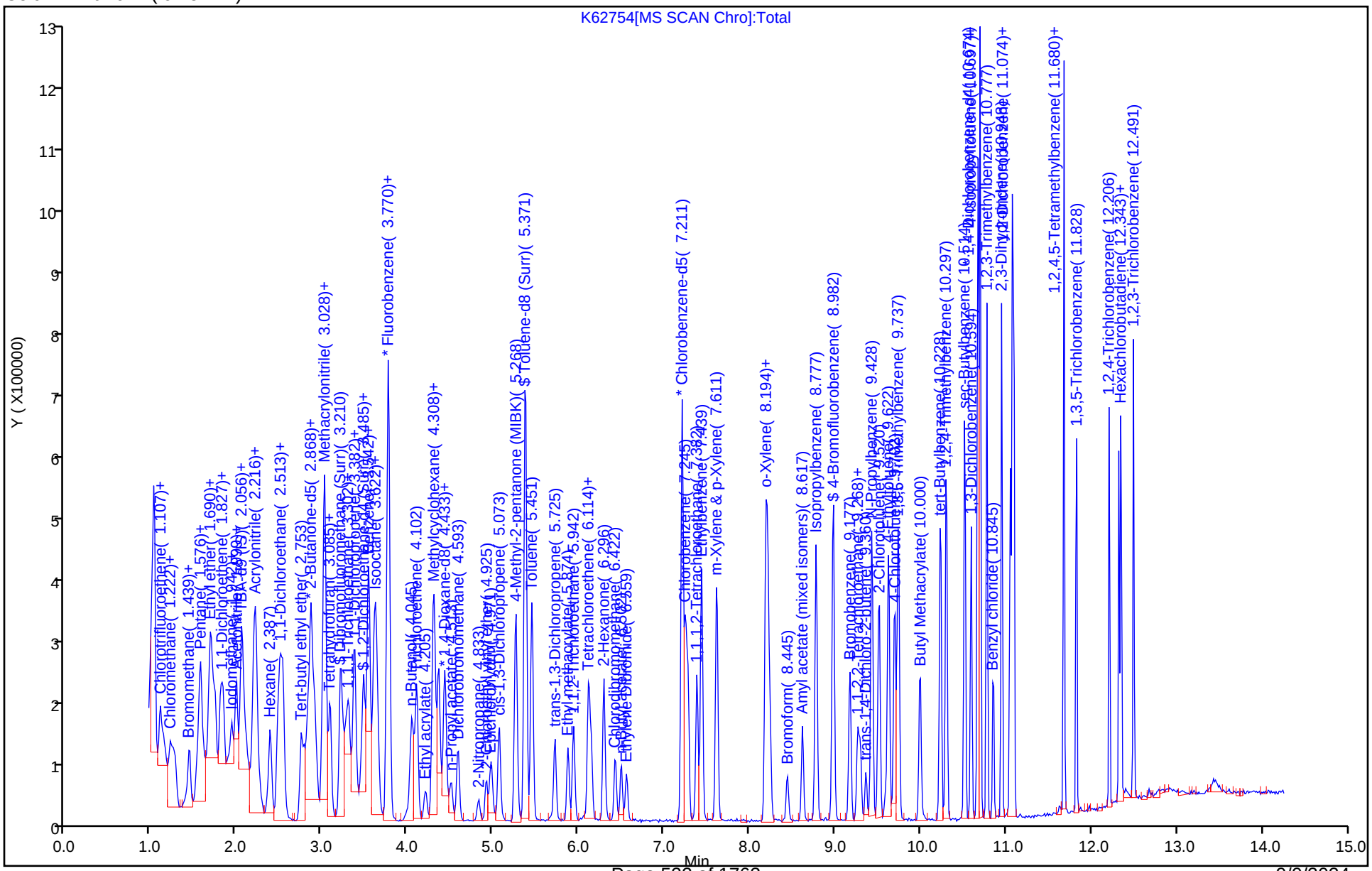
Report Date: 28-Jul-2024 12:33:40 Chrom Revision: 2.3 16-Jul-2024 14:17:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240726-178899.b\K62754.D

Injection Date:	27-Jul-2024 01:20:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	STD20			Worklist Smp#:	5
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8260S9	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



9/9/2024
1:05:41 PM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240726-178899.b\K62755.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 27-Jul-2024 01:44:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0178899-006
Operator ID: Instrument ID: CVOAMS9
Sublist: chrom-8260S9*sub55

Method: \\chromfs\Edison\ChromData\CVOAMS9\20240726-178899.b\8260S9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 28-Jul-2024 12:33:51 Calib Date: 27-Jul-2024 02:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20240726-178899.b\K62757.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1627

First Level Reviewer: HVW2 Date: 27-Jul-2024 02:03:06

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	1.073	1.096	-0.023	49	58893	50.0	36.2	
5 Dichlorodifluoromethane	85	1.107	1.107	0.000	98	270999	50.0	29.6	
4 Chlorodifluoromethane	67	1.096	1.119	-0.023	95	35338	50.0	41.2	
6 Chloromethane	50	1.210	1.222	-0.012	99	301317	50.0	35.2	
8 Butadiene	54	1.245	1.244	0.000	88	228361	50.0	46.5	
7 Vinyl chloride	62	1.267	1.279	-0.012	97	239332	50.0	46.5	
9 Bromomethane	94	1.439	1.439	0.000	99	214865	50.0	47.3	
10 Chloroethane	64	1.439	1.450	-0.011	75	143530	50.0	48.0	
12 Pentane	72	1.565	1.576	-0.011	96	74886	100.0	87.5	
11 Dichlorofluoromethane	67	1.565	1.576	-0.011	86	451335	50.0	49.8	
13 Trichlorofluoromethane	101	1.610	1.610	0.000	96	256195	50.0	45.4	
14 Ethyl ether	59	1.667	1.667	0.000	93	137429	50.0	46.6	
15 2-Methyl-1,3-butadiene	53	1.690	1.690	0.000	88	182775	50.0	52.6	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.702	1.702	0.000	87	188414	50.0	48.3	
17 Ethanol	46	1.690	1.713	-0.023	60	26272	2000.0	2197.5	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	1.725	1.725	0.000	92	327941	50.0	52.5	
18 Acrolein	56	1.736	1.747	-0.011	93	219576	400.0	369.1	
20 1,1-Dichloroethene	96	1.805	1.805	0.000	95	220790	50.0	51.0	
21 Acetone	43	1.816	1.827	-0.011	85	201721	250.0	260.4	
22 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.839	1.839	0.000	96	247876	50.0	53.8	
23 Iodomethane	142	1.896	1.907	-0.011	97	396707	50.0	49.3	
24 Isopropyl alcohol	45	1.885	1.907	-0.022	30	137795	500.0	521.9	a
25 Carbon disulfide	76	1.930	1.942	-0.012	98	966631	50.0	51.2	M
27 Methyl acetate	43	1.999	1.999	0.000	99	188390	100.0	93.4	
28 Acetonitrile	40	1.987	1.999	-0.012	79	78876	500.0	407.3	
26 3-Chloro-1-propene	39	1.987	1.999	-0.012	93	186686	50.0	50.8	
29 Cyclopentene	67	2.045	2.056	-0.011	90	464446	50.0	51.4	
30 Methylene Chloride	84	2.056	2.067	-0.011	86	246030	50.0	49.1	
* 31 TBA-d9 (IS)	46	2.102	2.102	0.000	67	100462	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.125	2.136	-0.011	93	249920	500.0	444.6	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Acrylonitrile	53	2.193	2.193	0.000	96	605725	500.0	503.7	
35 Methyl tert-butyl ether	73	2.216	2.227	-0.011	95	610295	50.0	51.2	
34 trans-1,2-Dichloroethene	96	2.216	2.227	-0.011	90	229771	50.0	50.7	
36 Hexane	43	2.376	2.387	-0.011	88	160265	50.0	54.2	
37 1,1-Dichloroethane	63	2.479	2.479	0.000	99	356601	50.0	50.5	
38 Vinyl acetate	86	2.502	2.502	0.000	100	73694	100.0	88.1	
39 Isopropyl ether	45	2.513	2.513	0.000	85	520833	50.0	51.7	
40 2-Chloro-1,3-butadiene	88	2.536	2.547	-0.011	88	197207	50.0	49.6	
41 Tert-butyl ethyl ether	87	2.753	2.753	0.000	89	281671	50.0	51.5	
* 42 2-Butanone-d5	46	2.822	2.833	-0.011	96	274047	250.0	250.0	
45 2-Butanone (MEK)	72	2.868	2.868	0.000	98	108548	250.0	232.4	
43 cis-1,2-Dichloroethene	96	2.856	2.868	-0.012	98	254081	50.0	50.6	
44 2,2-Dichloropropane	79	2.879	2.890	-0.011	85	112220	50.0	47.1	
47 Ethyl acetate	70	2.902	2.913	-0.011	96	41620	100.0	98.0	
46 Propionitrile	54	2.913	2.913	0.000	95	237954	500.0	453.4	
48 Methyl acrylate	55	2.936	2.936	0.000	99	177012	50.0	46.6	a
50 Methacrylonitrile	67	3.016	3.028	-0.012	86	746338	500.0	498.3	
49 Chlorobromomethane	128	3.028	3.039	-0.011	77	113329	50.0	48.4	
51 Tetrahydrofuran	72	3.073	3.085	-0.012	73	52986	100.0	93.3	
52 Chloroform	83	3.085	3.096	-0.011	99	379481	50.0	49.6	
$ 53 Dibromofluoromethane (Surr)	113	3.210	3.210	0.000	96	175215	50.0	49.7	
54 1,1,1-Trichloroethane	97	3.245	3.256	-0.011	97	360529	50.0	52.5	
55 Cyclohexane	84	3.302	3.302	0.000	84	366693	50.0	49.6	
56 1,1-Dichloropropene	75	3.370	3.370	0.000	97	295599	50.0	49.8	
57 Carbon tetrachloride	117	3.382	3.382	0.000	97	288958	50.0	50.5	
59 Isobutyl alcohol	74	3.450	3.462	-0.012	94	24737	1250.0	1105.2	M
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.485	3.485	0.000	0	166287	50.0	48.7	
60 Benzene	78	3.530	3.542	-0.012	93	904034	50.0	50.0	
61 1,2-Dichloroethane	62	3.542	3.542	0.000	95	247241	50.0	49.2	
63 Isopropyl acetate	61	3.599	3.599	0.000	85	101014	50.0	61.7	a
62 Isooctane	57	3.610	3.610	0.000	95	833697	50.0	46.7	
64 Tert-amyl methyl ether	73	3.633	3.633	0.000	90	647314	50.0	50.8	
66 n-Heptane	43	3.770	3.770	0.000	61	270812	50.0	51.6	
* 65 Fluorobenzene	96	3.770	3.770	0.000	95	730559	50.0	50.0	
67 n-Butanol	56	4.045	4.045	0.000	46	136222	1250.0	1004.1	
68 Trichloroethene	95	4.102	4.102	0.000	98	234411	50.0	50.1	
69 Ethyl acrylate	55	4.205	4.205	0.000	98	196445	50.0	52.4	
70 Methylcyclohexane	83	4.296	4.296	0.000	92	442950	50.0	54.1	
71 1,2-Dichloropropane	63	4.319	4.319	0.000	92	199800	50.0	50.5	
* 72 1,4-Dioxane-d8	96	4.411	4.411	0.000	27	30072	1000.0	1000.0	
73 Dibromomethane	93	4.422	4.422	0.000	99	130532	50.0	48.6	
75 Methyl methacrylate	69	4.433	4.433	0.000	82	240648	100.0	99.4	
74 1,4-Dioxane	88	4.445	4.456	-0.011	29	41426	1000.0	862.5	M
76 n-Propyl acetate	43	4.502	4.513	-0.011	96	188509	50.0	48.0	
77 Dichlorobromomethane	83	4.582	4.593	-0.011	99	276653	50.0	50.7	
78 2-Nitropropane	41	4.822	4.833	-0.011	98	70847	100.0	92.1	
79 2-Chloroethyl vinyl ether	63	4.925	4.925	0.000	91	108438	50.1	47.3	M
80 Epichlorohydrin	57	4.971	4.971	0.000	99	365483	1000.0	990.4	
81 cis-1,3-Dichloropropene	75	5.073	5.073	0.000	88	332650	50.0	51.2	
82 4-Methyl-2-pentanone (MIBK)	43	5.268	5.268	0.000	92	708956	250.0	246.2	
$ 83 Toluene-d8 (Surr)	98	5.371	5.371	0.000	99	677256	50.0	48.8	
84 Toluene	91	5.451	5.451	0.000	93	921379	50.0	49.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	5.725	5.725	0.000	94	268058	50.0	51.0	
86 Ethyl methacrylate	69	5.874	5.874	0.000	86	226326	50.0	50.9	
87 1,1,2-Trichloroethane	83	5.942	5.942	0.000	96	137620	50.0	47.7	
88 Tetrachloroethene	166	6.114	6.114	0.000	96	220552	50.0	50.6	
89 1,3-Dichloropropane	76	6.148	6.148	0.000	90	269039	50.0	51.1	
90 2-Hexanone	43	6.296	6.296	0.000	90	438976	250.0	247.3	
91 Chlorodibromomethane	129	6.434	6.422	0.012	97	188645	50.0	50.5	
92 n-Butyl acetate	43	6.491	6.502	-0.011	97	200475	50.0	48.4	
93 Ethylene Dibromide	107	6.559	6.559	0.000	99	169259	50.0	49.7	
S 139 1,3-Dichloropropene, Total	1				0		100.0	102.2	
* 94 Chlorobenzene-d5	117	7.211	7.211	0.000	83	512441	50.0	50.0	
95 Chlorobenzene	112	7.245	7.245	0.000	96	581291	50.0	51.0	
96 1,1,1,2-Tetrachloroethane	131	7.382	7.382	0.000	96	225851	50.0	50.2	
97 Ethylbenzene	106	7.439	7.439	0.000	97	321855	50.0	50.0	
98 m-Xylene & p-Xylene	106	7.611	7.611	0.000	0	395979	50.0	51.1	
99 o-Xylene	106	8.194	8.194	0.000	94	411024	50.0	51.0	
100 Styrene	104	8.217	8.217	0.000	97	621580	50.0	51.4	
101 n-Butyl acrylate	73	8.239	8.239	0.000	99	136393	50.0	50.8	
102 Bromoform	173	8.445	8.445	0.000	96	112943	50.0	49.1	
103 Amyl acetate (mixed isomers)	43	8.617	8.617	0.000	92	228555	50.0	51.7	
104 Isopropylbenzene	105	8.777	8.777	0.000	95	1008439	50.0	52.2	
$ 105 4-Bromofluorobenzene	174	8.982	8.982	0.000	91	190151	50.0	49.9	
106 Bromobenzene	156	9.177	9.177	0.000	97	230531	50.0	49.2	
107 1,1,2,2-Tetrachloroethane	83	9.268	9.268	0.000	99	232211	50.0	51.4	
108 1,2,3-Trichloropropane	110	9.291	9.291	0.000	98	62563	50.0	47.9	
109 trans-1,4-Dichloro-2-butene	53	9.360	9.360	0.000	95	45436	50.0	46.9	
110 N-Propylbenzene	91	9.428	9.428	0.000	99	1225559	50.0	53.1	
111 2-Chlorotoluene	91	9.508	9.520	-0.012	96	720372	50.0	52.2	
112 4-Ethyltoluene	105	9.622	9.622	0.000	99	1013728	50.0	51.8	
113 4-Chlorotoluene	91	9.702	9.702	0.000	96	780747	50.0	53.5	
114 1,3,5-Trimethylbenzene	105	9.737	9.737	0.000	93	931037	50.0	53.7	
115 Butyl Methacrylate	87	10.000	10.000	0.000	84	276871	50.0	53.4	
116 tert-Butylbenzene	119	10.240	10.228	0.012	94	759939	50.0	52.5	
117 1,2,4-Trimethylbenzene	105	10.297	10.297	0.000	97	920916	50.0	51.3	
118 sec-Butylbenzene	105	10.514	10.514	0.000	100	1251145	50.0	55.3	
119 1,3-Dichlorobenzene	146	10.594	10.594	0.000	98	460665	50.0	52.2	
* 121 1,4-Dichlorobenzene-d4	152	10.674	10.674	0.000	94	251149	50.0	50.0	
120 4-Isopropyltoluene	119	10.697	10.697	0.000	98	1035327	50.0	52.1	
122 1,4-Dichlorobenzene	146	10.697	10.697	0.000	67	443370	50.0	51.7	
166 1,2,3-Trimethylbenzene	105	10.777	10.777	0.000	100	1004467	50.0	51.6	
124 Benzyl chloride	91	10.845	10.845	0.000	99	432240	50.0	53.9	
125 2,3-Dihydroindene	117	10.948	10.948	0.000	94	900054	50.0	51.9	
127 1,2-Dichlorobenzene	146	11.051	11.051	0.000	98	452477	50.0	50.0	
126 p-Diethylbenzene	119	11.074	11.074	0.000	94	619055	50.0	52.7	
128 n-Butylbenzene	92	11.097	11.097	0.000	97	521962	50.0	50.4	
129 1,2,4,5-Tetramethylbenzene	119	11.680	11.680	0.000	97	1049975	50.0	54.2	
130 1,2-Dibromo-3-Chloropropane	157	11.680	11.680	0.000	33	53103	50.0	50.4	
131 1,3,5-Trichlorobenzene	180	11.828	11.828	0.000	98	404103	50.0	53.3	
132 1,2,4-Trichlorobenzene	180	12.206	12.206	0.000	94	348840	50.0	48.6	
133 Hexachlorobutadiene	225	12.320	12.320	0.000	90	171667	50.0	53.0	
134 Naphthalene	128	12.343	12.343	0.000	99	921844	50.0	50.1	
135 1,2,3-Trichlorobenzene	180	12.491	12.491	0.000	96	367755	50.0	50.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		100.0	101.3	
S 137 Xylenes, Total	100				0		100.0	102.2	
S 138 Total BTEX	1				0		250.0	251.2	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

524FREONS_00021	Amount Added:	5.00	Units: uL	
ACROLEIN W_00172	Amount Added:	4.00	Units: uL	
GASES Li_00594	Amount Added:	5.00	Units: uL	
8260MIX1COMB_00190	Amount Added:	5.00	Units: uL	
8260ISNEW_00175	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00248	Amount Added:	1.00	Units: uL	Run Reagent

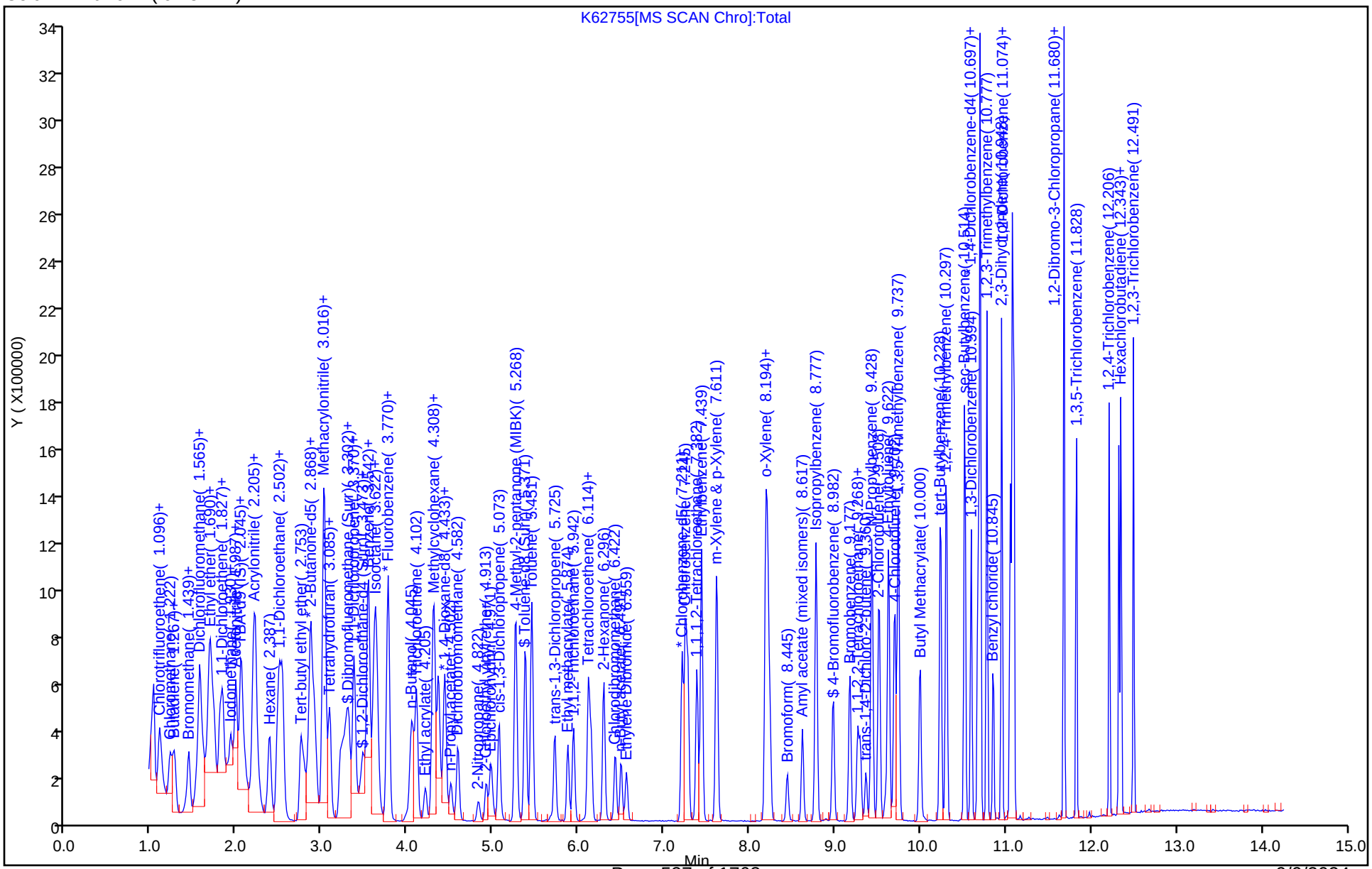
Report Date: 28-Jul-2024 12:33:52 Chrom Revision: 2.3 16-Jul-2024 14:17:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240726-178899.b\K62755.D

Injection Date:	27-Jul-2024 01:44:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	STD50			Worklist Smp#:	6
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8260S9	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240726-178899.b\K62756.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 27-Jul-2024 02:08:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0178899-007
Operator ID: Instrument ID: CVOAMS9
Sublist: chrom-8260S9*sub55

Method: \\chromfs\Edison\ChromData\CVOAMS9\20240726-178899.b\8260S9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 28-Jul-2024 12:34:03 Calib Date: 27-Jul-2024 02:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20240726-178899.b\K62757.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1627

First Level Reviewer: N1JZ Date: 27-Jul-2024 05:41:31

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	1.073	1.096	-0.023	93	327465	200.0	206.0	
5 Dichlorodifluoromethane	85	1.107	1.107	0.000	99	1834168	200.0	209.1	
4 Chlorodifluoromethane	67	1.107	1.119	-0.012	96	171713	200.0	210.1	
6 Chloromethane	50	1.210	1.222	-0.012	98	1656153	200.0	207.0	
8 Butadiene	54	1.245	1.244	0.001	87	1167571	200.0	249.6	
7 Vinyl chloride	62	1.267	1.279	-0.012	98	1207508	200.0	246.7	
9 Bromomethane	94	1.439	1.439	0.000	99	1006481	200.0	233.0	
10 Chloroethane	64	1.439	1.450	-0.011	74	668944	200.0	235.1	
12 Pentane	72	1.565	1.576	-0.011	96	296006	400.0	368.7	
11 Dichlorofluoromethane	67	1.576	1.576	0.000	98	2012456	200.0	233.3	
13 Trichlorofluoromethane	101	1.610	1.610	0.000	96	1236690	200.0	230.1	
14 Ethyl ether	59	1.667	1.667	0.000	93	513021	200.0	182.7	
15 2-Methyl-1,3-butadiene	53	1.690	1.690	0.000	90	669024	200.0	205.1	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.713	1.702	0.011	87	803708	200.0	216.3	
17 Ethanol	46	1.679	1.713	-0.034	56	90849	8000.0	7866.5	Ma
19 1,1,1-Trifluoro-2,2-dichloroetha	83	1.736	1.725	0.011	97	1294524	200.0	217.9	a
18 Acrolein	56	1.736	1.747	-0.011	91	285592	500.0	511.6	
20 1,1-Dichloroethene	96	1.805	1.805	0.000	95	830641	200.0	201.6	
21 Acetone	43	1.827	1.827	0.000	88	842912	1000.0	1103.3	
22 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.839	1.839	0.000	97	957614	200.0	218.6	
23 Iodomethane	142	1.907	1.907	0.000	97	1499496	200.0	195.9	
24 Isopropyl alcohol	45	1.896	1.907	-0.011	29	437045	2000.0	1778.8	a
25 Carbon disulfide	76	1.987	1.942	0.045	98	3658416	200.0	203.6	M
27 Methyl acetate	43	1.987	1.999	-0.012	99	716527	400.0	382.3	
28 Acetonitrile	40	1.987	1.999	-0.012	79	339048	2000.0	1865.4	
26 3-Chloro-1-propene	39	1.987	1.999	-0.012	88	683189	200.0	195.5	
29 Cyclopentene	67	2.045	2.056	-0.011	90	1712300	200.0	199.1	
30 Methylene Chloride	84	2.056	2.067	-0.011	86	890032	200.0	186.5	
* 31 TBA-d9 (IS)	46	2.090	2.102	-0.012	42	94282	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.147	2.136	0.011	91	936266	2000.0	1774.7	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Acrylonitrile	53	2.193	2.193	0.000	95	2255435	2000.0	1971.0	
35 Methyl tert-butyl ether	73	2.216	2.227	-0.011	92	2293915	200.0	202.3	
34 trans-1,2-Dichloroethene	96	2.216	2.227	-0.011	91	846512	200.0	196.3	
36 Hexane	43	2.376	2.387	-0.011	88	578083	200.0	205.4	
37 1,1-Dichloroethane	63	2.468	2.479	-0.011	99	1306623	200.0	194.3	
38 Vinyl acetate	86	2.490	2.502	-0.012	100	297611	400.0	379.2	
39 Isopropyl ether	45	2.513	2.513	0.000	84	1952600	200.0	203.5	
40 2-Chloro-1,3-butadiene	88	2.536	2.547	-0.011	88	765603	200.0	202.2	
41 Tert-butyl ethyl ether	87	2.753	2.753	0.000	89	1088452	200.0	209.2	
* 42 2-Butanone-d5	46	2.822	2.833	-0.011	95	273087	250.0	250.0	
45 2-Butanone (MEK)	72	2.868	2.868	0.000	98	434648	1000.0	934.0	
43 cis-1,2-Dichloroethene	96	2.856	2.868	-0.012	99	937124	200.0	196.2	
44 2,2-Dichloropropane	79	2.890	2.890	0.000	89	420344	200.0	185.4	
47 Ethyl acetate	70	2.902	2.913	-0.011	97	157600	400.0	382.9	
46 Propionitrile	54	2.913	2.913	0.000	95	959135	2000.0	1947.4	
48 Methyl acrylate	55	2.936	2.936	0.000	99	720635	200.0	199.3	a
50 Methacrylonitrile	67	3.016	3.028	-0.012	85	2971933	2000.0	2084.9	
49 Chlorobromomethane	128	3.039	3.039	0.000	69	422886	200.0	189.8	
51 Tetrahydrofuran	72	3.073	3.085	-0.012	71	203977	400.0	360.6	
52 Chloroform	83	3.085	3.096	-0.011	99	1372903	200.0	188.6	
$ 53 Dibromofluoromethane (Surr)	113	3.210	3.210	0.000	96	171251	50.0	51.0	
54 1,1,1-Trichloroethane	97	3.245	3.256	-0.011	97	1348280	200.0	206.4	
55 Cyclohexane	84	3.313	3.302	0.011	86	1511763	200.0	214.8	
56 1,1-Dichloropropene	75	3.370	3.370	0.000	97	1157731	200.0	204.8	
57 Carbon tetrachloride	117	3.382	3.382	0.000	96	1165192	200.0	213.8	
59 Isobutyl alcohol	74	3.462	3.462	0.000	97	93199	5000.0	4437.0	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.485	3.485	0.000	0	165991	50.0	51.1	
60 Benzene	78	3.542	3.542	0.000	93	3395956	200.0	189.8	
61 1,2-Dichloroethane	62	3.542	3.542	0.000	95	927103	200.0	194.0	
63 Isopropyl acetate	61	3.588	3.599	-0.011	94	310162	200.0	199.1	a
62 Isooctane	57	3.622	3.610	0.012	98	3453456	200.0	201.6	
64 Tert-amyl methyl ether	73	3.633	3.633	0.000	91	2540039	200.0	209.4	
66 n-Heptane	43	3.771	3.770	0.000	83	1011999	200.0	202.8	
* 65 Fluorobenzene	96	3.771	3.770	0.000	73	695215	50.0	50.0	
67 n-Butanol	56	4.045	4.045	0.000	84	594068	5000.0	4665.9	
68 Trichloroethene	95	4.102	4.102	0.000	99	902664	200.0	202.6	
69 Ethyl acrylate	55	4.205	4.205	0.000	98	773061	200.0	216.6	
70 Methylcyclohexane	83	4.308	4.296	0.012	92	1683567	200.0	216.1	
71 1,2-Dichloropropane	63	4.319	4.319	0.000	93	740655	200.0	196.8	
* 72 1,4-Dioxane-d8	96	4.422	4.411	0.011	33	29101	1000.0	1000.0	
73 Dibromomethane	93	4.422	4.422	0.000	98	504933	200.0	197.5	
75 Methyl methacrylate	69	4.445	4.433	0.012	80	976410	400.0	423.9	
74 1,4-Dioxane	88	4.445	4.456	-0.011	28	161190	4000.0	3468.0	M
76 n-Propyl acetate	43	4.513	4.513	0.000	95	772043	200.0	206.4	
77 Dichlorobromomethane	83	4.593	4.593	0.000	99	1087350	200.0	209.4	
78 2-Nitropropane	41	4.822	4.833	-0.011	96	296614	400.0	405.3	
79 2-Chloroethyl vinyl ether	63	4.925	4.925	0.000	92	456866	200.5	209.3	M
80 Epichlorohydrin	57	4.971	4.971	0.000	98	1510840	4000.0	4108.7	
81 cis-1,3-Dichloropropene	75	5.074	5.073	0.001	89	1296270	200.0	201.7	
82 4-Methyl-2-pentanone (MIBK)	43	5.268	5.268	0.000	92	2796268	1000.0	974.5	
$ 83 Toluene-d8 (Surr)	98	5.382	5.371	0.011	99	705632	50.0	51.4	
84 Toluene	91	5.451	5.451	0.000	93	3623588	200.0	195.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	5.725	5.725	0.000	94	1098839	200.0	211.3	
86 Ethyl methacrylate	69	5.874	5.874	0.000	85	929850	200.0	211.6	
87 1,1,2-Trichloroethane	83	5.942	5.942	0.000	97	567390	200.0	199.0	
88 Tetrachloroethene	166	6.114	6.114	0.000	97	885403	200.0	205.5	
89 1,3-Dichloropropane	76	6.148	6.148	0.000	89	1073198	200.0	206.0	
90 2-Hexanone	43	6.296	6.296	0.000	90	1799931	1000.0	1017.4	
91 Chlorodibromomethane	129	6.434	6.422	0.012	98	798722	200.0	216.4	
92 n-Butyl acetate	43	6.502	6.502	0.000	96	813079	200.0	198.5	
93 Ethylene Dibromide	107	6.559	6.559	0.000	98	700580	200.0	208.1	
S 139 1,3-Dichloropropene, Total	1				0		400.0	413.0	
* 94 Chlorobenzene-d5	117	7.211	7.211	0.000	83	506870	50.0	50.0	
95 Chlorobenzene	112	7.257	7.245	0.012	96	2263181	200.0	200.9	
96 1,1,1,2-Tetrachloroethane	131	7.382	7.382	0.000	96	890140	200.0	199.9	
97 Ethylbenzene	106	7.439	7.439	0.000	97	1263995	200.0	198.6	
98 m-Xylene & p-Xylene	106	7.622	7.611	0.011	0	1550948	200.0	202.4	
99 o-Xylene	106	8.194	8.194	0.000	93	1597038	200.0	200.5	
100 Styrene	104	8.217	8.217	0.000	97	2447546	200.0	204.7	
101 n-Butyl acrylate	73	8.240	8.239	0.001	98	532511	200.0	200.5	
102 Bromoform	173	8.445	8.445	0.000	96	483737	200.0	212.8	
103 Amyl acetate (mixed isomers)	43	8.617	8.617	0.000	92	908097	200.0	214.2	
104 Isopropylbenzene	105	8.777	8.777	0.000	95	4002277	200.0	209.5	
$ 105 4-Bromofluorobenzene	174	8.982	8.982	0.000	90	197042	50.0	52.2	
106 Bromobenzene	156	9.177	9.177	0.000	96	947502	200.0	211.0	
107 1,1,2,2-Tetrachloroethane	83	9.268	9.268	0.000	99	926401	200.0	213.8	
108 1,2,3-Trichloropropane	110	9.302	9.291	0.011	97	251899	200.0	201.4	
109 trans-1,4-Dichloro-2-butene	53	9.360	9.360	0.000	95	192613	200.0	207.5	
110 N-Propylbenzene	91	9.428	9.428	0.000	99	4828382	200.0	218.1	
111 2-Chlorotoluene	91	9.520	9.520	0.000	96	2821433	200.0	213.4	
112 4-Ethyltoluene	105	9.634	9.622	0.012	100	4040154	200.0	215.2	
113 4-Chlorotoluene	91	9.703	9.702	0.001	96	2844554	200.0	203.4	
114 1,3,5-Trimethylbenzene	105	9.748	9.737	0.011	92	3615521	200.0	217.5	
115 Butyl Methacrylate	87	10.000	10.000	0.000	83	1115424	200.0	224.6	
116 tert-Butylbenzene	119	10.240	10.228	0.012	94	3085138	200.0	222.2	
117 1,2,4-Trimethylbenzene	105	10.308	10.297	0.011	97	3677371	200.0	213.5	
118 sec-Butylbenzene	105	10.514	10.514	0.000	99	4983136	200.0	229.8	
119 1,3-Dichlorobenzene	146	10.594	10.594	0.000	97	1759321	200.0	208.1	
* 121 1,4-Dichlorobenzene-d4	152	10.674	10.674	0.000	90	240771	50.0	50.0	
120 4-Isopropyltoluene	119	10.697	10.697	0.000	98	4246892	200.0	223.0	
122 1,4-Dichlorobenzene	146	10.697	10.697	0.000	94	1731164	200.0	210.5	
166 1,2,3-Trimethylbenzene	105	10.777	10.777	0.000	99	4052535	200.0	217.2	
124 Benzyl chloride	91	10.857	10.845	0.012	99	1826380	200.0	237.6	
125 2,3-Dihydroindene	117	10.948	10.948	0.000	94	3536046	200.0	212.6	
127 1,2-Dichlorobenzene	146	11.051	11.051	0.000	98	1761714	200.0	203.1	
126 p-Diethylbenzene	119	11.074	11.074	0.000	93	2400316	200.0	213.3	
128 n-Butylbenzene	92	11.097	11.097	0.000	97	2080989	200.0	209.5	
129 1,2,4,5-Tetramethylbenzene	119	11.680	11.680	0.000	97	4238716	200.0	228.2	
130 1,2-Dibromo-3-Chloropropane	157	11.680	11.680	0.000	33	213247	200.0	211.1	
131 1,3,5-Trichlorobenzene	180	11.828	11.828	0.000	98	1556652	200.0	214.2	
132 1,2,4-Trichlorobenzene	180	12.206	12.206	0.000	94	1385531	200.0	201.2	
133 Hexachlorobutadiene	225	12.320	12.320	0.000	90	692479	200.0	223.2	
134 Naphthalene	128	12.343	12.343	0.000	99	3674957	200.0	208.1	
135 1,2,3-Trichlorobenzene	180	12.491	12.491	0.000	97	1427954	200.0	204.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		400.0	392.5	
S 137 Xylenes, Total	100				0		400.0	402.9	
S 138 Total BTEX	1				0		1000.0	986.5	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GAS Hi_00475	Amount Added:	2.00	Units: uL		
MIX I Hi_00178	Amount Added:	2.00	Units: uL		
MIX 2 Hi_00151	Amount Added:	2.00	Units: uL		
Ethanol mix_00091	Amount Added:	2.00	Units: uL		
7 Freons Hi_00016	Amount Added:	2.00	Units: uL		
ACROLEIN W_00172	Amount Added:	5.00	Units: uL		
8260ISNEW_00175	Amount Added:	1.00	Units: uL	Run Reagent	
8260SURR250_00248	Amount Added:	1.00	Units: uL	Run Reagent	

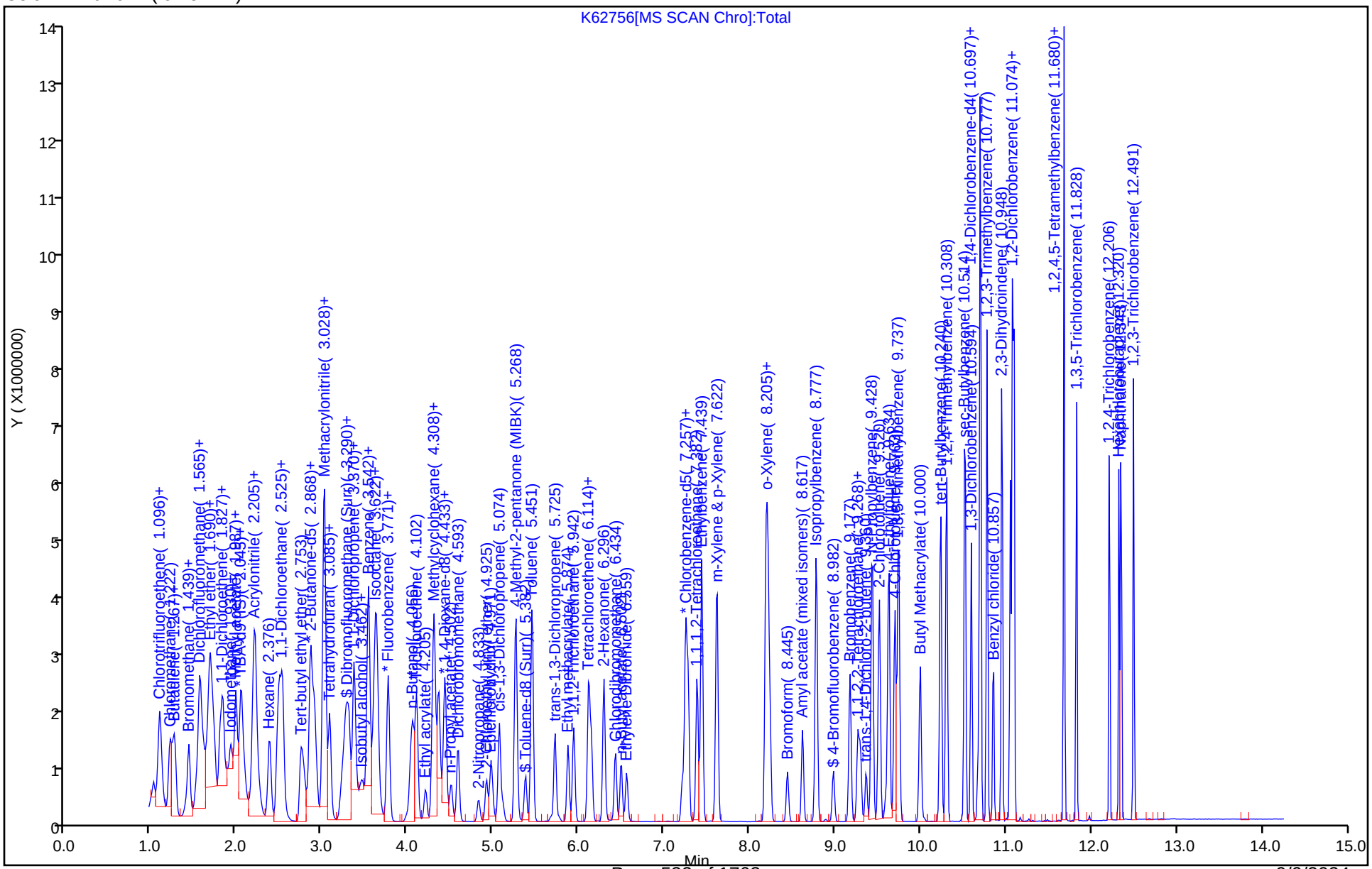
Report Date: 28-Jul-2024 12:34:03 Chrom Revision: 2.3 16-Jul-2024 14:17:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240726-178899.b\K62756.D

Injection Date:	27-Jul-2024 02:08:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	STD200			Worklist Smp#:	7
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8260S9	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



9/9/2024
1:05:41 PM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240726-178899.b\K62757.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 27-Jul-2024 02:33:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0178899-008
Operator ID: Instrument ID: CVOAMS9
Sublist: chrom-8260S9*sub55

Method: \\chromfs\Edison\ChromData\CVOAMS9\20240726-178899.b\8260S9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 28-Jul-2024 12:34:14 Calib Date: 27-Jul-2024 02:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20240726-178899.b\K62757.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1627

First Level Reviewer: N1JZ Date: 27-Jul-2024 05:45:01

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	1.073	1.096	-0.023	93	854731	500.0	499.2	
5 Dichlorodifluoromethane	85	1.096	1.107	-0.011	99	4567444	500.0	498.8	
4 Chlorodifluoromethane	67	1.096	1.119	-0.023	96	443889	500.0	526.8	
6 Chloromethane	50	1.210	1.222	-0.012	98	3998469	500.0	499.0	
8 Butadiene	54	1.267	1.244	0.023	88	2794679	500.0	579.4	
7 Vinyl chloride	62	1.267	1.279	-0.012	98	2928230	500.0	580.2	
9 Bromomethane	94	1.439	1.439	0.000	99	2334812	500.0	524.2	
10 Chloroethane	64	1.439	1.450	-0.011	73	1544304	500.0	526.2	
12 Pentane	72	1.565	1.576	-0.012	95	852785	1000.0	1162.8	
11 Dichlorofluoromethane	67	1.565	1.576	-0.012	99	4767221	500.0	535.9	
13 Trichlorofluoromethane	101	1.610	1.610	0.000	96	3431360	500.0	619.0	
14 Ethyl ether	59	1.656	1.667	-0.011	94	1281166	500.0	442.5	
15 2-Methyl-1,3-butadiene	53	1.679	1.690	-0.011	87	1670884	500.0	498.1	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.702	1.702	0.000	89	2033178	500.0	530.8	
17 Ethanol	46	1.656	1.713	-0.057	67	224089	20000	20017	M
19 1,1,1-Trifluoro-2,2-dichloroetha	83	1.736	1.725	0.011	92	3251407	500.0	530.7	a
18 Acrolein	56	1.736	1.747	-0.011	36	297346	600.0	583.0	
20 1,1-Dichloroethene	96	1.827	1.805	0.022	95	2209320	500.0	520.1	
21 Acetone	43	1.827	1.827	0.000	63	2095044	2500.0	2924.8	
22 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.839	1.839	0.000	96	2520121	500.0	557.8	
23 Iodomethane	142	1.907	1.907	0.000	97	4071784	500.0	515.8	
24 Isopropyl alcohol	45	1.885	1.907	-0.022	97	1085271	5000.0	4845.8	
25 Carbon disulfide	76	1.987	1.942	0.045	98	9888656	500.0	533.6	Ma
27 Methyl acetate	43	1.987	1.999	-0.012	95	1661805	1000.0	972.3	
28 Acetonitrile	40	1.987	1.999	-0.012	78	701496	5000.0	4224.5	
26 3-Chloro-1-propene	39	1.987	1.999	-0.012	83	1585223	500.0	440.0	
29 Cyclopentene	67	2.045	2.056	-0.011	96	4479114	500.0	505.1	
30 Methylene Chloride	84	2.056	2.067	-0.011	84	2386165	500.0	485.0	
* 31 TBA-d9 (IS)	46	2.079	2.102	-0.023	41	86138	1000.0	1000.0	M
32 2-Methyl-2-propanol	59	2.147	2.136	0.011	94	2203773	5000.0	4572.2	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Acrylonitrile	53	2.193	2.193	0.000	95	5490384	5000.0	4652.8	
35 Methyl tert-butyl ether	73	2.205	2.227	-0.022	93	5825593	500.0	498.1	
34 trans-1,2-Dichloroethene	96	2.216	2.227	-0.011	90	2276648	500.0	512.1	
36 Hexane	43	2.376	2.387	-0.011	87	1494485	500.0	515.0	
37 1,1-Dichloroethane	63	2.467	2.479	-0.012	99	3451557	500.0	497.7	
38 Vinyl acetate	86	2.490	2.502	-0.012	99	792055	1000.0	1104.7	
39 Isopropyl ether	45	2.513	2.513	0.000	85	4963092	500.0	501.7	
40 2-Chloro-1,3-butadiene	88	2.525	2.547	-0.022	88	1925354	500.0	493.1	
41 Tert-butyl ethyl ether	87	2.753	2.753	0.000	90	2746796	500.0	511.9	
* 42 2-Butanone-d5	46	2.822	2.833	-0.011	87	256561	250.0	250.0	
45 2-Butanone (MEK)	72	2.867	2.868	-0.001	100	1069876	2500.0	2447.1	
43 cis-1,2-Dichloroethene	96	2.856	2.868	-0.012	99	2466460	500.0	500.6	
44 2,2-Dichloropropane	79	2.890	2.890	0.000	91	1135896	500.0	485.7	
47 Ethyl acetate	70	2.902	2.913	-0.011	96	383088	1000.0	1020.7	
46 Propionitrile	54	2.913	2.913	0.000	94	2236424	5000.0	4970.0	
48 Methyl acrylate	55	2.936	2.936	0.000	99	1672700	500.0	448.7	a
50 Methacrylonitrile	67	3.016	3.028	-0.012	84	7124675	5000.0	4847.0	
49 Chlorobromomethane	128	3.028	3.039	-0.011	75	1096075	500.0	477.1	
51 Tetrahydrofuran	72	3.073	3.085	-0.012	82	495321	1000.0	932.0	
52 Chloroform	83	3.085	3.096	-0.011	99	3663132	500.0	487.9	
$ 53 Dibromofluoromethane (Surr)	113	3.210	3.210	0.000	96	170656	50.0	49.3	
54 1,1,1-Trichloroethane	97	3.256	3.256	0.000	97	3600605	500.0	534.5	
55 Cyclohexane	84	3.313	3.302	0.011	85	3916521	500.0	539.8	M
56 1,1-Dichloropropene	75	3.359	3.370	-0.011	97	2904901	500.0	498.3	
57 Carbon tetrachloride	117	3.382	3.382	0.000	95	3080405	500.0	548.1	
59 Isobutyl alcohol	74	3.462	3.462	0.000	97	236495	12500	12324	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.473	3.485	-0.012	0	168940	50.0	50.5	
60 Benzene	78	3.530	3.542	-0.012	93	8925660	500.0	438.7	
61 1,2-Dichloroethane	62	3.542	3.542	0.000	96	2350054	500.0	477.0	
63 Isopropyl acetate	61	3.588	3.599	-0.011	96	652884	500.0	406.5	a
62 Isooctane	57	3.633	3.610	0.023	99	8983027	500.0	499.8	
64 Tert-amyl methyl ether	73	3.633	3.633	0.000	90	6414945	500.0	512.9	
66 n-Heptane	43	3.770	3.770	0.000	83	2533114	500.0	492.2	
* 65 Fluorobenzene	96	3.770	3.770	0.000	49	716901	50.0	50.0	
67 n-Butanol	56	4.045	4.045	0.000	81	1388580	12500	11937	
68 Trichloroethene	95	4.102	4.102	0.000	98	2390761	500.0	520.5	
69 Ethyl acrylate	55	4.205	4.205	0.000	98	1944489	500.0	528.3	
70 Methylcyclohexane	83	4.308	4.296	0.012	91	4698323	500.0	584.8	
71 1,2-Dichloropropane	63	4.319	4.319	0.000	93	2027463	500.0	522.4	
* 72 1,4-Dioxane-d8	96	4.422	4.411	0.011	30	36608	1000.0	1000.0	
73 Dibromomethane	93	4.422	4.422	0.000	98	1330843	500.0	504.8	
75 Methyl methacrylate	69	4.445	4.433	0.012	81	2444535	1000.0	1029.2	
74 1,4-Dioxane	88	4.445	4.456	-0.011	85	416858	10000	7129.6	
76 n-Propyl acetate	43	4.502	4.513	-0.011	96	1839876	500.0	477.0	
77 Dichlorobromomethane	83	4.593	4.593	0.000	98	2918749	500.0	545.0	
78 2-Nitropropane	41	4.833	4.833	0.000	96	702661	1000.0	931.1	
79 2-Chloroethyl vinyl ether	63	4.925	4.925	0.000	91	1142028	501.2	507.4	
80 Epichlorohydrin	57	4.982	4.971	0.011	98	3677807	10000	10646	
81 cis-1,3-Dichloropropene	75	5.073	5.073	0.000	88	3500466	500.0	479.1	
82 4-Methyl-2-pentanone (MIBK)	43	5.268	5.268	0.000	91	6653625	2500.0	2468.2	
$ 83 Toluene-d8 (Surr)	98	5.382	5.371	0.011	99	708971	50.0	45.4	
84 Toluene	91	5.451	5.451	0.000	92	9790852	500.0	463.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	5.725	5.725	0.000	94	2926132	500.0	494.7	
86 Ethyl methacrylate	69	5.874	5.874	0.000	85	2415089	500.0	483.3	
87 1,1,2-Trichloroethane	83	5.942	5.942	0.000	96	1482598	500.0	457.3	
88 Tetrachloroethene	166	6.114	6.114	0.000	96	2364733	500.0	482.7	
89 1,3-Dichloropropane	76	6.148	6.148	0.000	88	2867840	500.0	484.2	
90 2-Hexanone	43	6.296	6.296	0.000	91	4415922	2500.0	2656.9	
91 Chlorodibromomethane	129	6.434	6.422	0.012	97	2146930	500.0	511.4	
92 n-Butyl acetate	43	6.502	6.502	0.000	96	1981888	500.0	425.6	
93 Ethylene Dibromide	107	6.559	6.559	0.000	98	1871211	500.0	488.9	
S 139 1,3-Dichloropropene, Total	1				0		1000.0	973.8	
* 94 Chlorobenzene-d5	117	7.211	7.211	0.000	82	576361	50.0	50.0	
95 Chlorobenzene	112	7.257	7.245	0.011	96	6398995	500.0	499.6	
96 1,1,1,2-Tetrachloroethane	131	7.394	7.382	0.012	96	2449256	500.0	483.7	
97 Ethylbenzene	106	7.439	7.439	0.000	98	3512993	500.0	485.5	
98 m-Xylene & p-Xylene	106	7.622	7.611	0.011	0	4388323	500.0	503.7	
99 o-Xylene	106	8.194	8.194	0.000	94	4421587	500.0	488.1	
100 Styrene	104	8.217	8.217	0.000	96	6943967	500.0	510.6	
101 n-Butyl acrylate	73	8.239	8.239	0.000	98	1393502	500.0	461.5	
102 Bromoform	173	8.445	8.445	0.000	96	1314688	500.0	508.6	
103 Amyl acetate (mixed isomers)	43	8.617	8.617	0.000	93	2248202	500.0	439.6	
104 Isopropylbenzene	105	8.788	8.777	0.011	94	10851763	500.0	499.6	
$ 105 4-Bromofluorobenzene	174	8.982	8.982	0.000	92	206453	50.0	48.1	
106 Bromobenzene	156	9.177	9.177	0.000	97	2520620	500.0	465.4	
107 1,1,2,2-Tetrachloroethane	83	9.268	9.268	0.000	99	2448576	500.0	468.5	
108 1,2,3-Trichloropropane	110	9.302	9.291	0.011	96	638247	500.0	423.0	
109 trans-1,4-Dichloro-2-butene	53	9.371	9.360	0.011	95	502684	500.0	448.9	
110 N-Propylbenzene	91	9.440	9.428	0.012	99	13793741	500.0	516.7	
111 2-Chlorotoluene	91	9.520	9.520	0.000	96	8048615	500.0	504.8	
112 4-Ethyltoluene	105	9.634	9.622	0.012	100	11272790	500.0	497.8	
113 4-Chlorotoluene	91	9.702	9.702	0.000	96	8116465	500.0	481.1	
114 1,3,5-Trimethylbenzene	105	9.748	9.737	0.011	92	10441524	500.0	520.9	
115 Butyl Methacrylate	87	10.000	10.000	0.000	83	3046317	500.0	508.6	
116 tert-Butylbenzene	119	10.240	10.228	0.012	94	9049435	500.0	540.3	
117 1,2,4-Trimethylbenzene	105	10.308	10.297	0.011	97	10618266	500.0	511.2	
118 sec-Butylbenzene	105	10.525	10.514	0.011	98	13441323	500.0	514.0	e
119 1,3-Dichlorobenzene	146	10.605	10.594	0.011	98	5131744	500.0	503.4	
* 121 1,4-Dichlorobenzene-d4	152	10.674	10.674	0.000	88	290392	50.0	50.0	
120 4-Isopropyltoluene	119	10.708	10.697	0.011	98	11808604	500.0	514.1	e
122 1,4-Dichlorobenzene	146	10.697	10.697	0.000	95	4926764	500.0	496.6	
166 1,2,3-Trimethylbenzene	105	10.788	10.777	0.011	100	11687638	500.0	519.4	e
124 Benzyl chloride	91	10.857	10.845	0.012	99	5119208	500.0	552.2	
125 2,3-Dihydroindene	117	10.960	10.948	0.012	94	9924057	500.0	494.8	
127 1,2-Dichlorobenzene	146	11.051	11.051	0.000	97	4972672	500.0	475.3	
126 p-Diethylbenzene	119	11.074	11.074	0.000	93	6974792	500.0	513.8	
128 n-Butylbenzene	92	11.097	11.097	0.000	96	6192434	500.0	517.0	e
129 1,2,4,5-Tetramethylbenzene	119	11.680	11.680	0.000	98	9523009	500.0	425.1	e
130 1,2-Dibromo-3-Chloropropane	157	11.680	11.680	0.000	95	570416	500.0	468.1	
131 1,3,5-Trichlorobenzene	180	11.828	11.828	0.000	98	4117155	500.0	469.6	
132 1,2,4-Trichlorobenzene	180	12.217	12.206	0.011	94	4032026	500.0	485.5	
133 Hexachlorobutadiene	225	12.331	12.320	0.011	94	1940657	500.0	518.7	
134 Naphthalene	128	12.354	12.343	0.011	97	8141136	500.0	382.3	e
135 1,2,3-Trichlorobenzene	180	12.503	12.491	0.012	97	3867298	500.0	458.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		1000.0	1012.7	
S 137 Xylenes, Total	100				0		1000.0	991.8	
S 138 Total BTEX	1				0		2500.0	2379.7	

QC Flag Legend

Processing Flags
- e - Potential Peak Saturated

Review Flags
- M - Manually Integrated
- a - User Assigned ID

Reagents:

GAS Hi_00475	Amount Added:	5.00	Units: uL		
MIX I Hi_00178	Amount Added:	5.00	Units: uL		
MIX 2 Hi_00151	Amount Added:	5.00	Units: uL		
Ethanol mix_00091	Amount Added:	5.00	Units: uL		
7 Freons Hi_00016	Amount Added:	5.00	Units: uL		
ACROLEIN W_00172	Amount Added:	6.00	Units: uL		
8260ISNEW_00175	Amount Added:	1.00	Units: uL	Run Reagent	
8260SURR250_00248	Amount Added:	1.00	Units: uL	Run Reagent	

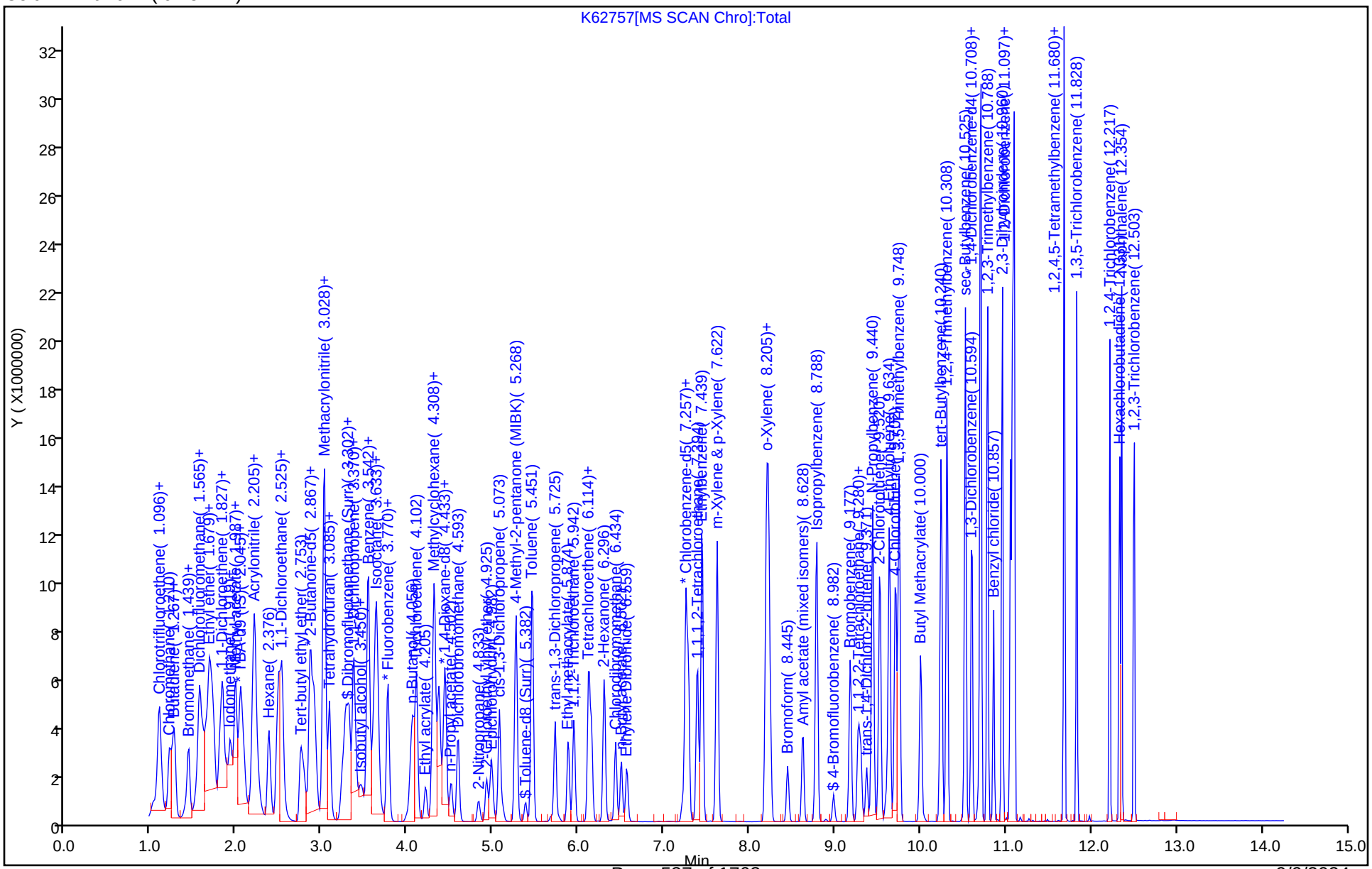
Report Date: 28-Jul-2024 12:34:15 Chrom Revision: 2.3 16-Jul-2024 14:17:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240726-178899.b\K62757.D

Injection Date:	27-Jul-2024 02:33:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	STD500			Worklist Smp#:	8
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8260S9	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



9/9/2024
1:05:41 PM

Calibration / Chlorotrifluoroethene

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

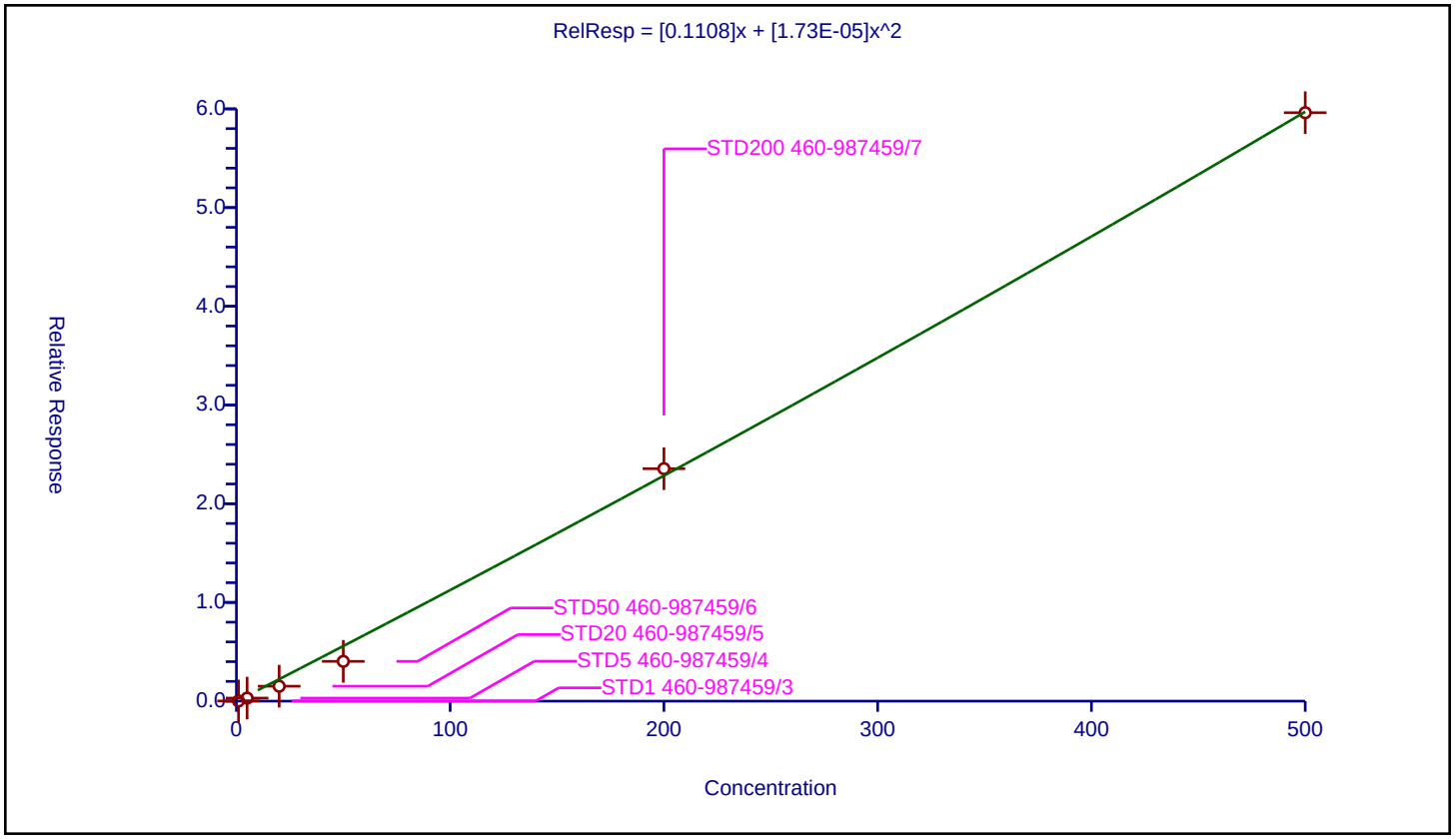
Curve Coefficients

Intercept:	0
Slope:	0.1108
Second Order:	1.73E-05

Error Coefficients

Relative Standard Deviation:	52.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	0.016474	50.0	685949.0	0.016474	Y
2	STD5 460-987459/4	5.0	0.309448	50.0	711104.0	0.06189	Y
3	STD20 460-987459/5	20.0	1.513653	50.0	744259.0	0.075683	Y
4	STD50 460-987459/6	50.0	4.030681	50.0	730559.0	0.080614	Y
5	STD200 460-987459/7	200.0	23.551347	50.0	695215.0	0.117757	Y
6	STD500 460-987459/8	500.0	59.612903	50.0	716901.0	0.119226	Y



9/9/2024
1:05:41 PM

Calibration / Dichlorodifluoromethane

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

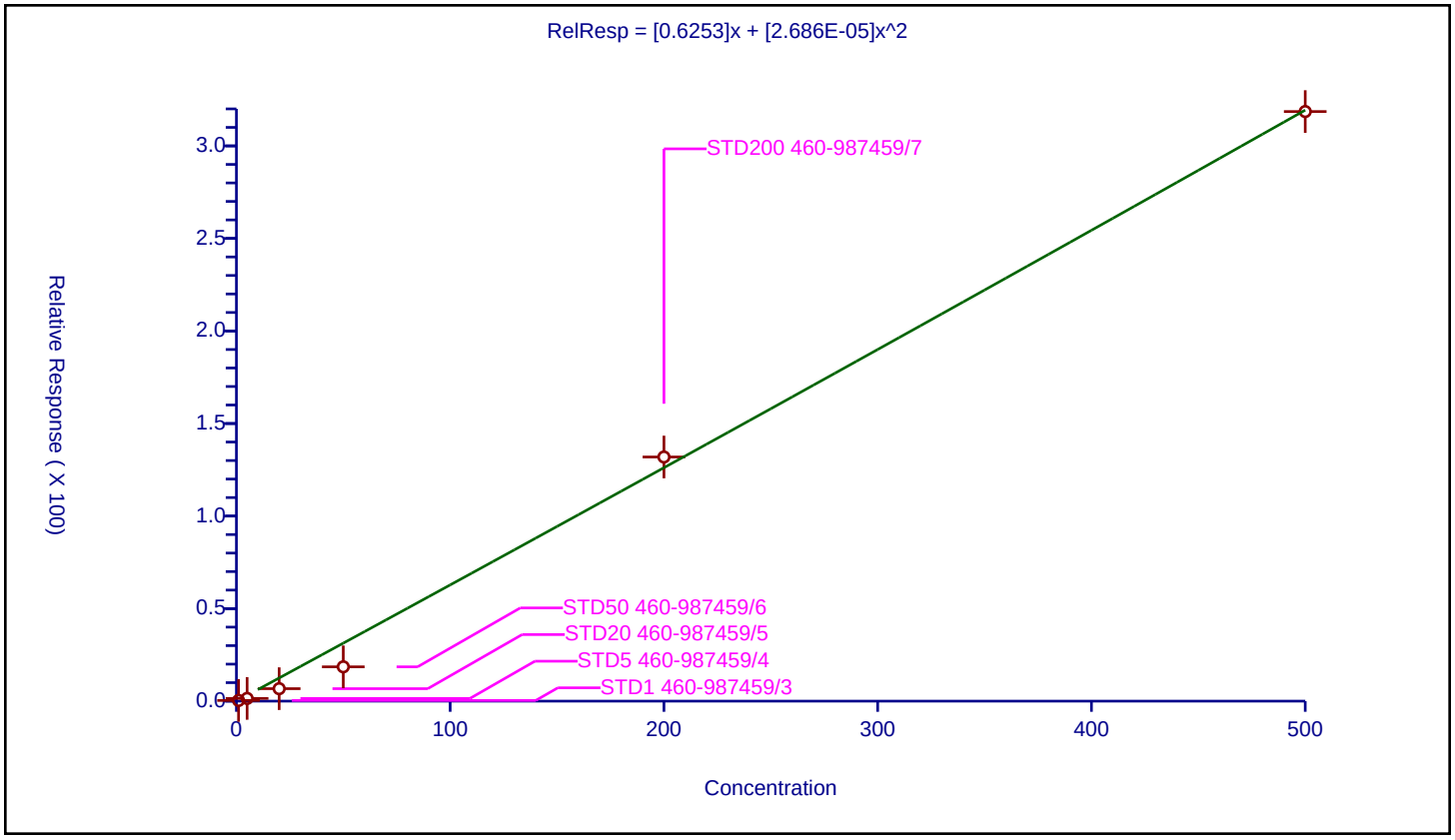
Curve Coefficients

Intercept:	0
Slope:	0.6253
Second Order:	2.686E-05

Error Coefficients

Relative Standard Deviation:	45.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	0.361616	50.0	685949.0	0.361616	Y
2	STD5 460-987459/4	5.0	1.47489	50.0	711104.0	0.294978	Y
3	STD20 460-987459/5	20.0	6.739925	50.0	744259.0	0.336996	Y
4	STD50 460-987459/6	50.0	18.547373	50.0	730559.0	0.370947	Y
5	STD200 460-987459/7	200.0	131.913725	50.0	695215.0	0.659569	Y
6	STD500 460-987459/8	500.0	318.554724	50.0	716901.0	0.637109	Y



9/9/2024
1:05:41 PM

Calibration / Chlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

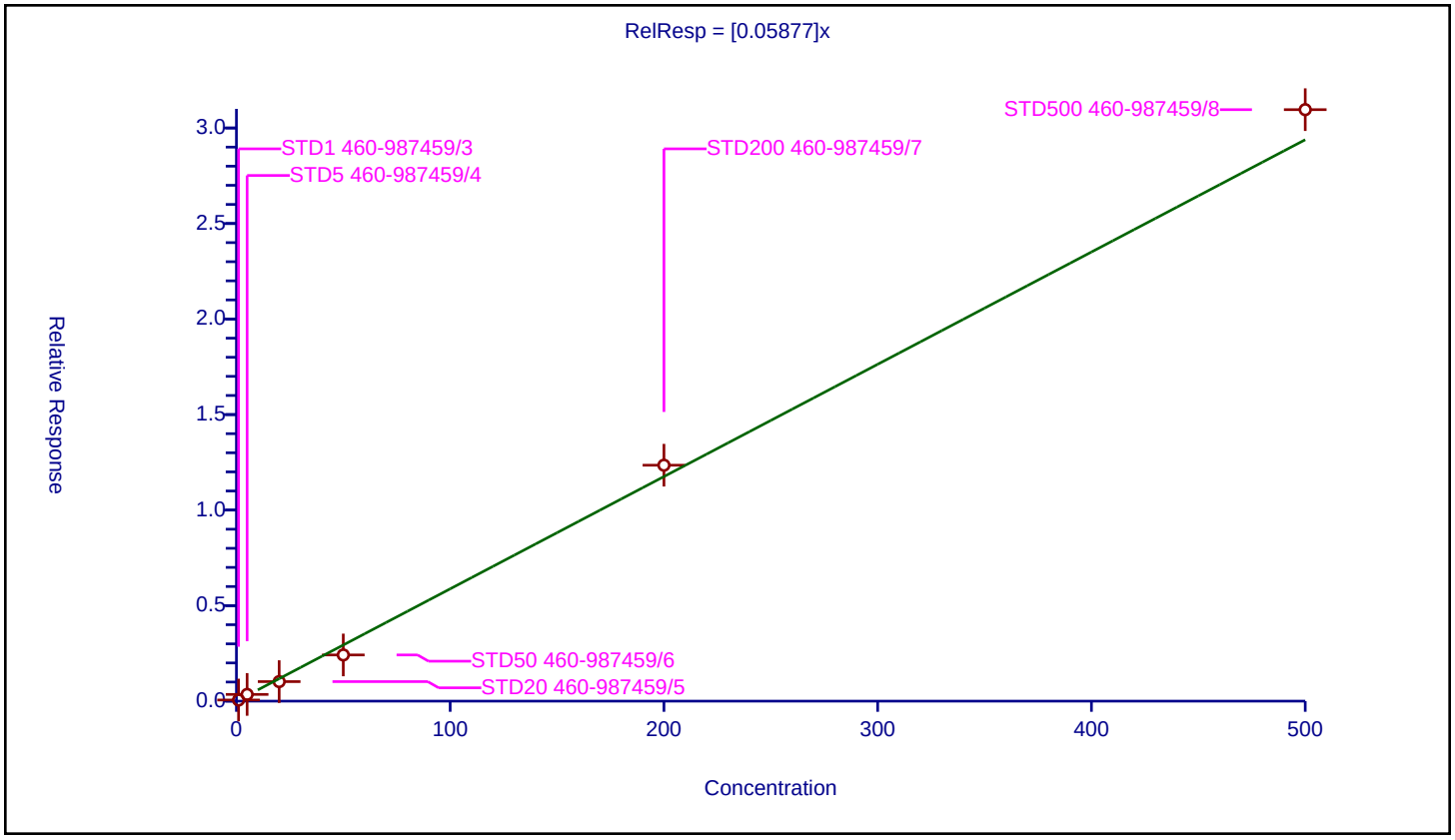
Curve Coefficients

Intercept:	0
Slope:	0.05877

Error Coefficients

Relative Standard Deviation:	13.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	0.059042	50.0	685949.0	0.059042	Y
2	STD5 460-987459/4	5.0	0.351988	50.0	711104.0	0.070398	Y
3	STD20 460-987459/5	20.0	1.023165	50.0	744259.0	0.051158	Y
4	STD50 460-987459/6	50.0	2.418559	50.0	730559.0	0.048371	Y
5	STD200 460-987459/7	200.0	12.349633	50.0	695215.0	0.061748	Y
6	STD500 460-987459/8	500.0	30.958877	50.0	716901.0	0.061918	Y



Calibration / Chloromethane

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

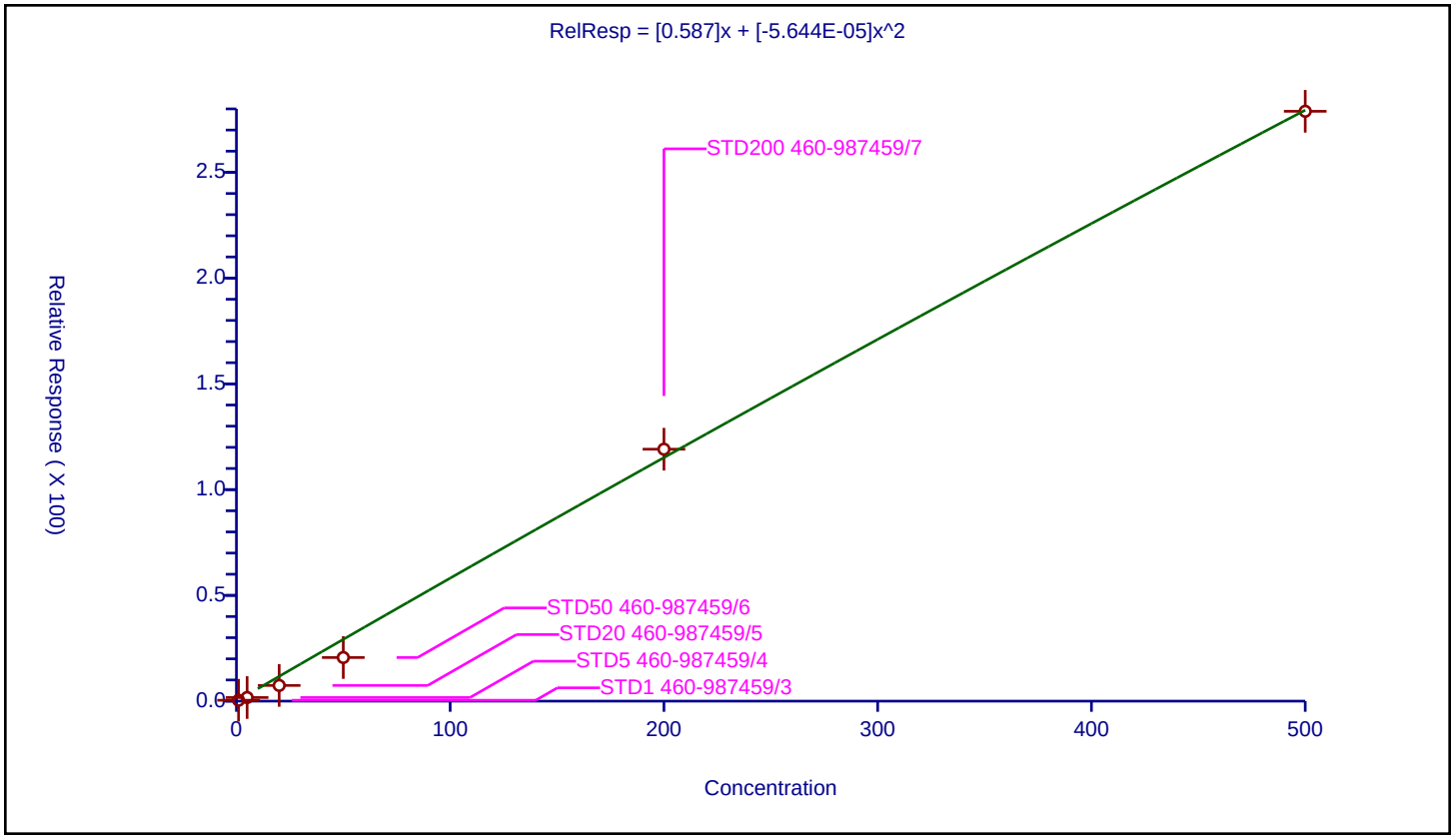
Curve Coefficients

Intercept:	0
Slope:	0.587
Second Order:	-5.644E-05

Error Coefficients

Relative Standard Deviation:	34.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	0.426854	50.0	685949.0	0.426854	Y
2	STD5 460-987459/4	5.0	1.708259	50.0	711104.0	0.341652	Y
3	STD20 460-987459/5	20.0	7.425842	50.0	744259.0	0.371292	Y
4	STD50 460-987459/6	50.0	20.622359	50.0	730559.0	0.412447	Y
5	STD200 460-987459/7	200.0	119.110851	50.0	695215.0	0.595554	Y
6	STD500 460-987459/8	500.0	278.871769	50.0	716901.0	0.557744	Y



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Calibration / Butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

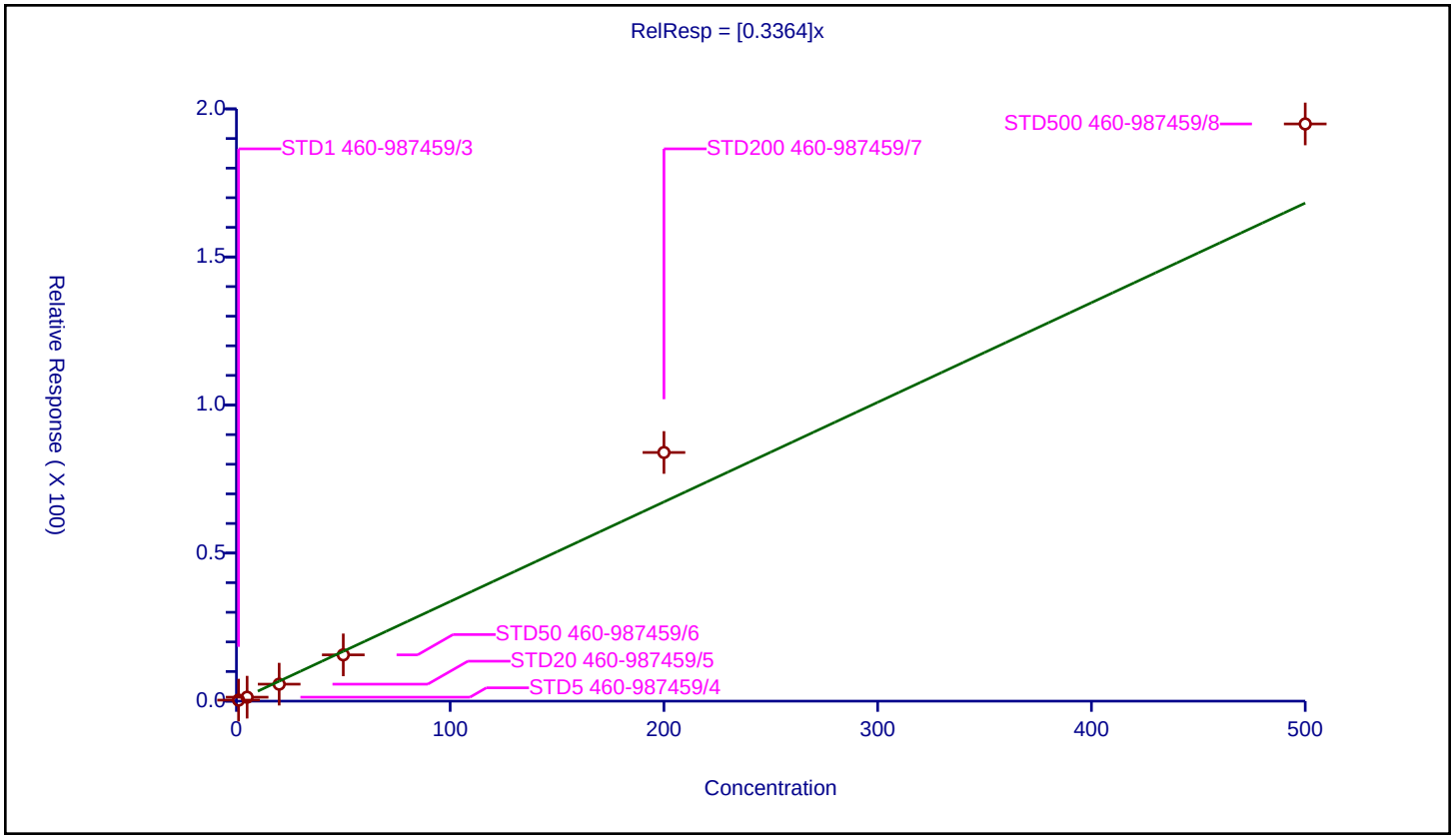
Curve Coefficients

Intercept:	0
Slope:	0.3364

Error Coefficients

Relative Standard Deviation:	17.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	0.3423	50.0	685949.0	0.3423	Y
2	STD5 460-987459/4	5.0	1.335529	50.0	711104.0	0.267106	Y
3	STD20 460-987459/5	20.0	5.732749	50.0	744259.0	0.286637	Y
4	STD50 460-987459/6	50.0	15.629196	50.0	730559.0	0.312584	Y
5	STD200 460-987459/7	200.0	83.971937	50.0	695215.0	0.41986	Y
6	STD500 460-987459/8	500.0	194.913872	50.0	716901.0	0.389828	Y



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Calibration / Vinyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

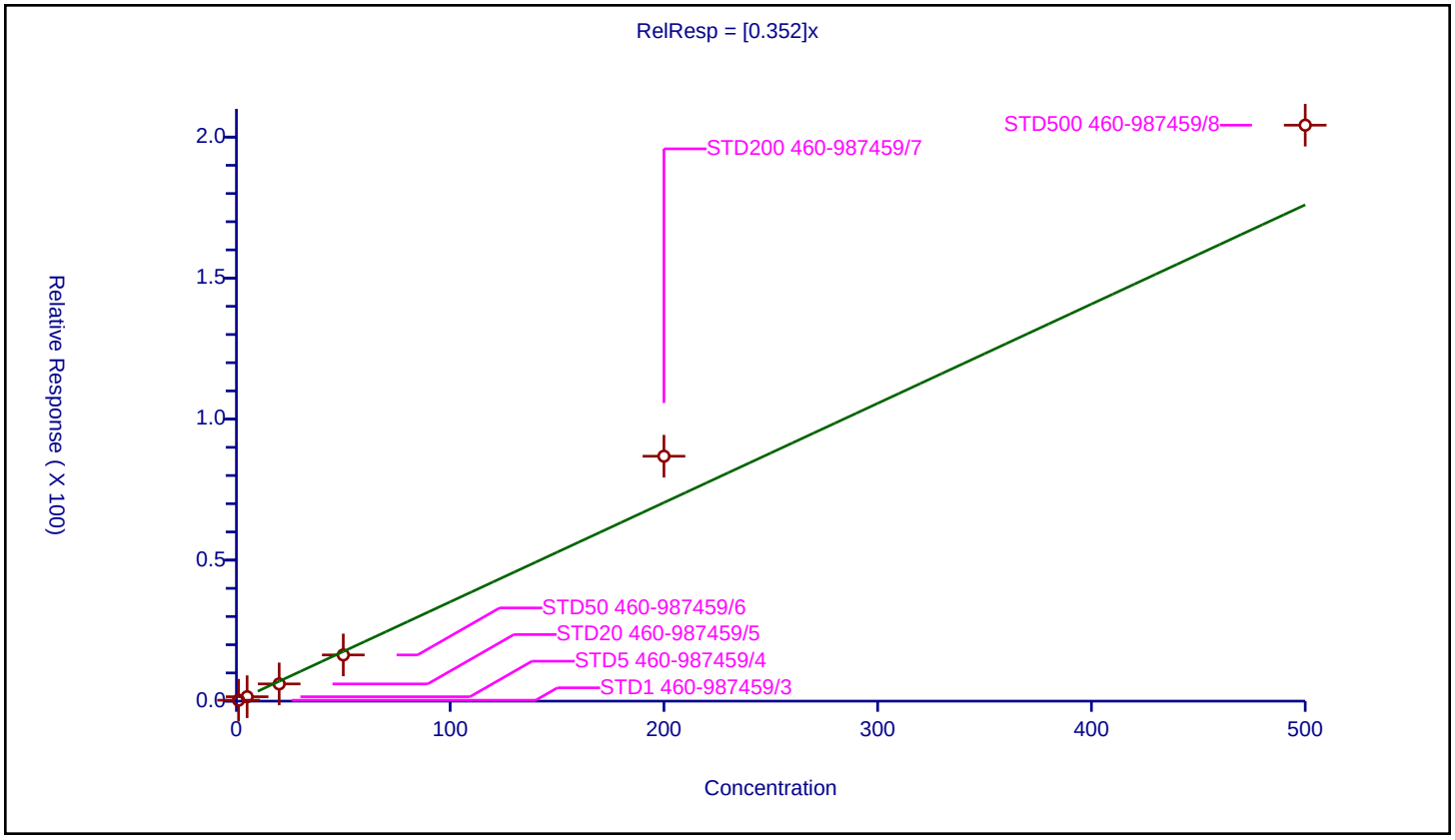
Curve Coefficients

Intercept:	0
Slope:	0.352

Error Coefficients

Relative Standard Deviation:	15.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	0.32291	50.0	685949.0	0.32291	Y
2	STD5 460-987459/4	5.0	1.567211	50.0	711104.0	0.313442	Y
3	STD20 460-987459/5	20.0	6.104931	50.0	744259.0	0.305247	Y
4	STD50 460-987459/6	50.0	16.38006	50.0	730559.0	0.327601	Y
5	STD200 460-987459/7	200.0	86.844214	50.0	695215.0	0.434221	Y
6	STD500 460-987459/8	500.0	204.228338	50.0	716901.0	0.408457	Y



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Calibration / Bromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

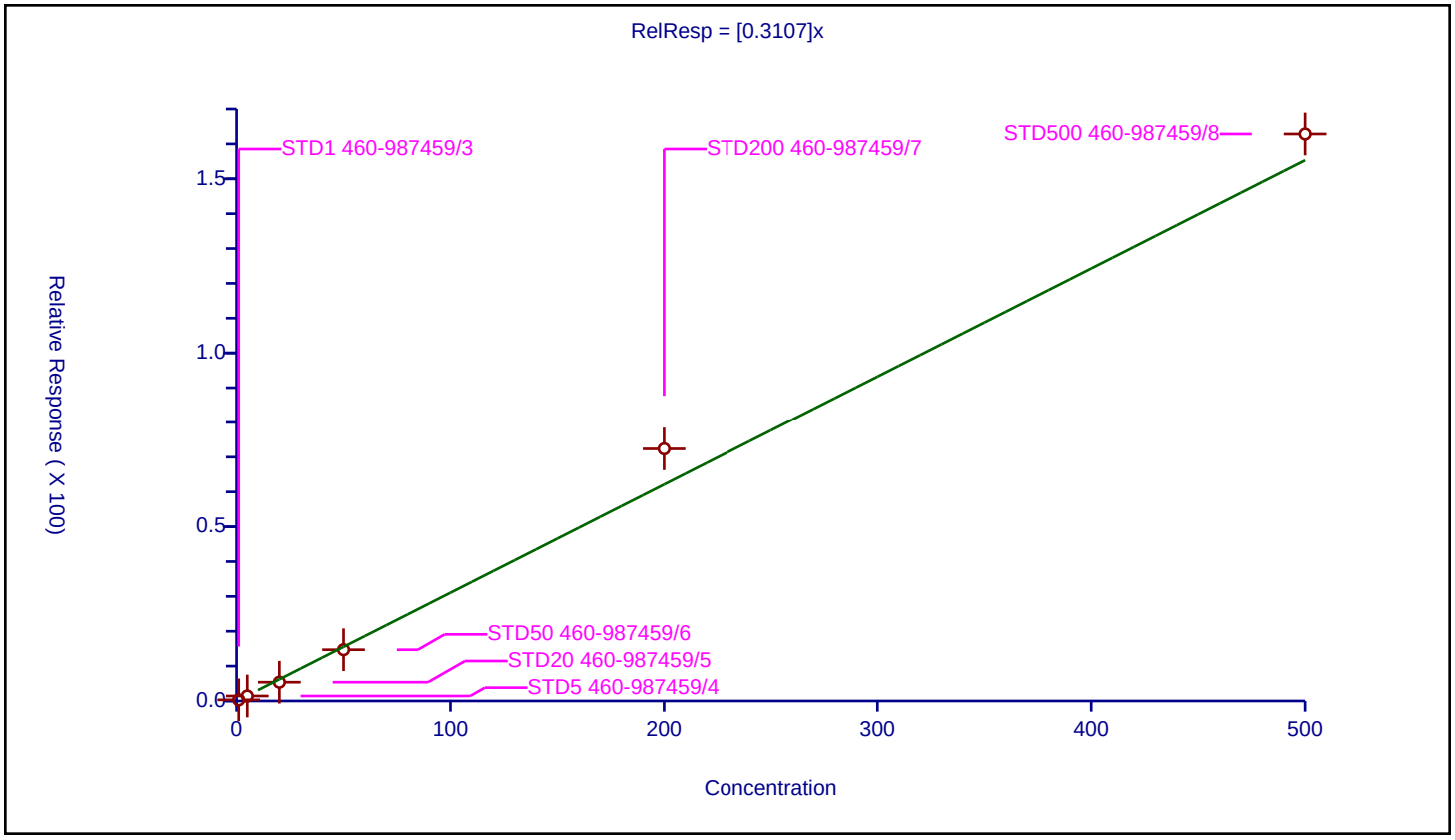
Curve Coefficients

Intercept:	0
Slope:	0.3107

Error Coefficients

Relative Standard Deviation:	10.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	0.326409	50.0	685949.0	0.326409	Y
2	STD5 460-987459/4	5.0	1.432913	50.0	711104.0	0.286583	Y
3	STD20 460-987459/5	20.0	5.385289	50.0	744259.0	0.269264	Y
4	STD50 460-987459/6	50.0	14.70552	50.0	730559.0	0.29411	Y
5	STD200 460-987459/7	200.0	72.386312	50.0	695215.0	0.361932	Y
6	STD500 460-987459/8	500.0	162.840615	50.0	716901.0	0.325681	Y



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Calibration / Chloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

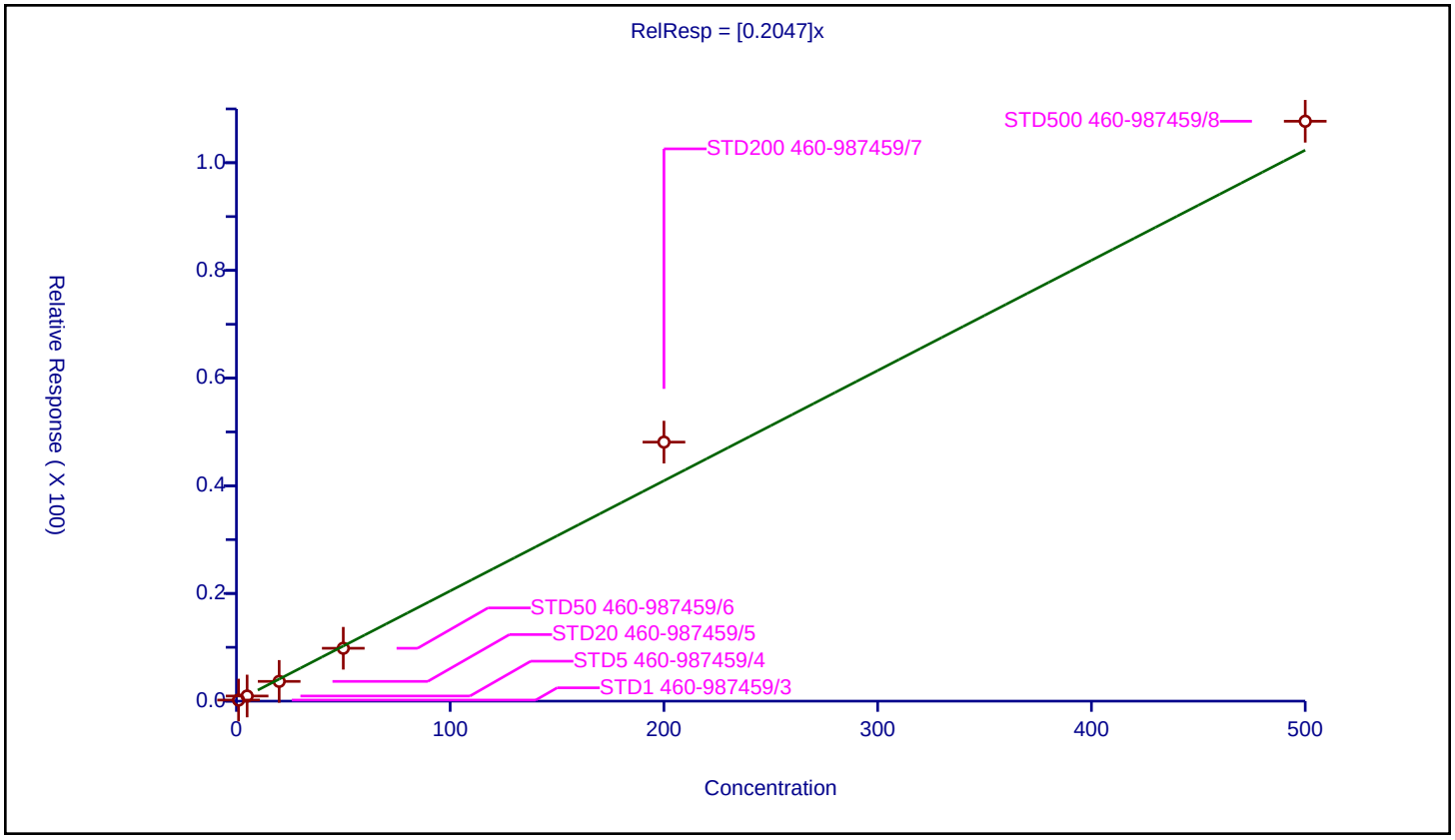
Curve Coefficients

Intercept:	0
Slope:	0.2047

Error Coefficients

Relative Standard Deviation:	10.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	0.201473	50.0	685949.0	0.201473	Y
2	STD5 460-987459/4	5.0	0.953236	50.0	711104.0	0.190647	Y
3	STD20 460-987459/5	20.0	3.670429	50.0	744259.0	0.183521	Y
4	STD50 460-987459/6	50.0	9.8233	50.0	730559.0	0.196466	Y
5	STD200 460-987459/7	200.0	48.110584	50.0	695215.0	0.240553	Y
6	STD500 460-987459/8	500.0	107.706922	50.0	716901.0	0.215414	Y



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Calibration / Pentane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

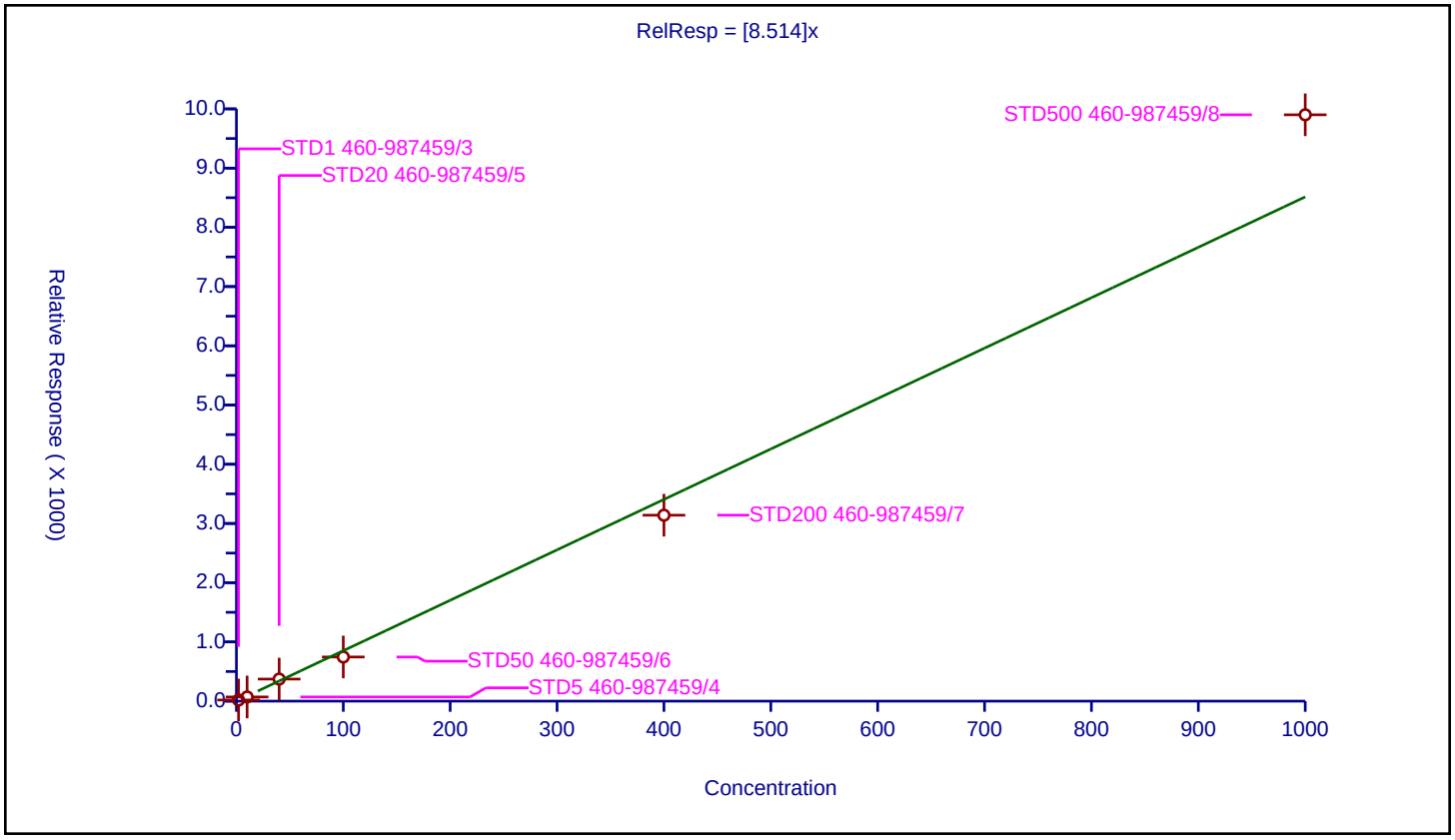
Curve Coefficients

Intercept:	0
Slope:	8.514

Error Coefficients

Relative Standard Deviation:	14.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	2.0	19.028211	1000.0	78515.0	9.514106	Y
2	STD5 460-987459/4	10.0	70.512956	1000.0	94862.0	7.051296	Y
3	STD20 460-987459/5	40.0	372.698228	1000.0	86075.0	9.317456	Y
4	STD50 460-987459/6	100.0	745.416177	1000.0	100462.0	7.454162	Y
5	STD200 460-987459/7	400.0	3139.581256	1000.0	94282.0	7.848953	Y
6	STD500 460-987459/8	1000.0	9900.218254	1000.0	86138.0	9.900218	Y



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Calibration / Dichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

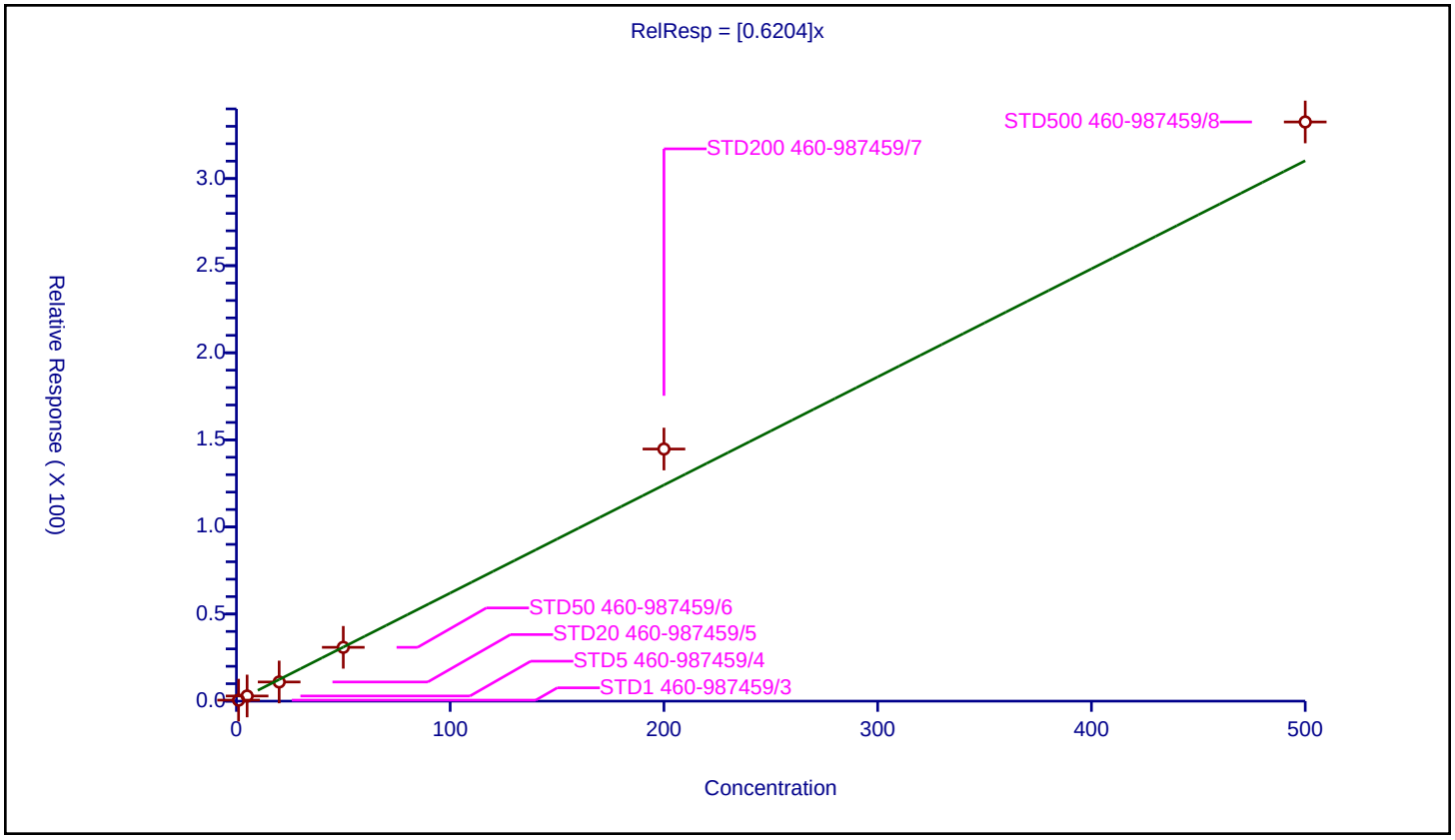
Curve Coefficients

Intercept:	0
Slope:	0.6204

Error Coefficients

Relative Standard Deviation:	10.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	0.574751	50.0	685949.0	0.574751	Y
2	STD5 460-987459/4	5.0	2.958217	50.0	711104.0	0.591643	Y
3	STD20 460-987459/5	20.0	10.996777	50.0	744259.0	0.549839	Y
4	STD50 460-987459/6	50.0	30.889702	50.0	730559.0	0.617794	Y
5	STD200 460-987459/7	200.0	144.736233	50.0	695215.0	0.723681	Y
6	STD500 460-987459/8	500.0	332.488098	50.0	716901.0	0.664976	Y



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Calibration / Trichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

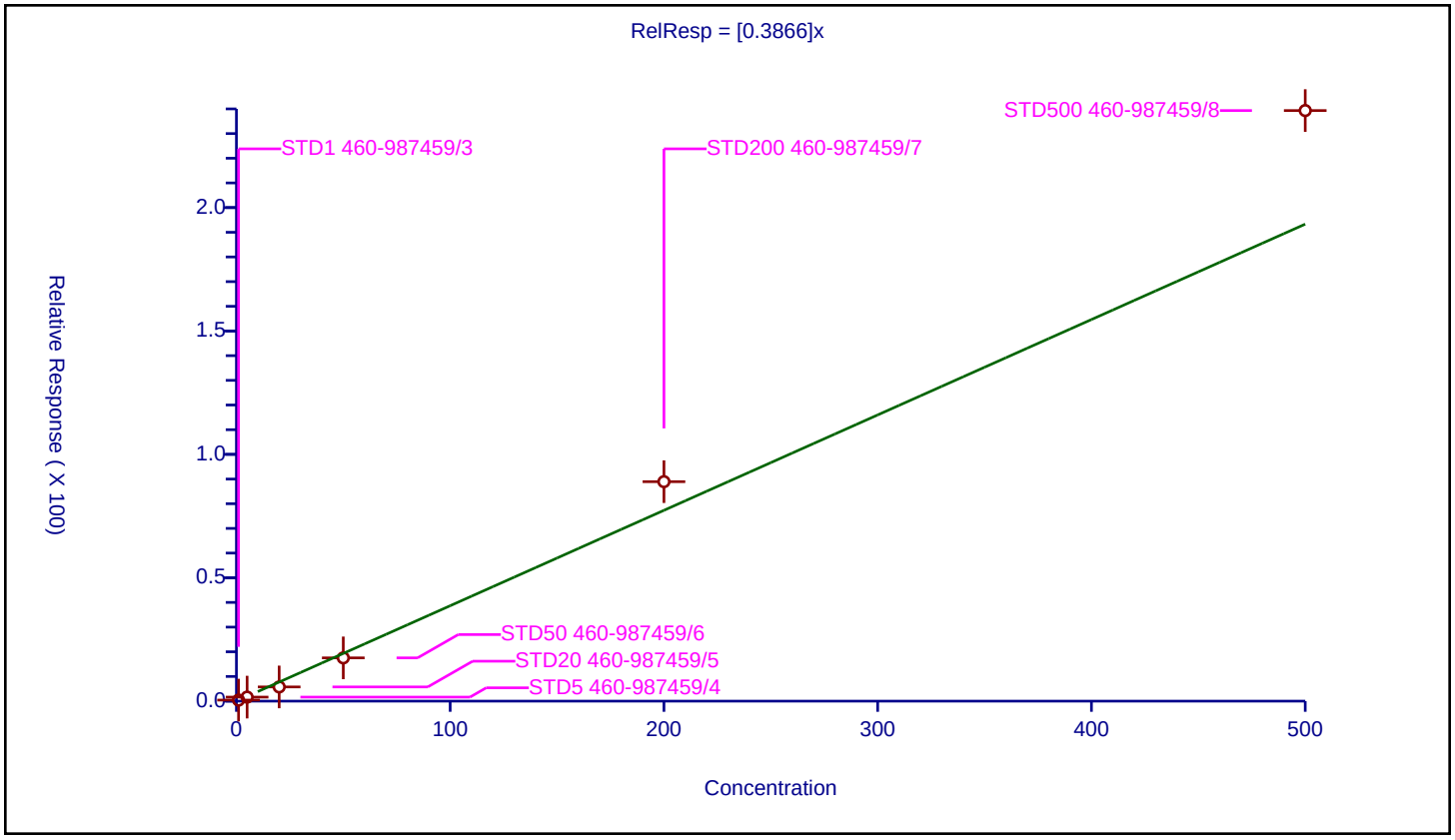
Curve Coefficients

Intercept:	0
Slope:	0.3866

Error Coefficients

Relative Standard Deviation:	19.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	0.43028	50.0	685949.0	0.43028	Y
2	STD5 460-987459/4	5.0	1.636259	50.0	711104.0	0.327252	Y
3	STD20 460-987459/5	20.0	5.760696	50.0	744259.0	0.288035	Y
4	STD50 460-987459/6	50.0	17.534176	50.0	730559.0	0.350684	Y
5	STD200 460-987459/7	200.0	88.942989	50.0	695215.0	0.444715	Y
6	STD500 460-987459/8	500.0	239.318958	50.0	716901.0	0.478638	Y



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Calibration / Ethanol

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

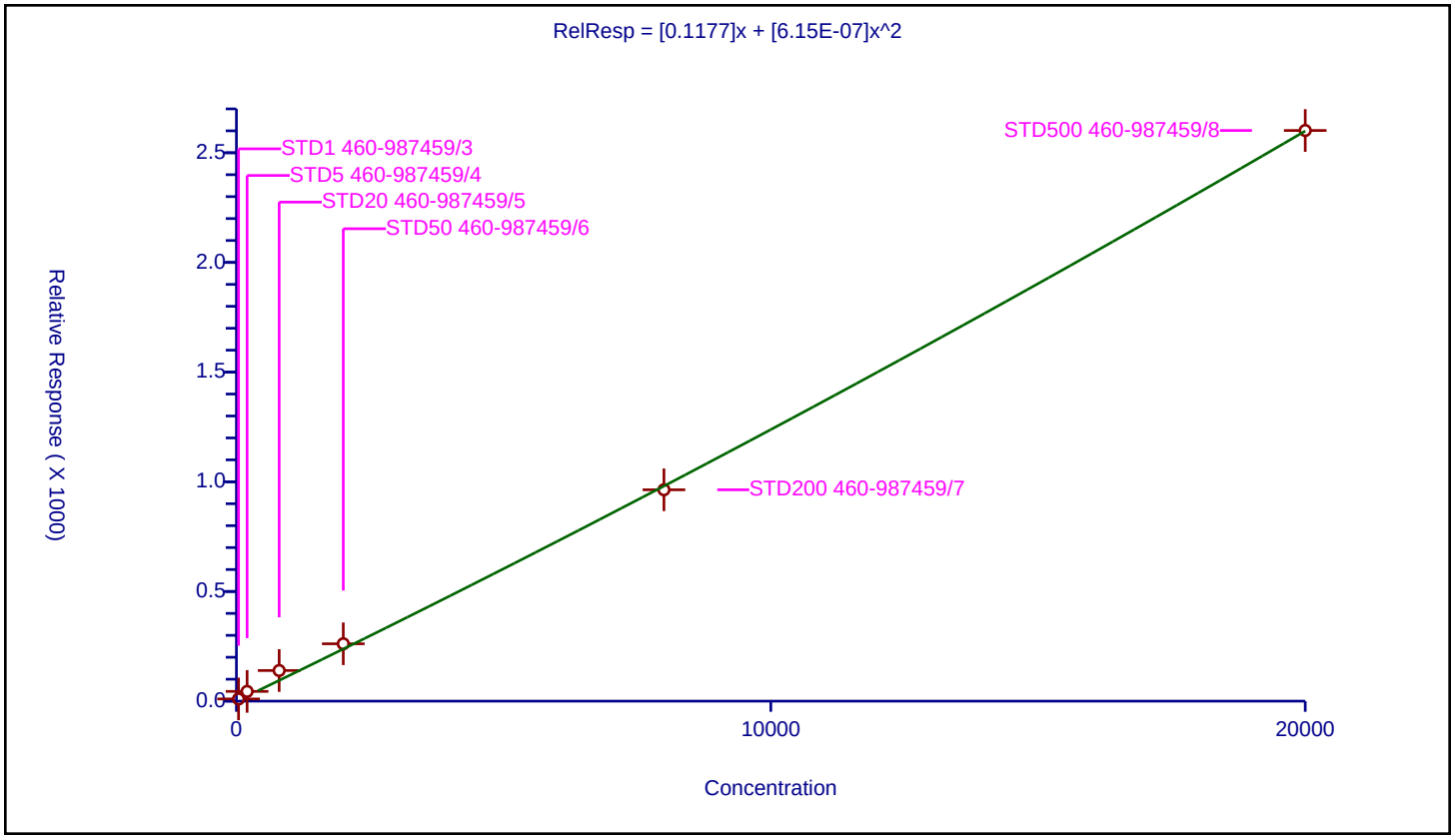
Curve Coefficients

Intercept:	0
Slope:	0.1177
Second Order:	6.15E-07

Error Coefficients

Relative Standard Deviation:	75.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	40.0	10.023562	1000.0	78515.0	0.250589	Y
2	STD5 460-987459/4	200.0	44.432966	1000.0	94862.0	0.222165	Y
3	STD20 460-987459/5	800.0	139.52948	1000.0	86075.0	0.174412	Y
4	STD50 460-987459/6	2000.0	261.511815	1000.0	100462.0	0.130756	Y
5	STD200 460-987459/7	8000.0	963.58796	1000.0	94282.0	0.120448	Y
6	STD500 460-987459/8	20000.0	2601.511528	1000.0	86138.0	0.130076	Y



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Calibration / Ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

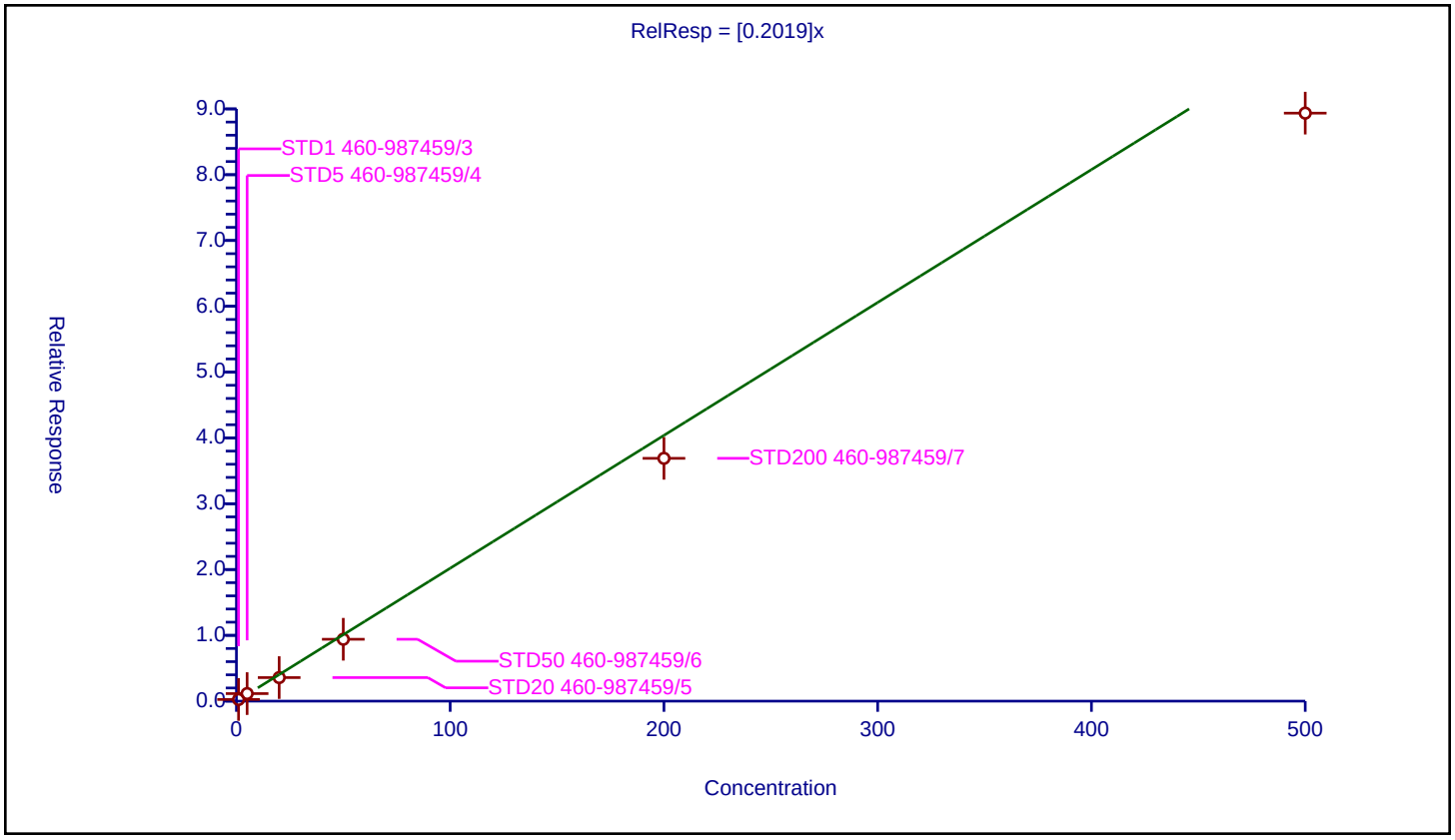
Curve Coefficients

Intercept:	0
Slope:	0.2019

Error Coefficients

Relative Standard Deviation:	15.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	0.251695	50.0	685949.0	0.251695	Y
2	STD5 460-987459/4	5.0	1.148074	50.0	711104.0	0.229615	Y
3	STD20 460-987459/5	20.0	3.579063	50.0	744259.0	0.178953	Y
4	STD50 460-987459/6	50.0	9.405743	50.0	730559.0	0.188115	Y
5	STD200 460-987459/7	200.0	36.896572	50.0	695215.0	0.184483	Y
6	STD500 460-987459/8	500.0	89.354458	50.0	716901.0	0.178709	Y



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Calibration / 2-Methyl-1,3-butadiene

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

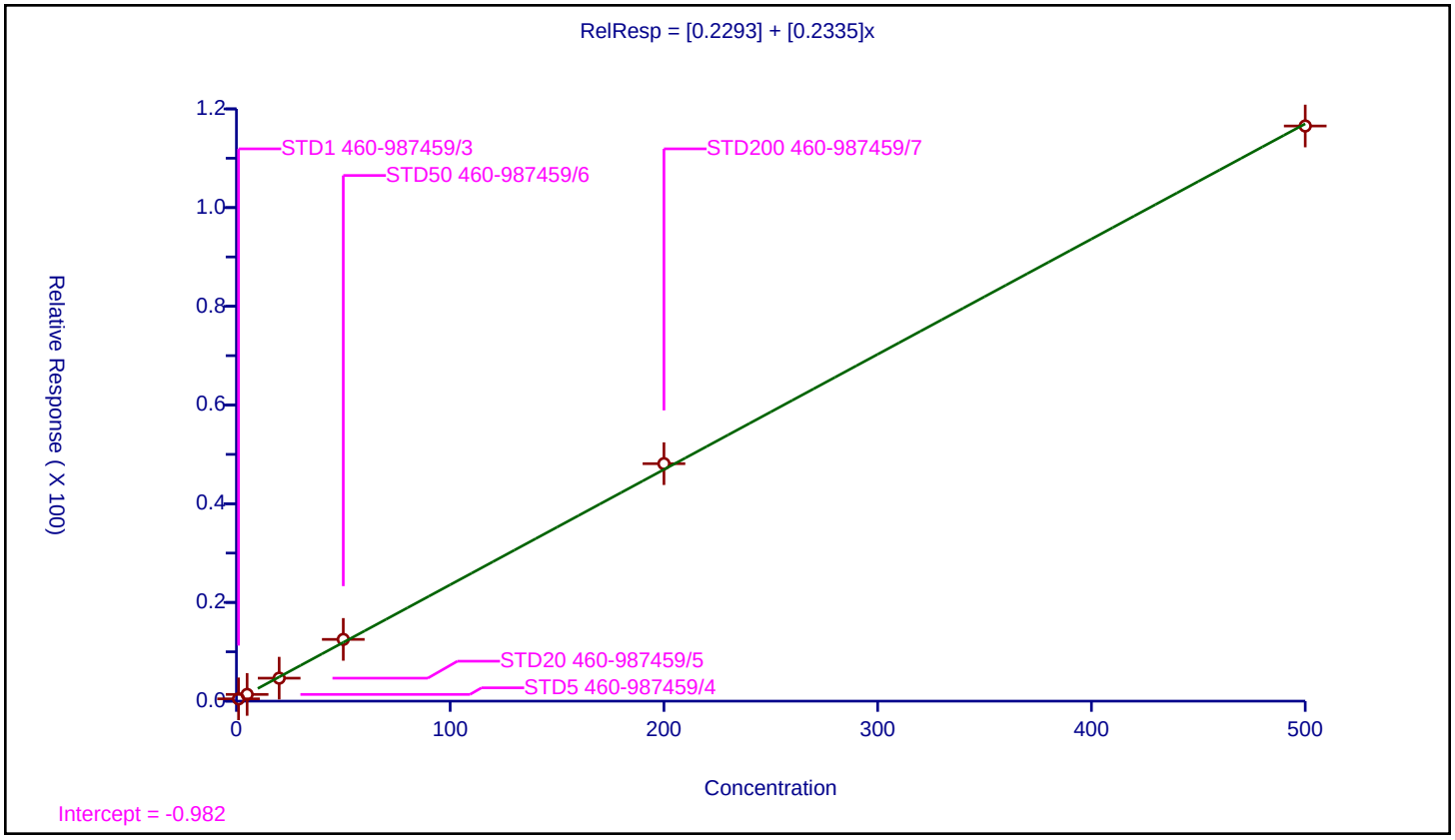
Curve Coefficients

Intercept:	0.2293
Slope:	0.2335

Error Coefficients

Relative Standard Deviation:	4.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	0.464466	50.0	685949.0	0.464466	Y
2	STD5 460-987459/4	5.0	1.363232	50.0	711104.0	0.272646	Y
3	STD20 460-987459/5	20.0	4.656779	50.0	744259.0	0.232839	Y
4	STD50 460-987459/6	50.0	12.509257	50.0	730559.0	0.250185	Y
5	STD200 460-987459/7	200.0	48.116338	50.0	695215.0	0.240582	Y
6	STD500 460-987459/8	500.0	116.535198	50.0	716901.0	0.23307	Y



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Calibration / 1,2-Dichloro-1,1,2-trifluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

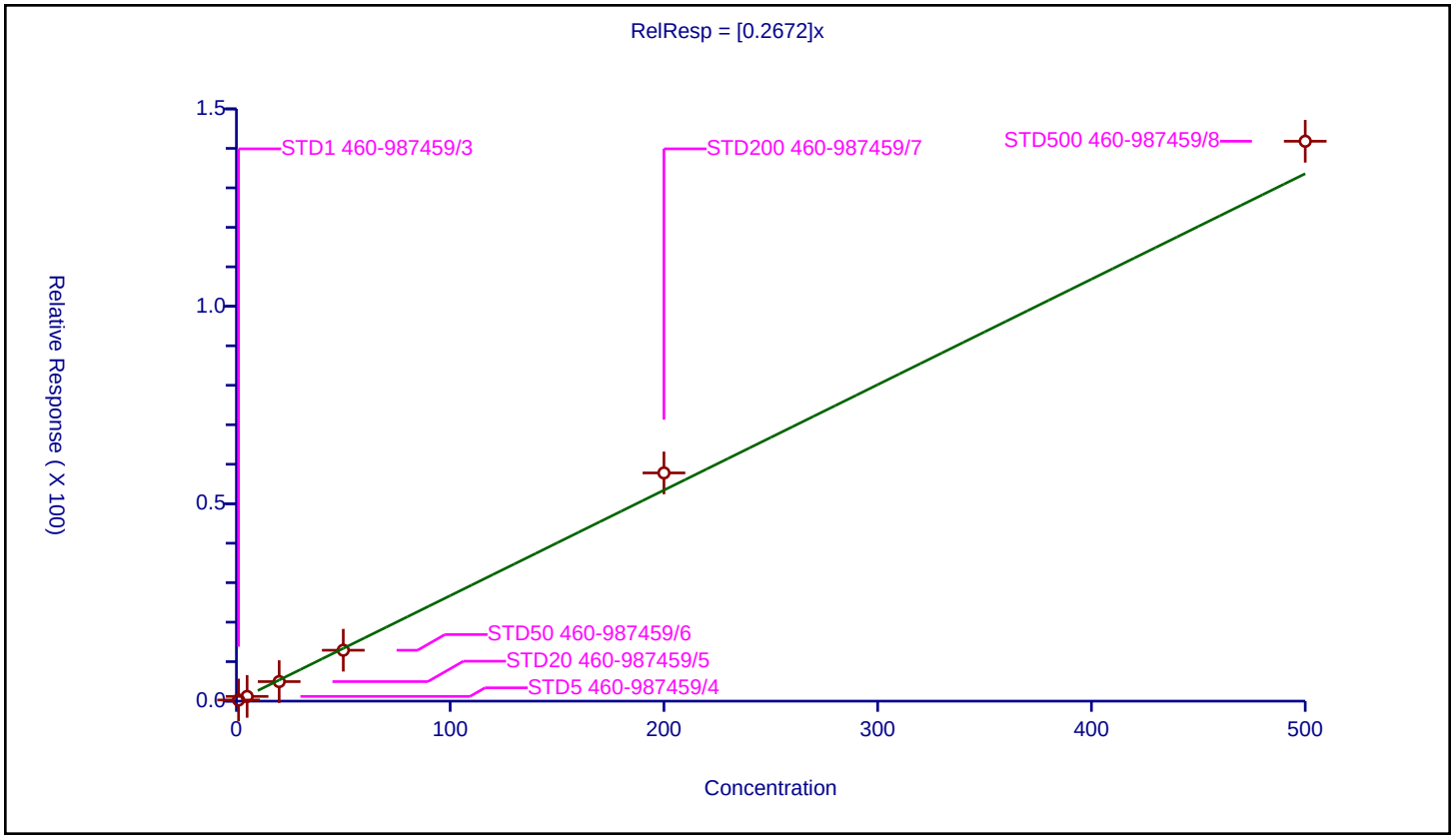
Curve Coefficients

Intercept:	0
Slope:	0.2672

Error Coefficients

Relative Standard Deviation:	8.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	0.2861	50.0	685949.0	0.2861	Y
2	STD5 460-987459/4	5.0	1.195535	50.0	711104.0	0.239107	Y
3	STD20 460-987459/5	20.0	4.946195	50.0	744259.0	0.24731	Y
4	STD50 460-987459/6	50.0	12.895194	50.0	730559.0	0.257904	Y
5	STD200 460-987459/7	200.0	57.802838	50.0	695215.0	0.289014	Y
6	STD500 460-987459/8	500.0	141.803262	50.0	716901.0	0.283607	Y



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Calibration / 1,1,1-Trifluoro-2,2-dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

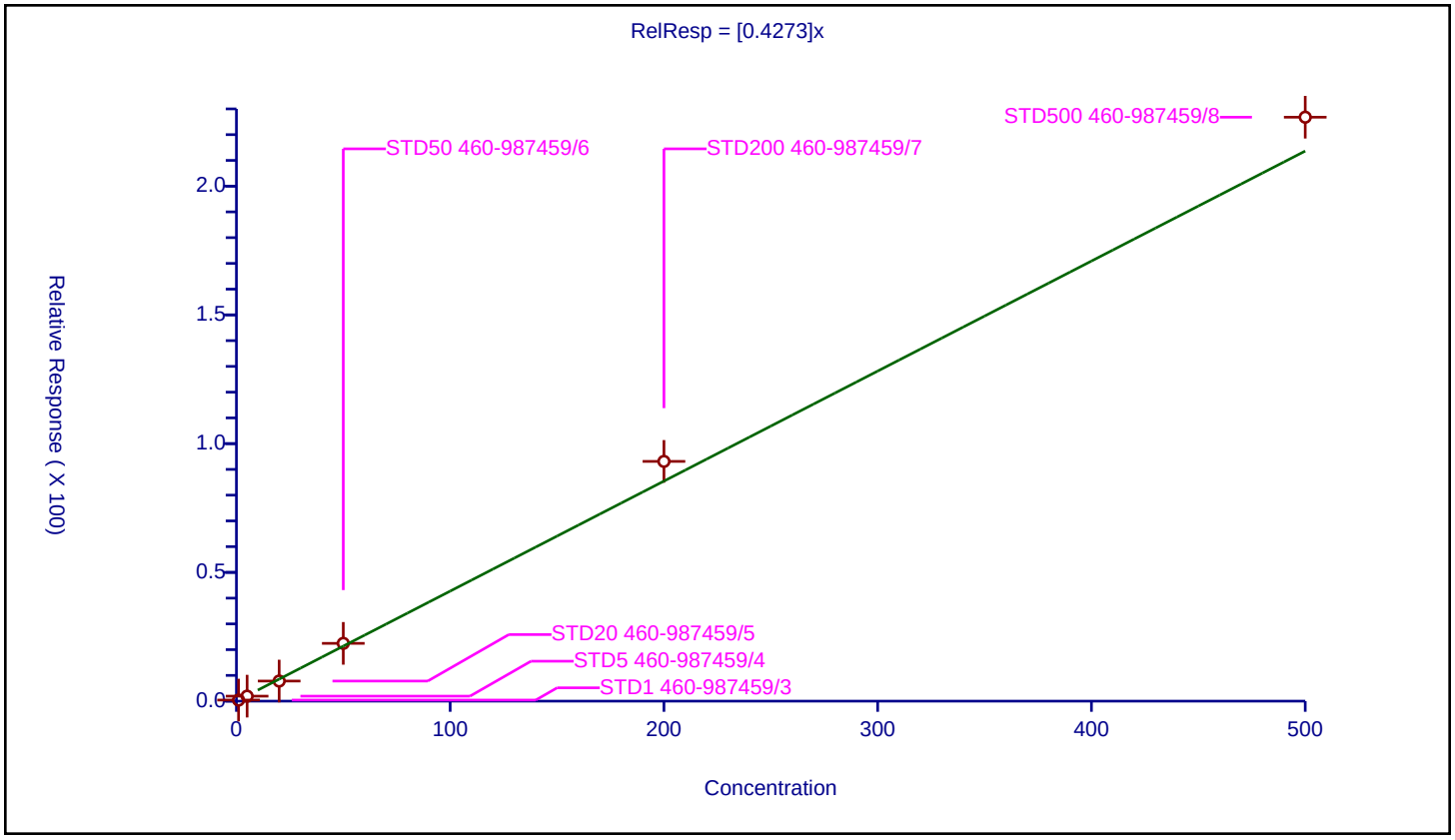
Curve Coefficients

Intercept:	0
Slope:	0.4273

Error Coefficients

Relative Standard Deviation:	7.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	0.417961	50.0	685949.0	0.417961	Y
2	STD5 460-987459/4	5.0	1.936918	50.0	711104.0	0.387384	Y
3	STD20 460-987459/5	20.0	7.805683	50.0	744259.0	0.390284	Y
4	STD50 460-987459/6	50.0	22.444525	50.0	730559.0	0.448891	Y
5	STD200 460-987459/7	200.0	93.102422	50.0	695215.0	0.465512	Y
6	STD500 460-987459/8	500.0	226.768201	50.0	716901.0	0.453536	Y



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Calibration / Acrolein

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

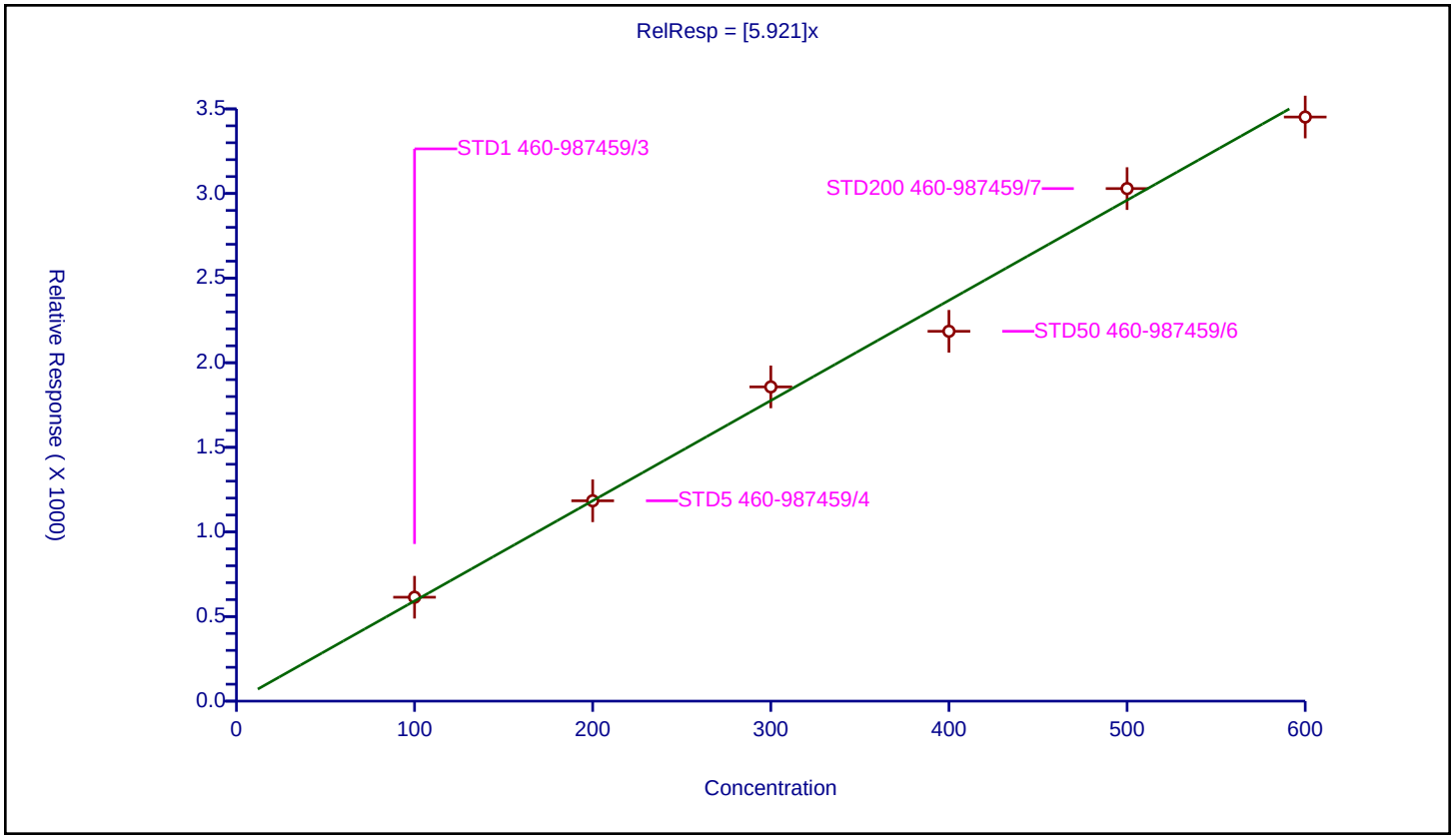
Curve Coefficients

Intercept:	0
Slope:	5.921

Error Coefficients

Relative Standard Deviation:	4.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	100.0	614.035535	1000.0	78515.0	6.140355	Y
2	STD5 460-987459/4	200.0	1184.05684	1000.0	94862.0	5.920284	Y
3	STD20 460-987459/5	300.0	1857.031658	1000.0	86075.0	6.190106	Y
4	STD50 460-987459/6	400.0	2185.66224	1000.0	100462.0	5.464156	Y
5	STD200 460-987459/7	500.0	3029.12539	1000.0	94282.0	6.058251	Y
6	STD500 460-987459/8	600.0	3451.972416	1000.0	86138.0	5.753287	Y



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Calibration / 1,1-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

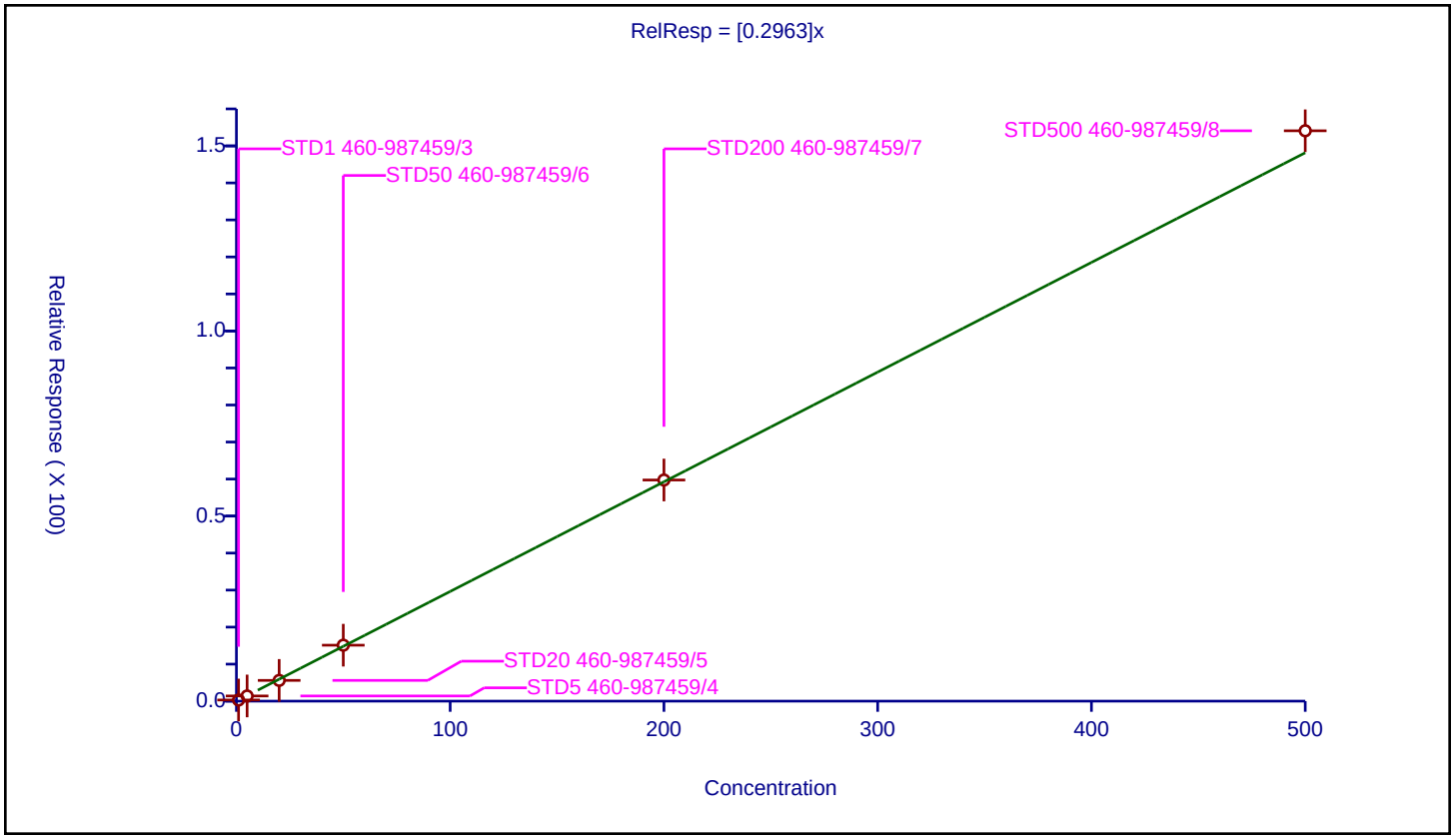
Curve Coefficients

Intercept:	0
Slope:	0.2963

Error Coefficients

Relative Standard Deviation:	4.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	0.308332	50.0	685949.0	0.308332	Y
2	STD5 460-987459/4	5.0	1.400991	50.0	711104.0	0.280198	Y
3	STD20 460-987459/5	20.0	5.602485	50.0	744259.0	0.280124	Y
4	STD50 460-987459/6	50.0	15.111031	50.0	730559.0	0.302221	Y
5	STD200 460-987459/7	200.0	59.739865	50.0	695215.0	0.298699	Y
6	STD500 460-987459/8	500.0	154.088221	50.0	716901.0	0.308176	Y



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Calibration / Acetone

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

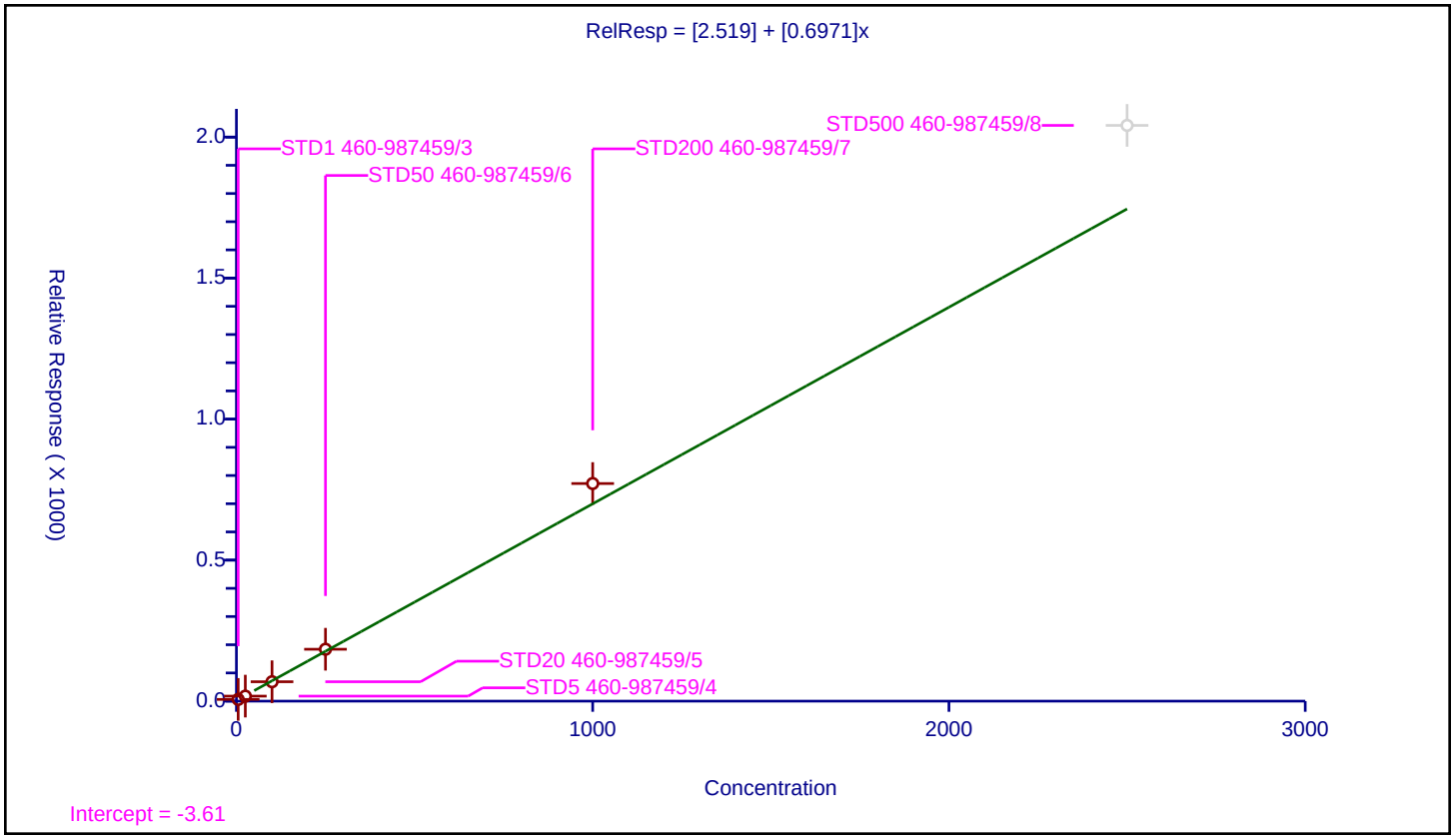
Curve Coefficients

Intercept:	2.519
Slope:	0.6971

Error Coefficients

Relative Standard Deviation:	10.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	5.0	6.092744	250.0	234172.0	1.218549	Y
2	STD5 460-987459/4	25.0	17.830679	250.0	262483.0	0.713227	Y
3	STD20 460-987459/5	100.0	68.834917	250.0	268719.0	0.688349	Y
4	STD50 460-987459/6	250.0	184.020442	250.0	274047.0	0.736082	Y
5	STD200 460-987459/7	1000.0	771.651525	250.0	273087.0	0.771652	Y
6	STD500 460-987459/8	2500.0	2041.467721	250.0	256561.0	0.816587	N



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Calibration / 1,1,2-Trichloro-1,2,2-trifluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

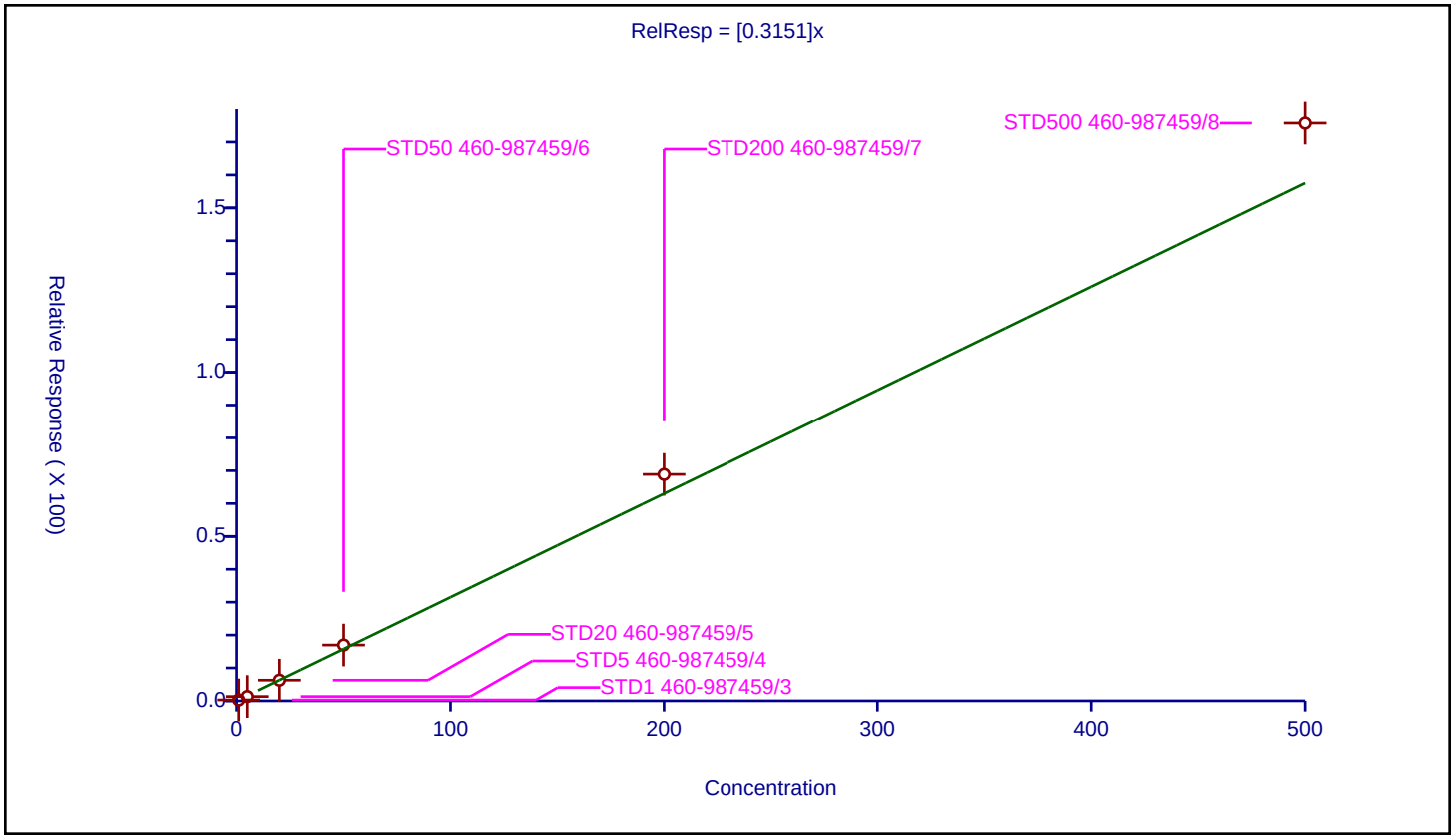
Curve Coefficients

Intercept:	0
Slope:	0.3151

Error Coefficients

Relative Standard Deviation:	11.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	0.277207	50.0	685949.0	0.277207	Y
2	STD5 460-987459/4	5.0	1.319357	50.0	711104.0	0.263871	Y
3	STD20 460-987459/5	20.0	6.285043	50.0	744259.0	0.314252	Y
4	STD50 460-987459/6	50.0	16.964817	50.0	730559.0	0.339296	Y
5	STD200 460-987459/7	200.0	68.871788	50.0	695215.0	0.344359	Y
6	STD500 460-987459/8	500.0	175.764924	50.0	716901.0	0.35153	Y



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Calibration / Iodomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

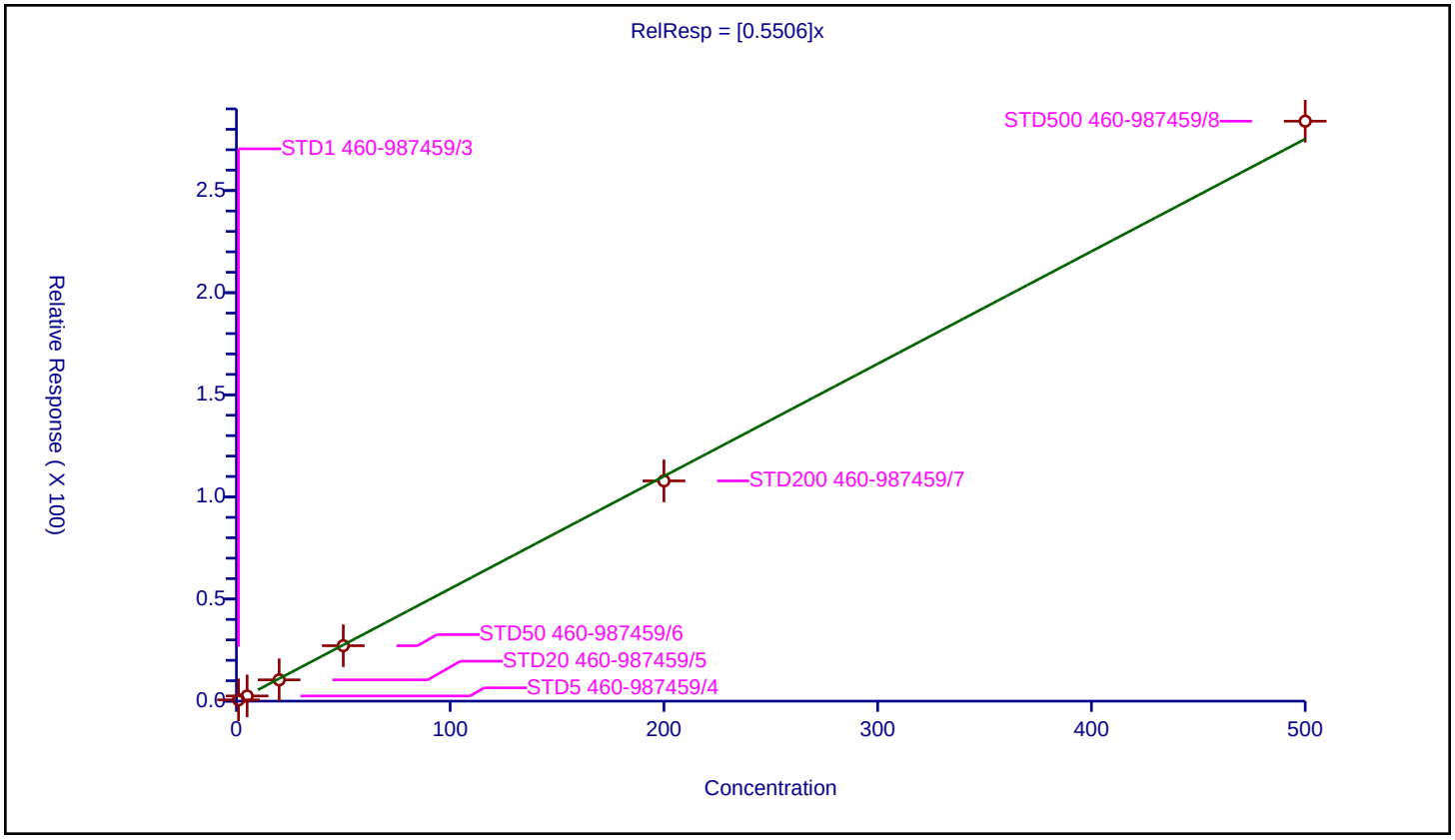
Curve Coefficients

Intercept:	0
Slope:	0.5506

Error Coefficients

Relative Standard Deviation:	7.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	0.623297	50.0	685949.0	0.623297	Y
2	STD5 460-987459/4	5.0	2.541049	50.0	711104.0	0.50821	Y
3	STD20 460-987459/5	20.0	10.432726	50.0	744259.0	0.521636	Y
4	STD50 460-987459/6	50.0	27.150921	50.0	730559.0	0.543018	Y
5	STD200 460-987459/7	200.0	107.844048	50.0	695215.0	0.53922	Y
6	STD500 460-987459/8	500.0	283.985097	50.0	716901.0	0.56797	Y



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Calibration / Isopropyl alcohol

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

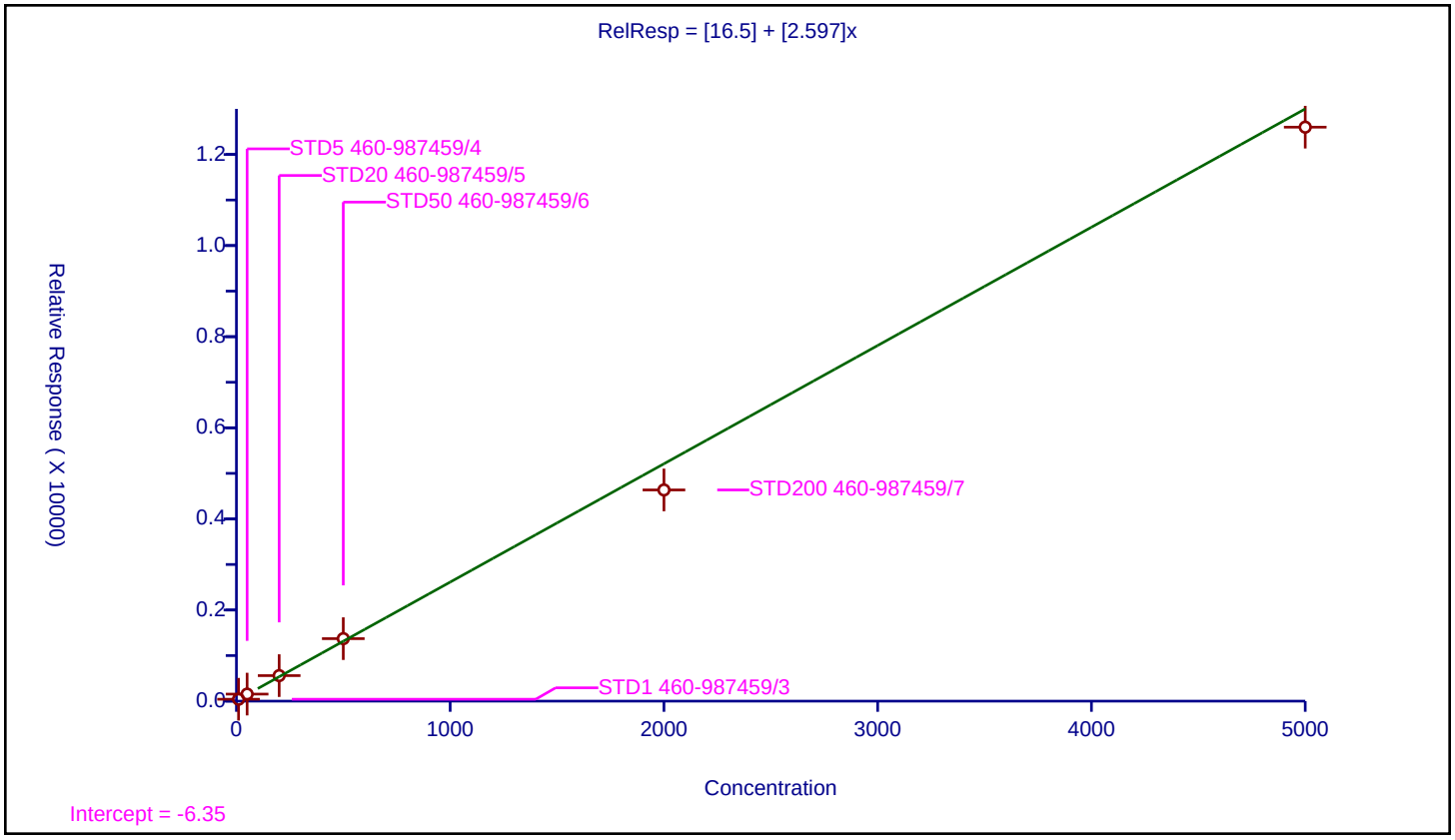
Curve Coefficients

Intercept:	16.5
Slope:	2.597

Error Coefficients

Relative Standard Deviation:	7.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	10.0	42.055658	1000.0	78515.0	4.205566	Y
2	STD5 460-987459/4	50.0	154.877612	1000.0	94862.0	3.097552	Y
3	STD20 460-987459/5	200.0	560.580889	1000.0	86075.0	2.802904	Y
4	STD50 460-987459/6	500.0	1371.613147	1000.0	100462.0	2.743226	Y
5	STD200 460-987459/7	2000.0	4635.508369	1000.0	94282.0	2.317754	Y
6	STD500 460-987459/8	5000.0	12599.212891	1000.0	86138.0	2.519843	Y



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Calibration / Carbon disulfide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

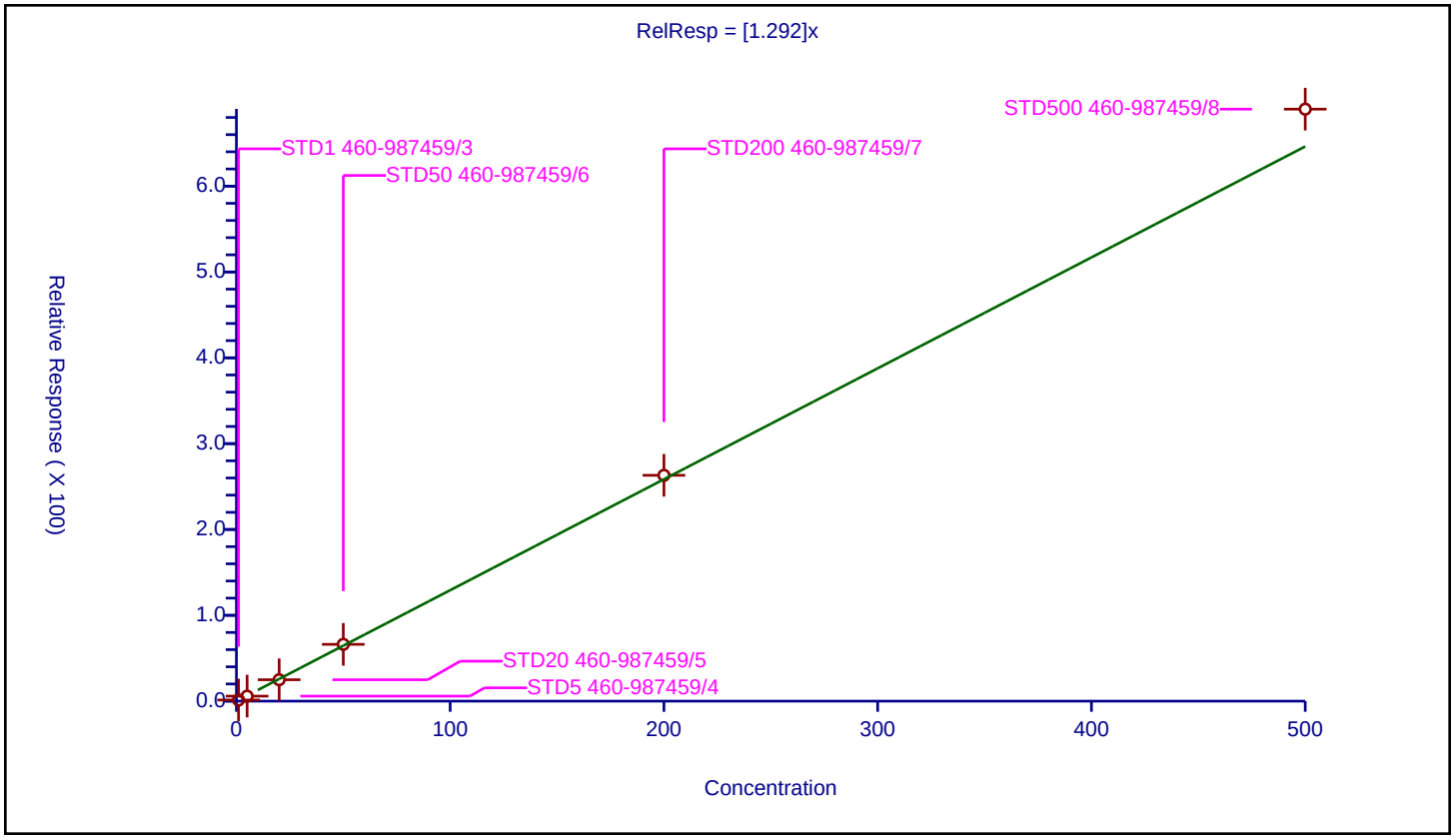
Curve Coefficients

Intercept:	0
Slope:	1.292

Error Coefficients

Relative Standard Deviation:	5.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	1.320652	50.0	685949.0	1.320652	Y
2	STD5 460-987459/4	5.0	5.846402	50.0	711104.0	1.16928	Y
3	STD20 460-987459/5	20.0	24.931375	50.0	744259.0	1.246569	Y
4	STD50 460-987459/6	50.0	66.156943	50.0	730559.0	1.323139	Y
5	STD200 460-987459/7	200.0	263.114001	50.0	695215.0	1.31557	Y
6	STD500 460-987459/8	500.0	689.680723	50.0	716901.0	1.379361	Y



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Calibration / 3-Chloro-1-propene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

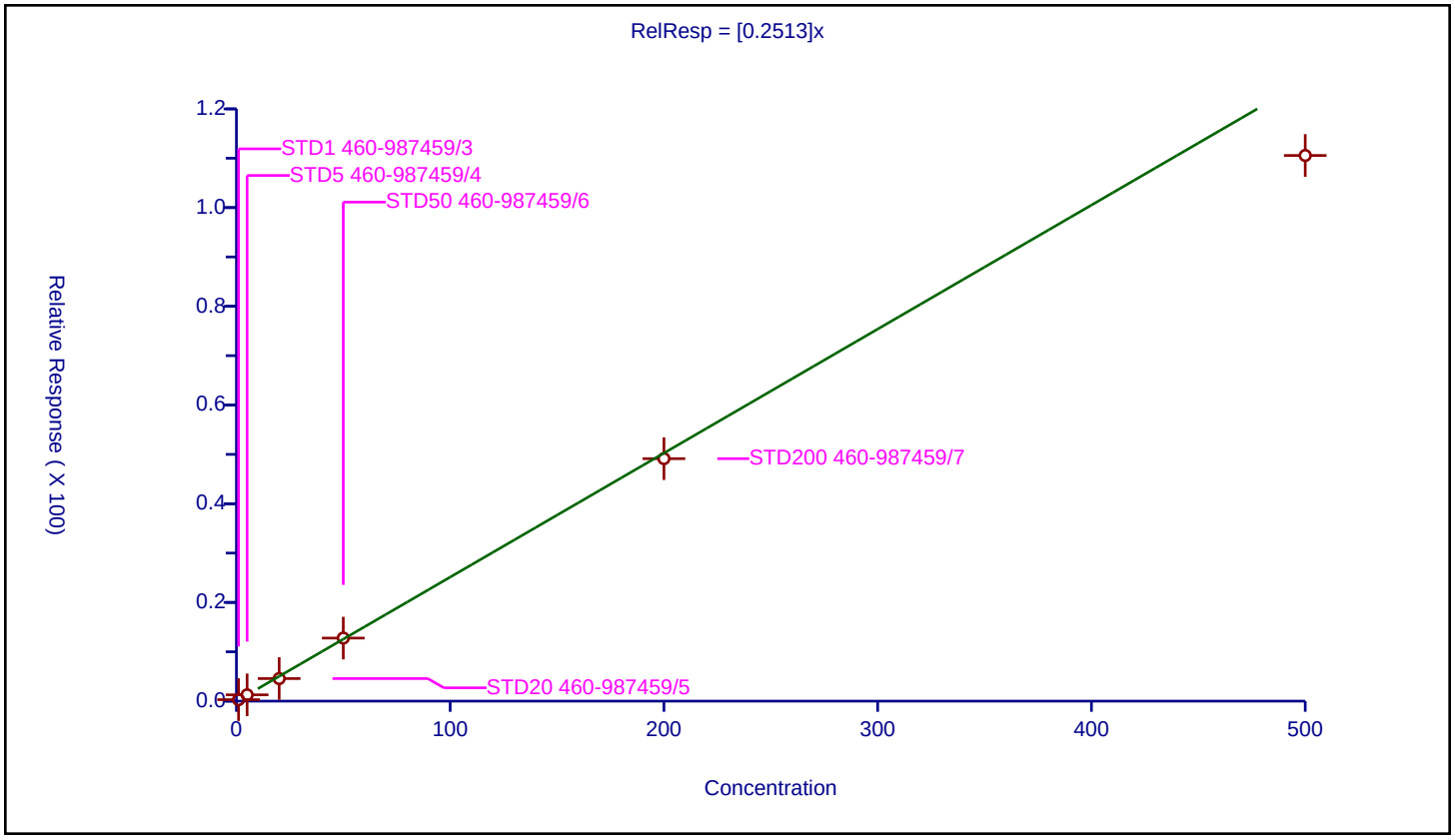
Curve Coefficients

Intercept:	0
Slope:	0.2513

Error Coefficients

Relative Standard Deviation:	11.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	0.301189	50.0	685949.0	0.301189	Y
2	STD5 460-987459/4	5.0	1.277239	50.0	711104.0	0.255448	Y
3	STD20 460-987459/5	20.0	4.573408	50.0	744259.0	0.22867	Y
4	STD50 460-987459/6	50.0	12.776928	50.0	730559.0	0.255539	Y
5	STD200 460-987459/7	200.0	49.135088	50.0	695215.0	0.245675	Y
6	STD500 460-987459/8	500.0	110.560803	50.0	716901.0	0.221122	Y



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Calibration / Acetonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

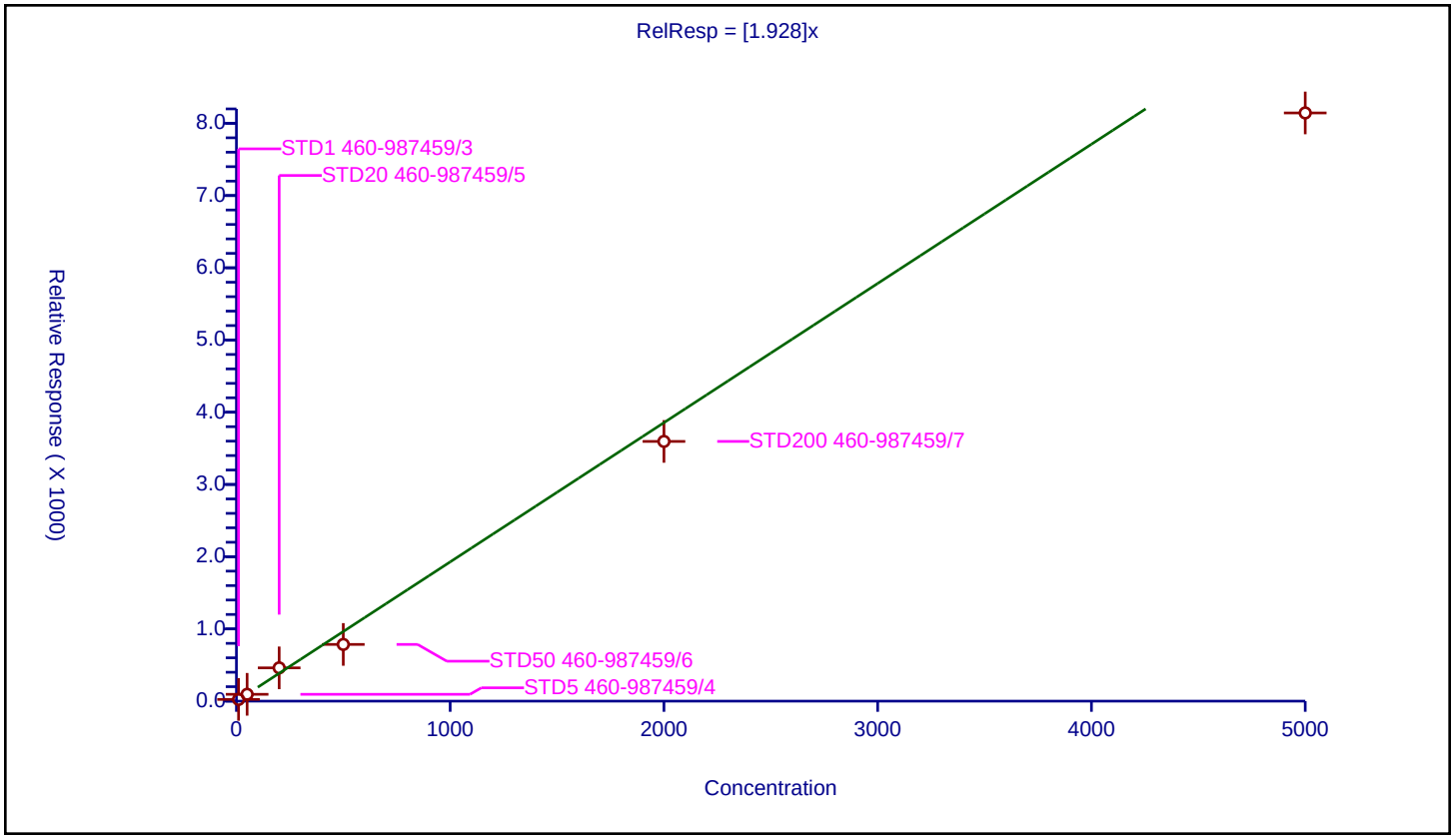
Curve Coefficients

Intercept:	0
Slope:	1.928

Error Coefficients

Relative Standard Deviation:	17.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	10.0	23.753423	1000.0	78515.0	2.375342	Y
2	STD5 460-987459/4	50.0	94.48462	1000.0	94862.0	1.889692	Y
3	STD20 460-987459/5	200.0	460.88876	1000.0	86075.0	2.304444	Y
4	STD50 460-987459/6	500.0	785.132687	1000.0	100462.0	1.570265	Y
5	STD200 460-987459/7	2000.0	3596.105301	1000.0	94282.0	1.798053	Y
6	STD500 460-987459/8	5000.0	8143.862175	1000.0	86138.0	1.628772	Y



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Calibration / Methyl acetate

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

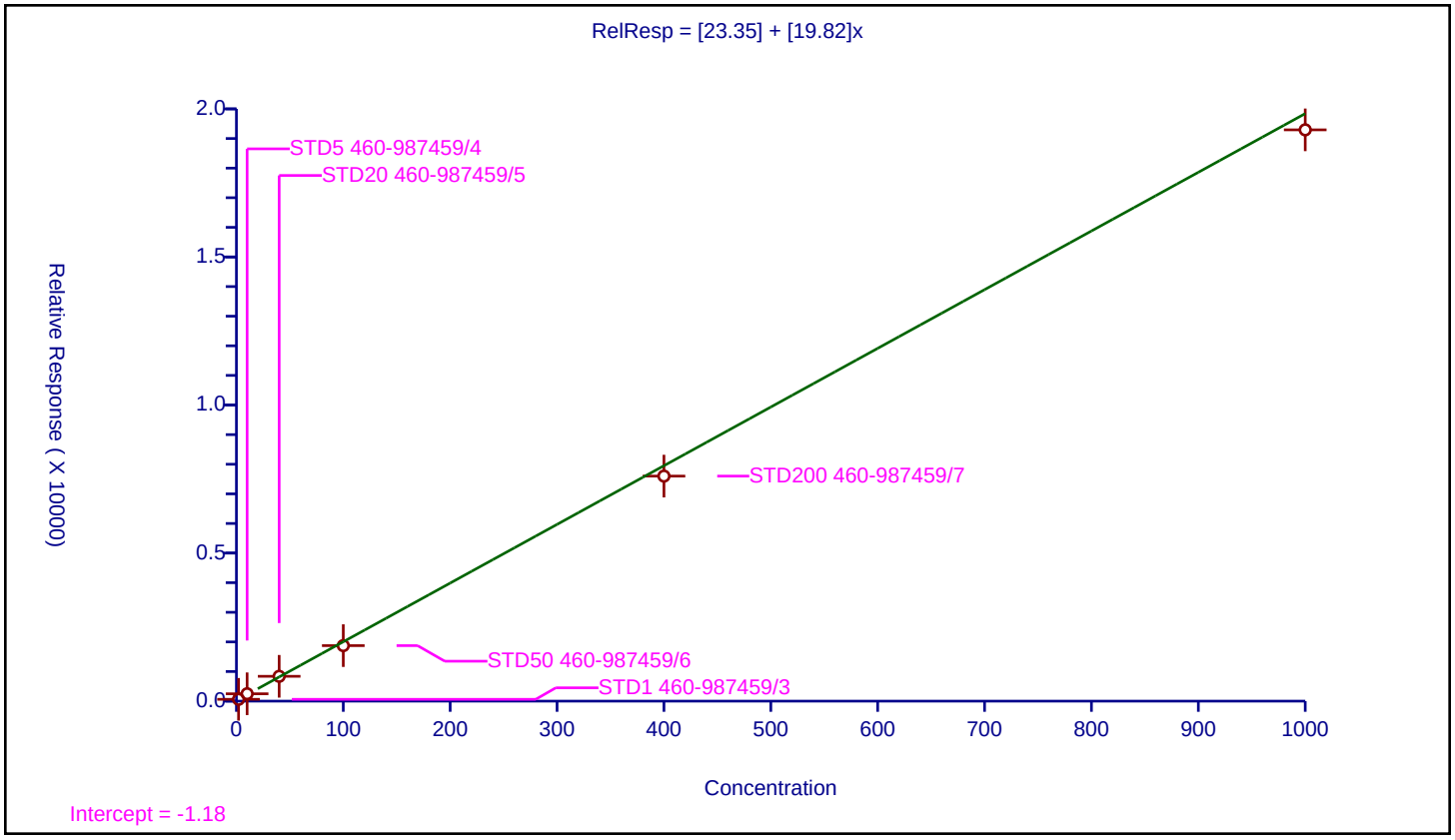
Curve Coefficients

Intercept:	23.35
Slope:	19.82

Error Coefficients

Relative Standard Deviation:	8.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	2.0	61.911737	1000.0	78515.0	30.955868	Y
2	STD5 460-987459/4	10.0	248.434568	1000.0	94862.0	24.843457	Y
3	STD20 460-987459/5	40.0	838.675574	1000.0	86075.0	20.966889	Y
4	STD50 460-987459/6	100.0	1875.236408	1000.0	100462.0	18.752364	Y
5	STD200 460-987459/7	400.0	7599.828175	1000.0	94282.0	18.99957	Y
6	STD500 460-987459/8	1000.0	19292.356451	1000.0	86138.0	19.292356	Y



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Calibration / Cyclopentene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

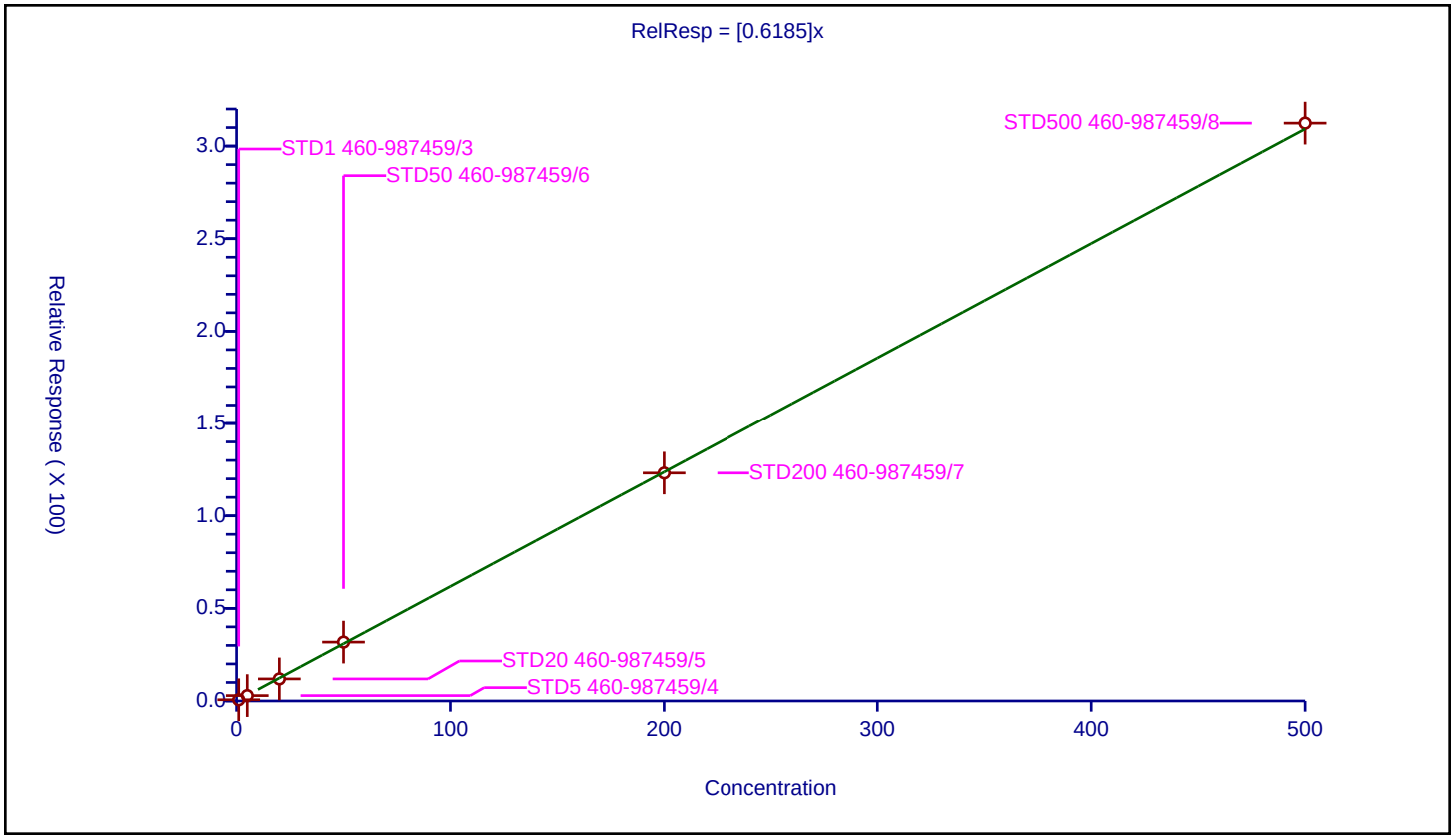
Curve Coefficients

Intercept:	0
Slope:	0.6185

Error Coefficients

Relative Standard Deviation:	4.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	0.658212	50.0	685949.0	0.658212	Y
2	STD5 460-987459/4	5.0	2.905201	50.0	711104.0	0.58104	Y
3	STD20 460-987459/5	20.0	11.908354	50.0	744259.0	0.595418	Y
4	STD50 460-987459/6	50.0	31.787029	50.0	730559.0	0.635741	Y
5	STD200 460-987459/7	200.0	123.148954	50.0	695215.0	0.615745	Y
6	STD500 460-987459/8	500.0	312.39418	50.0	716901.0	0.624788	Y



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Calibration / Methylene Chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

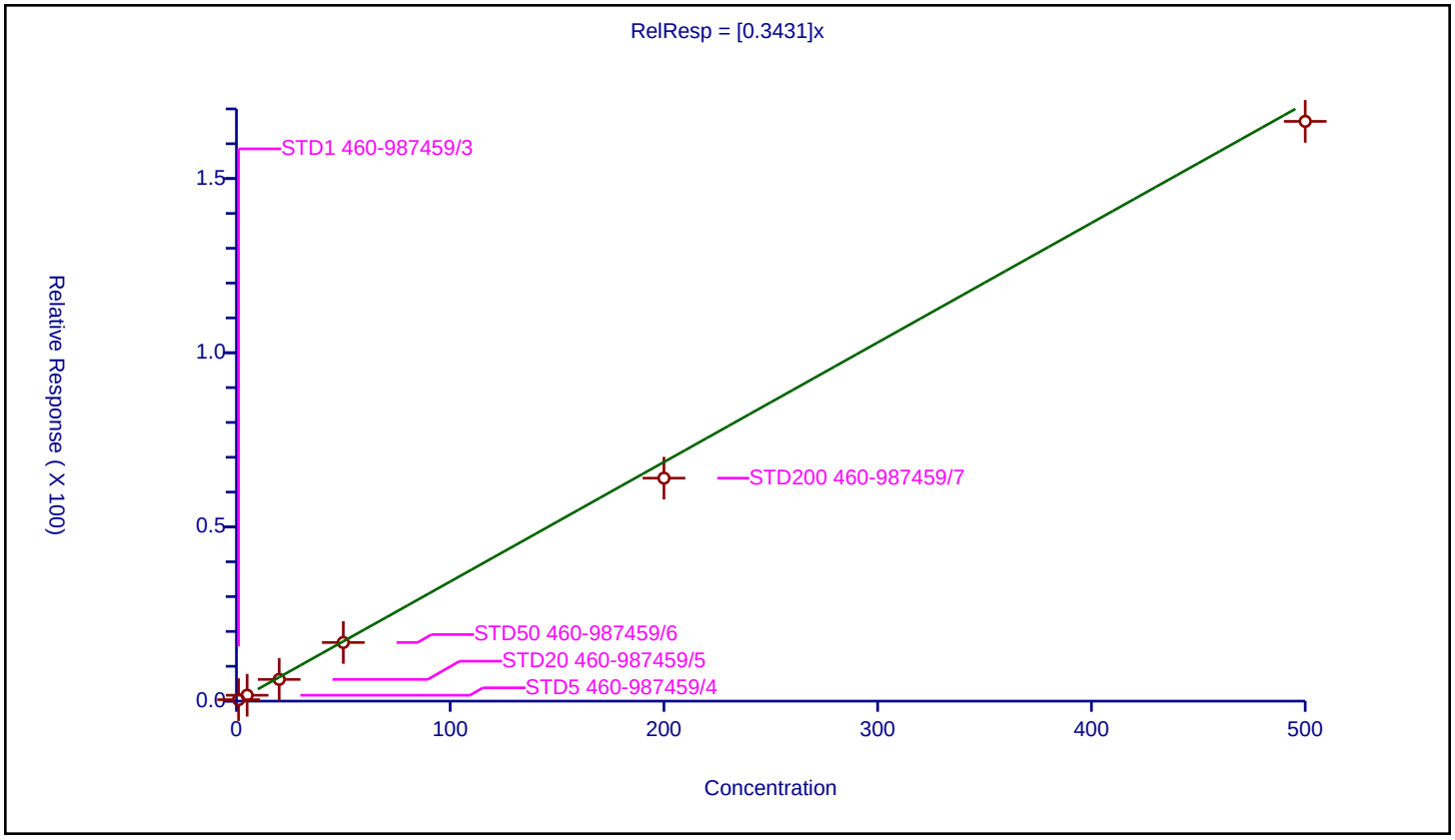
Curve Coefficients

Intercept:	0
Slope:	0.3431

Error Coefficients

Relative Standard Deviation:	11.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	0.418253	50.0	685949.0	0.418253	Y
2	STD5 460-987459/4	5.0	1.695673	50.0	711104.0	0.339135	Y
3	STD20 460-987459/5	20.0	6.236404	50.0	744259.0	0.31182	Y
4	STD50 460-987459/6	50.0	16.838476	50.0	730559.0	0.33677	Y
5	STD200 460-987459/7	200.0	64.011277	50.0	695215.0	0.320056	Y
6	STD500 460-987459/8	500.0	166.422212	50.0	716901.0	0.332844	Y



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Calibration / 2-Methyl-2-propanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

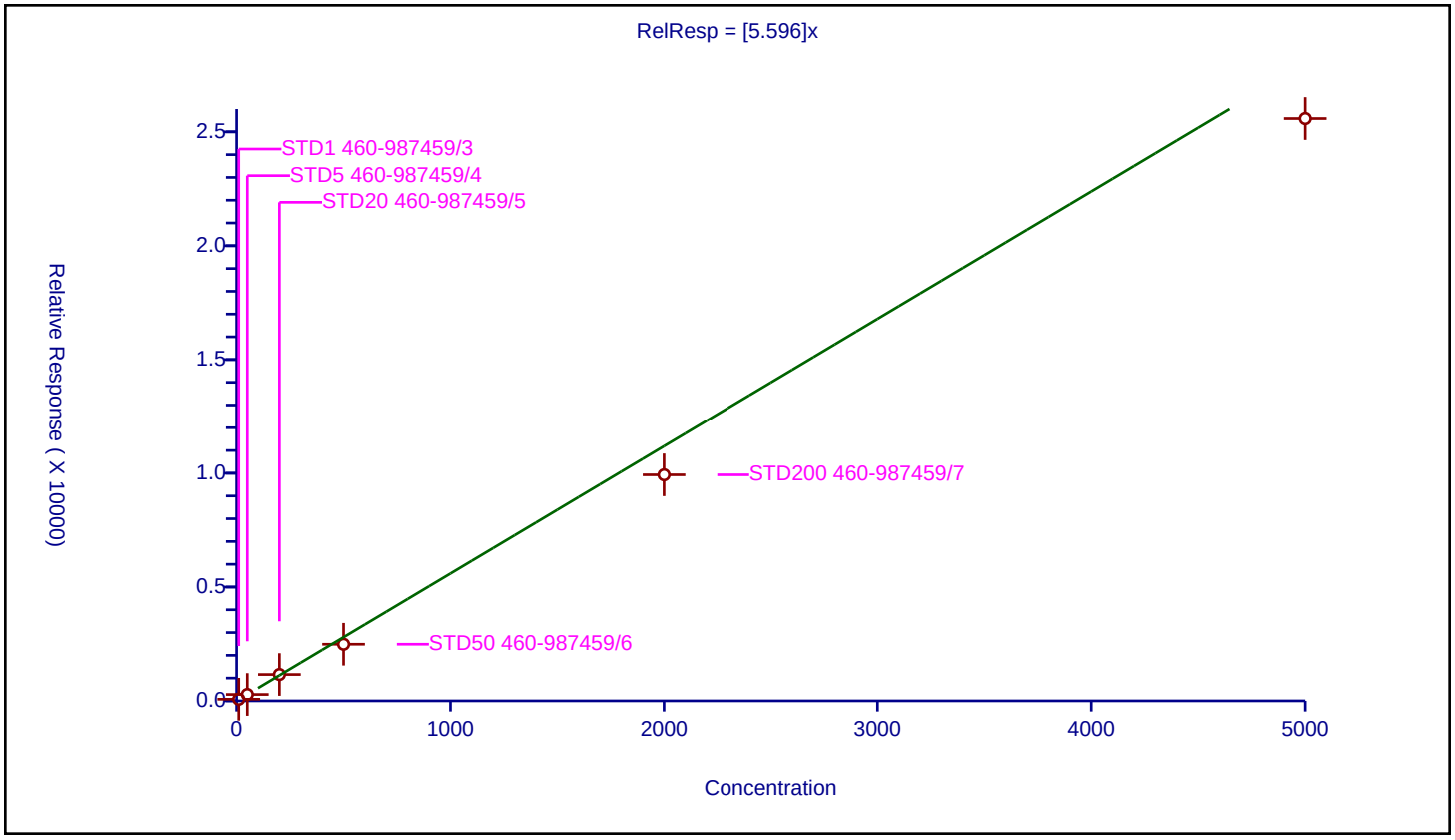
Curve Coefficients

Intercept:	0
Slope:	5.596

Error Coefficients

Relative Standard Deviation:	14.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	10.0	71.323951	1000.0	78515.0	7.132395	Y
2	STD5 460-987459/4	50.0	280.048913	1000.0	94862.0	5.600978	Y
3	STD20 460-987459/5	200.0	1156.619227	1000.0	86075.0	5.783096	Y
4	STD50 460-987459/6	500.0	2487.706795	1000.0	100462.0	4.975414	Y
5	STD200 460-987459/7	2000.0	9930.48514	1000.0	94282.0	4.965243	Y
6	STD500 460-987459/8	5000.0	25584.213704	1000.0	86138.0	5.116843	Y



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Calibration / Acrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

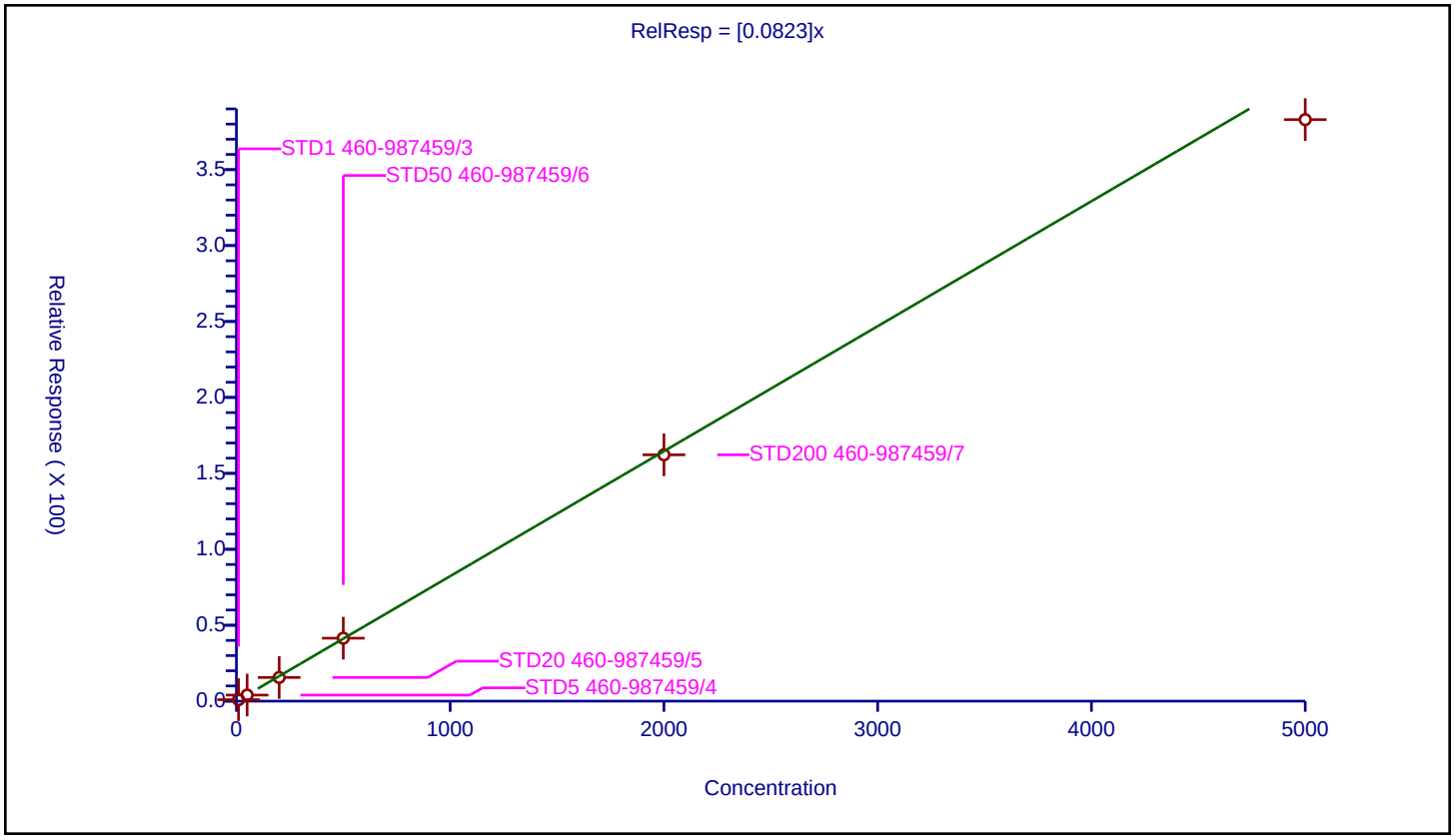
Curve Coefficients

Intercept:	0
Slope:	0.0823

Error Coefficients

Relative Standard Deviation:	8.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	10.0	0.953861	50.0	685949.0	0.095386	Y
2	STD5 460-987459/4	50.0	3.994704	50.0	711104.0	0.079894	Y
3	STD20 460-987459/5	200.0	15.583016	50.0	744259.0	0.077915	Y
4	STD50 460-987459/6	500.0	41.456268	50.0	730559.0	0.082913	Y
5	STD200 460-987459/7	2000.0	162.21133	50.0	695215.0	0.081106	Y
6	STD500 460-987459/8	5000.0	382.924839	50.0	716901.0	0.076585	Y



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Calibration / Methyl tert-butyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

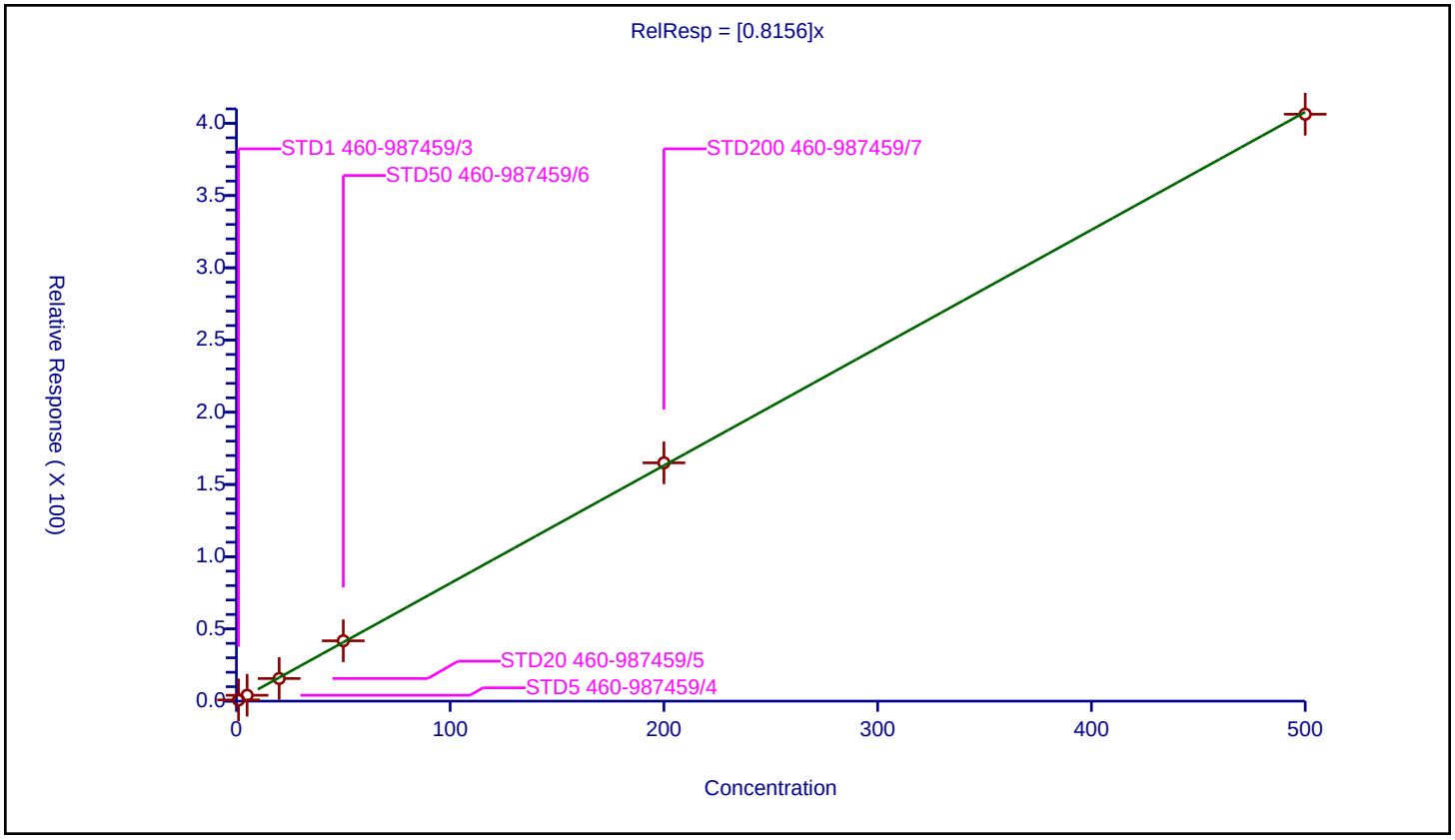
Curve Coefficients

Intercept:	0
Slope:	0.8156

Error Coefficients

Relative Standard Deviation:	2.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	0.82477	50.0	685949.0	0.82477	Y
2	STD5 460-987459/4	5.0	4.066494	50.0	711104.0	0.813299	Y
3	STD20 460-987459/5	20.0	15.657788	50.0	744259.0	0.782889	Y
4	STD50 460-987459/6	50.0	41.769043	50.0	730559.0	0.835381	Y
5	STD200 460-987459/7	200.0	164.97882	50.0	695215.0	0.824894	Y
6	STD500 460-987459/8	500.0	406.303869	50.0	716901.0	0.812608	Y



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Calibration / trans-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

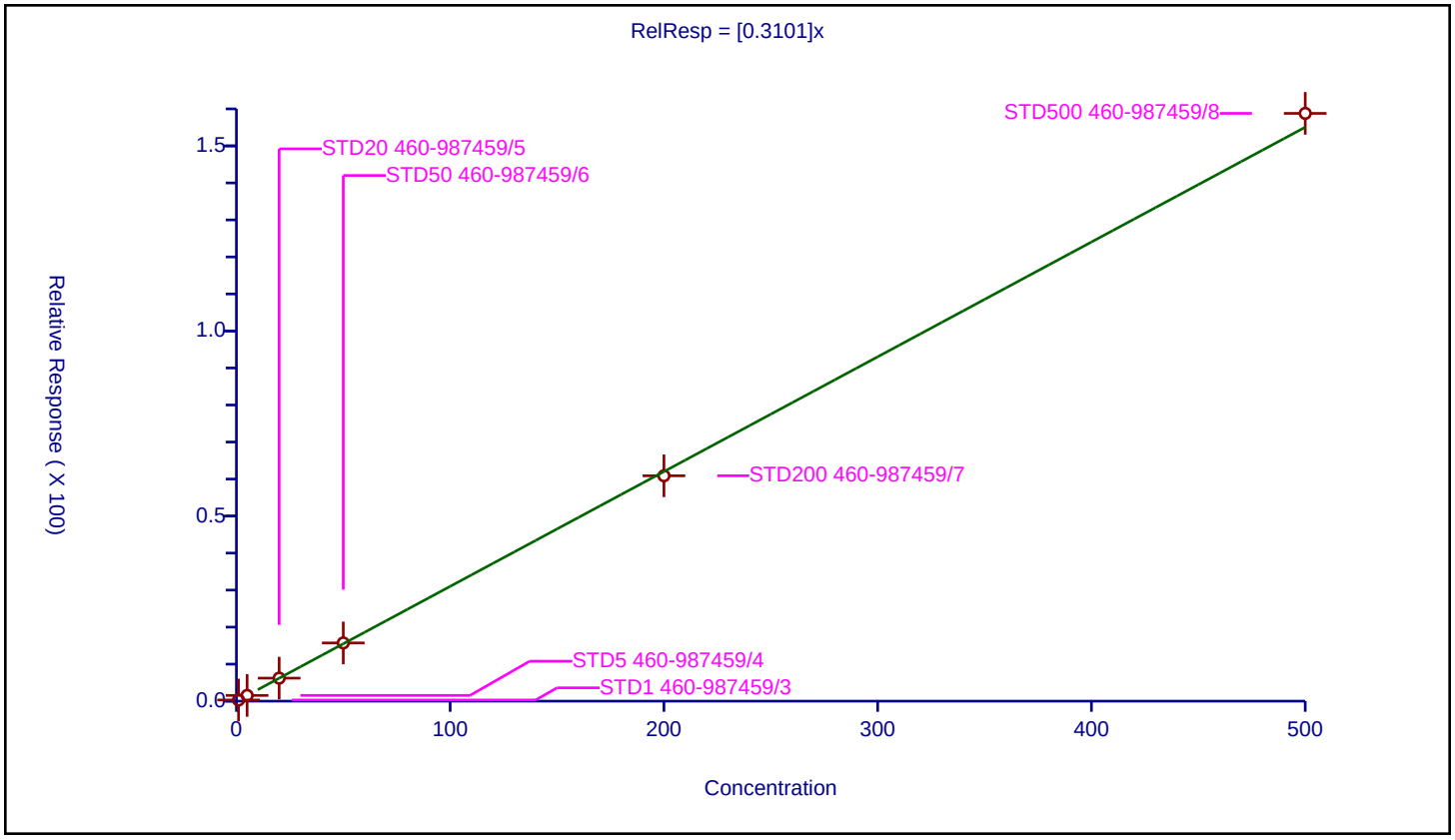
Curve Coefficients

Intercept:	0
Slope:	0.3101

Error Coefficients

Relative Standard Deviation:	1.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	0.30425	50.0	685949.0	0.30425	Y
2	STD5 460-987459/4	5.0	1.544992	50.0	711104.0	0.308998	Y
3	STD20 460-987459/5	20.0	6.216519	50.0	744259.0	0.310826	Y
4	STD50 460-987459/6	50.0	15.725698	50.0	730559.0	0.314514	Y
5	STD200 460-987459/7	200.0	60.88131	50.0	695215.0	0.304407	Y
6	STD500 460-987459/8	500.0	158.783988	50.0	716901.0	0.317568	Y



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Calibration / Hexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

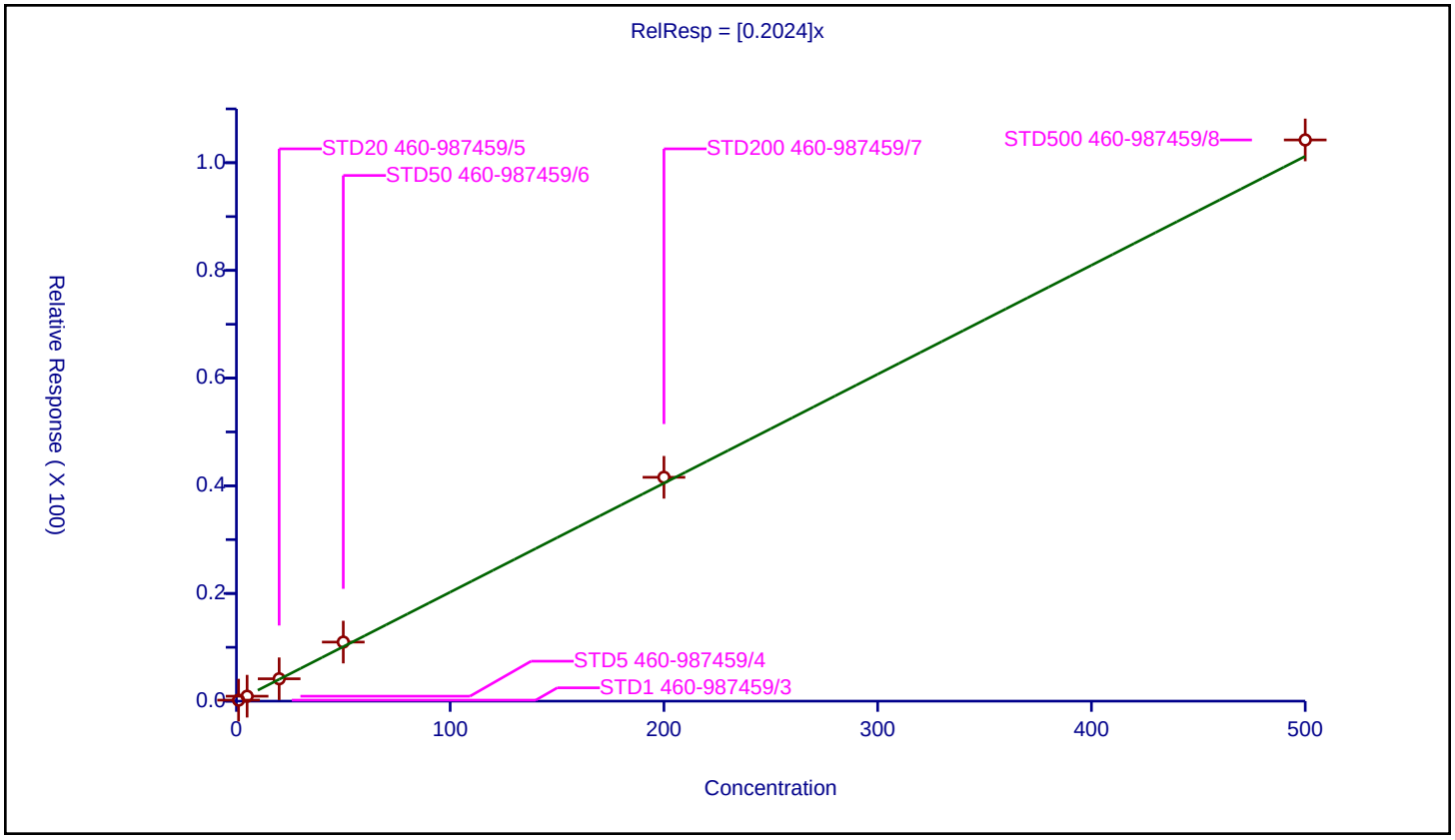
Curve Coefficients

Intercept:	0
Slope:	0.2024

Error Coefficients

Relative Standard Deviation:	6.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	0.187623	50.0	685949.0	0.187623	Y
2	STD5 460-987459/4	5.0	0.916462	50.0	711104.0	0.183292	Y
3	STD20 460-987459/5	20.0	4.155005	50.0	744259.0	0.20775	Y
4	STD50 460-987459/6	50.0	10.968656	50.0	730559.0	0.219373	Y
5	STD200 460-987459/7	200.0	41.575843	50.0	695215.0	0.207879	Y
6	STD500 460-987459/8	500.0	104.232314	50.0	716901.0	0.208465	Y



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Calibration / 1,1-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

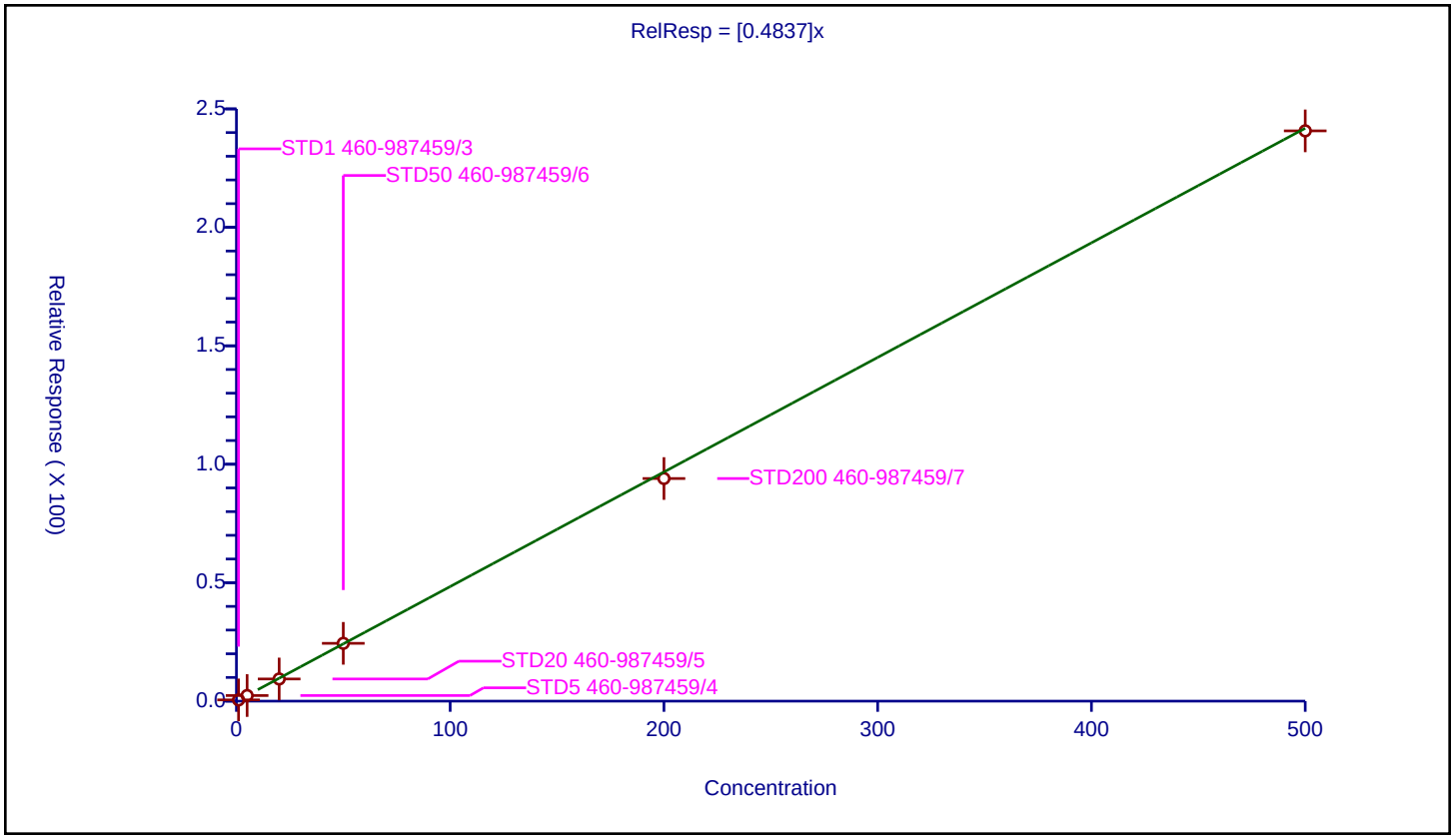
Curve Coefficients

Intercept:	0
Slope:	0.4837

Error Coefficients

Relative Standard Deviation:	4.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	0.521978	50.0	685949.0	0.521978	Y
2	STD5 460-987459/4	5.0	2.364211	50.0	711104.0	0.472842	Y
3	STD20 460-987459/5	20.0	9.354069	50.0	744259.0	0.467703	Y
4	STD50 460-987459/6	50.0	24.406037	50.0	730559.0	0.488121	Y
5	STD200 460-987459/7	200.0	93.972584	50.0	695215.0	0.469863	Y
6	STD500 460-987459/8	500.0	240.72759	50.0	716901.0	0.481455	Y



Calibration / Vinyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

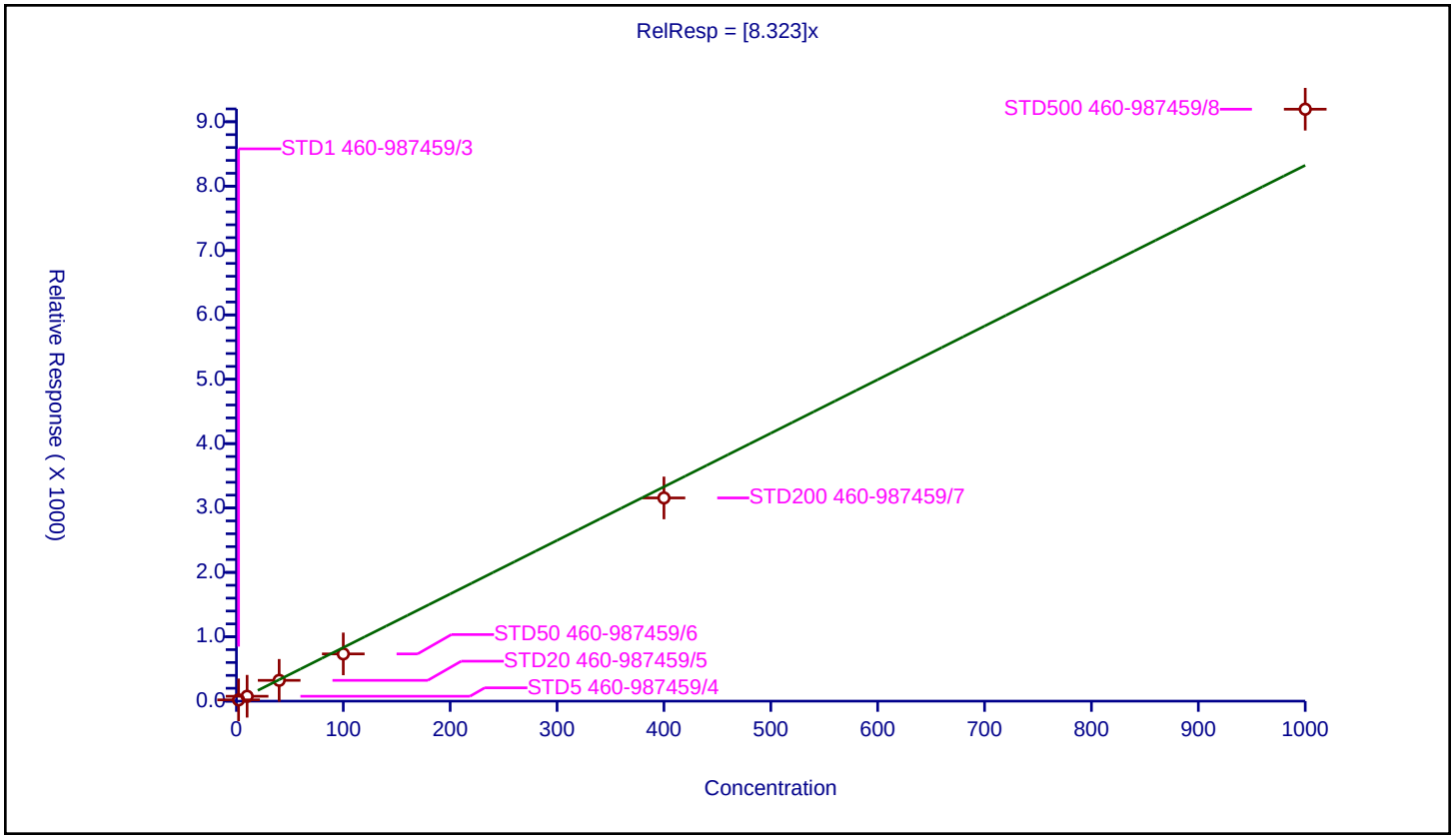
Curve Coefficients

Intercept:	0
Slope:	8.323

Error Coefficients

Relative Standard Deviation:	11.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	2.0	19.728714	1000.0	78515.0	9.864357	Y
2	STD5 460-987459/4	10.0	75.804853	1000.0	94862.0	7.580485	Y
3	STD20 460-987459/5	40.0	322.950915	1000.0	86075.0	8.073773	Y
4	STD50 460-987459/6	100.0	733.550994	1000.0	100462.0	7.33551	Y
5	STD200 460-987459/7	400.0	3156.604654	1000.0	94282.0	7.891512	Y
6	STD500 460-987459/8	1000.0	9195.186793	1000.0	86138.0	9.195187	Y



Calibration / Isopropyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

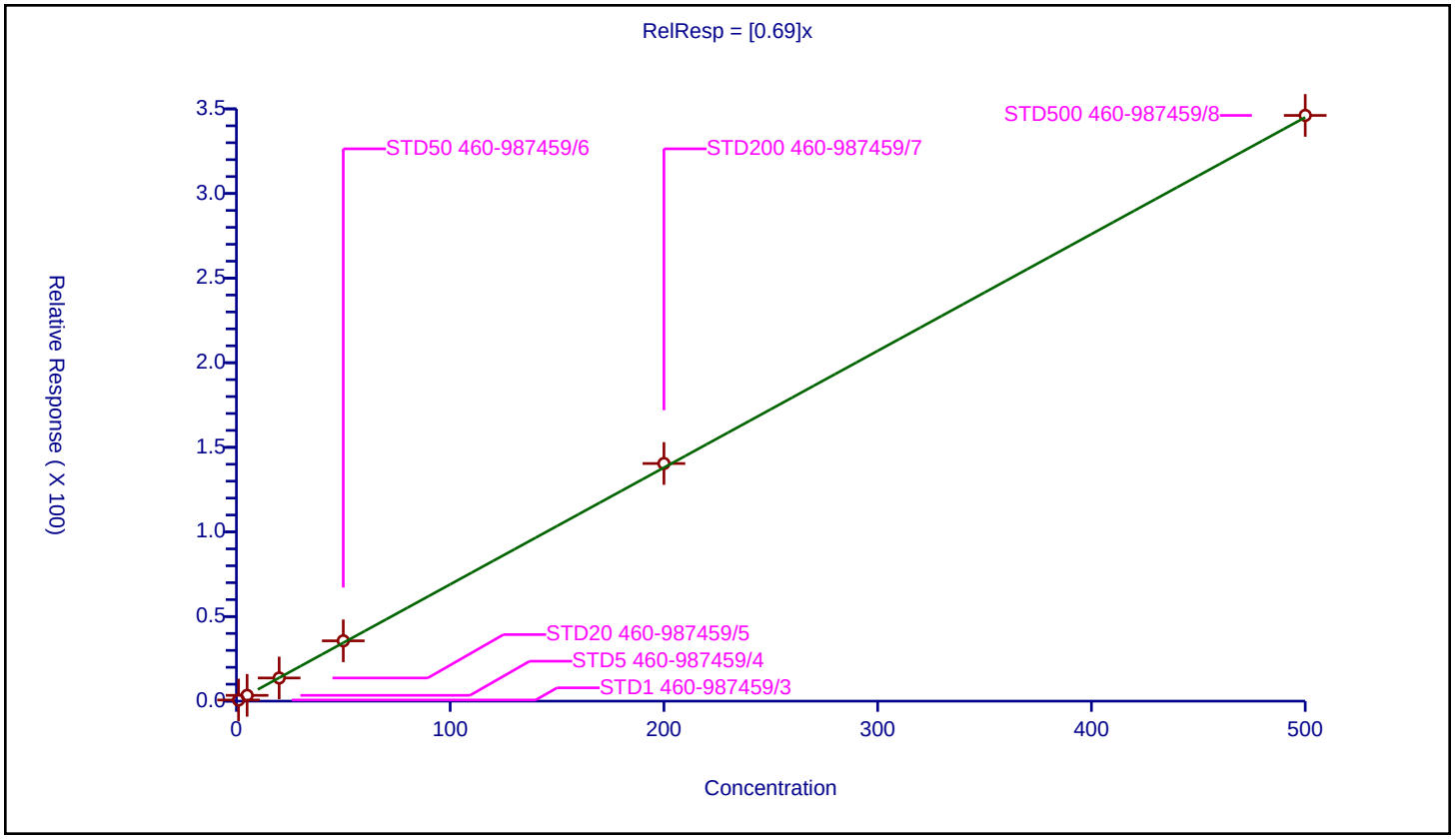
Curve Coefficients

Intercept:	0
Slope:	0.69

Error Coefficients

Relative Standard Deviation:	2.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	0.664845	50.0	685949.0	0.664845	Y
2	STD5 460-987459/4	5.0	3.417362	50.0	711104.0	0.683472	Y
3	STD20 460-987459/5	20.0	13.684887	50.0	744259.0	0.684244	Y
4	STD50 460-987459/6	50.0	35.646197	50.0	730559.0	0.712924	Y
5	STD200 460-987459/7	200.0	140.431377	50.0	695215.0	0.702157	Y
6	STD500 460-987459/8	500.0	346.14905	50.0	716901.0	0.692298	Y



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Calibration / 2-Chloro-1,3-butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

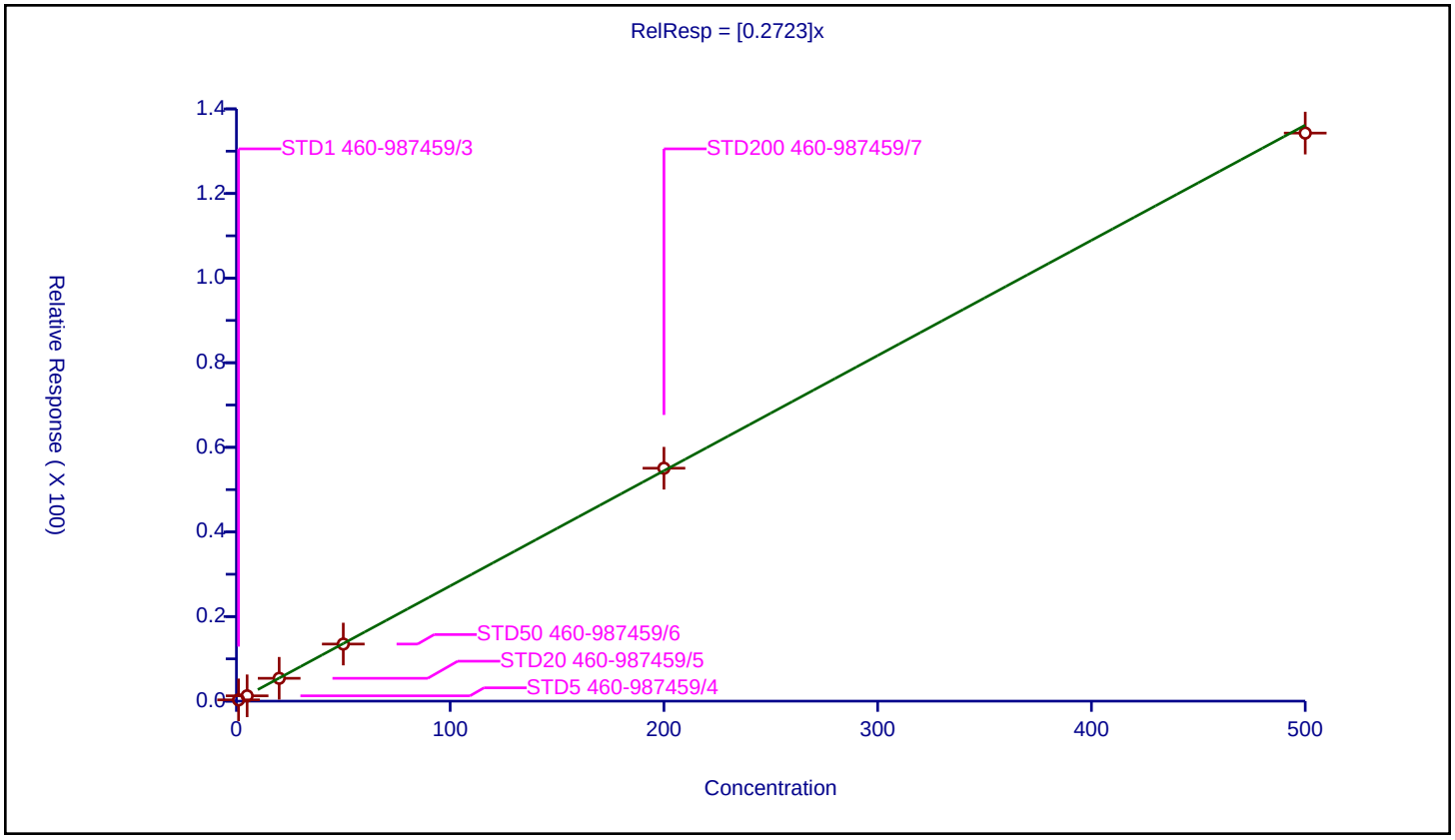
Curve Coefficients

Intercept:	0
Slope:	0.2723

Error Coefficients

Relative Standard Deviation:	5.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	0.299585	50.0	685949.0	0.299585	Y
2	STD5 460-987459/4	5.0	1.253333	50.0	711104.0	0.250667	Y
3	STD20 460-987459/5	20.0	5.39671	50.0	744259.0	0.269836	Y
4	STD50 460-987459/6	50.0	13.496993	50.0	730559.0	0.26994	Y
5	STD200 460-987459/7	200.0	55.062319	50.0	695215.0	0.275312	Y
6	STD500 460-987459/8	500.0	134.283116	50.0	716901.0	0.268566	Y



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Calibration / Tert-butyl ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

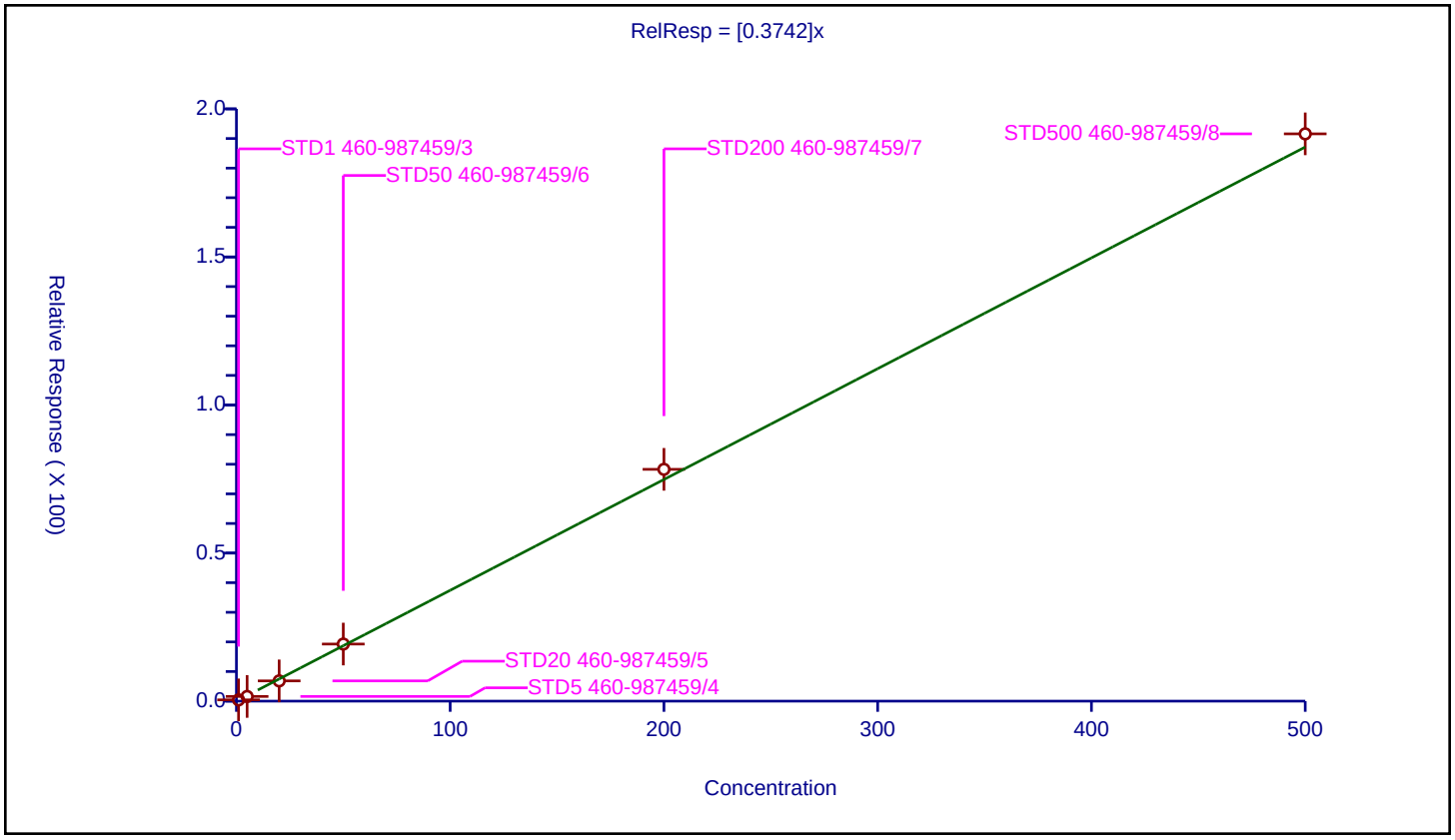
Curve Coefficients

Intercept:	0
Slope:	0.3742

Error Coefficients

Relative Standard Deviation:	10.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	0.426271	50.0	685949.0	0.426271	Y
2	STD5 460-987459/4	5.0	1.585352	50.0	711104.0	0.31707	Y
3	STD20 460-987459/5	20.0	6.837606	50.0	744259.0	0.34188	Y
4	STD50 460-987459/6	50.0	19.277772	50.0	730559.0	0.385555	Y
5	STD200 460-987459/7	200.0	78.281683	50.0	695215.0	0.391408	Y
6	STD500 460-987459/8	500.0	191.57429	50.0	716901.0	0.383149	Y



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Calibration / cis-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

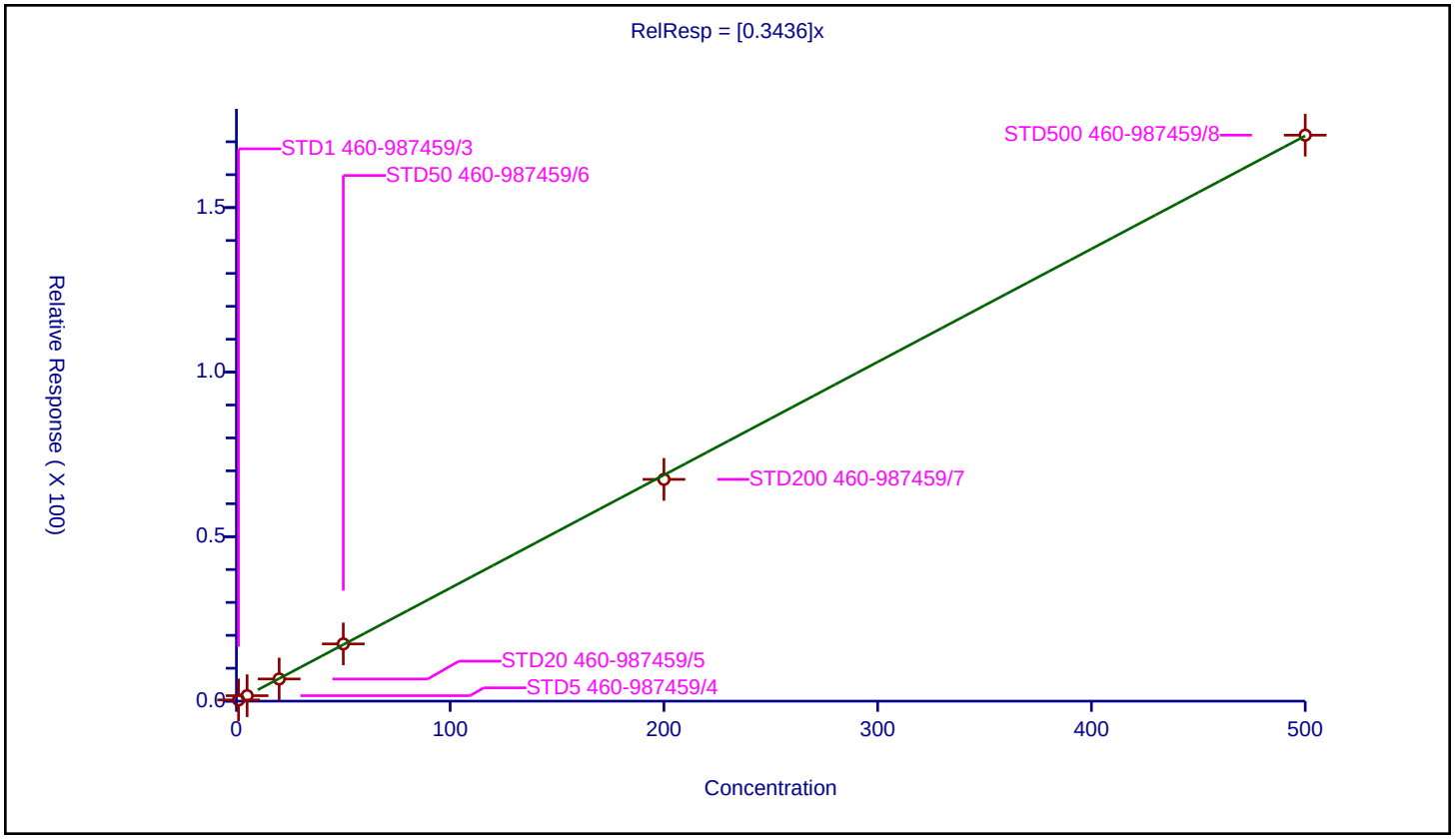
Curve Coefficients

Intercept:	0
Slope:	0.3436

Error Coefficients

Relative Standard Deviation:	3.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	0.364459	50.0	685949.0	0.364459	Y
2	STD5 460-987459/4	5.0	1.656649	50.0	711104.0	0.33133	Y
3	STD20 460-987459/5	20.0	6.740328	50.0	744259.0	0.337016	Y
4	STD50 460-987459/6	50.0	17.389492	50.0	730559.0	0.34779	Y
5	STD200 460-987459/7	200.0	67.398143	50.0	695215.0	0.336991	Y
6	STD500 460-987459/8	500.0	172.022357	50.0	716901.0	0.344045	Y



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Calibration / 2-Butanone (MEK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

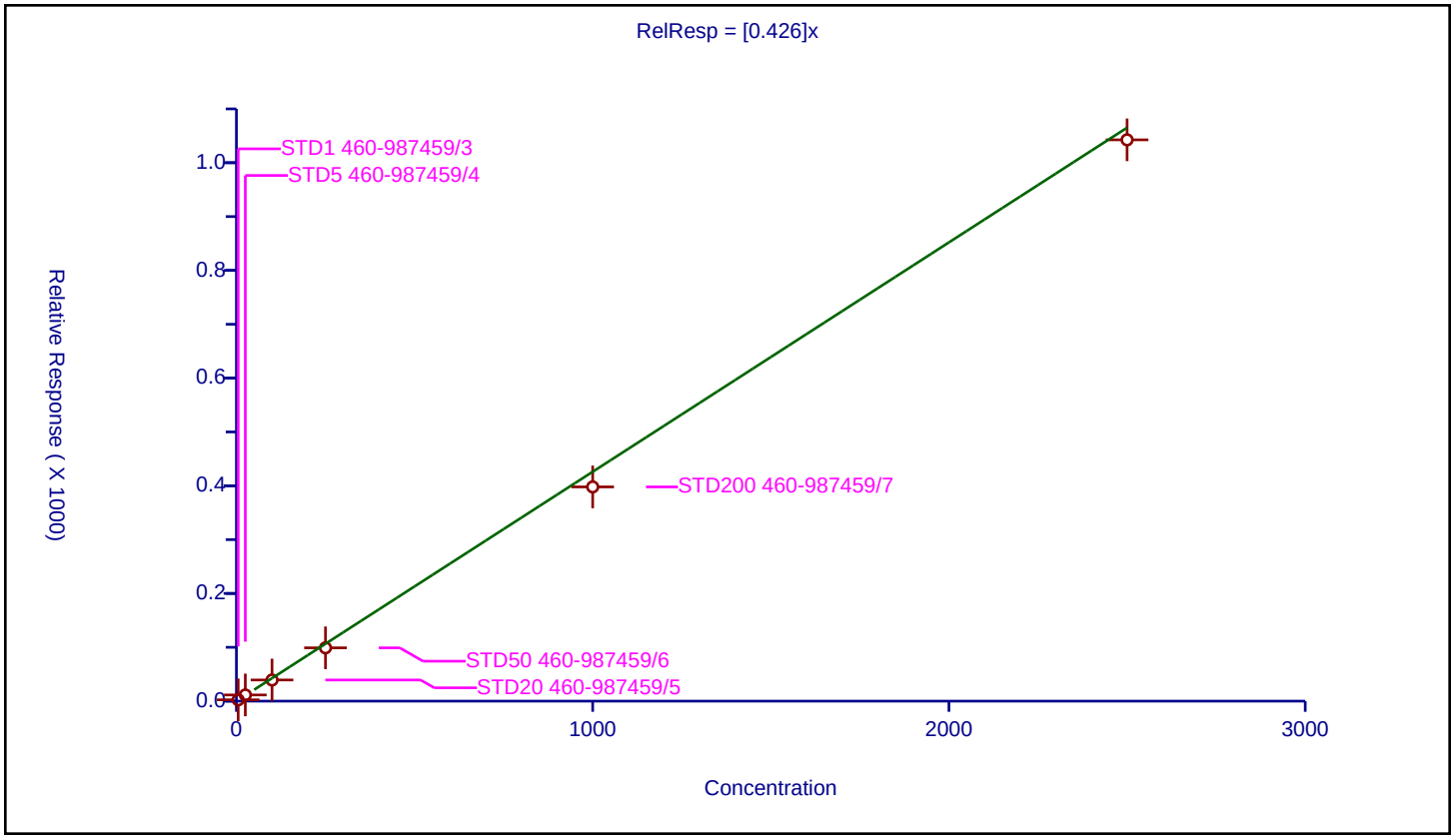
Curve Coefficients

Intercept:	0
Slope:	0.426

Error Coefficients

Relative Standard Deviation:	9.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	5.0	2.462933	250.0	234172.0	0.492587	Y
2	STD5 460-987459/4	25.0	11.494078	250.0	262483.0	0.459763	Y
3	STD20 460-987459/5	100.0	39.27988	250.0	268719.0	0.392799	Y
4	STD50 460-987459/6	250.0	99.02316	250.0	274047.0	0.396093	Y
5	STD200 460-987459/7	1000.0	397.9025	250.0	273087.0	0.397902	Y
6	STD500 460-987459/8	2500.0	1042.516205	250.0	256561.0	0.417006	Y



Calibration / 2,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

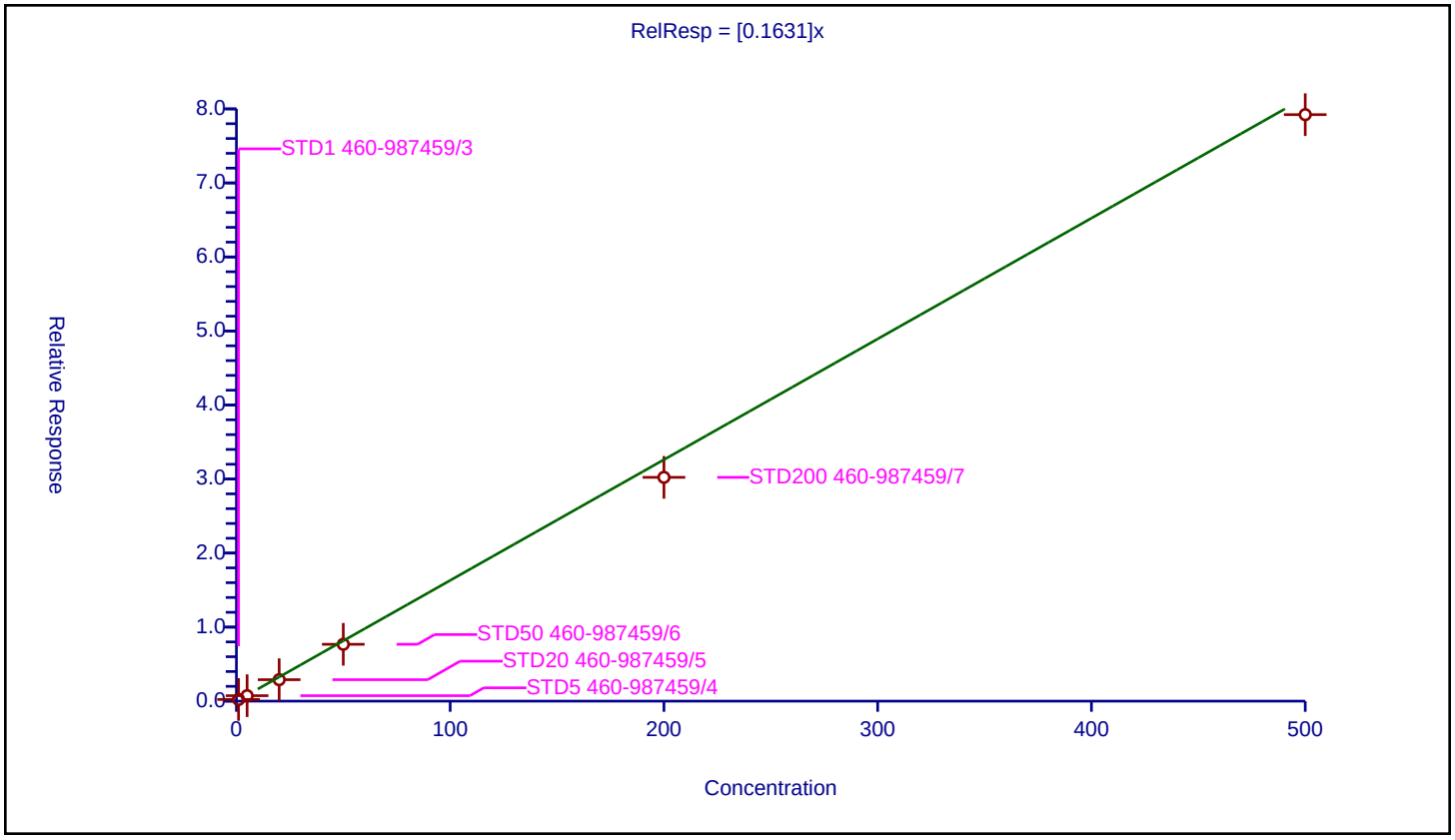
Curve Coefficients

Intercept:	0
Slope:	0.1631

Error Coefficients

Relative Standard Deviation:	18.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	0.223559	50.0	685949.0	0.223559	Y
2	STD5 460-987459/4	5.0	0.734562	50.0	711104.0	0.146912	Y
3	STD20 460-987459/5	20.0	2.897647	50.0	744259.0	0.144882	Y
4	STD50 460-987459/6	50.0	7.68042	50.0	730559.0	0.153608	Y
5	STD200 460-987459/7	200.0	30.231223	50.0	695215.0	0.151156	Y
6	STD500 460-987459/8	500.0	79.222654	50.0	716901.0	0.158445	Y



Calibration / Ethyl acetate

Curve Type:	Quadratic
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

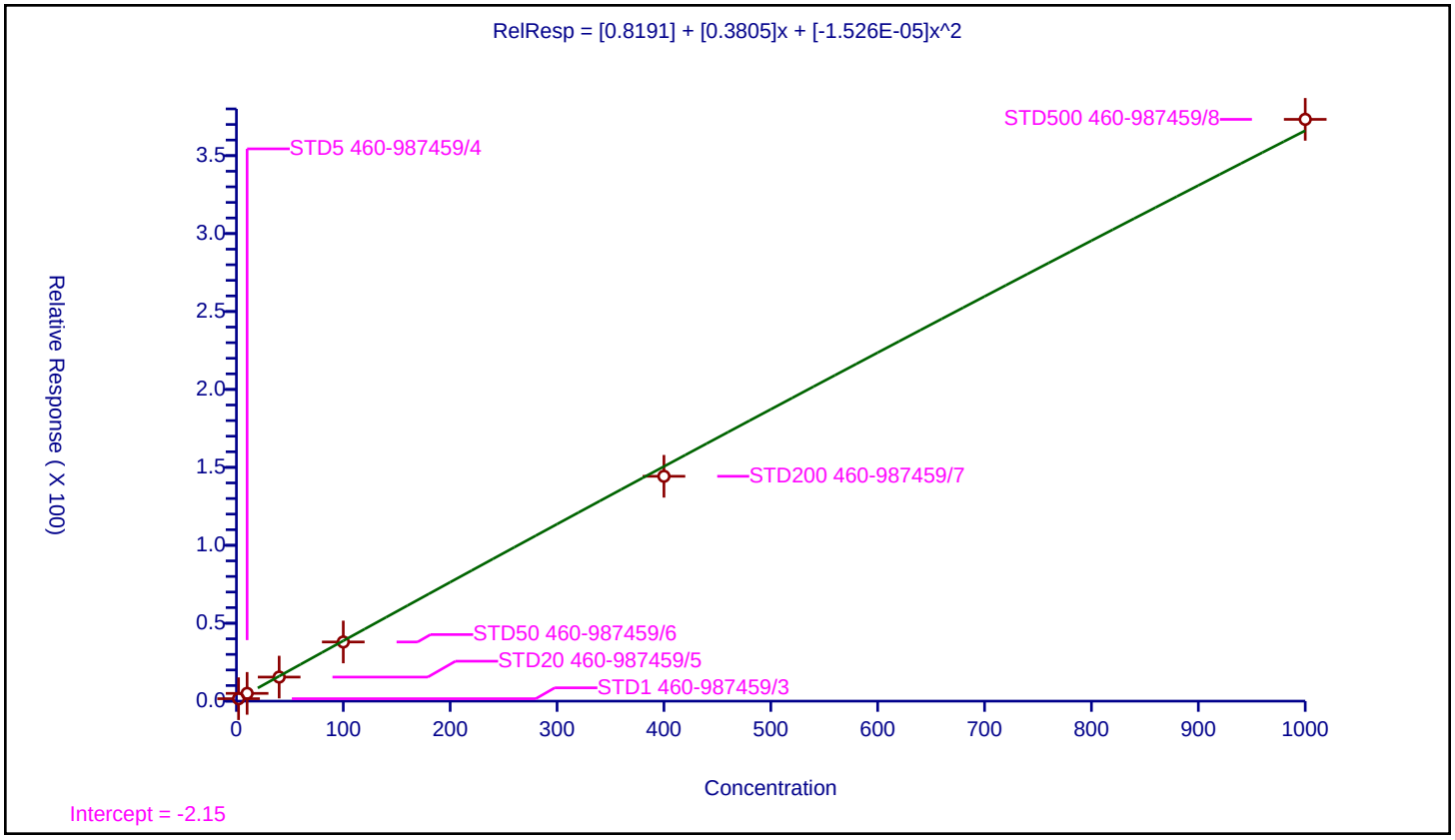
Curve Coefficients

Intercept:	0.8191
Slope:	0.3805
Second Order:	-1.526E-05

Error Coefficients

Relative Standard Deviation:	6.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	2.0	1.567224	250.0	234172.0	0.783612	Y
2	STD5 460-987459/4	10.0	4.98699	250.0	262483.0	0.498699	Y
3	STD20 460-987459/5	40.0	15.447363	250.0	268719.0	0.386184	Y
4	STD50 460-987459/6	100.0	37.96794	250.0	274047.0	0.379679	Y
5	STD200 460-987459/7	400.0	144.276366	250.0	273087.0	0.360691	Y
6	STD500 460-987459/8	1000.0	373.291342	250.0	256561.0	0.373291	Y



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Calibration / Propionitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

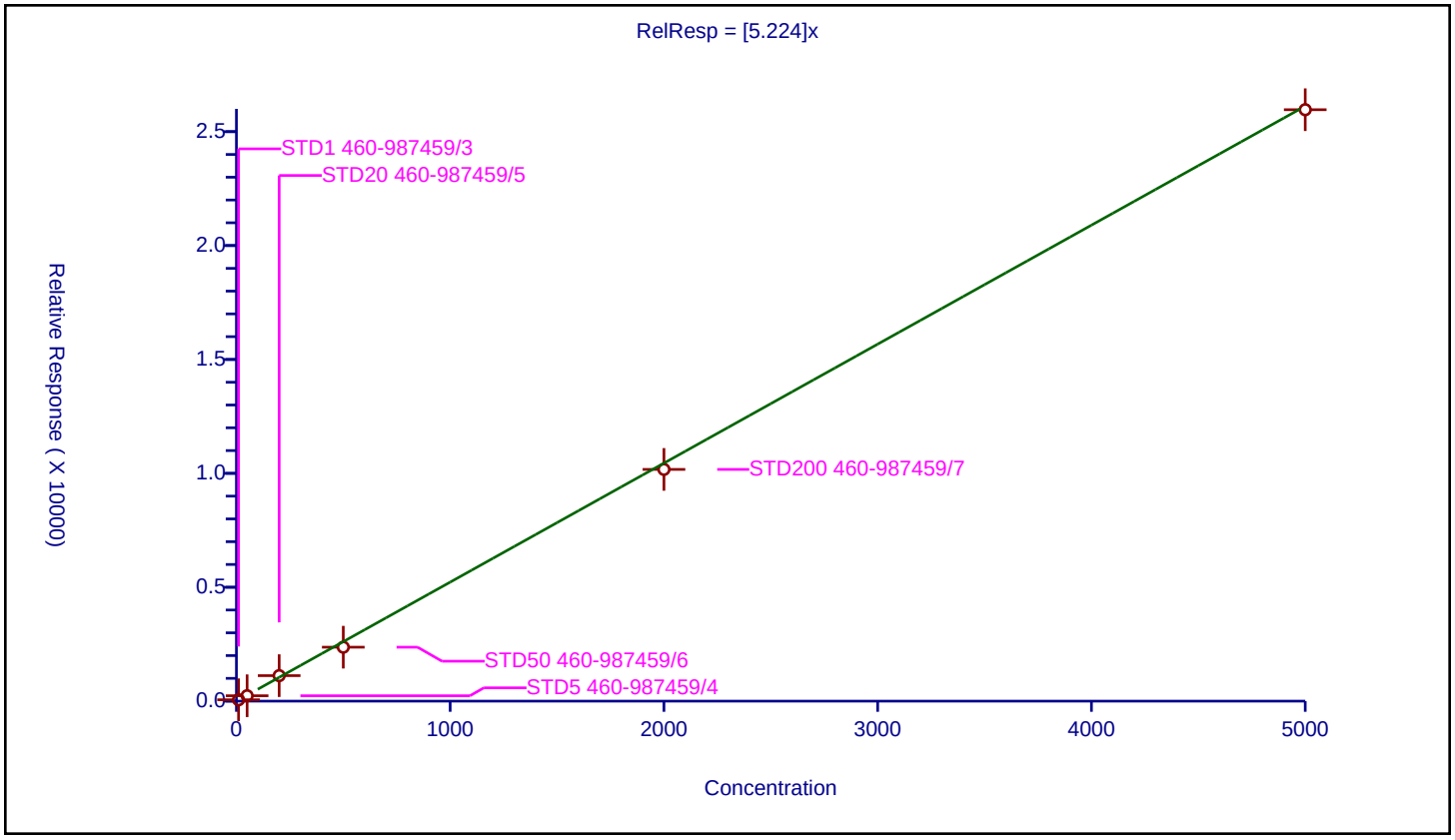
Curve Coefficients

Intercept:	0
Slope:	5.224

Error Coefficients

Relative Standard Deviation:	9.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	10.0	60.064956	1000.0	78515.0	6.006496	Y
2	STD5 460-987459/4	50.0	236.290612	1000.0	94862.0	4.725812	Y
3	STD20 460-987459/5	200.0	1119.024107	1000.0	86075.0	5.595121	Y
4	STD50 460-987459/6	500.0	2368.597081	1000.0	100462.0	4.737194	Y
5	STD200 460-987459/7	2000.0	10173.044696	1000.0	94282.0	5.086522	Y
6	STD500 460-987459/8	5000.0	25963.268244	1000.0	86138.0	5.192654	Y



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Calibration / Methyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

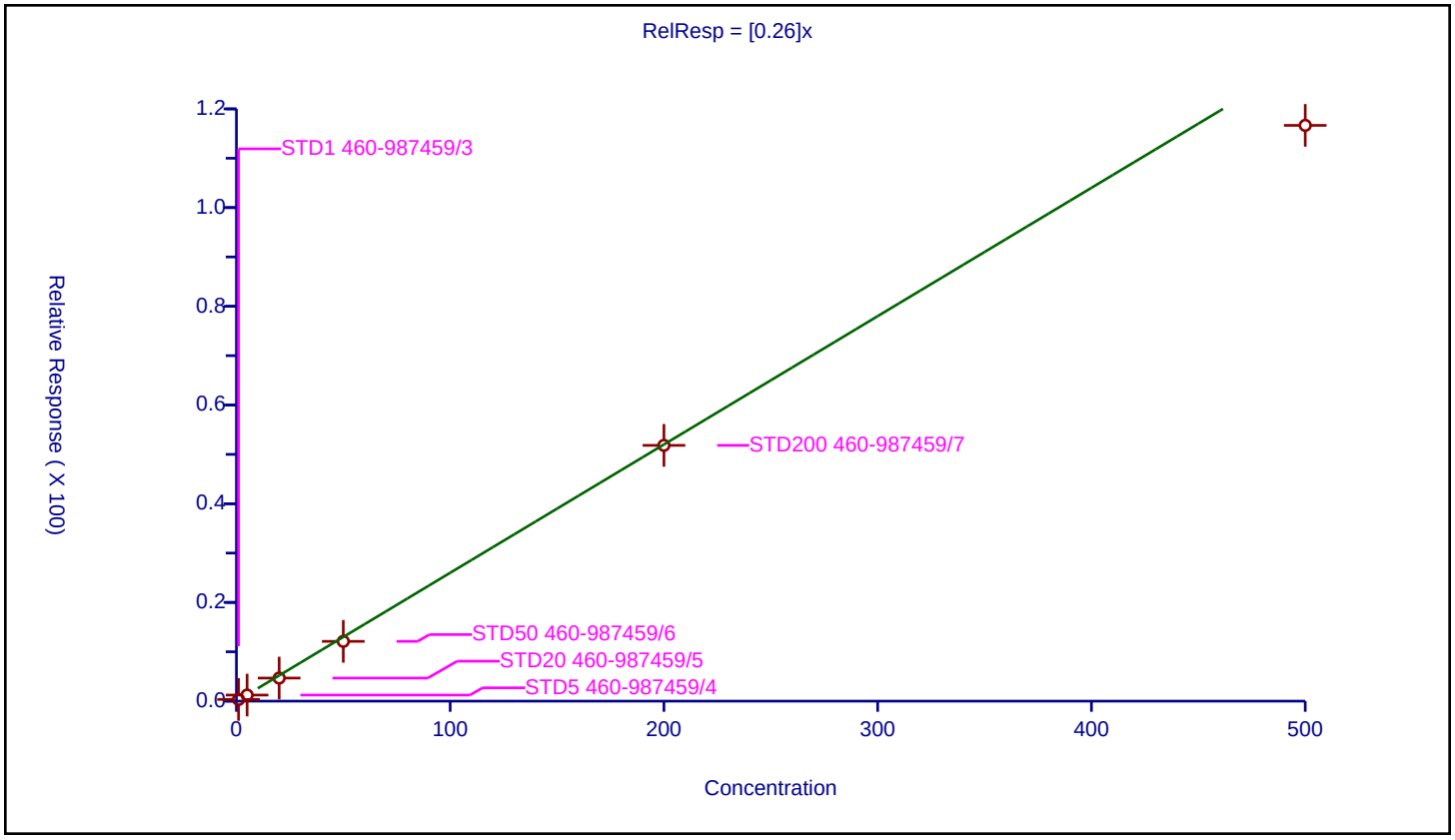
Curve Coefficients

Intercept:	0
Slope:	0.26

Error Coefficients

Relative Standard Deviation:	16.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	0.344559	50.0	685949.0	0.344559	Y
2	STD5 460-987459/4	5.0	1.234208	50.0	711104.0	0.246842	Y
3	STD20 460-987459/5	20.0	4.67821	50.0	744259.0	0.233911	Y
4	STD50 460-987459/6	50.0	12.114833	50.0	730559.0	0.242297	Y
5	STD200 460-987459/7	200.0	51.828211	50.0	695215.0	0.259141	Y
6	STD500 460-987459/8	500.0	116.661854	50.0	716901.0	0.233324	Y



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Calibration / Methacrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

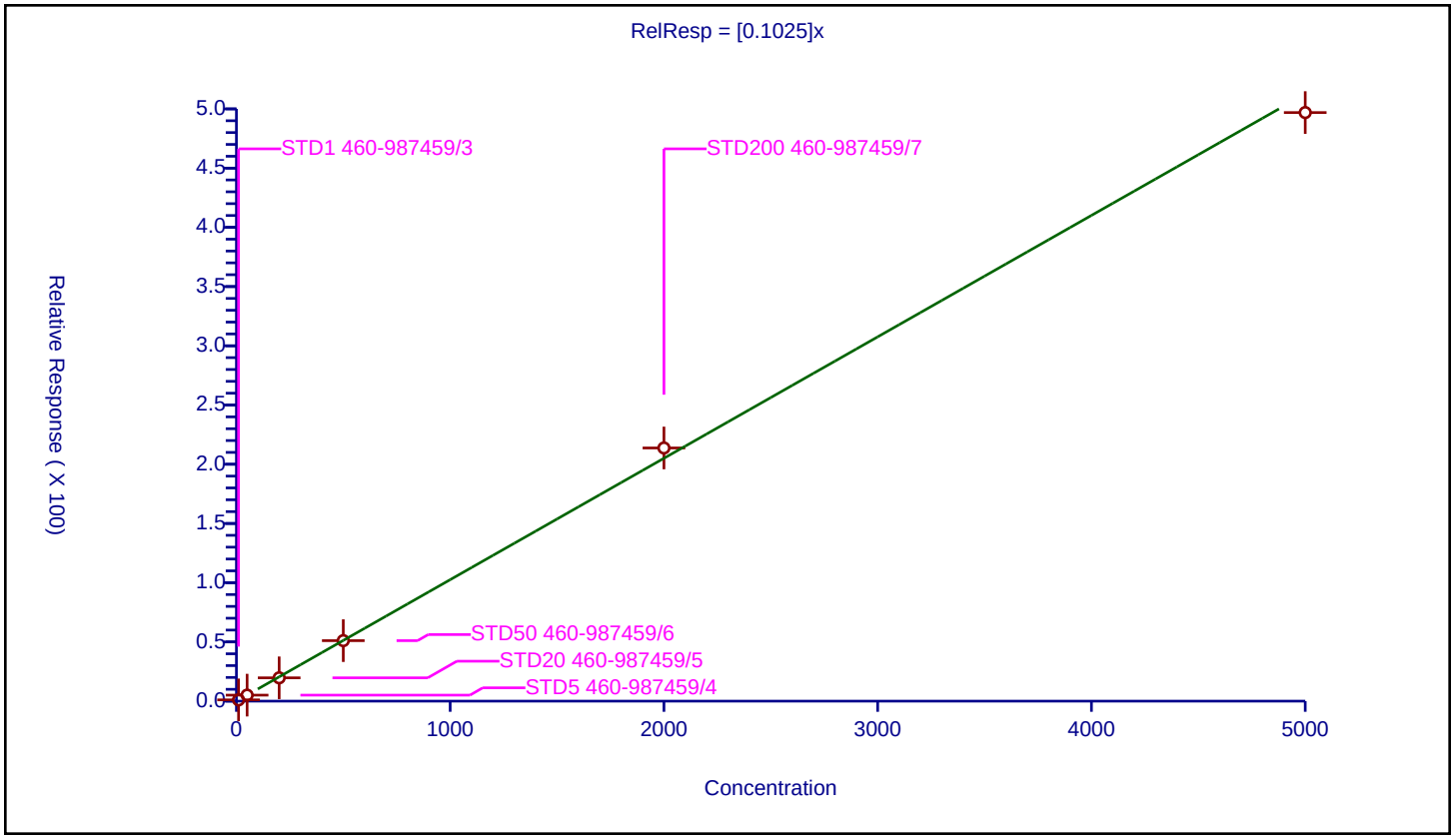
Curve Coefficients

Intercept:	0
Slope:	0.1025

Error Coefficients

Relative Standard Deviation:	3.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	10.0	1.067135	50.0	685949.0	0.106713	Y
2	STD5 460-987459/4	50.0	5.080129	50.0	711104.0	0.101603	Y
3	STD20 460-987459/5	200.0	19.675543	50.0	744259.0	0.098378	Y
4	STD50 460-987459/6	500.0	51.079926	50.0	730559.0	0.10216	Y
5	STD200 460-987459/7	2000.0	213.742008	50.0	695215.0	0.106871	Y
6	STD500 460-987459/8	5000.0	496.907872	50.0	716901.0	0.099382	Y



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Calibration / Chlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

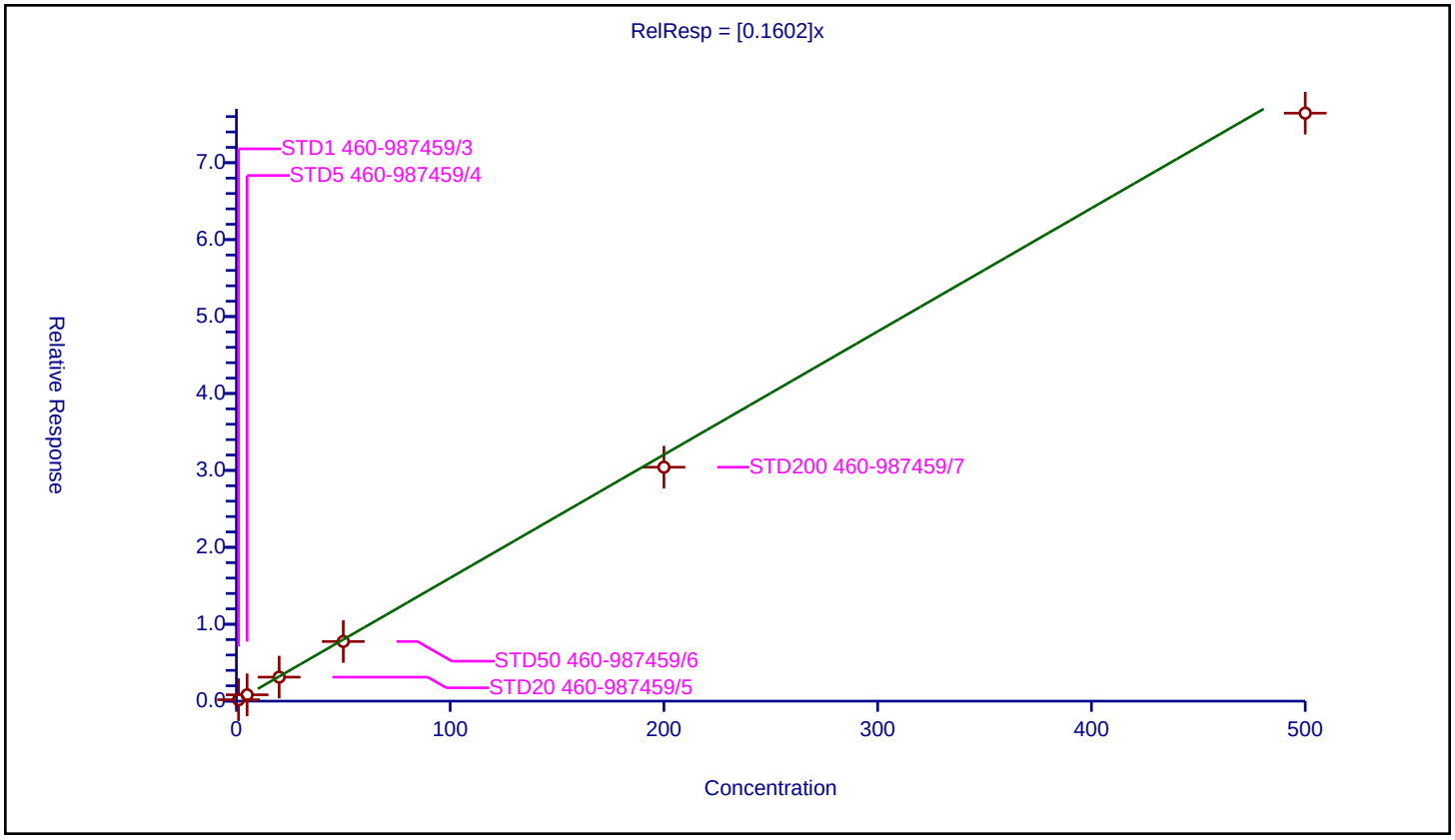
Curve Coefficients

Intercept:	0
Slope:	0.1602

Error Coefficients

Relative Standard Deviation:	6.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	0.180115	50.0	685949.0	0.180115	Y
2	STD5 460-987459/4	5.0	0.824914	50.0	711104.0	0.164983	Y
3	STD20 460-987459/5	20.0	3.122367	50.0	744259.0	0.156118	Y
4	STD50 460-987459/6	50.0	7.756321	50.0	730559.0	0.155126	Y
5	STD200 460-987459/7	200.0	30.414045	50.0	695215.0	0.15207	Y
6	STD500 460-987459/8	500.0	76.445353	50.0	716901.0	0.152891	Y



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Calibration / Tetrahydrofuran

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

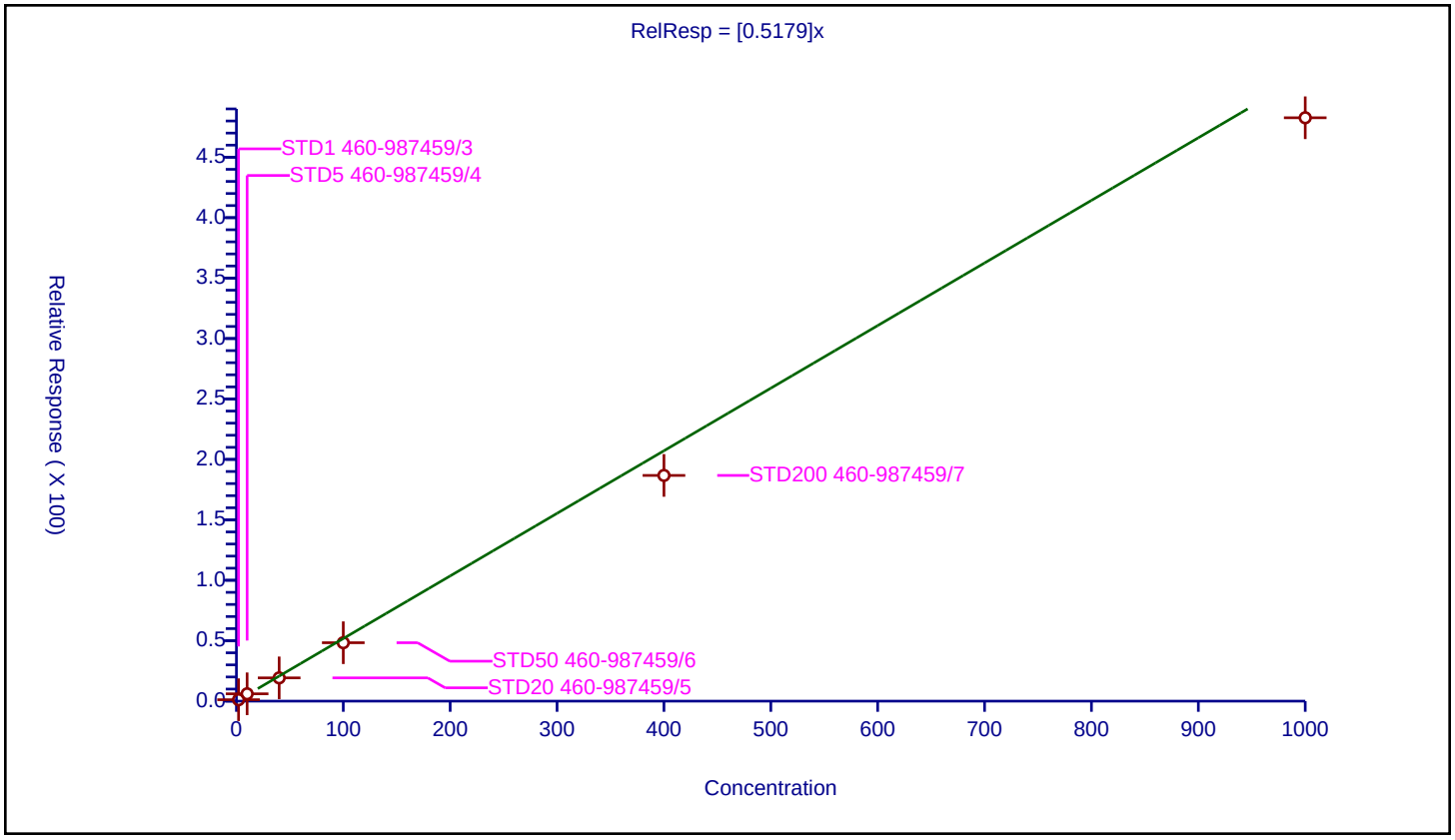
Curve Coefficients

Intercept:	0
Slope:	0.5179

Error Coefficients

Relative Standard Deviation:	11.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	2.0	1.173283	250.0	234172.0	0.586641	Y
2	STD5 460-987459/4	10.0	6.065155	250.0	262483.0	0.606515	Y
3	STD20 460-987459/5	40.0	19.250593	250.0	268719.0	0.481265	Y
4	STD50 460-987459/6	100.0	48.336599	250.0	274047.0	0.483366	Y
5	STD200 460-987459/7	400.0	186.732616	250.0	273087.0	0.466832	Y
6	STD500 460-987459/8	1000.0	482.654223	250.0	256561.0	0.482654	Y



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Calibration / Chloroform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

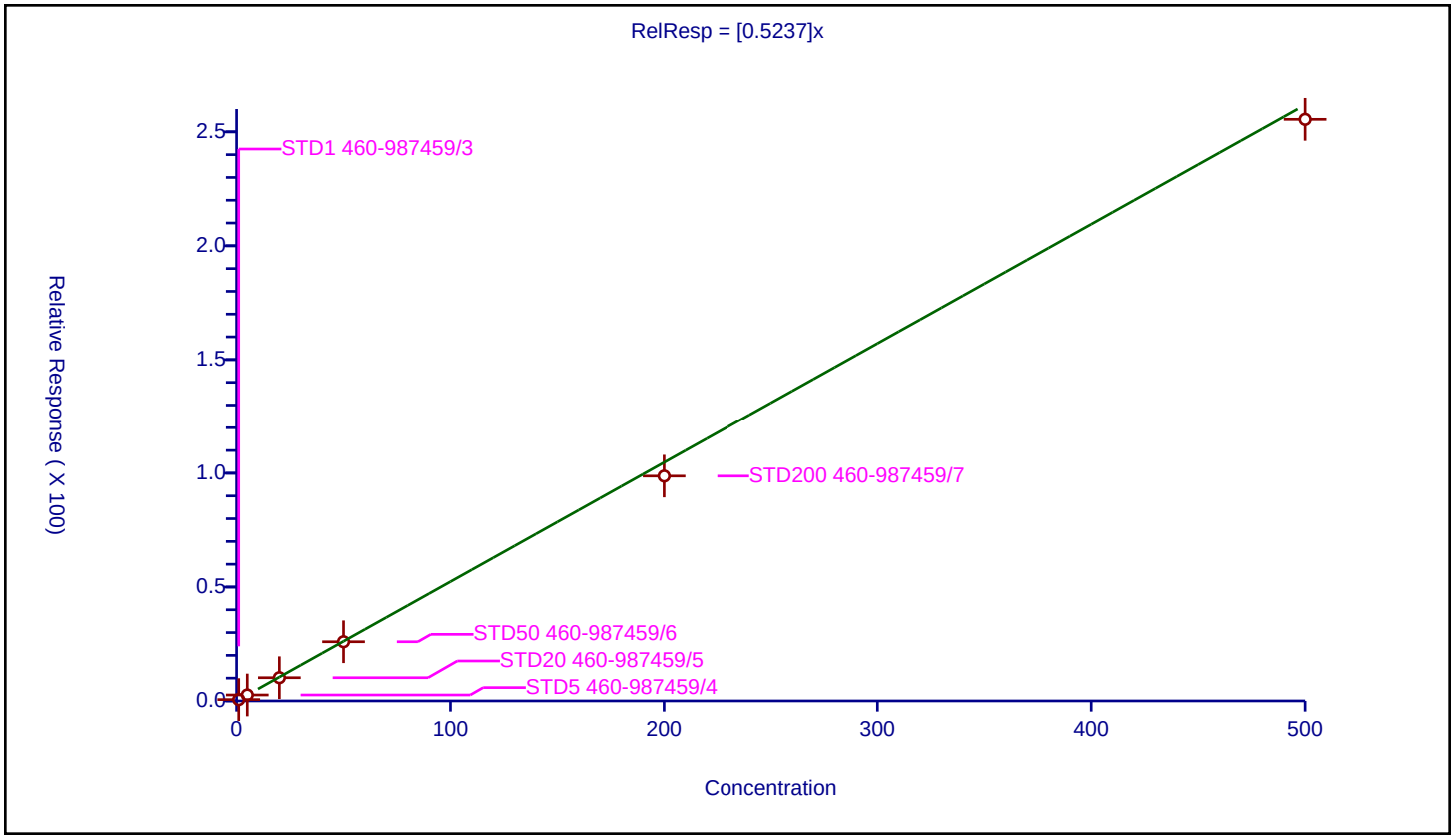
Curve Coefficients

Intercept:	0
Slope:	0.5237

Error Coefficients

Relative Standard Deviation:	6.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	0.585612	50.0	685949.0	0.585612	Y
2	STD5 460-987459/4	5.0	2.614315	50.0	711104.0	0.522863	Y
3	STD20 460-987459/5	20.0	10.189464	50.0	744259.0	0.509473	Y
4	STD50 460-987459/6	50.0	25.971961	50.0	730559.0	0.519439	Y
5	STD200 460-987459/7	200.0	98.739455	50.0	695215.0	0.493697	Y
6	STD500 460-987459/8	500.0	255.483812	50.0	716901.0	0.510968	Y



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Calibration / Dibromofluoromethane (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

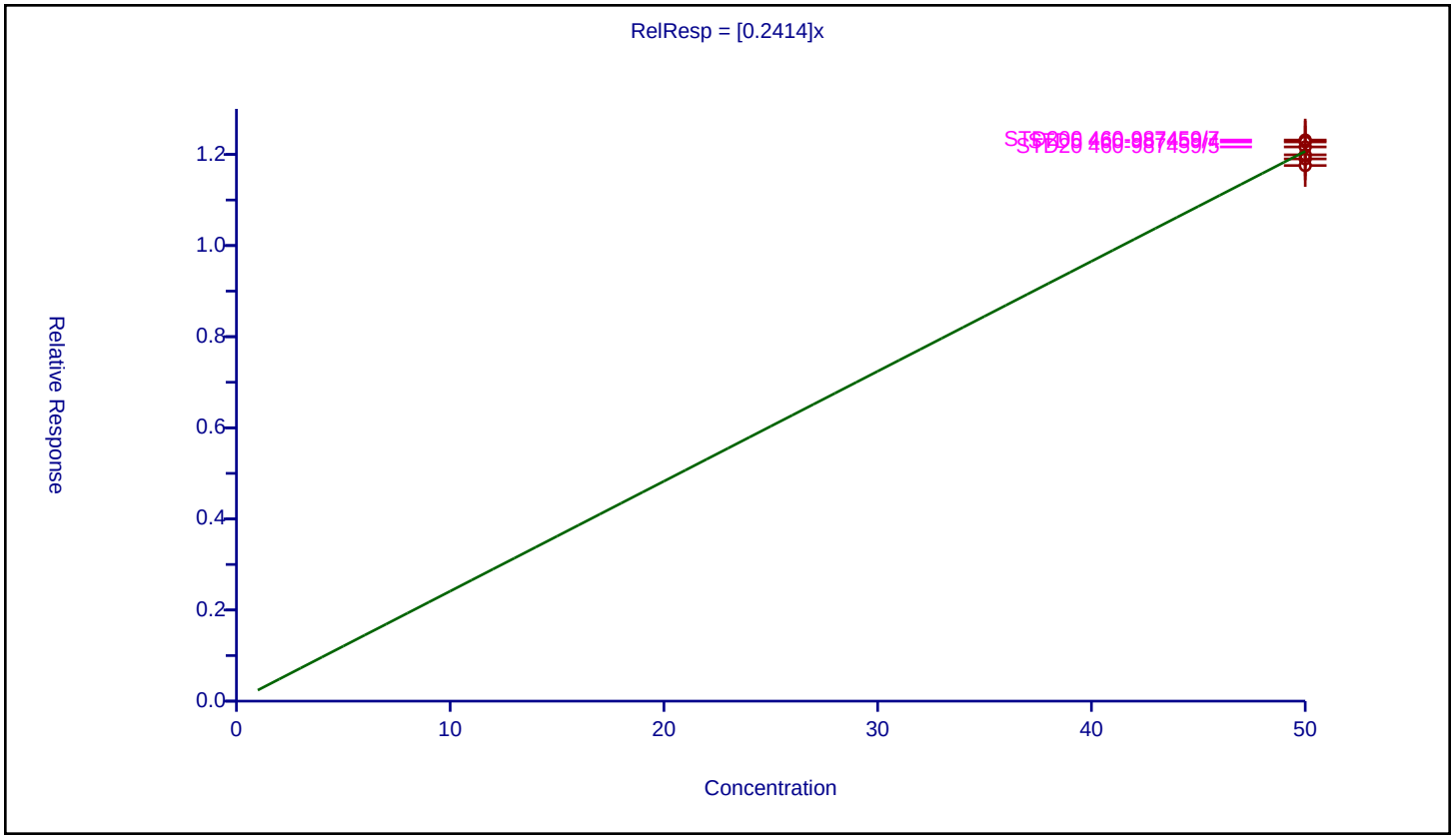
Curve Coefficients

Intercept:	0
Slope:	0.2414

Error Coefficients

Relative Standard Deviation:	1.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	50.0	11.756632	50.0	685949.0	0.235133	Y
2	STD5 460-987459/4	50.0	12.274857	50.0	711104.0	0.245497	Y
3	STD20 460-987459/5	50.0	12.165321	50.0	744259.0	0.243306	Y
4	STD50 460-987459/6	50.0	11.991845	50.0	730559.0	0.239837	Y
5	STD200 460-987459/7	50.0	12.316406	50.0	695215.0	0.246328	Y
6	STD500 460-987459/8	50.0	11.902341	50.0	716901.0	0.238047	Y



Calibration / 1,1,1-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

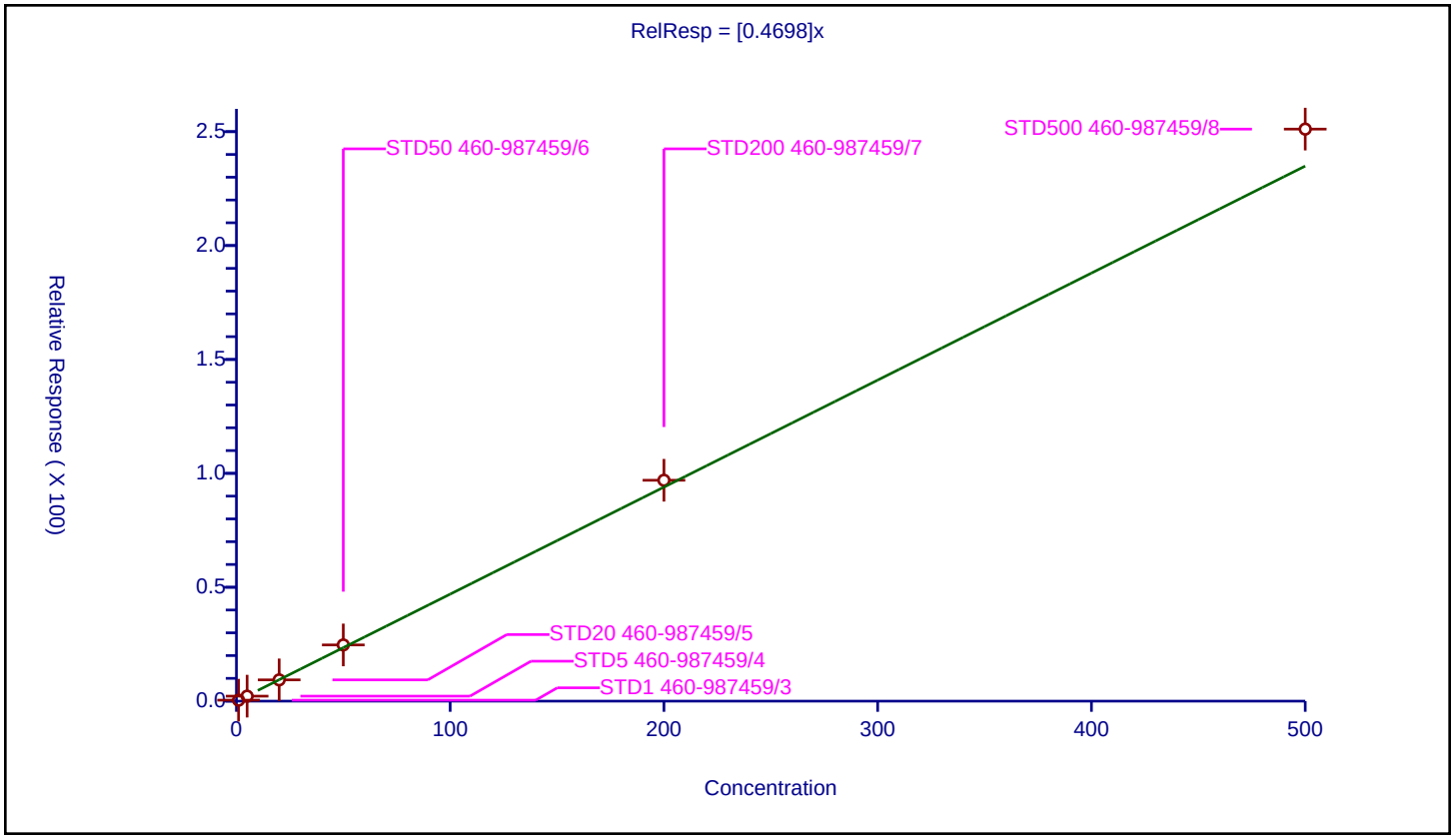
Curve Coefficients

Intercept:	0
Slope:	0.4698

Error Coefficients

Relative Standard Deviation:	6.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	0.432321	50.0	685949.0	0.432321	Y
2	STD5 460-987459/4	5.0	2.19567	50.0	711104.0	0.439134	Y
3	STD20 460-987459/5	20.0	9.334922	50.0	744259.0	0.466746	Y
4	STD50 460-987459/6	50.0	24.674872	50.0	730559.0	0.493497	Y
5	STD200 460-987459/7	200.0	96.968564	50.0	695215.0	0.484843	Y
6	STD500 460-987459/8	500.0	251.122889	50.0	716901.0	0.502246	Y



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Calibration / Cyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

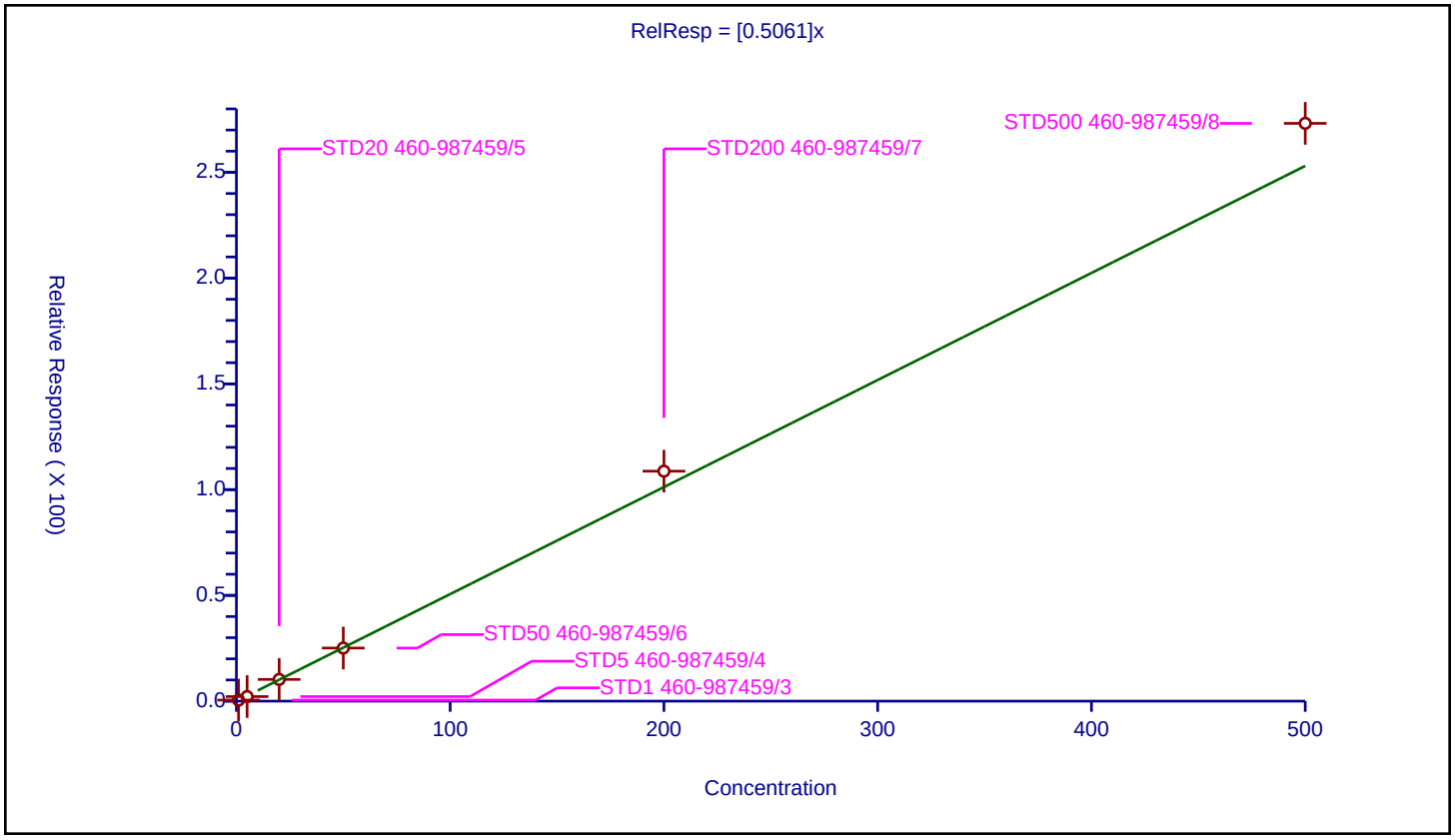
Curve Coefficients

Intercept:	0
Slope:	0.5061

Error Coefficients

Relative Standard Deviation:	8.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	0.498725	50.0	685949.0	0.498725	Y
2	STD5 460-987459/4	5.0	2.162694	50.0	711104.0	0.432539	Y
3	STD20 460-987459/5	20.0	10.264169	50.0	744259.0	0.513208	Y
4	STD50 460-987459/6	50.0	25.096741	50.0	730559.0	0.501935	Y
5	STD200 460-987459/7	200.0	108.726293	50.0	695215.0	0.543631	Y
6	STD500 460-987459/8	500.0	273.156335	50.0	716901.0	0.546313	Y



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Calibration / 1,1-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

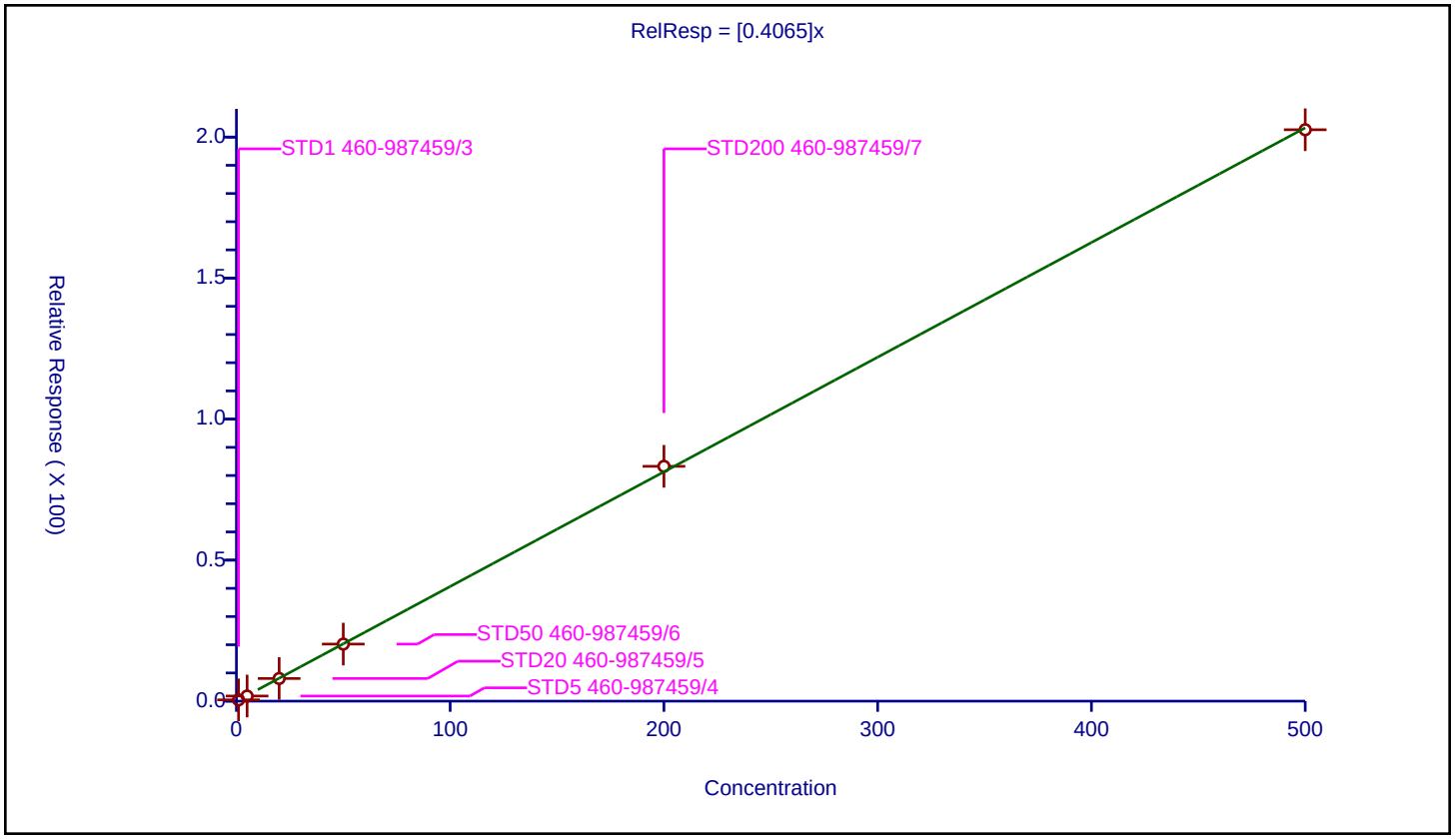
Curve Coefficients

Intercept:	0
Slope:	0.4065

Error Coefficients

Relative Standard Deviation:	6.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	0.448649	50.0	685949.0	0.448649	Y
2	STD5 460-987459/4	5.0	1.813448	50.0	711104.0	0.36269	Y
3	STD20 460-987459/5	20.0	8.036181	50.0	744259.0	0.401809	Y
4	STD50 460-987459/6	50.0	20.231015	50.0	730559.0	0.40462	Y
5	STD200 460-987459/7	200.0	83.264242	50.0	695215.0	0.416321	Y
6	STD500 460-987459/8	500.0	202.601266	50.0	716901.0	0.405203	Y



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Calibration / Carbon tetrachloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

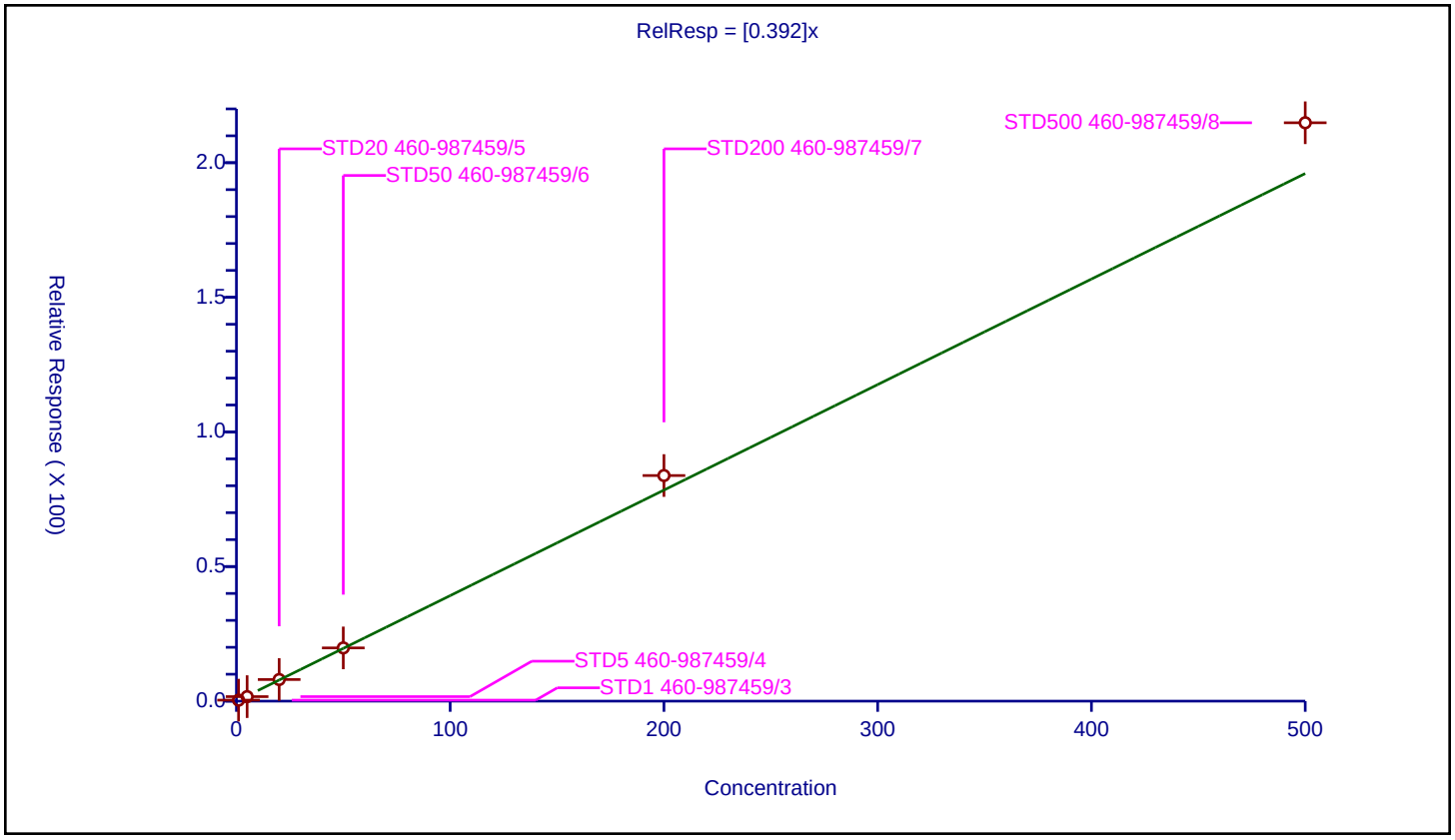
Curve Coefficients

Intercept:	0
Slope:	0.392

Error Coefficients

Relative Standard Deviation:	8.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	0.369998	50.0	685949.0	0.369998	Y
2	STD5 460-987459/4	5.0	1.68154	50.0	711104.0	0.336308	Y
3	STD20 460-987459/5	20.0	8.026843	50.0	744259.0	0.401342	Y
4	STD50 460-987459/6	50.0	19.7765	50.0	730559.0	0.39553	Y
5	STD200 460-987459/7	200.0	83.800839	50.0	695215.0	0.419004	Y
6	STD500 460-987459/8	500.0	214.841728	50.0	716901.0	0.429683	Y



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Calibration / Isobutyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

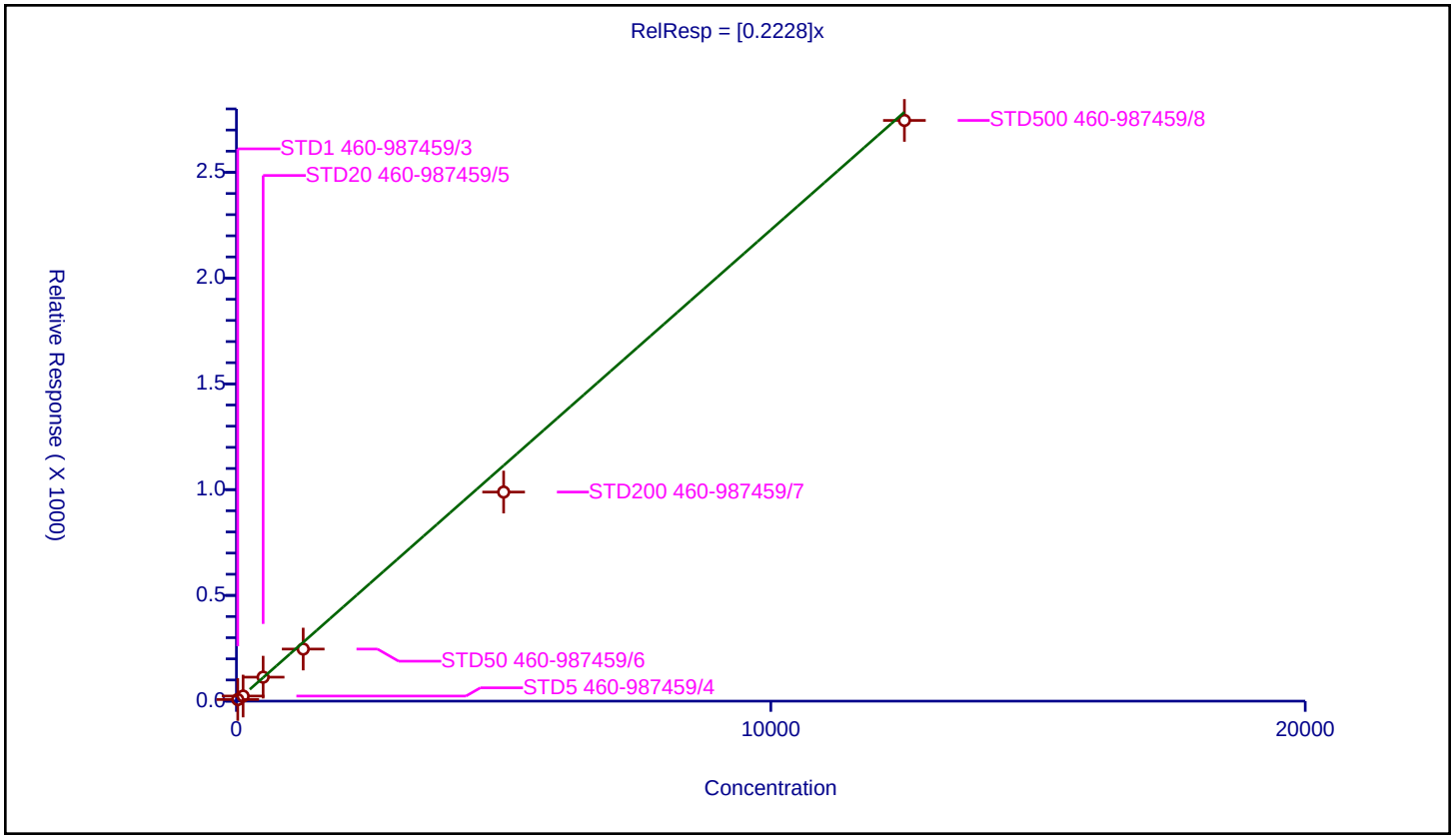
Curve Coefficients

Intercept:	0
Slope:	0.2228

Error Coefficients

Relative Standard Deviation:	18.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	25.0	7.57817	1000.0	78515.0	0.303127	Y
2	STD5 460-987459/4	125.0	24.055997	1000.0	94862.0	0.192448	Y
3	STD20 460-987459/5	500.0	113.412721	1000.0	86075.0	0.226825	Y
4	STD50 460-987459/6	1250.0	246.232406	1000.0	100462.0	0.196986	Y
5	STD200 460-987459/7	5000.0	988.513184	1000.0	94282.0	0.197703	Y
6	STD500 460-987459/8	12500.0	2745.536233	1000.0	86138.0	0.219643	Y



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Calibration / 1,2-Dichloroethane-d4 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

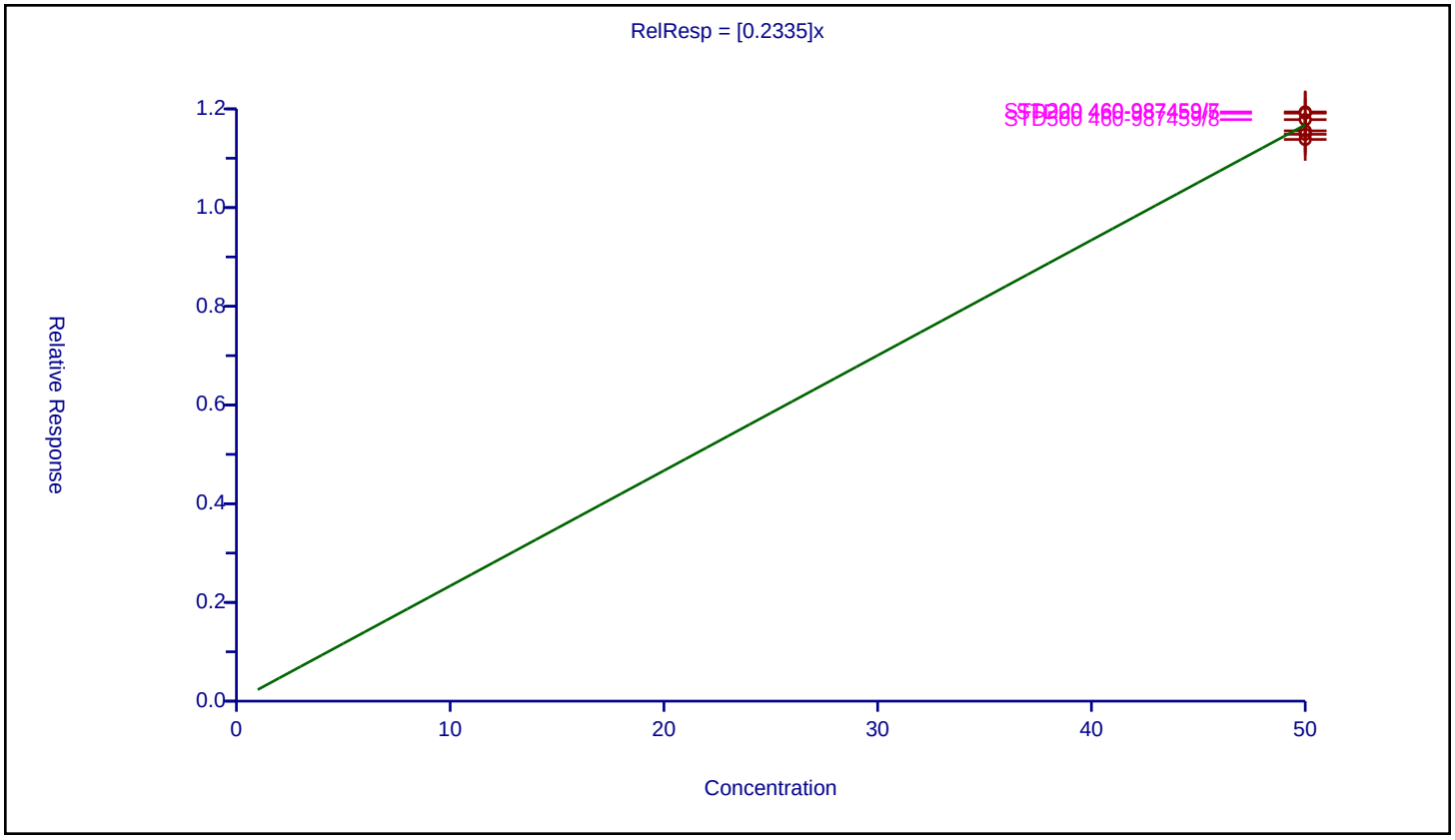
Curve Coefficients

Intercept:	0
Slope:	0.2335

Error Coefficients

Relative Standard Deviation:	2.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	50.0	11.485839	50.0	685949.0	0.229717	Y
2	STD5 460-987459/4	50.0	11.555061	50.0	711104.0	0.231101	Y
3	STD20 460-987459/5	50.0	11.914065	50.0	744259.0	0.238281	Y
4	STD50 460-987459/6	50.0	11.380806	50.0	730559.0	0.227616	Y
5	STD200 460-987459/7	50.0	11.938105	50.0	695215.0	0.238762	Y
6	STD500 460-987459/8	50.0	11.782659	50.0	716901.0	0.235653	Y



Calibration / Benzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

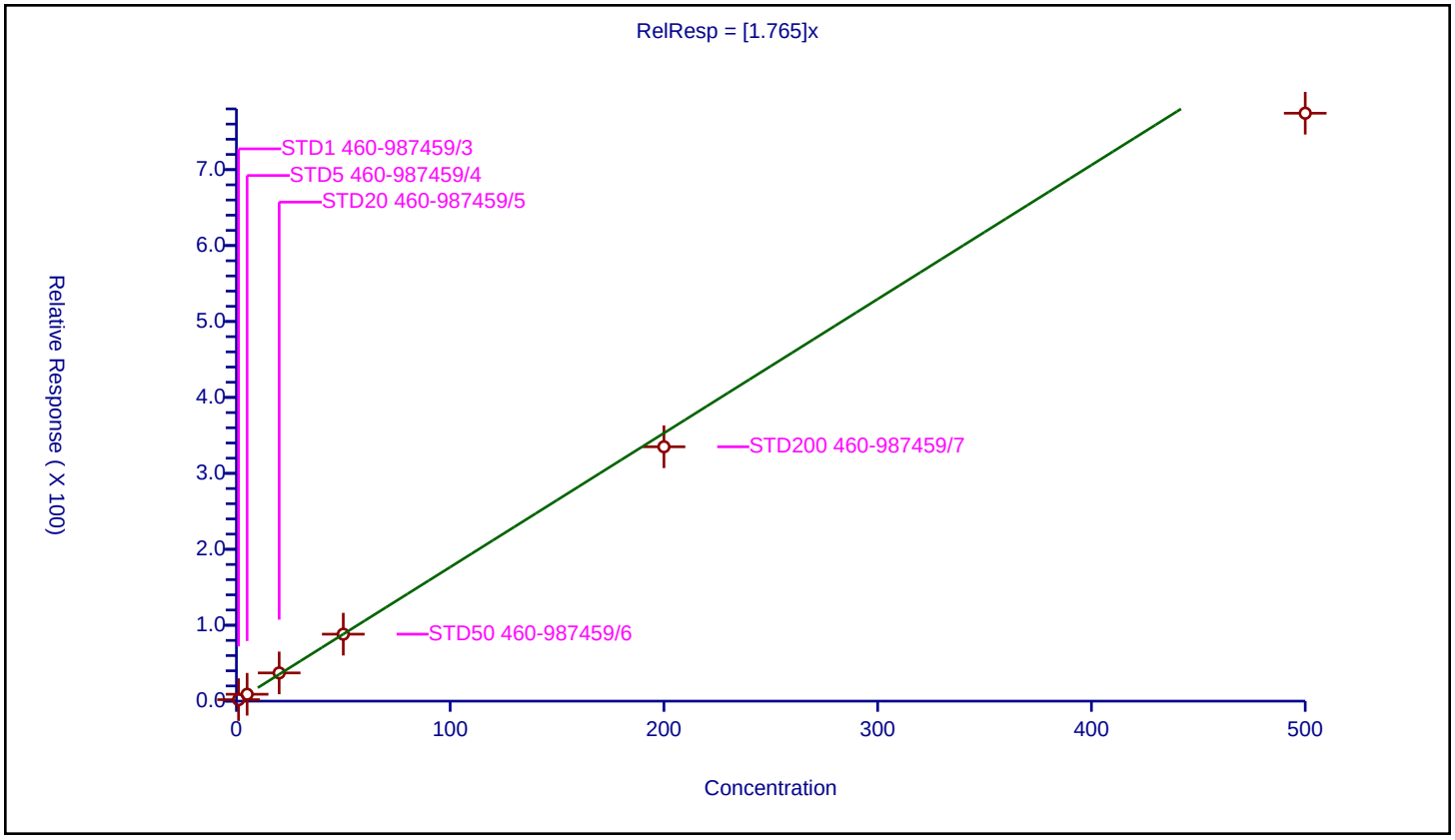
Curve Coefficients

Intercept:	0
Slope:	1.765

Error Coefficients

Relative Standard Deviation:	7.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	1.932011	50.0	450722.0	1.932011	Y
2	STD5 460-987459/4	5.0	9.057917	50.0	451765.0	1.811583	Y
3	STD20 460-987459/5	20.0	37.177117	50.0	484115.0	1.858856	Y
4	STD50 460-987459/6	50.0	88.208594	50.0	512441.0	1.764172	Y
5	STD200 460-987459/7	200.0	334.992799	50.0	506870.0	1.674964	Y
6	STD500 460-987459/8	500.0	774.311586	50.0	576361.0	1.548623	Y



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Calibration / 1,2-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

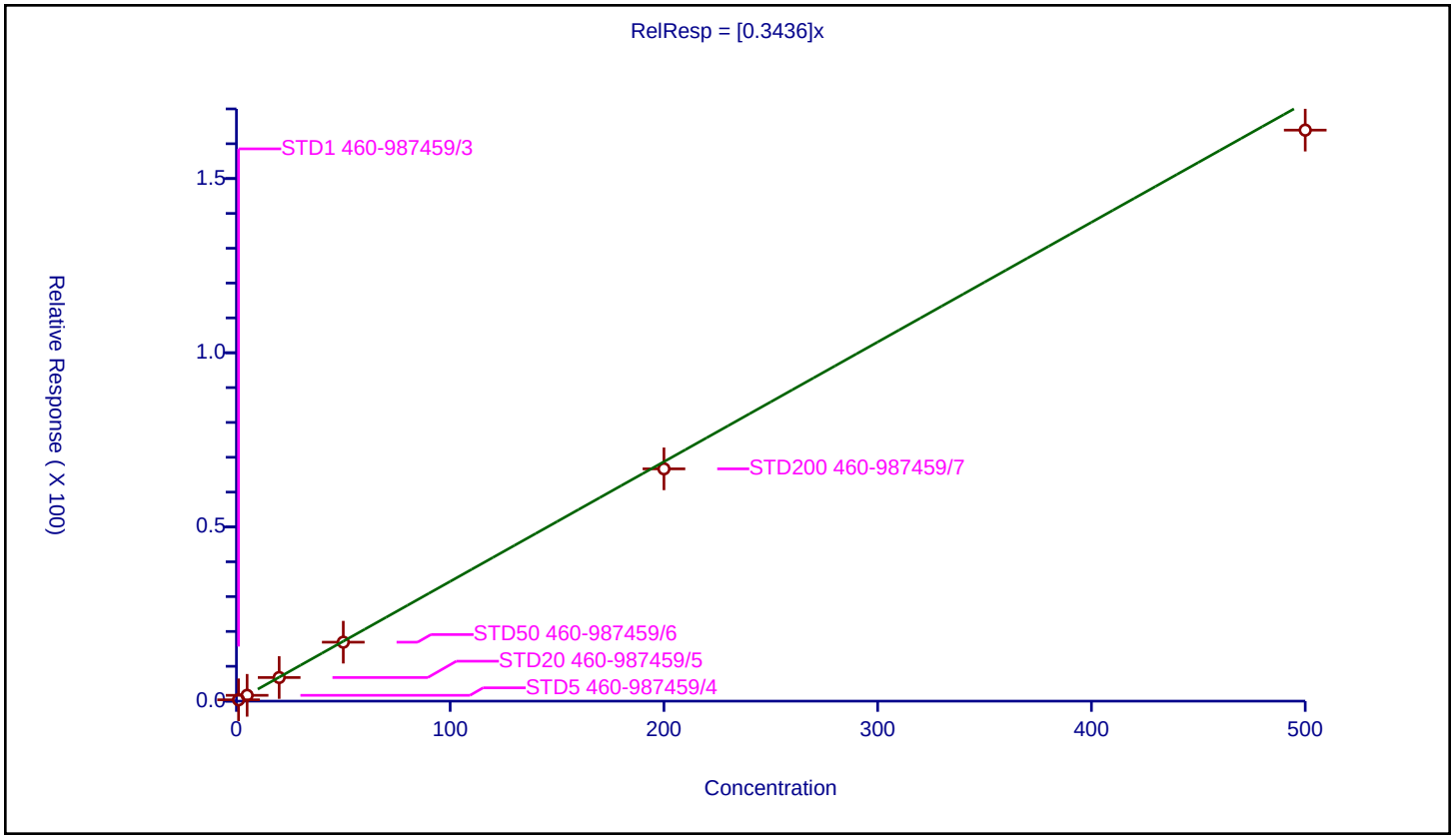
Curve Coefficients

Intercept:	0
Slope:	0.3436

Error Coefficients

Relative Standard Deviation:	6.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	0.388659	50.0	685949.0	0.388659	Y
2	STD5 460-987459/4	5.0	1.672751	50.0	711104.0	0.33455	Y
3	STD20 460-987459/5	20.0	6.777681	50.0	744259.0	0.338884	Y
4	STD50 460-987459/6	50.0	16.921357	50.0	730559.0	0.338427	Y
5	STD200 460-987459/7	200.0	66.677431	50.0	695215.0	0.333387	Y
6	STD500 460-987459/8	500.0	163.903663	50.0	716901.0	0.327807	Y



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Calibration / Isopropyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

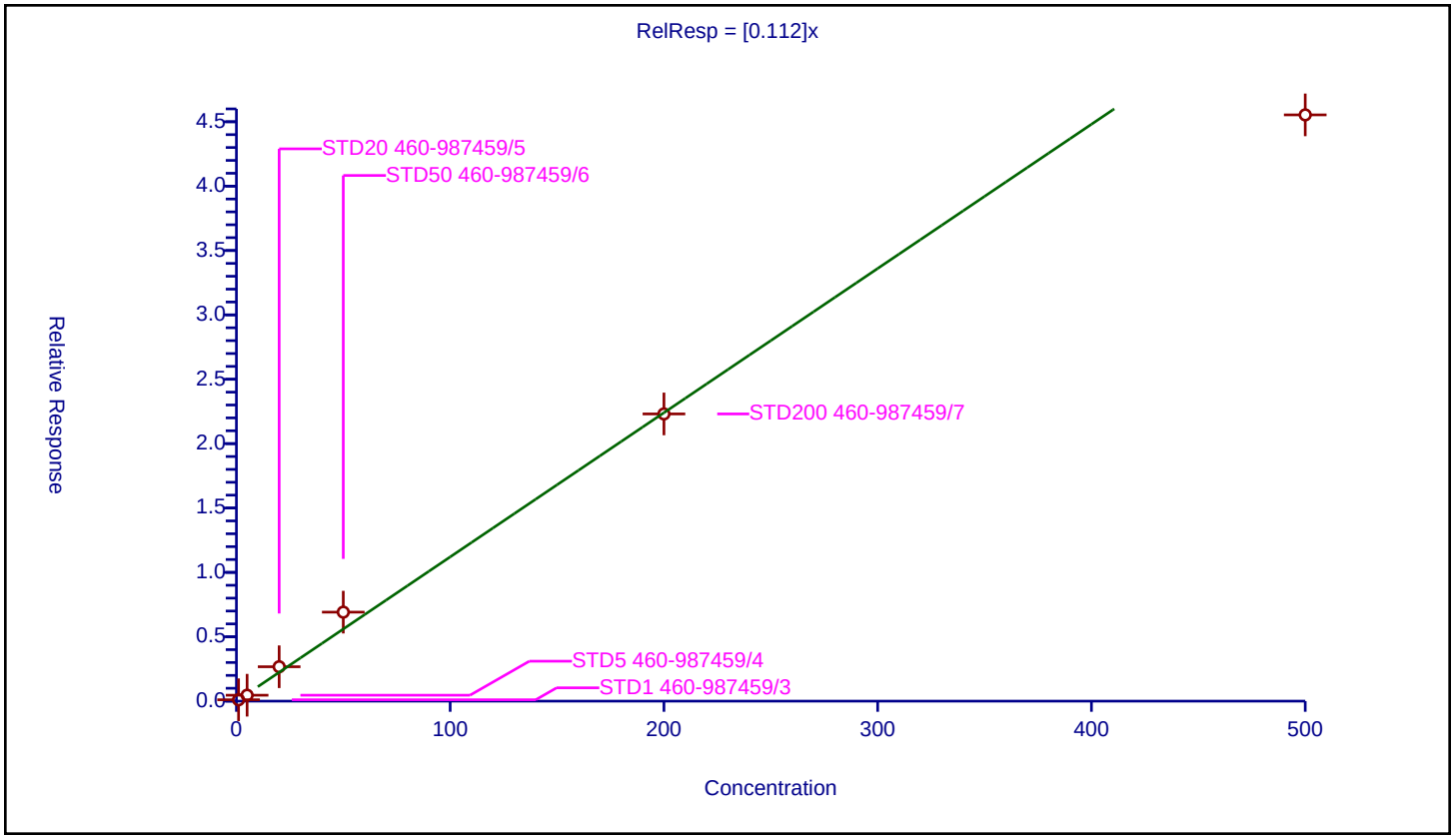
Curve Coefficients

Intercept:	0
Slope:	0.112

Error Coefficients

Relative Standard Deviation:	18.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	0.10562	50.0	685949.0	0.10562	Y
2	STD5 460-987459/4	5.0	0.4602	50.0	711104.0	0.09204	Y
3	STD20 460-987459/5	20.0	2.670912	50.0	744259.0	0.133546	Y
4	STD50 460-987459/6	50.0	6.913473	50.0	730559.0	0.138269	Y
5	STD200 460-987459/7	200.0	22.306912	50.0	695215.0	0.111535	Y
6	STD500 460-987459/8	500.0	45.535158	50.0	716901.0	0.09107	Y



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Calibration / Isooctane

Curve Type:	Quadratic
Weighting:	None
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

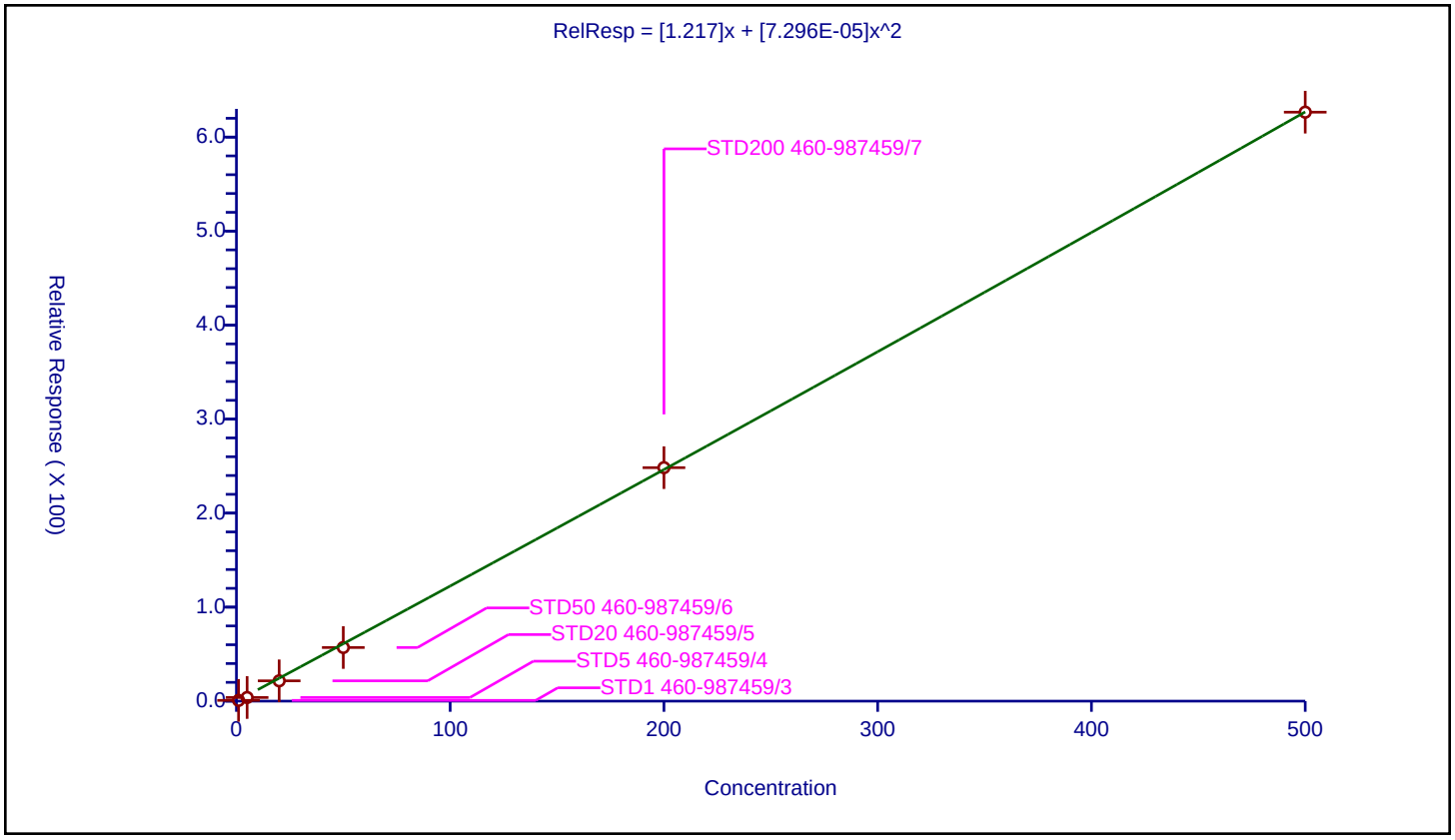
Curve Coefficients

Intercept:	0
Slope:	1.217
Second Order:	7.296E-05

Error Coefficients

Relative Standard Deviation:	25.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	0.798383	50.0	685949.0	0.798383	Y
2	STD5 460-987459/4	5.0	3.871797	50.0	711104.0	0.774359	Y
3	STD20 460-987459/5	20.0	21.593155	50.0	744259.0	1.079658	Y
4	STD50 460-987459/6	50.0	57.058841	50.0	730559.0	1.141177	Y
5	STD200 460-987459/7	200.0	248.373237	50.0	695215.0	1.241866	Y
6	STD500 460-987459/8	500.0	626.517957	50.0	716901.0	1.253036	Y



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Calibration / Tert-amyl methyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

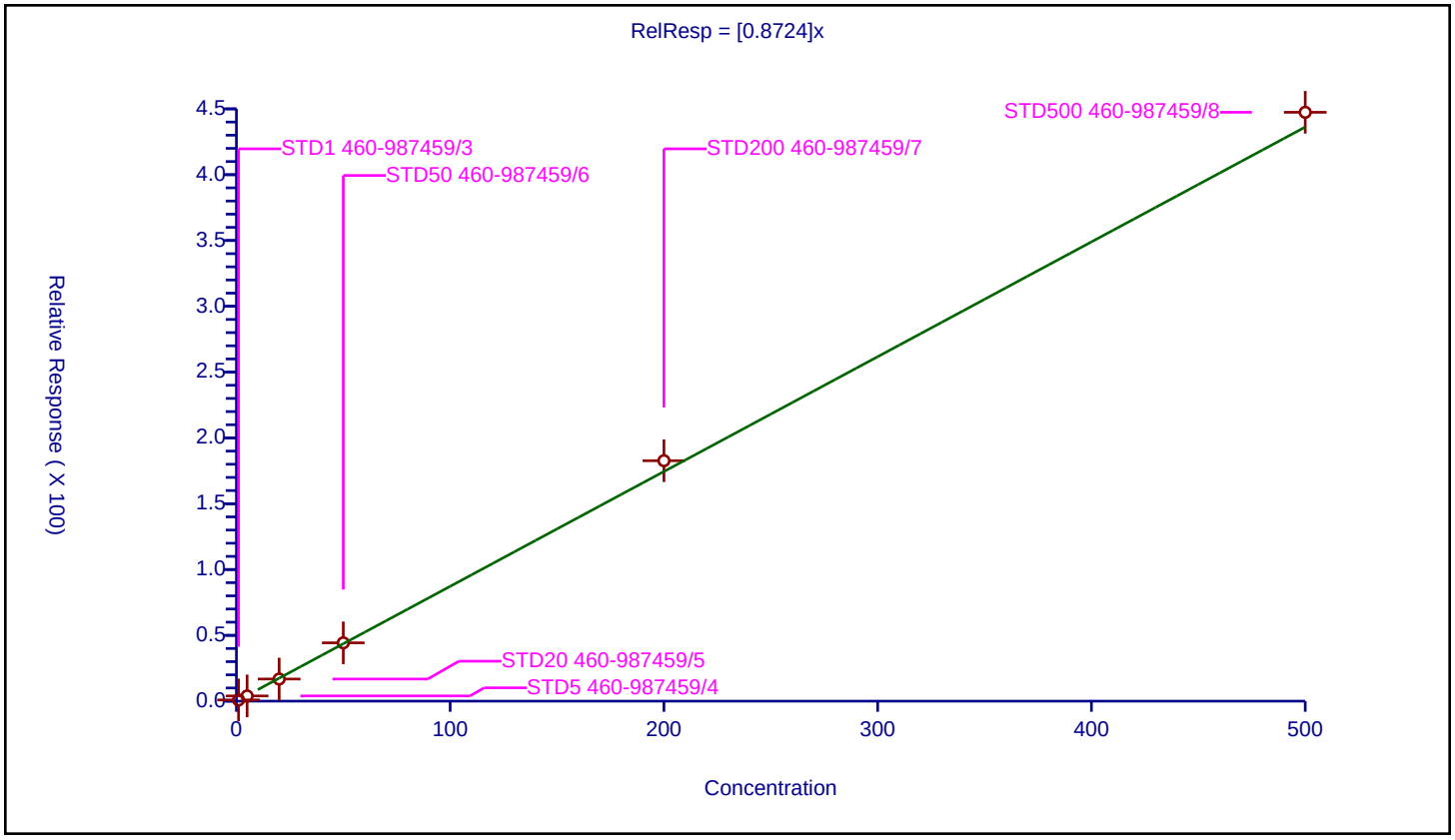
Curve Coefficients

Intercept:	0
Slope:	0.8724

Error Coefficients

Relative Standard Deviation:	5.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	0.906408	50.0	685949.0	0.906408	Y
2	STD5 460-987459/4	5.0	3.966087	50.0	711104.0	0.793217	Y
3	STD20 460-987459/5	20.0	16.807657	50.0	744259.0	0.840383	Y
4	STD50 460-987459/6	50.0	44.30265	50.0	730559.0	0.886053	Y
5	STD200 460-987459/7	200.0	182.680106	50.0	695215.0	0.913401	Y
6	STD500 460-987459/8	500.0	447.40801	50.0	716901.0	0.894816	Y



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Calibration / n-Heptane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

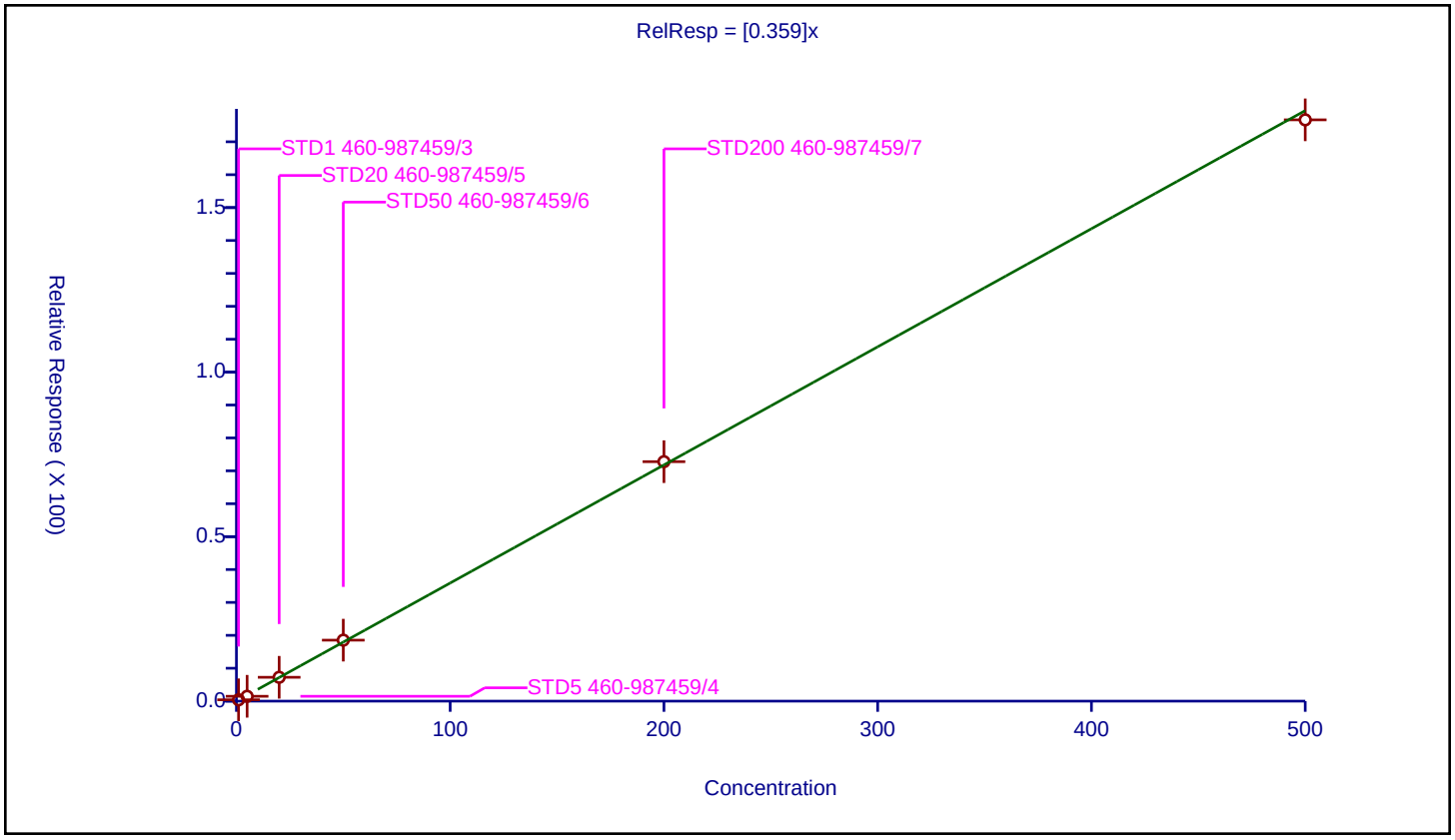
Curve Coefficients

Intercept:	0
Slope:	0.359

Error Coefficients

Relative Standard Deviation:	10.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	0.407173	50.0	685949.0	0.407173	Y
2	STD5 460-987459/4	5.0	1.480374	50.0	711104.0	0.296075	Y
3	STD20 460-987459/5	20.0	7.250433	50.0	744259.0	0.362522	Y
4	STD50 460-987459/6	50.0	18.534574	50.0	730559.0	0.370691	Y
5	STD200 460-987459/7	200.0	72.783168	50.0	695215.0	0.363916	Y
6	STD500 460-987459/8	500.0	176.671116	50.0	716901.0	0.353342	Y



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Calibration / n-Butanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

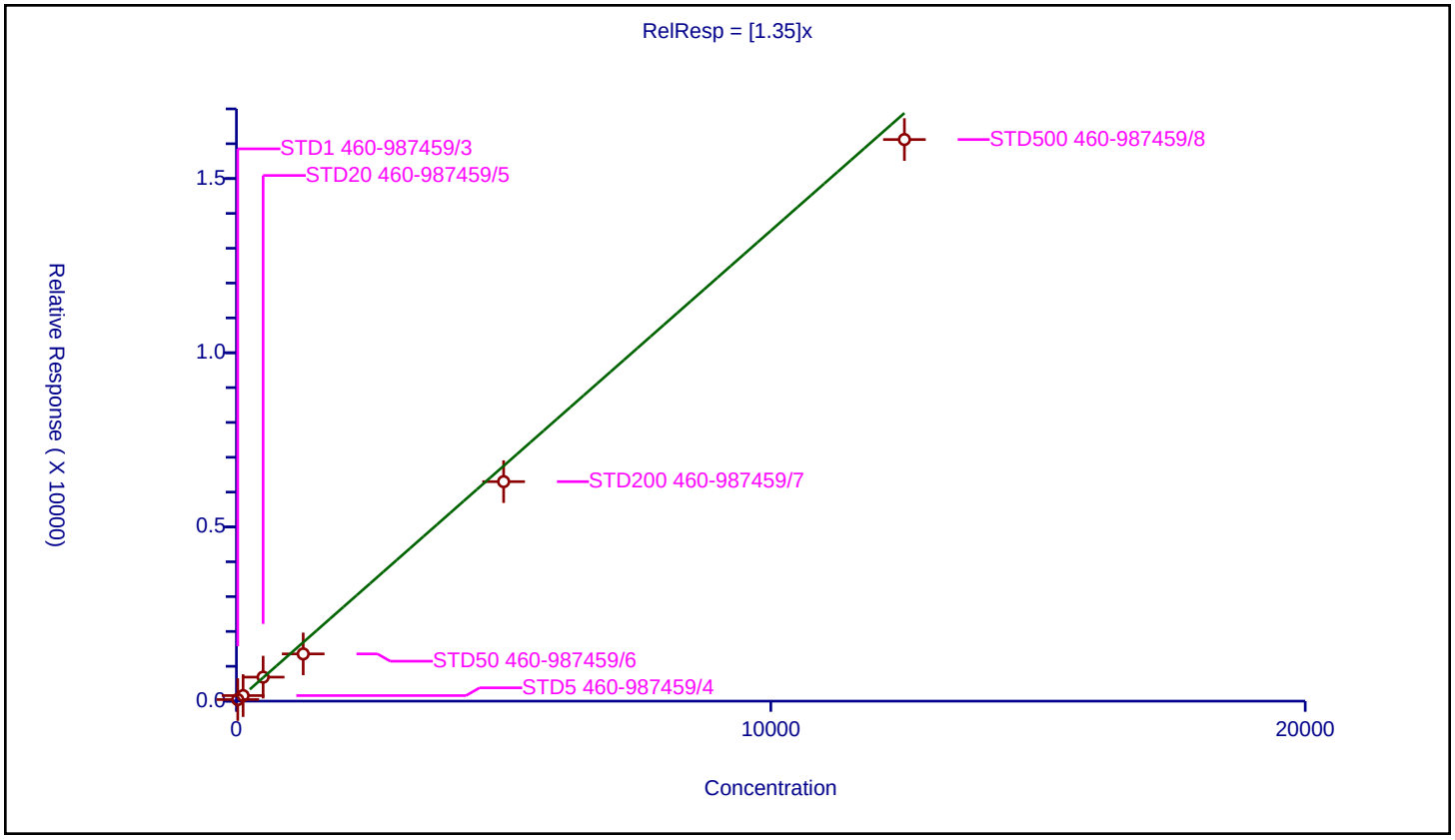
Curve Coefficients

Intercept:	0
Slope:	1.35

Error Coefficients

Relative Standard Deviation:	18.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	25.0	45.367127	1000.0	78515.0	1.814685	Y
2	STD5 460-987459/4	125.0	159.368346	1000.0	94862.0	1.274947	Y
3	STD20 460-987459/5	500.0	689.166425	1000.0	86075.0	1.378333	Y
4	STD50 460-987459/6	1250.0	1355.955486	1000.0	100462.0	1.084764	Y
5	STD200 460-987459/7	5000.0	6300.969432	1000.0	94282.0	1.260194	Y
6	STD500 460-987459/8	12500.0	16120.411433	1000.0	86138.0	1.289633	Y



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Calibration / Trichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

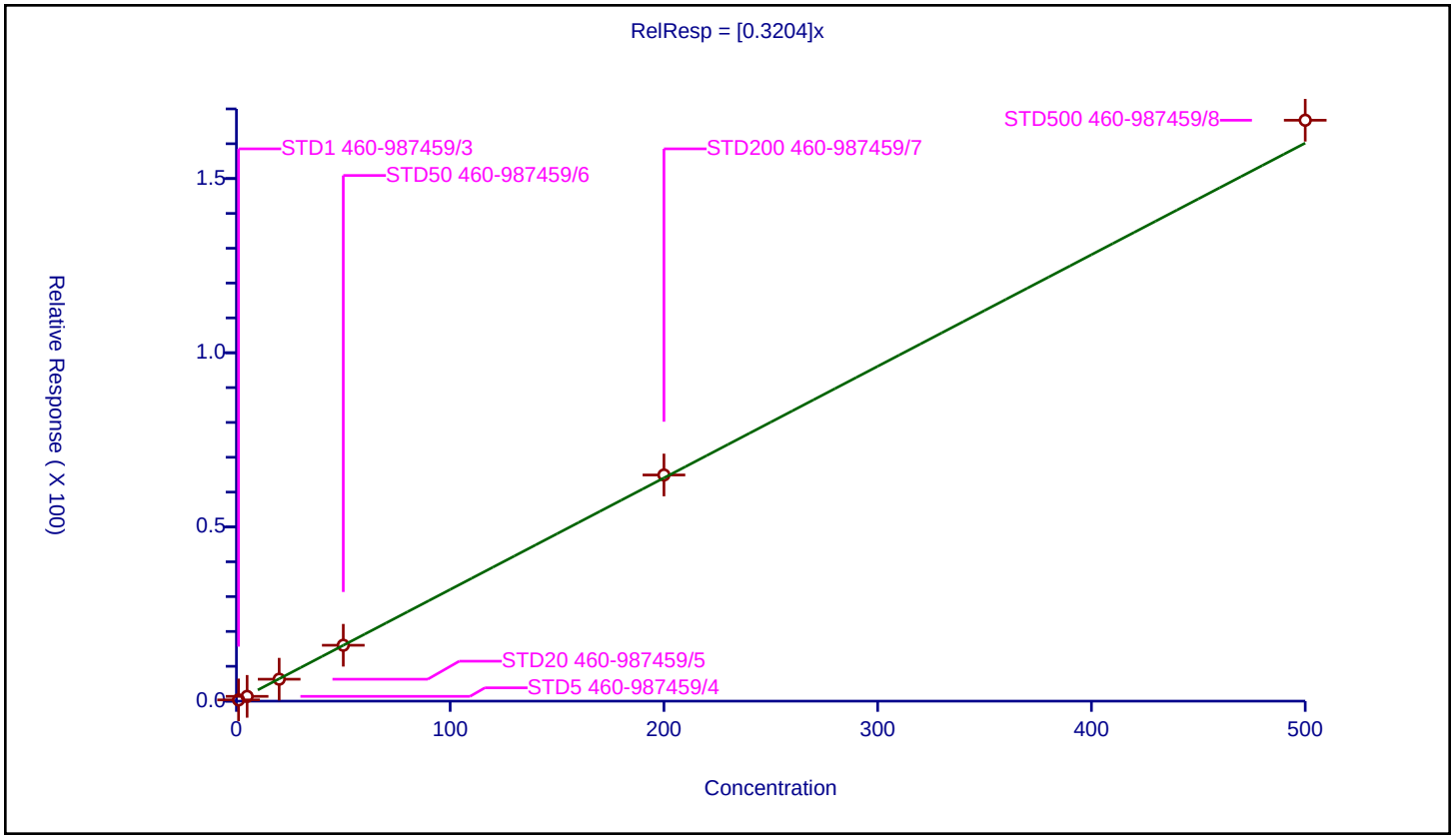
Curve Coefficients

Intercept:	0
Slope:	0.3204

Error Coefficients

Relative Standard Deviation:	8.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	0.353671	50.0	685949.0	0.353671	Y
2	STD5 460-987459/4	5.0	1.374623	50.0	711104.0	0.274925	Y
3	STD20 460-987459/5	20.0	6.293239	50.0	744259.0	0.314662	Y
4	STD50 460-987459/6	50.0	16.043263	50.0	730559.0	0.320865	Y
5	STD200 460-987459/7	200.0	64.919773	50.0	695215.0	0.324599	Y
6	STD500 460-987459/8	500.0	166.742758	50.0	716901.0	0.333486	Y



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Calibration / Ethyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

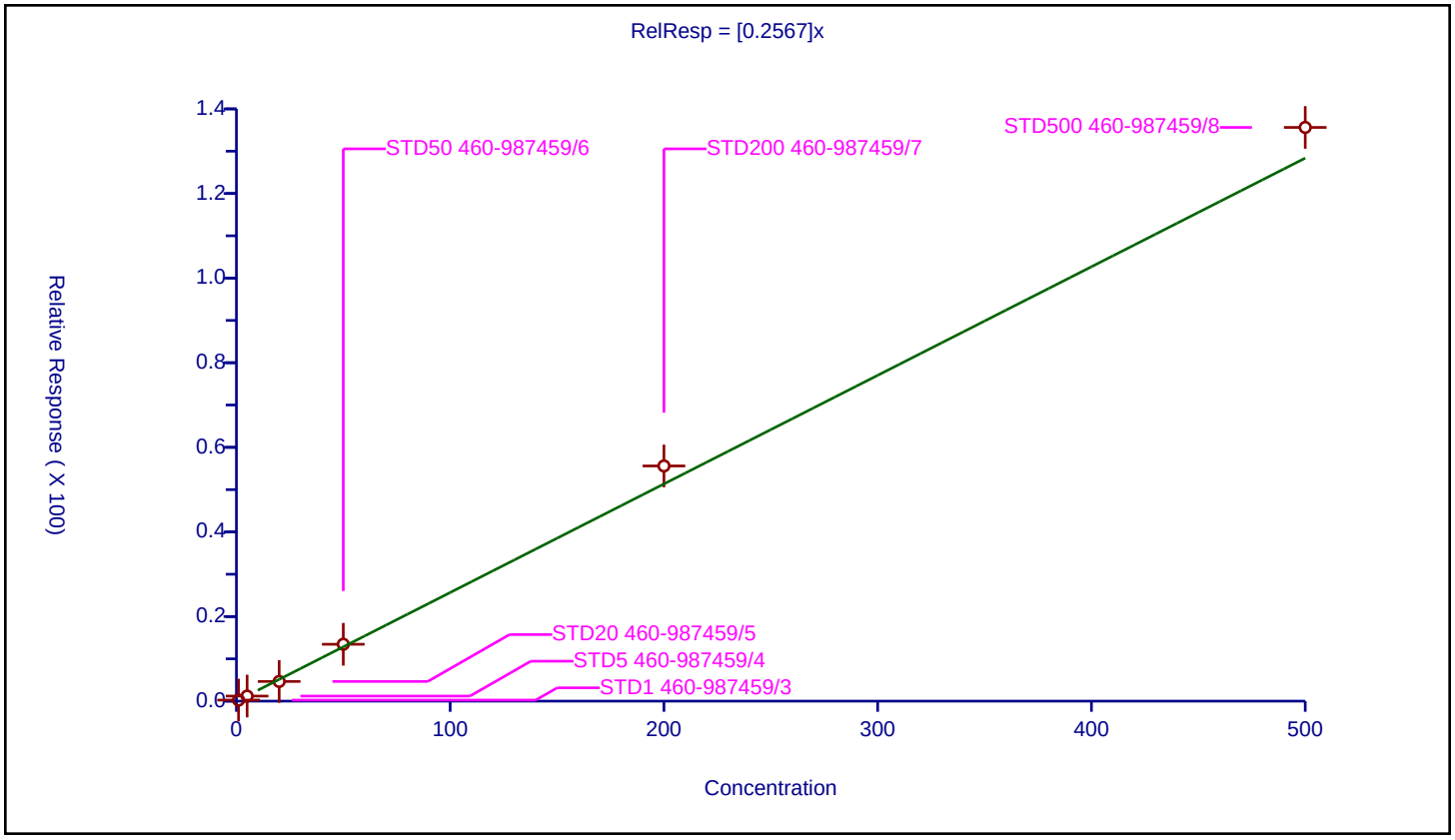
Curve Coefficients

Intercept:	0
Slope:	0.2567

Error Coefficients

Relative Standard Deviation:	7.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	0.249508	50.0	685949.0	0.249508	Y
2	STD5 460-987459/4	5.0	1.199403	50.0	711104.0	0.239881	Y
3	STD20 460-987459/5	20.0	4.656645	50.0	744259.0	0.232832	Y
4	STD50 460-987459/6	50.0	13.444842	50.0	730559.0	0.268897	Y
5	STD200 460-987459/7	200.0	55.5987	50.0	695215.0	0.277993	Y
6	STD500 460-987459/8	500.0	135.617679	50.0	716901.0	0.271235	Y



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Calibration / Methylcyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

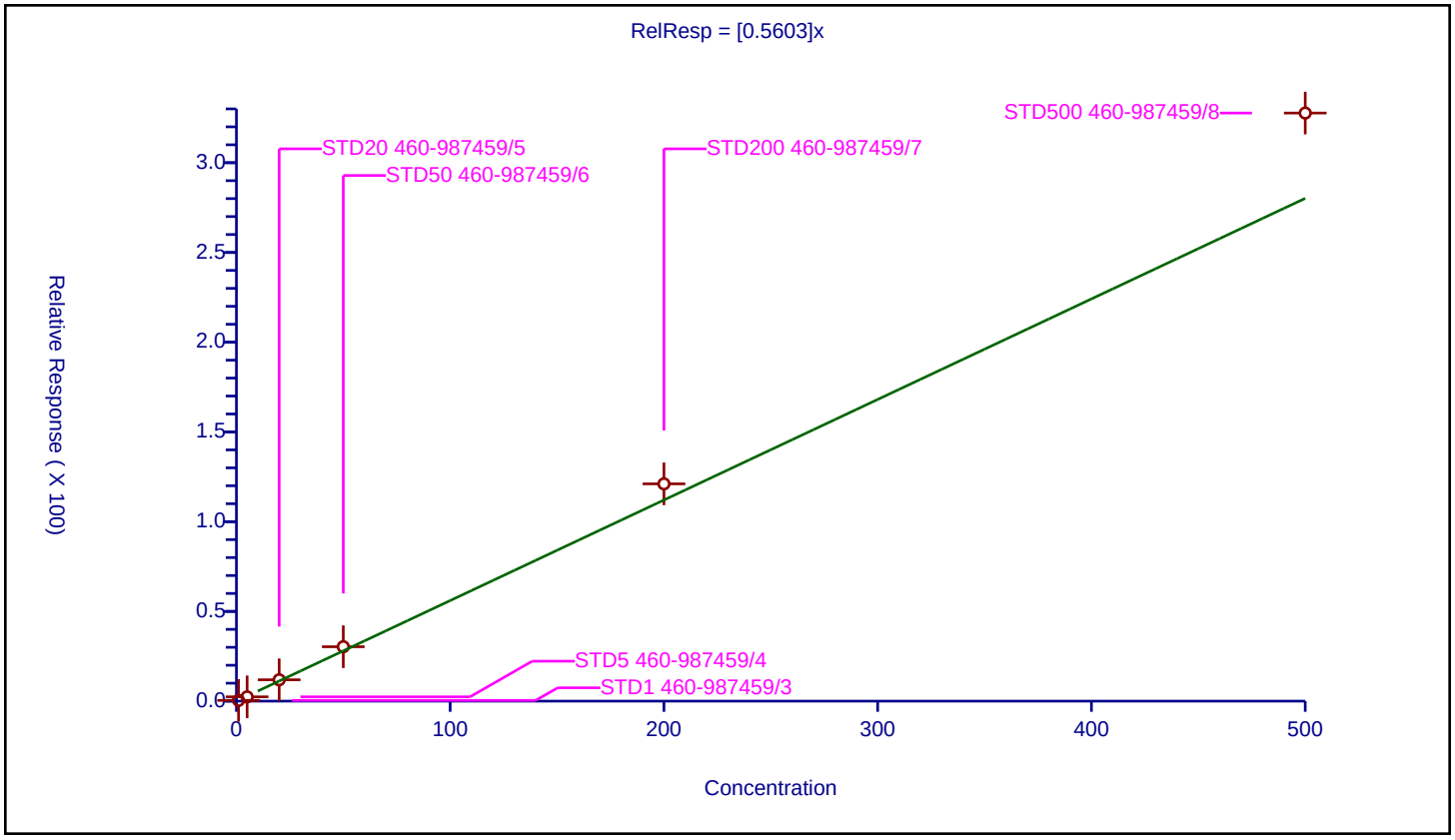
Curve Coefficients

Intercept:	0
Slope:	0.5603

Error Coefficients

Relative Standard Deviation:	16.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	0.42197	50.0	685949.0	0.42197	Y
2	STD5 460-987459/4	5.0	2.389243	50.0	711104.0	0.477849	Y
3	STD20 460-987459/5	20.0	11.898277	50.0	744259.0	0.594914	Y
4	STD50 460-987459/6	50.0	30.315827	50.0	730559.0	0.606317	Y
5	STD200 460-987459/7	200.0	121.082471	50.0	695215.0	0.605412	Y
6	STD500 460-987459/8	500.0	327.682832	50.0	716901.0	0.655366	Y



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Calibration / 1,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

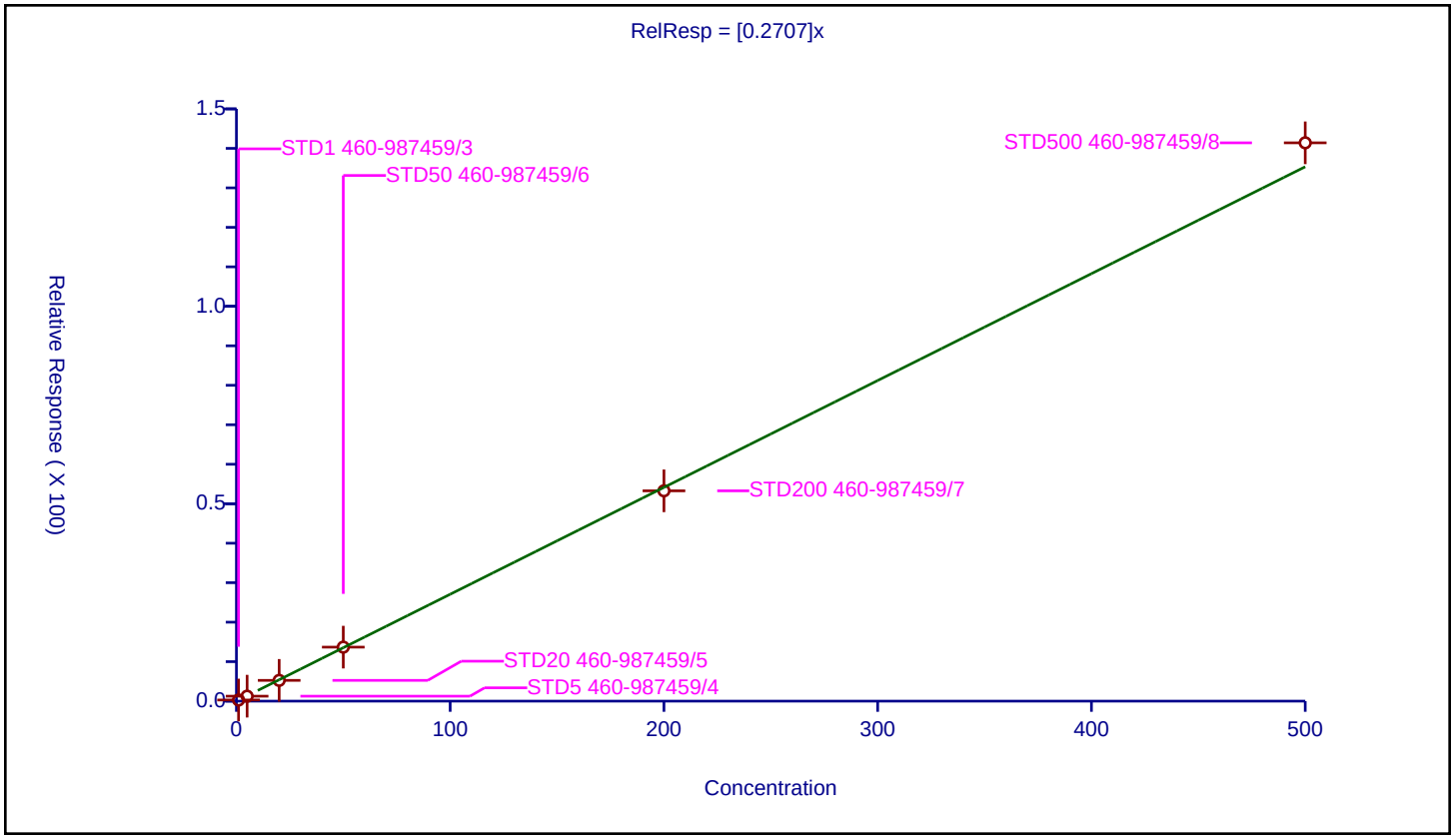
Curve Coefficients

Intercept:	0
Slope:	0.2707

Error Coefficients

Relative Standard Deviation:	4.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	0.287193	50.0	685949.0	0.287193	Y
2	STD5 460-987459/4	5.0	1.257341	50.0	711104.0	0.251468	Y
3	STD20 460-987459/5	20.0	5.256033	50.0	744259.0	0.262802	Y
4	STD50 460-987459/6	50.0	13.67446	50.0	730559.0	0.273489	Y
5	STD200 460-987459/7	200.0	53.268054	50.0	695215.0	0.26634	Y
6	STD500 460-987459/8	500.0	141.404671	50.0	716901.0	0.282809	Y



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Calibration / Dibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

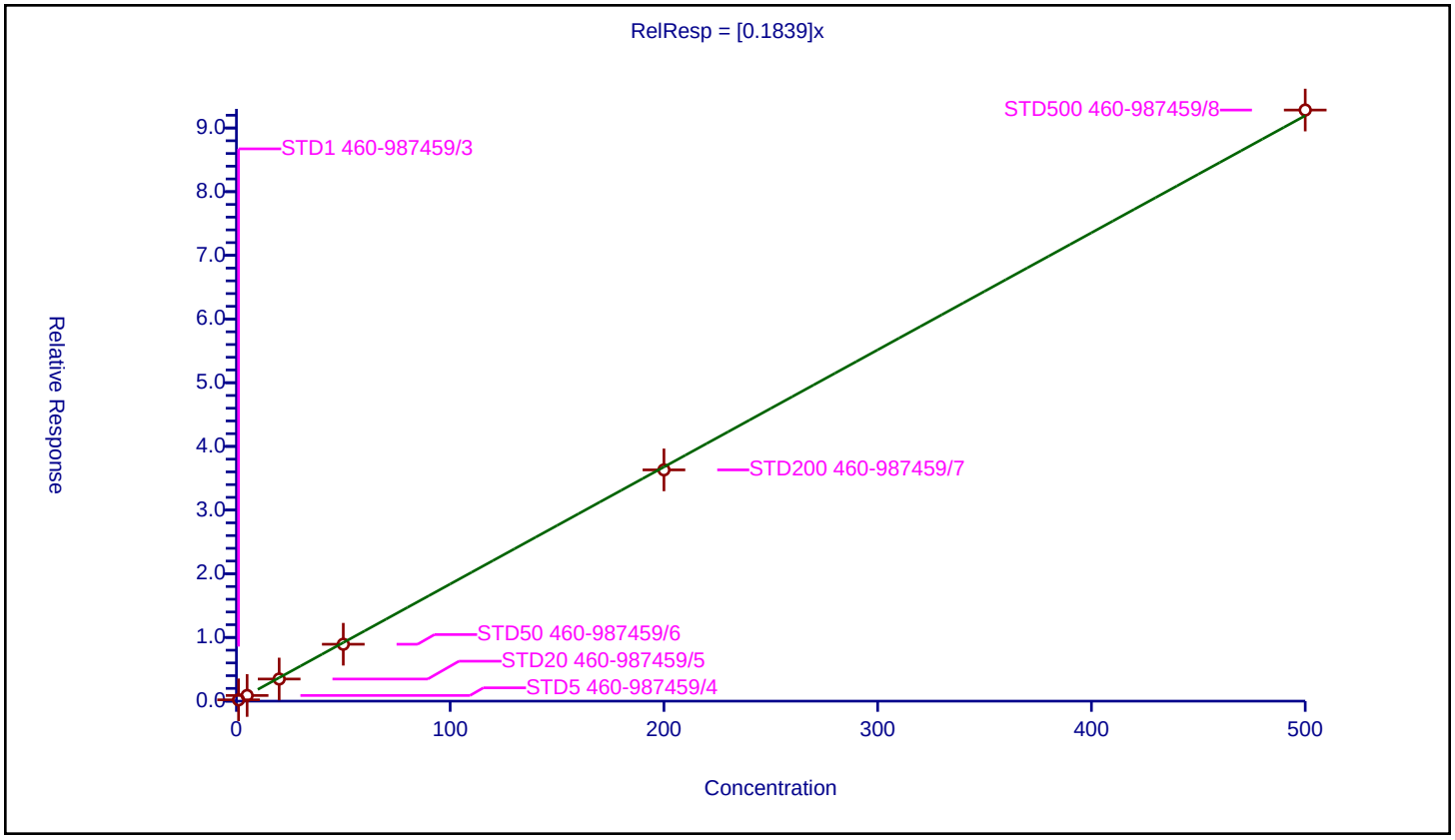
Curve Coefficients

Intercept:	0
Slope:	0.1839

Error Coefficients

Relative Standard Deviation:	6.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	0.206211	50.0	685949.0	0.206211	Y
2	STD5 460-987459/4	5.0	0.887915	50.0	711104.0	0.177583	Y
3	STD20 460-987459/5	20.0	3.471372	50.0	744259.0	0.173569	Y
4	STD50 460-987459/6	50.0	8.933707	50.0	730559.0	0.178674	Y
5	STD200 460-987459/7	200.0	36.314881	50.0	695215.0	0.181574	Y
6	STD500 460-987459/8	500.0	92.819162	50.0	716901.0	0.185638	Y



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Calibration / Methyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

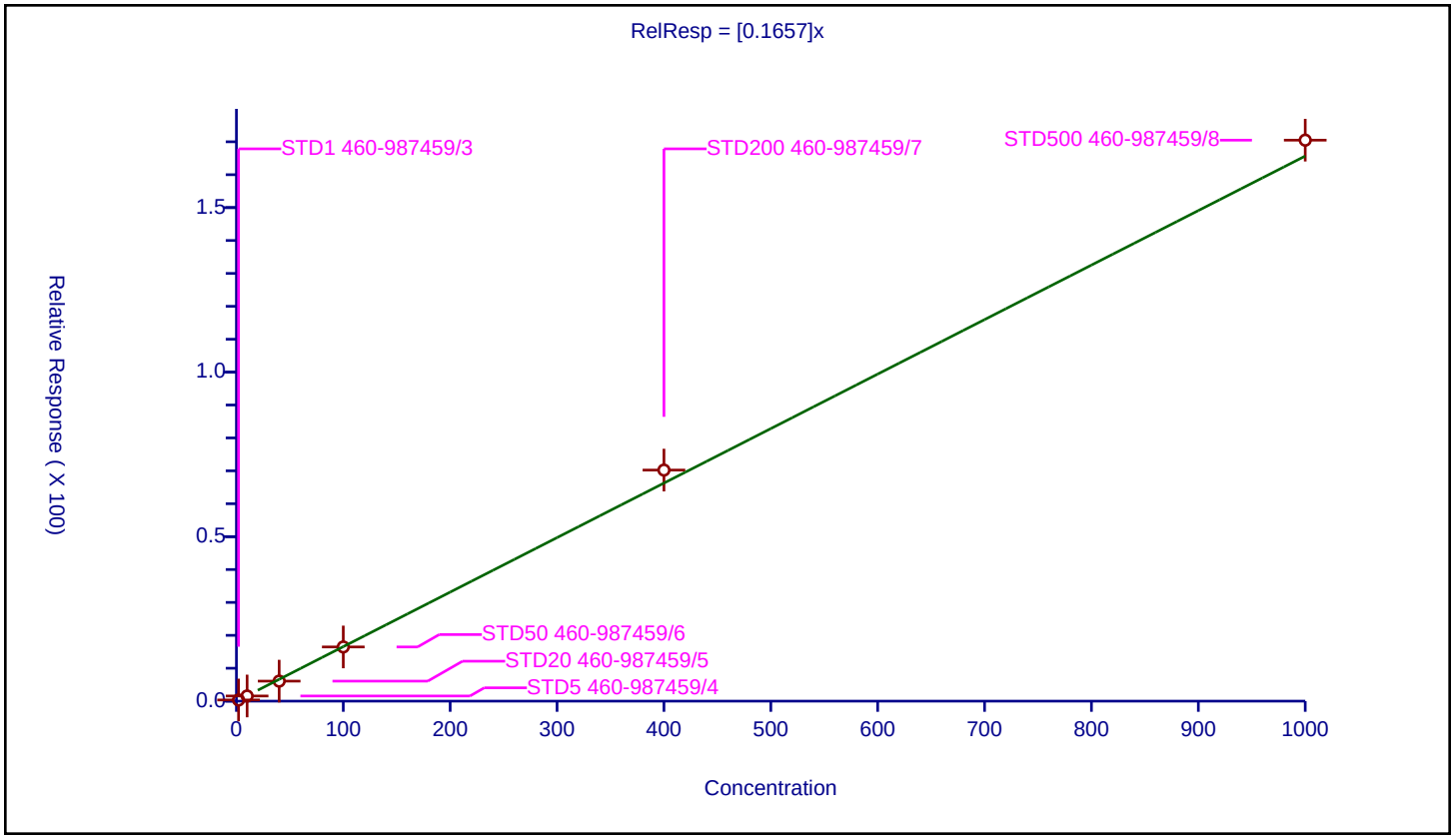
Curve Coefficients

Intercept:	0
Slope:	0.1657

Error Coefficients

Relative Standard Deviation:	5.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	2.0	0.348568	50.0	685949.0	0.174284	Y
2	STD5 460-987459/4	10.0	1.567492	50.0	711104.0	0.156749	Y
3	STD20 460-987459/5	40.0	6.087128	50.0	744259.0	0.152178	Y
4	STD50 460-987459/6	100.0	16.470128	50.0	730559.0	0.164701	Y
5	STD200 460-987459/7	400.0	70.2236	50.0	695215.0	0.175559	Y
6	STD500 460-987459/8	1000.0	170.493206	50.0	716901.0	0.170493	Y



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Calibration / 1,4-Dioxane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

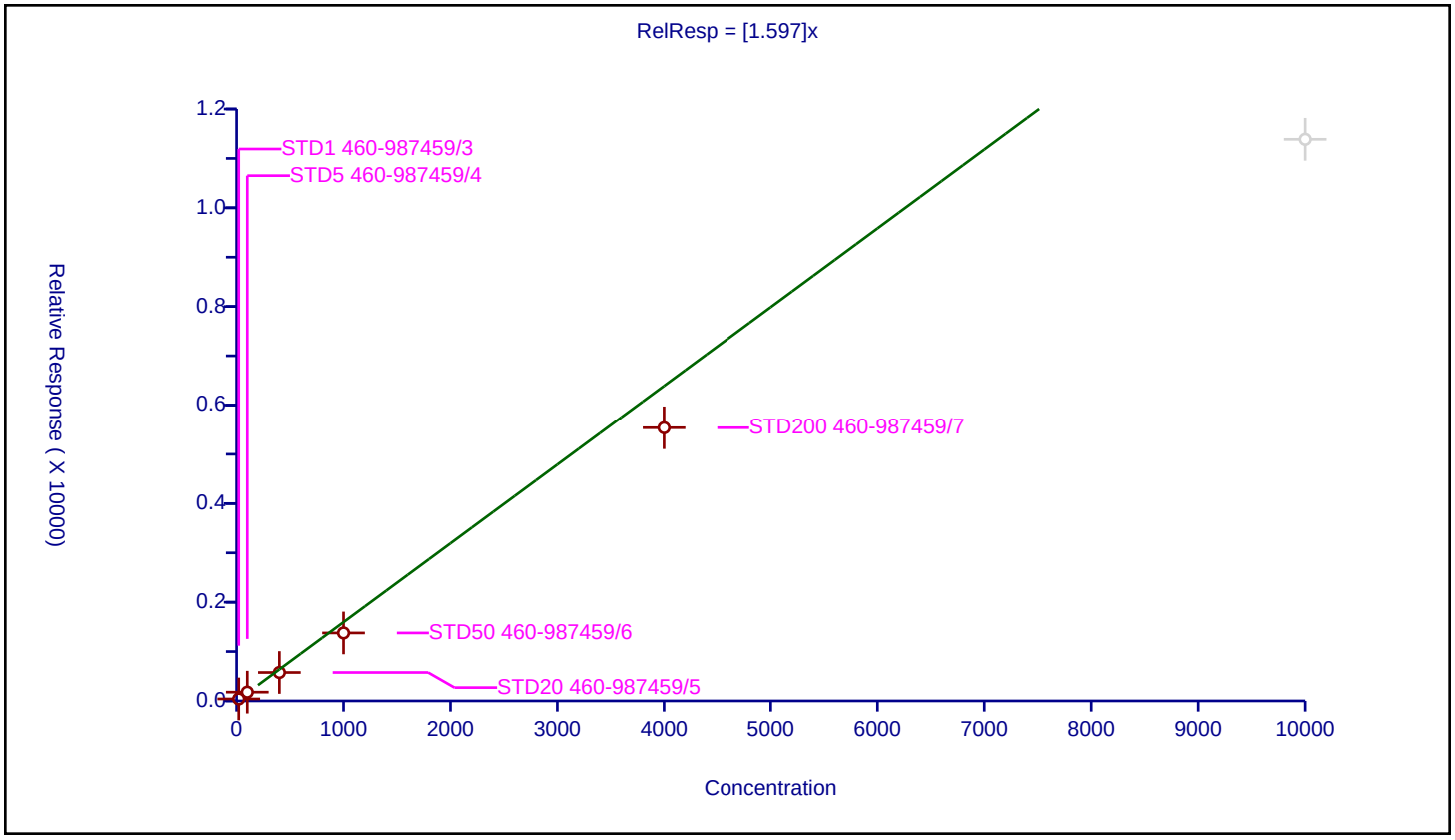
Curve Coefficients

Intercept:	0
Slope:	1.597

Error Coefficients

Relative Standard Deviation:	17.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	20.0	40.108947	1000.0	26802.0	2.005447	Y
2	STD5 460-987459/4	100.0	177.77858	1000.0	27703.0	1.777786	Y
3	STD20 460-987459/5	400.0	576.103863	1000.0	31503.0	1.44026	Y
4	STD50 460-987459/6	1000.0	1377.560521	1000.0	30072.0	1.377561	Y
5	STD200 460-987459/7	4000.0	5538.984915	1000.0	29101.0	1.384746	Y
6	STD500 460-987459/8	10000.0	11387.073864	1000.0	36608.0	1.138707	N



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Calibration / n-Propyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

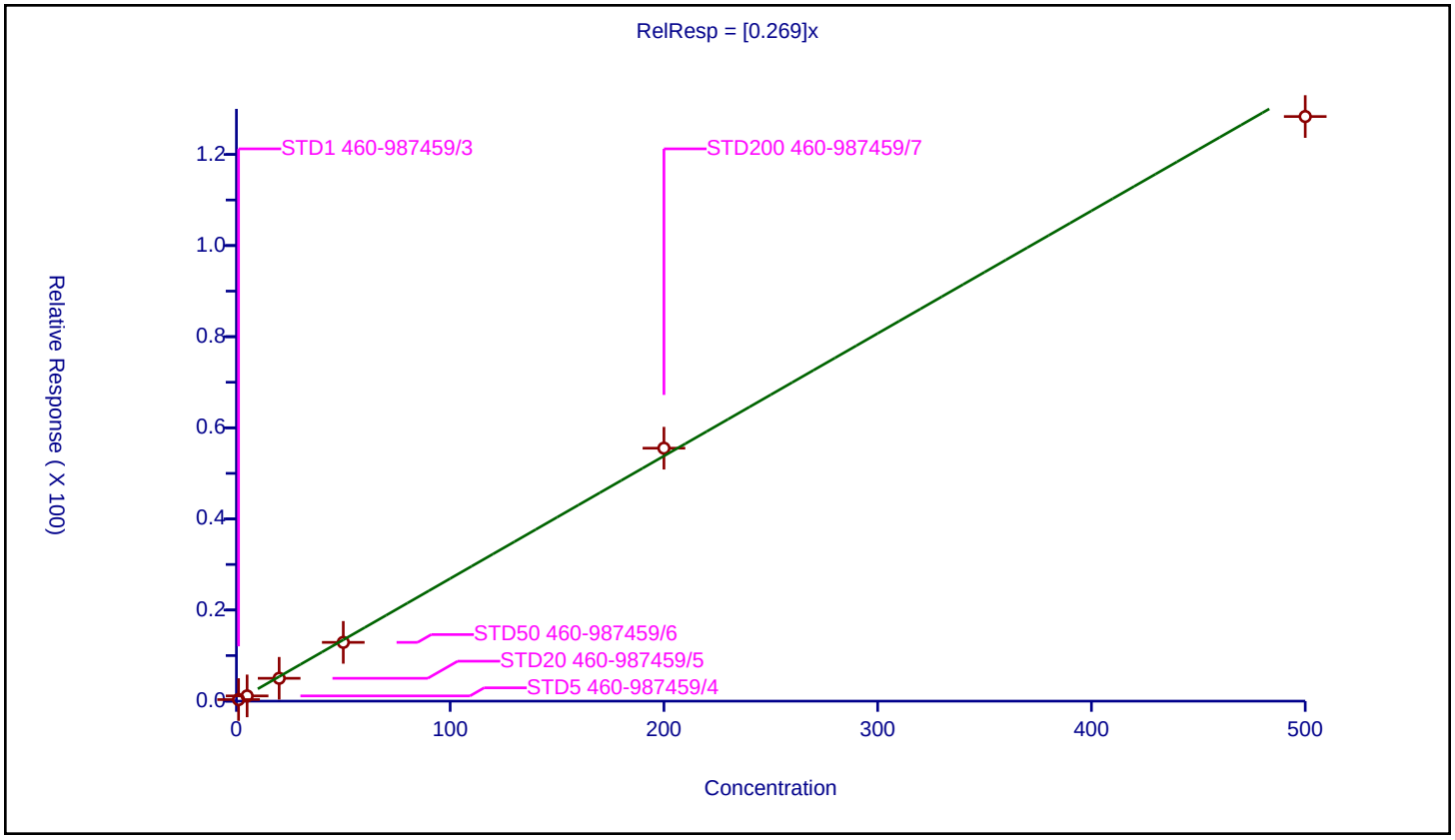
Curve Coefficients

Intercept:	0
Slope:	0.269

Error Coefficients

Relative Standard Deviation:	14.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	0.341862	50.0	685949.0	0.341862	Y
2	STD5 460-987459/4	5.0	1.14723	50.0	711104.0	0.229446	Y
3	STD20 460-987459/5	20.0	5.013174	50.0	744259.0	0.250659	Y
4	STD50 460-987459/6	50.0	12.901696	50.0	730559.0	0.258034	Y
5	STD200 460-987459/7	200.0	55.525485	50.0	695215.0	0.277627	Y
6	STD500 460-987459/8	500.0	128.321484	50.0	716901.0	0.256643	Y



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Calibration / Dichlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

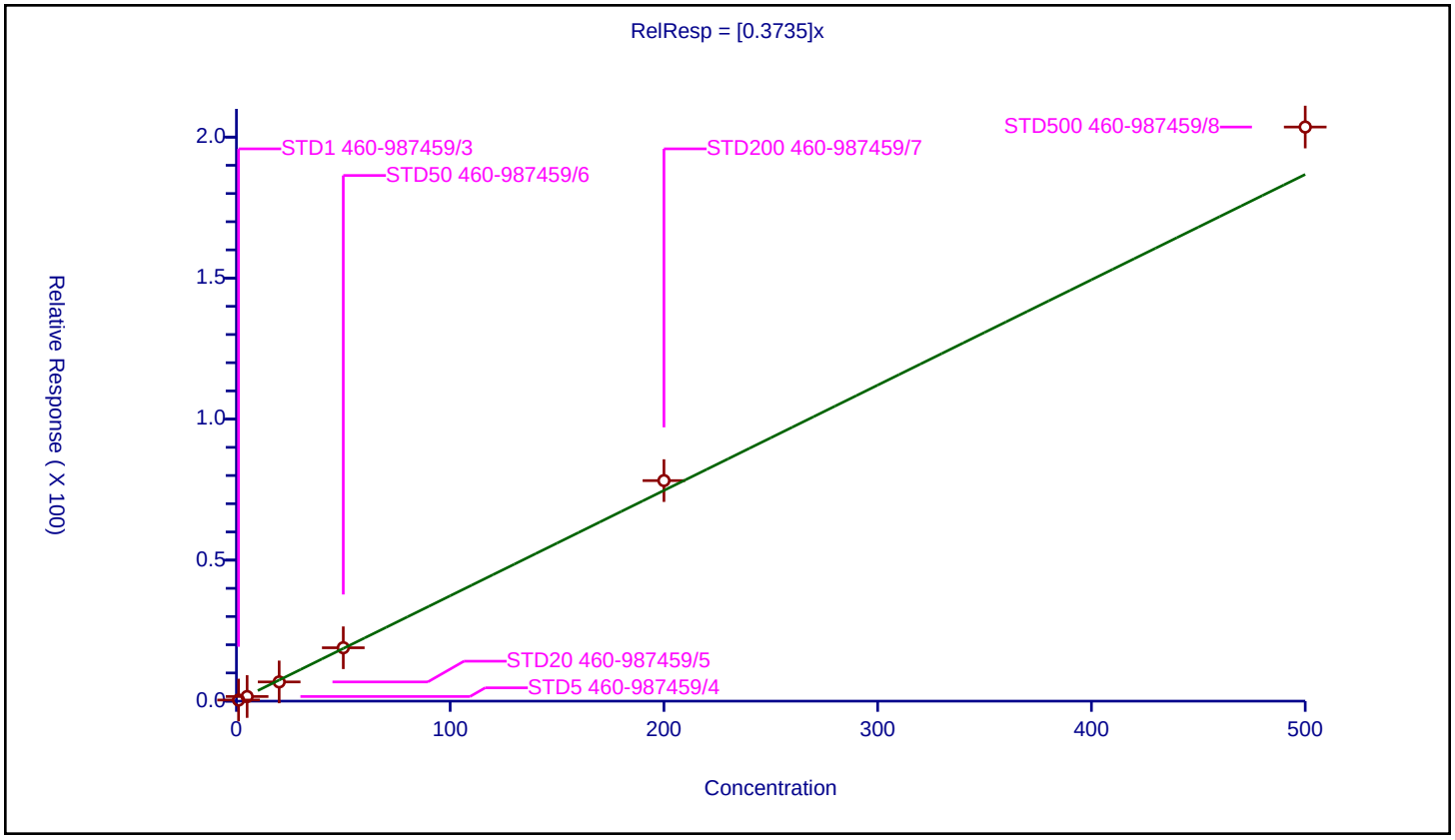
Curve Coefficients

Intercept:	0
Slope:	0.3735

Error Coefficients

Relative Standard Deviation:	8.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	0.396239	50.0	685949.0	0.396239	Y
2	STD5 460-987459/4	5.0	1.637595	50.0	711104.0	0.327519	Y
3	STD20 460-987459/5	20.0	6.809995	50.0	744259.0	0.3405	Y
4	STD50 460-987459/6	50.0	18.934337	50.0	730559.0	0.378687	Y
5	STD200 460-987459/7	200.0	78.202427	50.0	695215.0	0.391012	Y
6	STD500 460-987459/8	500.0	203.567089	50.0	716901.0	0.407134	Y



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Calibration / 2-Nitropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

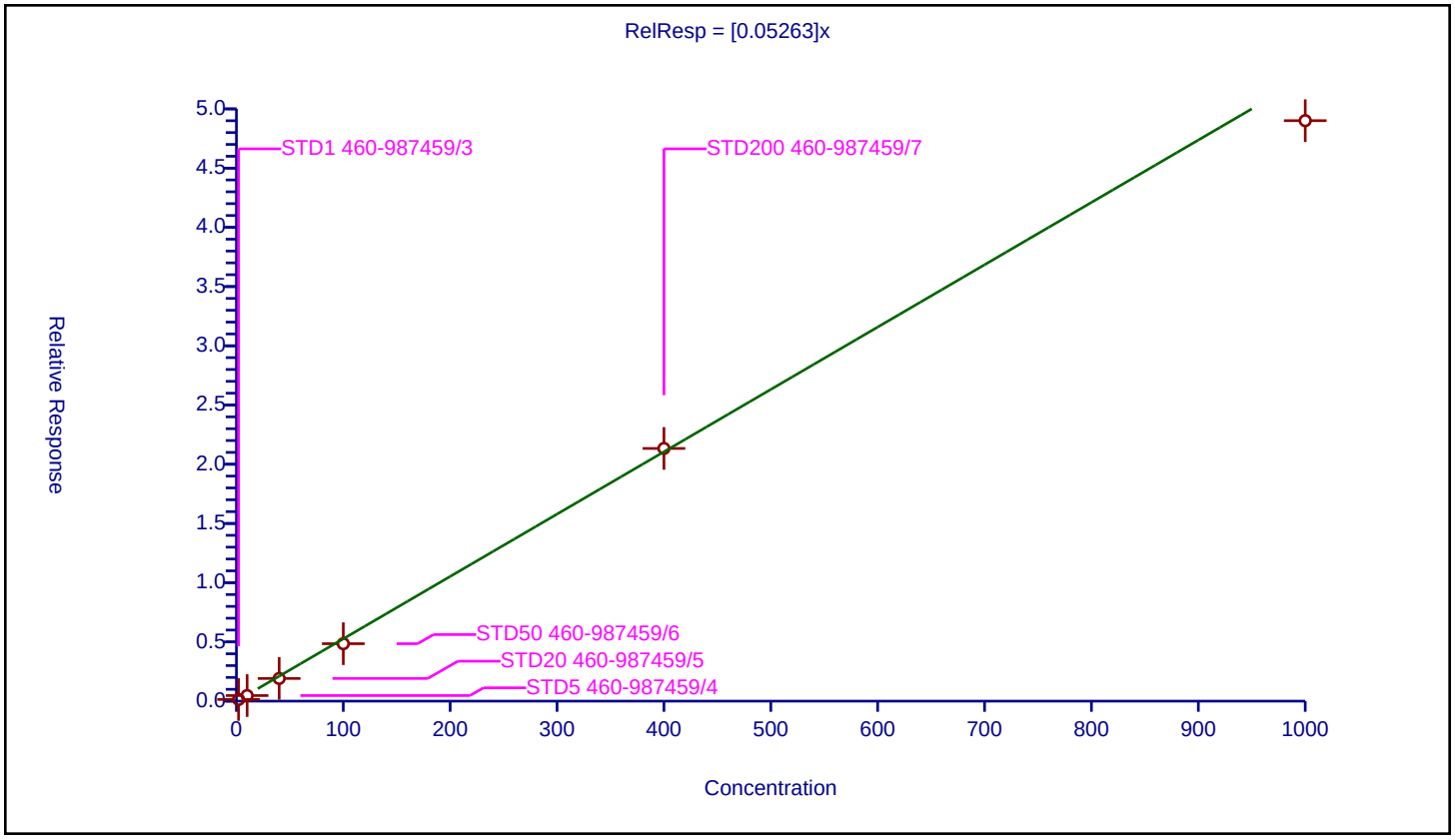
Curve Coefficients

Intercept:	0
Slope:	0.05263

Error Coefficients

Relative Standard Deviation:	16.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	2.0	0.139952	50.0	685949.0	0.069976	Y
2	STD5 460-987459/4	10.0	0.471098	50.0	711104.0	0.04711	Y
3	STD20 460-987459/5	40.0	1.915126	50.0	744259.0	0.047878	Y
4	STD50 460-987459/6	100.0	4.848821	50.0	730559.0	0.048488	Y
5	STD200 460-987459/7	400.0	21.332537	50.0	695215.0	0.053331	Y
6	STD500 460-987459/8	1000.0	49.006836	50.0	716901.0	0.049007	Y



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Calibration / 2-Chloroethyl vinyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

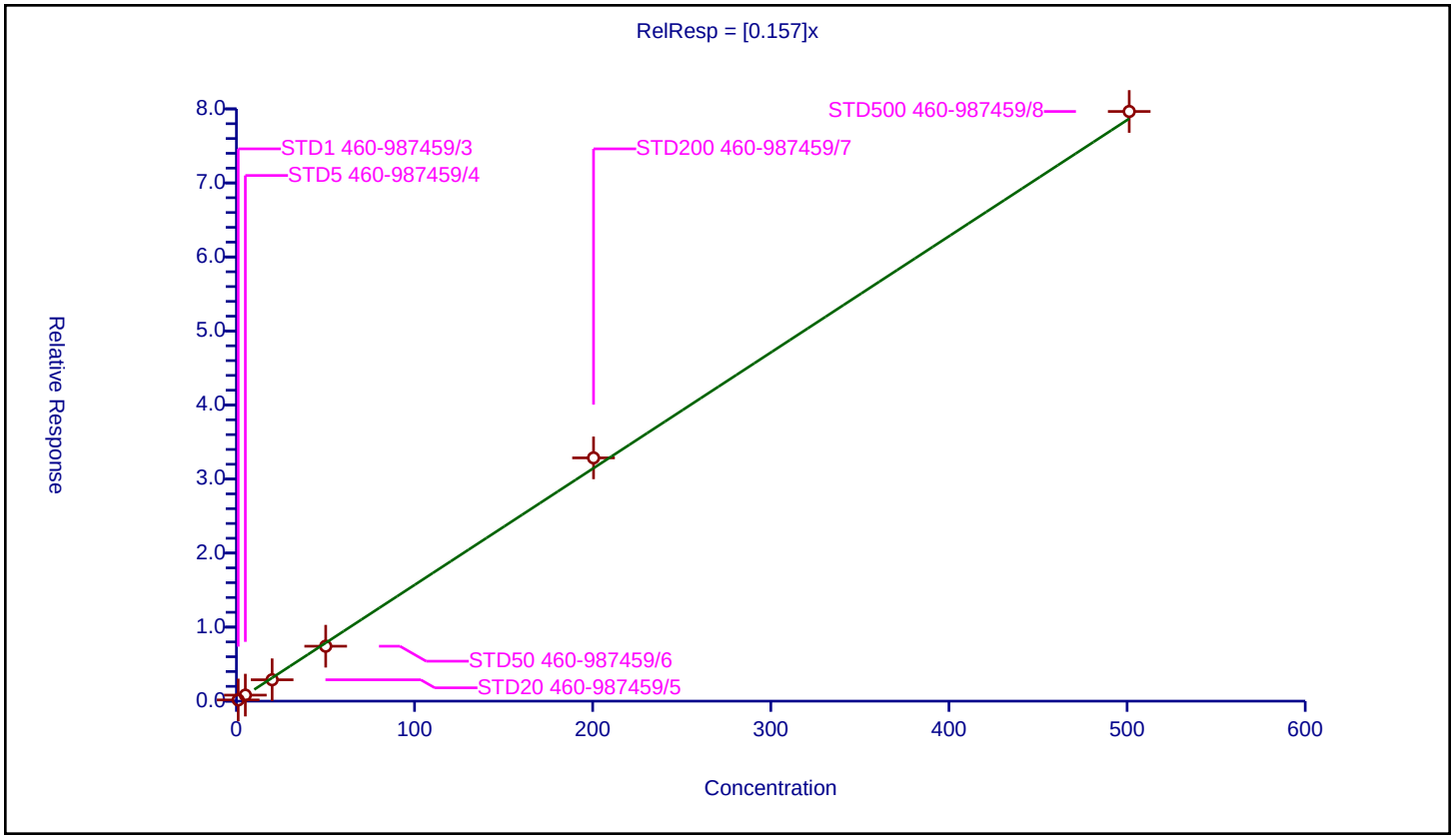
Curve Coefficients

Intercept:	0
Slope:	0.157

Error Coefficients

Relative Standard Deviation:	5.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0024	0.164881	50.0	685949.0	0.164486	Y
2	STD5 460-987459/4	5.012	0.814227	50.0	711104.0	0.162455	Y
3	STD20 460-987459/5	20.048	2.888242	50.0	744259.0	0.144066	Y
4	STD50 460-987459/6	50.12	7.421577	50.0	730559.0	0.148076	Y
5	STD200 460-987459/7	200.48	32.857893	50.0	695215.0	0.163896	Y
6	STD500 460-987459/8	501.2	79.650328	50.0	716901.0	0.158919	Y



Calibration / Epichlorohydrin

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

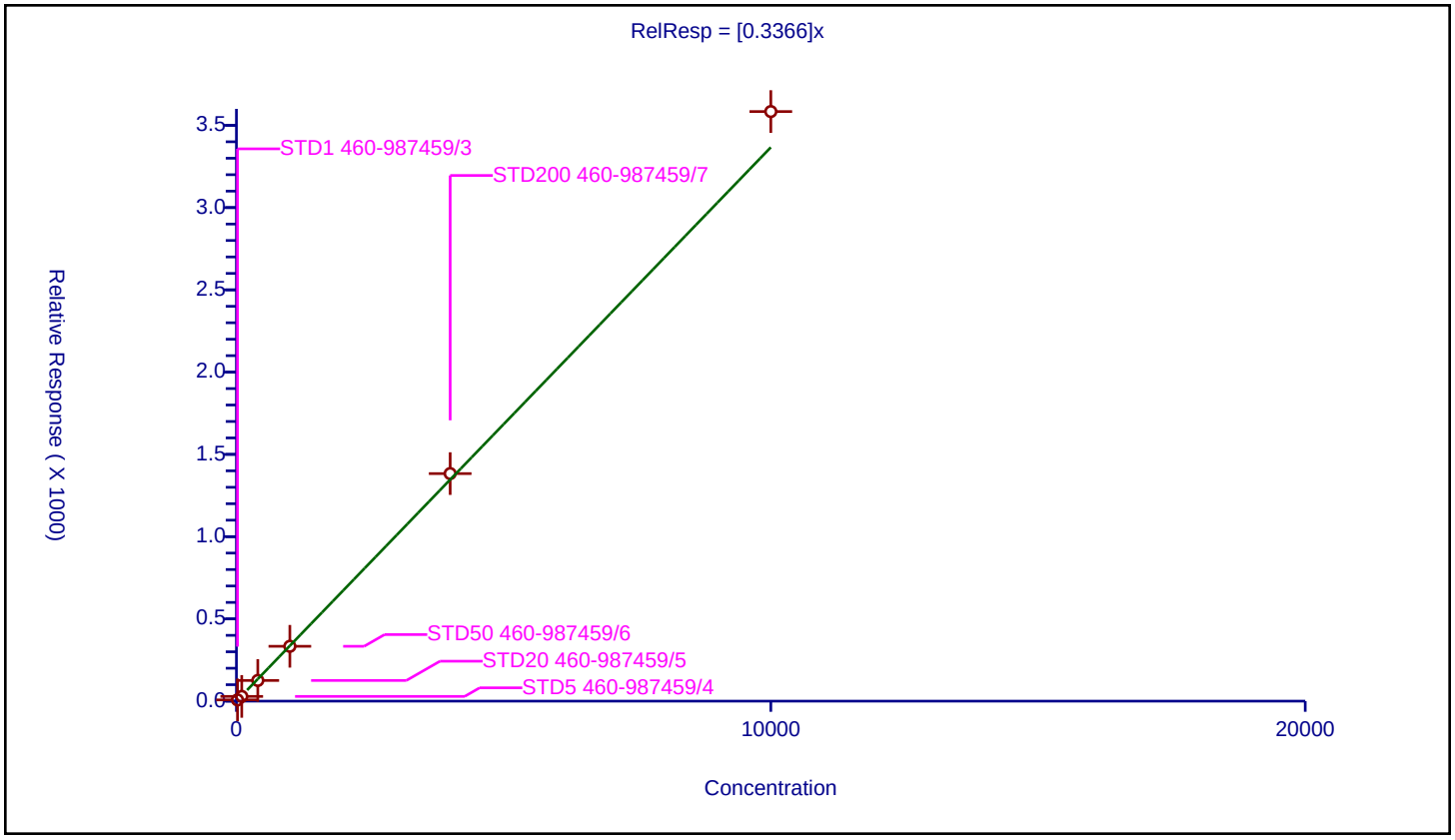
Curve Coefficients

Intercept:	0
Slope:	0.3366

Error Coefficients

Relative Standard Deviation:	9.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	20.000035	7.594845	250.0	234172.0	0.379742	Y
2	STD5 460-987459/4	100.000173	28.815199	250.0	262483.0	0.288151	Y
3	STD20 460-987459/5	400.000692	125.730782	250.0	268719.0	0.314326	Y
4	STD50 460-987459/6	1000.00173	333.412699	250.0	274047.0	0.333412	Y
5	STD200 460-987459/7	4000.00692	1383.112341	250.0	273087.0	0.345777	Y
6	STD500 460-987459/8	10000.0173	3583.754935	250.0	256561.0	0.358375	Y



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Calibration / cis-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

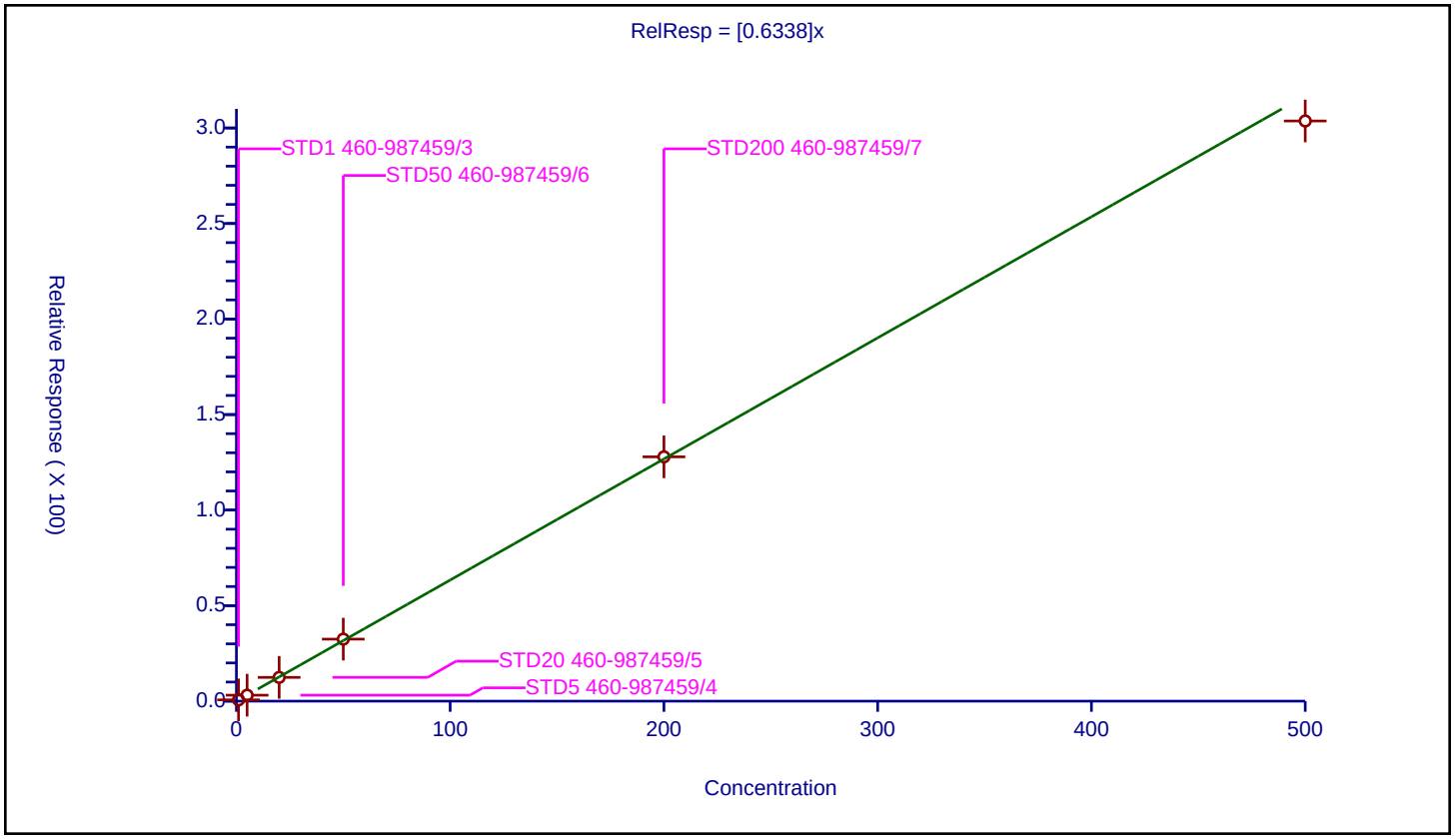
Curve Coefficients

Intercept:	0
Slope:	0.6338

Error Coefficients

Relative Standard Deviation:	3.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	0.662936	50.0	450722.0	0.662936	Y
2	STD5 460-987459/4	5.0	3.113566	50.0	451765.0	0.622713	Y
3	STD20 460-987459/5	20.0	12.429381	50.0	484115.0	0.621469	Y
4	STD50 460-987459/6	50.0	32.457395	50.0	512441.0	0.649148	Y
5	STD200 460-987459/7	200.0	127.870065	50.0	506870.0	0.63935	Y
6	STD500 460-987459/8	500.0	303.669575	50.0	576361.0	0.607339	Y



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Calibration / 4-Methyl-2-pentanone (MIBK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

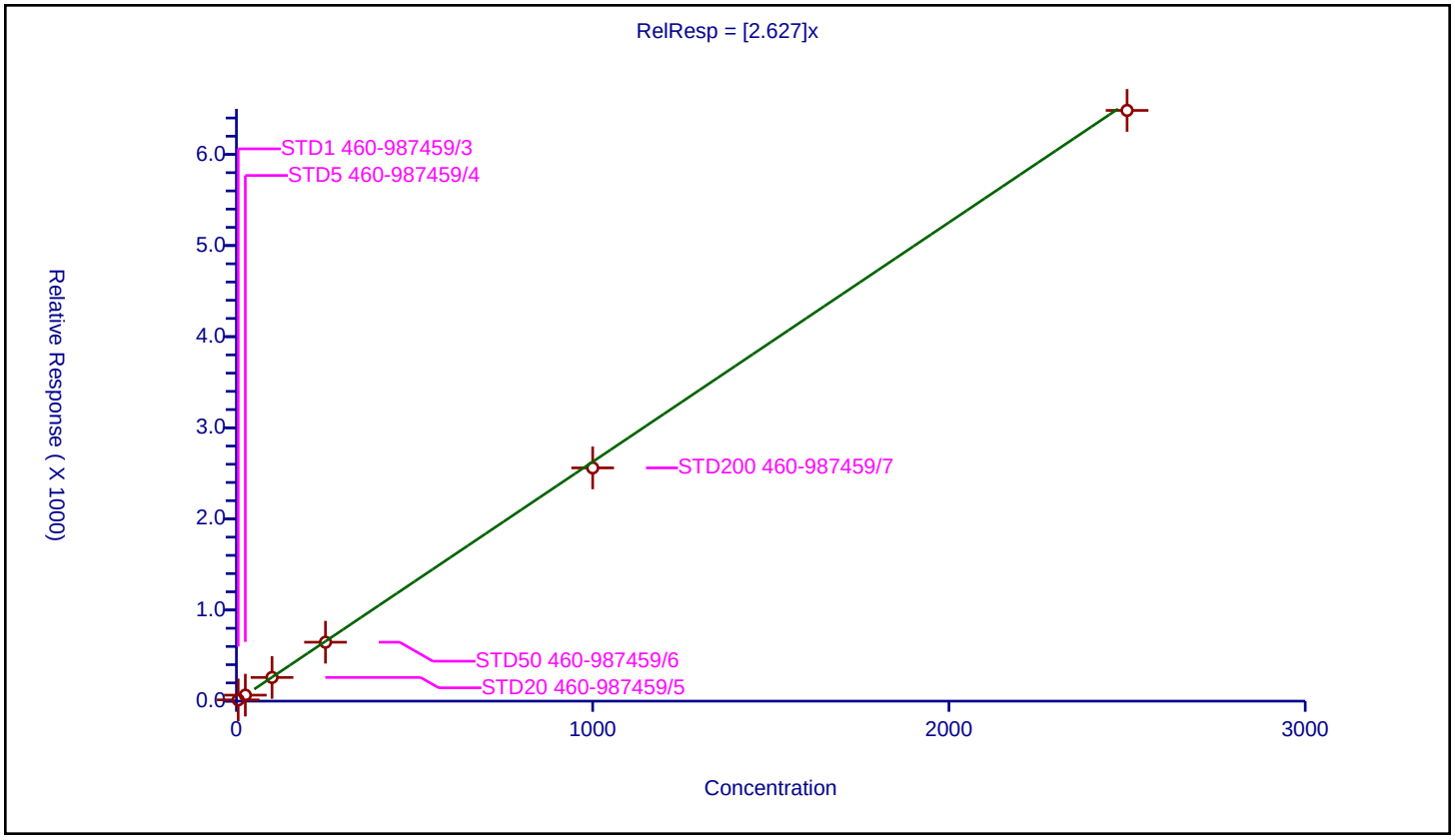
Curve Coefficients

Intercept:	0
Slope:	2.627

Error Coefficients

Relative Standard Deviation:	3.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	5.0	13.928864	250.0	234172.0	2.785773	Y
2	STD5 460-987459/4	25.0	65.851884	250.0	262483.0	2.634075	Y
3	STD20 460-987459/5	100.0	260.065347	250.0	268719.0	2.600653	Y
4	STD50 460-987459/6	250.0	646.746726	250.0	274047.0	2.586987	Y
5	STD200 460-987459/7	1000.0	2559.869199	250.0	273087.0	2.559869	Y
6	STD500 460-987459/8	2500.0	6483.472741	250.0	256561.0	2.593389	Y



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Calibration / Toluene-d8 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

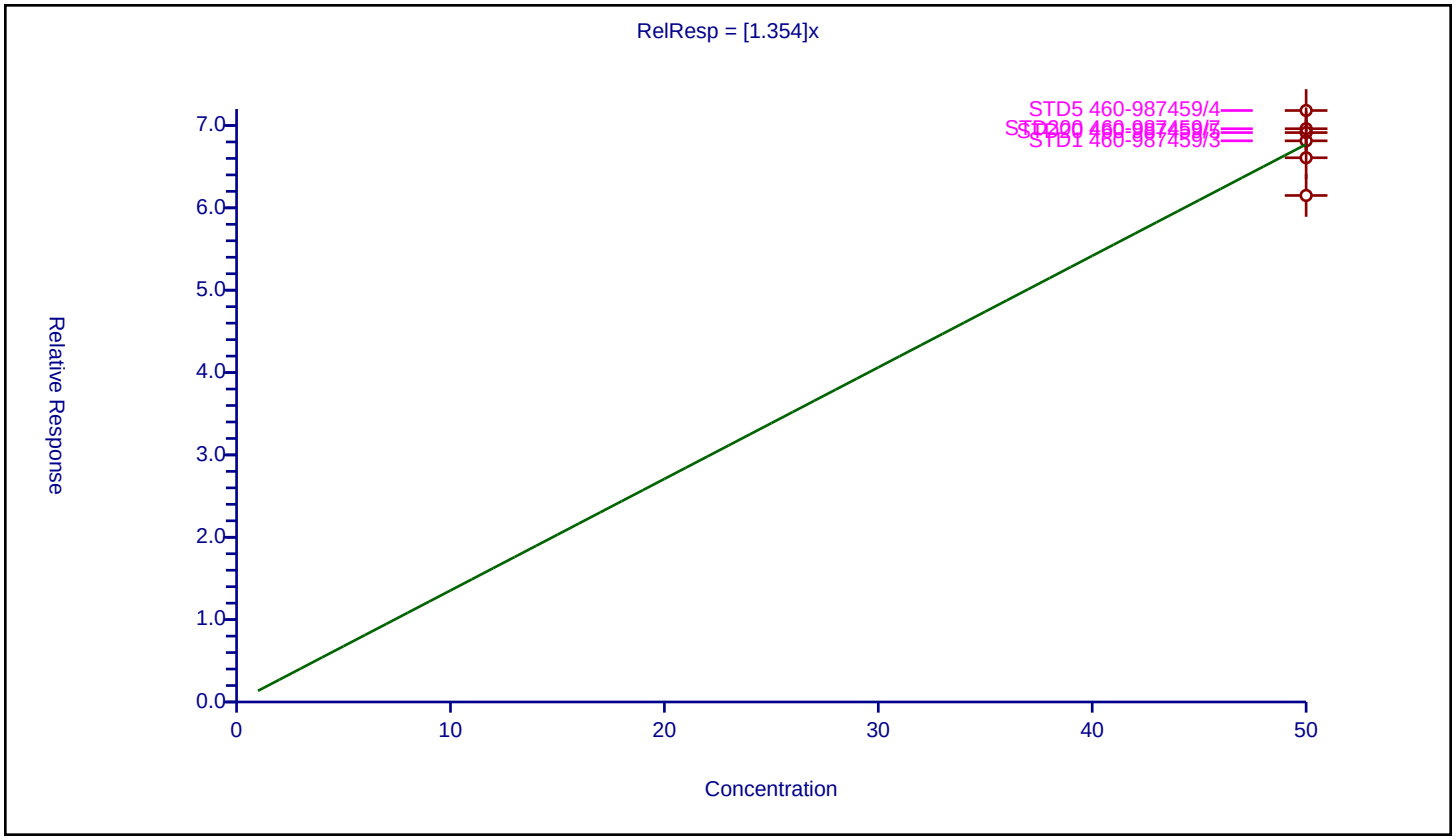
Curve Coefficients

Intercept:	0
Slope:	1.354

Error Coefficients

Relative Standard Deviation:	5.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	50.0	68.136678	50.0	450722.0	1.362734	Y
2	STD5 460-987459/4	50.0	71.819309	50.0	451765.0	1.436386	Y
3	STD20 460-987459/5	50.0	69.138738	50.0	484115.0	1.382775	Y
4	STD50 460-987459/6	50.0	66.081364	50.0	512441.0	1.321627	Y
5	STD200 460-987459/7	50.0	69.606803	50.0	506870.0	1.392136	Y
6	STD500 460-987459/8	50.0	61.504075	50.0	576361.0	1.230081	Y



Calibration / Toluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

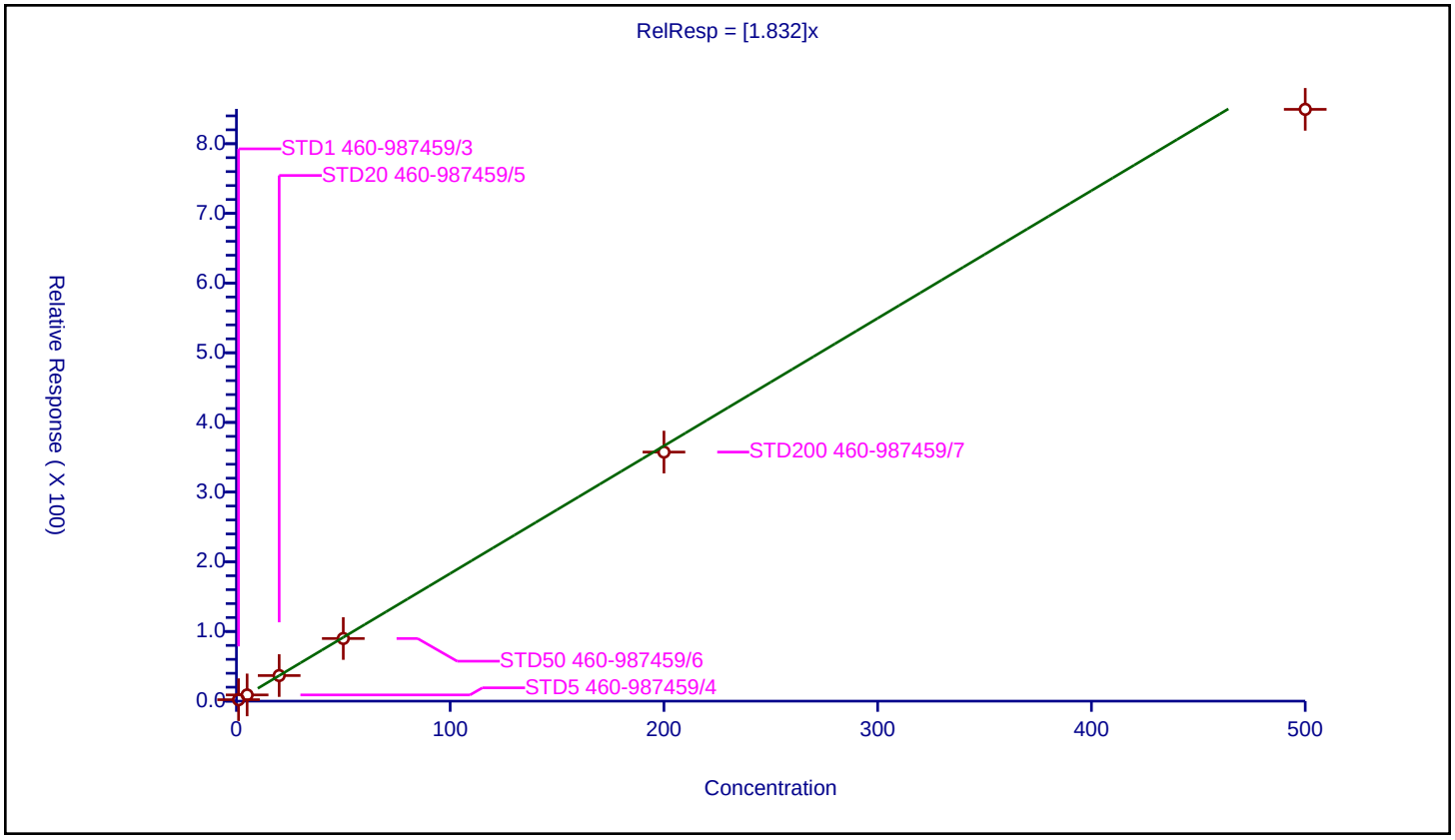
Curve Coefficients

Intercept:	0
Slope:	1.832

Error Coefficients

Relative Standard Deviation:	7.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	2.089204	50.0	450722.0	2.089204	Y
2	STD5 460-987459/4	5.0	8.907839	50.0	451765.0	1.781568	Y
3	STD20 460-987459/5	20.0	36.708323	50.0	484115.0	1.835416	Y
4	STD50 460-987459/6	50.0	89.900984	50.0	512441.0	1.79802	Y
5	STD200 460-987459/7	200.0	357.447472	50.0	506870.0	1.787237	Y
6	STD500 460-987459/8	500.0	849.368018	50.0	576361.0	1.698736	Y



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Calibration / trans-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

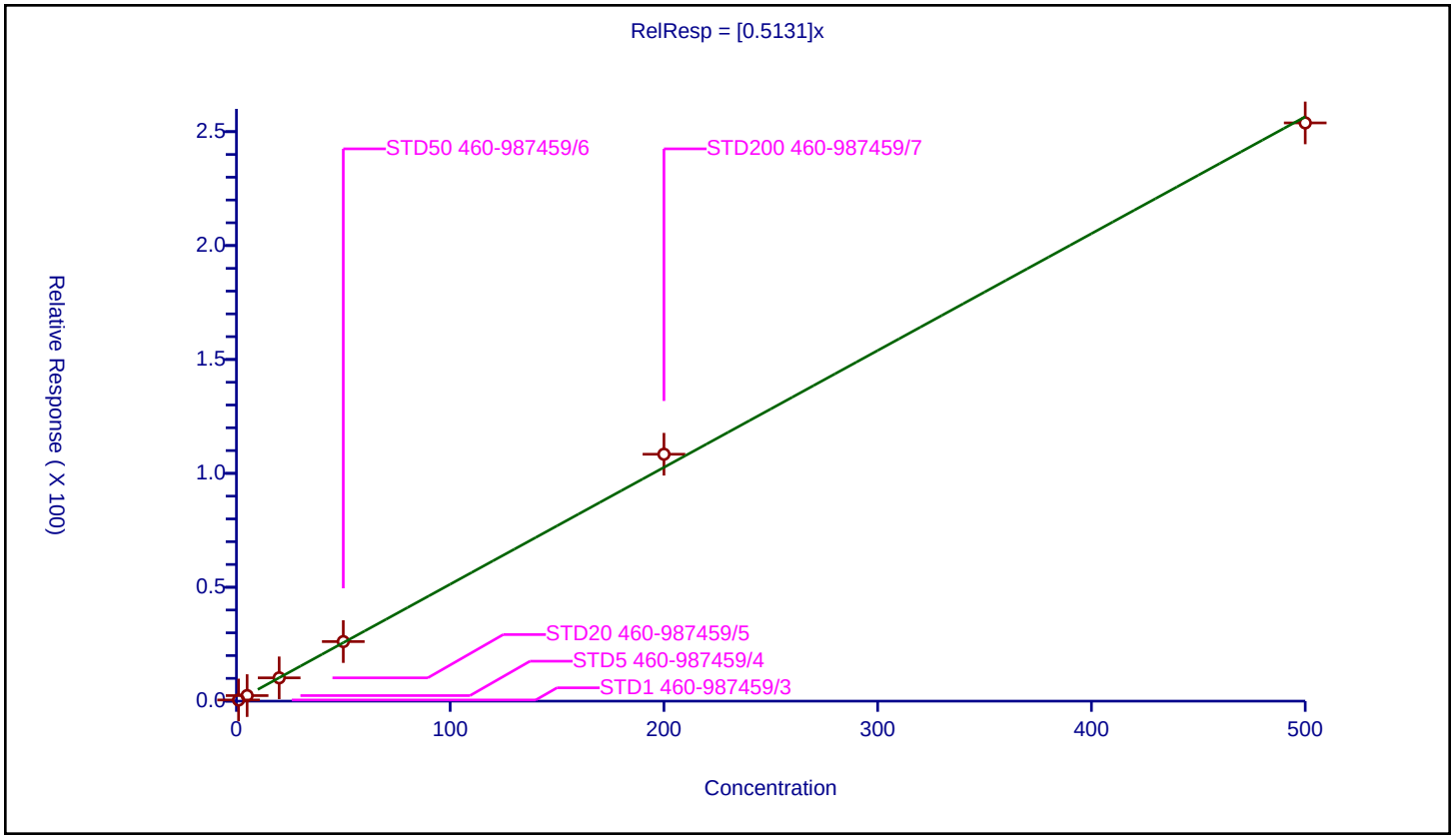
Curve Coefficients

Intercept:	0
Slope:	0.5131

Error Coefficients

Relative Standard Deviation:	3.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	0.506077	50.0	450722.0	0.506077	Y
2	STD5 460-987459/4	5.0	2.442199	50.0	451765.0	0.48844	Y
3	STD20 460-987459/5	20.0	10.227219	50.0	484115.0	0.511361	Y
4	STD50 460-987459/6	50.0	26.155011	50.0	512441.0	0.5231	Y
5	STD200 460-987459/7	200.0	108.394559	50.0	506870.0	0.541973	Y
6	STD500 460-987459/8	500.0	253.84542	50.0	576361.0	0.507691	Y



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Calibration / Ethyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

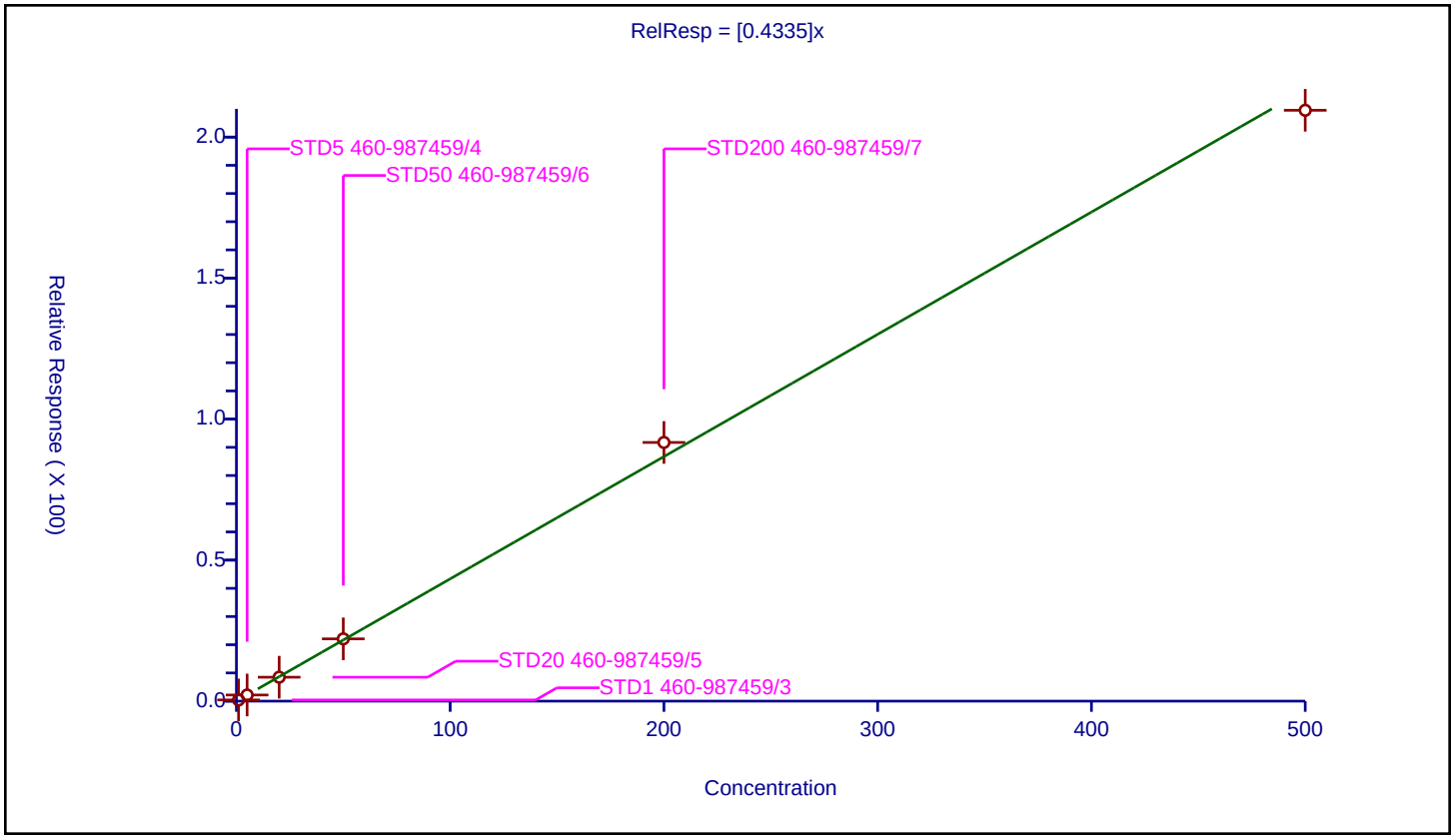
Curve Coefficients

Intercept:	0
Slope:	0.4335

Error Coefficients

Relative Standard Deviation:	3.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	0.421324	50.0	450722.0	0.421324	Y
2	STD5 460-987459/4	5.0	2.181001	50.0	451765.0	0.4362	Y
3	STD20 460-987459/5	20.0	8.488479	50.0	484115.0	0.424424	Y
4	STD50 460-987459/6	50.0	22.083128	50.0	512441.0	0.441663	Y
5	STD200 460-987459/7	200.0	91.724703	50.0	506870.0	0.458624	Y
6	STD500 460-987459/8	500.0	209.511834	50.0	576361.0	0.419024	Y



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Calibration / 1,1,2-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

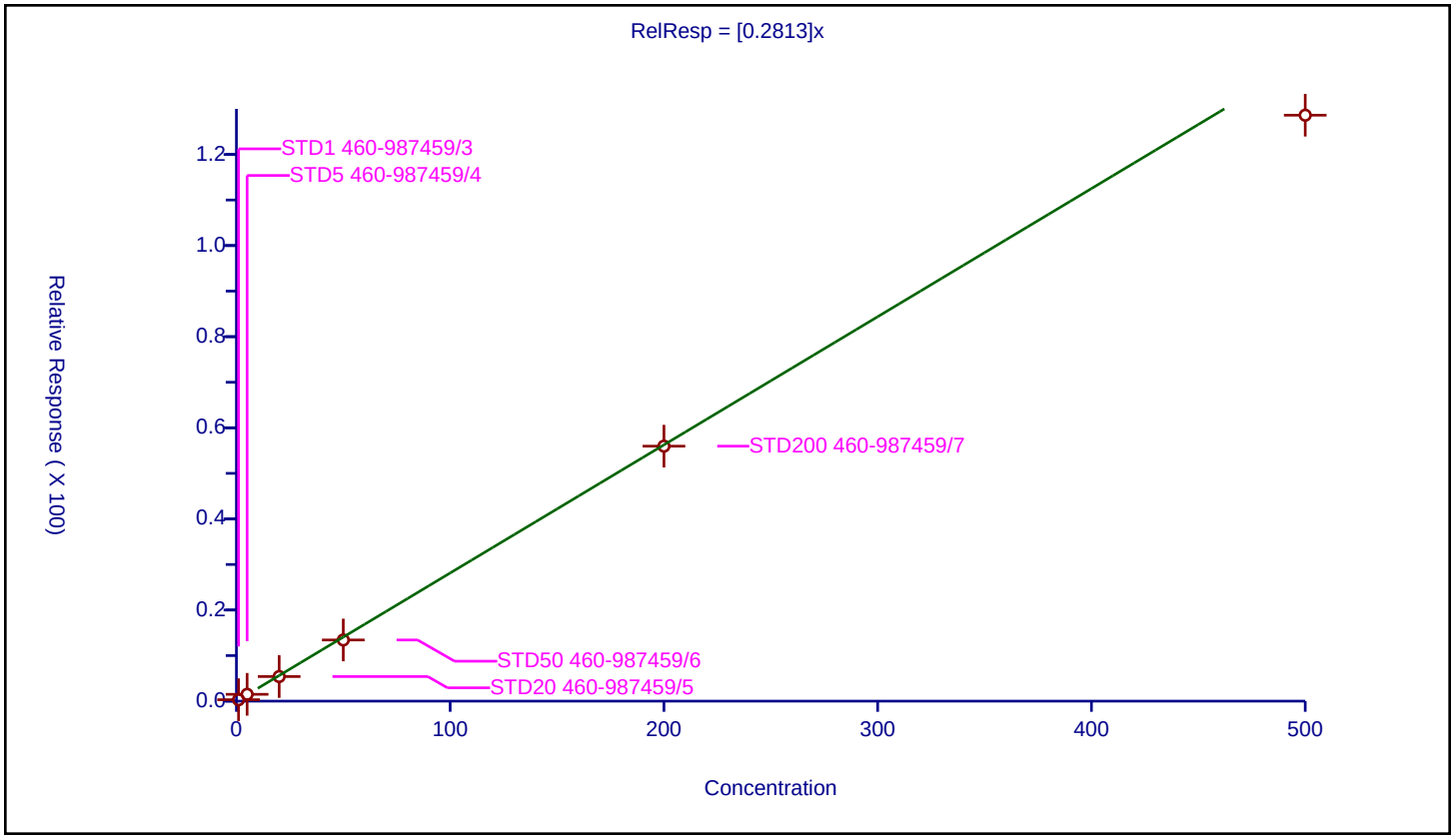
Curve Coefficients

Intercept:	0
Slope:	0.2813

Error Coefficients

Relative Standard Deviation:	7.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	0.31261	50.0	450722.0	0.31261	Y
2	STD5 460-987459/4	5.0	1.496796	50.0	451765.0	0.299359	Y
3	STD20 460-987459/5	20.0	5.400989	50.0	484115.0	0.270049	Y
4	STD50 460-987459/6	50.0	13.427887	50.0	512441.0	0.268558	Y
5	STD200 460-987459/7	200.0	55.969973	50.0	506870.0	0.27985	Y
6	STD500 460-987459/8	500.0	128.617134	50.0	576361.0	0.257234	Y



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Calibration / Tetrachloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

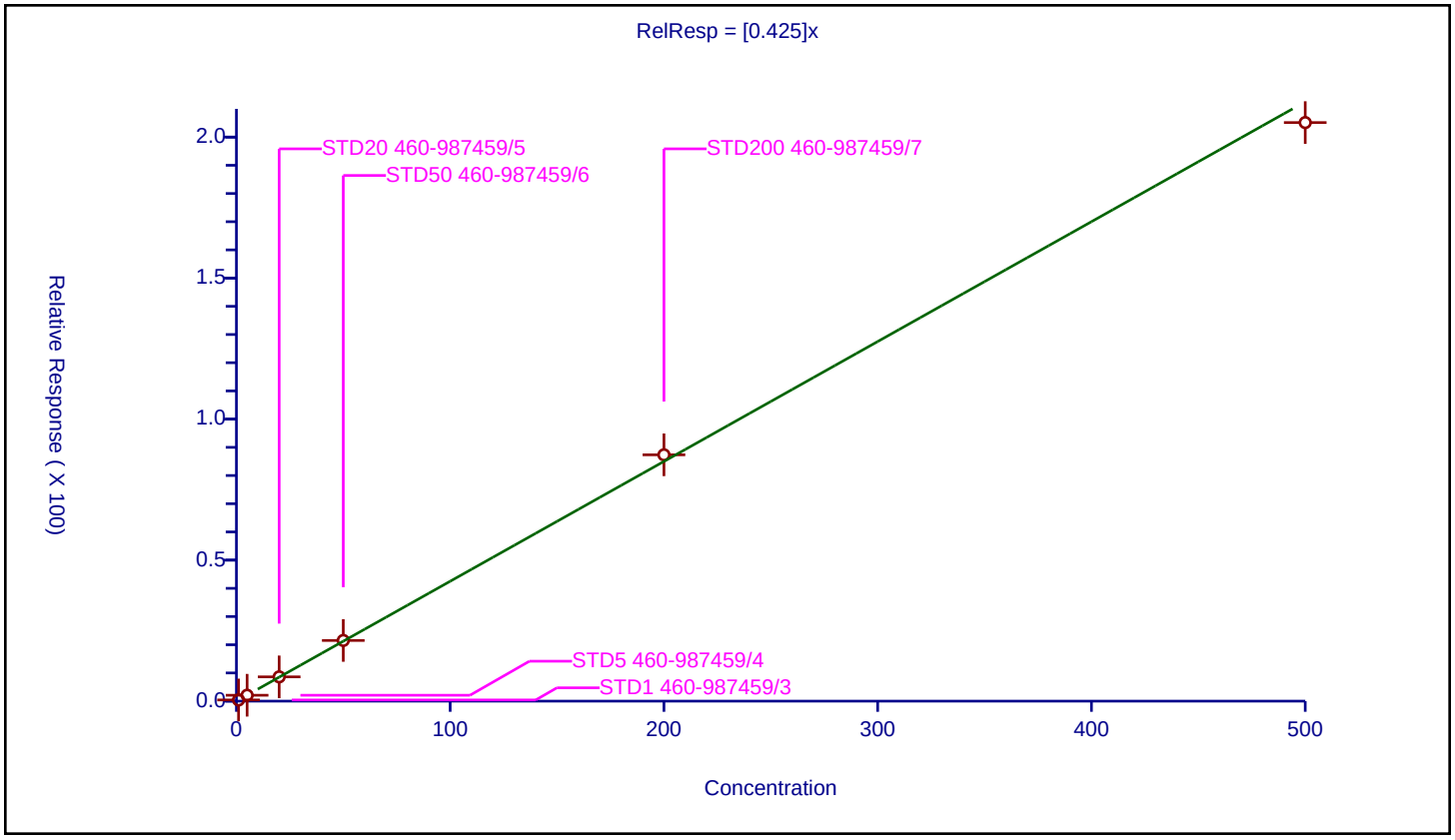
Curve Coefficients

Intercept:	0
Slope:	0.425

Error Coefficients

Relative Standard Deviation:	2.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	0.42443	50.0	450722.0	0.42443	Y
2	STD5 460-987459/4	5.0	2.088475	50.0	451765.0	0.417695	Y
3	STD20 460-987459/5	20.0	8.612107	50.0	484115.0	0.430605	Y
4	STD50 460-987459/6	50.0	21.519746	50.0	512441.0	0.430395	Y
5	STD200 460-987459/7	200.0	87.340245	50.0	506870.0	0.436701	Y
6	STD500 460-987459/8	500.0	205.143391	50.0	576361.0	0.410287	Y



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Calibration / 1,3-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

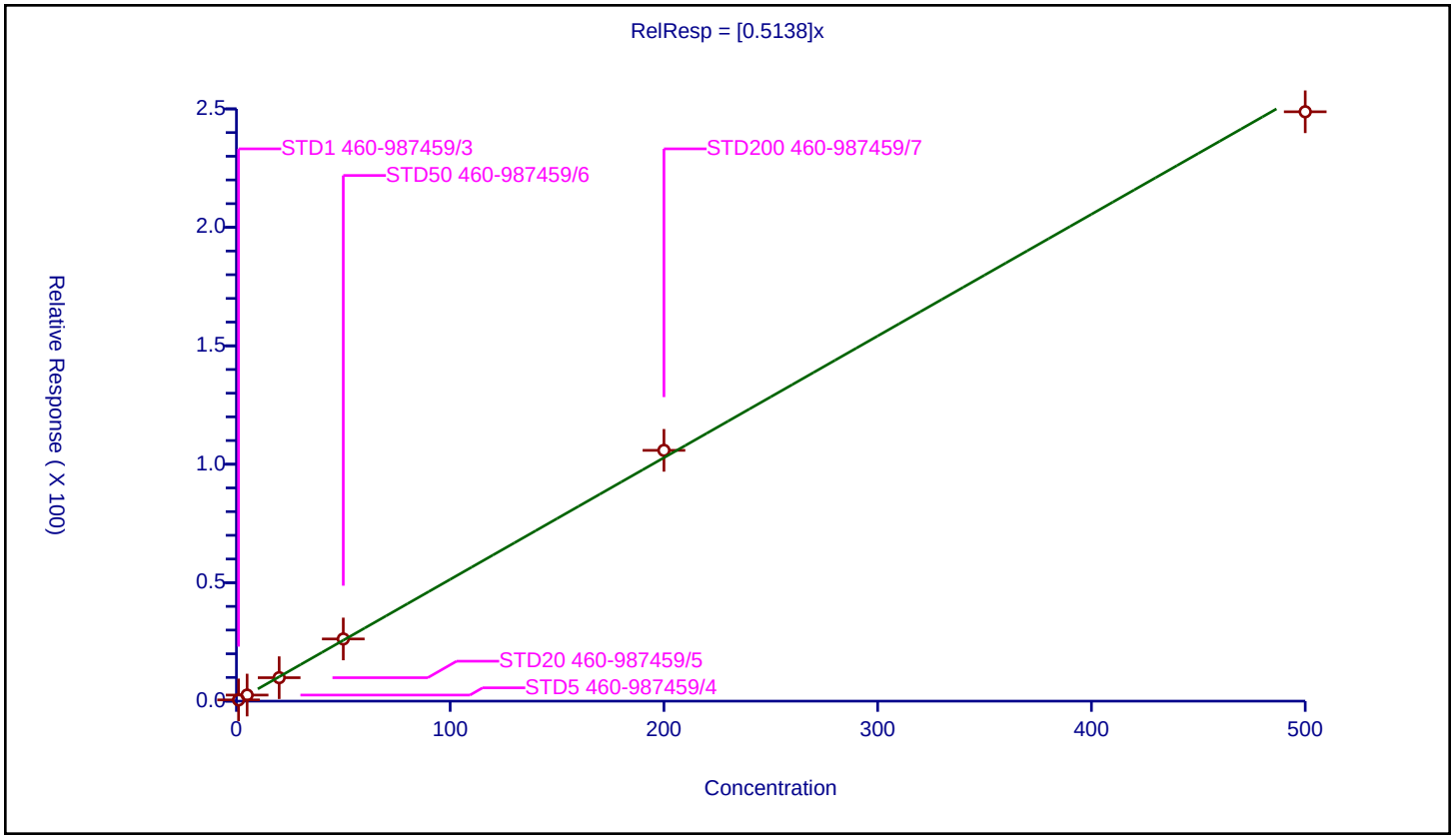
Curve Coefficients

Intercept:	0
Slope:	0.5138

Error Coefficients

Relative Standard Deviation:	2.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	0.522606	50.0	450722.0	0.522606	Y
2	STD5 460-987459/4	5.0	2.566157	50.0	451765.0	0.513231	Y
3	STD20 460-987459/5	20.0	9.902709	50.0	484115.0	0.495135	Y
4	STD50 460-987459/6	50.0	26.250729	50.0	512441.0	0.525015	Y
5	STD200 460-987459/7	200.0	105.865212	50.0	506870.0	0.529326	Y
6	STD500 460-987459/8	500.0	248.78852	50.0	576361.0	0.497577	Y



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Calibration / 2-Hexanone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

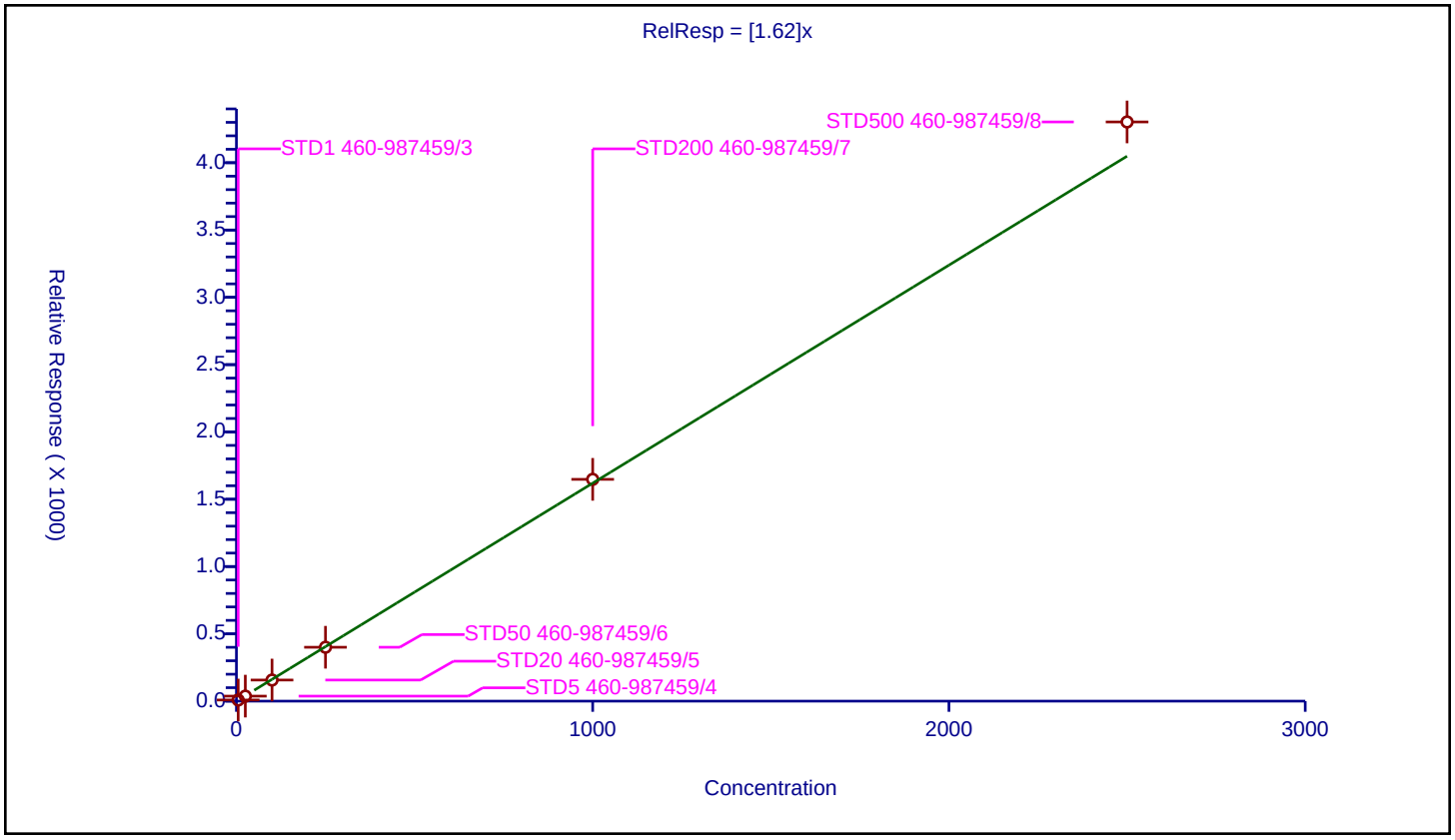
Curve Coefficients

Intercept:	0
Slope:	1.62

Error Coefficients

Relative Standard Deviation:	5.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	5.0	8.430769	250.0	234172.0	1.686154	Y
2	STD5 460-987459/4	25.0	37.310988	250.0	262483.0	1.49244	Y
3	STD20 460-987459/5	100.0	156.781806	250.0	268719.0	1.567818	Y
4	STD50 460-987459/6	250.0	400.456856	250.0	274047.0	1.601827	Y
5	STD200 460-987459/7	1000.0	1647.76335	250.0	273087.0	1.647763	Y
6	STD500 460-987459/8	2500.0	4302.99422	250.0	256561.0	1.721198	Y



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Calibration / Chlorodibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

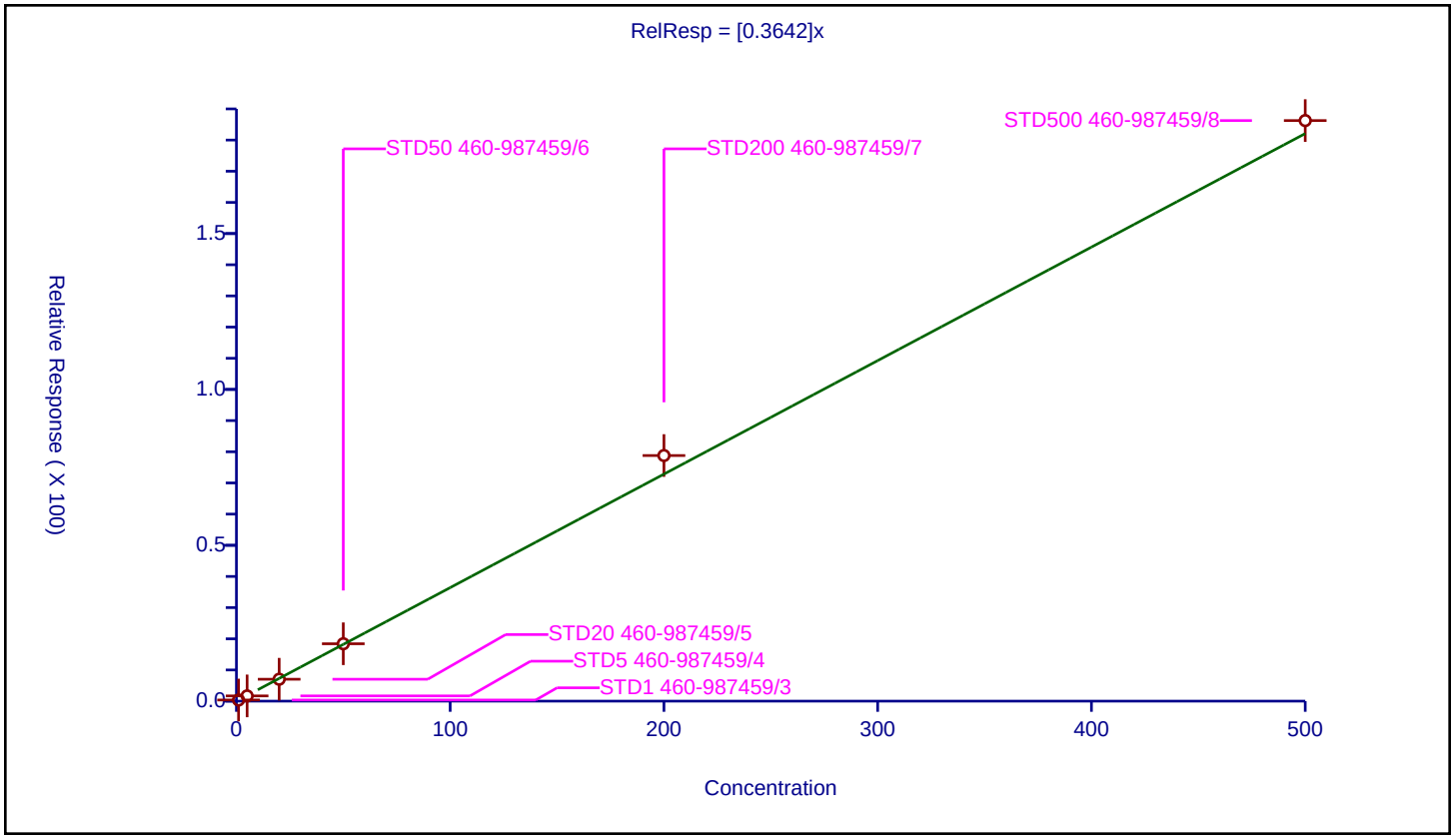
Curve Coefficients

Intercept:	0
Slope:	0.3642

Error Coefficients

Relative Standard Deviation:	5.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	0.362862	50.0	450722.0	0.362862	Y
2	STD5 460-987459/4	5.0	1.680409	50.0	451765.0	0.336082	Y
3	STD20 460-987459/5	20.0	7.029115	50.0	484115.0	0.351456	Y
4	STD50 460-987459/6	50.0	18.406509	50.0	512441.0	0.36813	Y
5	STD200 460-987459/7	200.0	78.78963	50.0	506870.0	0.393948	Y
6	STD500 460-987459/8	500.0	186.248723	50.0	576361.0	0.372497	Y



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Calibration / n-Butyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

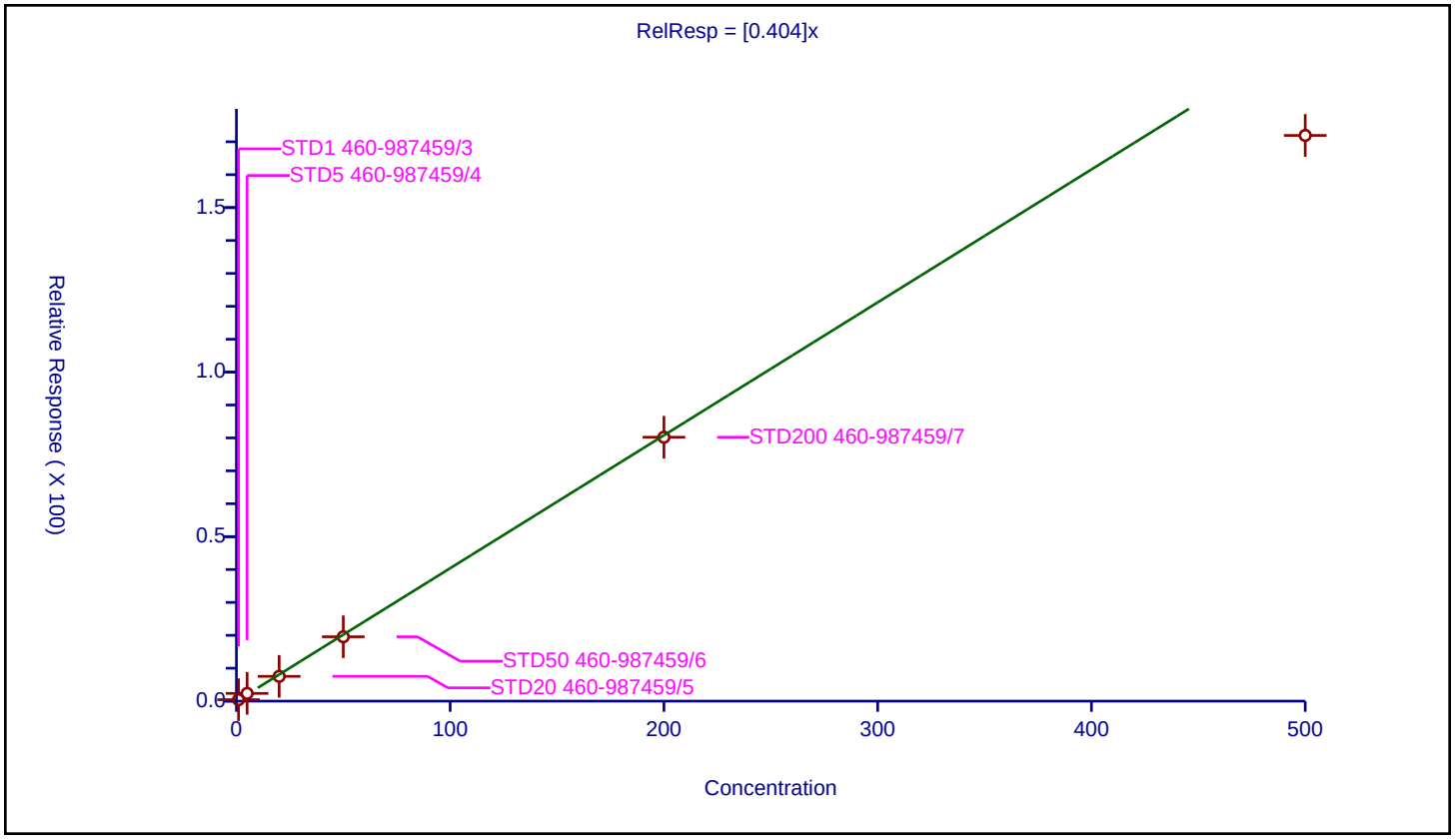
Curve Coefficients

Intercept:	0
Slope:	0.404

Error Coefficients

Relative Standard Deviation:	11.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	0.440294	50.0	450722.0	0.440294	Y
2	STD5 460-987459/4	5.0	2.354211	50.0	451765.0	0.470842	Y
3	STD20 460-987459/5	20.0	7.531785	50.0	484115.0	0.376589	Y
4	STD50 460-987459/6	50.0	19.560788	50.0	512441.0	0.391216	Y
5	STD200 460-987459/7	200.0	80.205871	50.0	506870.0	0.401029	Y
6	STD500 460-987459/8	500.0	171.931133	50.0	576361.0	0.343862	Y



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Calibration / Ethylene Dibromide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

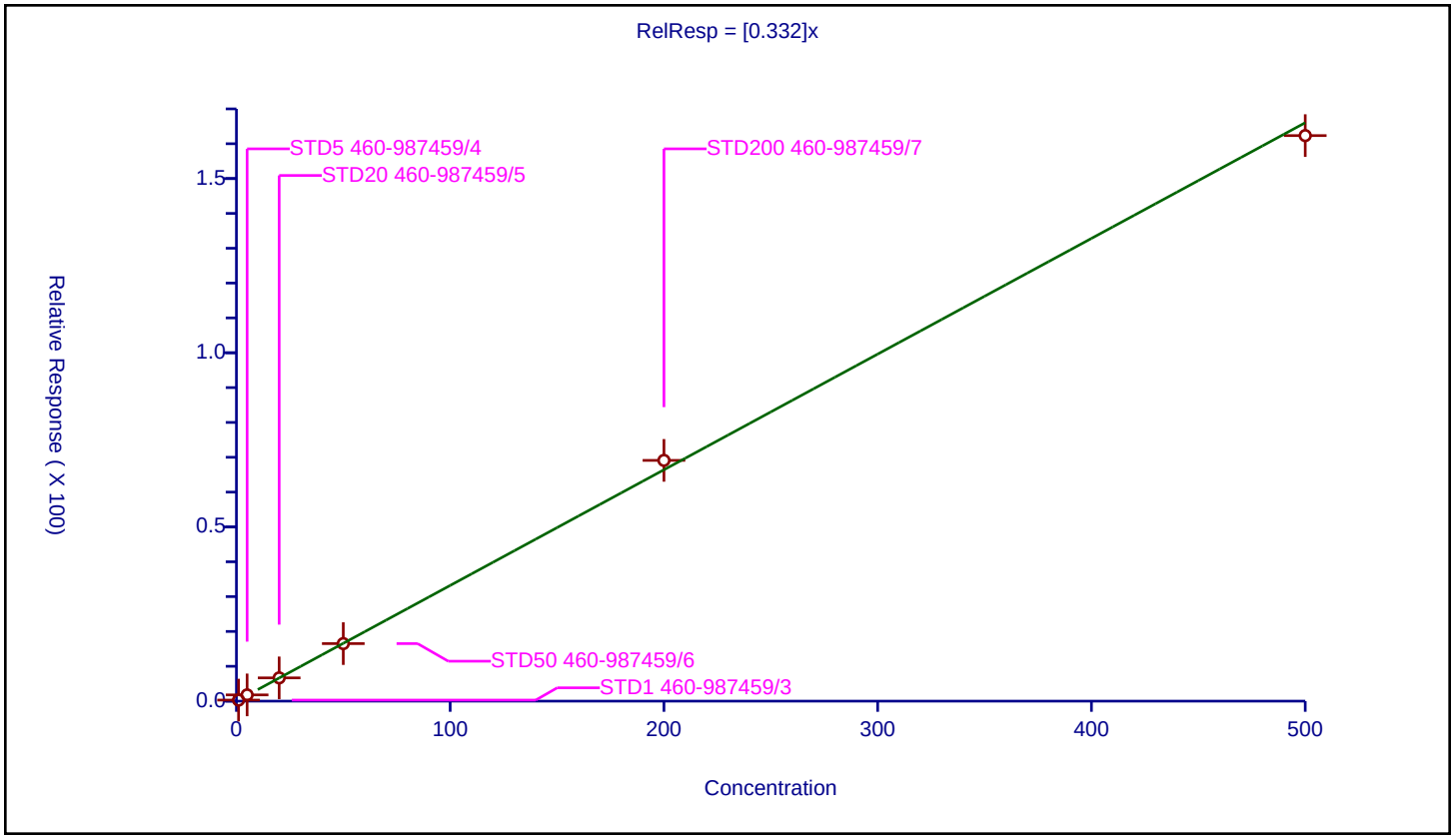
Curve Coefficients

Intercept:	0
Slope:	0.332

Error Coefficients

Relative Standard Deviation:	6.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	0.298854	50.0	450722.0	0.298854	Y
2	STD5 460-987459/4	5.0	1.795181	50.0	451765.0	0.359036	Y
3	STD20 460-987459/5	20.0	6.677855	50.0	484115.0	0.333893	Y
4	STD50 460-987459/6	50.0	16.514974	50.0	512441.0	0.330299	Y
5	STD200 460-987459/7	200.0	69.10845	50.0	506870.0	0.345542	Y
6	STD500 460-987459/8	500.0	162.329772	50.0	576361.0	0.32466	Y



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Calibration / Chlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

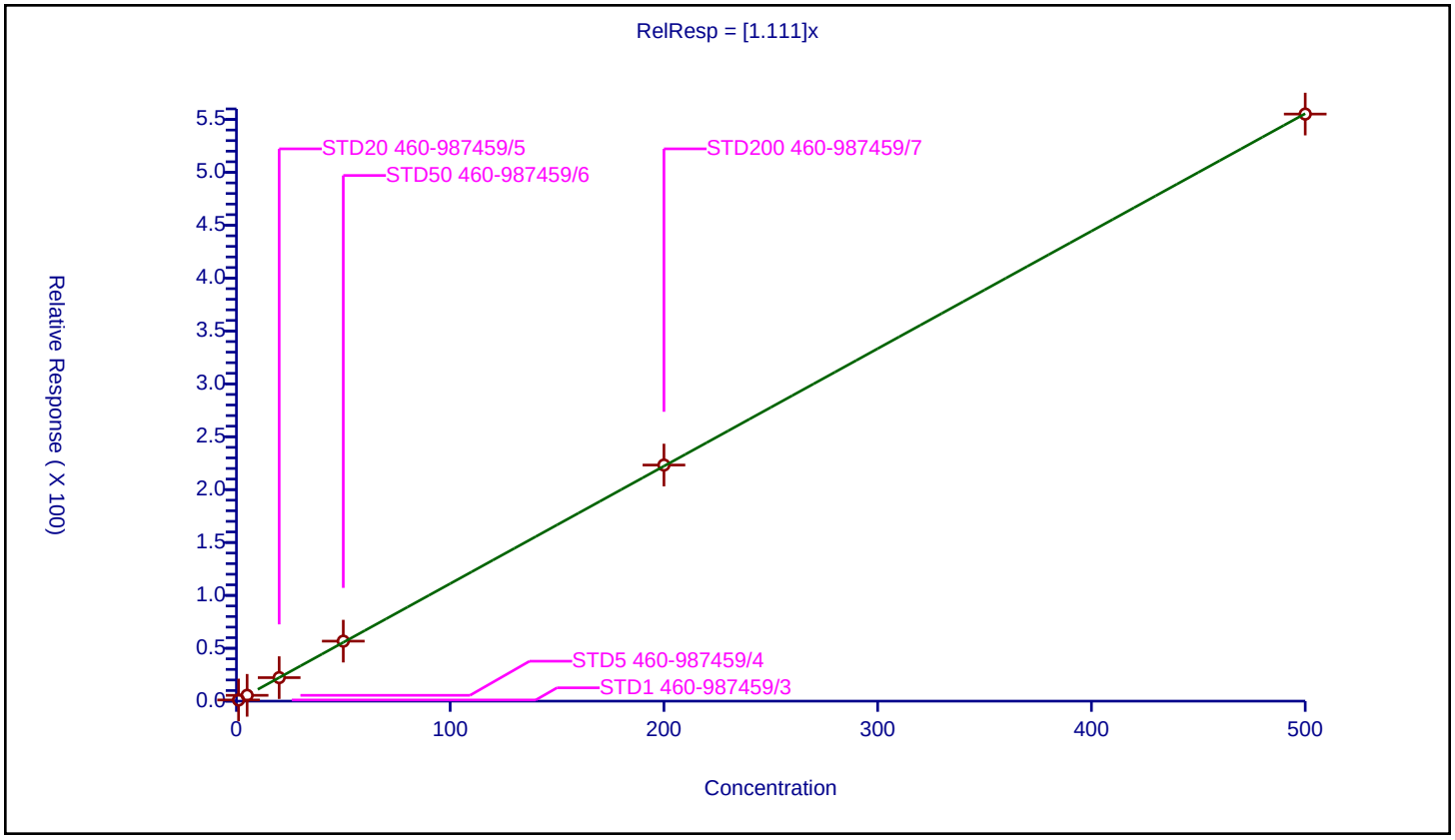
Curve Coefficients

Intercept:	0
Slope:	1.111

Error Coefficients

Relative Standard Deviation:	1.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	1.093357	50.0	450722.0	1.093357	Y
2	STD5 460-987459/4	5.0	5.502861	50.0	451765.0	1.100572	Y
3	STD20 460-987459/5	20.0	22.228293	50.0	484115.0	1.111415	Y
4	STD50 460-987459/6	50.0	56.717847	50.0	512441.0	1.134357	Y
5	STD200 460-987459/7	200.0	223.250636	50.0	506870.0	1.116253	Y
6	STD500 460-987459/8	500.0	555.120402	50.0	576361.0	1.110241	Y



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Calibration / 1,1,1,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

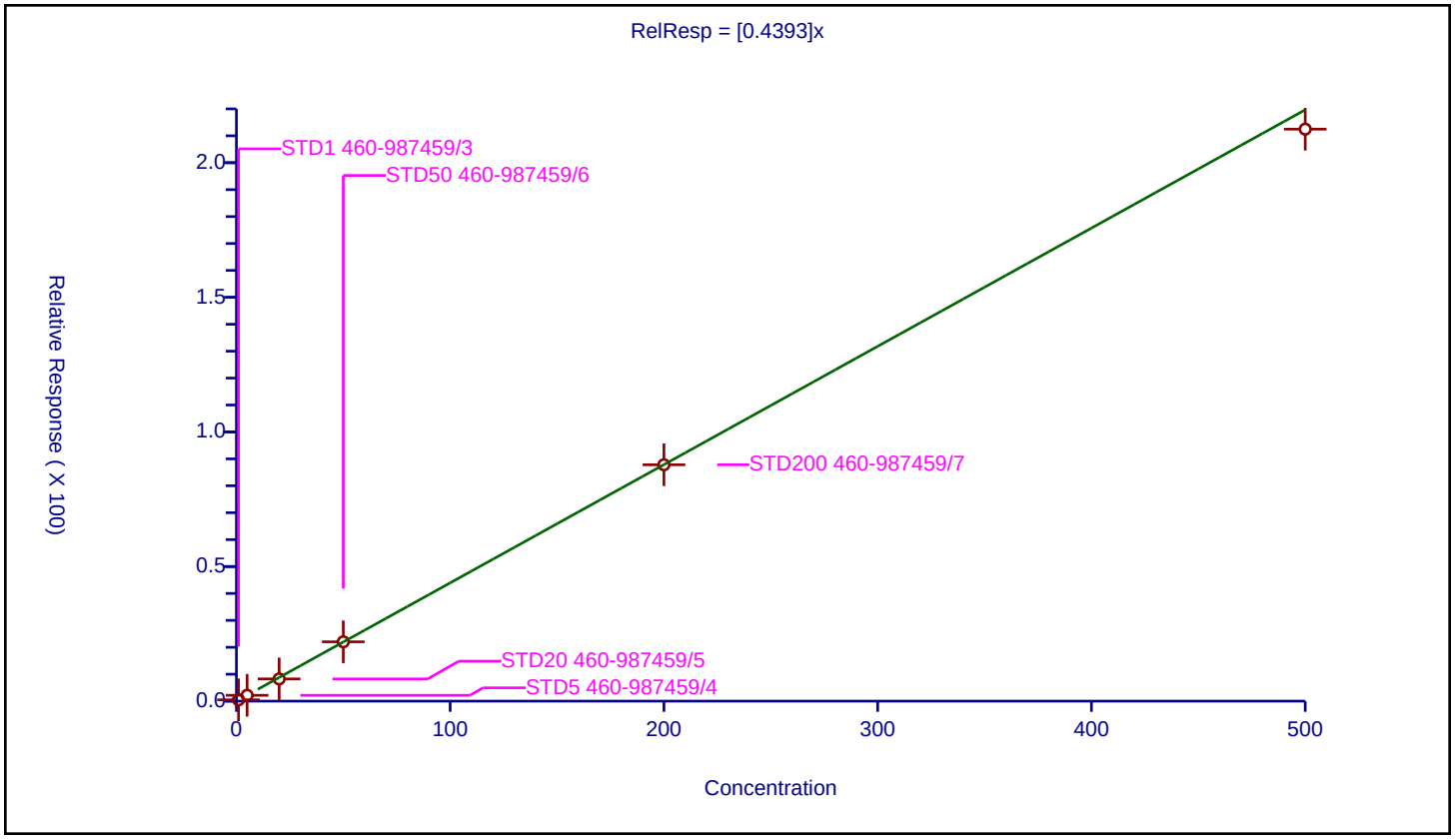
Curve Coefficients

Intercept:	0
Slope:	0.4393

Error Coefficients

Relative Standard Deviation:	5.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	0.485776	50.0	450722.0	0.485776	Y
2	STD5 460-987459/4	5.0	2.162407	50.0	451765.0	0.432481	Y
3	STD20 460-987459/5	20.0	8.258265	50.0	484115.0	0.412913	Y
4	STD50 460-987459/6	50.0	22.036781	50.0	512441.0	0.440736	Y
5	STD200 460-987459/7	200.0	87.807525	50.0	506870.0	0.439038	Y
6	STD500 460-987459/8	500.0	212.475861	50.0	576361.0	0.424952	Y



Calibration / Ethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

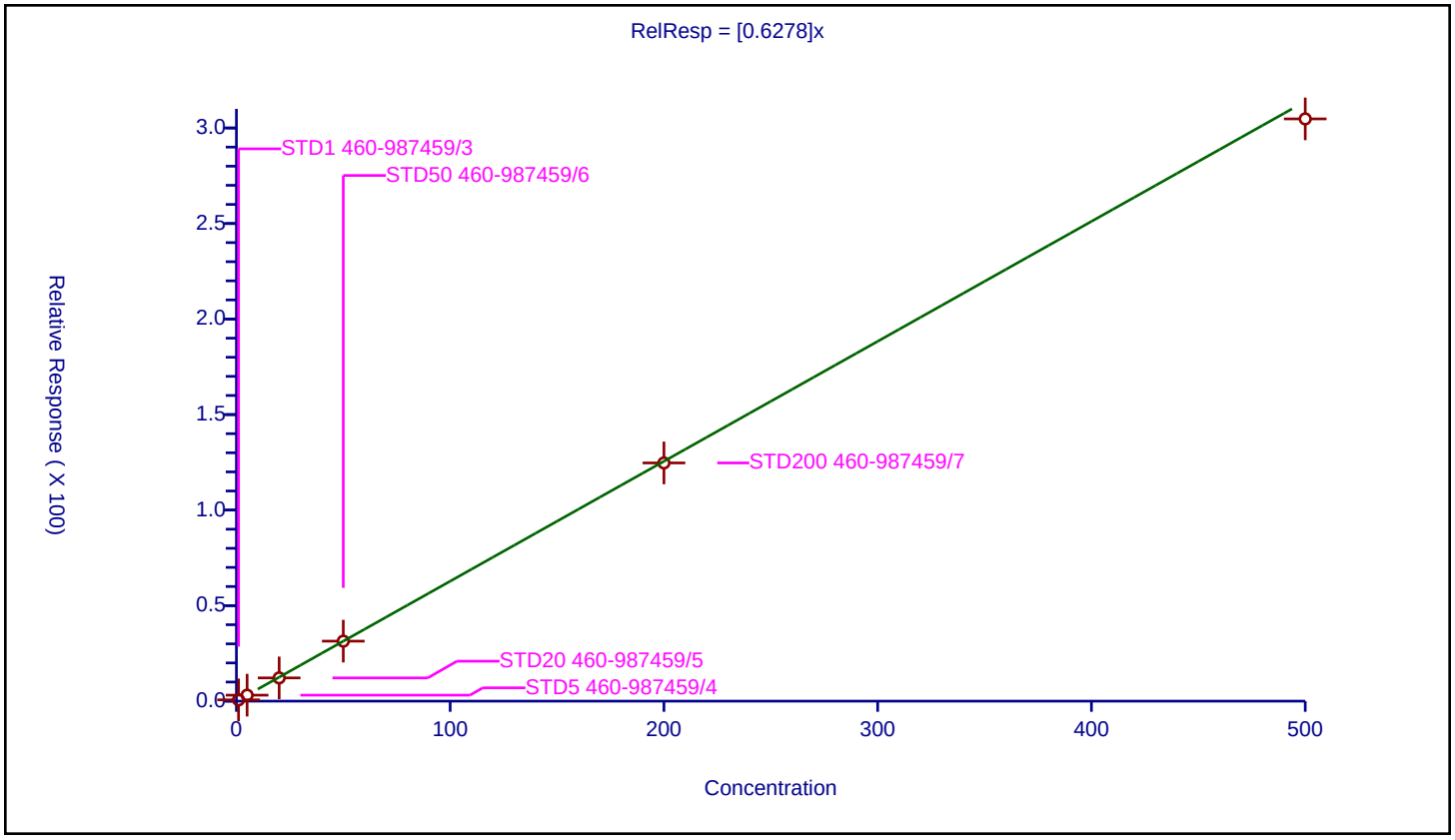
Curve Coefficients

Intercept:	0
Slope:	0.6278

Error Coefficients

Relative Standard Deviation:	3.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	0.670702	50.0	450722.0	0.670702	Y
2	STD5 460-987459/4	5.0	3.133156	50.0	451765.0	0.626631	Y
3	STD20 460-987459/5	20.0	12.164465	50.0	484115.0	0.608223	Y
4	STD50 460-987459/6	50.0	31.404103	50.0	512441.0	0.628082	Y
5	STD200 460-987459/7	200.0	124.68631	50.0	506870.0	0.623432	Y
6	STD500 460-987459/8	500.0	304.756307	50.0	576361.0	0.609513	Y



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Calibration / m-Xylene & p-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

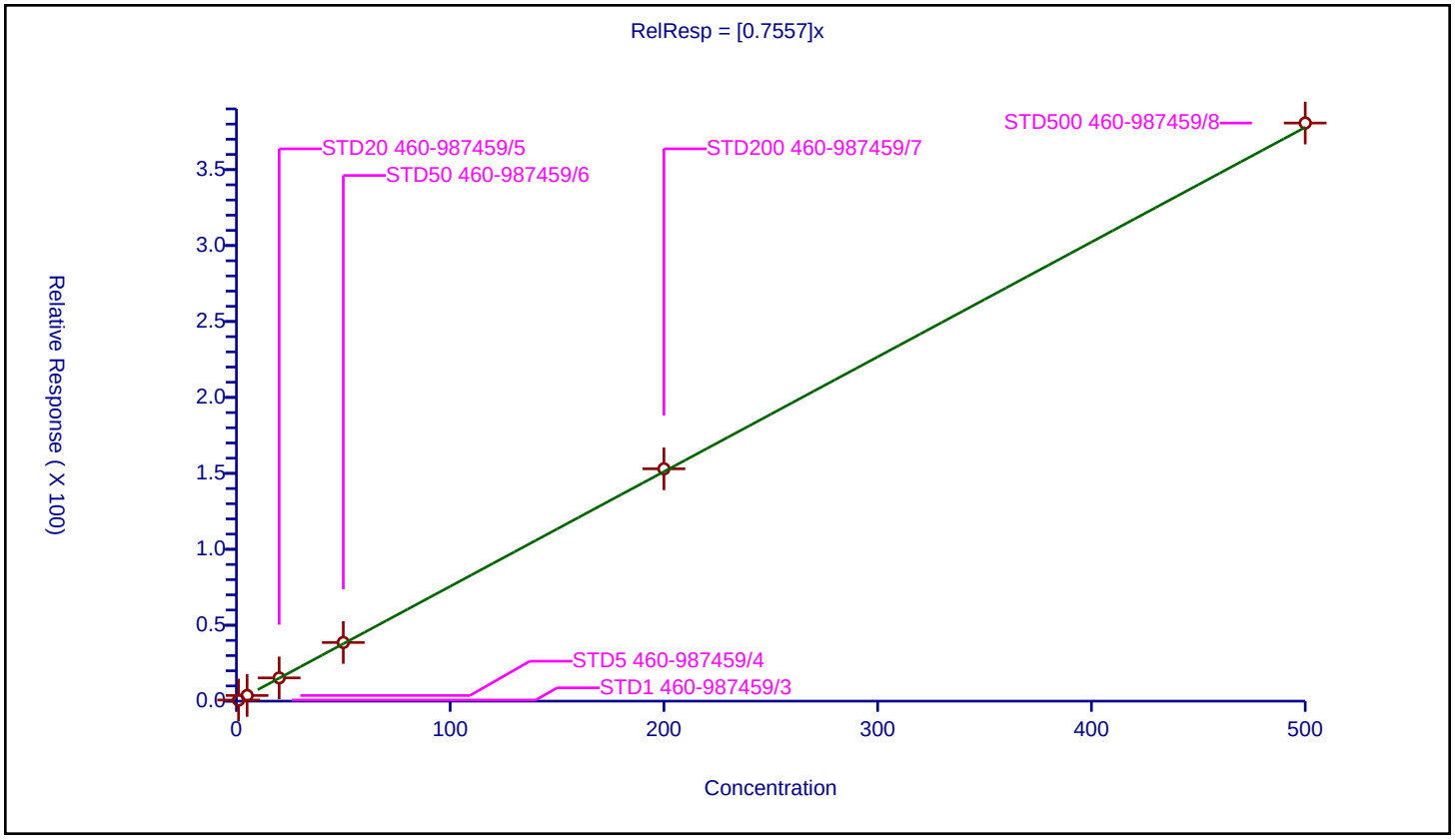
Curve Coefficients

Intercept:	0
Slope:	0.7557

Error Coefficients

Relative Standard Deviation:	2.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	0.723062	50.0	450722.0	0.723062	Y
2	STD5 460-987459/4	5.0	3.734353	50.0	451765.0	0.746871	Y
3	STD20 460-987459/5	20.0	15.30783	50.0	484115.0	0.765391	Y
4	STD50 460-987459/6	50.0	38.636545	50.0	512441.0	0.772731	Y
5	STD200 460-987459/7	200.0	152.992681	50.0	506870.0	0.764963	Y
6	STD500 460-987459/8	500.0	380.692222	50.0	576361.0	0.761384	Y



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Calibration / o-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

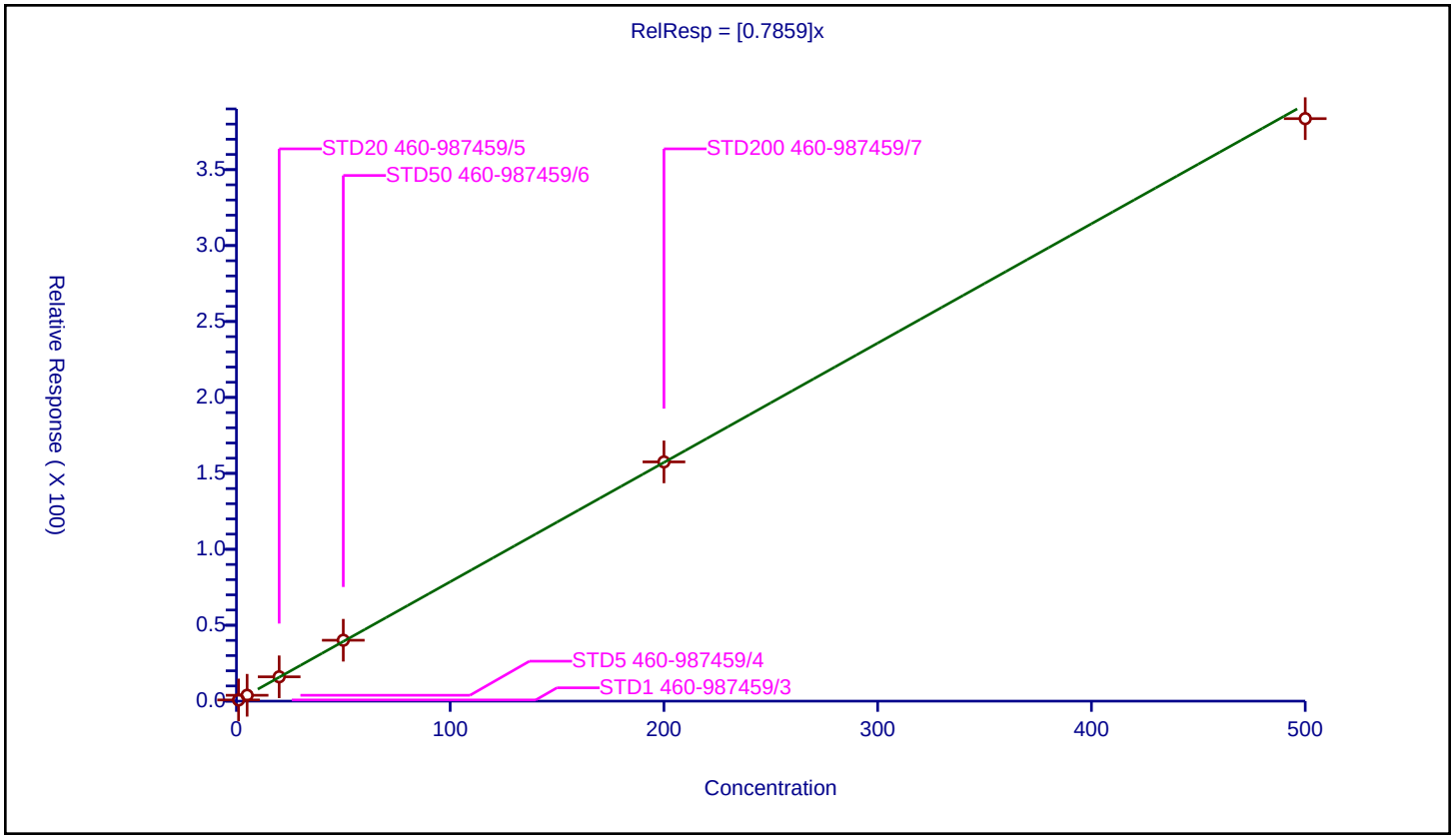
Curve Coefficients

Intercept:	0
Slope:	0.7859

Error Coefficients

Relative Standard Deviation:	1.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	0.784519	50.0	450722.0	0.784519	Y
2	STD5 460-987459/4	5.0	3.863956	50.0	451765.0	0.772791	Y
3	STD20 460-987459/5	20.0	16.02047	50.0	484115.0	0.801024	Y
4	STD50 460-987459/6	50.0	40.104519	50.0	512441.0	0.80209	Y
5	STD200 460-987459/7	200.0	157.539211	50.0	506870.0	0.787696	Y
6	STD500 460-987459/8	500.0	383.577914	50.0	576361.0	0.767156	Y



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Calibration / Styrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

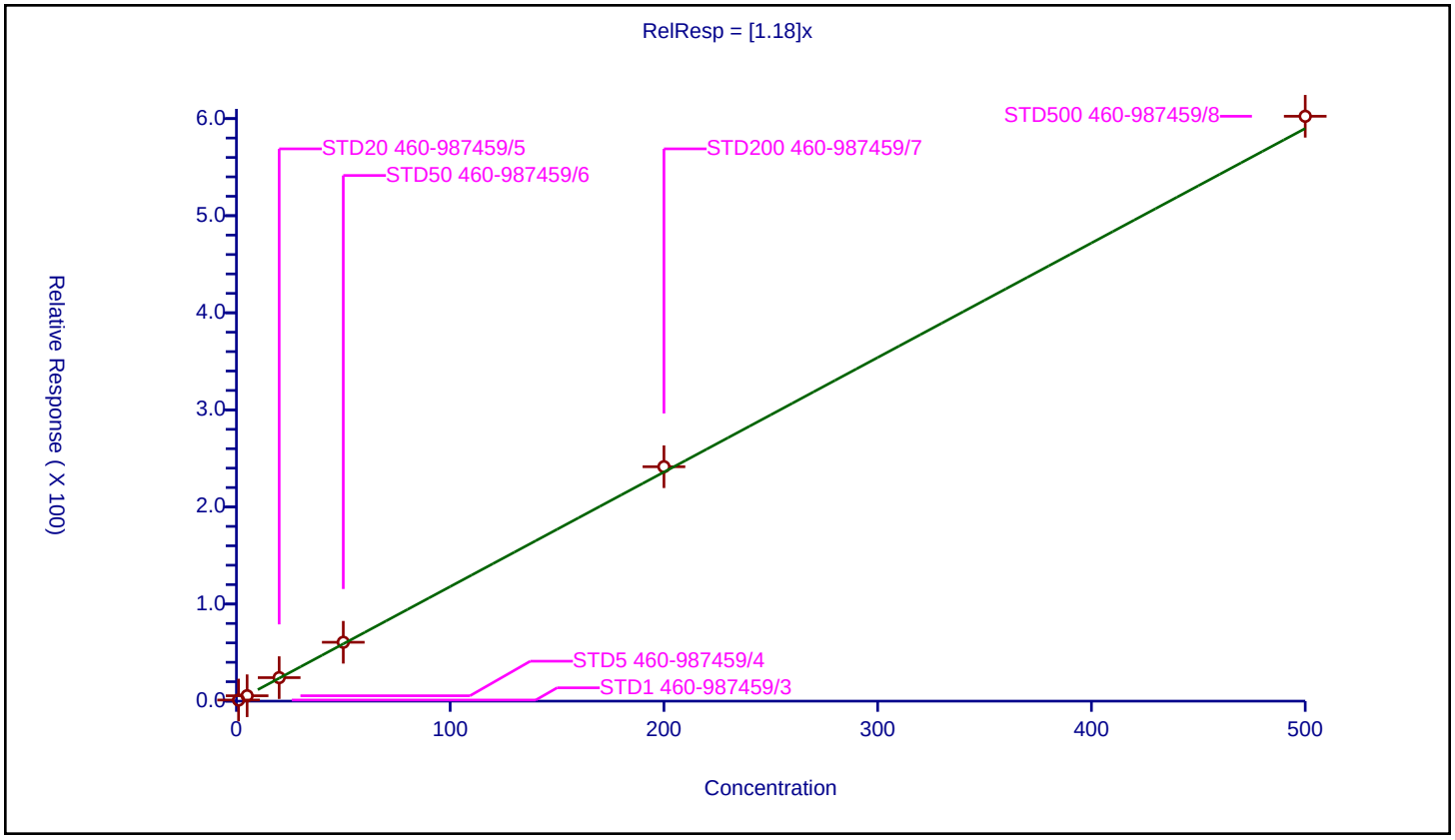
Curve Coefficients

Intercept:	0
Slope:	1.18

Error Coefficients

Relative Standard Deviation:	3.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	1.132627	50.0	450722.0	1.132627	Y
2	STD5 460-987459/4	5.0	5.55344	50.0	451765.0	1.110688	Y
3	STD20 460-987459/5	20.0	24.197866	50.0	484115.0	1.209893	Y
4	STD50 460-987459/6	50.0	60.648933	50.0	512441.0	1.212979	Y
5	STD200 460-987459/7	200.0	241.437252	50.0	506870.0	1.207186	Y
6	STD500 460-987459/8	500.0	602.397369	50.0	576361.0	1.204795	Y



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Calibration / n-Butyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

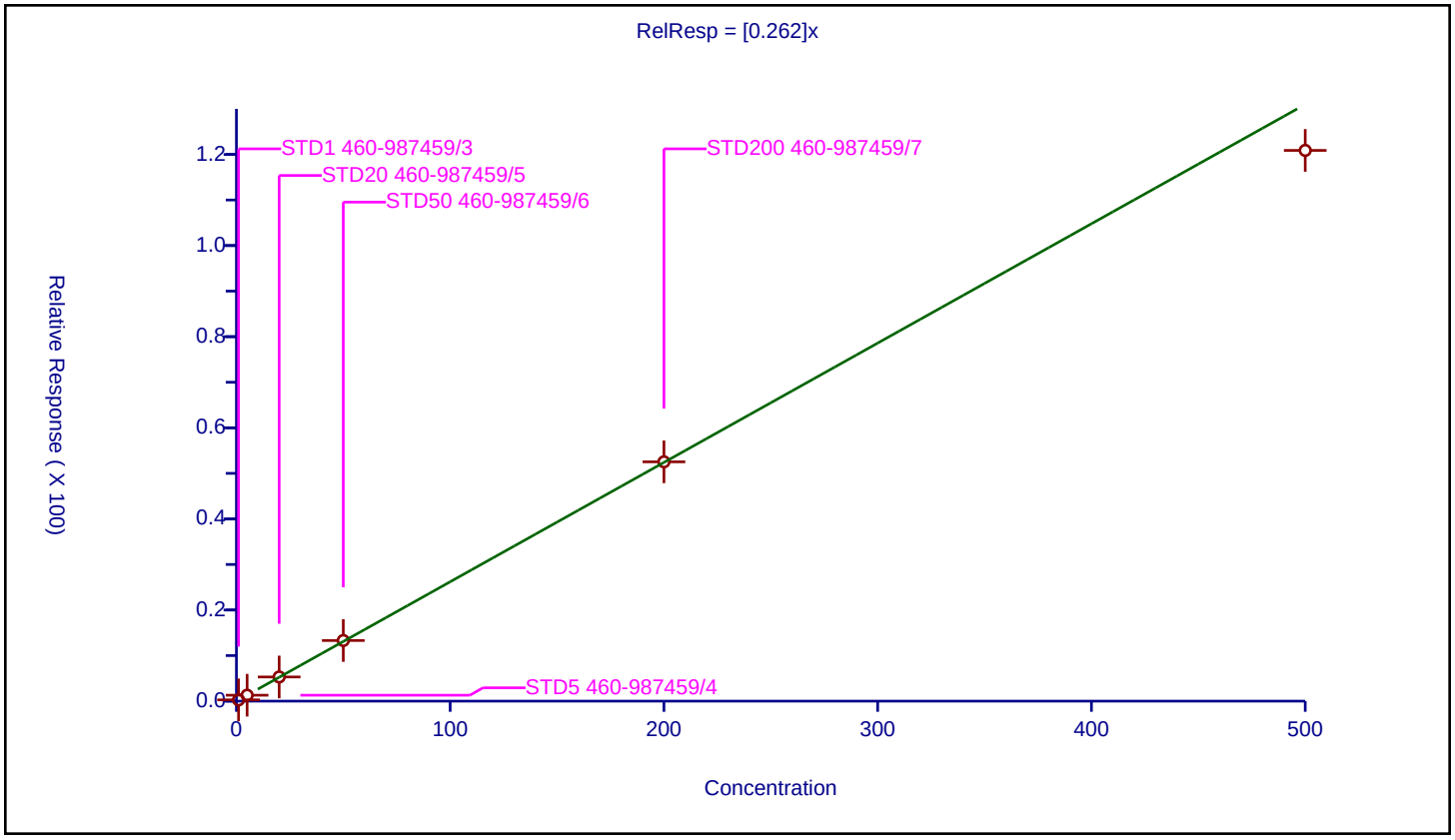
Curve Coefficients

Intercept:	0
Slope:	0.262

Error Coefficients

Relative Standard Deviation:	4.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	0.276223	50.0	450722.0	0.276223	Y
2	STD5 460-987459/4	5.0	1.29802	50.0	451765.0	0.259604	Y
3	STD20 460-987459/5	20.0	5.308243	50.0	484115.0	0.265412	Y
4	STD50 460-987459/6	50.0	13.308166	50.0	512441.0	0.266163	Y
5	STD200 460-987459/7	200.0	52.529347	50.0	506870.0	0.262647	Y
6	STD500 460-987459/8	500.0	120.88795	50.0	576361.0	0.241776	Y



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Calibration / Bromoform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

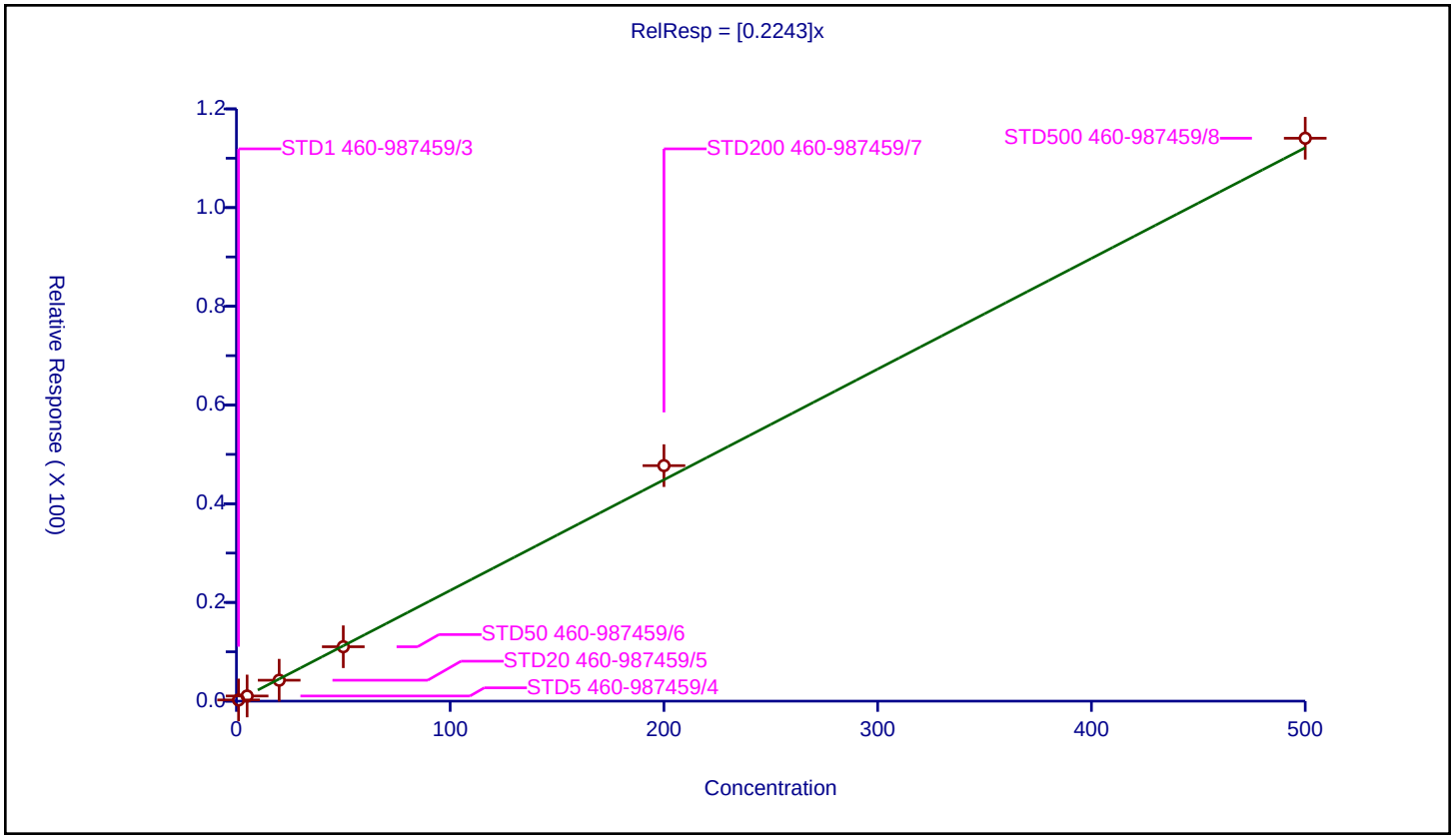
Curve Coefficients

Intercept:	0
Slope:	0.2243

Error Coefficients

Relative Standard Deviation:	5.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	0.237508	50.0	450722.0	0.237508	Y
2	STD5 460-987459/4	5.0	1.045344	50.0	451765.0	0.209069	Y
3	STD20 460-987459/5	20.0	4.238249	50.0	484115.0	0.211912	Y
4	STD50 460-987459/6	50.0	11.020098	50.0	512441.0	0.220402	Y
5	STD200 460-987459/7	200.0	47.718054	50.0	506870.0	0.23859	Y
6	STD500 460-987459/8	500.0	114.050743	50.0	576361.0	0.228101	Y



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Calibration / Amyl acetate (mixed isomers)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

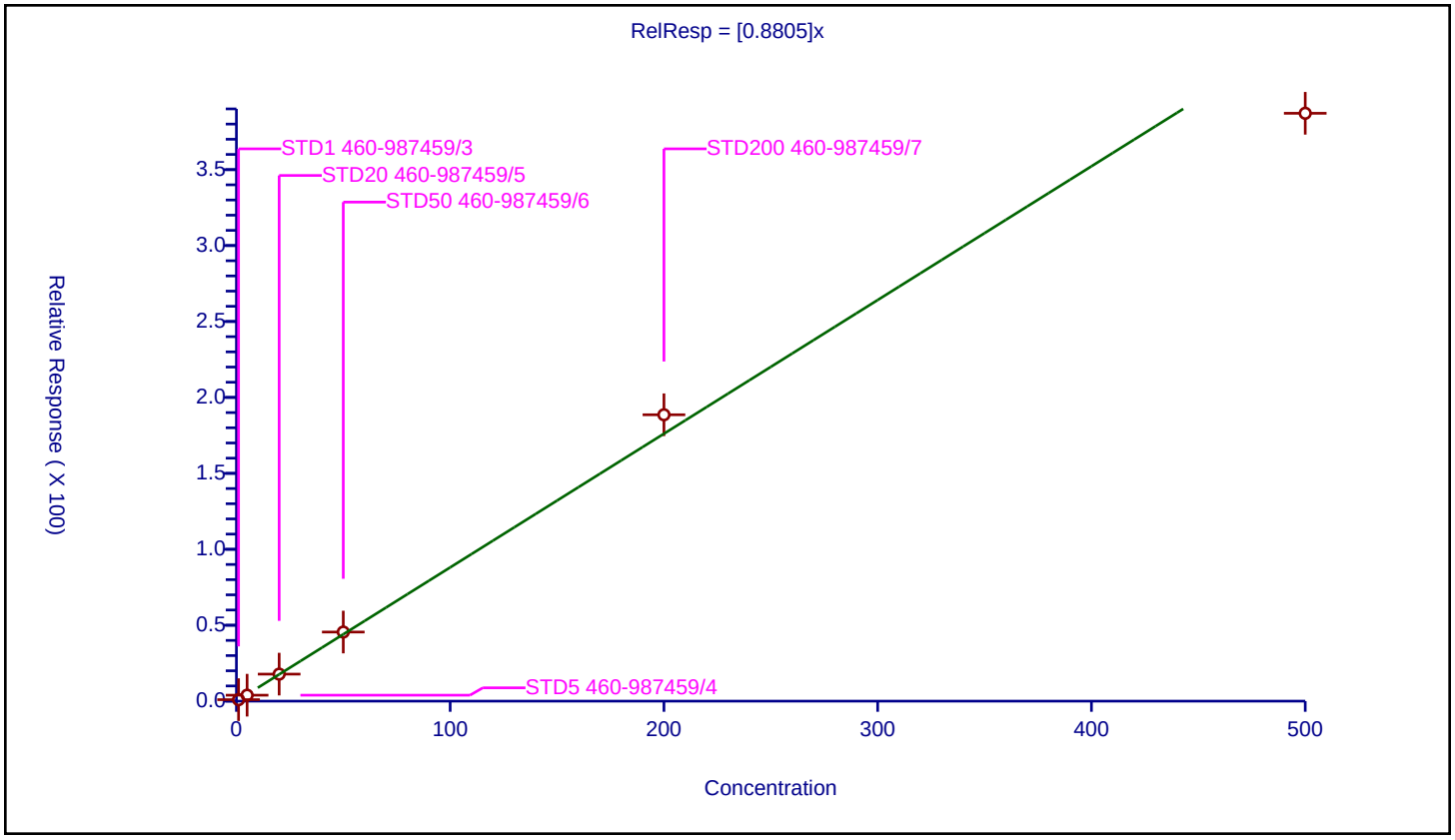
Curve Coefficients

Intercept:	0
Slope:	0.8805

Error Coefficients

Relative Standard Deviation:	9.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	0.980658	50.0	224594.0	0.980658	Y
2	STD5 460-987459/4	5.0	3.926761	50.0	242630.0	0.785352	Y
3	STD20 460-987459/5	20.0	17.796926	50.0	249456.0	0.889846	Y
4	STD50 460-987459/6	50.0	45.501873	50.0	251149.0	0.910037	Y
5	STD200 460-987459/7	200.0	188.581058	50.0	240771.0	0.942905	Y
6	STD500 460-987459/8	500.0	387.097785	50.0	290392.0	0.774196	Y



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Calibration / Isopropylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

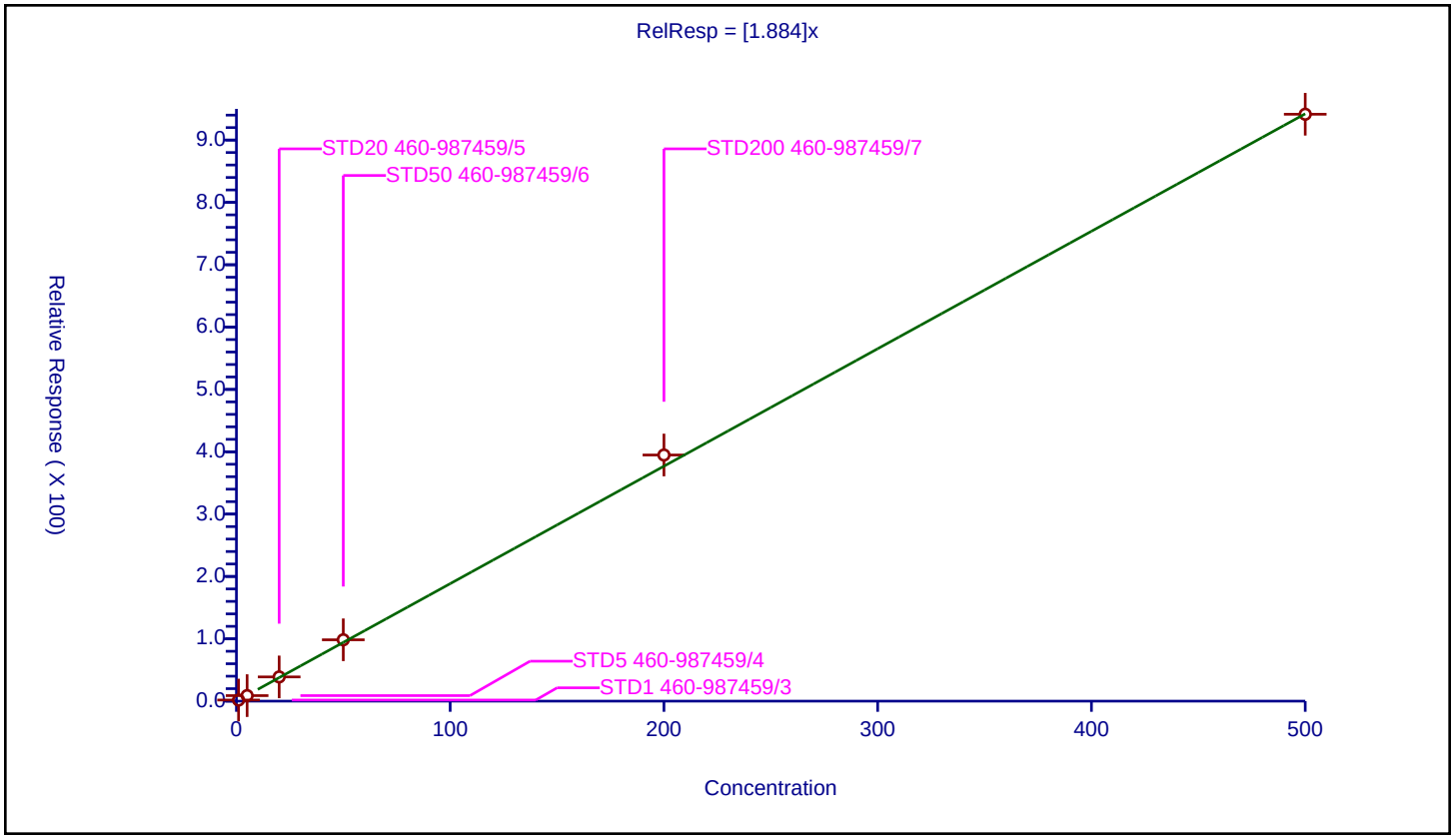
Curve Coefficients

Intercept:	0
Slope:	1.884

Error Coefficients

Relative Standard Deviation:	5.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	1.763615	50.0	450722.0	1.763615	Y
2	STD5 460-987459/4	5.0	8.874193	50.0	451765.0	1.774839	Y
3	STD20 460-987459/5	20.0	38.853165	50.0	484115.0	1.942658	Y
4	STD50 460-987459/6	50.0	98.39562	50.0	512441.0	1.967912	Y
5	STD200 460-987459/7	200.0	394.803105	50.0	506870.0	1.974016	Y
6	STD500 460-987459/8	500.0	941.403305	50.0	576361.0	1.882807	Y



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Calibration / 4-Bromofluorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

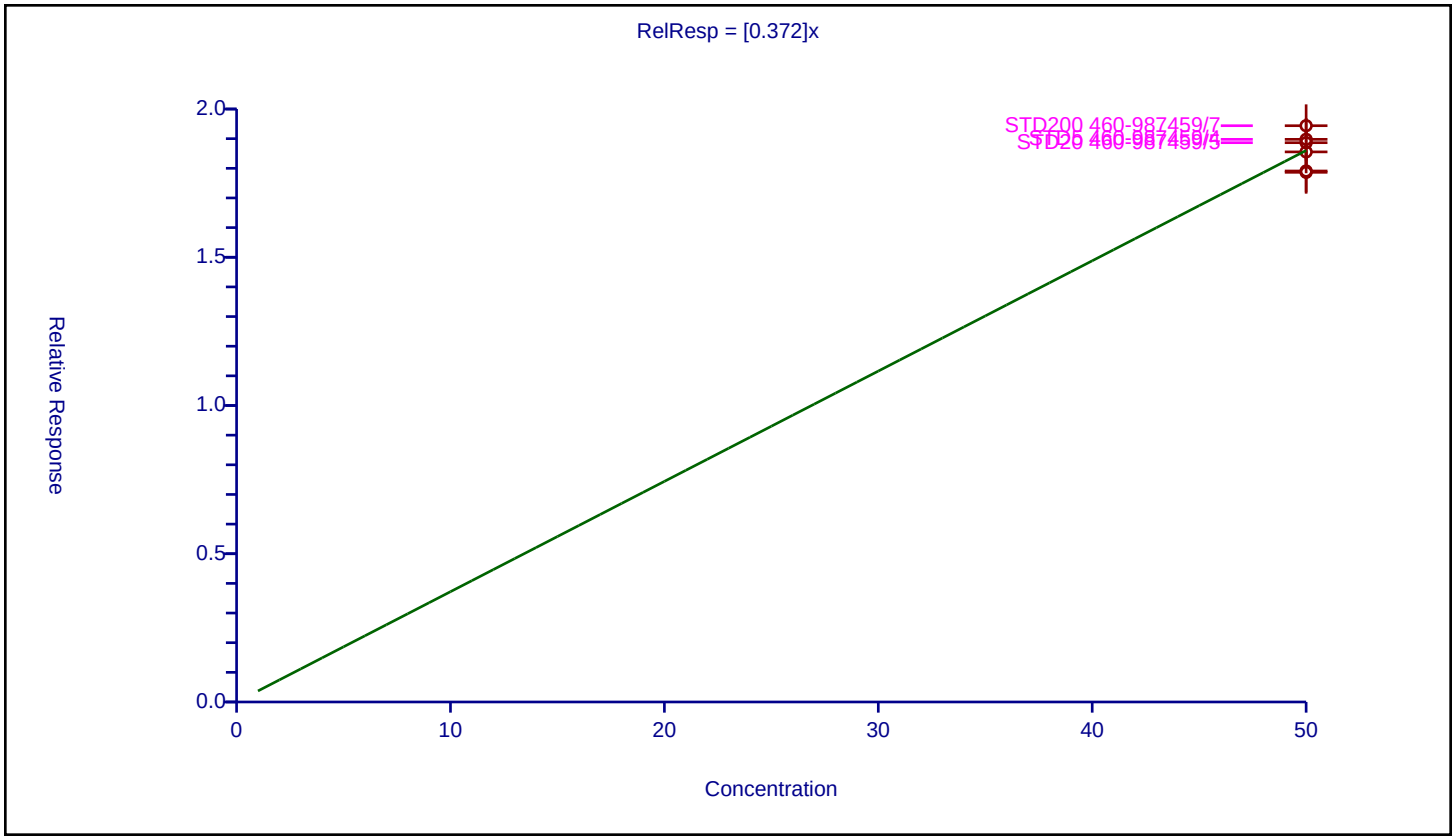
Curve Coefficients

Intercept:	0
Slope:	0.372

Error Coefficients

Relative Standard Deviation:	3.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	50.0	17.86467	50.0	450722.0	0.357293	Y
2	STD5 460-987459/4	50.0	18.977787	50.0	451765.0	0.379556	Y
3	STD20 460-987459/5	50.0	18.863596	50.0	484115.0	0.377272	Y
4	STD50 460-987459/6	50.0	18.553453	50.0	512441.0	0.371069	Y
5	STD200 460-987459/7	50.0	19.437134	50.0	506870.0	0.388743	Y
6	STD500 460-987459/8	50.0	17.910042	50.0	576361.0	0.358201	Y



Calibration / Bromobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

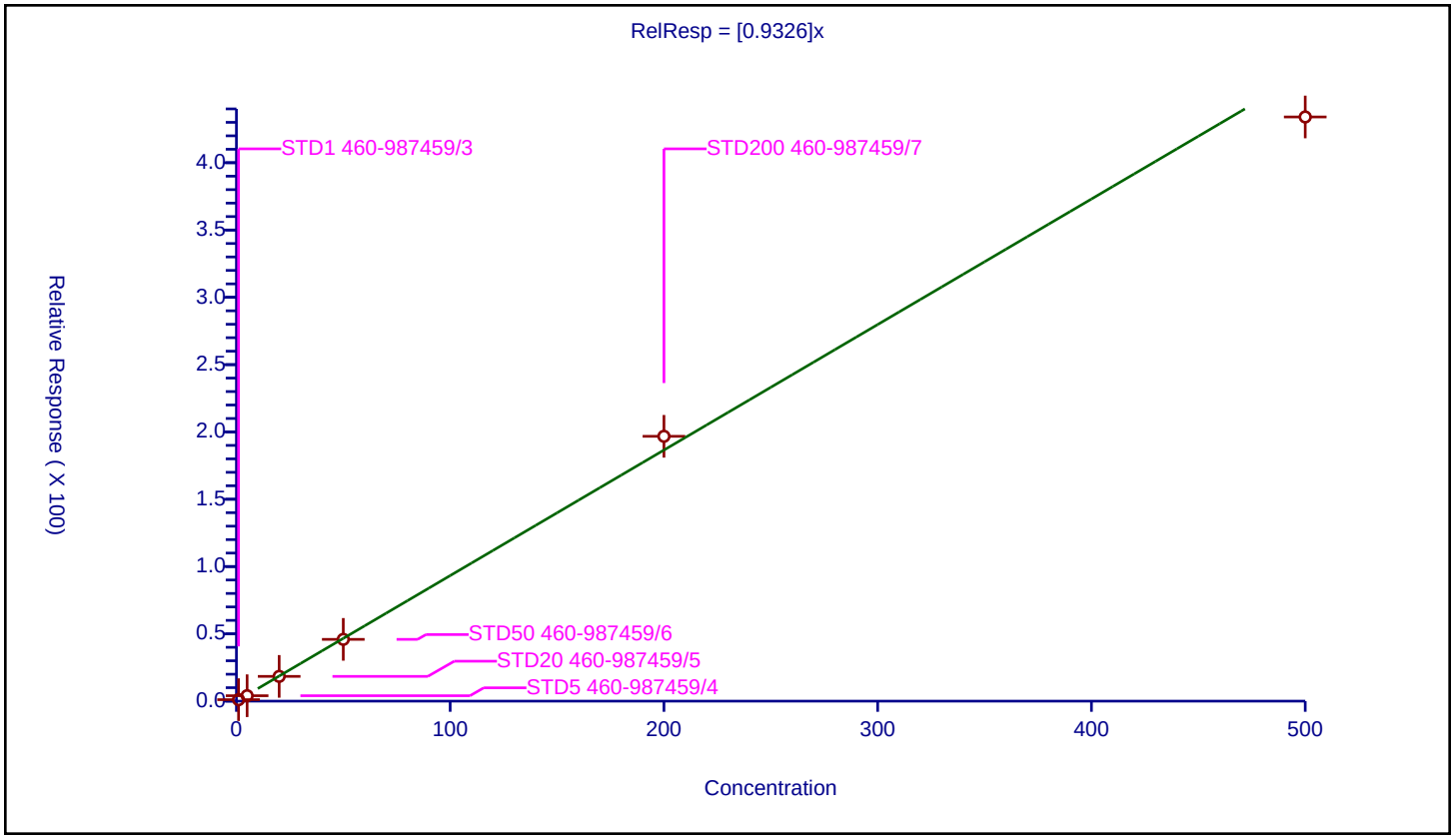
Curve Coefficients

Intercept:	0
Slope:	0.9326

Error Coefficients

Relative Standard Deviation:	10.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	1.099985	50.0	224594.0	1.099985	Y
2	STD5 460-987459/4	5.0	4.030829	50.0	242630.0	0.806166	Y
3	STD20 460-987459/5	20.0	18.397032	50.0	249456.0	0.919852	Y
4	STD50 460-987459/6	50.0	45.895265	50.0	251149.0	0.917905	Y
5	STD200 460-987459/7	200.0	196.764145	50.0	240771.0	0.983821	Y
6	STD500 460-987459/8	500.0	434.003003	50.0	290392.0	0.868006	Y



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Calibration / 1,1,2,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

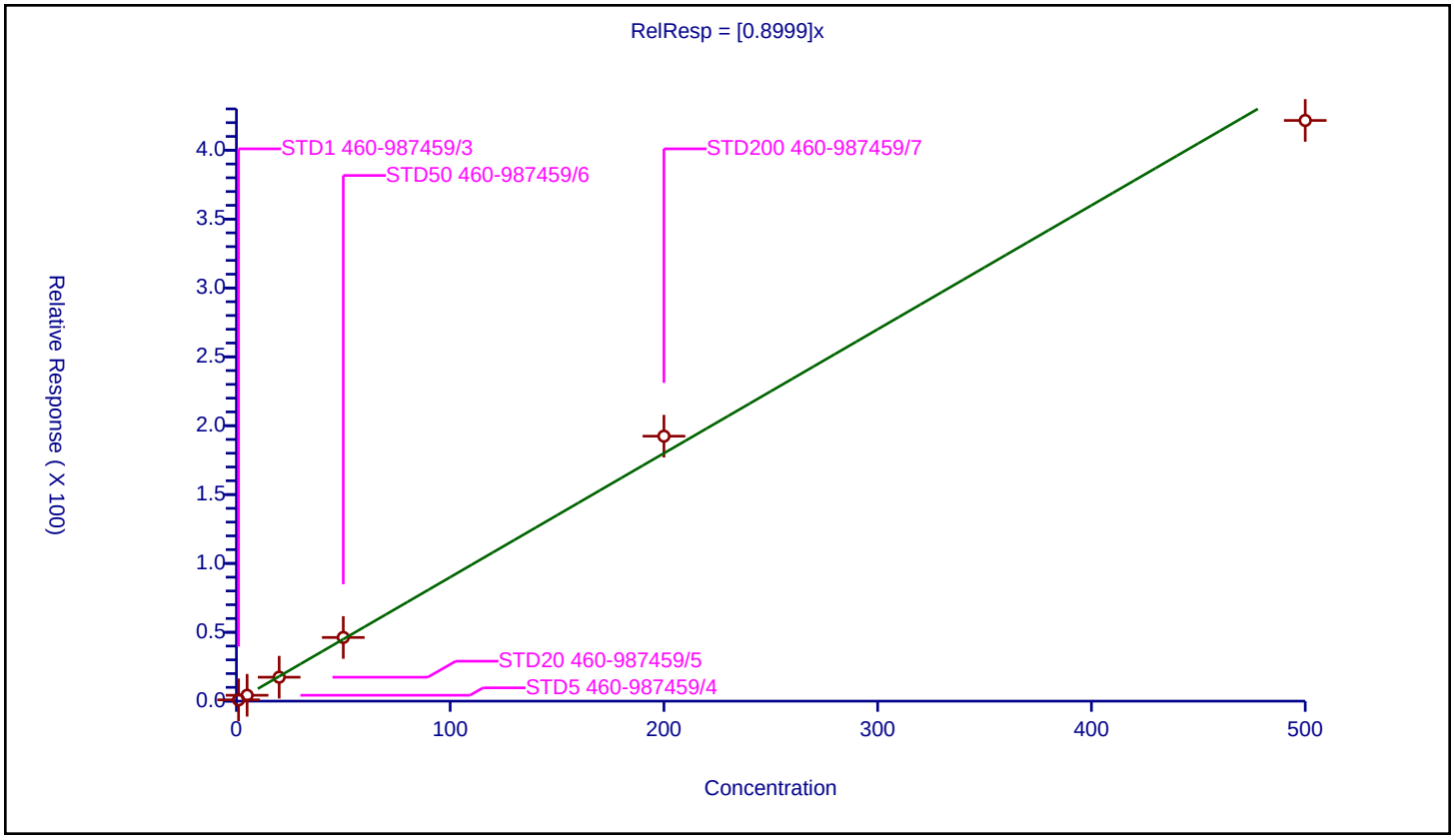
Curve Coefficients

Intercept:	0
Slope:	0.8999

Error Coefficients

Relative Standard Deviation:	5.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	0.947265	50.0	224594.0	0.947265	Y
2	STD5 460-987459/4	5.0	4.268639	50.0	242630.0	0.853728	Y
3	STD20 460-987459/5	20.0	17.375409	50.0	249456.0	0.86877	Y
4	STD50 460-987459/6	50.0	46.229728	50.0	251149.0	0.924595	Y
5	STD200 460-987459/7	200.0	192.382181	50.0	240771.0	0.961911	Y
6	STD500 460-987459/8	500.0	421.598391	50.0	290392.0	0.843197	Y



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Calibration / 1,2,3-Trichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

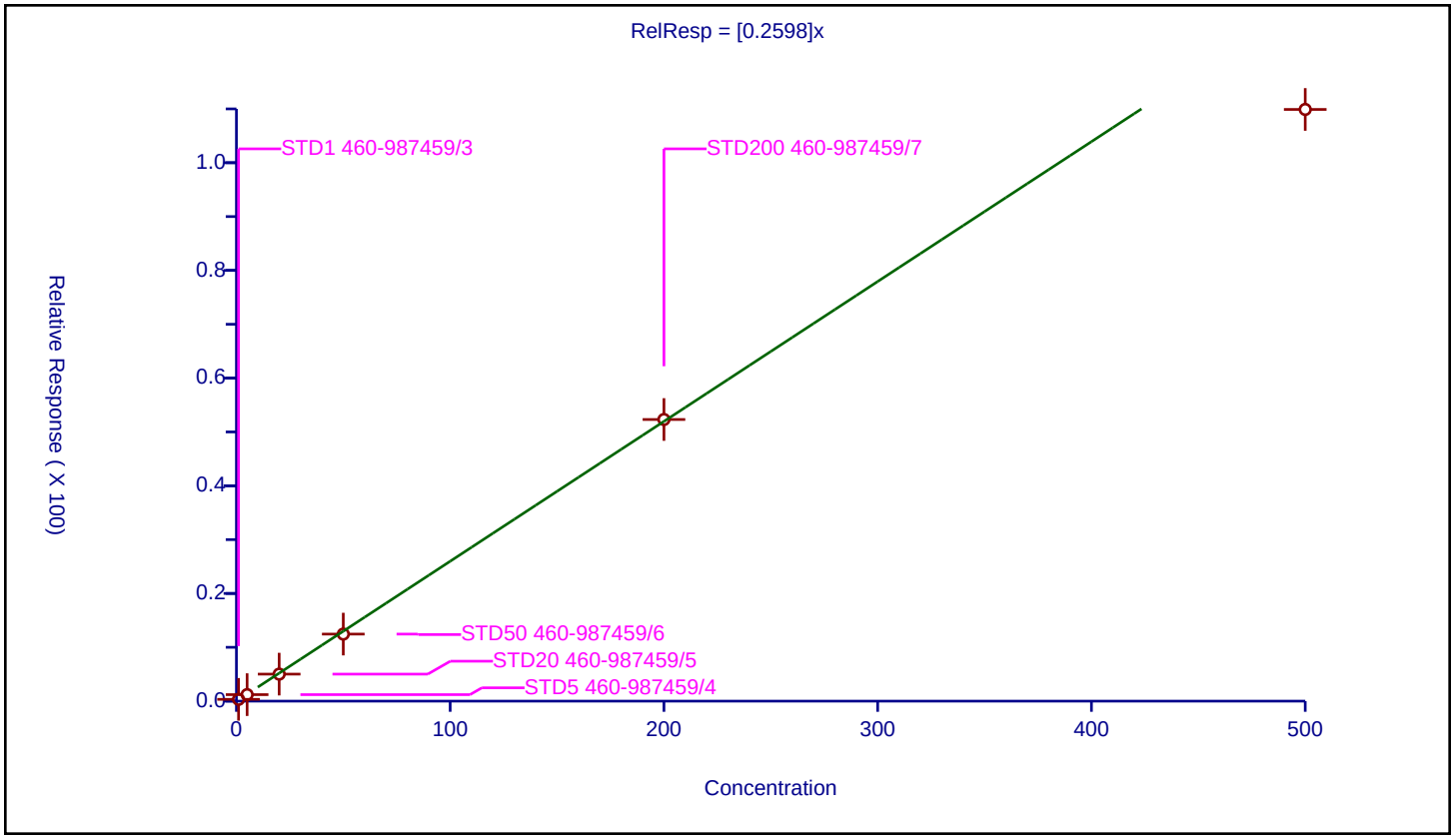
Curve Coefficients

Intercept:	0
Slope:	0.2598

Error Coefficients

Relative Standard Deviation:	15.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	0.335717	50.0	224594.0	0.335717	Y
2	STD5 460-987459/4	5.0	1.20863	50.0	242630.0	0.241726	Y
3	STD20 460-987459/5	20.0	5.017318	50.0	249456.0	0.250866	Y
4	STD50 460-987459/6	50.0	12.455355	50.0	251149.0	0.249107	Y
5	STD200 460-987459/7	200.0	52.31091	50.0	240771.0	0.261555	Y
6	STD500 460-987459/8	500.0	109.89404	50.0	290392.0	0.219788	Y



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Calibration / trans-1,4-Dichloro-2-butene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

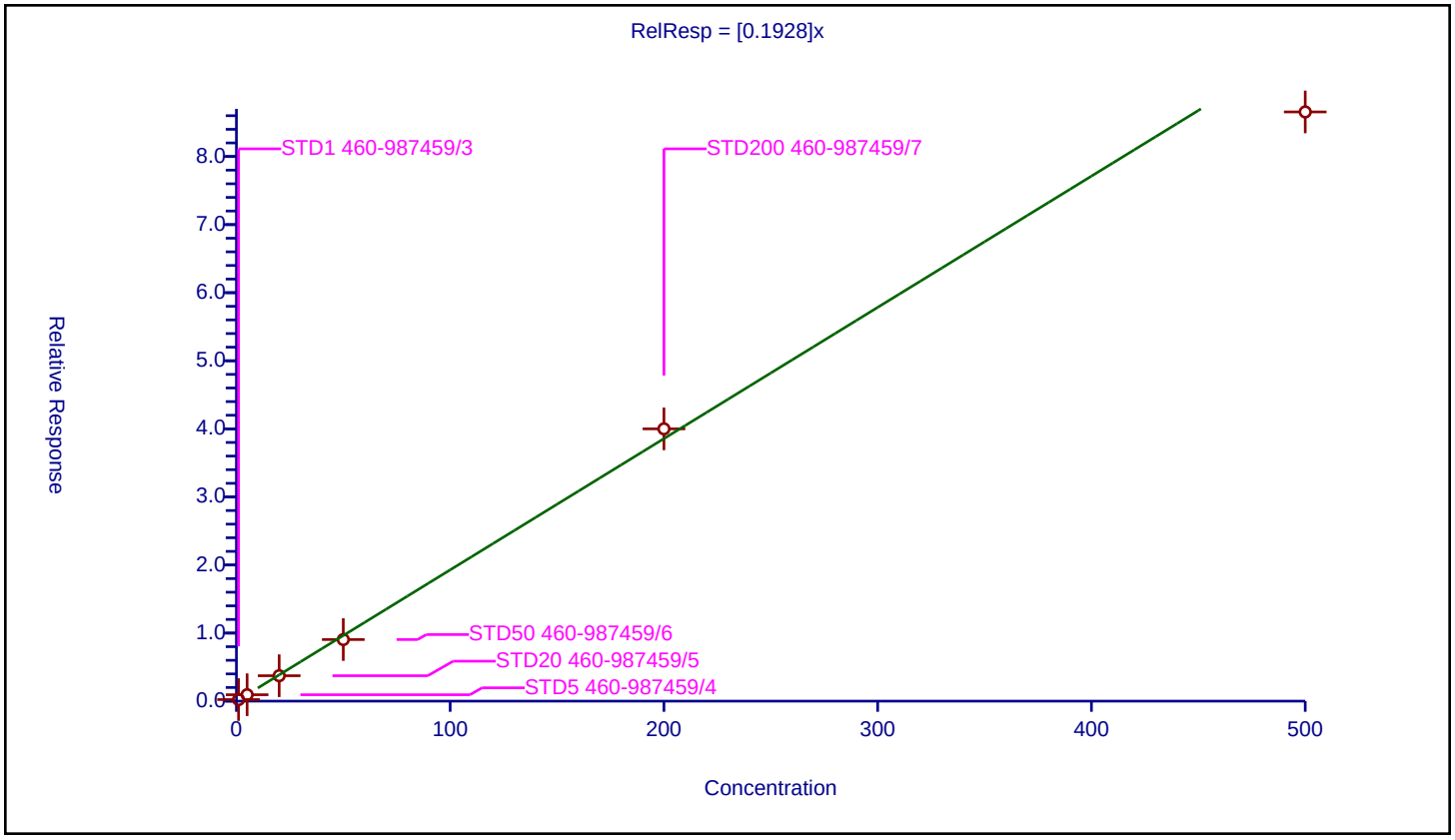
Curve Coefficients

Intercept:	0
Slope:	0.1928

Error Coefficients

Relative Standard Deviation:	10.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	0.22819	50.0	224594.0	0.22819	Y
2	STD5 460-987459/4	5.0	0.939909	50.0	242630.0	0.187982	Y
3	STD20 460-987459/5	20.0	3.733725	50.0	249456.0	0.186686	Y
4	STD50 460-987459/6	50.0	9.045626	50.0	251149.0	0.180913	Y
5	STD200 460-987459/7	200.0	39.999211	50.0	240771.0	0.199996	Y
6	STD500 460-987459/8	500.0	86.55266	50.0	290392.0	0.173105	Y



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Calibration / N-Propylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

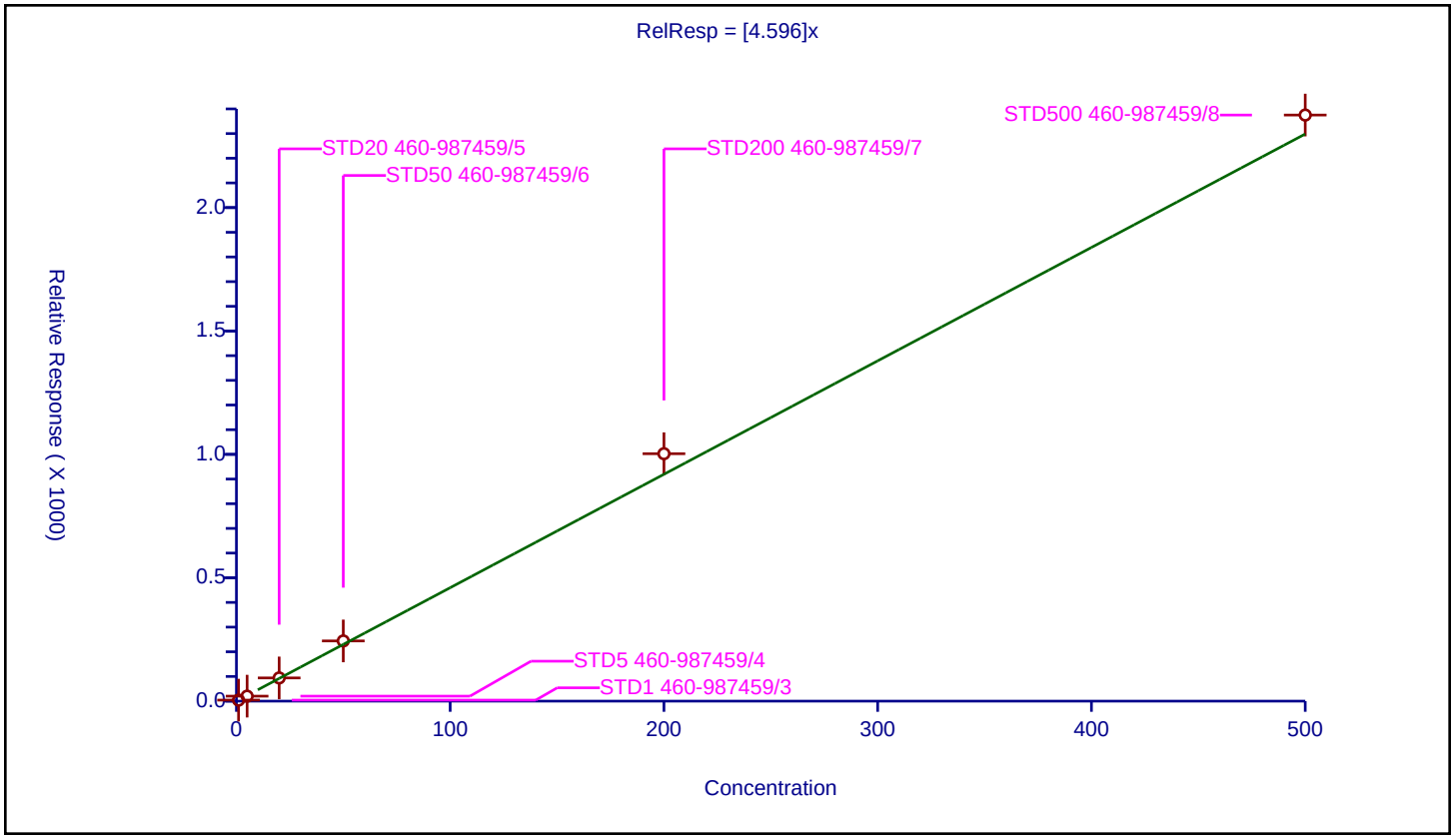
Curve Coefficients

Intercept:	0
Slope:	4.596

Error Coefficients

Relative Standard Deviation:	8.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	4.192231	50.0	224594.0	4.192231	Y
2	STD5 460-987459/4	5.0	20.197832	50.0	242630.0	4.039566	Y
3	STD20 460-987459/5	20.0	94.077112	50.0	249456.0	4.703856	Y
4	STD50 460-987459/6	50.0	243.99042	50.0	251149.0	4.879808	Y
5	STD200 460-987459/7	200.0	1002.691769	50.0	240771.0	5.013459	Y
6	STD500 460-987459/8	500.0	2375.020834	50.0	290392.0	4.750042	Y



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Calibration / 2-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

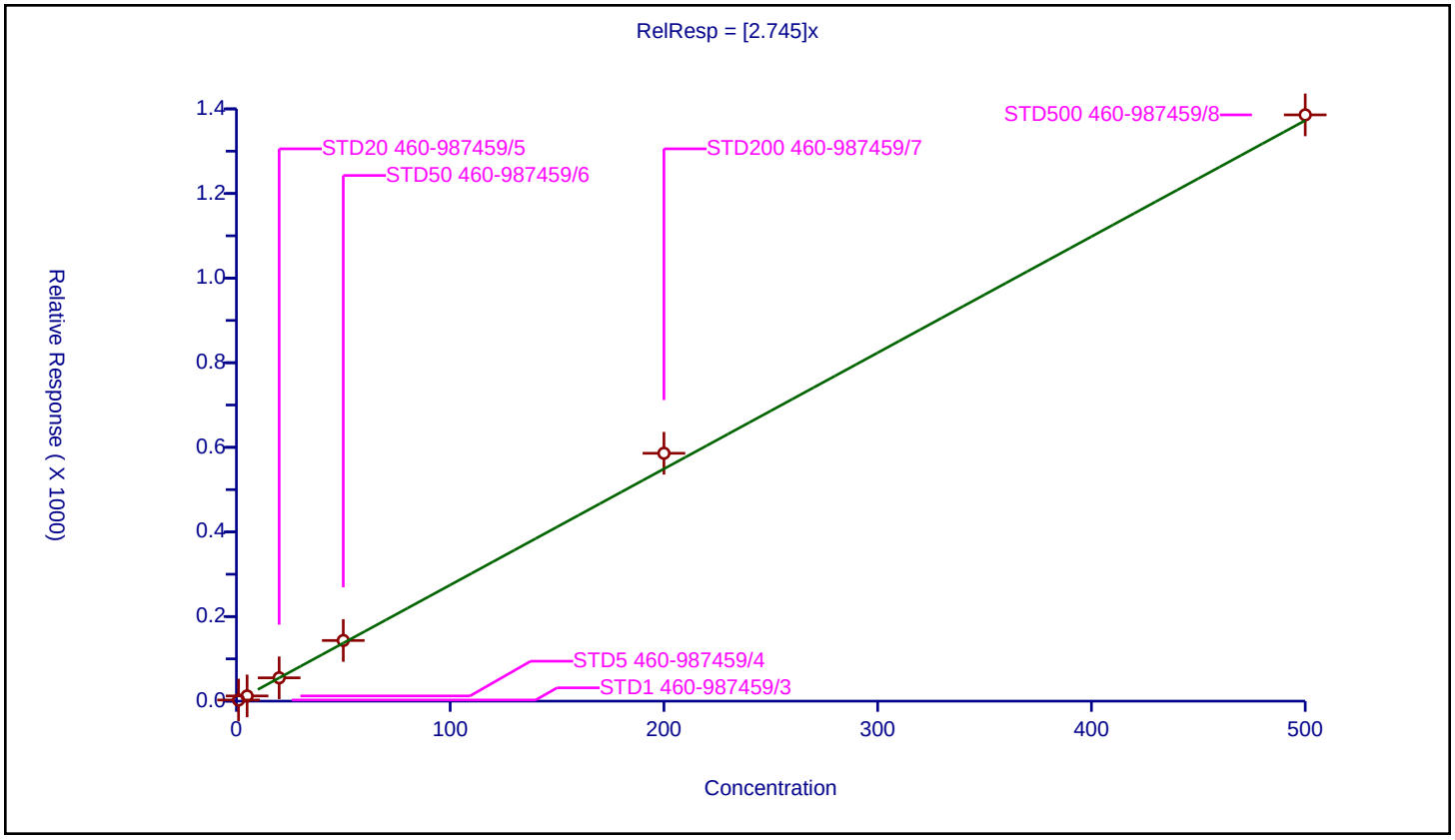
Curve Coefficients

Intercept:	0
Slope:	2.745

Error Coefficients

Relative Standard Deviation:	6.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	2.683509	50.0	224594.0	2.683509	Y
2	STD5 460-987459/4	5.0	12.304744	50.0	242630.0	2.460949	Y
3	STD20 460-987459/5	20.0	55.149405	50.0	249456.0	2.75747	Y
4	STD50 460-987459/6	50.0	143.415263	50.0	251149.0	2.868305	Y
5	STD200 460-987459/7	200.0	585.916286	50.0	240771.0	2.929581	Y
6	STD500 460-987459/8	500.0	1385.818996	50.0	290392.0	2.771638	Y



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Calibration / 4-Ethyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

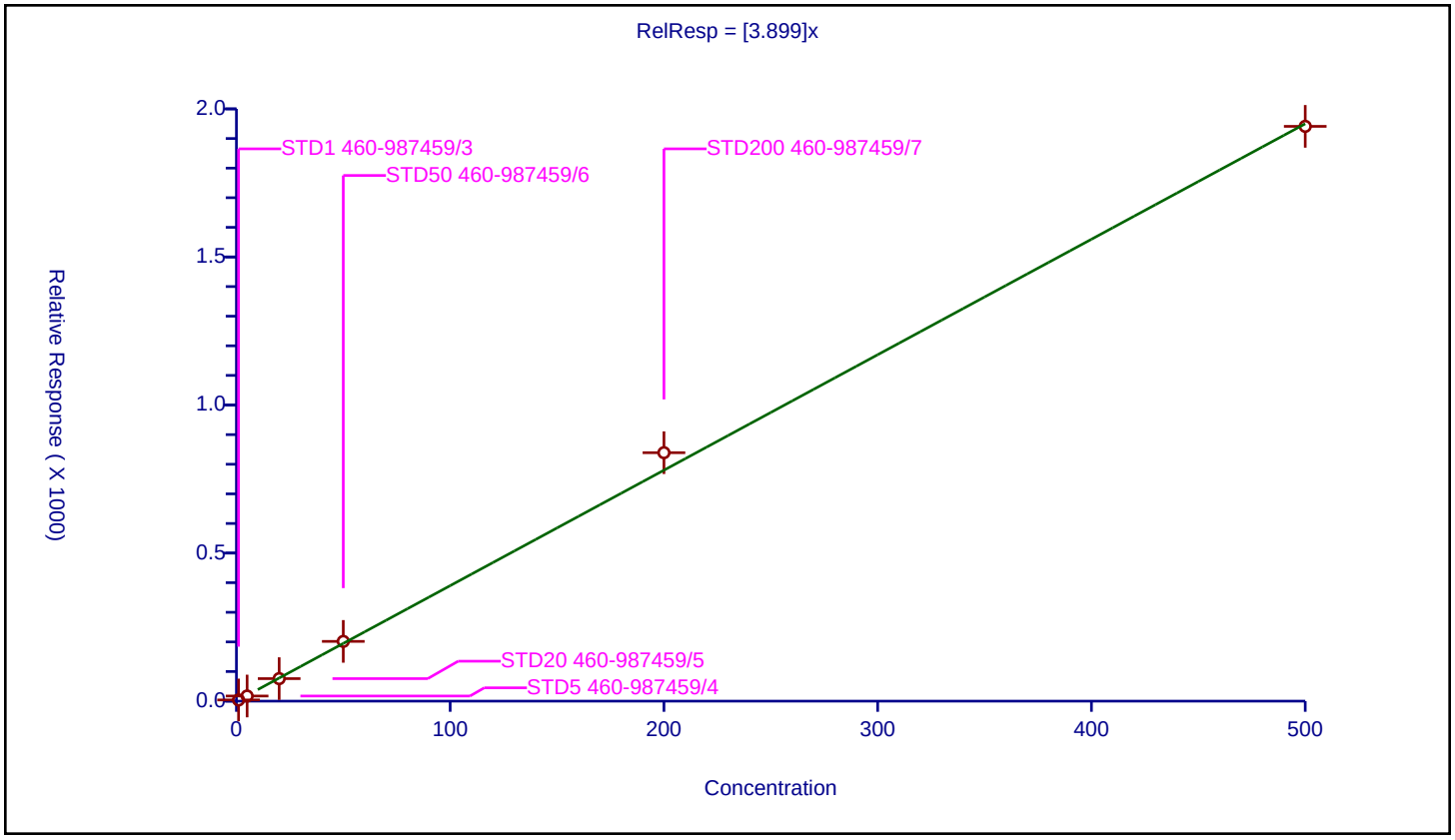
Curve Coefficients

Intercept:	0
Slope:	3.899

Error Coefficients

Relative Standard Deviation:	6.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	4.012574	50.0	224594.0	4.012574	Y
2	STD5 460-987459/4	5.0	17.342868	50.0	242630.0	3.468574	Y
3	STD20 460-987459/5	20.0	76.042068	50.0	249456.0	3.802103	Y
4	STD50 460-987459/6	50.0	201.818044	50.0	251149.0	4.036361	Y
5	STD200 460-987459/7	200.0	839.003451	50.0	240771.0	4.195017	Y
6	STD500 460-987459/8	500.0	1940.960839	50.0	290392.0	3.881922	Y



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Calibration / 4-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

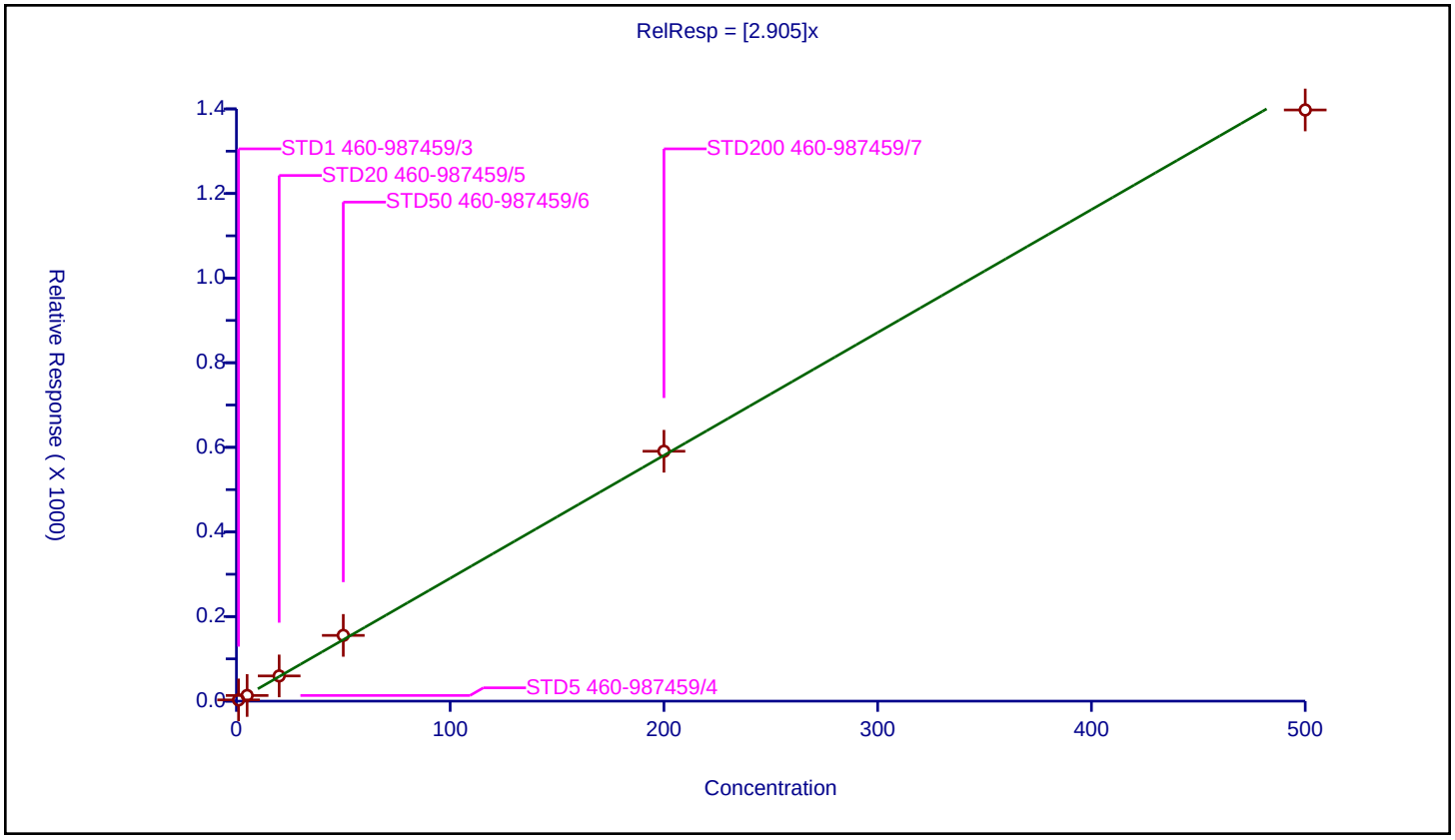
Curve Coefficients

Intercept:	0
Slope:	2.905

Error Coefficients

Relative Standard Deviation:	5.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	2.916596	50.0	224594.0	2.916596	Y
2	STD5 460-987459/4	5.0	13.382723	50.0	242630.0	2.676545	Y
3	STD20 460-987459/5	20.0	59.573833	50.0	249456.0	2.978692	Y
4	STD50 460-987459/6	50.0	155.435021	50.0	251149.0	3.1087	Y
5	STD200 460-987459/7	200.0	590.717736	50.0	240771.0	2.953589	Y
6	STD500 460-987459/8	500.0	1397.501481	50.0	290392.0	2.795003	Y



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Calibration / 1,3,5-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

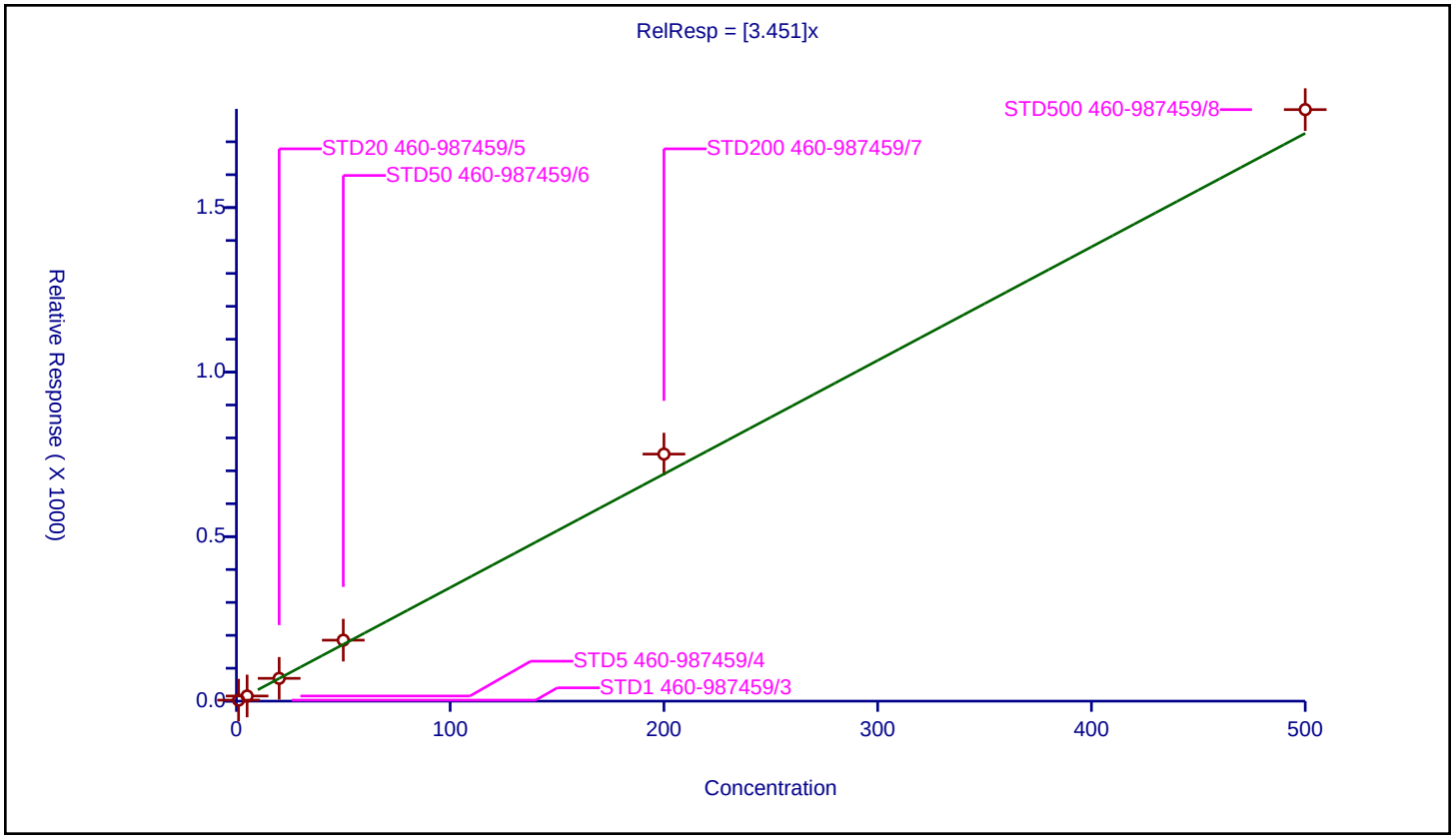
Curve Coefficients

Intercept:	0
Slope:	3.451

Error Coefficients

Relative Standard Deviation:	8.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	3.057517	50.0	224594.0	3.057517	Y
2	STD5 460-987459/4	5.0	15.664798	50.0	242630.0	3.13296	Y
3	STD20 460-987459/5	20.0	69.230846	50.0	249456.0	3.461542	Y
4	STD50 460-987459/6	50.0	185.355506	50.0	251149.0	3.70711	Y
5	STD200 460-987459/7	200.0	750.821528	50.0	240771.0	3.754108	Y
6	STD500 460-987459/8	500.0	1797.832585	50.0	290392.0	3.595665	Y



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Calibration / Butyl Methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

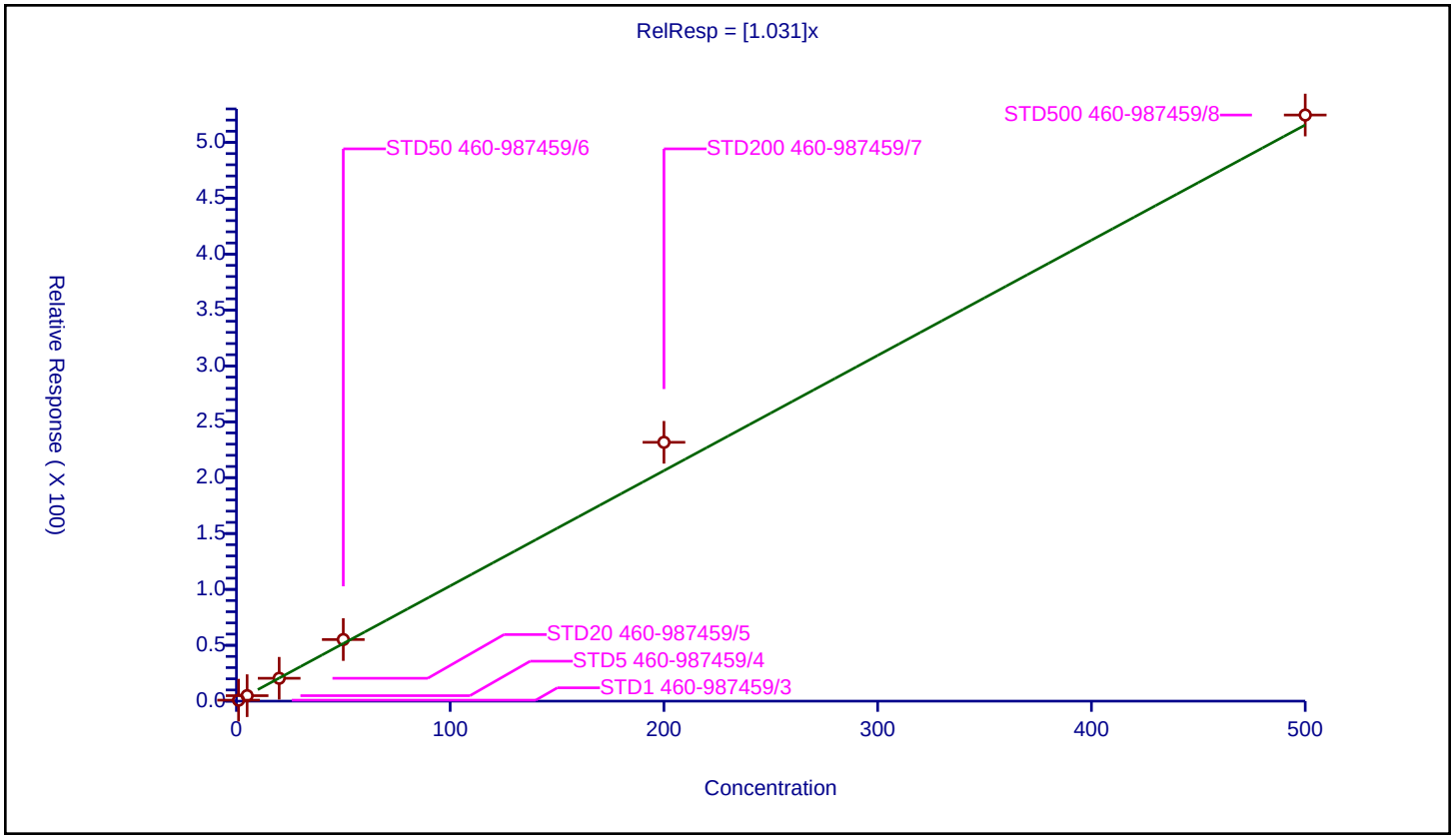
Curve Coefficients

Intercept:	0
Slope:	1.031

Error Coefficients

Relative Standard Deviation:	9.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	0.877138	50.0	224594.0	0.877138	Y
2	STD5 460-987459/4	5.0	4.891398	50.0	242630.0	0.97828	Y
3	STD20 460-987459/5	20.0	20.451302	50.0	249456.0	1.022565	Y
4	STD50 460-987459/6	50.0	55.120865	50.0	251149.0	1.102417	Y
5	STD200 460-987459/7	200.0	231.63587	50.0	240771.0	1.158179	Y
6	STD500 460-987459/8	500.0	524.518065	50.0	290392.0	1.049036	Y



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Calibration / tert-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

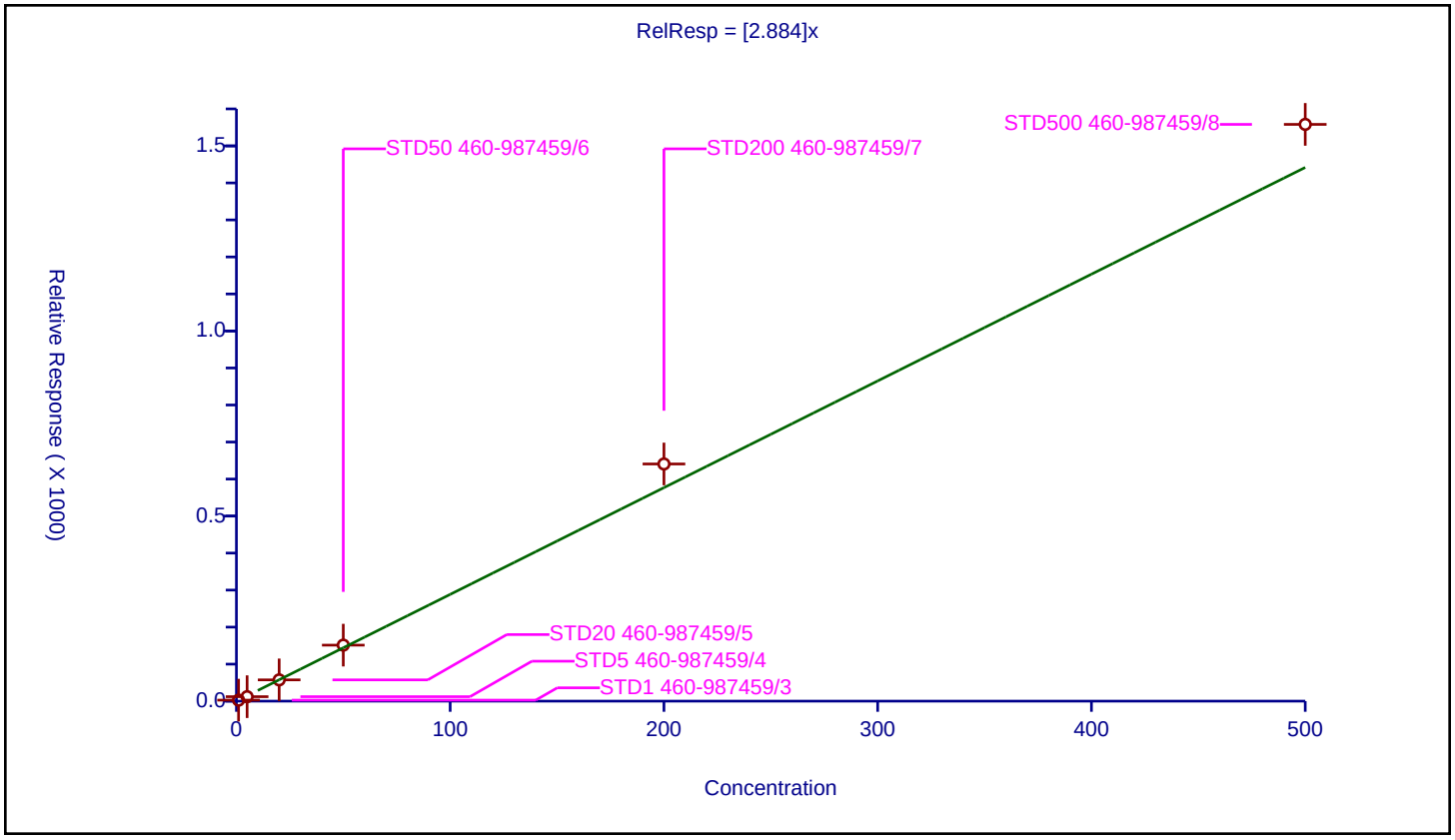
Curve Coefficients

Intercept:	0
Slope:	2.884

Error Coefficients

Relative Standard Deviation:	10.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	2.673268	50.0	224594.0	2.673268	Y
2	STD5 460-987459/4	5.0	12.04138	50.0	242630.0	2.408276	Y
3	STD20 460-987459/5	20.0	57.488495	50.0	249456.0	2.874425	Y
4	STD50 460-987459/6	50.0	151.29246	50.0	251149.0	3.025849	Y
5	STD200 460-987459/7	200.0	640.678902	50.0	240771.0	3.203395	Y
6	STD500 460-987459/8	500.0	1558.141237	50.0	290392.0	3.116282	Y



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Calibration / 1,2,4-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

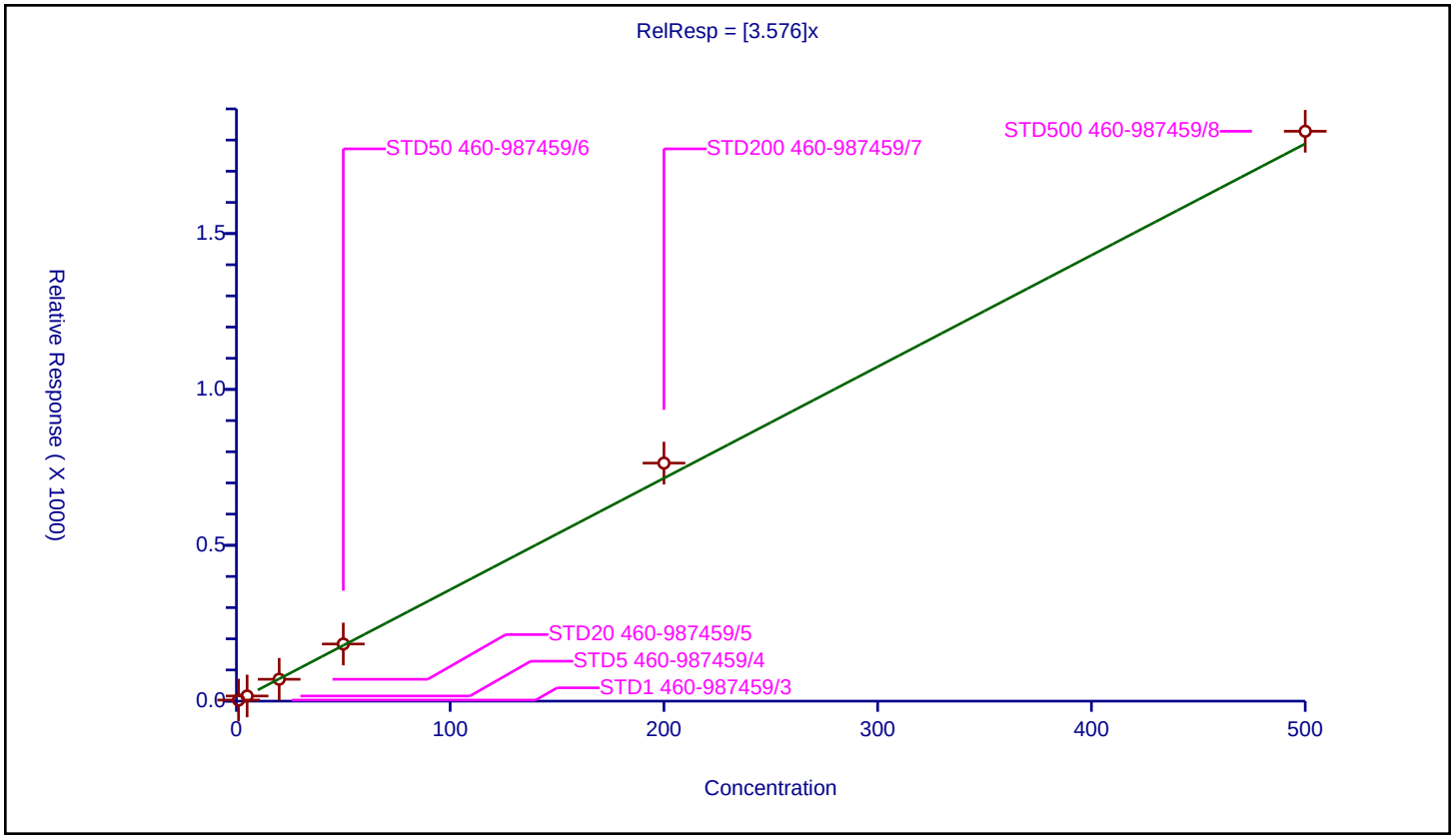
Curve Coefficients

Intercept:	0
Slope:	3.576

Error Coefficients

Relative Standard Deviation:	5.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	3.500094	50.0	224594.0	3.500094	Y
2	STD5 460-987459/4	5.0	16.523101	50.0	242630.0	3.30462	Y
3	STD20 460-987459/5	20.0	70.226613	50.0	249456.0	3.511331	Y
4	STD50 460-987459/6	50.0	183.340567	50.0	251149.0	3.666811	Y
5	STD200 460-987459/7	200.0	763.665682	50.0	240771.0	3.818328	Y
6	STD500 460-987459/8	500.0	1828.264208	50.0	290392.0	3.656528	Y



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Calibration / sec-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

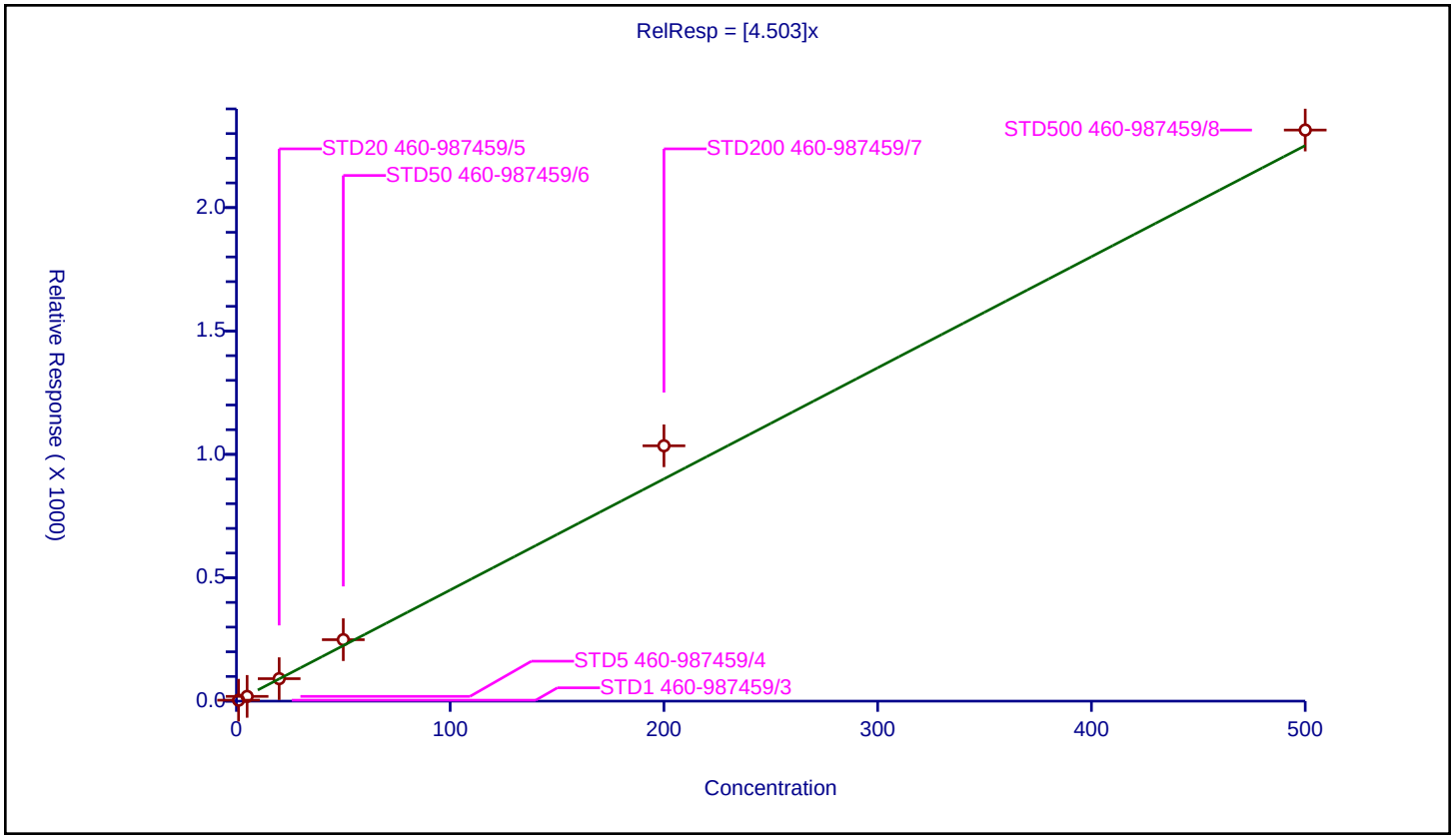
Curve Coefficients

Intercept:	0
Slope:	4.503

Error Coefficients

Relative Standard Deviation:	12.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	3.83492	50.0	224594.0	3.83492	Y
2	STD5 460-987459/4	5.0	19.23237	50.0	242630.0	3.846474	Y
3	STD20 460-987459/5	20.0	91.023868	50.0	249456.0	4.551193	Y
4	STD50 460-987459/6	50.0	249.084209	50.0	251149.0	4.981684	Y
5	STD200 460-987459/7	200.0	1034.828945	50.0	240771.0	5.174145	Y
6	STD500 460-987459/8	500.0	2314.341132	50.0	290392.0	4.628682	Y



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Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

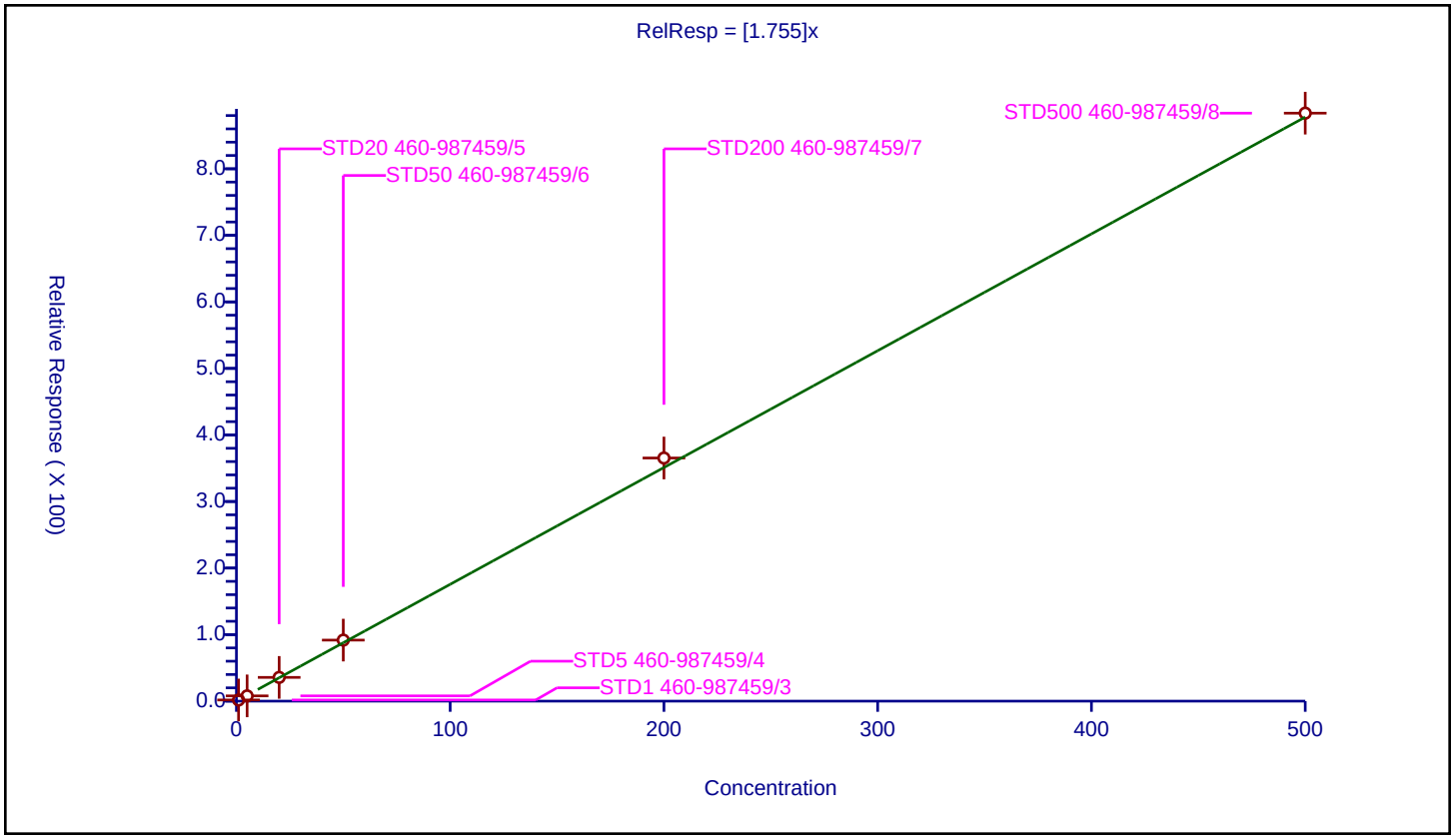
Curve Coefficients

Intercept:	0
Slope:	1.755

Error Coefficients

Relative Standard Deviation:	5.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	1.739138	50.0	224594.0	1.739138	Y
2	STD5 460-987459/4	5.0	7.903186	50.0	242630.0	1.580637	Y
3	STD20 460-987459/5	20.0	35.687255	50.0	249456.0	1.784363	Y
4	STD50 460-987459/6	50.0	91.711494	50.0	251149.0	1.83423	Y
5	STD200 460-987459/7	200.0	365.351517	50.0	240771.0	1.826758	Y
6	STD500 460-987459/8	500.0	883.58908	50.0	290392.0	1.767178	Y



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Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

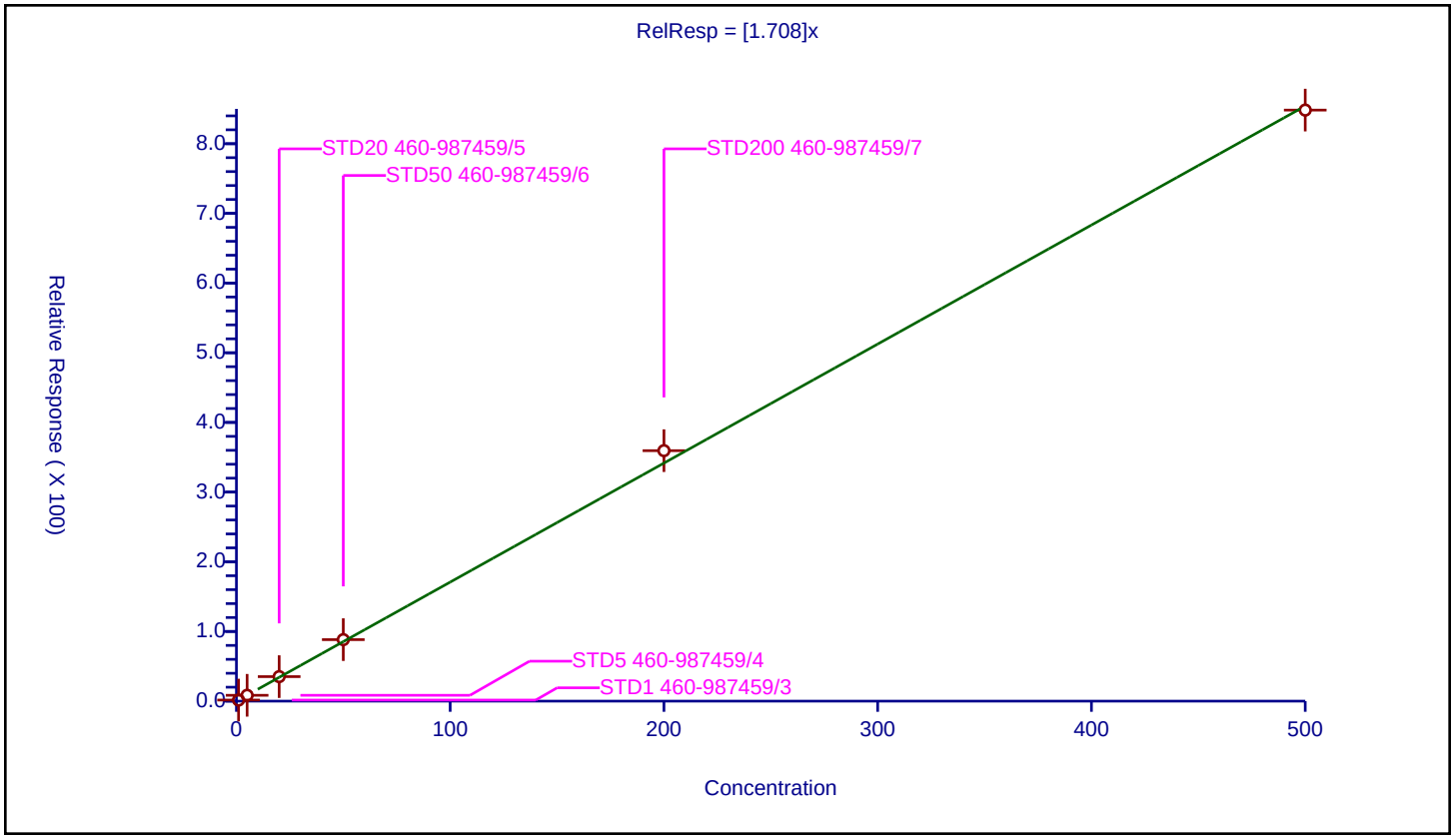
Curve Coefficients

Intercept:	0
Slope:	1.708

Error Coefficients

Relative Standard Deviation:	5.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	1.55436	50.0	224594.0	1.55436	Y
2	STD5 460-987459/4	5.0	8.383547	50.0	242630.0	1.676709	Y
3	STD20 460-987459/5	20.0	35.180152	50.0	249456.0	1.759008	Y
4	STD50 460-987459/6	50.0	88.268319	50.0	251149.0	1.765366	Y
5	STD200 460-987459/7	200.0	359.504259	50.0	240771.0	1.797521	Y
6	STD500 460-987459/8	500.0	848.295408	50.0	290392.0	1.696591	Y



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Calibration / 4-Isopropyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

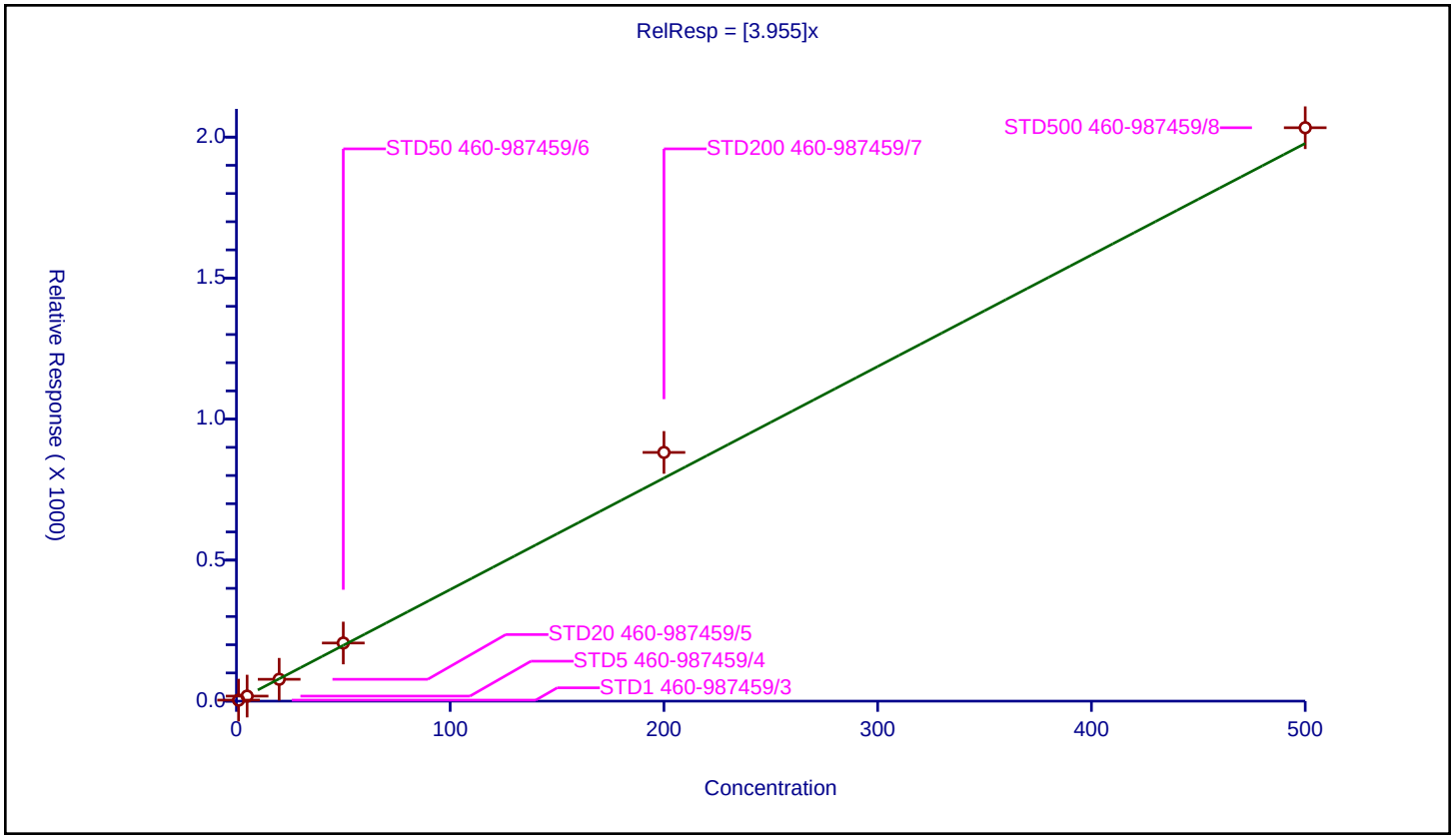
Curve Coefficients

Intercept:	0
Slope:	3.955

Error Coefficients

Relative Standard Deviation:	7.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	3.679083	50.0	224594.0	3.679083	Y
2	STD5 460-987459/4	5.0	17.888142	50.0	242630.0	3.577628	Y
3	STD20 460-987459/5	20.0	77.51848	50.0	249456.0	3.875924	Y
4	STD50 460-987459/6	50.0	206.118081	50.0	251149.0	4.122362	Y
5	STD200 460-987459/7	200.0	881.935947	50.0	240771.0	4.40968	Y
6	STD500 460-987459/8	500.0	2033.217857	50.0	290392.0	4.066436	Y



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Calibration / 1,2,3-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

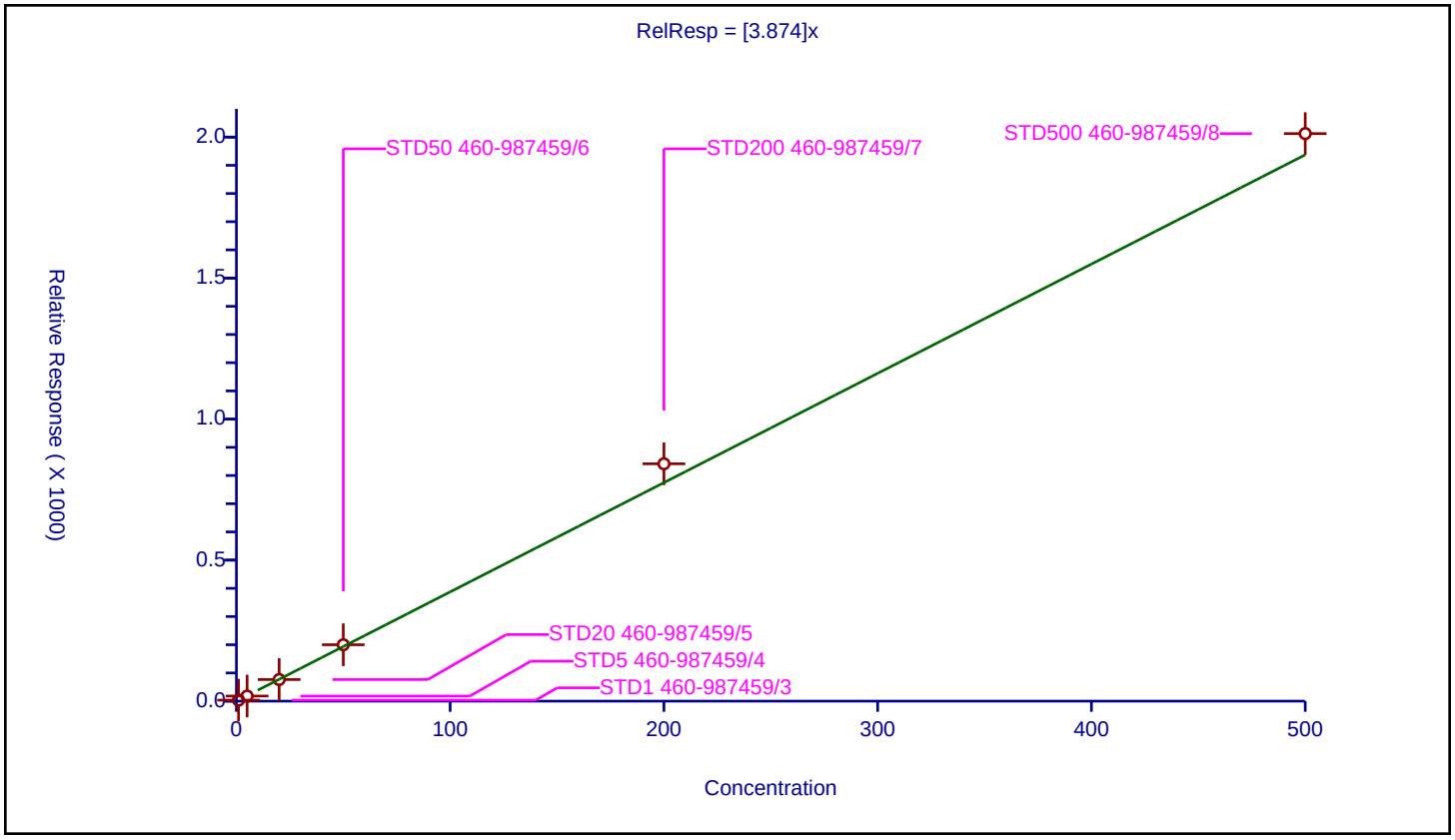
Curve Coefficients

Intercept:	0
Slope:	3.874

Error Coefficients

Relative Standard Deviation:	6.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	3.575563	50.0	224594.0	3.575563	Y
2	STD5 460-987459/4	5.0	18.055475	50.0	242630.0	3.611095	Y
3	STD20 460-987459/5	20.0	76.532936	50.0	249456.0	3.826647	Y
4	STD50 460-987459/6	50.0	199.974318	50.0	251149.0	3.999486	Y
5	STD200 460-987459/7	200.0	841.574567	50.0	240771.0	4.207873	Y
6	STD500 460-987459/8	500.0	2012.389804	50.0	290392.0	4.02478	Y



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Calibration / Benzyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

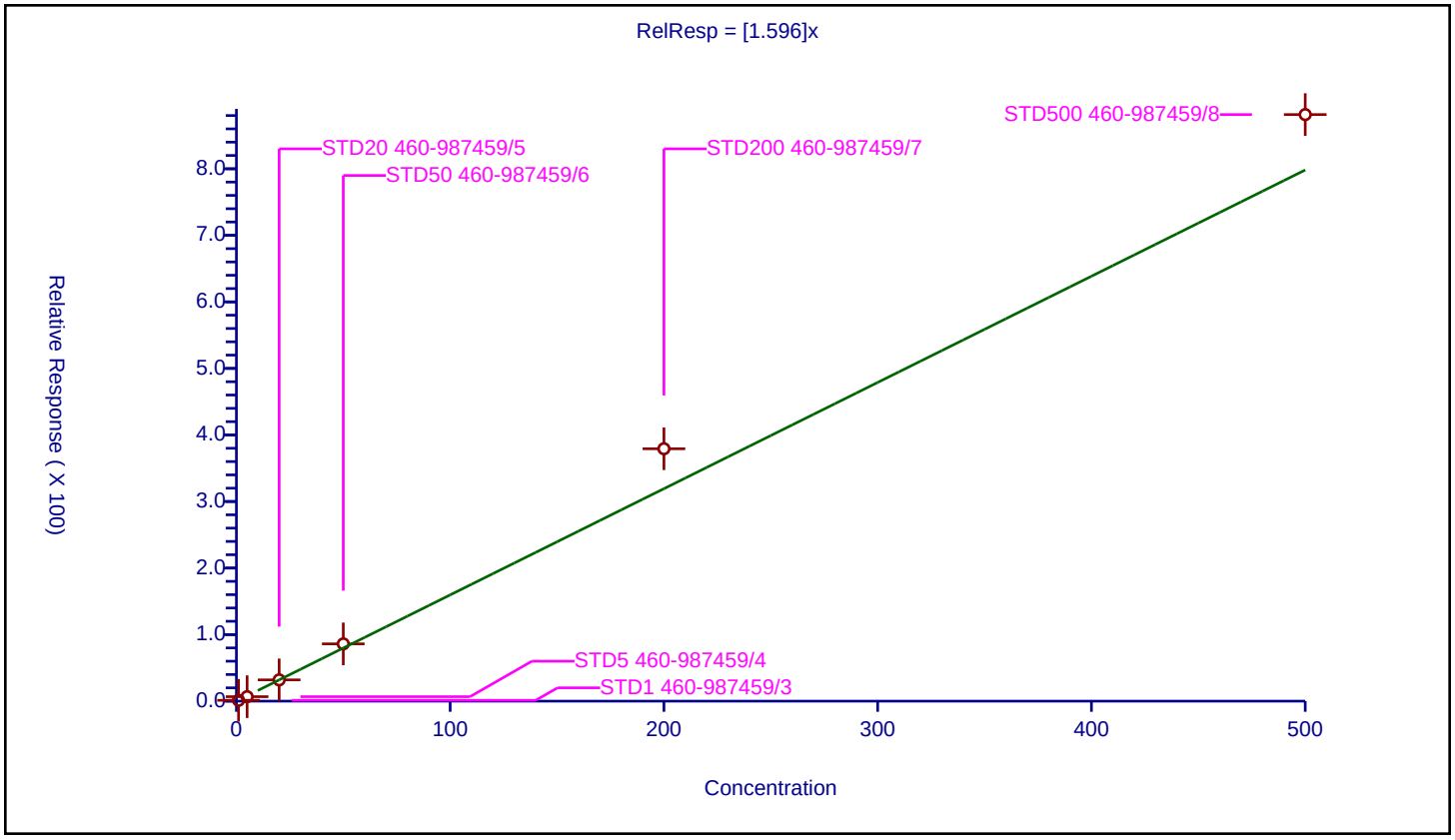
Curve Coefficients

Intercept:	0
Slope:	1.596

Error Coefficients

Relative Standard Deviation:	15.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	1.257603	50.0	224594.0	1.257603	Y
2	STD5 460-987459/4	5.0	6.713102	50.0	242630.0	1.34262	Y
3	STD20 460-987459/5	20.0	31.951927	50.0	249456.0	1.597596	Y
4	STD50 460-987459/6	50.0	86.052503	50.0	251149.0	1.72105	Y
5	STD200 460-987459/7	200.0	379.277405	50.0	240771.0	1.896387	Y
6	STD500 460-987459/8	500.0	881.430618	50.0	290392.0	1.762861	Y



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Calibration / 2,3-Dihydroindene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

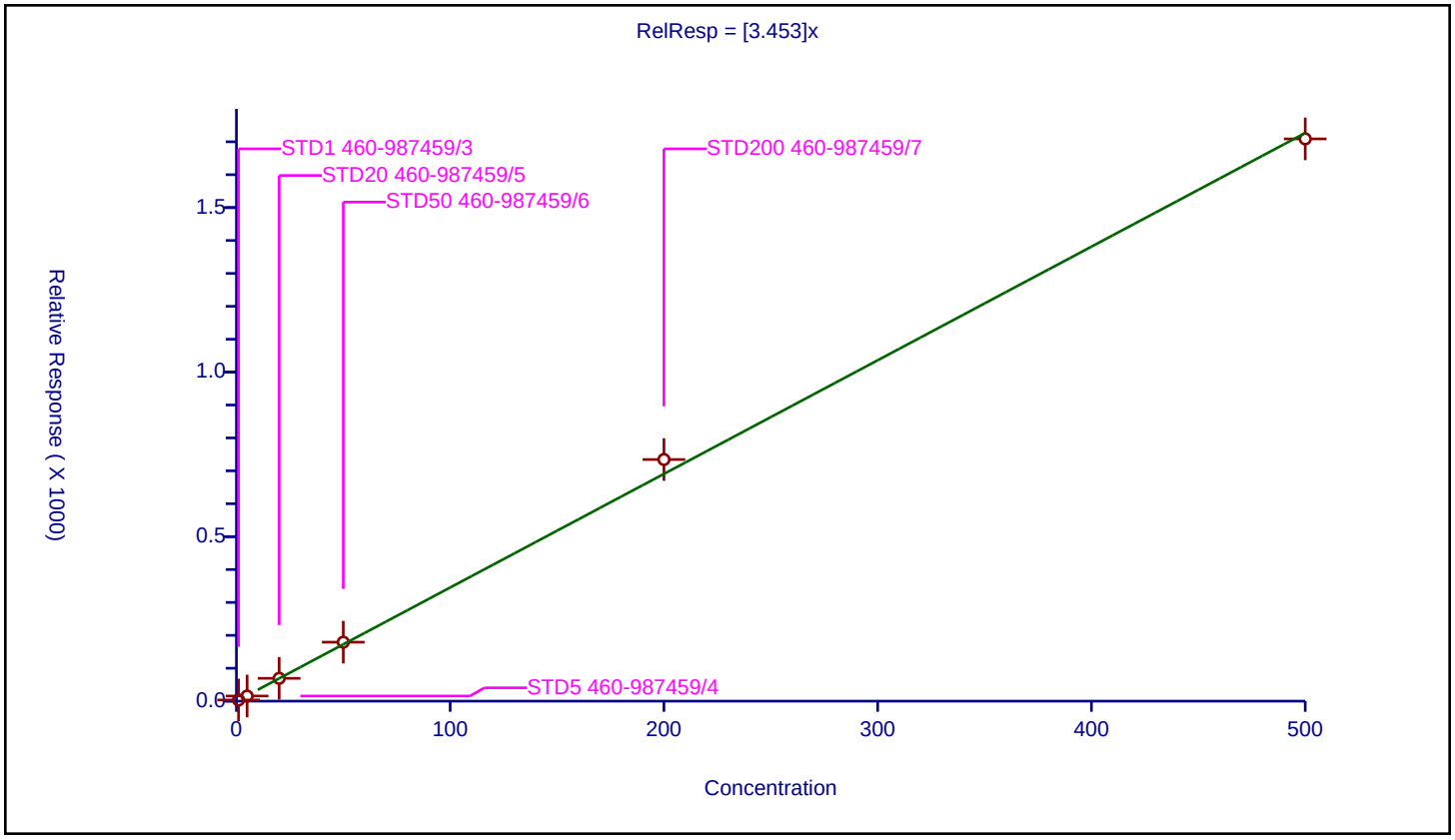
Curve Coefficients

Intercept:	0
Slope:	3.453

Error Coefficients

Relative Standard Deviation:	5.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	3.470039	50.0	224594.0	3.470039	Y
2	STD5 460-987459/4	5.0	15.545069	50.0	242630.0	3.109014	Y
3	STD20 460-987459/5	20.0	69.363335	50.0	249456.0	3.468167	Y
4	STD50 460-987459/6	50.0	179.187255	50.0	251149.0	3.583745	Y
5	STD200 460-987459/7	200.0	734.317256	50.0	240771.0	3.671586	Y
6	STD500 460-987459/8	500.0	1708.734573	50.0	290392.0	3.417469	Y



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Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

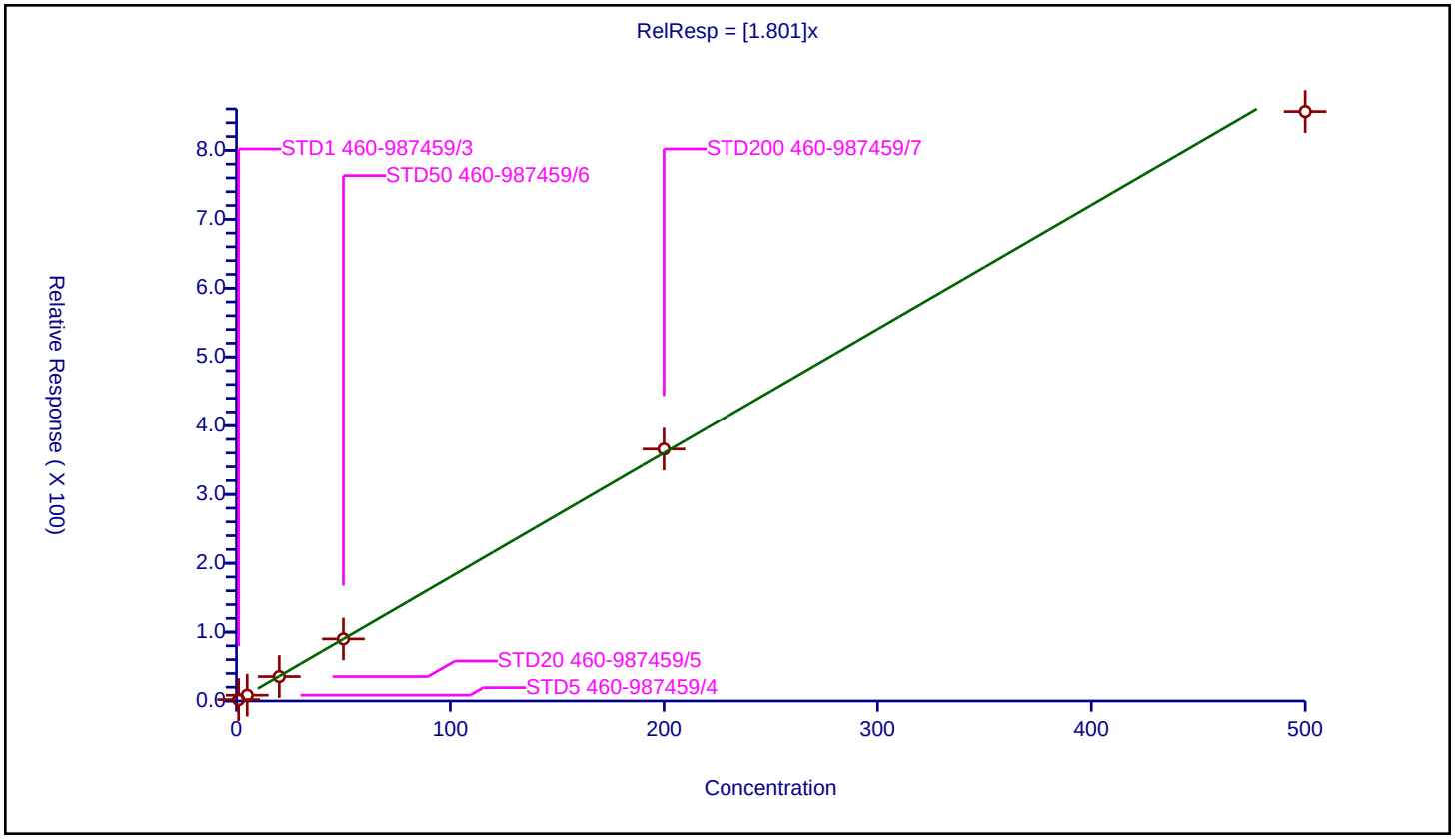
Curve Coefficients

Intercept:	0
Slope:	1.801

Error Coefficients

Relative Standard Deviation:	6.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	2.015192	50.0	224594.0	2.015192	Y
2	STD5 460-987459/4	5.0	8.388699	50.0	242630.0	1.67774	Y
3	STD20 460-987459/5	20.0	35.45054	50.0	249456.0	1.772527	Y
4	STD50 460-987459/6	50.0	90.081386	50.0	251149.0	1.801628	Y
5	STD200 460-987459/7	200.0	365.848462	50.0	240771.0	1.829242	Y
6	STD500 460-987459/8	500.0	856.199895	50.0	290392.0	1.7124	Y



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Calibration / p-Diethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

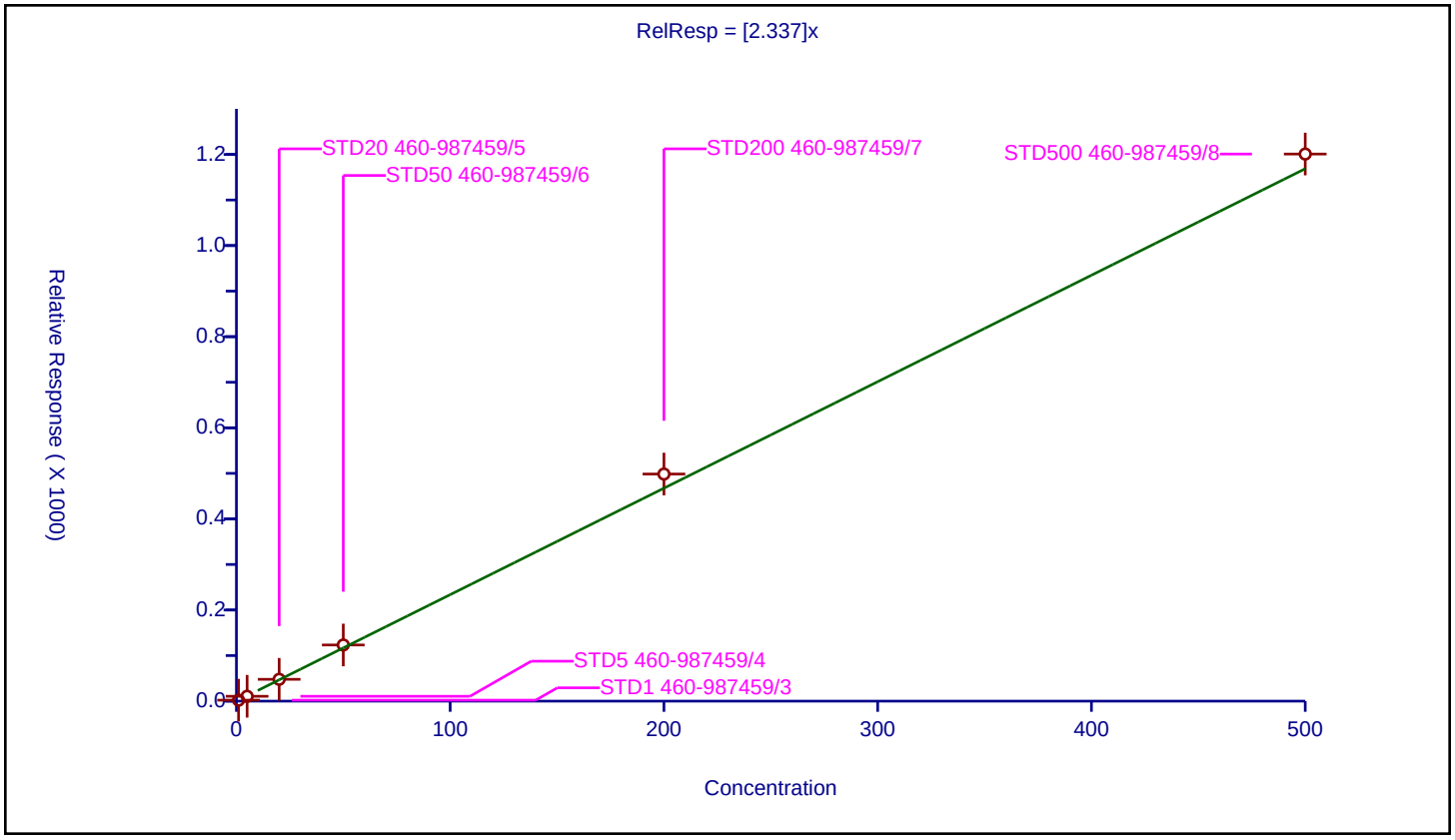
Curve Coefficients

Intercept:	0
Slope:	2.337

Error Coefficients

Relative Standard Deviation:	6.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	2.132292	50.0	224594.0	2.132292	Y
2	STD5 460-987459/4	5.0	10.680666	50.0	242630.0	2.136133	Y
3	STD20 460-987459/5	20.0	47.918671	50.0	249456.0	2.395934	Y
4	STD50 460-987459/6	50.0	123.244568	50.0	251149.0	2.464891	Y
5	STD200 460-987459/7	200.0	498.464516	50.0	240771.0	2.492323	Y
6	STD500 460-987459/8	500.0	1200.927023	50.0	290392.0	2.401854	Y



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Calibration / n-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

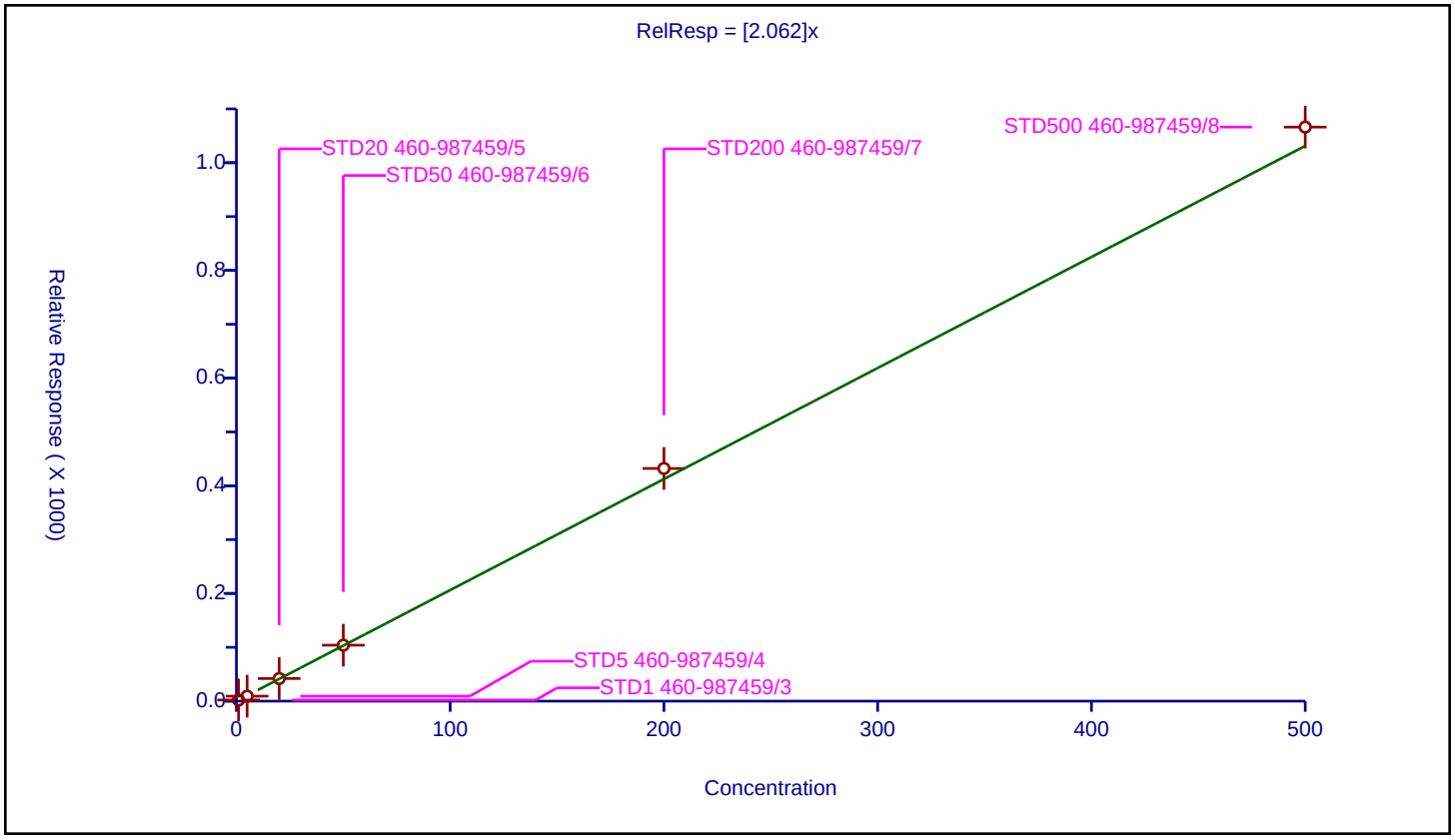
Curve Coefficients

Intercept:	0
Slope:	2.062

Error Coefficients

Relative Standard Deviation:	5.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	2.056155	50.0	224594.0	2.056155	Y
2	STD5 460-987459/4	5.0	9.239583	50.0	242630.0	1.847917	Y
3	STD20 460-987459/5	20.0	41.982754	50.0	249456.0	2.099138	Y
4	STD50 460-987459/6	50.0	103.914808	50.0	251149.0	2.078296	Y
5	STD200 460-987459/7	200.0	432.15109	50.0	240771.0	2.160755	Y
6	STD500 460-987459/8	500.0	1066.219799	50.0	290392.0	2.13244	Y



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Calibration / 1,2,4,5-Tetramethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

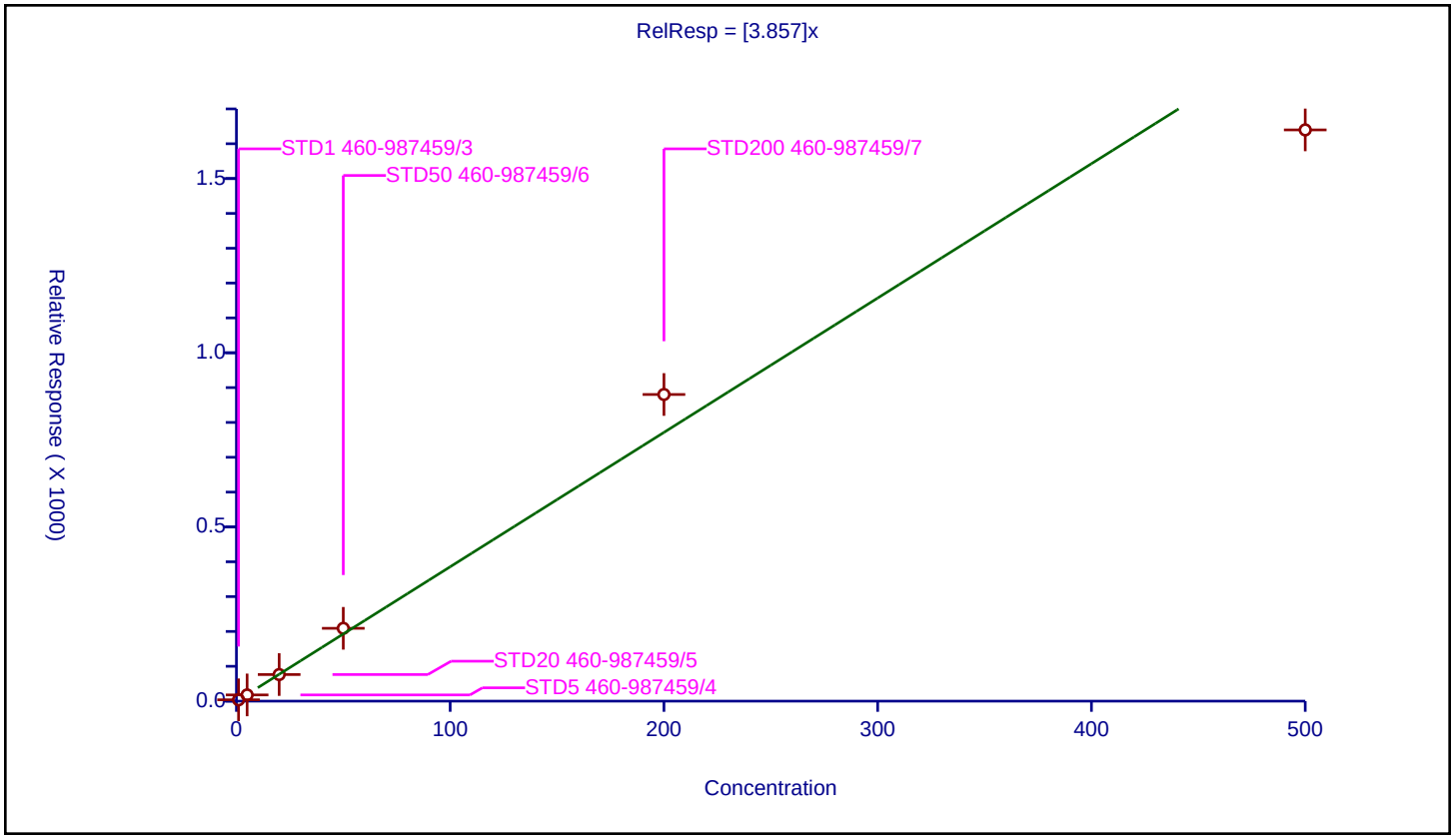
Curve Coefficients

Intercept:	0
Slope:	3.857

Error Coefficients

Relative Standard Deviation:	10.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	3.895919	50.0	224594.0	3.895919	Y
2	STD5 460-987459/4	5.0	17.838684	50.0	242630.0	3.567737	Y
3	STD20 460-987459/5	20.0	76.324282	50.0	249456.0	3.816214	Y
4	STD50 460-987459/6	50.0	209.034278	50.0	251149.0	4.180686	Y
5	STD200 460-987459/7	200.0	880.238069	50.0	240771.0	4.40119	Y
6	STD500 460-987459/8	500.0	1639.681706	50.0	290392.0	3.279363	Y



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Calibration / 1,2-Dibromo-3-Chloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

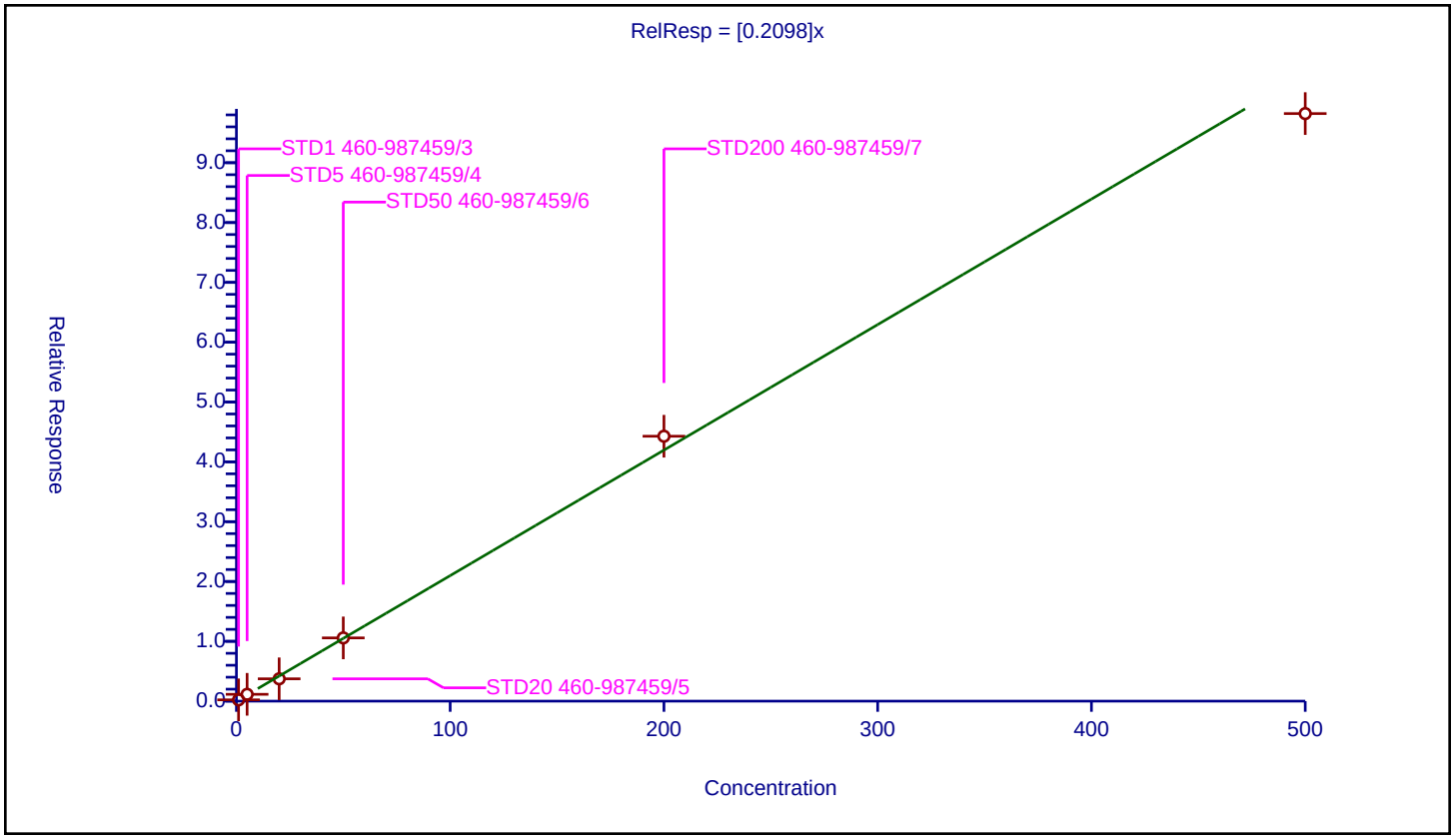
Curve Coefficients

Intercept:	0
Slope:	0.2098

Error Coefficients

Relative Standard Deviation:	7.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	0.214164	50.0	224594.0	0.214164	Y
2	STD5 460-987459/4	5.0	1.143099	50.0	242630.0	0.22862	Y
3	STD20 460-987459/5	20.0	3.735128	50.0	249456.0	0.186756	Y
4	STD50 460-987459/6	50.0	10.572011	50.0	251149.0	0.21144	Y
5	STD200 460-987459/7	200.0	44.284195	50.0	240771.0	0.221421	Y
6	STD500 460-987459/8	500.0	98.214827	50.0	290392.0	0.19643	Y



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Calibration / 1,3,5-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

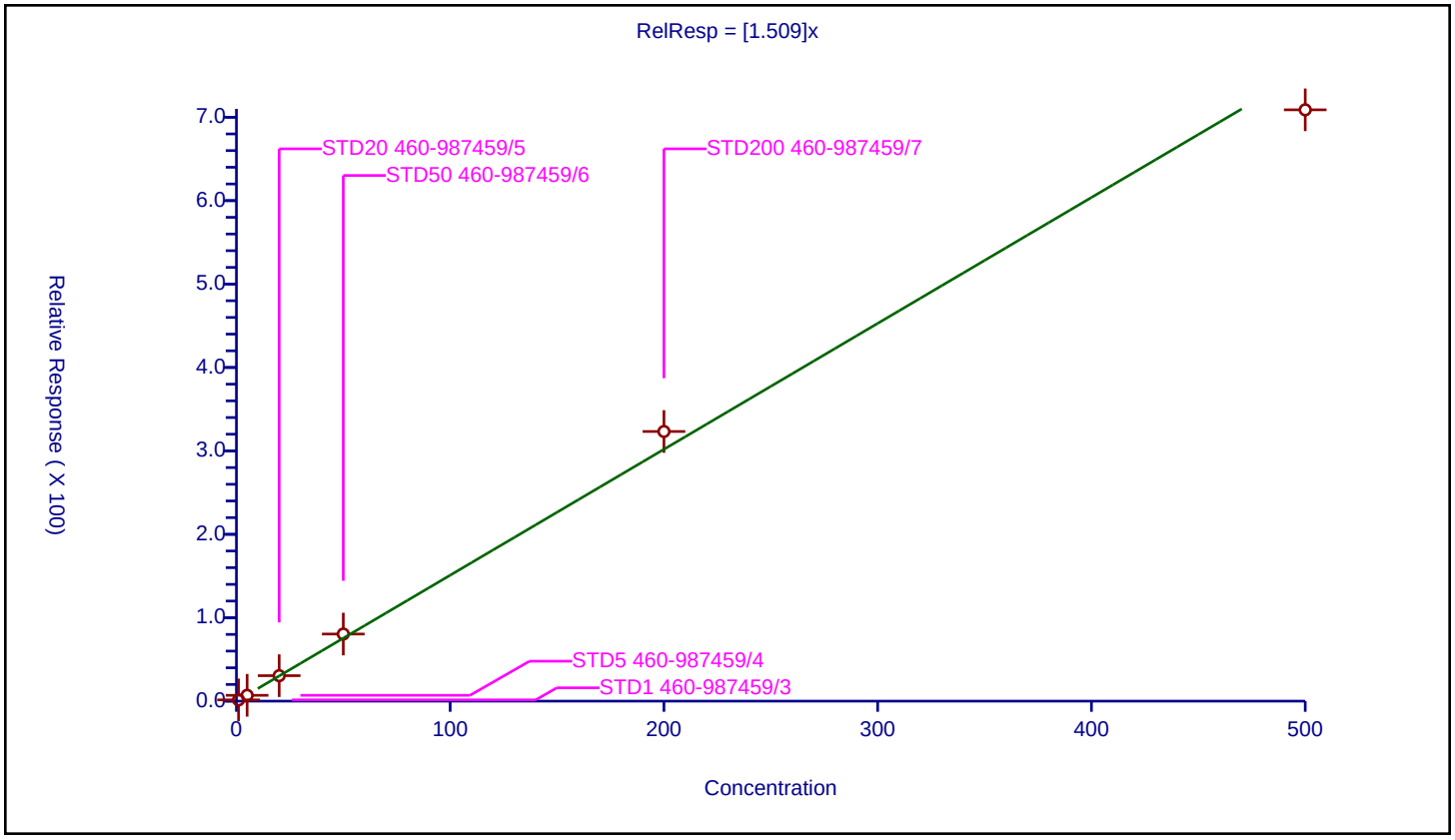
Curve Coefficients

Intercept:	0
Slope:	1.509

Error Coefficients

Relative Standard Deviation:	6.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	1.489799	50.0	224594.0	1.489799	Y
2	STD5 460-987459/4	5.0	6.989243	50.0	242630.0	1.397849	Y
3	STD20 460-987459/5	20.0	30.524421	50.0	249456.0	1.526221	Y
4	STD50 460-987459/6	50.0	80.450848	50.0	251149.0	1.609017	Y
5	STD200 460-987459/7	200.0	323.264014	50.0	240771.0	1.61632	Y
6	STD500 460-987459/8	500.0	708.896078	50.0	290392.0	1.417792	Y



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Calibration / 1,2,4-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

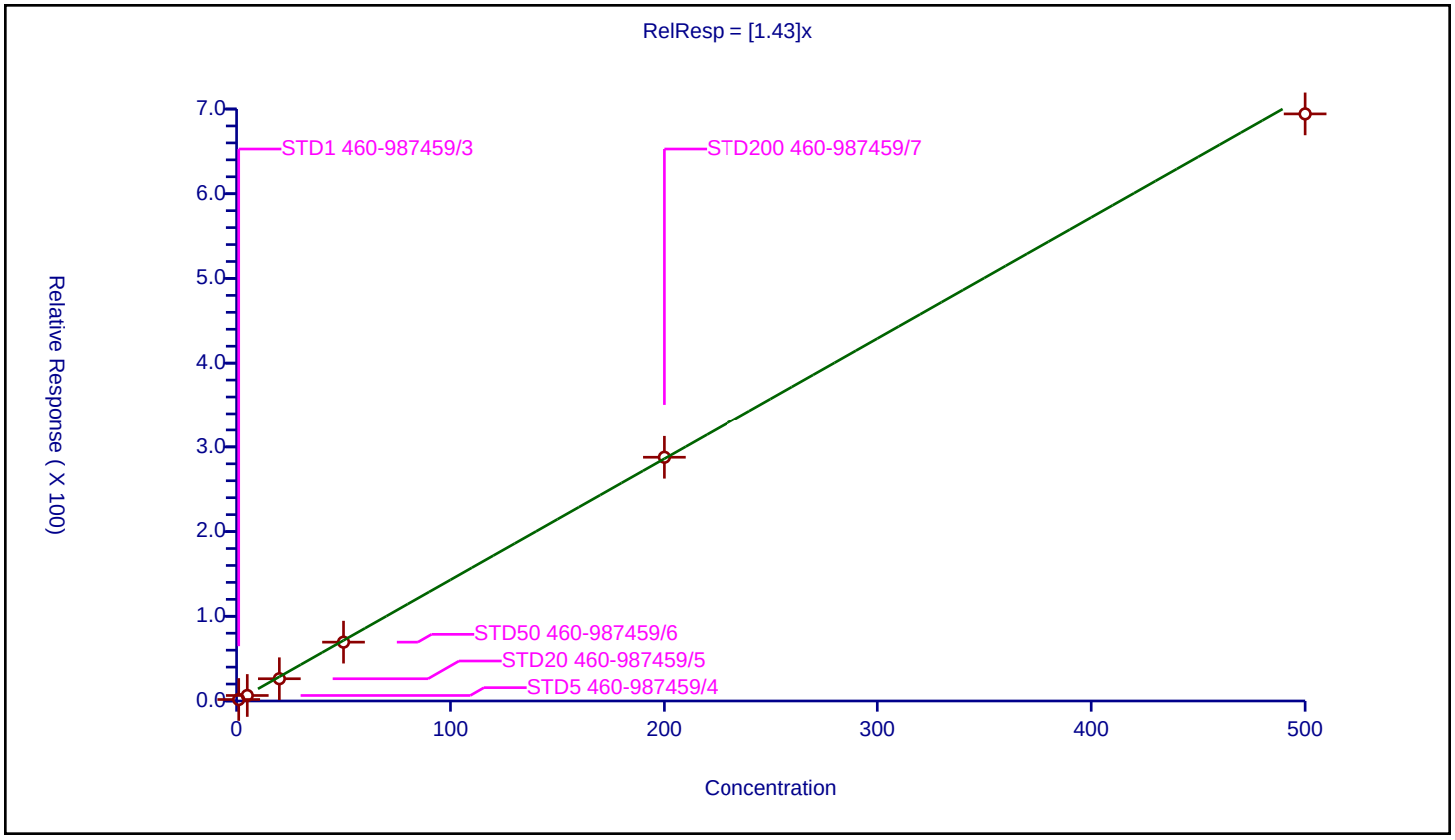
Curve Coefficients

Intercept:	0
Slope:	1.43

Error Coefficients

Relative Standard Deviation:	11.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	1.752273	50.0	224594.0	1.752273	Y
2	STD5 460-987459/4	5.0	6.492808	50.0	242630.0	1.298562	Y
3	STD20 460-987459/5	20.0	26.269362	50.0	249456.0	1.313468	Y
4	STD50 460-987459/6	50.0	69.448813	50.0	251149.0	1.388976	Y
5	STD200 460-987459/7	200.0	287.727966	50.0	240771.0	1.43864	Y
6	STD500 460-987459/8	500.0	694.238478	50.0	290392.0	1.388477	Y



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Calibration / Hexachlorobutadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

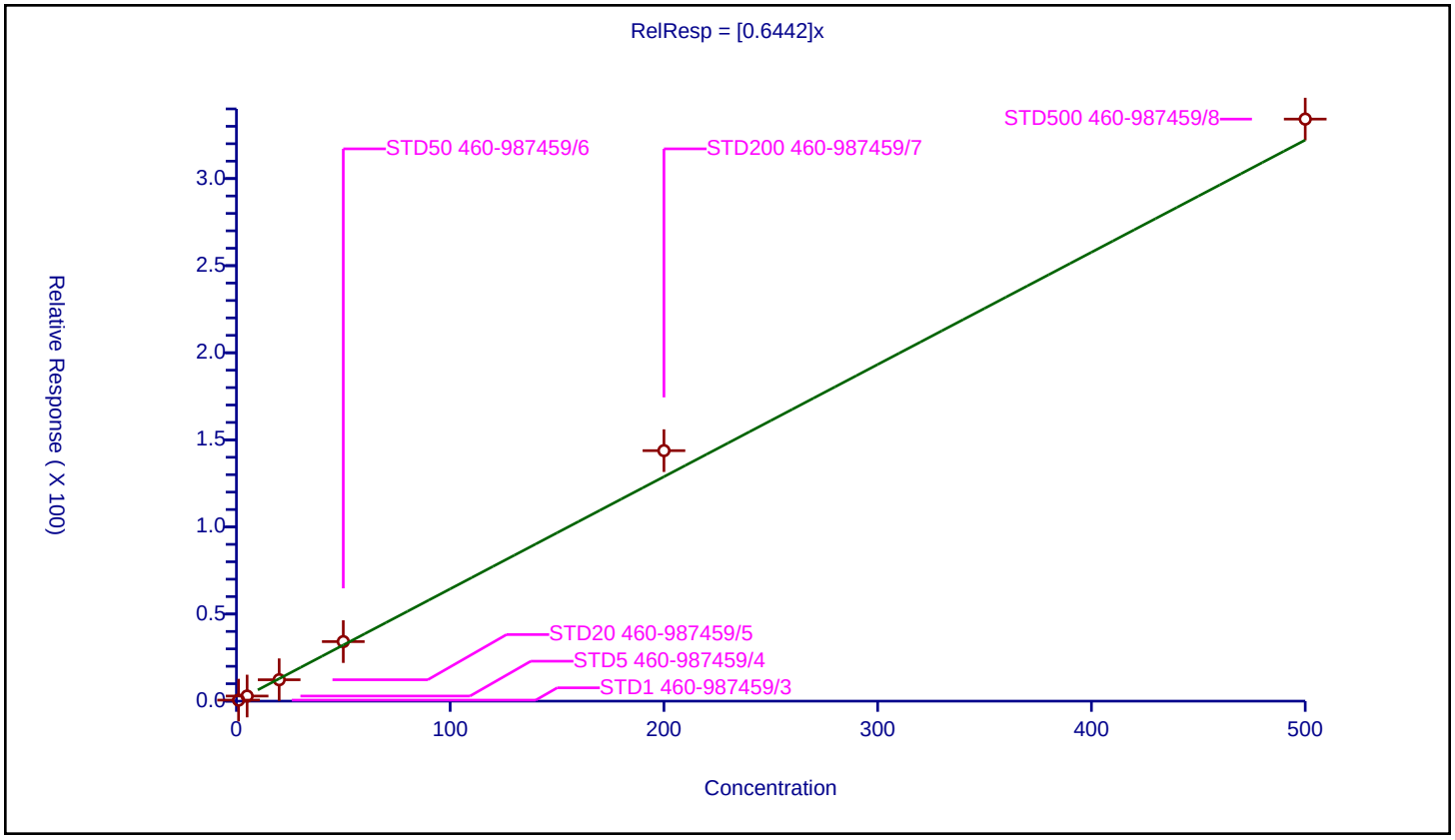
Curve Coefficients

Intercept:	0
Slope:	0.6442

Error Coefficients

Relative Standard Deviation:	8.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	0.593515	50.0	224594.0	0.593515	Y
2	STD5 460-987459/4	5.0	2.933891	50.0	242630.0	0.586778	Y
3	STD20 460-987459/5	20.0	12.285533	50.0	249456.0	0.614277	Y
4	STD50 460-987459/6	50.0	34.176326	50.0	251149.0	0.683527	Y
5	STD200 460-987459/7	200.0	143.804486	50.0	240771.0	0.719022	Y
6	STD500 460-987459/8	500.0	334.144363	50.0	290392.0	0.668289	Y



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Calibration / Naphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

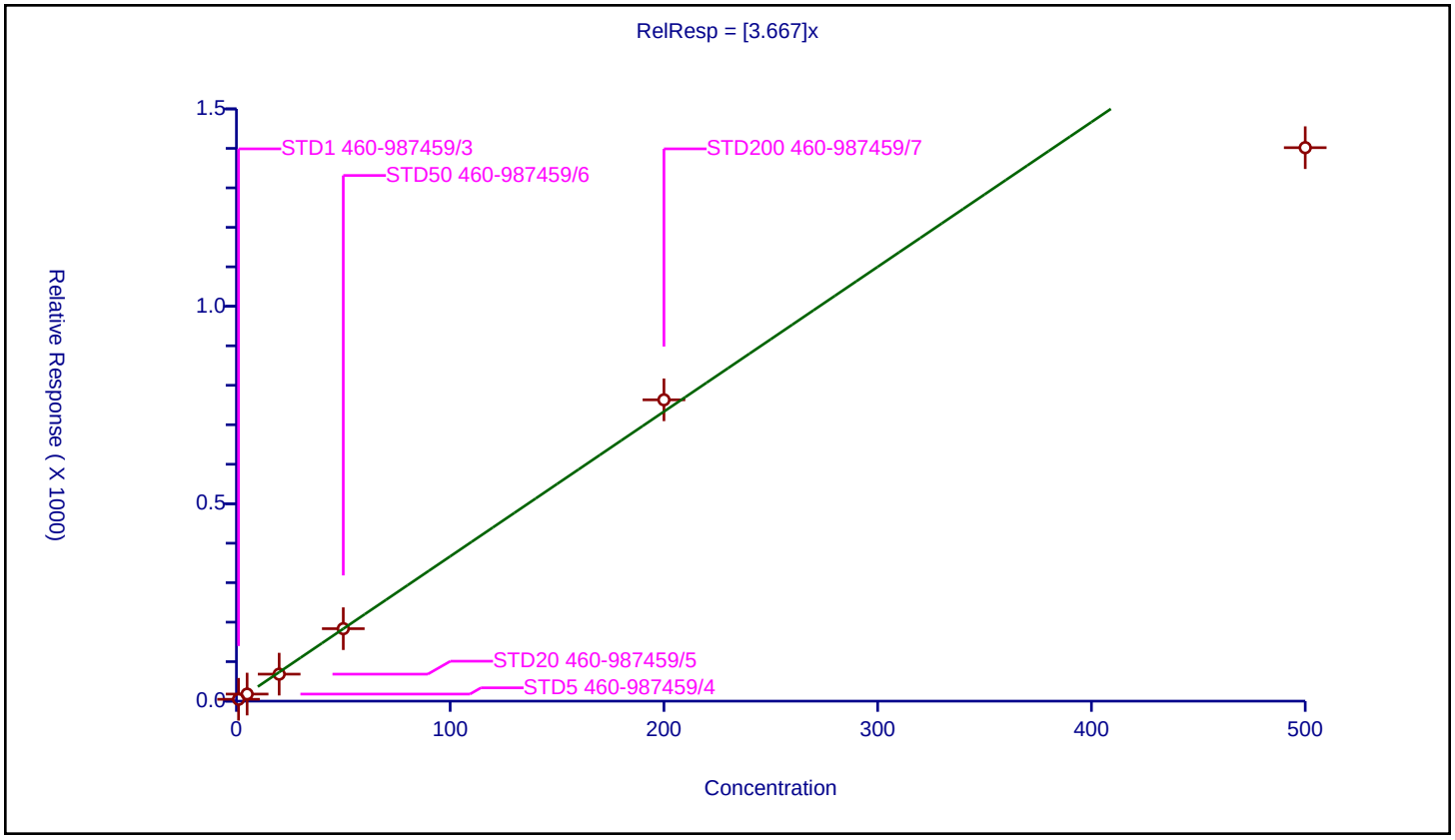
Curve Coefficients

Intercept:	0
Slope:	3.667

Error Coefficients

Relative Standard Deviation:	16.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	4.710277	50.0	224594.0	4.710277	Y
2	STD5 460-987459/4	5.0	17.908956	50.0	242630.0	3.581791	Y
3	STD20 460-987459/5	20.0	68.362757	50.0	249456.0	3.418138	Y
4	STD50 460-987459/6	50.0	183.525318	50.0	251149.0	3.670506	Y
5	STD200 460-987459/7	200.0	763.164376	50.0	240771.0	3.815822	Y
6	STD500 460-987459/8	500.0	1401.749359	50.0	290392.0	2.803499	Y



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Calibration / 1,2,3-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

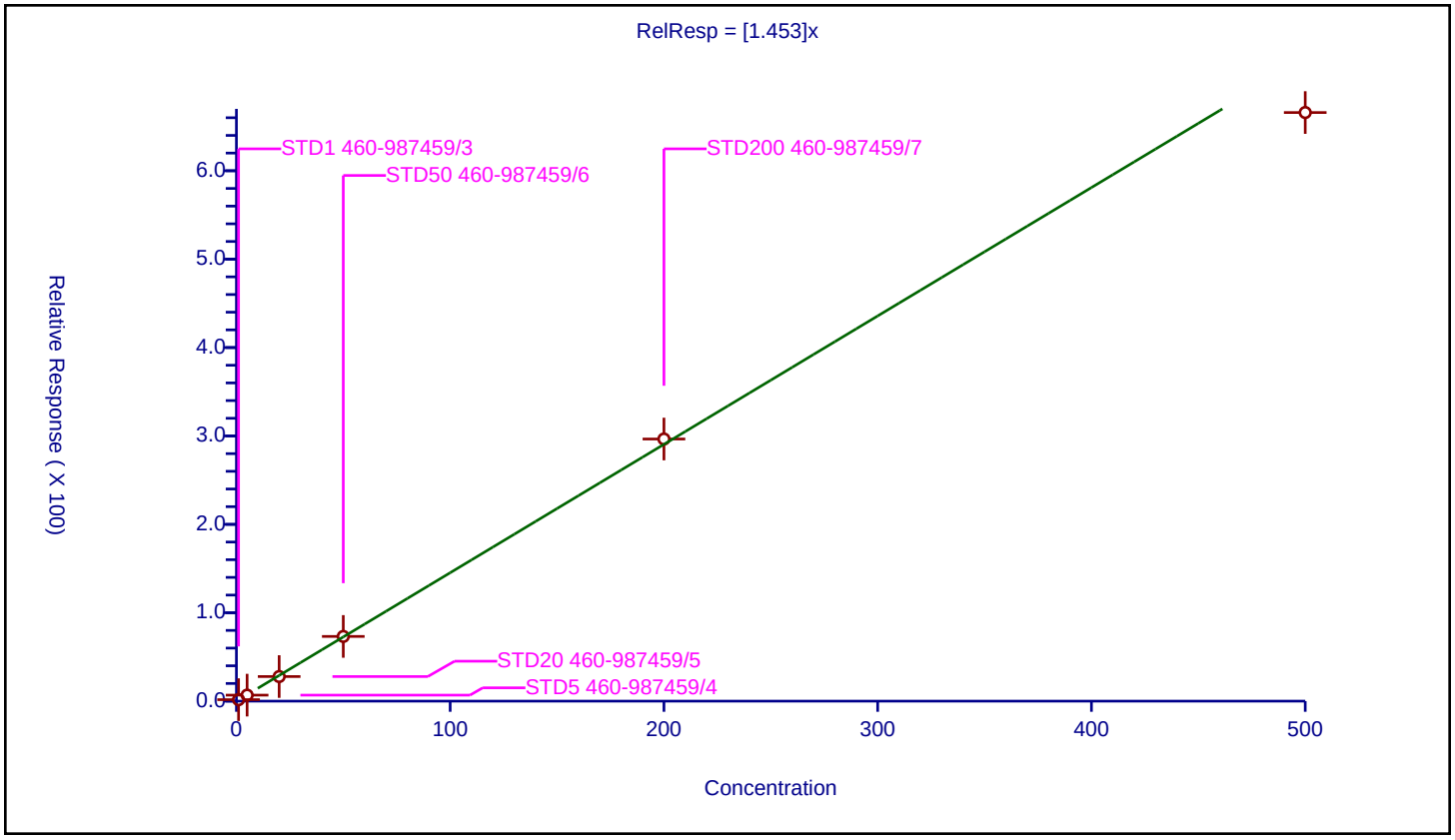
Curve Coefficients

Intercept:	0
Slope:	1.453

Error Coefficients

Relative Standard Deviation:	8.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987459/3	1.0	1.684818	50.0	224594.0	1.684818	Y
2	STD5 460-987459/4	5.0	6.804394	50.0	242630.0	1.360879	Y
3	STD20 460-987459/5	20.0	27.814725	50.0	249456.0	1.390736	Y
4	STD50 460-987459/6	50.0	73.214506	50.0	251149.0	1.46429	Y
5	STD200 460-987459/7	200.0	296.537789	50.0	240771.0	1.482689	Y
6	STD500 460-987459/8	500.0	665.875437	50.0	290392.0	1.331751	Y



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FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Lab Sample ID: ICV 460-991479/15 Calibration Date: 08/20/2024 22:04

Instrument ID: CVOAMS17 Calib Start Date: 08/20/2024 18:09

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/20/2024 20:26

Lab File ID: TT84238.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Monochloropentafluoroethane	Lin		0.0048		7.00	20.0	-65.0*	30.0
1,1-Difluoroethane	Ave	0.1616	0.1639		20.3	20.0	1.4	30.0
Chlorotrifluoroethene	Ave	0.0934	0.1015		21.7	20.0	8.7	30.0
Dichlorodifluoromethane	Ave	0.5353	0.3804	0.1000	14.2	20.0	-28.9	30.0
Chlorodifluoromethane	Ave	0.0627	0.0488		15.6	20.0	-22.2	30.0
Chloromethane	Ave	0.4645	0.3522	0.1000	15.2	20.0	-24.2	30.0
Vinyl chloride	Ave	0.4178	0.3867	0.1000	18.5	20.0	-7.4	30.0
Butadiene	Ave	0.4306	0.4067		18.9	20.0	-5.5	30.0
Bromomethane	Ave	0.2723	0.2608	0.1000	19.2	20.0	-4.2	30.0
Chloroethane	Ave	0.2366	0.2466	0.1000	20.8	20.0	4.2	30.0
Dichlorofluoromethane	Ave	0.6371	0.6357		20.0	20.0	-0.2	30.0
Trichlorofluoromethane	Ave	0.4379	0.4440	0.1000	20.3	20.0	1.4	30.0
Pentane	Ave	0.0579	0.0542		37.4	40.0	-6.4	30.0
Ethanol	Ave	0.4264	0.2830		531	800	-33.6*	30.0
Ethyl ether	Lin2		0.1373		21.4	20.0	7.0	30.0
2-Methyl-1,3-butadiene	Ave	0.2967	0.2982		20.1	20.0	0.5	30.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.2853	0.2869		20.1	20.0	0.6	30.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.4576	0.4733		20.7	20.0	3.4	30.0
Acrolein	Ave	0.0227	0.0148		25.7	39.5	-34.9*	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.3015	0.3287	0.1000	21.8	20.0	9.0	30.0
1,1-Dichloroethene	Ave	0.3062	0.3114	0.1000	20.3	20.0	1.7	30.0
Acetone	Ave	0.8080	0.7466	0.0500	92.4	100	-7.6	30.0
Iodomethane	Ave	0.5189	0.5377		20.7	20.0	3.6	30.0
Isopropyl alcohol	Lin2		4.022		172	200	-14.0	30.0
Carbon disulfide	Ave	1.162	1.156	0.1000	19.9	20.0	-0.5	30.0
3-Chloro-1-propene	Ave	0.1970	0.1938		19.7	20.0	-1.7	30.0
Methyl acetate	Ave	0.1076	0.1267	0.1000	47.1	40.0	17.8	30.0
Cyclopentene	Ave	0.7193	0.6978		19.4	20.0	-3.0	30.0
Acetonitrile	Ave	0.3847	0.3300		172	200	-14.2	30.0
Methylene Chloride	Ave	0.3207	0.3176	0.1000	19.8	20.0	-1.0	30.0
2-Methyl-2-propanol	Ave	8.097	7.118		176	200	-12.1	30.0
MTBE	Ave	0.5852	0.5896	0.1000	20.2	20.0	0.8	30.0
trans-1,2-Dichloroethene	Ave	0.3271	0.3304	0.1000	20.2	20.0	1.0	30.0
Acrylonitrile	Lin2		0.0478		204	200	2.2	30.0
Hexane	Ave	0.4727	0.4705		19.9	20.0	-0.5	30.0
Isopropyl ether	Ave	0.9365	0.9435		20.2	20.0	0.8	30.0
1,1-Dichloroethane	Ave	0.5525	0.5752	0.2000	20.8	20.0	4.1	30.0
Vinyl acetate	Lin2		0.5124		33.3	40.0	-16.8	30.0
2-Chloro-1,3-butadiene	Ave	0.2738	0.2832		20.7	20.0	3.4	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Lab Sample ID: ICV 460-991479/15 Calibration Date: 08/20/2024 22:04

Instrument ID: CVOAMS17 Calib Start Date: 08/20/2024 18:09

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/20/2024 20:26

Lab File ID: TT84238.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tert-butyl ethyl ether	Ave	0.7836	0.7811		19.9	20.0	-0.3	30.0
2,2-Dichloropropane	Ave	0.1052	0.0960		18.2	20.0	-8.8	30.0
cis-1,2-Dichloroethene	Ave	0.3310	0.3382	0.1000	20.4	20.0	2.2	30.0
2-Butanone (MEK)	Ave	0.3177	0.3205	0.0500	101	100	0.9	30.0
Ethyl acetate	Lin2		0.3606		42.1	40.0	5.2	30.0
Methyl acrylate	Lin2		0.1452		22.9	20.0	14.6	30.0
Propionitrile	Ave	10.47	11.54		220	200	10.2	30.0
Tetrahydrofuran	Ave	0.3859	0.3931		40.7	40.0	1.9	30.0
Chlorobromomethane	Ave	0.1249	0.1190		19.1	20.0	-4.7	30.0
Methacrylonitrile	Ave	0.0559	0.0561		201	200	0.3	30.0
Chloroform	Ave	0.4855	0.4888	0.2000	20.1	20.0	0.7	30.0
Cyclohexane	Ave	0.4960	0.5092	0.1000	20.5	20.0	2.6	30.0
1,1,1-Trichloroethane	Ave	0.4282	0.4338	0.1000	20.3	20.0	1.3	30.0
Carbon tetrachloride	Ave	0.3539	0.3578	0.1000	20.2	20.0	1.1	30.0
1,1-Dichloropropene	Ave	0.3992	0.4126		20.7	20.0	3.4	30.0
Isobutyl alcohol	QuaF		2.851		467	500	-6.5	30.0
Isooctane	Ave	1.147	1.127		19.7	20.0	-1.7	30.0
Benzene	Ave	1.799	1.832	0.5000	20.4	20.0	1.8	30.0
Isopropyl acetate	Ave	0.0880	0.0838		19.1	20.0	-4.7	30.0
Tert-amyl methyl ether	Ave	0.6543	0.6656		20.3	20.0	1.7	30.0
1,2-Dichloroethane	Ave	0.2462	0.2407	0.1000	19.6	20.0	-2.2	30.0
n-Heptane	Ave	0.0804	0.0764		19.0	20.0	-5.0	30.0
n-Butanol	Lin2		1.609		407	500	-18.7	30.0
Trichloroethene	Ave	0.2945	0.3106	0.2000	21.1	20.0	5.5	30.0
Ethyl acrylate	Lin2		0.0293		18.7	20.0	-6.4	30.0
Methylcyclohexane	Ave	0.5610	0.5642	0.1000	20.1	20.0	0.6	30.0
1,2-Dichloropropane	Ave	0.2905	0.2952	0.1000	20.3	20.0	1.6	30.0
Methyl methacrylate	Ave	0.0379	0.0415		43.8	40.0	9.5	30.0
1,4-Dioxane	Ave	1.159	0.7785		269	400	-32.8*	30.0
Dibromomethane	Ave	0.1095	0.1138		20.8	20.0	3.9	30.0
n-Propyl acetate	Ave	0.1698	0.1568		18.5	20.0	-7.7	30.0
Dichlorobromomethane	Ave	0.2929	0.2977	0.2000	20.3	20.0	1.6	30.0
2-Nitropropane	Ave	0.0261	0.0223		34.2	40.0	-14.5	30.0
2-Chloroethyl vinyl ether	Ave	0.1026	0.1007		19.6	20.0	-1.8	30.0
Epichlorohydrin	Lin2		0.3322		19.4	20.0	-3.2	30.0
cis-1,3-Dichloropropene	Ave	0.5631	0.5376	0.2000	19.1	20.0	-4.5	30.0
4-Methyl-2-pentanone (MIBK)	Ave	1.201	1.260	0.0500	105	100	5.0	30.0
Toluene	Ave	1.868	1.858	0.4000	19.9	20.0	-0.5	30.0
trans-1,3-Dichloropropene	Ave	0.4119	0.4189	0.1000	20.3	20.0	1.7	30.0
Ethyl methacrylate	Ave	0.3150	0.2911		18.5	20.0	-7.6	30.0
1,1,2-Trichloroethane	Ave	0.2097	0.2162	0.1000	20.6	20.0	3.1	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Lab Sample ID: ICV 460-991479/15 Calibration Date: 08/20/2024 22:04

Instrument ID: CVOAMS17 Calib Start Date: 08/20/2024 18:09

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/20/2024 20:26

Lab File ID: TT84238.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloroethene	Ave	0.4341	0.4578	0.2000	21.1	20.0	5.5	30.0
1,3-Dichloropropane	Ave	0.4008	0.4142		20.7	20.0	3.3	30.0
2-Hexanone	Ave	1.824	1.876	0.0500	103	100	2.9	30.0
n-Butyl acetate	Ave	0.2888	0.2537		17.6	20.0	-12.2	30.0
Chlorodibromomethane	Ave	0.2488	0.2469	0.1000	19.8	20.0	-0.8	30.0
Ethylene Dibromide	Ave	0.2106	0.2103	0.1000	20.0	20.0	-0.1	30.0
Chlorobenzene	Ave	1.093	1.132	0.5000	20.7	20.0	3.5	30.0
Ethylbenzene	Ave	0.6435	0.6546	0.1000	20.3	20.0	1.7	30.0
1,1,1,2-Tetrachloroethane	Ave	0.3594	0.3535		19.7	20.0	-1.6	30.0
m-Xylene & p-Xylene	Ave	0.7863	0.8000	0.1000	20.4	20.0	1.8	30.0
n-Butyl acrylate	Ave	0.1885	0.1646		17.5	20.0	-12.7	30.0
o-Xylene	Ave	0.7744	0.7961	0.3000	20.6	20.0	2.8	30.0
Styrene	Ave	1.192	1.225	0.3000	20.5	20.0	2.7	30.0
Amyl acetate (mixed isomers)	Ave	0.7857	0.6595		16.8	20.0	-16.1	30.0
Bromoform	Ave	0.1384	0.1306	0.1000	18.9	20.0	-5.6	30.0
Isopropylbenzene	Ave	1.841	2.027	0.1000	22.0	20.0	10.1	30.0
Bromobenzene	Ave	0.8368	0.8867		21.2	20.0	6.0	30.0
1,1,2,2-Tetrachloroethane	Ave	0.5062	0.4844	0.3000	19.1	20.0	-4.3	30.0
N-Propylbenzene	Ave	4.618	4.825		20.9	20.0	4.5	30.0
1,2,3-Trichloropropane	Ave	0.1296	0.1247		19.3	20.0	-3.7	30.0
trans-1,4-Dichloro-2-butene	Lin2		0.1015		19.5	20.0	-2.6	30.0
2-Chlorotoluene	Ave	3.127	3.147		20.1	20.0	0.7	30.0
4-Ethyltoluene	Ave	3.804	3.807		20.0	20.0	0.0	30.0
1,3,5-Trimethylbenzene	Ave	3.178	3.254		20.5	20.0	2.4	30.0
4-Chlorotoluene	Ave	2.808	2.908		20.7	20.0	3.5	30.0
Butyl Methacrylate	QuaF		0.7313		13.5	20.0	-32.3*	30.0
tert-Butylbenzene	Ave	2.593	2.586		19.9	20.0	-0.3	30.0
1,2,4-Trimethylbenzene	Ave	3.344	3.331		19.9	20.0	-0.4	30.0
sec-Butylbenzene	Ave	4.137	4.151		20.1	20.0	0.3	30.0
1,3-Dichlorobenzene	Ave	1.737	1.763	0.6000	20.3	20.0	1.5	30.0
4-Isopropyltoluene	Ave	3.541	3.470		19.6	20.0	-2.0	30.0
1,4-Dichlorobenzene	Ave	1.694	1.724	0.5000	20.4	20.0	1.8	30.0
1,2,3-Trimethylbenzene	Ave	3.371	3.326		19.7	20.0	-1.3	30.0
Benzyl chloride	Ave	0.8975	0.7635		17.0	20.0	-14.9	30.0
Indan	Ave	2.957	2.981		20.2	20.0	0.8	30.0
p-Diethylbenzene	Ave	2.180	2.170		19.9	20.0	-0.4	30.0
n-Butylbenzene	Ave	1.950	1.886		19.3	20.0	-3.3	30.0
1,2-Dichlorobenzene	Ave	1.543	1.540	0.4000	20.0	20.0	-0.2	30.0
1,2,4,5-Tetramethylbenzene	Ave	3.287	3.223		19.6	20.0	-1.9	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.0637	0.0546	0.0500	17.1	20.0	-14.3	30.0
1,3,5-Trichlorobenzene	Ave	1.513	1.477		19.5	20.0	-2.4	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Lab Sample ID: ICV 460-991479/15 Calibration Date: 08/20/2024 22:04

Instrument ID: CVOAMS17 Calib Start Date: 08/20/2024 18:09

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/20/2024 20:26

Lab File ID: TT84238.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,4-Trichlorobenzene	Ave	1.213	1.188	0.2000	19.6	20.0	-2.0	30.0
Hexachlorobutadiene	Ave	0.7978	0.7504		18.8	20.0	-5.9	30.0
Naphthalene	Ave	1.637	1.544		18.9	20.0	-5.7	30.0
1,2,3-Trichlorobenzene	Ave	0.9677	0.9057		18.7	20.0	-6.4	30.0
Dibromofluoromethane (Surr)	Ave	0.2195	0.2238		51.0	50.0	2.0	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.1961	0.1929		49.2	50.0	-1.6	30.0
Toluene-d8 (Surr)	Ave	1.367	1.343		49.1	50.0	-1.7	30.0
4-Bromofluorobenzene	Ave	0.4025	0.4067		50.5	50.0	1.1	30.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240820-179823.b\TT84238.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 20-Aug-2024 22:04:30 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ICV
Misc. Info.: 460-0179823-015
Operator ID: Instrument ID: CVOAMS17
Sublist:

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240820-179823.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Aug-2024 20:48:58 Calib Date: 20-Aug-2024 20:26:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240820-179823.b\TT84233.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1634

First Level Reviewer: NN6A Date: 21-Aug-2024 20:49:18

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.265	1.265	0.000	27	808	20.0	7.00	
2 1,1-Difluoroethane	65	1.345	1.332	0.013	98	27879	20.0	20.3	
3 Chlorotrifluoroethene	116	1.357	1.338	0.019	59	17255	20.0	21.7	
4 Dichlorodifluoromethane	85	1.381	1.381	0.000	73	64700	20.0	14.2	
5 Chlorodifluoromethane	67	1.387	1.387	0.000	91	8292	20.0	15.6	a
6 Chloromethane	50	1.534	1.521	0.013	99	59894	20.0	15.2	
7 Vinyl chloride	62	1.607	1.601	0.006	76	65763	20.0	18.5	
8 Butadiene	54	1.613	1.607	0.006	95	69164	20.0	18.9	
9 Bromomethane	94	1.869	1.857	0.012	99	44354	20.0	19.2	
10 Chloroethane	64	1.930	1.924	0.006	99	41940	20.0	20.8	
11 Dichlorofluoromethane	67	2.094	2.088	0.006	99	108107	20.0	20.0	
12 Trichlorofluoromethane	101	2.107	2.094	0.013	95	75517	20.0	20.3	
13 Pentane	72	2.131	2.125	0.006	98	18440	40.0	37.4	
14 Ethanol	46	2.271	2.271	0.000	66	2501	800.0	531.0	a
15 Ethyl ether	74	2.308	2.289	0.019	95	23345	20.0	21.4	
16 2-Methyl-1,3-butadiene	53	2.326	2.320	0.006	95	50716	20.0	20.1	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.363	2.356	0.007	88	48798	20.0	20.1	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.411	2.405	0.006	96	80498	20.0	20.7	
19 Acrolein	56	2.466	2.454	0.012	36	4974	39.5	25.7	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.485	2.478	0.007	93	55902	20.0	21.8	
21 1,1-Dichloroethene	96	2.503	2.491	0.012	99	52966	20.0	20.3	
22 Acetone	43	2.570	2.564	0.006	87	25467	100.0	92.4	
23 Iodomethane	142	2.643	2.631	0.012	96	91450	20.0	20.7	
25 Isopropyl alcohol	45	2.655	2.655	0.000	30	8886	200.0	172.1	
24 Carbon disulfide	76	2.674	2.667	0.007	99	196632	20.0	19.9	
26 3-Chloro-1-propene	76	2.795	2.789	0.006	95	32953	20.0	19.7	
27 Methyl acetate	43	2.802	2.795	0.007	56	43105	40.0	47.1	
28 Cyclopentene	67	2.820	2.808	0.012	95	118669	20.0	19.4	
29 Acetonitrile	41	2.856	2.844	0.012	19	22515	200.0	171.6	Ma
* 31 TBA-d9 (IS)	66	2.899	2.905	-0.006	0	11046	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	2.911	2.905	0.006	92	54016	20.0	19.8	
32 2-Methyl-2-propanol	59	2.972	2.966	0.006	97	15724	200.0	175.8	
33 Methyl tert-butyl ether	73	3.070	3.058	0.012	97	100280	20.0	20.2	
34 trans-1,2-Dichloroethene	96	3.088	3.082	0.006	95	56199	20.0	20.2	
35 Acrylonitrile	53	3.155	3.149	0.006	95	81289	200.0	204.5	
36 Hexane	57	3.247	3.240	0.007	92	80014	20.0	19.9	
37 Isopropyl ether	45	3.442	3.429	0.013	96	160464	20.0	20.2	
38 1,1-Dichloroethane	63	3.472	3.466	0.006	99	97820	20.0	20.8	
39 Vinyl acetate	86	3.472	3.478	-0.006	82	6991	40.0	33.3	
40 2-Chloro-1,3-butadiene	88	3.515	3.509	0.006	90	48160	20.0	20.7	
41 Tert-butyl ethyl ether	59	3.747	3.740	0.007	88	132838	20.0	19.9	
* 42 2-Butanone-d5	46	3.923	3.923	0.000	0	85277	250.0	250.0	
43 2,2-Dichloropropane	97	3.954	3.948	0.006	80	16325	20.0	18.2	
44 cis-1,2-Dichloroethene	96	3.966	3.960	0.006	97	57509	20.0	20.4	
45 2-Butanone (MEK)	72	3.978	3.972	0.006	96	10933	100.0	100.9	
46 Ethyl acetate	70	3.978	3.984	-0.006	93	4920	40.0	42.1	
47 Methyl acrylate	55	4.033	4.027	0.006	99	24699	20.0	22.9	
48 Propionitrile	54	4.106	4.100	0.006	99	25492	200.0	220.4	
49 Chlorobromomethane	128	4.185	4.173	0.012	90	20241	20.0	19.1	
50 Tetrahydrofuran	72	4.173	4.179	-0.006	59	5364	40.0	40.7	
51 Methacrylonitrile	67	4.210	4.198	0.012	90	95426	200.0	200.7	
52 Chloroform	83	4.234	4.228	0.006	99	83132	20.0	20.1	
53 Cyclohexane	84	4.362	4.362	0.000	91	86598	20.0	20.5	
54 1,1,1-Trichloroethane	97	4.381	4.374	0.007	98	73775	20.0	20.3	
$ 55 Dibromofluoromethane (Surr)	113	4.387	4.380	0.007	98	95152	50.0	51.0	
56 Carbon tetrachloride	117	4.496	4.490	0.006	99	60844	20.0	20.2	
57 1,1-Dichloropropene	75	4.521	4.515	0.006	99	70178	20.0	20.7	
58 Isobutyl alcohol	43	4.637	4.637	0.000	94	15748	500.0	467.3	
59 Isooctane	57	4.685	4.679	0.006	99	191609	20.0	19.7	
60 Benzene	78	4.710	4.704	0.006	96	218210	20.0	20.4	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.728	4.722	0.006	0	82010	50.0	49.2	
62 Tert-amyl methyl ether	73	4.771	4.771	0.000	91	113190	20.0	20.3	
63 Isopropyl acetate	61	4.771	4.777	-0.006	79	14254	20.0	19.1	
64 1,2-Dichloroethane	62	4.795	4.795	0.000	95	40939	20.0	19.6	
65 n-Heptane	100	4.868	4.868	0.000	92	12999	20.0	19.0	
* 66 Fluorobenzene	96	4.990	4.990	0.000	99	425173	50.0	50.0	
67 n-Butanol	56	5.283	5.289	-0.006	88	8885	500.0	406.6	
68 Trichloroethene	95	5.338	5.332	0.006	99	52831	20.0	21.1	
70 Ethyl acrylate	99	5.460	5.453	0.007	92	4977	20.0	18.7	a
69 Methylcyclohexane	83	5.460	5.460	0.000	89	95950	20.0	20.1	
71 1,2-Dichloropropane	63	5.618	5.612	0.006	94	50200	20.0	20.3	
* 72 1,4-Dioxane-d8	96	5.661	5.667	-0.006	0	7505	1000.0	1000.0	M
73 Methyl methacrylate	100	5.697	5.697	0.000	88	14118	40.0	43.8	
75 1,4-Dioxane	88	5.716	5.722	-0.006	31	2337	400.0	268.8	
74 Dibromomethane	93	5.740	5.740	0.000	96	19346	20.0	20.8	
76 n-Propyl acetate	43	5.758	5.752	0.006	99	26669	20.0	18.5	
77 Dichlorobromomethane	83	5.892	5.886	0.006	99	50626	20.0	20.3	
78 2-Nitropropane	41	6.222	6.222	0.000	76	7590	40.0	34.2	
79 2-Chloroethyl vinyl ether	63	6.228	6.222	0.006	87	17131	20.0	19.6	
80 Epichlorohydrin	57	6.331	6.325	0.006	90	2266	20.0	19.4	M
81 cis-1,3-Dichloropropene	75	6.386	6.380	0.006	91	64046	20.0	19.1	
82 4-Methyl-2-pentanone (MIBK)	58	6.551	6.545	0.006	96	42996	100.0	105.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	6.624	6.624	0.000	100	400058	50.0	49.1	
84 Toluene	91	6.703	6.697	0.006	93	221366	20.0	19.9	
85 trans-1,3-Dichloropropene	75	7.045	7.045	0.000	96	49906	20.0	20.3	
86 Ethyl methacrylate	69	7.087	7.087	0.000	90	34677	20.0	18.5	
87 1,1,2-Trichloroethane	83	7.258	7.258	0.000	98	25755	20.0	20.6	
88 Tetrachloroethene	166	7.301	7.301	0.000	96	54545	20.0	21.1	
89 1,3-Dichloropropane	76	7.465	7.465	0.000	93	49342	20.0	20.7	
90 2-Hexanone	43	7.532	7.532	0.000	94	63998	100.0	102.9	
91 n-Butyl acetate	43	7.654	7.648	0.006	97	30219	20.0	17.6	
92 Chlorodibromomethane	129	7.691	7.691	0.000	98	29418	20.0	19.8	
93 Ethylene Dibromide	107	7.843	7.843	0.000	100	25059	20.0	20.0	
* 94 Chlorobenzene-d5	117	8.386	8.386	0.000	86	297840	50.0	50.0	
95 Chlorobenzene	112	8.422	8.422	0.000	95	134820	20.0	20.7	
96 Ethylbenzene	106	8.532	8.532	0.000	98	77988	20.0	20.3	
97 1,1,1,2-Tetrachloroethane	131	8.544	8.544	0.000	97	42117	20.0	19.7	
98 m-Xylene & p-Xylene	106	8.691	8.685	0.006	0	95312	20.0	20.4	
100 n-Butyl acrylate	73	9.203	9.203	0.000	47	19614	20.0	17.5	
99 o-Xylene	106	9.203	9.203	0.000	94	94839	20.0	20.6	
101 Styrene	104	9.239	9.239	0.000	96	145912	20.0	20.5	
102 Bromoform	173	9.483	9.483	0.000	97	15565	20.0	18.9	
103 Amyl acetate (mixed isomers)	43	9.483	9.483	0.000	92	40371	20.0	16.8	
104 Isopropylbenzene	105	9.636	9.636	0.000	95	241524	20.0	22.0	
$ 105 4-Bromofluorobenzene	174	9.861	9.855	0.006	94	121137	50.0	50.5	
106 Bromobenzene	156	10.001	10.001	0.000	98	54276	20.0	21.2	
107 1,1,2,2-Tetrachloroethane	83	10.062	10.062	0.000	99	29652	20.0	19.1	
108 N-Propylbenzene	91	10.093	10.093	0.000	99	295342	20.0	20.9	
109 1,2,3-Trichloropropane	110	10.111	10.111	0.000	97	7634	20.0	19.3	
110 trans-1,4-Dichloro-2-butene	53	10.136	10.135	0.001	91	6210	20.0	19.5	
111 2-Chlorotoluene	91	10.203	10.203	0.000	97	192645	20.0	20.1	
112 4-Ethyltoluene	105	10.221	10.221	0.000	98	233053	20.0	20.0	
113 1,3,5-Trimethylbenzene	105	10.294	10.294	0.000	93	199175	20.0	20.5	
114 4-Chlorotoluene	91	10.325	10.324	0.000	97	177983	20.0	20.7	
115 Butyl Methacrylate	87	10.410	10.410	0.000	88	44763	20.0	13.5	
116 tert-Butylbenzene	119	10.599	10.599	0.000	95	158311	20.0	19.9	
117 1,2,4-Trimethylbenzene	105	10.660	10.666	-0.006	97	203901	20.0	19.9	
118 sec-Butylbenzene	105	10.812	10.812	0.000	99	254083	20.0	20.1	
119 1,3-Dichlorobenzene	146	10.940	10.940	0.000	96	107942	20.0	20.3	
120 4-Isopropyltoluene	119	10.952	10.952	0.000	98	212397	20.0	19.6	
* 121 1,4-Dichlorobenzene-d4	152	11.013	11.013	0.000	95	153028	50.0	50.0	
122 1,4-Dichlorobenzene	146	11.038	11.032	0.006	96	105548	20.0	20.4	
123 1,2,3-Trimethylbenzene	105	11.062	11.062	0.000	98	203565	20.0	19.7	
124 Benzyl chloride	91	11.172	11.172	0.000	98	46732	20.0	17.0	
125 2,3-Dihydroindene	117	11.233	11.233	0.000	95	182472	20.0	20.2	
126 p-Diethylbenzene	119	11.300	11.300	0.000	94	132854	20.0	19.9	
127 n-Butylbenzene	92	11.324	11.324	0.000	98	115435	20.0	19.3	
128 1,2-Dichlorobenzene	146	11.367	11.367	0.000	97	94247	20.0	20.0	
129 1,2,4,5-Tetramethylbenzene	119	11.971	11.970	0.001	98	197304	20.0	19.6	
130 1,2-Dibromo-3-Chloropropane	155	12.050	12.050	0.000	96	3340	20.0	17.1	
131 1,3,5-Trichlorobenzene	180	12.172	12.172	0.000	97	90410	20.0	19.5	
132 1,2,4-Trichlorobenzene	180	12.666	12.665	0.001	93	72733	20.0	19.6	
133 Hexachlorobutadiene	225	12.757	12.757	0.000	98	45931	20.0	18.8	
134 Naphthalene	128	12.861	12.861	0.000	100	94494	20.0	18.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	13.037	13.037	0.000	95	55442	20.0	18.7	
S 136 1,2-Dichloroethene, Total	100				0		40.0	40.6	
S 137 Xylenes, Total	100				0		40.0	40.9	
S 139 1,3-Dichloropropene, Total	1				0		40.0	39.4	
S 140 Total BTEX	1				0		100.0	101.5	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

ACROLEIN SP_00168	Amount Added:	4.00	Units: uL	
GAS C SP_00581	Amount Added:	20.00	Units: uL	
7 Freons SS_00017	Amount Added:	20.00	Units: uL	
8260 SP_00183	Amount Added:	20.00	Units: uL	
VOA6IS/SURR_00075	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 21-Aug-2024 20:49:19 Chrom Revision: 2.3 16-Jul-2024 14:17:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240820-179823.b\TT84238.D

Injection Date: 20-Aug-2024 22:04:30 Instrument ID: CVOAMS17

Lims ID: ICV

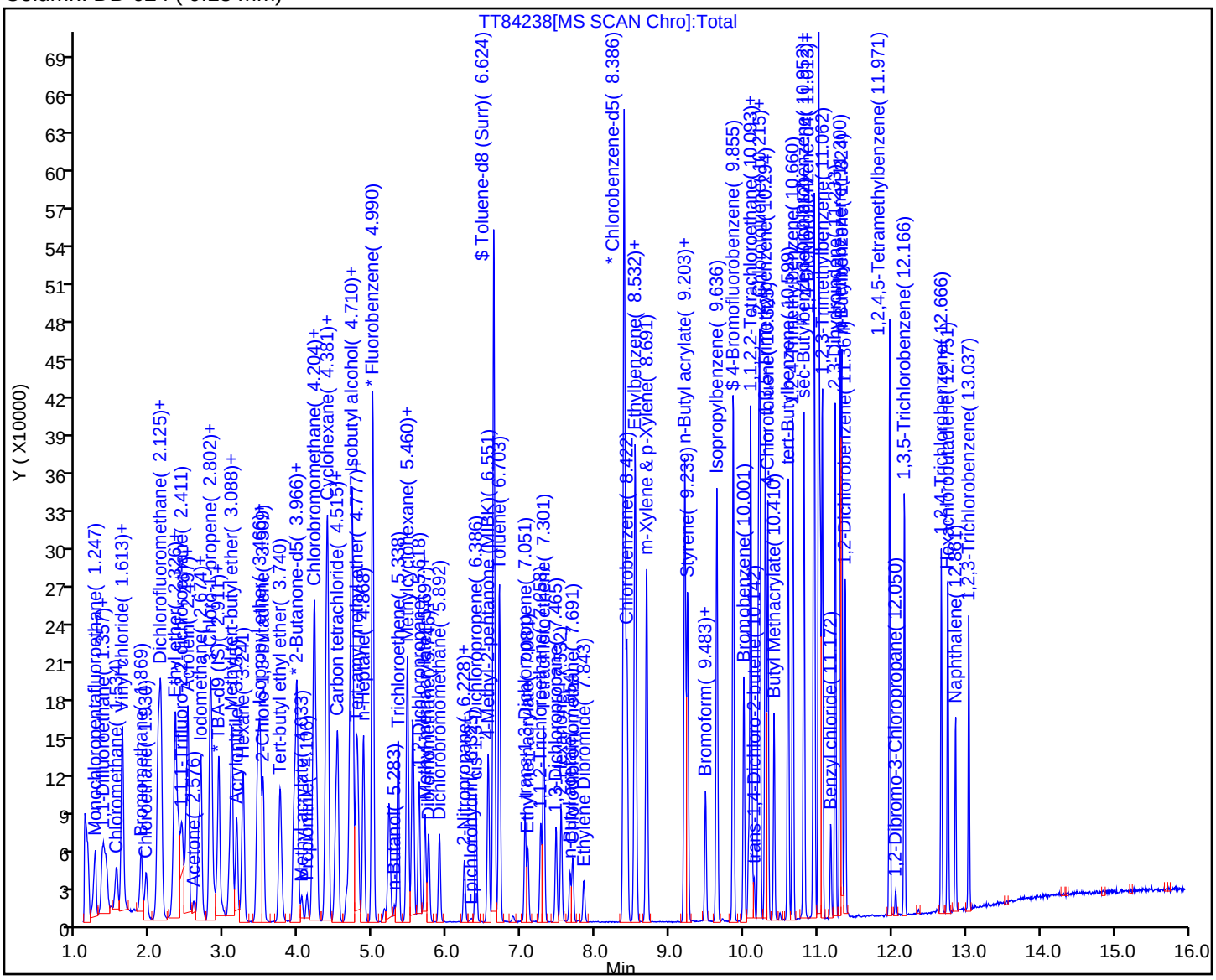
Client ID:

Operator ID: ALS Bottle#: 14 Worklist Smp#: 15

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Lab Sample ID: CCVIS 460-991594/3 Calibration Date: 08/21/2024 06:56

Instrument ID: CVOAMS17 Calib Start Date: 08/20/2024 18:09

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/20/2024 20:26

Lab File ID: TT84241.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Monochloropentafluoroethane	Lin		0.0035		4.78	20.0	-76.1*	20.0
1,1-Difluoroethane	Ave	0.1616	0.1794		22.2	20.0	11.0	20.0
Chlorotrifluoroethene	Ave	0.0934	0.0911		19.5	20.0	-2.4	20.0
Dichlorodifluoromethane	Ave	0.5353	0.2906	0.1000	10.9	20.0	-45.7*	20.0
Chlorodifluoromethane	Ave	0.0627	0.0676		21.6	20.0	7.9	20.0
Chloromethane	Ave	0.4645	0.4332	0.1000	18.7	20.0	-6.7	20.0
Vinyl chloride	Ave	0.4178	0.3770	0.1000	18.0	20.0	-9.8	20.0
Butadiene	Ave	0.4306	0.3280		15.2	20.0	-23.8*	20.0
Bromomethane	Ave	0.2723	0.2896	0.1000	21.3	20.0	6.4	50.0
Chloroethane	Ave	0.2366	0.2565	0.1000	21.7	20.0	8.4	50.0
Dichlorofluoromethane	Ave	0.6371	0.6846		21.5	20.0	7.5	20.0
Trichlorofluoromethane	Ave	0.4379	0.3664	0.1000	16.7	20.0	-16.3	20.0
Pentane	Ave	0.0579	0.0535		37.0	40.0	-7.6	20.0
Ethanol	Ave	0.4264	0.3518		660	800	-17.5	50.0
Ethyl ether	Lin2		0.1497		23.4	20.0	17.0	20.0
2-Methyl-1,3-butadiene	Ave	0.2967	0.3042		20.5	20.0	2.5	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.2853	0.2993		21.0	20.0	4.9	20.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.4576	0.4904		21.4	20.0	7.2	20.0
Acrolein	Ave	0.0227	0.0222		39.0	40.0	-2.5	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.3015	0.2925	0.1000	19.4	20.0	-3.0	20.0
1,1-Dichloroethene	Ave	0.3062	0.3254	0.1000	21.3	20.0	6.3	20.0
Acetone	Ave	0.8080	0.8140	0.0500	101	100	0.7	50.0
Iodomethane	Ave	0.5189	0.5965		23.0	20.0	15.0	20.0
Isopropyl alcohol	Lin2		4.187		179	200	-10.3	50.0
Carbon disulfide	Ave	1.162	1.288	0.1000	22.2	20.0	10.8	50.0
3-Chloro-1-propene	Ave	0.1970	0.2296		23.3	20.0	16.5	20.0
Methyl acetate	Ave	0.1076	0.1034	0.1000	38.4	40.0	-3.9	20.0
Cyclopentene	Ave	0.7193	0.7479		20.8	20.0	4.0	20.0
Acetonitrile	Ave	0.3847	0.4109		214	200	6.8	20.0
Methylene Chloride	Ave	0.3207	0.3458	0.1000	21.6	20.0	7.8	20.0
2-Methyl-2-propanol	Ave	8.097	7.191		178	200	-11.2	50.0
MTBE	Ave	0.5852	0.6485	0.1000	22.2	20.0	10.8	20.0
trans-1,2-Dichloroethene	Ave	0.3271	0.3711	0.1000	22.7	20.0	13.5	20.0
Acrylonitrile	Lin2		0.0522		223	200	11.7	20.0
Hexane	Ave	0.4727	0.4279		18.1	20.0	-9.5	20.0
Isopropyl ether	Ave	0.9365	1.054		22.5	20.0	12.5	20.0
1,1-Dichloroethane	Ave	0.5525	0.6414	0.2000	23.2	20.0	16.1	20.0
Vinyl acetate	Lin2		1.080		69.0	40.0	72.6*	20.0
2-Chloro-1,3-butadiene	Ave	0.2738	0.3012		22.0	20.0	10.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Lab Sample ID: CCVIS 460-991594/3 Calibration Date: 08/21/2024 06:56

Instrument ID: CVOAMS17 Calib Start Date: 08/20/2024 18:09

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/20/2024 20:26

Lab File ID: TT84241.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tert-butyl ethyl ether	Ave	0.7836	0.8777		22.4	20.0	12.0	20.0
2,2-Dichloropropane	Ave	0.1052	0.1233		23.4	20.0	17.2	20.0
cis-1,2-Dichloroethene	Ave	0.3310	0.3744	0.1000	22.6	20.0	13.1	20.0
2-Butanone (MEK)	Ave	0.3177	0.3865	0.0500	122	100	21.7	50.0
Ethyl acetate	Lin2		0.4347		51.2	40.0	28.1*	20.0
Methyl acrylate	Lin2		0.1319		20.8	20.0	3.8	20.0
Propionitrile	Ave	10.47	12.34		236	200	17.8	20.0
Chlorobromomethane	Ave	0.1249	0.1414		22.6	20.0	13.2	20.0
Tetrahydrofuran	Ave	0.3859	0.4453		46.1	40.0	15.4	20.0
Methacrylonitrile	Ave	0.0559	0.0615		220	200	9.9	20.0
Chloroform	Ave	0.4855	0.5598	0.2000	23.1	20.0	15.3	20.0
Cyclohexane	Ave	0.4960	0.4764	0.1000	19.2	20.0	-4.0	50.0
1,1,1-Trichloroethane	Ave	0.4282	0.4682	0.1000	21.9	20.0	9.3	20.0
Carbon tetrachloride	Ave	0.3539	0.3810	0.1000	21.5	20.0	7.7	20.0
1,1-Dichloropropene	Ave	0.3992	0.4552		22.8	20.0	14.0	20.0
Isobutyl alcohol	QuaF		2.437		399	500	-20.1*	20.0
Isooctane	Ave	1.147	1.031		18.0	20.0	-10.1	20.0
Benzene	Ave	1.799	2.062	0.5000	22.9	20.0	14.6	20.0
Isopropyl acetate	Ave	0.0880	0.0940		21.4	20.0	6.8	20.0
Tert-amyl methyl ether	Ave	0.6543	0.7270		22.2	20.0	11.1	20.0
1,2-Dichloroethane	Ave	0.2462	0.2785	0.1000	22.6	20.0	13.1	20.0
n-Heptane	Ave	0.0804	0.0734		18.3	20.0	-8.7	20.0
n-Butanol	Lin2		1.789		454	500	-9.1	50.0
Trichloroethene	Ave	0.2945	0.3379	0.2000	22.9	20.0	14.7	20.0
Ethyl acrylate	Lin2		0.0312		19.9	20.0	-0.4	20.0
Methylcyclohexane	Ave	0.5610	0.5269	0.1000	18.8	20.0	-6.1	50.0
1,2-Dichloropropane	Ave	0.2905	0.3283	0.1000	22.6	20.0	13.0	20.0
Methyl methacrylate	Ave	0.0379	0.0421		44.5	40.0	11.2	20.0
1,4-Dioxane	Ave	1.159	0.6355		219	400	-45.1	50.0
Dibromomethane	Ave	0.1095	0.1220		22.3	20.0	11.4	20.0
n-Propyl acetate	Ave	0.1698	0.1950		23.0	20.0	14.8	20.0
Dichlorobromomethane	Ave	0.2929	0.3276	0.2000	22.4	20.0	11.9	20.0
2-Nitropropane	Ave	0.0261	0.0267		41.0	40.0	2.4	20.0
2-Chloroethyl vinyl ether	Ave	0.1026	0.1156		22.6	20.0	12.6	20.0
Epichlorohydrin	Lin2		0.3101		510	400	27.6*	20.0
cis-1,3-Dichloropropene	Ave	0.5631	0.6579	0.2000	23.4	20.0	16.8	50.0
4-Methyl-2-pentanone (MIBK)	Ave	1.201	1.493	0.0500	124	100	24.4	50.0
Toluene	Ave	1.868	2.108	0.4000	22.6	20.0	12.8	20.0
trans-1,3-Dichloropropene	Ave	0.4119	0.4737	0.1000	23.0	20.0	15.0	50.0
Ethyl methacrylate	Ave	0.3150	0.3615		22.9	20.0	14.7	20.0
1,1,2-Trichloroethane	Ave	0.2097	0.2255	0.1000	21.5	20.0	7.5	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Lab Sample ID: CCVIS 460-991594/3 Calibration Date: 08/21/2024 06:56

Instrument ID: CVOAMS17 Calib Start Date: 08/20/2024 18:09

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/20/2024 20:26

Lab File ID: TT84241.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tetrachloroethene	Ave	0.4341	0.4874	0.2000	22.5	20.0	12.3	20.0
1,3-Dichloropropane	Ave	0.4008	0.4659		23.2	20.0	16.2	20.0
2-Hexanone	Ave	1.824	2.225	0.0500	122	100	22.0	50.0
n-Butyl acetate	Ave	0.2888	0.3536		24.5	20.0	22.4*	20.0
Chlorodibromomethane	Ave	0.2488	0.2818	0.1000	22.7	20.0	13.3	50.0
Ethylene Dibromide	Ave	0.2106	0.2436	0.1000	23.1	20.0	15.6	20.0
Chlorobenzene	Ave	1.093	1.295	0.5000	23.7	20.0	18.5	20.0
Ethylbenzene	Ave	0.6435	0.7465	0.1000	23.2	20.0	16.0	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3594	0.4018		22.4	20.0	11.8	20.0
m-Xylene & p-Xylene	Ave	0.7863	0.9018	0.1000	22.9	20.0	14.7	20.0
n-Butyl acrylate	Ave	0.1885	0.2406		25.5	20.0	27.6*	20.0
o-Xylene	Ave	0.7744	0.8971	0.3000	23.2	20.0	15.8	20.0
Styrene	Ave	1.192	1.387	0.3000	23.3	20.0	16.4	20.0
Amyl acetate (mixed isomers)	Ave	0.7857	0.9828		25.0	20.0	25.1*	20.0
Bromoform	Ave	0.1384	0.1454	0.1000	21.0	20.0	5.0	20.0
Isopropylbenzene	Ave	1.841	2.058	0.1000	22.4	20.0	11.8	20.0
Bromobenzene	Ave	0.8368	0.9430		22.5	20.0	12.7	20.0
1,1,2,2-Tetrachloroethane	Ave	0.5062	0.5369	0.3000	21.2	20.0	6.1	20.0
N-Propylbenzene	Ave	4.618	5.295		22.9	20.0	14.7	20.0
1,2,3-Trichloropropane	Ave	0.1296	0.1387		21.4	20.0	7.0	20.0
trans-1,4-Dichloro-2-butene	Lin2		0.1267		24.2	20.0	21.0*	20.0
2-Chlorotoluene	Ave	3.127	3.594		23.0	20.0	14.9	20.0
4-Ethyltoluene	Ave	3.804	4.358		22.9	20.0	14.6	20.0
1,3,5-Trimethylbenzene	Ave	3.178	3.641		22.9	20.0	14.6	20.0
4-Chlorotoluene	Ave	2.808	3.239		23.1	20.0	15.3	20.0
Butyl Methacrylate	QuaF		0.9685		18.0	20.0	-10.1	20.0
tert-Butylbenzene	Ave	2.593	2.919		22.5	20.0	12.6	20.0
1,2,4-Trimethylbenzene	Ave	3.344	3.779		22.6	20.0	13.0	20.0
sec-Butylbenzene	Ave	4.137	4.645		22.5	20.0	12.3	20.0
1,3-Dichlorobenzene	Ave	1.737	1.983	0.6000	22.8	20.0	14.2	20.0
4-Isopropyltoluene	Ave	3.541	4.031		22.8	20.0	13.8	20.0
1,4-Dichlorobenzene	Ave	1.694	1.939	0.5000	22.9	20.0	14.4	20.0
1,2,3-Trimethylbenzene	Ave	3.371	3.810		22.6	20.0	13.0	20.0
Benzyl chloride	Ave	0.8975	1.113		24.8	20.0	24.0	50.0
Indan	Ave	2.957	3.394		23.0	20.0	14.8	20.0
p-Diethylbenzene	Ave	2.180	2.518		23.1	20.0	15.5	20.0
n-Butylbenzene	Ave	1.950	2.209		22.7	20.0	13.3	20.0
1,2-Dichlorobenzene	Ave	1.543	1.715	0.4000	22.2	20.0	11.1	20.0
1,2,4,5-Tetramethylbenzene	Ave	3.287	3.699		22.5	20.0	12.5	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.0637	0.0732	0.0500	23.0	20.0	14.9	50.0
1,3,5-Trichlorobenzene	Ave	1.513	1.731		22.9	20.0	14.4	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Lab Sample ID: CCVIS 460-991594/3 Calibration Date: 08/21/2024 06:56

Instrument ID: CVOAMS17 Calib Start Date: 08/20/2024 18:09

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/20/2024 20:26

Lab File ID: TT84241.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,4-Trichlorobenzene	Ave	1.213	1.346	0.2000	22.2	20.0	11.0	20.0
Hexachlorobutadiene	Ave	0.7978	0.8847		22.2	20.0	10.9	20.0
Naphthalene	Ave	1.637	1.739		21.2	20.0	6.2	50.0
1,2,3-Trichlorobenzene	Ave	0.9677	1.031		21.3	20.0	6.5	20.0
Dibromofluoromethane (Surr)	Ave	0.2195	0.2220		50.6	50.0	1.2	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.1961	0.1863		47.5	50.0	-5.0	20.0
Toluene-d8 (Surr)	Ave	1.367	1.338		49.0	50.0	-2.1	20.0
4-Bromofluorobenzene	Ave	0.4025	0.4083		50.7	50.0	1.5	20.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240821-179848.b\TT84241.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 21-Aug-2024 06:56:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0179848-003
Operator ID: Instrument ID: CVOAMS17
Sublist: chrom-8260W_17*sub11

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240821-179848.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-Aug-2024 11:09:29 Calib Date: 20-Aug-2024 20:26:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240820-179823.b\TT84233.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1626

First Level Reviewer: FK2C Date: 21-Aug-2024 09:28:22

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.271	1.271	0.000	10	556	20.0	4.78	
2 1,1-Difluoroethane	65	1.351	1.351	0.000	96	28723	20.0	22.2	
3 Chlorotrifluoroethene	116	1.351	1.351	0.000	57	14582	20.0	19.5	
4 Dichlorodifluoromethane	85	1.375	1.375	0.000	61	46527	20.0	10.9	M
5 Chlorodifluoromethane	67	1.399	1.399	0.000	98	10825	20.0	21.6	
6 Chloromethane	50	1.540	1.540	0.000	99	69356	20.0	18.7	
7 Vinyl chloride	62	1.607	1.607	0.000	93	60356	20.0	18.0	
8 Butadiene	54	1.613	1.613	0.000	95	52512	20.0	15.2	
9 Bromomethane	94	1.869	1.869	0.000	98	46370	20.0	21.3	
10 Chloroethane	64	1.930	1.930	0.000	100	41062	20.0	21.7	
11 Dichlorofluoromethane	67	2.094	2.094	0.000	99	109607	20.0	21.5	
12 Trichlorofluoromethane	101	2.106	2.106	0.000	97	58654	20.0	16.7	
13 Pentane	72	2.131	2.131	0.000	97	17136	40.0	37.0	
14 Ethanol	46	2.308	2.308	0.000	67	3116	800.0	660.1	
15 Ethyl ether	74	2.308	2.308	0.000	95	23959	20.0	23.4	
16 2-Methyl-1,3-butadiene	53	2.326	2.326	0.000	96	48702	20.0	20.5	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.356	2.356	0.000	96	47914	20.0	21.0	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.411	2.411	0.000	90	78514	20.0	21.4	
19 Acrolein	56	2.460	2.460	0.000	93	7104	40.0	39.0	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.484	2.484	0.000	97	46824	20.0	19.4	
21 1,1-Dichloroethene	96	2.497	2.497	0.000	99	52092	20.0	21.3	
22 Acetone	43	2.570	2.570	0.000	89	24400	100.0	100.7	
23 Iodomethane	142	2.643	2.643	0.000	97	95495	20.0	23.0	
25 Isopropyl alcohol	45	2.655	2.655	0.000	98	9271	200.0	179.4	
24 Carbon disulfide	76	2.673	2.673	0.000	99	206174	20.0	22.2	
26 3-Chloro-1-propene	76	2.795	2.795	0.000	91	36762	20.0	23.3	
29 Acetonitrile	41	2.844	2.844	0.000	95	24631	200.0	213.6	a
27 Methyl acetate	43	2.801	2.801	0.000	47	33113	40.0	38.4	
28 Cyclopentene	67	2.820	2.820	0.000	94	119736	20.0	20.8	
* 31 TBA-d9 (IS)	66	2.905	2.905	0.000	0	11071	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	2.917	2.917	0.000	93	55353	20.0	21.6	
32 2-Methyl-2-propanol	59	2.972	2.972	0.000	96	15922	200.0	177.6	
33 Methyl tert-butyl ether	73	3.070	3.070	0.000	97	103821	20.0	22.2	
34 trans-1,2-Dichloroethene	96	3.094	3.094	0.000	95	59416	20.0	22.7	
35 Acrylonitrile	53	3.155	3.155	0.000	98	83523	200.0	223.5	
36 Hexane	57	3.246	3.246	0.000	93	68511	20.0	18.1	
37 Isopropyl ether	45	3.435	3.435	0.000	98	168696	20.0	22.5	
38 1,1-Dichloroethane	63	3.472	3.472	0.000	99	102688	20.0	23.2	
39 Vinyl acetate	86	3.484	3.484	0.000	99	12949	40.0	69.0	
40 2-Chloro-1,3-butadiene	88	3.515	3.515	0.000	90	48228	20.0	22.0	
41 Tert-butyl ethyl ether	59	3.740	3.740	0.000	89	140514	20.0	22.4	
* 42 2-Butanone-d5	46	3.923	3.923	0.000	0	74939	250.0	250.0	
43 2,2-Dichloropropane	97	3.948	3.948	0.000	88	19742	20.0	23.4	
44 cis-1,2-Dichloroethene	96	3.966	3.966	0.000	97	59940	20.0	22.6	
45 2-Butanone (MEK)	72	3.978	3.978	0.000	96	11587	100.0	121.7	
46 Ethyl acetate	70	3.984	3.984	0.000	95	5212	40.0	51.2	
47 Methyl acrylate	55	4.033	4.033	0.000	99	21116	20.0	20.8	
48 Propionitrile	54	4.106	4.106	0.000	98	27318	200.0	235.7	
49 Chlorobromomethane	128	4.179	4.179	0.000	92	22641	20.0	22.6	
50 Tetrahydrofuran	72	4.179	4.179	0.000	44	5339	40.0	46.1	
51 Methacrylonitrile	67	4.204	4.204	0.000	90	98391	200.0	219.8	
52 Chloroform	83	4.234	4.234	0.000	99	89628	20.0	23.1	
53 Cyclohexane	84	4.368	4.368	0.000	91	76277	20.0	19.2	
54 1,1,1-Trichloroethane	97	4.380	4.380	0.000	96	74955	20.0	21.9	
$ 55 Dibromofluoromethane (Surr)	113	4.387	4.387	0.000	99	88871	50.0	50.6	
56 Carbon tetrachloride	117	4.496	4.496	0.000	99	60995	20.0	21.5	
57 1,1-Dichloropropene	75	4.521	4.521	0.000	98	72874	20.0	22.8	
58 Isobutyl alcohol	43	4.643	4.643	0.000	92	13492	500.0	399.4	
59 Isooctane	57	4.685	4.685	0.000	99	165092	20.0	18.0	
60 Benzene	78	4.710	4.710	0.000	96	228609	20.0	22.9	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.722	4.722	0.000	0	74549	50.0	47.5	
63 Isopropyl acetate	61	4.771	4.771	0.000	84	15048	20.0	21.4	
62 Tert-amyl methyl ether	73	4.777	4.777	0.000	90	116392	20.0	22.2	
64 1,2-Dichloroethane	62	4.795	4.795	0.000	94	44586	20.0	22.6	
65 n-Heptane	100	4.862	4.862	0.000	91	11753	20.0	18.3	
* 66 Fluorobenzene	96	4.990	4.990	0.000	99	400238	50.0	50.0	
67 n-Butanol	56	5.283	5.283	0.000	88	9902	500.0	454.4	
68 Trichloroethene	95	5.331	5.331	0.000	99	54095	20.0	22.9	
70 Ethyl acrylate	99	5.459	5.459	0.000	93	4991	20.0	19.9	
69 Methylcyclohexane	83	5.459	5.459	0.000	87	84359	20.0	18.8	
71 1,2-Dichloropropane	63	5.618	5.618	0.000	93	52566	20.0	22.6	
* 72 1,4-Dioxane-d8	96	5.661	5.661	0.000	0	10039	1000.0	1000.0	Ma
73 Methyl methacrylate	100	5.697	5.697	0.000	89	13495	40.0	44.5	
75 1,4-Dioxane	88	5.722	5.722	0.000	47	2552	400.0	219.4	
74 Dibromomethane	93	5.740	5.740	0.000	94	19536	20.0	22.3	
76 n-Propyl acetate	43	5.752	5.752	0.000	99	31214	20.0	23.0	
77 Dichlorobromomethane	83	5.892	5.892	0.000	99	52447	20.0	22.4	
78 2-Nitropropane	41	6.222	6.222	0.000	75	8557	40.0	41.0	
79 2-Chloroethyl vinyl ether	63	6.234	6.234	0.000	90	18547	20.0	22.6	
80 Epichlorohydrin	57	6.325	6.325	0.000	99	37182	400.0	510.3	
81 cis-1,3-Dichloropropene	75	6.386	6.386	0.000	91	72953	20.0	23.4	
82 4-Methyl-2-pentanone (MIBK)	58	6.551	6.551	0.000	96	44764	100.0	124.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 83 Toluene-d8 (Surr)	98	6.630	6.630	0.000	100	371059	50.0	49.0	
84 Toluene	91	6.703	6.703	0.000	94	233722	20.0	22.6	
85 trans-1,3-Dichloropropene	75	7.045	7.045	0.000	95	52527	20.0	23.0	
86 Ethyl methacrylate	69	7.081	7.081	0.000	90	40085	20.0	22.9	
87 1,1,2-Trichloroethane	83	7.258	7.258	0.000	97	25007	20.0	21.5	
88 Tetrachloroethene	166	7.301	7.301	0.000	97	54051	20.0	22.5	
89 1,3-Dichloropropane	76	7.465	7.465	0.000	94	51660	20.0	23.2	
90 2-Hexanone	43	7.532	7.532	0.000	97	66684	100.0	122.0	
91 n-Butyl acetate	43	7.654	7.654	0.000	99	39209	20.0	24.5	
92 Chlorodibromomethane	129	7.691	7.691	0.000	98	31248	20.0	22.7	
93 Ethylene Dibromide	107	7.843	7.843	0.000	98	27012	20.0	23.1	
* 94 Chlorobenzene-d5	117	8.386	8.386	0.000	87	277226	50.0	50.0	
95 Chlorobenzene	112	8.422	8.422	0.000	95	143593	20.0	23.7	
96 Ethylbenzene	106	8.532	8.532	0.000	98	82782	20.0	23.2	
97 1,1,1,2-Tetrachloroethane	131	8.544	8.544	0.000	96	44557	20.0	22.4	
98 m-Xylene & p-Xylene	106	8.691	8.691	0.000	0	99999	20.0	22.9	
100 n-Butyl acrylate	73	9.203	9.203	0.000	53	26680	20.0	25.5	
99 o-Xylene	106	9.203	9.203	0.000	95	99476	20.0	23.2	
101 Styrene	104	9.239	9.239	0.000	96	153853	20.0	23.3	
102 Bromoform	173	9.483	9.483	0.000	55	16122	20.0	21.0	
103 Amyl acetate (mixed isomers)	43	9.483	9.483	0.000	92	56119	20.0	25.0	
104 Isopropylbenzene	105	9.635	9.635	0.000	96	228244	20.0	22.4	
$ 105 4-Bromofluorobenzene	174	9.861	9.861	0.000	96	113198	50.0	50.7	
106 Bromobenzene	156	10.001	10.001	0.000	99	53846	20.0	22.5	
107 1,1,2,2-Tetrachloroethane	83	10.062	10.062	0.000	99	30659	20.0	21.2	
108 N-Propylbenzene	91	10.093	10.093	0.000	99	302320	20.0	22.9	
109 1,2,3-Trichloropropane	110	10.117	10.117	0.000	97	7919	20.0	21.4	
110 trans-1,4-Dichloro-2-butene	53	10.141	10.141	0.000	92	7237	20.0	24.2	
111 2-Chlorotoluene	91	10.202	10.202	0.000	97	205189	20.0	23.0	
112 4-Ethyltoluene	105	10.221	10.221	0.000	98	248856	20.0	22.9	
113 1,3,5-Trimethylbenzene	105	10.294	10.294	0.000	93	207923	20.0	22.9	
114 4-Chlorotoluene	91	10.324	10.324	0.000	97	184931	20.0	23.1	
115 Butyl Methacrylate	87	10.410	10.410	0.000	89	55303	20.0	18.0	
116 tert-Butylbenzene	119	10.599	10.599	0.000	95	166665	20.0	22.5	
117 1,2,4-Trimethylbenzene	105	10.666	10.666	0.000	97	215759	20.0	22.6	
118 sec-Butylbenzene	105	10.812	10.812	0.000	99	265203	20.0	22.5	
119 1,3-Dichlorobenzene	146	10.940	10.940	0.000	97	113209	20.0	22.8	
120 4-Isopropyltoluene	119	10.952	10.952	0.000	98	230176	20.0	22.8	
* 121 1,4-Dichlorobenzene-d4	152	11.013	11.013	0.000	95	142750	50.0	50.0	
122 1,4-Dichlorobenzene	146	11.032	11.032	0.000	95	110697	20.0	22.9	
123 1,2,3-Trimethylbenzene	105	11.062	11.062	0.000	98	217526	20.0	22.6	
124 Benzyl chloride	91	11.172	11.172	0.000	99	63562	20.0	24.8	
125 2,3-Dihydroindene	117	11.233	11.233	0.000	94	193814	20.0	23.0	
126 p-Diethylbenzene	119	11.300	11.300	0.000	94	143794	20.0	23.1	
127 n-Butylbenzene	92	11.324	11.324	0.000	98	126159	20.0	22.7	
128 1,2-Dichlorobenzene	146	11.373	11.373	0.000	97	97902	20.0	22.2	
129 1,2,4,5-Tetramethylbenzene	119	11.970	11.970	0.000	98	211194	20.0	22.5	
130 1,2-Dibromo-3-Chloropropane	155	12.050	12.050	0.000	96	4180	20.0	23.0	
131 1,3,5-Trichlorobenzene	180	12.172	12.172	0.000	97	98826	20.0	22.9	
132 1,2,4-Trichlorobenzene	180	12.665	12.665	0.000	93	76867	20.0	22.2	
133 Hexachlorobutadiene	225	12.757	12.757	0.000	98	50516	20.0	22.2	
134 Naphthalene	128	12.860	12.860	0.000	99	99271	20.0	21.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	13.037	13.037	0.000	96	58843	20.0	21.3	
S 136 1,2-Dichloroethene, Total	100				0		40.0	45.3	
S 137 Xylenes, Total	100				0		40.0	46.1	
S 139 1,3-Dichloropropene, Total	1				0		40.0	46.4	
S 140 Total BTEX	1				0		100.0	114.8	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

524FREONS_00023	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00192	Amount Added:	20.00	Units: uL	
GASES Li_00599	Amount Added:	20.00	Units: uL	
ACROLEIN W_00172	Amount Added:	4.00	Units: uL	
VOA6IS/SURR_00075	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 22-Aug-2024 11:09:31 Chrom Revision: 2.3 16-Jul-2024 14:17:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240821-179848.b\TT84241.D

Injection Date: 21-Aug-2024 06:56:30 Instrument ID: CVOAMS17

Lims ID: CCVIS

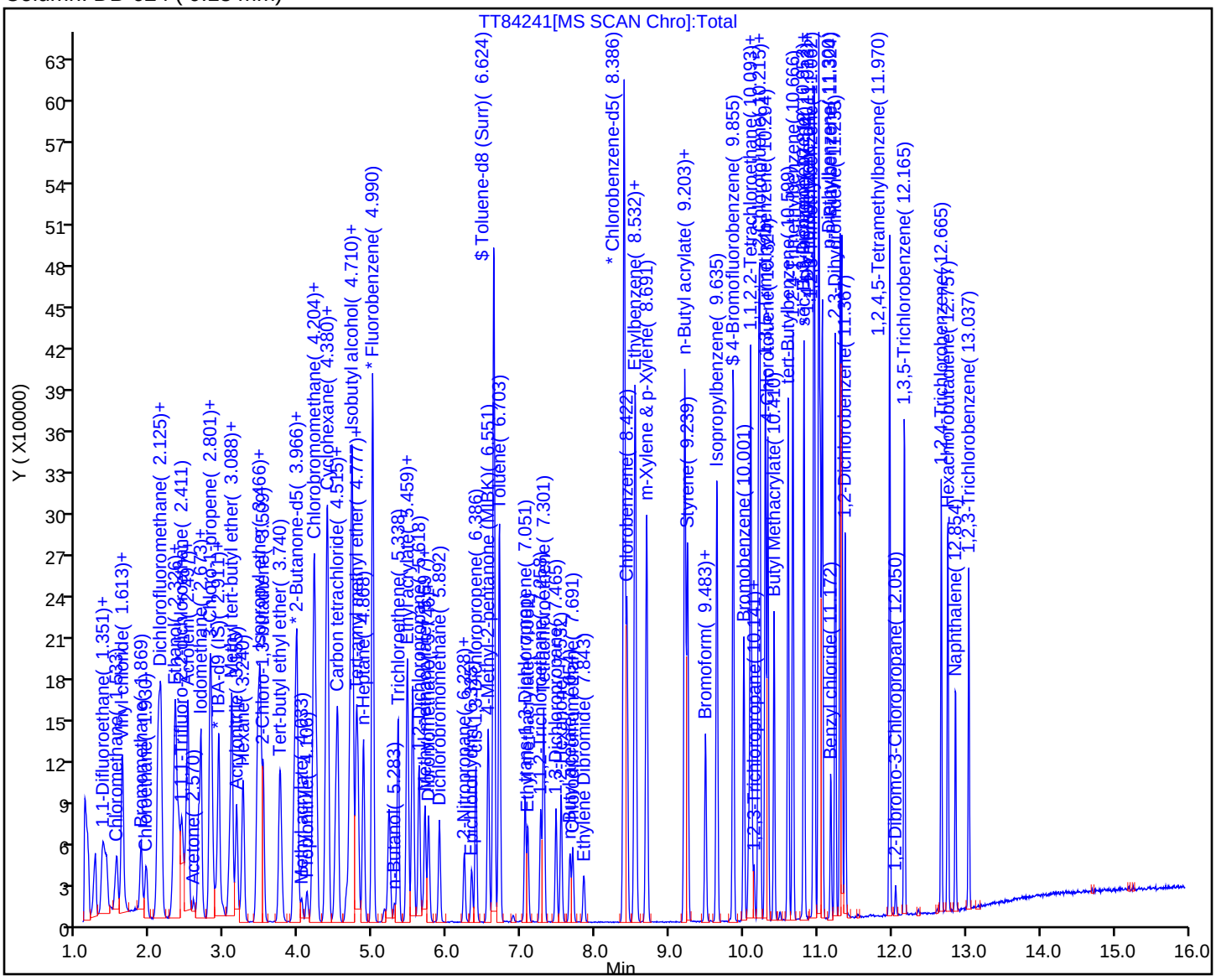
Client ID:

Operator ID: ALS Bottle#: 2 Worklist Smp#: 3

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Lab Sample ID: ICV 460-992189/13 Calibration Date: 08/23/2024 18:55

Instrument ID: CVOAMS2 Calib Start Date: 08/23/2024 14:48

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/23/2024 16:52

Lab File ID: B14068.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.3494	0.2609	0.1000	14.9	20.0	-25.3	30.0
Chlorodifluoromethane	Lin2		0.0364		17.6	20.0	-12.2	30.0
Chloromethane	Ave	0.3631	0.3103	0.1000	17.1	20.0	-14.5	30.0
Vinyl chloride	Ave	0.2638	0.2634	0.1000	20.0	20.0	-0.2	30.0
Butadiene	Ave	0.2593	0.2608		20.1	20.0	0.6	30.0
Bromomethane	Ave	0.1841	0.1808	0.1000	19.6	20.0	-1.8	30.0
Chloroethane	Ave	0.1476	0.1480	0.1000	20.1	20.0	0.3	30.0
Dichlorofluoromethane	Ave	0.4089	0.4332		21.2	20.0	5.9	30.0
Pentane	Ave	0.3093	0.2792		36.1	40.0	-9.7	30.0
Trichlorofluoromethane	Ave	0.2235	0.2189	0.1000	19.6	20.0	-2.0	30.0
Ethyl ether	Lin2		0.1821		20.3	20.0	1.6	30.0
2-Methyl-1,3-butadiene	Ave	0.2217	0.2238		20.2	20.0	0.9	30.0
Ethanol	Ave	0.0286	0.0295		824	800	3.1	30.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.1756	0.1893		21.6	20.0	7.8	30.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.3131	0.3525		22.5	20.0	12.6	30.0
Acrolein	Ave	1.191	0.7367		183	296	-38.1*	30.0
1,1-Dichloroethene	Ave	0.2201	0.2196	0.1000	20.0	20.0	-0.2	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2283	0.2393	0.1000	21.0	20.0	4.8	30.0
Acetone	Qua2		0.6674	0.0500	101	100	0.7	30.0
Iodomethane	Ave	0.3977	0.4026		20.2	20.0	1.2	30.0
Carbon disulfide	Ave	1.002	0.9845	0.1000	19.6	20.0	-1.8	30.0
Isopropyl alcohol	Ave	0.4493	0.5204		232	200	15.8	30.0
3-Chloro-1-propene	Ave	0.3014	0.3181		21.1	20.0	5.5	30.0
Acetonitrile	Ave	0.3941	0.3648		185	200	-7.4	30.0
Methyl acetate	Ave	0.1983	0.2056	0.1000	41.5	40.0	3.7	30.0
Methylene Chloride	Ave	0.2891	0.2857	0.1000	19.8	20.0	-1.2	30.0
2-Methyl-2-propanol	Ave	1.095	1.048		191	200	-4.4	30.0
Acrylonitrile	Ave	2.990	3.028		203	200	1.3	30.0
trans-1,2-Dichloroethene	Ave	0.2345	0.2409	0.1000	20.5	20.0	2.7	30.0
MTBE	Ave	0.7304	0.7464	0.1000	20.4	20.0	2.2	30.0
Hexane	Ave	0.3614	0.3610		20.0	20.0	-0.1	30.0
1,1-Dichloroethane	Ave	0.4329	0.4502	0.2000	20.8	20.0	4.0	30.0
2-Chloro-1,3-butadiene	Ave	0.2048	0.2140		20.9	20.0	4.5	30.0
Vinyl acetate	Ave	0.2913	0.2551		35.0	40.0	-12.4	30.0
Isopropyl ether	Ave	0.7555	0.7849		20.8	20.0	3.9	30.0
Tert-butyl ethyl ether	Ave	0.3018	0.3057		20.3	20.0	1.3	30.0
cis-1,2-Dichloroethene	Ave	0.2595	0.2664	0.1000	20.5	20.0	2.6	30.0
2,2-Dichloropropane	Ave	0.1037	0.0977		18.8	20.0	-5.8	30.0
2-Butanone (MEK)	Ave	0.2609	0.2525	0.0500	96.8	100	-3.2	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Lab Sample ID: ICV 460-992189/13 Calibration Date: 08/23/2024 18:55

Instrument ID: CVOAMS2 Calib Start Date: 08/23/2024 14:48

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/23/2024 16:52

Lab File ID: B14068.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Ethyl acetate	Ave	2.185	2.660		48.7	40.0	21.7	30.0
Propionitrile	Ave	0.3282	0.3204		195	200	-2.4	30.0
Methyl acrylate	Ave	0.2849	0.2795		19.6	20.0	-1.9	30.0
Chlorobromomethane	Ave	0.1154	0.1209		20.9	20.0	4.7	30.0
Methacrylonitrile	Ave	0.1024	0.1015		198	200	-0.9	30.0
Tetrahydrofuran	Ave	0.8475	0.8226		38.8	40.0	-2.9	30.0
Chloroform	Ave	0.4133	0.4234	0.2000	20.5	20.0	2.4	30.0
1,1,1-Trichloroethane	Ave	0.3169	0.3260	0.1000	20.6	20.0	2.9	30.0
Cyclohexane	Ave	0.3562	0.3598	0.1000	20.2	20.0	1.0	30.0
Carbon tetrachloride	Ave	0.2392	0.2292	0.1000	19.2	20.0	-4.2	30.0
1,1-Dichloropropene	Ave	0.3097	0.3118		20.1	20.0	0.7	30.0
Benzene	Ave	1.378	1.382	0.5000	20.1	20.0	0.3	30.0
Isobutyl alcohol	Ave	0.2037	0.1751		430	500	-14.1	30.0
1,2-Dichloroethane	Ave	0.3182	0.3185	0.1000	20.0	20.0	0.1	30.0
Isooctane	Ave	0.9703	1.006		20.7	20.0	3.7	30.0
Isopropyl acetate	Ave	0.0894	0.0857		19.2	20.0	-4.1	30.0
Tert-amyl methyl ether	Ave	0.8623	0.8726		20.2	20.0	1.2	30.0
n-Heptane	Ave	0.3533	0.3520		19.9	20.0	-0.4	30.0
Trichloroethene	Ave	0.2332	0.2372	0.2000	20.3	20.0	1.7	30.0
n-Butanol	Ave	0.1010	0.0989		490	500	-2.1	30.0
Ethyl acrylate	Ave	0.6268	0.6250		19.9	20.0	-0.3	30.0
Methylcyclohexane	Ave	0.4204	0.4310	0.1000	20.5	20.0	2.5	30.0
1,2-Dichloropropane	Ave	0.2393	0.2493	0.1000	20.8	20.0	4.2	30.0
Dibromomethane	Ave	0.1461	0.1486		20.3	20.0	1.7	30.0
1,4-Dioxane	Ave	1.097	1.167		426	400	6.4	30.0
Methyl methacrylate	Ave	0.0566	0.0575		40.6	40.0	1.5	30.0
n-Propyl acetate	Ave	0.3092	0.2910		18.8	20.0	-5.9	30.0
Dichlorobromomethane	Ave	0.2658	0.2673	0.2000	20.1	20.0	0.5	30.0
2-Nitropropane	Ave	0.0467	0.0357		30.6	40.0	-23.6	30.0
2-Chloroethyl vinyl ether	Ave	0.1449	0.1262		17.4	20.0	-12.9	30.0
Epichlorohydrin	Ave	0.2166	0.1738		16.0	20.0	-19.8	30.0
cis-1,3-Dichloropropene	Ave	0.4985	0.4450	0.2000	17.9	20.0	-10.7	30.0
4-Methyl-2-pentanone (MIBK)	Ave	2.045	2.015	0.0500	98.5	100	-1.5	30.0
Toluene	Ave	1.364	1.323	0.4000	19.4	20.0	-3.0	30.0
trans-1,3-Dichloropropene	Ave	0.4030	0.3921	0.1000	19.5	20.0	-2.7	30.0
Ethyl methacrylate	Ave	0.2762	0.2679		19.4	20.0	-3.0	30.0
1,1,2-Trichloroethane	Ave	0.2454	0.2478	0.1000	20.2	20.0	1.0	30.0
Tetrachloroethene	Ave	0.2978	0.2908	0.2000	19.5	20.0	-2.3	30.0
1,3-Dichloropropane	Ave	0.4946	0.4762		19.3	20.0	-3.7	30.0
2-Hexanone	Ave	1.358	1.338	0.0500	98.5	100	-1.5	30.0
Chlorodibromomethane	Ave	0.2439	0.2242	0.1000	18.4	20.0	-8.1	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Lab Sample ID: ICV 460-992189/13 Calibration Date: 08/23/2024 18:55

Instrument ID: CVOAMS2 Calib Start Date: 08/23/2024 14:48

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/23/2024 16:52

Lab File ID: B14068.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Ethylene Dibromide	Ave	0.2710	0.2718	0.1000	20.1	20.0	0.3	30.0
n-Butyl acetate	Ave	0.5067	0.4526		17.9	20.0	-10.7	30.0
Chlorobenzene	Ave	0.8252	0.8125	0.5000	19.7	20.0	-1.5	30.0
1,1,1,2-Tetrachloroethane	Ave	0.2748	0.2640		19.2	20.0	-3.9	30.0
Ethylbenzene	Ave	0.4463	0.4424	0.1000	19.8	20.0	-0.9	30.0
m-Xylene & p-Xylene	Ave	0.5426	0.5467	0.1000	20.2	20.0	0.8	30.0
o-Xylene	Ave	0.5578	0.5704	0.3000	20.5	20.0	2.3	30.0
Styrene	Ave	0.9155	0.9250	0.3000	20.2	20.0	1.0	30.0
n-Butyl acrylate	Ave	0.2344	0.2296		19.6	20.0	-2.0	30.0
Bromoform	Ave	0.1366	0.1236	0.1000	18.1	20.0	-9.5	30.0
Amyl acetate (mixed isomers)	Ave	1.108	0.9673		17.5	20.0	-12.7	30.0
Isopropylbenzene	Ave	1.344	1.507	0.1000	22.4	20.0	12.1	30.0
Bromobenzene	Ave	0.6680	0.6489		19.4	20.0	-2.9	30.0
1,1,2,2-Tetrachloroethane	Ave	0.8323	0.7577	0.3000	18.2	20.0	-9.0	30.0
1,2,3-Trichloropropane	Ave	0.2253	0.2022		17.9	20.0	-10.3	30.0
trans-1,4-Dichloro-2-butene	Ave	0.2147	0.1905		17.7	20.0	-11.3	30.0
N-Propylbenzene	Ave	0.7135	0.7170		20.1	20.0	0.5	30.0
2-Chlorotoluene	Ave	0.6416	0.6346		19.8	20.0	-1.1	30.0
4-Ethyltoluene	Ave	2.724	2.641		19.4	20.0	-3.1	30.0
4-Chlorotoluene	Ave	2.334	2.311		19.8	20.0	-1.0	30.0
1,3,5-Trimethylbenzene	Ave	2.358	2.403		20.4	20.0	1.9	30.0
Butyl Methacrylate	Ave	0.7314	0.7091		19.4	20.0	-3.0	30.0
tert-Butylbenzene	Ave	1.909	1.871		19.6	20.0	-2.0	30.0
1,2,4-Trimethylbenzene	Ave	2.505	2.451		19.6	20.0	-2.2	30.0
sec-Butylbenzene	Ave	3.072	3.057		19.9	20.0	-0.5	30.0
1,3-Dichlorobenzene	Ave	1.292	1.261	0.6000	19.5	20.0	-2.4	30.0
4-Isopropyltoluene	Ave	2.541	2.517		19.8	20.0	-1.0	30.0
1,4-Dichlorobenzene	Ave	1.293	1.300	0.5000	20.1	20.0	0.5	30.0
1,2,3-Trimethylbenzene	Ave	2.706	2.633		19.5	20.0	-2.7	30.0
Benzyl chloride	QuaF		0.1446		12.7	20.0	-36.3*	30.0
Indan	Ave	0.8484	0.8717		20.5	20.0	2.7	30.0
1,2-Dichlorobenzene	Ave	1.279	1.270	0.4000	19.9	20.0	-0.7	30.0
p-Diethylbenzene	Ave	1.527	1.541		20.2	20.0	0.9	30.0
n-Butylbenzene	Ave	1.418	1.407		19.8	20.0	-0.8	30.0
1,2,4,5-Tetramethylbenzene	Ave	2.569	2.517		19.6	20.0	-2.0	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.1496	0.1281	0.0500	17.1	20.0	-14.4	30.0
1,3,5-Trichlorobenzene	Ave	1.071	1.014		18.9	20.0	-5.3	30.0
1,2,4-Trichlorobenzene	Ave	1.060	1.017	0.2000	19.2	20.0	-4.0	30.0
Hexachlorobutadiene	Ave	0.4608	0.4439		19.3	20.0	-3.7	30.0
Naphthalene	Ave	2.986	2.779		18.6	20.0	-6.9	30.0
1,2,3-Trichlorobenzene	Ave	1.054	0.9942		18.9	20.0	-5.7	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Lab Sample ID: ICV 460-992189/13 Calibration Date: 08/23/2024 18:55

Instrument ID: CVOAMS2 Calib Start Date: 08/23/2024 14:48

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/23/2024 16:52

Lab File ID: B14068.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dibromofluoromethane (Surr)	Ave	0.2563	0.2617		51.1	50.0	2.1	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3055	0.3044		49.8	50.0	-0.3	30.0
Toluene-d8 (Surr)	Ave	1.463	1.451		49.6	50.0	-0.8	30.0
4-Bromofluorobenzene	Ave	0.7594	0.7418		48.8	50.0	-2.3	30.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20240823-179979.b\B14068.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 23-Aug-2024 18:55:30 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ICV
Misc. Info.: 460-0179979-013
Operator ID: Instrument ID: CVOAMS2
Sublist:

Method: \\chromfs\Edison\ChromData\CVOAMS2\20240823-179979.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 23-Aug-2024 20:19:44 Calib Date: 23-Aug-2024 16:52:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20240823-179979.b\B14063.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1673

First Level Reviewer: NN6A Date: 23-Aug-2024 20:19:44

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Dichlorodifluoromethane	85	0.977	0.959	0.018	59	68886	20.0	14.9	
2 Chlorodifluoromethane	67	0.984	0.971	0.013	94	9614	20.0	17.6	
3 Chloromethane	50	1.093	1.081	0.012	100	81935	20.0	17.1	
4 Vinyl chloride	62	1.154	1.142	0.012	98	69547	20.0	20.0	
5 Butadiene	54	1.166	1.160	0.006	96	68853	20.0	20.1	
6 Bromomethane	94	1.355	1.343	0.012	99	47749	20.0	19.6	
7 Chloroethane	64	1.368	1.362	0.006	100	39083	20.0	20.1	
9 Dichlorofluoromethane	67	1.538	1.526	0.012	99	114371	20.0	21.2	
8 Pentane	43	1.551	1.538	0.013	94	147438	40.0	36.1	
10 Trichlorofluoromethane	101	1.569	1.557	0.012	96	57800	20.0	19.6	
12 Ethanol	46	1.709	1.685	0.024	69	10027	800.0	824.5	M
11 Ethyl ether	59	1.691	1.685	0.006	94	48077	20.0	20.3	
13 2-Methyl-1,3-butadiene	53	1.697	1.691	0.006	96	59101	20.0	20.2	
14 1,2-Dichloro-1,1,2-trifluoroetha	117	1.733	1.721	0.012	95	49993	20.0	21.6	
16 Acrolein	56	1.776	1.764	0.012	97	92669	296.3	183.2	
15 1,1,1-Trifluoro-2,2-dichloroetha	83	1.770	1.764	0.006	81	93059	20.0	22.5	a
17 1,1-Dichloroethene	96	1.843	1.831	0.012	98	57990	20.0	20.0	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.874	1.861	0.013	95	63188	20.0	21.0	
19 Acetone	43	1.886	1.880	0.006	94	106673	100.0	100.7	
20 Iodomethane	142	1.941	1.935	0.006	99	106306	20.0	20.2	
21 Carbon disulfide	76	1.977	1.965	0.012	99	259938	20.0	19.6	M
22 Isopropyl alcohol	45	2.038	2.002	0.036	96	44194	200.0	231.7	a
24 3-Chloro-1-propene	39	2.081	2.069	0.012	92	83988	20.0	21.1	
23 Acetonitrile	40	2.081	2.069	0.012	79	30980	200.0	185.1	
25 Methyl acetate	43	2.111	2.099	0.012	99	108586	40.0	41.5	
27 Methylene Chloride	84	2.172	2.160	0.012	93	75445	20.0	19.8	
* 28 TBA-d9 (IS)	65	2.252	2.258	-0.006	0	424613	1000.0	1000.0	
26 2-Methyl-2-propanol	59	2.313	2.307	0.007	91	88958	200.0	191.3	a
29 Acrylonitrile	53	2.355	2.343	0.012	94	257146	200.0	202.5	
30 trans-1,2-Dichloroethene	96	2.367	2.361	0.006	98	63601	20.0	20.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Methyl tert-butyl ether	73	2.392	2.386	0.006	97	197076	20.0	20.4	
32 Hexane	57	2.587	2.575	0.012	93	95324	20.0	20.0	
33 1,1-Dichloroethane	63	2.684	2.678	0.006	100	118862	20.0	20.8	
34 Vinyl acetate	86	2.758	2.739	0.019	100	16308	40.0	35.0	
35 2-Chloro-1,3-butadiene	88	2.758	2.752	0.006	92	56503	20.0	20.9	
36 Isopropyl ether	45	2.776	2.764	0.012	88	207236	20.0	20.8	
37 Tert-butyl ethyl ether	87	3.075	3.069	0.006	89	80712	20.0	20.3	
* 38 2-Butanone-d5	46	3.148	3.142	0.006	0	399559	250.0	250.0	
39 cis-1,2-Dichloroethene	96	3.172	3.160	0.012	93	70325	20.0	20.5	
40 2,2-Dichloropropane	79	3.178	3.166	0.012	74	25793	20.0	18.8	a
41 2-Butanone (MEK)	72	3.203	3.203	0.000	99	40362	100.0	96.8	
43 Ethyl acetate	43	3.209	3.227	-0.018	100	170076	40.0	48.7	M
42 Propionitrile	54	3.251	3.245	0.006	98	102408	200.0	195.2	
44 Methyl acrylate	55	3.294	3.282	0.012	98	73800	20.0	19.6	a
45 Chlorobromomethane	128	3.373	3.367	0.006	92	31926	20.0	20.9	
46 Methacrylonitrile	67	3.379	3.373	0.006	92	268123	200.0	198.3	
47 Tetrahydrofuran	42	3.434	3.428	0.006	76	52587	40.0	38.8	
48 Chloroform	83	3.459	3.453	0.006	99	111785	20.0	20.5	
$ 49 Dibromofluoromethane (Surr)	113	3.605	3.599	0.006	96	172730	50.0	51.1	
50 1,1,1-Trichloroethane	97	3.623	3.617	0.006	99	86072	20.0	20.6	
51 Cyclohexane	84	3.672	3.666	0.006	93	94999	20.0	20.2	
52 1,1-Dichloropropene	75	3.776	3.764	0.012	95	82320	20.0	20.1	
53 Carbon tetrachloride	117	3.770	3.770	0.000	73	60510	20.0	19.2	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	3.916	3.910	0.006	0	200940	50.0	49.8	
55 Benzene	78	3.965	3.959	0.006	97	249989	20.0	20.1	
56 Isobutyl alcohol	42	3.983	3.971	0.012	57	37168	500.0	429.7	
57 1,2-Dichloroethane	62	3.989	3.983	0.006	97	84102	20.0	20.0	
58 Isooctane	57	4.074	4.068	0.006	94	265688	20.0	20.7	
59 Isopropyl acetate	61	4.111	4.105	0.006	93	22636	20.0	19.2	
60 Tert-amyl methyl ether	73	4.117	4.111	0.006	90	230396	20.0	20.2	
* 61 Fluorobenzene	96	4.257	4.251	0.006	98	660078	50.0	50.0	
62 n-Heptane	43	4.288	4.282	0.006	93	92944	20.0	19.9	a
63 Trichloroethene	95	4.641	4.635	0.006	96	62615	20.0	20.3	
64 n-Butanol	43	4.678	4.666	0.012	88	20997	500.0	489.6	
65 Ethyl acrylate	55	4.843	4.843	0.000	91	165019	20.0	19.9	
66 Methylcyclohexane	83	4.849	4.843	0.006	96	113809	20.0	20.5	
67 1,2-Dichloropropane	63	4.879	4.879	0.000	93	65831	20.0	20.8	
68 Dibromomethane	93	5.007	5.001	0.006	96	39225	20.0	20.3	
* 69 1,4-Dioxane-d8	96	5.001	5.001	0.000	0	27008	1000.0	1000.0	
70 1,4-Dioxane	88	5.062	5.062	0.000	33	12607	400.0	425.6	
71 Methyl methacrylate	100	5.074	5.074	0.000	88	30345	40.0	40.6	
72 n-Propyl acetate	43	5.172	5.166	0.006	98	76826	20.0	18.8	
73 Dichlorobromomethane	83	5.214	5.208	0.006	99	70566	20.0	20.1	
74 2-Nitropropane	41	5.501	5.489	0.012	99	18836	40.0	30.6	
75 2-Chloroethyl vinyl ether	63	5.623	5.617	0.006	96	33308	20.0	17.4	
76 Epichlorohydrin	57	5.666	5.660	0.006	39	5555	20.0	16.0	Ma
77 cis-1,3-Dichloropropene	75	5.763	5.757	0.006	95	80498	20.0	17.9	
78 4-Methyl-2-pentanone (MIBK)	43	6.001	6.001	0.000	97	322076	100.0	98.5	
$ 79 Toluene-d8 (Surr)	98	6.086	6.086	0.000	99	656302	50.0	49.6	
80 Toluene	91	6.172	6.166	0.006	93	239314	20.0	19.4	
81 trans-1,3-Dichloropropene	75	6.501	6.495	0.006	98	70926	20.0	19.5	
82 Ethyl methacrylate	69	6.696	6.690	0.006	89	70747	20.0	19.4	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 1,1,2-Trichloroethane	83	6.726	6.720	0.006	95	44830	20.0	20.2	
84 Tetrachloroethene	166	6.873	6.867	0.006	96	52604	20.0	19.5	
85 1,3-Dichloropropane	76	6.921	6.921	0.000	95	86139	20.0	19.3	
86 2-Hexanone	43	7.092	7.086	0.006	95	213878	100.0	98.5	
87 Chlorodibromomethane	129	7.178	7.178	0.000	98	40544	20.0	18.4	
88 Ethylene Dibromide	107	7.275	7.269	0.006	99	49158	20.0	20.1	
89 n-Butyl acetate	43	7.281	7.275	0.006	99	81864	20.0	17.9	
* 90 Chlorobenzene-d5	117	7.781	7.781	0.000	88	452190	50.0	50.0	
91 Chlorobenzene	112	7.805	7.805	0.000	92	146955	20.0	19.7	
92 1,1,1,2-Tetrachloroethane	131	7.909	7.903	0.006	93	47747	20.0	19.2	
93 Ethylbenzene	106	7.946	7.940	0.006	99	80011	20.0	19.8	
94 m-Xylene & p-Xylene	106	8.061	8.061	0.000	0	98887	20.0	20.2	
95 o-Xylene	106	8.415	8.415	0.000	93	103173	20.0	20.5	
96 Styrene	104	8.427	8.427	0.000	94	167314	20.0	20.2	
97 n-Butyl acrylate	73	8.452	8.446	0.006	97	41527	20.0	19.6	
98 Bromoform	173	8.561	8.561	0.000	95	22359	20.0	18.1	
99 Amyl acetate (mixed isomers)	43	8.659	8.659	0.000	91	94084	20.0	17.5	
100 Isopropylbenzene	105	8.744	8.744	0.000	96	272597	20.0	22.4	
$ 101 4-Bromofluorobenzene	174	8.854	8.854	0.000	87	180388	50.0	48.8	
102 Bromobenzene	156	8.958	8.958	0.000	98	63114	20.0	19.4	
103 1,1,2,2-Tetrachloroethane	83	9.000	9.000	0.000	98	73704	20.0	18.2	
104 1,2,3-Trichloropropane	110	9.019	9.019	0.000	99	19669	20.0	17.9	
105 trans-1,4-Dichloro-2-butene	53	9.049	9.043	0.006	79	18533	20.0	17.7	
106 N-Propylbenzene	120	9.080	9.080	0.000	98	69744	20.0	20.1	
107 2-Chlorotoluene	126	9.128	9.128	0.000	96	61726	20.0	19.8	
108 4-Ethyltoluene	105	9.177	9.171	0.006	99	256902	20.0	19.4	
109 4-Chlorotoluene	91	9.214	9.214	0.000	99	224786	20.0	19.8	
110 1,3,5-Trimethylbenzene	105	9.226	9.226	0.000	91	233766	20.0	20.4	
111 Butyl Methacrylate	87	9.336	9.336	0.000	93	68975	20.0	19.4	
112 tert-Butylbenzene	119	9.476	9.470	0.006	92	181975	20.0	19.6	
113 1,2,4-Trimethylbenzene	105	9.506	9.506	0.000	98	238433	20.0	19.6	
114 sec-Butylbenzene	105	9.640	9.640	0.000	99	297344	20.0	19.9	
115 1,3-Dichlorobenzene	146	9.701	9.701	0.000	95	122645	20.0	19.5	
* 116 1,4-Dichlorobenzene-d4	152	9.750	9.750	0.000	98	243168	50.0	50.0	
117 4-Isopropyltoluene	119	9.756	9.756	0.000	98	244829	20.0	19.8	
118 1,4-Dichlorobenzene	146	9.768	9.768	0.000	95	126449	20.0	20.1	
119 1,2,3-Trimethylbenzene	105	9.817	9.817	0.000	99	256153	20.0	19.5	
120 Benzyl chloride	126	9.878	9.872	0.006	98	14062	20.0	12.7	
121 2,3-Dihydroindene	117	9.951	9.951	0.000	94	230148	20.0	20.5	
123 1,2-Dichlorobenzene	146	10.031	10.031	0.000	92	123547	20.0	19.9	
122 p-Diethylbenzene	119	10.037	10.037	0.000	90	149846	20.0	20.2	
124 n-Butylbenzene	92	10.049	10.049	0.000	97	136845	20.0	19.8	
125 1,2,4,5-Tetramethylbenzene	119	10.579	10.579	0.000	97	244837	20.0	19.6	
126 1,2-Dibromo-3-Chloropropane	157	10.585	10.585	0.000	93	12460	20.0	17.1	
127 1,3,5-Trichlorobenzene	180	10.732	10.732	0.000	96	98655	20.0	18.9	
128 1,2,4-Trichlorobenzene	180	11.152	11.152	0.000	94	98929	20.0	19.2	
129 Hexachlorobutadiene	225	11.274	11.274	0.000	94	43178	20.0	19.3	
130 Naphthalene	128	11.311	11.311	0.000	99	270288	20.0	18.6	
131 1,2,3-Trichlorobenzene	180	11.488	11.488	0.000	95	96704	20.0	18.9	
S 132 1,2-Dichloroethene, Total	100				0		40.0	41.1	
S 133 1,3-Dichloropropene, Total	100				0		40.0	37.3	
S 134 Xylenes, Total	100				0		40.0	40.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 Total BTEX	1				0		100.0	99.9	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

GAS C SP_00582	Amount Added:	2.00	Units: uL	
8260 SP_00183	Amount Added:	2.00	Units: uL	
7 Freons SS_00017	Amount Added:	2.00	Units: uL	
ACROLEIN SP_00168	Amount Added:	3.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00249	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 23-Aug-2024 20:19:44 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20240823-179979.b\B14068.D

Injection Date: 23-Aug-2024 18:55:30 Instrument ID: CVOAMS2 Operator ID:

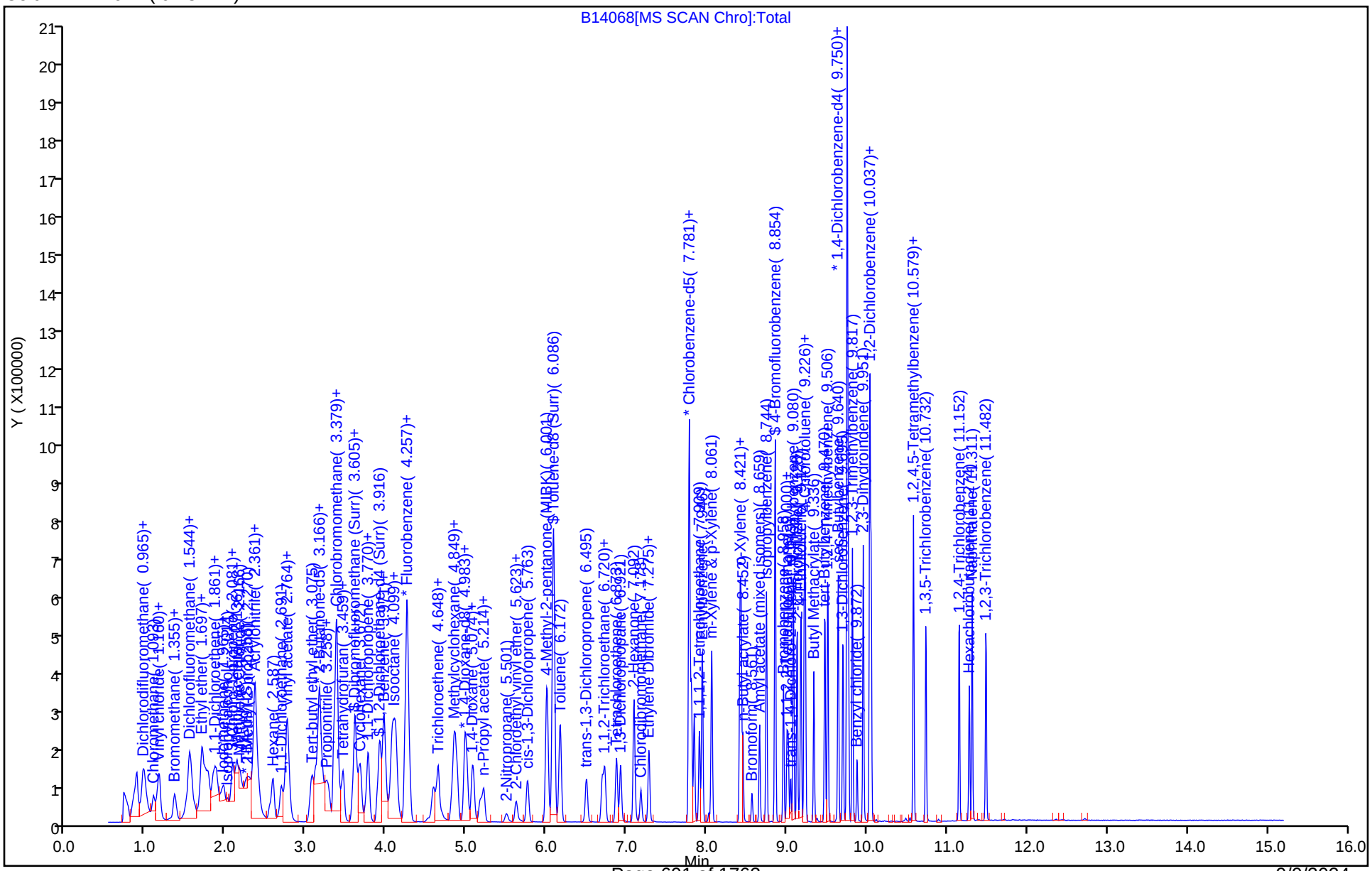
Lims ID: ICV Worklist Smp#: 13

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 12

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Lab Sample ID: CCVIS 460-993062/1 Calibration Date: 08/28/2024 20:12

Instrument ID: CVOAMS2 Calib Start Date: 08/23/2024 14:48

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/23/2024 16:52

Lab File ID: B14235.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.3494	0.3677	0.1000	21.0	20.0	5.2	20.0
Chlorodifluoromethane	Lin2		0.0449		21.8	20.0	8.9	20.0
Chloromethane	Ave	0.3631	0.3371	0.1000	18.6	20.0	-7.2	20.0
Vinyl chloride	Ave	0.2638	0.2714	0.1000	20.6	20.0	2.9	20.0
Butadiene	Ave	0.2593	0.2542		19.6	20.0	-2.0	20.0
Bromomethane	Ave	0.1841	0.1930	0.1000	21.0	20.0	4.8	50.0
Chloroethane	Ave	0.1476	0.1573	0.1000	21.3	20.0	6.5	50.0
Dichlorofluoromethane	Ave	0.4089	0.4802		23.5	20.0	17.4	20.0
Pentane	Ave	0.3093	0.2620		33.9	40.0	-15.3	20.0
Trichlorofluoromethane	Ave	0.2235	0.2649	0.1000	23.7	20.0	18.5	20.0
Ethanol	Ave	0.0286	0.0357		996	800	24.6	50.0
Ethyl ether	Lin2		0.1919		21.5	20.0	7.3	20.0
2-Methyl-1,3-butadiene	Ave	0.2217	0.1969		17.8	20.0	-11.2	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.1756	0.1960		22.3	20.0	11.6	20.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.3131	0.3635		23.2	20.0	16.1	20.0
Acrolein	Ave	1.191	1.140		287	300	-4.3	50.0
1,1-Dichloroethene	Ave	0.2201	0.2222	0.1000	20.2	20.0	0.9	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2283	0.2438	0.1000	21.4	20.0	6.8	20.0
Acetone	Qua2		0.5967	0.0500	89.5	100	-10.5	50.0
Iodomethane	Ave	0.3977	0.3929		19.8	20.0	-1.2	20.0
Carbon disulfide	Ave	1.002	0.8116	0.1000	16.2	20.0	-19.0	50.0
Isopropyl alcohol	Ave	0.4493	0.3130		139	200	-30.3	50.0
3-Chloro-1-propene	Ave	0.3014	0.2693		17.9	20.0	-10.6	20.0
Acetonitrile	Ave	0.3941	0.2395		122	200	-39.2*	20.0
Methyl acetate	Ave	0.1983	0.2145	0.1000	43.3	40.0	8.1	20.0
Methylene Chloride	Ave	0.2891	0.2817	0.1000	19.5	20.0	-2.6	20.0
2-Methyl-2-propanol	Ave	1.095	0.9281		169	200	-15.3	50.0
Acrylonitrile	Ave	2.990	2.271		152	200	-24.0*	20.0
trans-1,2-Dichloroethene	Ave	0.2345	0.2395	0.1000	20.4	20.0	2.1	20.0
MTBE	Ave	0.7304	0.7668	0.1000	21.0	20.0	5.0	20.0
Hexane	Ave	0.3614	0.3075		17.0	20.0	-14.9	20.0
1,1-Dichloroethane	Ave	0.4329	0.4440	0.2000	20.5	20.0	2.6	20.0
Vinyl acetate	Ave	0.2913	0.2653		36.4	40.0	-8.9	20.0
2-Chloro-1,3-butadiene	Ave	0.2048	0.2058		20.1	20.0	0.5	20.0
Isopropyl ether	Ave	0.7555	0.7252		19.2	20.0	-4.0	20.0
Tert-butyl ethyl ether	Ave	0.3018	0.3012		20.0	20.0	-0.2	20.0
cis-1,2-Dichloroethene	Ave	0.2595	0.2686	0.1000	20.7	20.0	3.5	20.0
2,2-Dichloropropane	Ave	0.1037	0.1014		19.6	20.0	-2.2	20.0
2-Butanone (MEK)	Ave	0.2609	0.2258	0.0500	86.5	100	-13.5	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Lab Sample ID: CCVIS 460-993062/1 Calibration Date: 08/28/2024 20:12

Instrument ID: CVOAMS2 Calib Start Date: 08/23/2024 14:48

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/23/2024 16:52

Lab File ID: B14235.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propionitrile	Ave	0.3282	0.2880		175	200	-12.3	20.0
Ethyl acetate	Ave	2.185	1.521		27.9	40.0	-30.4*	20.0
Methyl acrylate	Ave	0.2849	0.3331		23.4	20.0	16.9	20.0
Chlorobromomethane	Ave	0.1154	0.1297		22.5	20.0	12.4	20.0
Methacrylonitrile	Ave	0.1024	0.1179		230	200	15.1	20.0
Tetrahydrofuran	Ave	0.8475	0.6972		32.9	40.0	-17.7	20.0
Chloroform	Ave	0.4133	0.4321	0.2000	20.9	20.0	4.6	20.0
1,1,1-Trichloroethane	Ave	0.3169	0.3319	0.1000	20.9	20.0	4.7	20.0
Cyclohexane	Ave	0.3562	0.3320	0.1000	18.6	20.0	-6.8	50.0
1,1-Dichloropropene	Ave	0.3097	0.3106		20.1	20.0	0.3	20.0
Carbon tetrachloride	Ave	0.2392	0.2577	0.1000	21.5	20.0	7.7	20.0
Benzene	Ave	1.378	1.176	0.5000	17.1	20.0	-14.7	20.0
Isobutyl alcohol	Ave	0.2037	0.1626		399	500	-20.2	50.0
1,2-Dichloroethane	Ave	0.3182	0.3433	0.1000	21.6	20.0	7.9	20.0
Isooctane	Ave	0.9703	0.9381		19.3	20.0	-3.3	20.0
Isopropyl acetate	Ave	0.0894	0.0953		21.3	20.0	6.5	20.0
Tert-amyl methyl ether	Ave	0.8623	0.8947		20.8	20.0	3.8	20.0
n-Heptane	Ave	0.3533	0.3064		17.3	20.0	-13.3	20.0
Trichloroethene	Ave	0.2332	0.2337	0.2000	20.0	20.0	0.2	20.0
n-Butanol	Ave	0.1010	0.0833		412	500	-17.5	50.0
Ethyl acrylate	Ave	0.6268	0.6311		20.1	20.0	0.7	20.0
Methylcyclohexane	Ave	0.4204	0.4044	0.1000	19.2	20.0	-3.8	50.0
1,2-Dichloropropane	Ave	0.2393	0.2426	0.1000	20.3	20.0	1.4	20.0
Dibromomethane	Ave	0.1461	0.1587		21.7	20.0	8.6	20.0
1,4-Dioxane	Ave	1.097	1.002		366	400	-8.6	50.0
Methyl methacrylate	Ave	0.0566	0.0684		48.4	40.0	20.9*	20.0
n-Propyl acetate	Ave	0.3092	0.3415		22.1	20.0	10.4	20.0
Dichlorobromomethane	Ave	0.2658	0.2773	0.2000	20.9	20.0	4.3	20.0
2-Nitropropane	Ave	0.0467	0.0513		44.0	40.0	9.9	20.0
2-Chloroethyl vinyl ether	Ave	0.1449	0.1554		21.5	20.0	7.3	20.0
Epichlorohydrin	Ave	0.2166	0.1941		358	400	-10.4	20.0
cis-1,3-Dichloropropene	Ave	0.4985	0.4421	0.2000	17.7	20.0	-11.3	50.0
4-Methyl-2-pentanone (MIBK)	Ave	2.045	1.725	0.0500	84.3	100	-15.7	50.0
Toluene	Ave	1.364	1.165	0.4000	17.1	20.0	-14.6	20.0
trans-1,3-Dichloropropene	Ave	0.4030	0.3602	0.1000	17.9	20.0	-10.6	50.0
Ethyl methacrylate	Ave	0.2762	0.2885		20.9	20.0	4.4	20.0
1,1,2-Trichloroethane	Ave	0.2454	0.2340	0.1000	19.1	20.0	-4.7	20.0
Tetrachloroethene	Ave	0.2978	0.2743	0.2000	18.4	20.0	-7.9	20.0
1,3-Dichloropropane	Ave	0.4946	0.4573		18.5	20.0	-7.5	20.0
2-Hexanone	Ave	1.358	1.174	0.0500	86.5	100	-13.5	50.0
Chlorodibromomethane	Ave	0.2439	0.2404	0.1000	19.7	20.0	-1.4	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Lab Sample ID: CCVIS 460-993062/1 Calibration Date: 08/28/2024 20:12

Instrument ID: CVOAMS2 Calib Start Date: 08/23/2024 14:48

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/23/2024 16:52

Lab File ID: B14235.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Ethylene Dibromide	Ave	0.2710	0.2742	0.1000	20.2	20.0	1.2	20.0
n-Butyl acetate	Ave	0.5067	0.4443		17.5	20.0	-12.3	20.0
Chlorobenzene	Ave	0.8252	0.7679	0.5000	18.6	20.0	-7.0	20.0
1,1,1,2-Tetrachloroethane	Ave	0.2748	0.2499		18.2	20.0	-9.1	20.0
Ethylbenzene	Ave	0.4463	0.3925	0.1000	17.6	20.0	-12.1	20.0
m-Xylene & p-Xylene	Ave	0.5426	0.4794	0.1000	17.7	20.0	-11.6	20.0
o-Xylene	Ave	0.5578	0.4895	0.3000	17.5	20.0	-12.3	20.0
Styrene	Ave	0.9155	0.8460	0.3000	18.5	20.0	-7.6	20.0
n-Butyl acrylate	Ave	0.2344	0.2106		18.0	20.0	-10.1	20.0
Bromoform	Ave	0.1366	0.1499	0.1000	21.9	20.0	9.7	20.0
Amyl acetate (mixed isomers)	Ave	1.108	0.8386		15.1	20.0	-24.3*	20.0
Isopropylbenzene	Ave	1.344	1.215	0.1000	18.1	20.0	-9.6	20.0
Bromobenzene	Ave	0.6680	0.5734		17.2	20.0	-14.2	20.0
1,1,2,2-Tetrachloroethane	Ave	0.8323	0.7250	0.3000	17.4	20.0	-12.9	20.0
1,2,3-Trichloropropane	Ave	0.2253	0.2049		18.2	20.0	-9.1	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2147	0.1882		17.5	20.0	-12.3	20.0
N-Propylbenzene	Ave	0.7135	0.6065		17.0	20.0	-15.0	20.0
2-Chlorotoluene	Ave	0.6416	0.5562		17.3	20.0	-13.3	20.0
4-Ethyltoluene	Ave	2.724	2.296		16.9	20.0	-15.7	20.0
4-Chlorotoluene	Ave	2.334	1.978		16.9	20.0	-15.3	20.0
1,3,5-Trimethylbenzene	Ave	2.358	2.000		17.0	20.0	-15.2	20.0
Butyl Methacrylate	Ave	0.7314	0.5775		15.8	20.0	-21.0*	20.0
tert-Butylbenzene	Ave	1.909	1.633		17.1	20.0	-14.4	20.0
1,2,4-Trimethylbenzene	Ave	2.505	2.096		16.7	20.0	-16.4	20.0
sec-Butylbenzene	Ave	3.072	2.593		16.9	20.0	-15.6	20.0
1,3-Dichlorobenzene	Ave	1.292	1.140	0.6000	17.6	20.0	-11.8	20.0
4-Isopropyltoluene	Ave	2.541	2.232		17.6	20.0	-12.2	20.0
1,4-Dichlorobenzene	Ave	1.293	1.127	0.5000	17.4	20.0	-12.8	20.0
1,2,3-Trimethylbenzene	Ave	2.706	2.267		16.8	20.0	-16.2	20.0
Benzyl chloride	QuaF		0.1565		13.8	20.0	-31.0	50.0
Indan	Ave	0.8484	0.9116		21.5	20.0	7.5	20.0
1,2-Dichlorobenzene	Ave	1.279	1.147	0.4000	17.9	20.0	-10.4	20.0
p-Diethylbenzene	Ave	1.527	1.366		17.9	20.0	-10.5	20.0
n-Butylbenzene	Ave	1.418	1.255		17.7	20.0	-11.5	20.0
1,2,4,5-Tetramethylbenzene	Ave	2.569	2.145		16.7	20.0	-16.5	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1496	0.1426	0.0500	19.1	20.0	-4.6	50.0
1,3,5-Trichlorobenzene	Ave	1.071	0.9479		17.7	20.0	-11.5	20.0
1,2,4-Trichlorobenzene	Ave	1.060	0.9137	0.2000	17.2	20.0	-13.8	20.0
Hexachlorobutadiene	Ave	0.4608	0.4372		19.0	20.0	-5.1	20.0
Naphthalene	Ave	2.986	2.513		16.8	20.0	-15.8	50.0
1,2,3-Trichlorobenzene	Ave	1.054	0.9077		17.2	20.0	-13.9	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Lab Sample ID: CCVIS 460-993062/1 Calibration Date: 08/28/2024 20:12

Instrument ID: CVOAMS2 Calib Start Date: 08/23/2024 14:48

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 08/23/2024 16:52

Lab File ID: B14235.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dibromofluoromethane (Surr)	Ave	0.2563	0.3027		59.1	50.0	18.1	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3055	0.3629		59.4	50.0	18.8	20.0
Toluene-d8 (Surr)	Ave	1.463	1.435		49.0	50.0	-1.9	20.0
4-Bromofluorobenzene	Ave	0.7594	0.7396		48.7	50.0	-2.6	20.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20240828-180187.b\B14235.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 28-Aug-2024 20:12:30 ALS Bottle#: 1 Worklist Smp#: 1
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0180187-001
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260S_2*sub20

Method: \\chromfs\Edison\ChromData\CVOAMS2\20240828-180187.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 29-Aug-2024 10:38:31 Calib Date: 23-Aug-2024 16:52:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20240823-179979.b\B14063.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1681

First Level Reviewer: C1JX Date: 28-Aug-2024 21:34:38

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Dichlorodifluoromethane	85	0.978	0.978	0.000	77	79098	20.0	21.0	
2 Chlorodifluoromethane	67	0.990	0.990	0.000	94	9654	20.0	21.8	a
3 Chloromethane	50	1.099	1.099	0.000	99	72518	20.0	18.6	
4 Vinyl chloride	62	1.160	1.160	0.000	98	58388	20.0	20.6	
5 Butadiene	54	1.173	1.173	0.000	99	54680	20.0	19.6	
6 Bromomethane	94	1.362	1.362	0.000	99	41521	20.0	21.0	
7 Chloroethane	64	1.374	1.374	0.000	98	33832	20.0	21.3	
9 Dichlorofluoromethane	67	1.544	1.544	0.000	99	103307	20.0	23.5	
8 Pentane	43	1.551	1.551	0.000	93	112718	40.0	33.9	
10 Trichlorofluoromethane	101	1.575	1.575	0.000	97	56995	20.0	23.7	
12 Ethanol	46	1.685	1.685	0.000	81	14176	800.0	996.5	
11 Ethyl ether	59	1.691	1.691	0.000	82	41287	20.0	21.5	
13 2-Methyl-1,3-butadiene	53	1.703	1.703	0.000	97	42353	20.0	17.8	
14 1,2-Dichloro-1,1,2-trifluoroetha	117	1.746	1.746	0.000	97	42174	20.0	22.3	
15 1,1,1-Trifluoro-2,2-dichloroetha	83	1.782	1.782	0.000	67	78194	20.0	23.2	a
16 Acrolein	56	1.782	1.782	0.000	97	169863	300.0	287.2	
17 1,1-Dichloroethene	96	1.843	1.843	0.000	95	47798	20.0	20.2	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.886	1.886	0.000	84	52453	20.0	21.4	
19 Acetone	43	1.898	1.898	0.000	87	103502	100.0	89.5	
20 Iodomethane	142	1.947	1.947	0.000	99	84528	20.0	19.8	
21 Carbon disulfide	76	2.020	2.020	0.000	100	174616	20.0	16.2	M
22 Isopropyl alcohol	45	2.026	2.026	0.000	93	31090	200.0	139.3	M
24 3-Chloro-1-propene	39	2.087	2.087	0.000	93	57945	20.0	17.9	
23 Acetonitrile	40	2.093	2.093	0.000	79	23792	200.0	121.6	
25 Methyl acetate	43	2.118	2.118	0.000	99	92275	40.0	43.3	M
27 Methylene Chloride	84	2.185	2.185	0.000	88	60602	20.0	19.5	
* 28 TBA-d9 (IS)	65	2.258	2.258	0.000	0	496675	1000.0	1000.0	
26 2-Methyl-2-propanol	59	2.313	2.313	0.000	91	92197	200.0	169.5	a
29 Acrylonitrile	53	2.355	2.355	0.000	94	225630	200.0	151.9	
30 trans-1,2-Dichloroethene	96	2.367	2.367	0.000	97	51523	20.0	20.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Methyl tert-butyl ether	73	2.392	2.392	0.000	97	164974	20.0	21.0	
32 Hexane	57	2.587	2.587	0.000	92	66160	20.0	17.0	
33 1,1-Dichloroethane	63	2.691	2.691	0.000	100	95531	20.0	20.5	
34 Vinyl acetate	86	2.752	2.752	0.000	99	18410	40.0	36.4	
35 2-Chloro-1,3-butadiene	88	2.764	2.764	0.000	93	44268	20.0	20.1	
36 Isopropyl ether	45	2.776	2.776	0.000	85	156019	20.0	19.2	
37 Tert-butyl ethyl ether	87	3.081	3.081	0.000	89	64799	20.0	20.0	
* 38 2-Butanone-d5	46	3.154	3.154	0.000	0	433672	250.0	250.0	
39 cis-1,2-Dichloroethene	96	3.172	3.172	0.000	97	57790	20.0	20.7	
40 2,2-Dichloropropane	79	3.178	3.178	0.000	64	21814	20.0	19.6	a
41 2-Butanone (MEK)	72	3.209	3.209	0.000	98	39167	100.0	86.5	
42 Propionitrile	54	3.258	3.258	0.000	95	99919	200.0	175.5	
43 Ethyl acetate	43	3.270	3.270	0.000	99	105571	40.0	27.9	
44 Methyl acrylate	55	3.294	3.294	0.000	99	71667	20.0	23.4	
45 Chlorobromomethane	128	3.379	3.379	0.000	89	27909	20.0	22.5	
46 Methacrylonitrile	67	3.386	3.386	0.000	91	253683	200.0	230.2	
47 Tetrahydrofuran	42	3.447	3.447	0.000	75	48379	40.0	32.9	
48 Chloroform	83	3.465	3.465	0.000	99	92972	20.0	20.9	
$ 49 Dibromofluoromethane (Surr)	113	3.611	3.611	0.000	96	162798	50.0	59.1	
50 1,1,1-Trichloroethane	97	3.629	3.629	0.000	79	71402	20.0	20.9	
51 Cyclohexane	84	3.678	3.678	0.000	91	71424	20.0	18.6	
52 1,1-Dichloropropene	75	3.776	3.776	0.000	95	66812	20.0	20.1	
53 Carbon tetrachloride	117	3.776	3.776	0.000	69	55441	20.0	21.5	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	3.916	3.916	0.000	0	195198	50.0	59.4	
55 Benzene	78	3.971	3.971	0.000	97	199503	20.0	17.1	
56 Isobutyl alcohol	42	3.989	3.989	0.000	44	40378	500.0	399.1	a
57 1,2-Dichloroethane	62	3.995	3.995	0.000	98	73851	20.0	21.6	
58 Isooctane	57	4.081	4.081	0.000	94	201830	20.0	19.3	
59 Isopropyl acetate	61	4.111	4.111	0.000	95	20502	20.0	21.3	
60 Tert-amyl methyl ether	73	4.129	4.129	0.000	91	192478	20.0	20.8	
* 61 Fluorobenzene	96	4.263	4.263	0.000	98	537849	50.0	50.0	
62 n-Heptane	43	4.288	4.288	0.000	91	65924	20.0	17.3	
63 Trichloroethene	95	4.648	4.648	0.000	97	50287	20.0	20.0	
64 n-Butanol	43	4.678	4.678	0.000	91	20690	500.0	412.5	
65 Ethyl acrylate	55	4.843	4.843	0.000	97	135768	20.0	20.1	
66 Methylcyclohexane	83	4.861	4.861	0.000	95	86993	20.0	19.2	
67 1,2-Dichloropropane	63	4.885	4.885	0.000	93	52188	20.0	20.3	
68 Dibromomethane	93	5.013	5.013	0.000	97	34149	20.0	21.7	
* 69 1,4-Dioxane-d8	96	5.019	5.019	0.000	0	31921	1000.0	1000.0	
70 1,4-Dioxane	88	5.080	5.080	0.000	28	12799	400.0	365.6	
71 Methyl methacrylate	100	5.086	5.086	0.000	87	29447	40.0	48.4	
72 n-Propyl acetate	43	5.184	5.184	0.000	98	73464	20.0	22.1	
73 Dichlorobromomethane	83	5.221	5.221	0.000	99	59657	20.0	20.9	
74 2-Nitropropane	41	5.507	5.507	0.000	99	22085	40.0	44.0	
75 2-Chloroethyl vinyl ether	63	5.629	5.629	0.000	97	33517	20.0	21.5	
76 Epichlorohydrin	57	5.678	5.678	0.000	99	134664	400.0	358.4	
77 cis-1,3-Dichloropropene	75	5.769	5.769	0.000	94	75015	20.0	17.7	
78 4-Methyl-2-pentanone (MIBK)	43	6.013	6.013	0.000	96	299167	100.0	84.3	
$ 79 Toluene-d8 (Surr)	98	6.092	6.092	0.000	99	608749	50.0	49.0	
80 Toluene	91	6.178	6.178	0.000	94	197608	20.0	17.1	
81 trans-1,3-Dichloropropene	75	6.507	6.507	0.000	97	61112	20.0	17.9	
82 Ethyl methacrylate	69	6.702	6.702	0.000	89	62061	20.0	20.9	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 1,1,2-Trichloroethane	83	6.732	6.732	0.000	95	39702	20.0	19.1	
84 Tetrachloroethene	166	6.879	6.879	0.000	97	46537	20.0	18.4	
85 1,3-Dichloropropane	76	6.934	6.934	0.000	94	77600	20.0	18.5	
86 2-Hexanone	43	7.098	7.098	0.000	95	203723	100.0	86.5	
87 Chlorodibromomethane	129	7.184	7.184	0.000	98	40791	20.0	19.7	
88 Ethylene Dibromide	107	7.281	7.281	0.000	97	46525	20.0	20.2	
89 n-Butyl acetate	43	7.287	7.287	0.000	98	75389	20.0	17.5	
* 90 Chlorobenzene-d5	117	7.787	7.787	0.000	88	424210	50.0	50.0	
91 Chlorobenzene	112	7.812	7.812	0.000	94	130293	20.0	18.6	
92 1,1,1,2-Tetrachloroethane	131	7.909	7.909	0.000	93	42403	20.0	18.2	
93 Ethylbenzene	106	7.952	7.952	0.000	99	66598	20.0	17.6	
94 m-Xylene & p-Xylene	106	8.068	8.068	0.000	0	81352	20.0	17.7	
95 o-Xylene	106	8.415	8.415	0.000	93	83061	20.0	17.5	
96 Styrene	104	8.433	8.433	0.000	94	143549	20.0	18.5	
97 n-Butyl acrylate	73	8.452	8.452	0.000	97	35737	20.0	18.0	
98 Bromoform	173	8.567	8.567	0.000	95	25433	20.0	21.9	
99 Amyl acetate (mixed isomers)	43	8.665	8.665	0.000	93	80568	20.0	15.1	
100 Isopropylbenzene	105	8.750	8.750	0.000	96	206173	20.0	18.1	
$ 101 4-Bromofluorobenzene	174	8.860	8.860	0.000	89	177648	50.0	48.7	
102 Bromobenzene	156	8.964	8.964	0.000	98	55088	20.0	17.2	
103 1,1,2,2-Tetrachloroethane	83	9.006	9.006	0.000	98	69655	20.0	17.4	
104 1,2,3-Trichloropropane	110	9.019	9.019	0.000	98	19681	20.0	18.2	
105 trans-1,4-Dichloro-2-butene	53	9.049	9.049	0.000	80	18081	20.0	17.5	
106 N-Propylbenzene	120	9.086	9.086	0.000	99	58264	20.0	17.0	
107 2-Chlorotoluene	126	9.134	9.134	0.000	97	53431	20.0	17.3	
108 4-Ethyltoluene	105	9.177	9.177	0.000	99	220549	20.0	16.9	
109 4-Chlorotoluene	91	9.220	9.220	0.000	99	190036	20.0	16.9	
110 1,3,5-Trimethylbenzene	105	9.232	9.232	0.000	92	192187	20.0	17.0	
111 Butyl Methacrylate	87	9.342	9.342	0.000	92	55482	20.0	15.8	
112 tert-Butylbenzene	119	9.476	9.476	0.000	92	156893	20.0	17.1	
113 1,2,4-Trimethylbenzene	105	9.512	9.512	0.000	98	201328	20.0	16.7	
114 sec-Butylbenzene	105	9.647	9.647	0.000	99	249072	20.0	16.9	
115 1,3-Dichlorobenzene	146	9.701	9.701	0.000	95	109513	20.0	17.6	
* 116 1,4-Dichlorobenzene-d4	152	9.756	9.756	0.000	97	240179	50.0	50.0	
117 4-Isopropyltoluene	119	9.756	9.756	0.000	98	214411	20.0	17.6	
118 1,4-Dichlorobenzene	146	9.768	9.768	0.000	95	108287	20.0	17.4	
119 1,2,3-Trimethylbenzene	105	9.823	9.823	0.000	99	217775	20.0	16.8	
120 Benzyl chloride	126	9.878	9.878	0.000	97	15040	20.0	13.8	
121 2,3-Dihydroindene	117	9.957	9.957	0.000	94	196122	20.0	21.5	
123 1,2-Dichlorobenzene	146	10.037	10.037	0.000	91	110178	20.0	17.9	
122 p-Diethylbenzene	119	10.037	10.037	0.000	90	131222	20.0	17.9	
124 n-Butylbenzene	92	10.055	10.055	0.000	98	120537	20.0	17.7	
125 1,2,4,5-Tetramethylbenzene	119	10.579	10.579	0.000	97	206047	20.0	16.7	
126 1,2-Dibromo-3-Chloropropane	157	10.591	10.591	0.000	97	13704	20.0	19.1	
127 1,3,5-Trichlorobenzene	180	10.738	10.738	0.000	97	91068	20.0	17.7	
128 1,2,4-Trichlorobenzene	180	11.152	11.152	0.000	94	87783	20.0	17.2	
129 Hexachlorobutadiene	225	11.280	11.280	0.000	95	41998	20.0	19.0	
130 Naphthalene	128	11.317	11.317	0.000	99	241471	20.0	16.8	
131 1,2,3-Trichlorobenzene	180	11.488	11.488	0.000	94	87203	20.0	17.2	
S 132 1,2-Dichloroethene, Total	100				0		40.0	41.1	
S 133 1,3-Dichloropropene, Total	100				0		40.0	35.6	
S 134 Xylenes, Total	100				0		40.0	35.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 Total BTEX	1				0		100.0	86.9	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

8260MIX1COMB_00192	Amount Added:	2.00	Units: uL	
GASES Li_00600	Amount Added:	2.00	Units: uL	
524FREONS_00023	Amount Added:	2.00	Units: uL	
ACROLEIN W_00173	Amount Added:	3.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00249	Amount Added:	1.00	Units: uL	Run Reagent

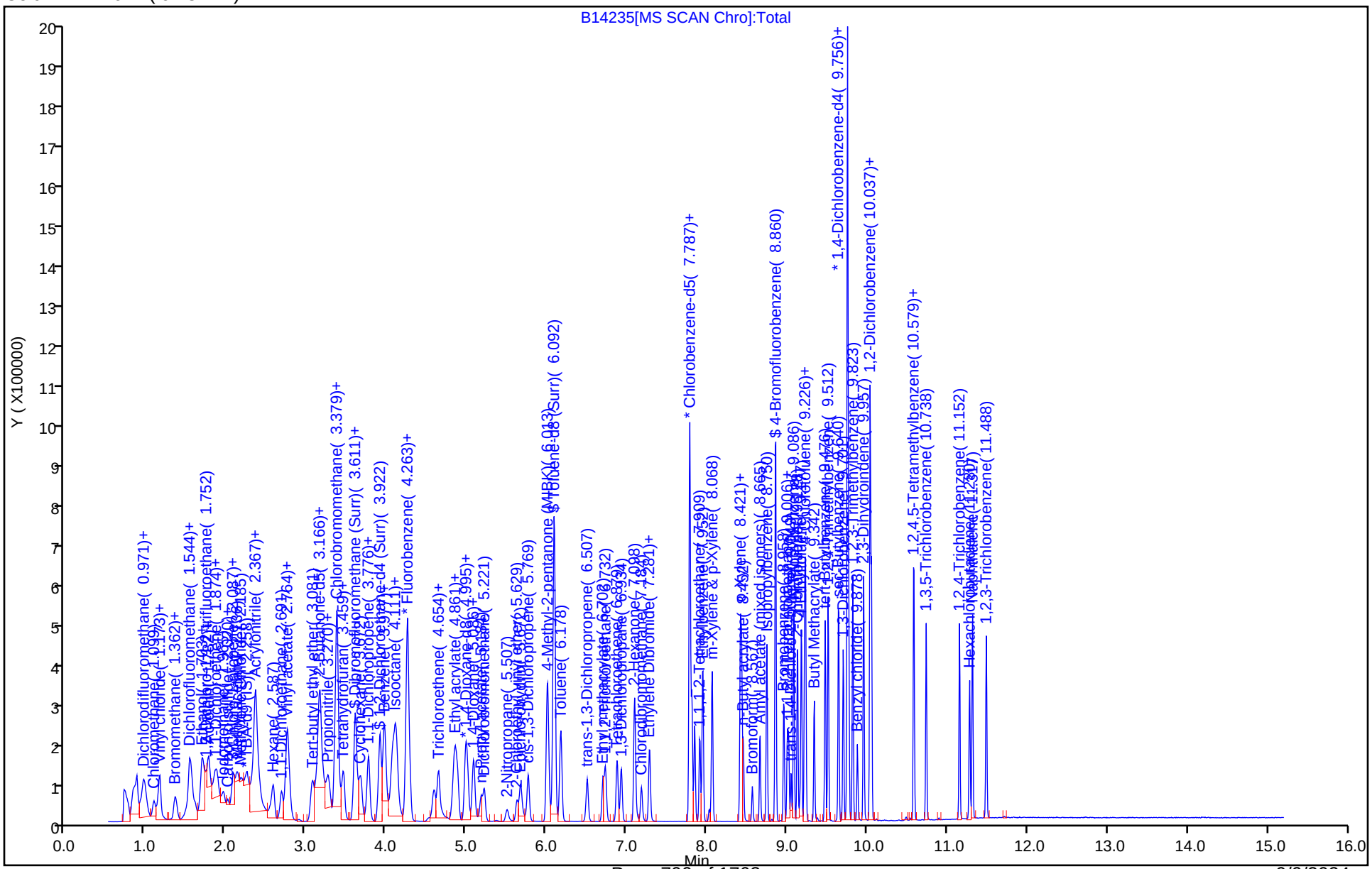
Report Date: 29-Aug-2024 10:38:32 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20240828-180187.b\B14235.D

Injection Date:	28-Aug-2024 20:12:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	CCVIS			Worklist Smp#:	1
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



9/9/2024
1:05:41 PM

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Lab Sample ID: ICV 460-991329/14 Calibration Date: 08/20/2024 04:36

Instrument ID: CVOAMS4 Calib Start Date: 08/19/2024 23:44

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 08/20/2024 03:01

Lab File ID: D18730.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	Ave	0.0798	0.0885		22.2	20.0	10.9	30.0
Dichlorodifluoromethane	Ave	0.4483	0.4424	0.1000	19.7	20.0	-1.3	30.0
Chlorodifluoromethane	Ave	0.4052	0.3076		15.2	20.0	-24.1	30.0
Chloromethane	Ave	0.3455	0.3386	0.1000	19.6	20.0	-2.0	30.0
Vinyl chloride	Ave	0.2313	0.2631	0.1000	22.7	20.0	13.7	30.0
Butadiene	Ave	0.2214	0.2682		24.2	20.0	21.1	30.0
Bromomethane	QuaF		2.963	0.1000	26.1	20.0	30.4*	30.0
Chloroethane	Ave	0.1999	0.2117	0.1000	21.2	20.0	5.9	30.0
Trichlorofluoromethane	Ave	0.4214	0.4294	0.1000	20.4	20.0	1.9	30.0
Dichlorofluoromethane	Ave	0.5308	0.5388		20.3	20.0	1.5	30.0
Pentane	Ave	0.0579	0.0498		34.4	40.0	-13.9	30.0
Ethanol	Ave	0.0613	0.0539		703	800	-12.1	30.0
Ethyl ether	Lin2		0.2187		19.5	20.0	-2.7	30.0
2-Methyl-1,3-butadiene	Ave	0.2361	0.2463		20.9	20.0	4.3	30.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.2177	0.2059		18.9	20.0	-5.4	30.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.3727	0.3592		19.3	20.0	-3.6	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2606	0.2607	0.1000	20.0	20.0	0.0	30.0
Acrolein	Ave	0.0530	0.0259		145	296	-51.1*	30.0
1,1-Dichloroethene	Ave	0.2364	0.2385	0.1000	20.2	20.0	0.9	30.0
Acetone	Ave	0.7220	0.6387	0.0500	88.5	100	-11.5	30.0
Iodomethane	Qua2		0.2121		17.8	20.0	-11.2	30.0
Carbon disulfide	Ave	0.8470	0.8712	0.1000	20.6	20.0	2.9	30.0
Isopropyl alcohol	Ave	0.7362	0.6343		172	200	-13.8	30.0
3-Chloro-1-propene	Ave	0.1244	0.1082		17.4	20.0	-13.0	30.0
Cyclopentene	Ave	0.5206	0.5234		20.1	20.0	0.5	30.0
Methyl acetate	Ave	0.1921	0.1846	0.1000	38.4	40.0	-3.9	30.0
Acetonitrile	Ave	0.0200	0.0182		182	200	-8.8	30.0
Methylene Chloride	Ave	0.2828	0.2598	0.1000	18.4	20.0	-8.1	30.0
2-Methyl-2-propanol	Ave	1.077	0.9878		183	200	-8.3	30.0
MTBE	Ave	0.6851	0.6729	0.1000	19.6	20.0	-1.8	30.0
trans-1,2-Dichloroethene	Ave	0.2655	0.2491	0.1000	18.8	20.0	-6.2	30.0
Acrylonitrile	Ave	3.060	2.902		190	200	-5.2	30.0
Hexane	Ave	0.4035	0.4206		20.8	20.0	4.2	30.0
Isopropyl ether	Ave	0.8222	0.8091		19.7	20.0	-1.6	30.0
1,1-Dichloroethane	Ave	0.4571	0.4566	0.2000	20.0	20.0	-0.1	30.0
Vinyl acetate	Ave	0.0524	0.0531		40.5	40.0	1.3	30.0
2-Chloro-1,3-butadiene	Ave	0.2079	0.2219		21.3	20.0	6.7	30.0
Tert-butyl ethyl ether	Ave	0.7565	0.7254		19.2	20.0	-4.1	30.0
2,2-Dichloropropane	Ave	0.1256	0.1179		18.8	20.0	-6.1	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Lab Sample ID: ICV 460-991329/14 Calibration Date: 08/20/2024 04:36

Instrument ID: CVOAMS4 Calib Start Date: 08/19/2024 23:44

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 08/20/2024 03:01

Lab File ID: D18730.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
cis-1,2-Dichloroethene	Ave	0.2689	0.2616	0.1000	19.5	20.0	-2.7	30.0
2-Butanone (MEK)	Lin2		0.2562	0.0500	95.2	100	-4.8	30.0
Ethyl acetate	Ave	0.2295	0.2315		40.4	40.0	0.9	30.0
Methyl acrylate	Ave	0.2304	0.2151		18.7	20.0	-6.6	30.0
Propionitrile	Ave	0.3211	0.2952		184	200	-8.1	30.0
Chlorobromomethane	Ave	0.1127	0.1050		18.6	20.0	-6.9	30.0
Tetrahydrofuran	Ave	0.3000	0.2703		36.0	40.0	-9.9	30.0
Methacrylonitrile	Ave	0.0952	0.0987		207	200	3.6	30.0
Chloroform	Ave	0.4282	0.4183	0.2000	19.5	20.0	-2.3	30.0
Cyclohexane	Ave	0.3688	0.3859	0.1000	20.9	20.0	4.6	30.0
1,1,1-Trichloroethane	Ave	0.3789	0.3701	0.1000	19.5	20.0	-2.3	30.0
Carbon tetrachloride	Ave	0.2902	0.2825	0.1000	19.5	20.0	-2.7	30.0
1,1-Dichloropropene	Ave	0.3625	0.3488		19.2	20.0	-3.8	30.0
Isobutyl alcohol	Ave	0.6816	0.6601		484	500	-3.2	30.0
Benzene	Ave	1.453	1.417	0.5000	19.5	20.0	-2.5	30.0
Tert-amyl methyl ether	Ave	0.2135	0.2078		19.5	20.0	-2.7	30.0
Isopropyl acetate	Ave	0.1363	0.1316		19.3	20.0	-3.4	30.0
1,2-Dichloroethane	Ave	0.3165	0.3094	0.1000	19.6	20.0	-2.2	30.0
n-Heptane	Ave	0.4224	0.4582		21.7	20.0	8.5	30.0
n-Butanol	Ave	0.2859	0.2606		456	500	-8.9	30.0
Trichloroethene	Ave	0.2623	0.2554	0.2000	19.5	20.0	-2.7	30.0
Methylcyclohexane	Ave	0.4422	0.4676	0.1000	21.1	20.0	5.7	30.0
Ethyl acrylate	Ave	0.3601	0.3246		18.0	20.0	-9.9	30.0
1,2-Dichloropropane	Ave	0.2642	0.2616	0.1000	19.8	20.0	-1.0	30.0
Methyl methacrylate	Ave	0.0636	0.0630		39.6	40.0	-1.0	30.0
1,4-Dioxane	Ave	1.128	1.105		392	400	-2.0	30.0
Dibromomethane	Ave	0.1538	0.1518		19.7	20.0	-1.3	30.0
n-Propyl acetate	Ave	0.3843	0.3639		18.9	20.0	-5.3	30.0
Dichlorobromomethane	Ave	0.3190	0.3182	0.2000	20.0	20.0	-0.2	30.0
2-Nitropropane	Ave	0.0715	0.0632		35.3	40.0	-11.6	30.0
2-Chloroethyl vinyl ether	QuaF		0.1432		26.7	20.0	33.7*	30.0
Epichlorohydrin	Ave	0.1698	0.1724		20.3	20.0	1.5	30.0
cis-1,3-Dichloropropene	Ave	0.6333	0.5648	0.2000	17.8	20.0	-10.8	30.0
4-Methyl-2-pentanone (MIBK)	Ave	2.176	2.133	0.0500	98.0	100	-2.0	30.0
Toluene	Ave	1.534	1.461	0.4000	19.0	20.0	-4.8	30.0
trans-1,3-Dichloropropene	Ave	0.5718	0.5451	0.1000	19.1	20.0	-4.7	30.0
Ethyl methacrylate	Ave	0.3335	0.3143		18.8	20.0	-5.8	30.0
1,1,2-Trichloroethane	Ave	0.2949	0.2690	0.1000	18.2	20.0	-8.8	30.0
Tetrachloroethene	Ave	0.3565	0.3357	0.2000	18.8	20.0	-5.8	30.0
1,3-Dichloropropane	Ave	0.5580	0.5221		18.7	20.0	-6.4	30.0
2-Hexanone	Ave	1.593	1.539	0.0500	96.6	100	-3.4	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Lab Sample ID: ICV 460-991329/14 Calibration Date: 08/20/2024 04:36

Instrument ID: CVOAMS4 Calib Start Date: 08/19/2024 23:44

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 08/20/2024 03:01

Lab File ID: D18730.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
n-Butyl acetate	Ave	0.1072	0.0988		18.4	20.0	-7.8	30.0
Chlorodibromomethane	Ave	0.3646	0.3367	0.1000	18.5	20.0	-7.7	30.0
Ethylene Dibromide	Ave	0.3363	0.3051	0.1000	18.1	20.0	-9.3	30.0
Chlorobenzene	Ave	0.9665	0.9140	0.5000	18.9	20.0	-5.4	30.0
Ethylbenzene	Ave	0.5034	0.4963	0.1000	19.7	20.0	-1.4	30.0
1,1,1,2-Tetrachloroethane	Ave	0.3368	0.3284		19.5	20.0	-2.5	30.0
m-Xylene & p-Xylene	Ave	0.6406	0.6265	0.1000	19.6	20.0	-2.2	30.0
n-Butyl acrylate	Ave	0.3013	0.2841		18.9	20.0	-5.7	30.0
o-Xylene	Ave	0.6015	0.5910	0.3000	19.6	20.0	-1.8	30.0
Styrene	Ave	1.040	1.005	0.3000	19.3	20.0	-3.3	30.0
Amyl acetate (mixed isomers)	Ave	1.305	1.267		19.4	20.0	-2.9	30.0
Bromoform	Ave	0.2431	0.2220	0.1000	18.3	20.0	-8.7	30.0
Isopropylbenzene	Ave	1.478	1.578	0.1000	21.4	20.0	6.8	30.0
Bromobenzene	Ave	0.7232	0.7077		19.6	20.0	-2.1	30.0
1,1,2,2-Tetrachloroethane	Ave	0.8542	0.8449	0.3000	19.8	20.0	-1.1	30.0
N-Propylbenzene	Ave	3.869	3.987		20.6	20.0	3.0	30.0
1,2,3-Trichloropropane	Ave	0.2385	0.2200		18.5	20.0	-7.7	30.0
trans-1,4-Dichloro-2-butene	Ave	0.2861	0.2708		18.9	20.0	-5.3	30.0
4-Ethyltoluene	Ave	2.927	3.078		21.0	20.0	5.1	30.0
2-Chlorotoluene	Ave	2.530	2.592		20.5	20.0	2.5	30.0
1,3,5-Trimethylbenzene	Ave	2.572	2.594		20.2	20.0	0.9	30.0
4-Chlorotoluene	Ave	2.393	2.400		20.1	20.0	0.3	30.0
Butyl Methacrylate	Ave	0.9459	0.9720		20.6	20.0	2.8	30.0
tert-Butylbenzene	Ave	2.216	2.208		19.9	20.0	-0.4	30.0
1,2,4-Trimethylbenzene	Ave	2.581	2.563		19.9	20.0	-0.7	30.0
sec-Butylbenzene	Ave	3.380	3.479		20.6	20.0	3.0	30.0
4-Isopropyltoluene	Ave	2.728	2.779		20.4	20.0	1.9	30.0
1,3-Dichlorobenzene	Ave	1.379	1.377	0.6000	20.0	20.0	-0.2	30.0
1,4-Dichlorobenzene	Ave	1.406	1.429	0.5000	20.3	20.0	1.6	30.0
1,2,3-Trimethylbenzene	Ave	2.629	2.686		20.4	20.0	2.2	30.0
Benzyl chloride	Ave	0.3502	0.3335		19.0	20.0	-4.8	30.0
Indan	Ave	0.9504	0.9631		20.3	20.0	1.3	30.0
p-Diethylbenzene	Ave	1.827	1.852		20.3	20.0	1.4	30.0
n-Butylbenzene	Ave	1.597	1.591		19.9	20.0	-0.4	30.0
1,2-Dichlorobenzene	Ave	1.350	1.325	0.4000	19.6	20.0	-1.9	30.0
1,2,4,5-Tetramethylbenzene	Ave	2.510	2.568		20.5	20.0	2.3	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.1857	0.1650	0.0500	17.8	20.0	-11.2	30.0
1,3,5-Trichlorobenzene	Ave	1.019	0.9929		19.5	20.0	-2.5	30.0
1,2,4-Trichlorobenzene	Ave	0.9179	0.9230	0.2000	20.1	20.0	0.6	30.0
Hexachlorobutadiene	Ave	0.4666	0.4594		19.7	20.0	-1.5	30.0
Naphthalene	Ave	2.451	2.380		19.4	20.0	-2.9	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Lab Sample ID: ICV 460-991329/14 Calibration Date: 08/20/2024 04:36

Instrument ID: CVOAMS4 Calib Start Date: 08/19/2024 23:44

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 08/20/2024 03:01

Lab File ID: D18730.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,3-Trichlorobenzene	Ave	0.8468	0.8113		19.2	20.0	-4.2	30.0
Dibromofluoromethane (Surr)	Ave	0.2270	0.2481		54.6	50.0	9.3	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2430	0.2674		55.0	50.0	10.1	30.0
Toluene-d8 (Surr)	Ave	1.244	1.289		51.8	50.0	3.6	30.0
4-Bromofluorobenzene	Ave	0.6598	0.6920		52.4	50.0	4.9	30.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20240819-179789.b\D18730.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 20-Aug-2024 04:36:30 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ICV
Misc. Info.: 460-0179789-014
Operator ID: Instrument ID: CVOAMS4
Sublist:

Method: \\chromfs\Edison\ChromData\CVOAMS4\20240819-179789.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 20-Aug-2024 19:33:32 Calib Date: 20-Aug-2024 03:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20240819-179789.b\D18726.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1644

First Level Reviewer: NN6A Date: 20-Aug-2024 18:59:13

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.356	1.356	0.000	91	24617	20.0	22.2	
2 Dichlorodifluoromethane	85	1.385	1.392	-0.007	99	123003	20.0	19.7	
3 Chlorodifluoromethane	51	1.435	1.435	0.000	98	85530	20.0	15.2	M
4 Chloromethane	50	1.607	1.607	0.000	99	94135	20.0	19.6	
5 Vinyl chloride	62	1.678	1.678	0.000	98	73158	20.0	22.7	
6 Butadiene	54	1.707	1.707	0.000	96	74563	20.0	24.2	
7 Bromomethane	94	2.001	2.001	0.000	94	25635	20.0	26.1	
8 Chloroethane	64	2.101	2.101	0.000	100	58850	20.0	21.2	
9 Trichlorofluoromethane	101	2.316	2.323	-0.007	82	119393	20.0	20.4	
10 Dichlorofluoromethane	67	2.323	2.323	0.000	96	149824	20.0	20.3	
11 Pentane	72	2.373	2.373	0.000	96	27696	40.0	34.4	
12 Ethanol	46	2.581	2.581	0.000	99	18643	800.0	703.2	
13 Ethyl ether	59	2.610	2.617	-0.007	97	60813	20.0	19.5	
14 2-Methyl-1,3-butadiene	53	2.624	2.624	0.000	98	68479	20.0	20.9	
15 1,2-Dichloro-1,1,2-trifluoroetha	117	2.674	2.681	-0.007	95	57249	20.0	18.9	
16 1,1,1-Trifluoro-2,2-dichloroetha	83	2.746	2.746	0.000	96	99870	20.0	19.3	
17 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.803	2.803	0.000	90	72497	20.0	20.0	
18 Acrolein	56	2.803	2.810	-0.007	96	106645	296.3	144.7	
19 1,1-Dichloroethene	96	2.839	2.839	0.000	98	66313	20.0	20.2	
20 Acetone	43	2.953	2.953	0.000	86	102751	100.0	88.5	
21 Iodomethane	142	3.004	3.004	0.000	99	58965	20.0	17.8	
22 Carbon disulfide	76	3.032	3.032	0.000	99	242241	20.0	20.6	
23 Isopropyl alcohol	45	3.082	3.082	0.000	98	54872	200.0	172.3	
24 3-Chloro-1-propene	76	3.218	3.226	-0.008	91	30080	20.0	17.4	
25 Cyclopentene	67	3.233	3.233	0.000	93	145530	20.0	20.1	
26 Methyl acetate	43	3.247	3.247	0.000	100	102634	40.0	38.4	M
27 Acetonitrile	40	3.304	3.304	0.000	99	50739	200.0	182.4	M
28 Methylene Chloride	84	3.369	3.376	-0.007	94	72251	20.0	18.4	
* 29 TBA-d9 (IS)	65	3.383	3.390	-0.007	0	432532	1000.0	1000.0	
30 2-Methyl-2-propanol	59	3.469	3.469	0.000	99	85451	200.0	183.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Methyl tert-butyl ether	73	3.569	3.569	0.000	97	187105	20.0	19.6	
32 trans-1,2-Dichloroethene	96	3.598	3.598	0.000	97	69257	20.0	18.8	
33 Acrylonitrile	53	3.691	3.691	0.000	94	251080	200.0	189.7	
34 Hexane	57	3.792	3.791	0.001	94	116936	20.0	20.8	
35 Isopropyl ether	45	4.057	4.064	-0.007	97	224976	20.0	19.7	
36 1,1-Dichloroethane	63	4.078	4.078	0.000	100	126955	20.0	20.0	
37 Vinyl acetate	86	4.114	4.121	-0.007	100	29523	40.0	40.5	
38 2-Chloro-1,3-butadiene	88	4.128	4.135	-0.007	91	61698	20.0	21.3	
39 Tert-butyl ethyl ether	59	4.443	4.443	0.000	89	201697	20.0	19.2	
40 2,2-Dichloropropane	79	4.673	4.672	0.001	90	32781	20.0	18.8	a
* 41 2-Butanone-d5	46	4.673	4.680	-0.007	95	402218	250.0	250.0	
42 cis-1,2-Dichloroethene	96	4.708	4.715	-0.007	98	72725	20.0	19.5	
43 2-Butanone (MEK)	72	4.744	4.744	0.000	98	41214	100.0	95.2	
44 Ethyl acetate	70	4.766	4.766	0.000	98	14896	40.0	40.4	
45 Methyl acrylate	55	4.816	4.823	-0.007	100	59808	20.0	18.7	
46 Propionitrile	54	4.902	4.902	0.000	98	95000	200.0	183.9	
47 Tetrahydrofuran	72	4.981	4.981	0.001	86	17396	40.0	36.0	
48 Chlorobromomethane	128	4.981	4.988	-0.007	94	29184	20.0	18.6	
49 Methacrylonitrile	67	5.024	5.031	-0.007	93	274360	200.0	207.3	
50 Chloroform	83	5.059	5.059	0.000	99	116302	20.0	19.5	
51 Cyclohexane	84	5.188	5.195	-0.007	93	107308	20.0	20.9	
52 1,1,1-Trichloroethane	97	5.217	5.217	0.000	98	102920	20.0	19.5	
$ 53 Dibromofluoromethane (Surr)	113	5.253	5.253	0.000	96	172438	50.0	54.6	
54 Carbon tetrachloride	117	5.360	5.360	0.000	98	78549	20.0	19.5	
55 1,1-Dichloropropene	75	5.403	5.410	-0.007	97	96990	20.0	19.2	
56 Isobutyl alcohol	43	5.611	5.611	0.000	93	142747	500.0	484.2	
57 Benzene	78	5.647	5.647	0.000	97	273027	20.0	19.5	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.675	5.675	0.000	99	185904	50.0	55.0	
59 Tert-amyl methyl ether	87	5.754	5.754	0.000	91	57791	20.0	19.5	
60 Isopropyl acetate	61	5.761	5.768	-0.007	99	36582	20.0	19.3	
61 1,2-Dichloroethane	62	5.769	5.768	0.000	97	86042	20.0	19.6	
62 n-Heptane	43	5.862	5.869	-0.007	95	127416	20.0	21.7	
* 63 Fluorobenzene	96	6.012	6.012	0.000	98	695129	50.0	50.0	
64 n-Butanol	56	6.435	6.435	0.000	90	56350	500.0	455.7	
65 Trichloroethene	95	6.442	6.449	-0.007	98	71004	20.0	19.5	
66 Methylcyclohexane	83	6.585	6.592	-0.007	96	130009	20.0	21.1	
67 Ethyl acrylate	55	6.628	6.635	-0.007	98	90267	20.0	18.0	
68 1,2-Dichloropropane	63	6.800	6.800	0.000	92	72728	20.0	19.8	
* 69 1,4-Dioxane-d8	96	6.872	6.872	0.000	0	38476	1000.0	1000.0	
70 Methyl methacrylate	100	6.922	6.922	0.000	91	35045	40.0	39.6	
71 1,4-Dioxane	88	6.936	6.936	0.000	90	17001	400.0	391.9	
72 Dibromomethane	93	6.943	6.943	0.000	96	42214	20.0	19.7	
73 n-Propyl acetate	43	6.986	6.993	-0.007	99	101178	20.0	18.9	
74 Dichlorobromomethane	83	7.122	7.122	0.000	99	88485	20.0	20.0	
75 2-Nitropropane	41	7.466	7.473	-0.007	100	35140	40.0	35.3	
76 2-Chloroethyl vinyl ether	63	7.480	7.480	0.000	96	39827	20.0	26.7	
77 Epichlorohydrin	57	7.574	7.574	0.000	98	5547	20.0	20.3	
78 cis-1,3-Dichloropropene	75	7.624	7.624	0.000	94	108850	20.0	17.8	
79 4-Methyl-2-pentanone (MIBK)	43	7.781	7.781	0.000	98	343120	100.0	98.0	
$ 80 Toluene-d8 (Surr)	98	7.839	7.846	-0.007	99	621082	50.0	51.8	
81 Toluene	91	7.910	7.910	0.000	93	281560	20.0	19.0	
82 trans-1,3-Dichloropropene	75	8.211	8.211	0.000	97	105058	20.0	19.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Ethyl methacrylate	69	8.240	8.247	-0.007	90	87383	20.0	18.8	
84 1,1,2-Trichloroethane	83	8.383	8.383	0.000	97	51854	20.0	18.2	
85 Tetrachloroethene	166	8.405	8.412	-0.008	94	64700	20.0	18.8	
86 1,3-Dichloropropane	76	8.541	8.541	0.000	94	100633	20.0	18.7	
87 2-Hexanone	43	8.591	8.591	0.000	98	247596	100.0	96.6	
88 n-Butyl acetate	73	8.677	8.677	0.000	98	19041	20.0	18.4	
89 Chlorodibromomethane	129	8.713	8.712	0.001	98	64890	20.0	18.5	
90 Ethylene Dibromide	107	8.820	8.820	0.000	98	58807	20.0	18.1	
* 91 Chlorobenzene-d5	117	9.200	9.200	0.000	88	481831	50.0	50.0	
92 Chlorobenzene	112	9.221	9.228	-0.007	95	176150	20.0	18.9	
93 Ethylbenzene	106	9.293	9.293	0.000	99	95646	20.0	19.7	
94 1,1,1,2-Tetrachloroethane	131	9.300	9.300	0.000	94	63293	20.0	19.5	
95 m-Xylene & p-Xylene	106	9.393	9.393	0.000	0	120739	20.0	19.6	
96 n-Butyl acrylate	73	9.694	9.694	0.000	96	54764	20.0	18.9	
97 o-Xylene	106	9.723	9.722	0.000	93	113896	20.0	19.6	
98 Styrene	104	9.744	9.744	0.000	93	193697	20.0	19.3	
99 Amyl acetate (mixed isomers)	43	9.873	9.873	0.000	89	124839	20.0	19.4	
100 Bromoform	173	9.916	9.916	0.000	94	42790	20.0	18.3	
101 Isopropylbenzene	105	10.002	10.002	0.000	96	304142	20.0	21.4	
$ 102 4-Bromofluorobenzene	174	10.159	10.167	-0.008	0	170400	50.0	52.4	
103 Bromobenzene	156	10.274	10.274	0.000	97	69713	20.0	19.6	
104 1,1,2,2-Tetrachloroethane	83	10.296	10.295	0.001	98	83228	20.0	19.8	
105 N-Propylbenzene	91	10.317	10.317	0.000	98	392695	20.0	20.6	
106 1,2,3-Trichloropropane	110	10.339	10.338	0.001	94	21675	20.0	18.5	
107 trans-1,4-Dichloro-2-butene	53	10.346	10.346	0.000	85	26679	20.0	18.9	
108 4-Ethyltoluene	105	10.403	10.410	-0.007	99	303180	20.0	21.0	
109 2-Chlorotoluene	91	10.410	10.410	0.000	96	255330	20.0	20.5	
110 1,3,5-Trimethylbenzene	105	10.453	10.453	0.000	94	255517	20.0	20.2	
111 4-Chlorotoluene	91	10.496	10.496	0.000	98	236411	20.0	20.1	
112 Butyl Methacrylate	87	10.518	10.518	0.000	91	95750	20.0	20.6	
113 tert-Butylbenzene	119	10.690	10.689	0.001	94	217468	20.0	19.9	
114 1,2,4-Trimethylbenzene	105	10.740	10.740	0.000	98	252428	20.0	19.9	
115 sec-Butylbenzene	105	10.854	10.854	0.000	99	342742	20.0	20.6	
116 4-Isopropyltoluene	119	10.955	10.954	0.001	97	273777	20.0	20.4	
117 1,3-Dichlorobenzene	146	10.969	10.969	0.000	92	135671	20.0	20.0	
* 118 1,4-Dichlorobenzene-d4	152	11.026	11.026	0.000	96	246260	50.0	50.0	
119 1,4-Dichlorobenzene	146	11.041	11.040	0.000	93	140731	20.0	20.3	
120 1,2,3-Trimethylbenzene	105	11.055	11.055	0.000	99	264575	20.0	20.4	
121 Benzyl chloride	126	11.148	11.148	0.000	98	32853	20.0	19.0	
122 2,3-Dihydroindene	117	11.205	11.205	0.000	93	267792	20.0	20.3	
123 p-Diethylbenzene	119	11.234	11.234	0.000	92	182461	20.0	20.3	
124 n-Butylbenzene	92	11.248	11.255	-0.007	96	156760	20.0	19.9	
125 1,2-Dichlorobenzene	146	11.320	11.320	0.000	94	130480	20.0	19.6	
126 1,2,4,5-Tetramethylbenzene	119	11.836	11.836	0.000	97	252941	20.0	20.5	
127 1,2-Dibromo-3-Chloropropane	157	11.943	11.950	-0.007	96	16255	20.0	17.8	
128 1,3,5-Trichlorobenzene	180	12.065	12.072	-0.007	96	97800	20.0	19.5	
129 1,2,4-Trichlorobenzene	180	12.674	12.674	0.000	94	90922	20.0	20.1	
130 Hexachlorobutadiene	225	12.781	12.781	0.000	89	45251	20.0	19.7	
131 Naphthalene	128	12.953	12.953	0.000	99	234487	20.0	19.4	
132 1,2,3-Trichlorobenzene	180	13.225	13.225	0.000	94	79914	20.0	19.2	
S 133 1,2-Dichloroethene, Total	100				0		40.0	38.2	
S 134 1,3-Dichloropropene, Total	100				0		40.0	36.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 Xylenes, Total	100				0		40.0	39.2	
S 136 Total BTEX	1				0		100.0	97.5	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

ACROLEIN SP_00168	Amount Added:	3.00	Units: uL	
7 Freons SS_00017	Amount Added:	2.00	Units: uL	
GAS C SP_00581	Amount Added:	2.00	Units: uL	
8260 SP_00183	Amount Added:	2.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00249	Amount Added:	1.00	Units: uL	Run Reagent

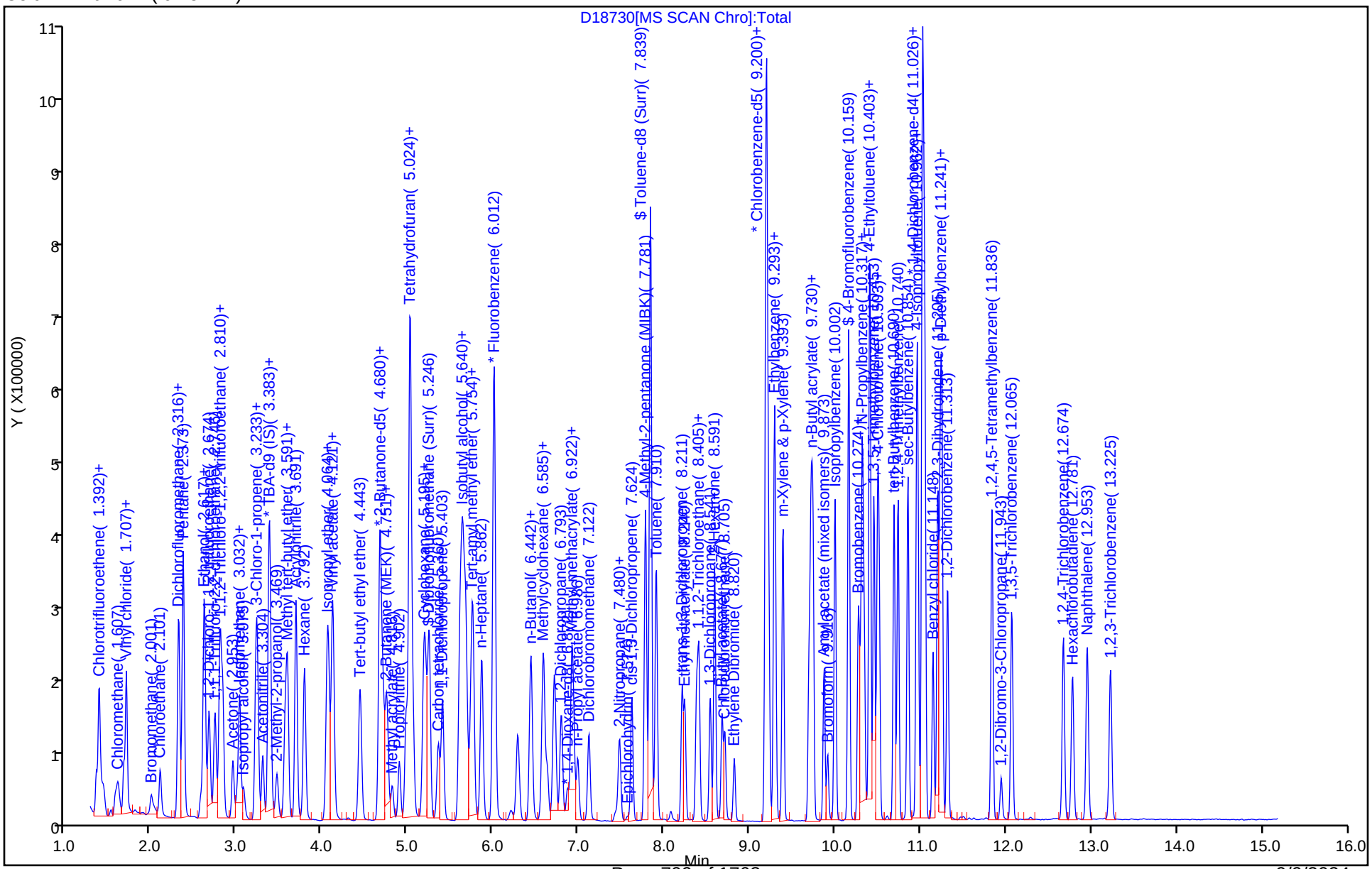
Report Date: 20-Aug-2024 19:33:33 Chrom Revision: 2.3 16-Jul-2024 14:17:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20240819-179789.b\D18730.D

Injection Date:	20-Aug-2024 04:36:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	ICV			Worklist Smp#:	14
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	13
Method:	8260S_4	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



9/9/2024
1:05:41 PM

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Lab Sample ID: CCVIS 460-992235/1 Calibration Date: 08/23/2024 19:53

Instrument ID: CVOAMS4 Calib Start Date: 08/19/2024 23:44

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 08/20/2024 03:01

Lab File ID: D18944.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	Ave	0.0798	0.0000		0.460	20.0	-100.0*	20.0
Dichlorodifluoromethane	Ave	0.4483	0.7758	0.1000	34.6	20.0	73.0*	20.0
Chlorodifluoromethane	Ave	0.4052	0.7997		39.5	20.0	97.4*	20.0
Chloromethane	Ave	0.3455	0.5245	0.1000	30.4	20.0	51.8*	20.0
Vinyl chloride	Ave	0.2313	0.3893	0.1000	33.7	20.0	68.3*	20.0
Butadiene	Ave	0.2214	0.3683		33.3	20.0	66.3*	20.0
Bromomethane	QuaF		3.257	0.1000	28.7	20.0	43.3	50.0
Chloroethane	Ave	0.1999	0.2822	0.1000	28.2	20.0	41.2	50.0
Dichlorofluoromethane	Ave	0.5308	0.6766		25.5	20.0	27.5*	20.0
Trichlorofluoromethane	Ave	0.4214	0.5069	0.1000	24.1	20.0	20.3*	20.0
Pentane	Ave	0.0579	0.0588		40.7	40.0	1.6	20.0
Ethanol	Ave	0.0613	0.0568		741	800	-7.4	50.0
Ethyl ether	Lin2		0.2362		21.1	20.0	5.4	20.0
2-Methyl-1,3-butadiene	Ave	0.2361	0.2802		23.7	20.0	18.7	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.2177	0.2492		22.9	20.0	14.4	20.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.3727	0.4414		23.7	20.0	18.4	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2606	0.2763	0.1000	21.2	20.0	6.0	20.0
Acrolein	Ave	0.0530	0.0459		260	300	-13.5	50.0
1,1-Dichloroethene	Ave	0.2364	0.2556	0.1000	21.6	20.0	8.1	20.0
Acetone	Ave	0.7220	0.5918	0.0500	82.0	100	-18.0	50.0
Iodomethane	Qua2		0.2438		20.3	20.0	1.7	20.0
Carbon disulfide	Ave	0.8470	0.7761	0.1000	18.3	20.0	-8.4	50.0
Isopropyl alcohol	Ave	0.7362	0.6498		177	200	-11.7	50.0
3-Chloro-1-propene	Ave	0.1244	0.1484		23.9	20.0	19.3	20.0
Cyclopentene	Ave	0.5206	0.5825		22.4	20.0	11.9	20.0
Methyl acetate	Ave	0.1921	0.1886	0.1000	39.3	40.0	-1.8	20.0
Acetonitrile	Ave	0.0200	0.0189		189	200	-5.6	20.0
Methylene Chloride	Ave	0.2828	0.2860	0.1000	20.2	20.0	1.1	20.0
2-Methyl-2-propanol	Ave	1.077	0.997		185	200	-7.5	50.0
MTBE	Ave	0.6851	0.7304	0.1000	21.3	20.0	6.6	20.0
trans-1,2-Dichloroethene	Ave	0.2655	0.2689	0.1000	20.3	20.0	1.3	20.0
Acrylonitrile	Ave	3.060	3.052		199	200	-0.3	20.0
Hexane	Ave	0.4035	0.4404		21.8	20.0	9.2	20.0
Isopropyl ether	Ave	0.8222	0.8941		21.7	20.0	8.7	20.0
1,1-Dichloroethane	Ave	0.4571	0.5107	0.2000	22.3	20.0	11.7	20.0
Vinyl acetate	Ave	0.0524	0.0512		39.1	40.0	-2.3	20.0
2-Chloro-1,3-butadiene	Ave	0.2079	0.2412		23.2	20.0	16.0	20.0
Tert-butyl ethyl ether	Ave	0.7565	0.8166		21.6	20.0	7.9	20.0
2,2-Dichloropropane	Ave	0.1256	0.1352		21.5	20.0	7.7	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison | Job No.: 460-309671-1

SDG No.:

Lab Sample ID: CCVIS 460-992235/1 | Calibration Date: 08/23/2024 19:53

Instrument ID: CVOAMS4 | Calib Start Date: 08/19/2024 23:44

GC Column: Rtx-624 ID: 0.25(mm) | Calib End Date: 08/20/2024 03:01

Lab File ID: D18944.D | Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
cis-1,2-Dichloroethene	Ave	0.2689	0.2851	0.1000	21.2	20.0	6.0	20.0
2-Butanone (MEK)	Lin2		0.2396	0.0500	88.8	100	-11.2	50.0
Ethyl acetate	Ave	0.2295	0.2427		42.3	40.0	5.8	20.0
Methyl acrylate	Ave	0.2304	0.2196		19.1	20.0	-4.7	20.0
Propionitrile	Ave	0.3211	0.3156		197	200	-1.7	20.0
Tetrahydrofuran	Ave	0.3000	0.2808		37.4	40.0	-6.4	20.0
Chlorobromomethane	Ave	0.1127	0.1189		21.1	20.0	5.4	20.0
Methacrylonitrile	Ave	0.0952	0.1052		221	200	10.5	20.0
Chloroform	Ave	0.4282	0.4705	0.2000	22.0	20.0	9.9	20.0
Cyclohexane	Ave	0.3688	0.4076	0.1000	22.1	20.0	10.5	50.0
1,1,1-Trichloroethane	Ave	0.3789	0.3990	0.1000	21.1	20.0	5.3	20.0
Carbon tetrachloride	Ave	0.2902	0.3266	0.1000	22.5	20.0	12.5	20.0
1,1-Dichloropropene	Ave	0.3625	0.3859		21.3	20.0	6.4	20.0
Isobutyl alcohol	Ave	0.6816	0.6722		493	500	-1.4	50.0
Benzene	Ave	1.453	1.461	0.5000	20.1	20.0	0.6	20.0
Tert-amyl methyl ether	Ave	0.2135	0.2232		20.9	20.0	4.5	20.0
1,2-Dichloroethane	Ave	0.3165	0.3247	0.1000	20.5	20.0	2.6	20.0
Isopropyl acetate	Ave	0.1363	0.1366		20.1	20.0	0.3	20.0
n-Heptane	Ave	0.4224	0.4632		21.9	20.0	9.7	20.0
n-Butanol	Ave	0.2859	0.2667		466	500	-6.7	50.0
Trichloroethene	Ave	0.2623	0.2709	0.2000	20.7	20.0	3.3	20.0
Methylcyclohexane	Ave	0.4422	0.4841	0.1000	21.9	20.0	9.5	50.0
Ethyl acrylate	Ave	0.3601	0.3325		18.5	20.0	-7.7	20.0
1,2-Dichloropropane	Ave	0.2642	0.2963	0.1000	22.4	20.0	12.2	20.0
Methyl methacrylate	Ave	0.0636	0.0621		39.0	40.0	-2.4	20.0
1,4-Dioxane	Ave	1.128	1.096		389	400	-2.8	50.0
Dibromomethane	Ave	0.1538	0.1646		21.4	20.0	7.0	20.0
n-Propyl acetate	Ave	0.3843	0.3742		19.5	20.0	-2.6	20.0
Dichlorobromomethane	Ave	0.3190	0.3265	0.2000	20.5	20.0	2.4	20.0
2-Nitropropane	Ave	0.0715	0.0599		33.5	40.0	-16.2	20.0
2-Chloroethyl vinyl ether	QuaF		0.1462		27.4	20.0	36.5*	20.0
Epichlorohydrin	Ave	0.1698	0.1901		448	400	12.0	20.0
cis-1,3-Dichloropropene	Ave	0.6333	0.6087	0.2000	19.2	20.0	-3.9	50.0
4-Methyl-2-pentanone (MIBK)	Ave	2.176	2.150	0.0500	98.8	100	-1.2	50.0
Toluene	Ave	1.534	1.557	0.4000	20.3	20.0	1.4	20.0
trans-1,3-Dichloropropene	Ave	0.5718	0.5245	0.1000	18.3	20.0	-8.3	50.0
Ethyl methacrylate	Ave	0.3335	0.3276		19.6	20.0	-1.8	20.0
1,1,2-Trichloroethane	Ave	0.2949	0.2800	0.1000	19.0	20.0	-5.1	20.0
Tetrachloroethene	Ave	0.3565	0.3265	0.2000	18.3	20.0	-8.4	20.0
1,3-Dichloropropane	Ave	0.5580	0.5426		19.4	20.0	-2.8	20.0
2-Hexanone	Ave	1.593	1.482	0.0500	93.0	100	-7.0	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Lab Sample ID: CCVIS 460-992235/1 Calibration Date: 08/23/2024 19:53

Instrument ID: CVOAMS4 Calib Start Date: 08/19/2024 23:44

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 08/20/2024 03:01

Lab File ID: D18944.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
n-Butyl acetate	Ave	0.1072	0.0923		17.2	20.0	-13.8	20.0
Chlorodibromomethane	Ave	0.3646	0.3199	0.1000	17.5	20.0	-12.3	50.0
Ethylene Dibromide	Ave	0.3363	0.3082	0.1000	18.3	20.0	-8.4	20.0
Chlorobenzene	Ave	0.9665	0.9456	0.5000	19.6	20.0	-2.2	20.0
Ethylbenzene	Ave	0.5034	0.5164	0.1000	20.5	20.0	2.6	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3368	0.3201		19.0	20.0	-5.0	20.0
m-Xylene & p-Xylene	Ave	0.6406	0.6346	0.1000	19.8	20.0	-0.9	20.0
n-Butyl acrylate	Ave	0.3013	0.2728		18.1	20.0	-9.5	20.0
o-Xylene	Ave	0.6015	0.6226	0.3000	20.7	20.0	3.5	20.0
Styrene	Ave	1.040	1.041	0.3000	20.0	20.0	0.2	20.0
Amyl acetate (mixed isomers)	Ave	1.305	1.216		18.6	20.0	-6.8	20.0
Bromoform	Ave	0.2431	0.1811	0.1000	14.9	20.0	-25.5*	20.0
Isopropylbenzene	Ave	1.478	1.481	0.1000	20.0	20.0	0.2	20.0
Bromobenzene	Ave	0.7232	0.6719		18.6	20.0	-7.1	20.0
1,1,2,2-Tetrachloroethane	Ave	0.8542	0.8295	0.3000	19.4	20.0	-2.9	20.0
N-Propylbenzene	Ave	3.869	4.052		20.9	20.0	4.7	20.0
1,2,3-Trichloropropane	Ave	0.2385	0.2236		18.8	20.0	-6.2	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2861	0.2515		17.6	20.0	-12.1	20.0
2-Chlorotoluene	Ave	2.530	2.615		20.7	20.0	3.4	20.0
4-Ethyltoluene	Ave	2.927	3.116		21.3	20.0	6.5	20.0
1,3,5-Trimethylbenzene	Ave	2.572	2.541		19.8	20.0	-1.2	20.0
4-Chlorotoluene	Ave	2.393	2.411		20.2	20.0	0.8	20.0
Butyl Methacrylate	Ave	0.9459	0.9138		19.3	20.0	-3.4	20.0
tert-Butylbenzene	Ave	2.216	2.230		20.1	20.0	0.6	20.0
1,2,4-Trimethylbenzene	Ave	2.581	2.620		20.3	20.0	1.5	20.0
sec-Butylbenzene	Ave	3.380	3.524		20.9	20.0	4.3	20.0
4-Isopropyltoluene	Ave	2.728	2.811		20.6	20.0	3.1	20.0
1,3-Dichlorobenzene	Ave	1.379	1.372	0.6000	19.9	20.0	-0.6	20.0
1,4-Dichlorobenzene	Ave	1.406	1.379	0.5000	19.6	20.0	-1.9	20.0
1,2,3-Trimethylbenzene	Ave	2.629	2.794		21.3	20.0	6.3	20.0
Benzyl chloride	Ave	0.3502	0.2944		16.8	20.0	-15.9	50.0
Indan	Ave	0.9504	1.024		21.6	20.0	7.8	20.0
p-Diethylbenzene	Ave	1.827	1.887		20.7	20.0	3.3	20.0
n-Butylbenzene	Ave	1.597	1.670		20.9	20.0	4.6	20.0
1,2-Dichlorobenzene	Ave	1.350	1.273	0.4000	18.9	20.0	-5.7	20.0
1,2,4,5-Tetramethylbenzene	Ave	2.510	2.595		20.7	20.0	3.4	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1857	0.1442	0.0500	15.5	20.0	-22.4	50.0
1,3,5-Trichlorobenzene	Ave	1.019	0.9400		18.5	20.0	-7.7	20.0
1,2,4-Trichlorobenzene	Ave	0.9179	0.8222	0.2000	17.9	20.0	-10.4	20.0
Hexachlorobutadiene	Ave	0.4666	0.3808		16.3	20.0	-18.4	20.0
Naphthalene	Ave	2.451	2.279		18.6	20.0	-7.0	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Lab Sample ID: CCVIS 460-992235/1 Calibration Date: 08/23/2024 19:53

Instrument ID: CVOAMS4 Calib Start Date: 08/19/2024 23:44

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 08/20/2024 03:01

Lab File ID: D18944.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,3-Trichlorobenzene	Ave	0.8468	0.7573		17.9	20.0	-10.6	20.0
Dibromofluoromethane (Surr)	Ave	0.2270	0.2156		47.5	50.0	-5.0	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2430	0.2330		48.0	50.0	-4.1	20.0
Toluene-d8 (Surr)	Ave	1.244	1.108		44.5	50.0	-11.0	20.0
4-Bromofluorobenzene	Ave	0.6598	0.5621		42.6	50.0	-14.8	20.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20240823-179985.b\D18944.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 23-Aug-2024 19:53:30 ALS Bottle#: 1 Worklist Smp#: 1
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0179985-001
Operator ID: Instrument ID: CVOAMS4
Sublist: chrom-8260S_4*sub48

Method: \\chromfs\Edison\ChromData\CVOAMS4\20240823-179985.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 23-Aug-2024 23:20:03 Calib Date: 20-Aug-2024 03:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20240819-179789.b\D18726.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1616

First Level Reviewer: HVW2 Date: 23-Aug-2024 23:20:03

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.340	1.326	0.014	96	0	20.0	0	a
2 Dichlorodifluoromethane	85	1.378	1.378	0.000	100	191195	20.0	34.6	
3 Chlorodifluoromethane	51	1.421	1.421	0.000	99	197099	20.0	39.5	
4 Chloromethane	50	1.585	1.585	0.000	100	129266	20.0	30.4	
5 Vinyl chloride	62	1.664	1.664	0.000	99	95951	20.0	33.7	
6 Butadiene	54	1.693	1.693	0.000	96	90767	20.0	33.3	
7 Bromomethane	94	1.986	1.986	0.000	96	24232	20.0	28.7	
8 Chloroethane	64	2.087	2.087	0.000	99	69553	20.0	28.2	
9 Trichlorofluoromethane	101	2.302	2.302	0.000	98	124935	20.0	24.1	
10 Dichlorofluoromethane	67	2.302	2.302	0.000	99	166754	20.0	25.5	
11 Pentane	72	2.359	2.359	0.000	97	28993	40.0	40.7	
12 Ethanol	46	2.559	2.559	0.000	96	16893	800.0	740.8	
13 Ethyl ether	59	2.595	2.595	0.000	96	58214	20.0	21.1	
14 2-Methyl-1,3-butadiene	53	2.602	2.602	0.000	98	69068	20.0	23.7	
15 1,2-Dichloro-1,1,2-trifluoroetha	117	2.660	2.660	0.000	96	61407	20.0	22.9	
16 1,1,1-Trifluoro-2,2-dichloroetha	83	2.724	2.724	0.000	98	108796	20.0	23.7	
17 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.782	2.782	0.000	87	68099	20.0	21.2	
18 Acrolein	56	2.789	2.789	0.000	96	169551	300.0	259.6	
19 1,1-Dichloroethene	96	2.817	2.817	0.000	98	62985	20.0	21.6	
20 Acetone	43	2.932	2.932	0.000	88	84922	100.0	82.0	
21 Iodomethane	142	2.982	2.982	0.000	99	60086	20.0	20.3	
22 Carbon disulfide	76	3.011	3.011	0.000	100	191271	20.0	18.3	
23 Isopropyl alcohol	45	3.061	3.061	0.000	98	48352	200.0	176.5	
24 3-Chloro-1-propene	76	3.197	3.197	0.000	88	36580	20.0	23.9	
25 Cyclopentene	67	3.211	3.211	0.000	95	143559	20.0	22.4	
26 Methyl acetate	43	3.226	3.226	0.000	100	92983	40.0	39.3	
27 Acetonitrile	40	3.283	3.283	0.000	99	46567	200.0	188.9	
28 Methylene Chloride	84	3.347	3.347	0.000	94	70484	20.0	20.2	
* 29 TBA-d9 (IS)	65	3.362	3.362	0.000	0	372035	1000.0	1000.0	
30 2-Methyl-2-propanol	59	3.448	3.448	0.000	99	74171	200.0	185.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Methyl tert-butyl ether	73	3.548	3.548	0.000	97	180004	20.0	21.3	
32 trans-1,2-Dichloroethene	96	3.569	3.569	0.000	98	66279	20.0	20.3	
33 Acrylonitrile	53	3.670	3.670	0.000	94	227060	200.0	199.4	
34 Hexane	57	3.770	3.770	0.000	94	108537	20.0	21.8	
35 Isopropyl ether	45	4.035	4.035	0.000	97	220370	20.0	21.7	
36 1,1-Dichloroethane	63	4.057	4.057	0.000	100	125873	20.0	22.3	
37 Vinyl acetate	86	4.092	4.092	0.000	100	25234	40.0	39.1	
38 2-Chloro-1,3-butadiene	88	4.107	4.107	0.000	91	59443	20.0	23.2	
39 Tert-butyl ethyl ether	59	4.415	4.415	0.000	88	201250	20.0	21.6	
40 2,2-Dichloropropane	79	4.644	4.644	0.000	94	33332	20.0	21.5	
* 41 2-Butanone-d5	46	4.651	4.651	0.000	92	358745	250.0	250.0	
42 cis-1,2-Dichloroethene	96	4.687	4.687	0.000	98	70258	20.0	21.2	
43 2-Butanone (MEK)	72	4.716	4.716	0.000	99	34389	100.0	88.8	
44 Ethyl acetate	70	4.737	4.737	0.000	98	13929	40.0	42.3	
45 Methyl acrylate	55	4.794	4.794	0.000	100	54129	20.0	19.1	
46 Propionitrile	54	4.873	4.873	0.000	98	90569	200.0	196.6	
47 Tetrahydrofuran	72	4.952	4.952	0.000	88	16119	40.0	37.4	
48 Chlorobromomethane	128	4.959	4.959	0.000	95	29295	20.0	21.1	
49 Methacrylonitrile	67	5.002	5.002	0.000	93	259360	200.0	221.0	
50 Chloroform	83	5.031	5.031	0.000	98	115967	20.0	22.0	
51 Cyclohexane	84	5.167	5.167	0.000	93	100468	20.0	22.1	
52 1,1,1-Trichloroethane	97	5.188	5.188	0.000	99	98344	20.0	21.1	
$ 53 Dibromofluoromethane (Surr)	113	5.224	5.224	0.000	95	132847	50.0	47.5	
54 Carbon tetrachloride	117	5.332	5.332	0.000	98	80496	20.0	22.5	
55 1,1-Dichloropropene	75	5.382	5.382	0.000	97	95103	20.0	21.3	
56 Isobutyl alcohol	43	5.582	5.582	0.000	89	125046	500.0	493.1	
57 Benzene	78	5.618	5.618	0.000	97	260817	20.0	20.1	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.647	5.647	0.000	99	143575	50.0	48.0	
59 Tert-amyl methyl ether	87	5.726	5.726	0.000	91	55009	20.0	20.9	
60 Isopropyl acetate	61	5.740	5.740	0.000	99	33675	20.0	20.1	
61 1,2-Dichloroethane	62	5.740	5.740	0.000	95	80028	20.0	20.5	
62 n-Heptane	43	5.840	5.840	0.000	95	114161	20.0	21.9	
* 63 Fluorobenzene	96	5.983	5.983	0.000	98	616146	50.0	50.0	
64 n-Butanol	56	6.406	6.406	0.000	86	49609	500.0	466.4	
65 Trichloroethene	95	6.413	6.413	0.000	98	66771	20.0	20.7	
66 Methylcyclohexane	83	6.556	6.556	0.000	95	119311	20.0	21.9	
67 Ethyl acrylate	55	6.607	6.607	0.000	98	81959	20.0	18.5	
68 1,2-Dichloropropane	63	6.771	6.771	0.000	93	73019	20.0	22.4	
* 69 1,4-Dioxane-d8	96	6.843	6.843	0.000	0	35534	1000.0	1000.0	
70 Methyl methacrylate	100	6.893	6.893	0.000	90	30608	40.0	39.0	
71 1,4-Dioxane	88	6.907	6.907	0.000	88	15578	400.0	388.8	
72 Dibromomethane	93	6.915	6.915	0.000	93	40555	20.0	21.4	
73 n-Propyl acetate	43	6.965	6.965	0.000	99	92221	20.0	19.5	
74 Dichlorobromomethane	83	7.094	7.094	0.000	99	80476	20.0	20.5	
75 2-Nitropropane	41	7.445	7.445	0.000	98	29529	40.0	33.5	
76 2-Chloroethyl vinyl ether	63	7.459	7.459	0.000	88	36112	20.0	27.4	
77 Epichlorohydrin	57	7.552	7.552	0.000	99	109105	400.0	447.9	
78 cis-1,3-Dichloropropene	75	7.602	7.602	0.000	93	108658	20.0	19.2	
79 4-Methyl-2-pentanone (MIBK)	43	7.760	7.760	0.000	98	308559	100.0	98.8	
$ 80 Toluene-d8 (Surr)	98	7.817	7.817	0.000	98	494291	50.0	44.5	
81 Toluene	91	7.889	7.889	0.000	92	277885	20.0	20.3	
82 trans-1,3-Dichloropropene	75	8.190	8.190	0.000	97	93628	20.0	18.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Ethyl methacrylate	69	8.225	8.225	0.000	89	80742	20.0	19.6	
84 1,1,2-Trichloroethane	83	8.362	8.362	0.000	94	49993	20.0	19.0	
85 Tetrachloroethene	166	8.383	8.383	0.000	92	58284	20.0	18.3	
86 1,3-Dichloropropane	76	8.519	8.519	0.000	94	96858	20.0	19.4	
87 2-Hexanone	43	8.569	8.569	0.000	97	212601	100.0	93.0	
88 n-Butyl acetate	73	8.662	8.662	0.000	98	16480	20.0	17.2	
89 Chlorodibromomethane	129	8.691	8.691	0.000	97	57118	20.0	17.5	
90 Ethylene Dibromide	107	8.798	8.798	0.000	98	55027	20.0	18.3	
* 91 Chlorobenzene-d5	117	9.178	9.178	0.000	89	446307	50.0	50.0	
92 Chlorobenzene	112	9.207	9.207	0.000	94	168813	20.0	19.6	
93 Ethylbenzene	106	9.271	9.271	0.000	99	92190	20.0	20.5	
94 1,1,1,2-Tetrachloroethane	131	9.286	9.286	0.000	94	57146	20.0	19.0	
95 m-Xylene & p-Xylene	106	9.372	9.372	0.000	0	113287	20.0	19.8	
96 n-Butyl acrylate	73	9.680	9.680	0.000	97	48696	20.0	18.1	
97 o-Xylene	106	9.701	9.701	0.000	94	111144	20.0	20.7	
98 Styrene	104	9.723	9.723	0.000	95	185906	20.0	20.0	
99 Amyl acetate (mixed isomers)	43	9.859	9.859	0.000	90	111355	20.0	18.6	
100 Bromoform	173	9.894	9.894	0.000	92	32339	20.0	14.9	
101 Isopropylbenzene	105	9.980	9.980	0.000	96	264380	20.0	20.0	
$ 102 4-Bromofluorobenzene	174	10.145	10.145	0.000	0	128666	50.0	42.6	
103 Bromobenzene	156	10.253	10.253	0.000	94	61520	20.0	18.6	
104 1,1,2,2-Tetrachloroethane	83	10.281	10.281	0.000	98	75954	20.0	19.4	
105 N-Propylbenzene	91	10.303	10.303	0.000	99	371019	20.0	20.9	
106 1,2,3-Trichloropropane	110	10.324	10.324	0.000	94	20473	20.0	18.8	
107 trans-1,4-Dichloro-2-butene	53	10.331	10.331	0.000	82	23031	20.0	17.6	
108 4-Ethyltoluene	105	10.389	10.389	0.000	99	285351	20.0	21.3	
109 2-Chlorotoluene	91	10.389	10.389	0.000	95	239466	20.0	20.7	
110 1,3,5-Trimethylbenzene	105	10.439	10.439	0.000	92	232691	20.0	19.8	
111 4-Chlorotoluene	91	10.482	10.482	0.000	98	220765	20.0	20.2	
112 Butyl Methacrylate	87	10.503	10.503	0.000	93	83676	20.0	19.3	
113 tert-Butylbenzene	119	10.675	10.675	0.000	92	204226	20.0	20.1	
114 1,2,4-Trimethylbenzene	105	10.725	10.725	0.000	98	239902	20.0	20.3	
115 sec-Butylbenzene	105	10.840	10.840	0.000	99	322707	20.0	20.9	
116 4-Isopropyltoluene	119	10.940	10.940	0.000	97	257373	20.0	20.6	
117 1,3-Dichlorobenzene	146	10.955	10.955	0.000	92	125599	20.0	19.9	
* 118 1,4-Dichlorobenzene-d4	152	11.012	11.012	0.000	96	228913	50.0	50.0	
119 1,4-Dichlorobenzene	146	11.026	11.026	0.000	92	126300	20.0	19.6	
120 1,2,3-Trimethylbenzene	105	11.033	11.033	0.000	99	255826	20.0	21.3	
121 Benzyl chloride	126	11.134	11.134	0.000	98	26961	20.0	16.8	
122 2,3-Dihydroindene	117	11.184	11.184	0.000	94	252496	20.0	21.6	
123 p-Diethylbenzene	119	11.220	11.220	0.000	92	172799	20.0	20.7	
124 n-Butylbenzene	92	11.234	11.234	0.000	96	152923	20.0	20.9	
125 1,2-Dichlorobenzene	146	11.298	11.298	0.000	93	116591	20.0	18.9	
126 1,2,4,5-Tetramethylbenzene	119	11.821	11.821	0.000	97	237632	20.0	20.7	
127 1,2-Dibromo-3-Chloropropane	157	11.929	11.929	0.000	95	13205	20.0	15.5	
128 1,3,5-Trichlorobenzene	180	12.051	12.051	0.000	95	86067	20.0	18.5	
129 1,2,4-Trichlorobenzene	180	12.652	12.652	0.000	94	75282	20.0	17.9	
130 Hexachlorobutadiene	225	12.760	12.760	0.000	86	34867	20.0	16.3	
131 Naphthalene	128	12.932	12.932	0.000	99	208689	20.0	18.6	
132 1,2,3-Trichlorobenzene	180	13.204	13.204	0.000	93	69344	20.0	17.9	
S 133 1,2-Dichloroethene, Total	100				0		40.0	41.5	
S 134 1,3-Dichloropropene, Total	100				0		40.0	37.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 Xylenes, Total	100				0		40.0	40.5	
S 136 Total BTEX	1				0		100.0	101.4	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

8260MIX1COMB_00192	Amount Added:	2.00	Units: uL	
ACROLEIN W_00172	Amount Added:	3.00	Units: uL	
524FREONS_00022	Amount Added:	2.00	Units: uL	
GASES Li_00599	Amount Added:	2.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00249	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 23-Aug-2024 23:20:03 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20240823-179985.b\D18944.D

Injection Date: 23-Aug-2024 19:53:30 Instrument ID: CVOAMS4 Operator ID:

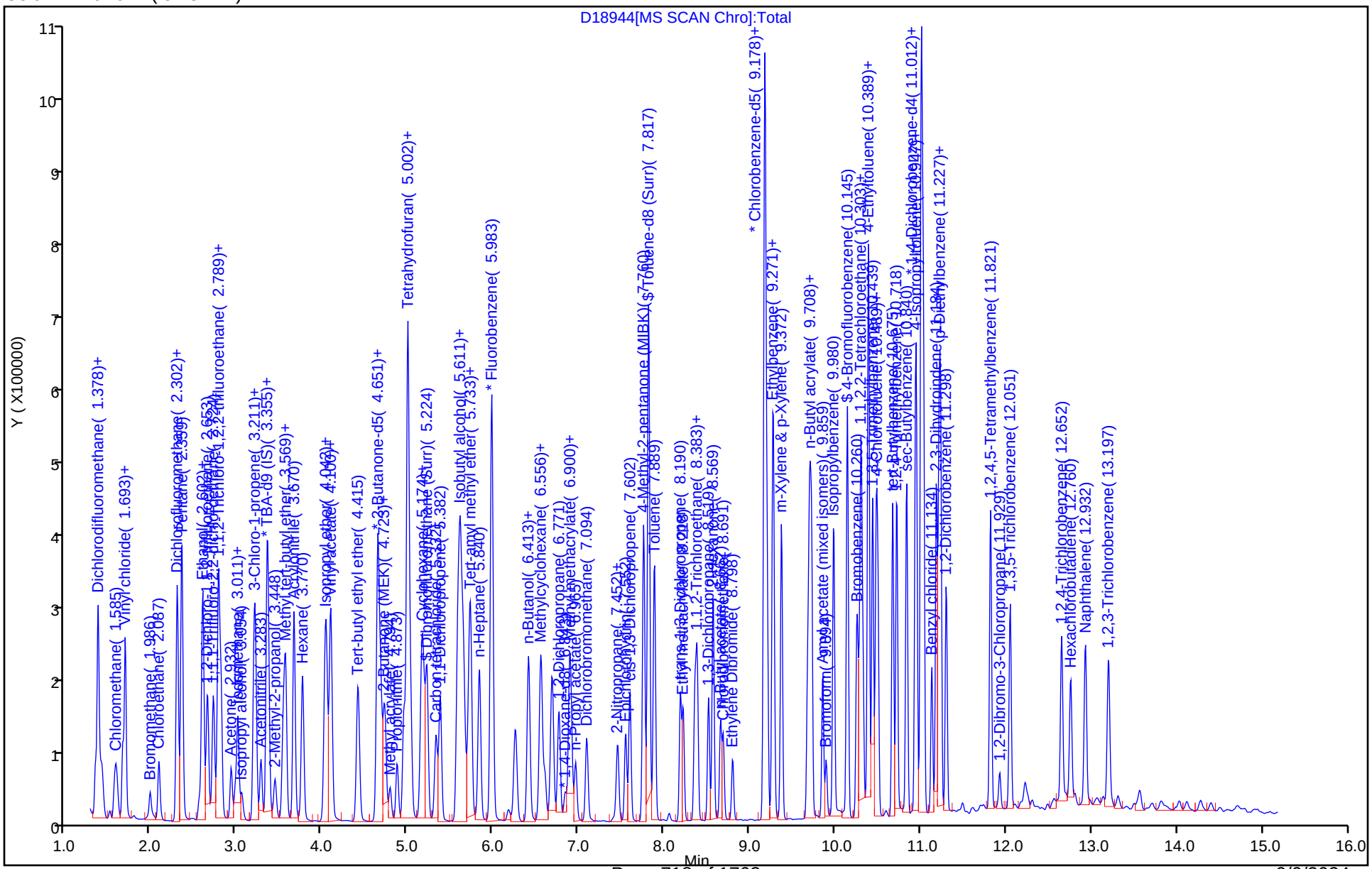
Lims ID: CCVIS Worklist Smp#: 1

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 1

Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



9/9/2024
1:05:41 PM

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Lab Sample ID: ICV 460-987459/14 Calibration Date: 07/27/2024 05:49

Instrument ID: CVOAMS9 Calib Start Date: 07/27/2024 00:31

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 07/27/2024 02:33

Lab File ID: K62763.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	QuaF		0.1208		21.7	20.0	8.7	30.0
Dichlorodifluoromethane	QuaF		0.3947	0.1000	12.6	20.0	-36.9*	30.0
Chlorodifluoromethane	Ave	0.0588	0.0561		19.1	20.0	-4.5	30.0
Chloromethane	QuaF		0.3987	0.1000	13.6	20.0	-32.0*	30.0
Butadiene	Ave	0.3364	0.3109		18.5	20.0	-7.6	30.0
Vinyl chloride	Ave	0.3520	0.3298	0.1000	18.7	20.0	-6.3	30.0
Chloroethane	Ave	0.2047	0.1861	0.1000	18.2	20.0	-9.1	30.0
Bromomethane	Ave	0.3107	0.2731	0.1000	17.6	20.0	-12.1	30.0
Dichlorofluoromethane	Ave	0.6204	0.5326		17.2	20.0	-14.2	30.0
Pentane	Ave	8.514	6.186		29.1	40.0	-27.3	30.0
Trichlorofluoromethane	Ave	0.3866	0.3069	0.1000	15.9	20.0	-20.6	30.0
Ethyl ether	Ave	0.2019	0.1907		18.9	20.0	-5.5	30.0
Ethanol	QuaF		0.1516		1030	800	28.2	30.0
2-Methyl-1,3-butadiene	Lin2		0.2267		18.4	20.0	-7.8	30.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.2672	0.2527		18.9	20.0	-5.4	30.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.4273	0.4189		19.6	20.0	-2.0	30.0
Acrolein	Ave	5.921	3.595		180	296	-39.3*	30.0
1,1-Dichloroethene	Ave	0.2963	0.2626	0.1000	17.7	20.0	-11.4	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.3151	0.3186	0.1000	20.2	20.0	1.1	30.0
Acetone	Lin2		0.6253	0.0500	86.1	100	-13.9	30.0
Iodomethane	Ave	0.5506	0.5143		18.7	20.0	-6.6	30.0
Isopropyl alcohol	Lin2		2.268		168	200	-15.8	30.0
Carbon disulfide	Ave	1.292	1.241	0.1000	19.2	20.0	-4.0	30.0
Acetonitrile	Ave	1.928	1.775		184	200	-7.9	30.0
3-Chloro-1-propene	Ave	0.2513	0.2351		18.7	20.0	-6.5	30.0
Methyl acetate	Lin2		16.98	0.1000	33.1	40.0	-17.3	30.0
Cyclopentene	Ave	0.6185	0.5547		17.9	20.0	-10.3	30.0
Methylene Chloride	Ave	0.3431	0.3145	0.1000	18.3	20.0	-8.3	30.0
2-Methyl-2-propanol	Ave	5.596	4.967		178	200	-11.2	30.0
Acrylonitrile	Ave	0.0823	0.0824		200	200	0.1	30.0
Methyl tert-butyl ether	Ave	0.8156	0.8200	0.1000	20.1	20.0	0.5	30.0
trans-1,2-Dichloroethene	Ave	0.3101	0.2925	0.1000	18.9	20.0	-5.7	30.0
Hexane	Ave	0.2024	0.2126		21.0	20.0	5.1	30.0
1,1-Dichloroethane	Ave	0.4837	0.4633	0.2000	19.2	20.0	-4.2	30.0
Vinyl acetate	Ave	8.323	6.909		33.2	40.0	-17.0	30.0
Isopropyl ether	Ave	0.6900	0.6862		19.9	20.0	-0.5	30.0
2-Chloro-1,3-butadiene	Ave	0.2723	0.2590		19.0	20.0	-4.9	30.0
Tert-butyl ethyl ether	Ave	0.3742	0.3576		19.1	20.0	-4.4	30.0
2-Butanone (MEK)	Ave	0.4260	0.3132	0.0500	73.5	100	-26.5	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Lab Sample ID: ICV 460-987459/14 Calibration Date: 07/27/2024 05:49

Instrument ID: CVOAMS9 Calib Start Date: 07/27/2024 00:31

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 07/27/2024 02:33

Lab File ID: K62763.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
cis-1,2-Dichloroethene	Ave	0.3436	0.3260	0.1000	19.0	20.0	-5.1	30.0
2,2-Dichloropropane	Ave	0.1631	0.1443		17.7	20.0	-11.5	30.0
Ethyl acetate	Qua2		0.3370		33.3	40.0	-16.7	30.0
Propionitrile	Ave	5.224	4.553		174	200	-12.8	30.0
Methyl acrylate	Ave	0.2600	0.2418		18.6	20.0	-7.0	30.0
Methacrylonitrile	Ave	0.1025	0.1014		198	200	-1.1	30.0
Chlorobromomethane	Ave	0.1602	0.1473		18.4	20.0	-8.0	30.0
Chloroform	Ave	0.5237	0.4896	0.2000	18.7	20.0	-6.5	30.0
Tetrahydrofuran	Ave	0.5179	0.4464		34.5	40.0	-13.8	30.0
1,1,1-Trichloroethane	Ave	0.4698	0.4521	0.1000	19.2	20.0	-3.8	30.0
Cyclohexane	Ave	0.5061	0.4957	0.1000	19.6	20.0	-2.1	30.0
1,1-Dichloropropene	Ave	0.4065	0.3644		17.9	20.0	-10.4	30.0
Carbon tetrachloride	Ave	0.3920	0.3697	0.1000	18.9	20.0	-5.7	30.0
Isobutyl alcohol	Ave	0.2228	0.1493		335	500	-33.0*	30.0
1,2-Dichloroethane	Ave	0.3436	0.3309	0.1000	19.3	20.0	-3.7	30.0
Benzene	Ave	1.765	1.723	0.5000	19.5	20.0	-2.4	30.0
Isopropyl acetate	Ave	0.1120	0.1068		19.1	20.0	-4.6	30.0
Isooctane	QuaF		0.9741		16.0	20.0	-20.0	30.0
Tert-amyl methyl ether	Ave	0.8724	0.8246		18.9	20.0	-5.5	30.0
n-Heptane	Ave	0.3590	0.3391		18.9	20.0	-5.5	30.0
n-Butanol	Ave	1.350	1.082		401	500	-19.9	30.0
Trichloroethene	Ave	0.3204	0.2954	0.2000	18.4	20.0	-7.8	30.0
Ethyl acrylate	Ave	0.2567	0.2337		18.2	20.0	-9.0	30.0
Methylcyclohexane	Ave	0.5603	0.5455	0.1000	19.5	20.0	-2.6	30.0
1,2-Dichloropropane	Ave	0.2707	0.2528	0.1000	18.7	20.0	-6.6	30.0
Dibromomethane	Ave	0.1839	0.1714		18.6	20.0	-6.8	30.0
Methyl methacrylate	Ave	0.1657	0.1457		35.2	40.0	-12.1	30.0
1,4-Dioxane	Ave	1.597	1.385		347	400	-13.3	30.0
n-Propyl acetate	Ave	0.2690	0.2430		18.1	20.0	-9.7	30.0
Dichlorobromomethane	Ave	0.3735	0.3380	0.2000	18.1	20.0	-9.5	30.0
2-Nitropropane	Ave	0.0526	0.0448		34.1	40.0	-14.8	30.0
2-Chloroethyl vinyl ether	Ave	0.1570	0.1299		16.5	20.0	-17.3	30.0
Epichlorohydrin	Ave	0.3366	0.3717		22.1	20.0	10.4	30.0
cis-1,3-Dichloropropene	Ave	0.6338	0.5801	0.2000	18.3	20.0	-8.5	30.0
4-Methyl-2-pentanone (MIBK)	Ave	2.627	2.118	0.0500	80.6	100	-19.4	30.0
Toluene	Ave	1.832	1.721	0.4000	18.8	20.0	-6.1	30.0
trans-1,3-Dichloropropene	Ave	0.5131	0.5008	0.1000	19.5	20.0	-2.4	30.0
Ethyl methacrylate	Ave	0.4335	0.4134		19.1	20.0	-4.7	30.0
1,1,2-Trichloroethane	Ave	0.2813	0.2663	0.1000	18.9	20.0	-5.3	30.0
Tetrachloroethene	Ave	0.4250	0.4285	0.2000	20.2	20.0	0.8	30.0
1,3-Dichloropropane	Ave	0.5138	0.4935		19.2	20.0	-3.9	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Lab Sample ID: ICV 460-987459/14 Calibration Date: 07/27/2024 05:49

Instrument ID: CVOAMS9 Calib Start Date: 07/27/2024 00:31

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 07/27/2024 02:33

Lab File ID: K62763.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Hexanone	Ave	1.620	1.280	0.0500	79.0	100	-21.0	30.0
Chlorodibromomethane	Ave	0.3642	0.3426	0.1000	18.8	20.0	-5.9	30.0
n-Butyl acetate	Ave	0.4040	0.3806		18.8	20.0	-5.8	30.0
Ethylene Dibromide	Ave	0.3320	0.3204	0.1000	19.3	20.0	-3.5	30.0
Chlorobenzene	Ave	1.111	1.083	0.5000	19.5	20.0	-2.5	30.0
1,1,1,2-Tetrachloroethane	Ave	0.4393	0.4192		19.1	20.0	-4.6	30.0
Ethylbenzene	Ave	0.6278	0.6061	0.1000	19.3	20.0	-3.5	30.0
m-Xylene & p-Xylene	Ave	0.7557	0.7456	0.1000	19.7	20.0	-1.3	30.0
o-Xylene	Ave	0.7859	0.7651	0.3000	19.5	20.0	-2.6	30.0
Styrene	Ave	1.180	1.140	0.3000	19.3	20.0	-3.4	30.0
n-Butyl acrylate	Ave	0.2620	0.2661		20.3	20.0	1.6	30.0
Bromoform	Ave	0.2243	0.2056	0.1000	18.3	20.0	-8.3	30.0
Amyl acetate (mixed isomers)	Ave	0.8805	0.9024		20.5	20.0	2.5	30.0
Isopropylbenzene	Ave	1.884	2.085	0.1000	22.1	20.0	10.6	30.0
Bromobenzene	Ave	0.9326	0.8854		19.0	20.0	-5.1	30.0
1,1,2,2-Tetrachloroethane	Ave	0.8999	0.8574	0.3000	19.1	20.0	-4.7	30.0
1,2,3-Trichloropropane	Ave	0.2598	0.2338		18.0	20.0	-10.0	30.0
trans-1,4-Dichloro-2-butene	Ave	0.1928	0.1843		19.1	20.0	-4.4	30.0
N-Propylbenzene	Ave	4.596	4.705		20.5	20.0	2.4	30.0
2-Chlorotoluene	Ave	2.745	2.809		20.5	20.0	2.3	30.0
4-Ethyltoluene	Ave	3.899	3.788		19.4	20.0	-2.9	30.0
4-Chlorotoluene	Ave	2.905	2.853		19.6	20.0	-1.8	30.0
1,3,5-Trimethylbenzene	Ave	3.451	3.537		20.5	20.0	2.5	30.0
Butyl Methacrylate	Ave	1.031	1.003		19.5	20.0	-2.7	30.0
tert-Butylbenzene	Ave	2.884	2.851		19.8	20.0	-1.1	30.0
1,2,4-Trimethylbenzene	Ave	3.576	3.560		19.9	20.0	-0.4	30.0
sec-Butylbenzene	Ave	4.503	4.640		20.6	20.0	3.0	30.0
1,3-Dichlorobenzene	Ave	1.755	1.732	0.6000	19.7	20.0	-1.3	30.0
1,4-Dichlorobenzene	Ave	1.708	1.725	0.5000	20.2	20.0	1.0	30.0
4-Isopropyltoluene	Ave	3.955	3.813		19.3	20.0	-3.6	30.0
1,2,3-Trimethylbenzene	Ave	3.874	3.762		19.4	20.0	-2.9	30.0
Benzyl chloride	Ave	1.596	1.648		20.6	20.0	3.2	30.0
Indan	Ave	3.453	3.403		19.7	20.0	-1.5	30.0
1,2-Dichlorobenzene	Ave	1.801	1.744	0.4000	19.4	20.0	-3.2	30.0
p-Diethylbenzene	Ave	2.337	2.346		20.1	20.0	0.4	30.0
n-Butylbenzene	Ave	2.062	2.009		19.5	20.0	-2.6	30.0
1,2,4,5-Tetramethylbenzene	Ave	3.857	3.715		19.3	20.0	-3.7	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.2098	0.1849	0.0500	17.6	20.0	-11.9	30.0
1,3,5-Trichlorobenzene	Ave	1.509	1.502		19.9	20.0	-0.5	30.0
1,2,4-Trichlorobenzene	Ave	1.430	1.394	0.2000	19.5	20.0	-2.5	30.0
Hexachlorobutadiene	Ave	0.6442	0.6228		19.3	20.0	-3.3	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Lab Sample ID: ICV 460-987459/14 Calibration Date: 07/27/2024 05:49

Instrument ID: CVOAMS9 Calib Start Date: 07/27/2024 00:31

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 07/27/2024 02:33

Lab File ID: K62763.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Naphthalene	Ave	3.667	3.633		19.8	20.0	-0.9	30.0
1,2,3-Trichlorobenzene	Ave	1.453	1.398		19.3	20.0	-3.7	30.0
Dibromofluoromethane (Surr)	Ave	0.2414	0.2674		55.4	50.0	10.8	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2335	0.2514		53.8	50.0	7.6	30.0
Toluene-d8 (Surr)	Ave	1.354	1.473		54.4	50.0	8.8	30.0
4-Bromofluorobenzene	Ave	0.3720	0.3806		51.2	50.0	2.3	30.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240726-178899.b\K62763.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 27-Jul-2024 05:49:30 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ICV
Misc. Info.: 460-0178899-014
Operator ID: Instrument ID: CVOAMS9
Sublist:

Method: \\chromfs\Edison\ChromData\CVOAMS9\20240726-178899.b\8260S9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 28-Jul-2024 12:36:18 Calib Date: 27-Jul-2024 02:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20240726-178899.b\K62757.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1627

First Level Reviewer: NN6A Date: 28-Jul-2024 12:36:18

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	1.085	1.096	-0.011	50	34097	20.0	21.7	
5 Dichlorodifluoromethane	85	1.096	1.107	-0.011	58	111396	20.0	12.6	M
4 Chlorodifluoromethane	67	1.107	1.119	-0.012	94	15843	20.0	19.1	
6 Chloromethane	50	1.222	1.222	0.000	99	112528	20.0	13.6	
8 Butadiene	54	1.245	1.244	0.001	89	87766	20.0	18.5	
7 Vinyl chloride	62	1.279	1.279	0.000	98	93084	20.0	18.7	
9 Bromomethane	94	1.450	1.439	0.011	99	77086	20.0	17.6	
10 Chloroethane	64	1.439	1.450	-0.011	77	52530	20.0	18.2	
12 Pentane	72	1.588	1.576	0.012	95	25655	40.0	29.1	
11 Dichlorofluoromethane	67	1.576	1.576	0.000	78	150324	20.0	17.2	
13 Trichlorofluoromethane	101	1.622	1.610	0.012	95	86623	20.0	15.9	
14 Ethyl ether	59	1.668	1.667	0.001	94	53836	20.0	18.9	
15 2-Methyl-1,3-butadiene	53	1.690	1.690	0.000	83	63995	20.0	18.4	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.702	1.702	0.000	86	71323	20.0	18.9	
17 Ethanol	46	1.679	1.713	-0.034	55	12577	800.0	1025.5	Ma
19 1,1,1-Trifluoro-2,2-dichloroetha	83	1.736	1.725	0.011	74	118227	20.0	19.6	a
18 Acrolein	56	1.748	1.747	0.001	94	110418	296.3	179.9	
20 1,1-Dichloroethene	96	1.805	1.805	0.000	96	74121	20.0	17.7	
21 Acetone	43	1.839	1.827	0.012	65	70105	100.0	86.1	
22 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.839	1.839	0.000	93	89921	20.0	20.2	
23 Iodomethane	142	1.896	1.907	-0.011	97	145163	20.0	18.7	
24 Isopropyl alcohol	45	1.908	1.907	0.001	29	47040	200.0	168.4	Ma
25 Carbon disulfide	76	1.942	1.942	0.000	98	350286	20.0	19.2	M
27 Methyl acetate	43	1.999	1.999	0.000	67	70404	40.0	33.1	M
28 Acetonitrile	40	1.988	1.999	-0.011	79	36806	200.0	184.1	
26 3-Chloro-1-propene	39	1.999	1.999	0.000	95	66349	20.0	18.7	
29 Cyclopentene	67	2.045	2.056	-0.011	91	156578	20.0	17.9	
30 Methylene Chloride	84	2.068	2.067	0.001	86	88779	20.0	18.3	
* 31 TBA-d9 (IS)	46	2.102	2.102	0.000	94	103681	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.148	2.136	0.012	93	102989	200.0	177.5	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Acrylonitrile	53	2.193	2.193	0.000	95	232590	200.0	200.2	
35 Methyl tert-butyl ether	73	2.216	2.227	-0.011	93	231460	20.0	20.1	
34 trans-1,2-Dichloroethene	96	2.228	2.227	0.001	92	82573	20.0	18.9	
36 Hexane	43	2.388	2.387	0.001	89	60019	20.0	21.0	
37 1,1-Dichloroethane	63	2.479	2.479	0.000	99	130766	20.0	19.2	
38 Vinyl acetate	86	2.502	2.502	0.000	100	28655	40.0	33.2	
39 Isopropyl ether	45	2.513	2.513	0.000	85	193699	20.0	19.9	
40 2-Chloro-1,3-butadiene	88	2.536	2.547	-0.011	90	73113	20.0	19.0	
41 Tert-butyl ethyl ether	87	2.765	2.753	0.012	90	100946	20.0	19.1	
* 42 2-Butanone-d5	46	2.833	2.833	0.000	98	280298	250.0	250.0	
45 2-Butanone (MEK)	72	2.868	2.868	0.000	97	35119	100.0	73.5	
43 cis-1,2-Dichloroethene	96	2.868	2.868	0.000	98	92028	20.0	19.0	
44 2,2-Dichloropropane	79	2.879	2.890	-0.011	75	40730	20.0	17.7	
47 Ethyl acetate	70	2.913	2.913	0.000	98	15113	40.0	33.3	
46 Propionitrile	54	2.913	2.913	0.000	85	94406	200.0	174.3	
48 Methyl acrylate	55	2.936	2.936	0.000	50	68252	20.0	18.6	
50 Methacrylonitrile	67	3.028	3.028	0.000	86	286257	200.0	197.8	
49 Chlorobromomethane	128	3.039	3.039	0.000	76	41589	20.0	18.4	
51 Tetrahydrofuran	72	3.085	3.085	0.000	39	20020	40.0	34.5	a
52 Chloroform	83	3.085	3.096	-0.011	98	138200	20.0	18.7	
$ 53 Dibromofluoromethane (Surr)	113	3.211	3.210	0.001	95	188694	50.0	55.4	
54 1,1,1-Trichloroethane	97	3.245	3.256	-0.011	97	127624	20.0	19.2	
55 Cyclohexane	84	3.302	3.302	0.000	86	139912	20.0	19.6	
56 1,1-Dichloropropene	75	3.371	3.370	0.001	97	102845	20.0	17.9	
57 Carbon tetrachloride	117	3.382	3.382	0.000	94	104354	20.0	18.9	
59 Isobutyl alcohol	74	3.462	3.462	0.000	51	7738	500.0	335.0	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.485	3.485	0.000	0	177385	50.0	53.8	
60 Benzene	78	3.542	3.542	0.000	93	319249	20.0	19.5	
61 1,2-Dichloroethane	62	3.542	3.542	0.000	56	93402	20.0	19.3	
63 Isopropyl acetate	61	3.599	3.599	0.000	59	30151	20.0	19.1	a
62 Isooctane	57	3.611	3.610	0.001	97	274952	20.0	16.0	
64 Tert-amyl methyl ether	73	3.633	3.633	0.000	91	232744	20.0	18.9	
66 n-Heptane	43	3.771	3.770	0.001	45	95724	20.0	18.9	
* 65 Fluorobenzene	96	3.771	3.770	0.001	98	705659	50.0	50.0	
67 n-Butanol	56	4.068	4.045	0.023	49	56089	500.0	400.6	
68 Trichloroethene	95	4.102	4.102	0.000	97	83383	20.0	18.4	
69 Ethyl acrylate	55	4.205	4.205	0.000	98	65956	20.0	18.2	
70 Methylcyclohexane	83	4.296	4.296	0.000	92	153980	20.0	19.5	
71 1,2-Dichloropropane	63	4.319	4.319	0.000	95	71359	20.0	18.7	
* 72 1,4-Dioxane-d8	96	4.411	4.411	0.000	42	37302	1000.0	1000.0	
73 Dibromomethane	93	4.422	4.422	0.000	97	48366	20.0	18.6	
75 Methyl methacrylate	69	4.433	4.433	0.000	83	82231	40.0	35.2	
74 1,4-Dioxane	88	4.468	4.456	0.012	28	20661	400.0	346.8	M
76 n-Propyl acetate	43	4.502	4.513	-0.011	97	68583	20.0	18.1	
77 Dichlorobromomethane	83	4.594	4.593	0.001	98	95394	20.0	18.1	
78 2-Nitropropane	41	4.822	4.833	-0.011	97	25304	40.0	34.1	
79 2-Chloroethyl vinyl ether	63	4.914	4.925	-0.011	94	36658	20.0	16.5	
80 Epichlorohydrin	57	4.971	4.971	0.000	34	8335	20.0	22.1	
81 cis-1,3-Dichloropropene	75	5.074	5.073	0.001	89	107495	20.0	18.3	
82 4-Methyl-2-pentanone (MIBK)	43	5.268	5.268	0.000	93	237479	100.0	80.6	
$ 83 Toluene-d8 (Surr)	98	5.371	5.371	0.000	99	682297	50.0	54.4	
84 Toluene	91	5.451	5.451	0.000	94	318825	20.0	18.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	5.725	5.725	0.000	95	92784	20.0	19.5	
86 Ethyl methacrylate	69	5.874	5.874	0.000	86	76595	20.0	19.1	
87 1,1,2-Trichloroethane	83	5.942	5.942	0.000	95	49345	20.0	18.9	
88 Tetrachloroethene	166	6.114	6.114	0.000	97	79400	20.0	20.2	
89 1,3-Dichloropropane	76	6.148	6.148	0.000	89	91448	20.0	19.2	
90 2-Hexanone	43	6.297	6.296	0.001	93	143461	100.0	79.0	
91 Chlorodibromomethane	129	6.434	6.422	0.012	97	63472	20.0	18.8	
92 n-Butyl acetate	43	6.502	6.502	0.000	96	70530	20.0	18.8	
93 Ethylene Dibromide	107	6.559	6.559	0.000	99	59365	20.0	19.3	
S 139 1,3-Dichloropropene, Total	1				0		40.0	37.8	
* 94 Chlorobenzene-d5	117	7.211	7.211	0.000	84	463224	50.0	50.0	
95 Chlorobenzene	112	7.245	7.245	0.000	97	200739	20.0	19.5	
96 1,1,1,2-Tetrachloroethane	131	7.382	7.382	0.000	95	77675	20.0	19.1	
97 Ethylbenzene	106	7.440	7.439	0.001	97	112297	20.0	19.3	
98 m-Xylene & p-Xylene	106	7.611	7.611	0.000	0	138143	20.0	19.7	
99 o-Xylene	106	8.194	8.194	0.000	93	141761	20.0	19.5	
100 Styrene	104	8.217	8.217	0.000	97	211196	20.0	19.3	
101 n-Butyl acrylate	73	8.240	8.239	0.001	98	49310	20.0	20.3	
102 Bromoform	173	8.445	8.445	0.000	95	38104	20.0	18.3	
103 Amyl acetate (mixed isomers)	43	8.617	8.617	0.000	95	84533	20.0	20.5	
104 Isopropylbenzene	105	8.777	8.777	0.000	95	386273	20.0	22.1	
$ 105 4-Bromofluorobenzene	174	8.983	8.982	0.001	91	176313	50.0	51.2	
106 Bromobenzene	156	9.177	9.177	0.000	95	82936	20.0	19.0	
107 1,1,2,2-Tetrachloroethane	83	9.268	9.268	0.000	98	80313	20.0	19.1	
108 1,2,3-Trichloropropane	110	9.291	9.291	0.000	97	21901	20.0	18.0	
109 trans-1,4-Dichloro-2-butene	53	9.360	9.360	0.000	93	17268	20.0	19.1	
110 N-Propylbenzene	91	9.428	9.428	0.000	99	440719	20.0	20.5	
111 2-Chlorotoluene	91	9.508	9.520	-0.012	96	263113	20.0	20.5	
112 4-Ethyltoluene	105	9.623	9.622	0.001	99	354854	20.0	19.4	
113 4-Chlorotoluene	91	9.691	9.702	-0.011	97	267298	20.0	19.6	
114 1,3,5-Trimethylbenzene	105	9.737	9.737	0.000	92	331293	20.0	20.5	
115 Butyl Methacrylate	87	10.000	10.000	0.000	84	93966	20.0	19.5	
116 tert-Butylbenzene	119	10.228	10.228	0.000	94	267057	20.0	19.8	
117 1,2,4-Trimethylbenzene	105	10.297	10.297	0.000	97	333519	20.0	19.9	
118 sec-Butylbenzene	105	10.514	10.514	0.000	99	434640	20.0	20.6	
119 1,3-Dichlorobenzene	146	10.594	10.594	0.000	97	162283	20.0	19.7	
* 121 1,4-Dichlorobenzene-d4	152	10.674	10.674	0.000	94	234186	50.0	50.0	
120 4-Isopropyltoluene	119	10.697	10.697	0.000	98	357194	20.0	19.3	
122 1,4-Dichlorobenzene	146	10.697	10.697	0.000	68	161553	20.0	20.2	
166 1,2,3-Trimethylbenzene	105	10.777	10.777	0.000	99	352358	20.0	19.4	
124 Benzyl chloride	91	10.846	10.845	0.001	98	154354	20.0	20.6	
125 2,3-Dihydroindene	117	10.948	10.948	0.000	94	318785	20.0	19.7	
127 1,2-Dichlorobenzene	146	11.051	11.051	0.000	97	163365	20.0	19.4	
126 p-Diethylbenzene	119	11.074	11.074	0.000	94	219752	20.0	20.1	
128 n-Butylbenzene	92	11.086	11.097	-0.011	97	188181	20.0	19.5	
129 1,2,4,5-Tetramethylbenzene	119	11.680	11.680	0.000	97	348028	20.0	19.3	
130 1,2-Dibromo-3-Chloropropane	157	11.680	11.680	0.000	33	17323	20.0	17.6	
131 1,3,5-Trichlorobenzene	180	11.829	11.828	0.001	97	140680	20.0	19.9	
132 1,2,4-Trichlorobenzene	180	12.206	12.206	0.000	93	130599	20.0	19.5	
133 Hexachlorobutadiene	225	12.320	12.320	0.000	90	58336	20.0	19.3	
134 Naphthalene	128	12.343	12.343	0.000	99	340289	20.0	19.8	
135 1,2,3-Trichlorobenzene	180	12.491	12.491	0.000	95	130963	20.0	19.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		40.0	37.8	
S 137 Xylenes, Total	100				0		40.0	39.2	
S 138 Total BTEX	1				0		100.0	96.8	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

GAS C SP_00578	Amount Added:	2.00	Units: uL		
8260 SP_00182	Amount Added:	2.00	Units: uL		
7 Freons SS_00016	Amount Added:	2.00	Units: uL		
ACROLEIN SP_00167	Amount Added:	3.00	Units: uL		
8260ISNEW_00175	Amount Added:	1.00	Units: uL	Run Reagent	
8260SURR250_00248	Amount Added:	1.00	Units: uL	Run Reagent	

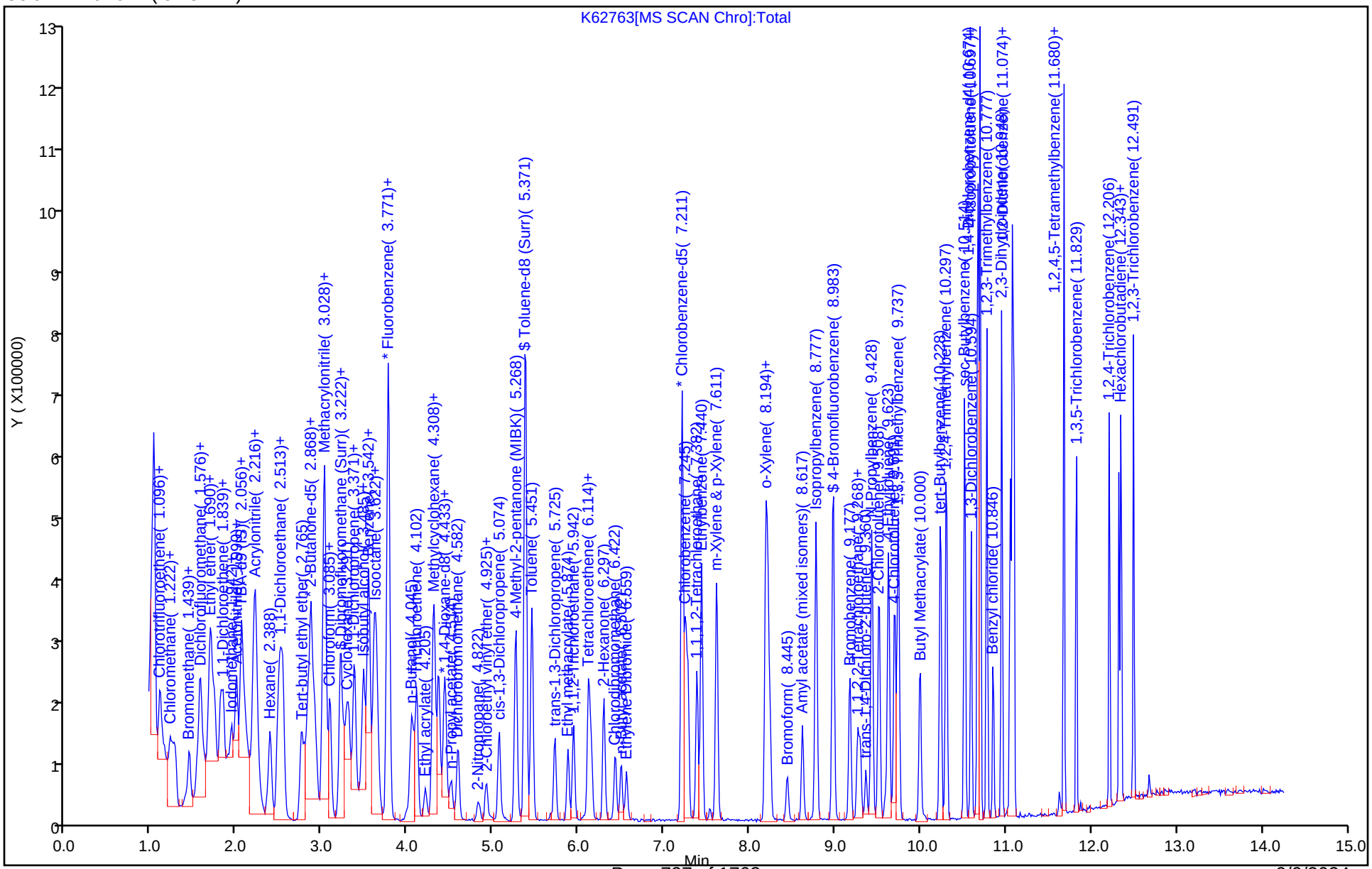
Report Date: 28-Jul-2024 12:36:28 Chrom Revision: 2.3 16-Jul-2024 14:17:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240726-178899.b\K62763.D

Injection Date:	27-Jul-2024 05:49:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	ICV			Worklist Smp#:	14
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	13
Method:	8260S9	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



9/9/2024
1:05:41 PM

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison | Job No.: 460-309671-1

SDG No.:

Lab Sample ID: CCVIS 460-991380/2 | Calibration Date: 08/20/2024 08:52

Instrument ID: CVOAMS9 | Calib Start Date: 07/27/2024 00:31

GC Column: Rtx-624 ID: 0.25(mm) | Calib End Date: 07/27/2024 02:33

Lab File ID: K63717.D | Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	QuaF		0.1010		18.2	20.0	-9.1	20.0
Chlorodifluoromethane	Ave	0.0588	0.0639		21.8	20.0	8.8	20.0
Dichlorodifluoromethane	QuaF		0.4589	0.1000	14.7	20.0	-26.6*	20.0
Chloromethane	QuaF		0.4450	0.1000	15.2	20.0	-24.1*	20.0
Butadiene	Ave	0.3364	0.3333		19.8	20.0	-0.9	20.0
Vinyl chloride	Ave	0.3520	0.3635	0.1000	20.7	20.0	3.3	20.0
Bromomethane	Ave	0.3107	0.2940	0.1000	18.9	20.0	-5.4	50.0
Chloroethane	Ave	0.2047	0.1866	0.1000	18.2	20.0	-8.8	50.0
Dichlorofluoromethane	Ave	0.6204	0.6147		19.8	20.0	-0.9	20.0
Pentane	Ave	8.514	10.41		48.9	40.0	22.3*	20.0
Trichlorofluoromethane	Ave	0.3866	0.4312	0.1000	22.3	20.0	11.5	20.0
Ethyl ether	Ave	0.2019	0.1638		16.2	20.0	-18.9	20.0
Ethanol	QuaF		0.0895		606	800	-24.2	50.0
2-Methyl-1,3-butadiene	Lin2		0.2519		20.6	20.0	3.0	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.2672	0.2763		20.7	20.0	3.4	20.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.4273	0.4297		20.1	20.0	0.6	20.0
Acrolein	Ave	5.921	6.388		324	300	7.9	50.0
1,1-Dichloroethene	Ave	0.2963	0.2969	0.1000	20.0	20.0	0.2	20.0
Acetone	Lin2		0.7298	0.0500	101	100	1.1	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.3151	0.3426	0.1000	21.7	20.0	8.7	20.0
Isopropyl alcohol	Lin2		2.655		198	200	-0.9	50.0
Iodomethane	Ave	0.5506	0.5844		21.2	20.0	6.1	20.0
Carbon disulfide	Ave	1.292	1.286	0.1000	19.9	20.0	-0.5	50.0
3-Chloro-1-propene	Ave	0.2513	0.2541		20.2	20.0	1.1	20.0
Acetonitrile	Ave	1.928	2.303		239	200	19.5	20.0
Methyl acetate	Lin2		23.04	0.1000	45.3	40.0	13.3	20.0
Cyclopentene	Ave	0.6185	0.6382		20.6	20.0	3.2	20.0
Methylene Chloride	Ave	0.3431	0.3183	0.1000	18.6	20.0	-7.2	20.0
2-Methyl-2-propanol	Ave	5.596	6.203		222	200	10.9	50.0
Acrylonitrile	Ave	0.0823	0.0783		190	200	-4.8	20.0
Methyl tert-butyl ether	Ave	0.8156	0.8383	0.1000	20.6	20.0	2.8	20.0
trans-1,2-Dichloroethene	Ave	0.3101	0.3432	0.1000	22.1	20.0	10.7	20.0
Hexane	Ave	0.2024	0.2223		22.0	20.0	9.9	20.0
1,1-Dichloroethane	Ave	0.4837	0.4825	0.2000	20.0	20.0	-0.2	20.0
Vinyl acetate	Ave	8.323	9.358		45.0	40.0	12.4	20.0
Isopropyl ether	Ave	0.6900	0.7066		20.5	20.0	2.4	20.0
2-Chloro-1,3-butadiene	Ave	0.2723	0.2775		20.4	20.0	1.9	20.0
Tert-butyl ethyl ether	Ave	0.3742	0.3786		20.2	20.0	1.2	20.0
cis-1,2-Dichloroethene	Ave	0.3436	0.3491	0.1000	20.3	20.0	1.6	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Lab Sample ID: CCVIS 460-991380/2 Calibration Date: 08/20/2024 08:52

Instrument ID: CVOAMS9 Calib Start Date: 07/27/2024 00:31

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 07/27/2024 02:33

Lab File ID: K63717.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Butanone (MEK)	Ave	0.4260	0.4028	0.0500	94.6	100	-5.4	50.0
2,2-Dichloropropane	Ave	0.1631	0.1700		20.9	20.0	4.3	20.0
Ethyl acetate	Qua2		0.3603		35.8	40.0	-10.6	20.0
Propionitrile	Ave	5.224	5.809		222	200	11.2	20.0
Methyl acrylate	Ave	0.2600	0.2135		16.4	20.0	-17.9	20.0
Methacrylonitrile	Ave	0.1025	0.0938		183	200	-8.6	20.0
Chlorobromomethane	Ave	0.1602	0.1680		21.0	20.0	4.9	20.0
Tetrahydrofuran	Ave	0.5179	0.5326		41.1	40.0	2.9	20.0
Chloroform	Ave	0.5237	0.5397	0.2000	20.6	20.0	3.1	20.0
1,1,1-Trichloroethane	Ave	0.4698	0.5164	0.1000	22.0	20.0	9.9	20.0
Cyclohexane	Ave	0.5061	0.5262	0.1000	20.8	20.0	4.0	50.0
1,1-Dichloropropene	Ave	0.4065	0.4174		20.5	20.0	2.7	20.0
Carbon tetrachloride	Ave	0.3920	0.4513	0.1000	23.0	20.0	15.1	20.0
Isobutyl alcohol	Ave	0.2228	0.1742		391	500	-21.8	50.0
Benzene	Ave	1.765	1.814	0.5000	20.6	20.0	2.8	20.0
1,2-Dichloroethane	Ave	0.3436	0.3317	0.1000	19.3	20.0	-3.5	20.0
Isopropyl acetate	Ave	0.1120	0.1035		18.5	20.0	-7.6	20.0
Isooctane	QuaF		1.100		18.1	20.0	-9.7	20.0
Tert-amyl methyl ether	Ave	0.8724	0.8479		19.4	20.0	-2.8	20.0
n-Heptane	Ave	0.3590	0.3648		20.3	20.0	1.6	20.0
n-Butanol	Ave	1.350	0.9662		358	500	-28.5	50.0
Trichloroethene	Ave	0.3204	0.3040	0.2000	19.0	20.0	-5.1	20.0
Ethyl acrylate	Ave	0.2567	0.2077		16.2	20.0	-19.1	20.0
Methylcyclohexane	Ave	0.5603	0.6108	0.1000	21.8	20.0	9.0	50.0
1,2-Dichloropropane	Ave	0.2707	0.2455	0.1000	18.1	20.0	-9.3	20.0
Dibromomethane	Ave	0.1839	0.1619		17.6	20.0	-12.0	20.0
1,4-Dioxane	Ave	1.597	1.397		350	400	-12.5	50.0
Methyl methacrylate	Ave	0.1657	0.1464		35.3	40.0	-11.6	20.0
n-Propyl acetate	Ave	0.2690	0.2207		16.4	20.0	-18.0	20.0
Dichlorobromomethane	Ave	0.3735	0.3497	0.2000	18.7	20.0	-6.4	20.0
2-Nitropropane	Ave	0.0526	0.0383		29.1	40.0	-27.2*	20.0
2-Chloroethyl vinyl ether	Ave	0.1570	0.0554		7.08	20.0	-64.7*	20.0
Epichlorohydrin	Ave	0.3366	0.1582		188	400	-53.0*	20.0
cis-1,3-Dichloropropene	Ave	0.6338	0.5654	0.2000	17.8	20.0	-10.8	50.0
4-Methyl-2-pentanone (MIBK)	Ave	2.627	2.660	0.0500	101	100	1.3	50.0
Toluene	Ave	1.832	1.812	0.4000	19.8	20.0	-1.1	20.0
trans-1,3-Dichloropropene	Ave	0.5131	0.4337	0.1000	16.9	20.0	-15.5	50.0
Ethyl methacrylate	Ave	0.4335	0.4080		18.8	20.0	-5.9	20.0
1,1,2-Trichloroethane	Ave	0.2813	0.2574	0.1000	18.3	20.0	-8.5	20.0
Tetrachloroethene	Ave	0.4250	0.4525	0.2000	21.3	20.0	6.5	20.0
1,3-Dichloropropane	Ave	0.5138	0.4595		17.9	20.0	-10.6	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Lab Sample ID: CCVIS 460-991380/2 Calibration Date: 08/20/2024 08:52

Instrument ID: CVOAMS9 Calib Start Date: 07/27/2024 00:31

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 07/27/2024 02:33

Lab File ID: K63717.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Hexanone	Ave	1.620	1.532	0.0500	94.6	100	-5.4	50.0
Chlorodibromomethane	Ave	0.3642	0.3646	0.1000	20.0	20.0	0.1	50.0
n-Butyl acetate	Ave	0.4040	0.3396		16.8	20.0	-15.9	20.0
Ethylene Dibromide	Ave	0.3320	0.3238	0.1000	19.5	20.0	-2.5	20.0
Chlorobenzene	Ave	1.111	1.109	0.5000	20.0	20.0	-0.2	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4393	0.4693		21.4	20.0	6.8	20.0
Ethylbenzene	Ave	0.6278	0.6376	0.1000	20.3	20.0	1.6	20.0
m-Xylene & p-Xylene	Ave	0.7557	0.7686	0.1000	20.3	20.0	1.7	20.0
o-Xylene	Ave	0.7859	0.8441	0.3000	21.5	20.0	7.4	20.0
Styrene	Ave	1.180	1.143	0.3000	19.4	20.0	-3.1	20.0
n-Butyl acrylate	Ave	0.2620	0.2598		19.8	20.0	-0.8	20.0
Bromoform	Ave	0.2243	0.2376	0.1000	21.2	20.0	6.0	20.0
Amyl acetate (mixed isomers)	Ave	0.8805	0.8425		19.1	20.0	-4.3	20.0
Isopropylbenzene	Ave	1.884	2.203	0.1000	23.4	20.0	16.9	20.0
Bromobenzene	Ave	0.9326	0.9192		19.7	20.0	-1.4	20.0
1,1,2,2-Tetrachloroethane	Ave	0.8999	0.8320	0.3000	18.5	20.0	-7.5	20.0
1,2,3-Trichloropropane	Ave	0.2598	0.2381		18.3	20.0	-8.3	20.0
trans-1,4-Dichloro-2-butene	Ave	0.1928	0.1438		14.9	20.0	-25.4*	20.0
N-Propylbenzene	Ave	4.596	4.698		20.4	20.0	2.2	20.0
2-Chlorotoluene	Ave	2.745	2.899		21.1	20.0	5.6	20.0
4-Ethyltoluene	Ave	3.899	4.111		21.1	20.0	5.4	20.0
4-Chlorotoluene	Ave	2.905	2.940		20.2	20.0	1.2	20.0
1,3,5-Trimethylbenzene	Ave	3.451	3.668		21.3	20.0	6.3	20.0
Butyl Methacrylate	Ave	1.031	0.9211		17.9	20.0	-10.7	20.0
tert-Butylbenzene	Ave	2.884	2.822		19.6	20.0	-2.1	20.0
1,2,4-Trimethylbenzene	Ave	3.576	3.672		20.5	20.0	2.7	20.0
sec-Butylbenzene	Ave	4.503	4.759		21.1	20.0	5.7	20.0
1,3-Dichlorobenzene	Ave	1.755	1.590	0.6000	18.1	20.0	-9.4	20.0
1,4-Dichlorobenzene	Ave	1.708	1.550	0.5000	18.2	20.0	-9.2	20.0
4-Isopropyltoluene	Ave	3.955	4.245		21.5	20.0	7.3	20.0
1,2,3-Trimethylbenzene	Ave	3.874	3.863		19.9	20.0	-0.3	20.0
Benzyl chloride	Ave	1.596	1.268		15.9	20.0	-20.5	50.0
Indan	Ave	3.453	3.494		20.2	20.0	1.2	20.0
1,2-Dichlorobenzene	Ave	1.801	1.681	0.4000	18.7	20.0	-6.7	20.0
p-Diethylbenzene	Ave	2.337	2.602		22.3	20.0	11.3	20.0
n-Butylbenzene	Ave	2.062	2.084		20.2	20.0	1.0	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.2098	0.2285	0.0500	21.8	20.0	8.9	50.0
1,2,4,5-Tetramethylbenzene	Ave	3.857	3.253		16.9	20.0	-15.7	20.0
1,3,5-Trichlorobenzene	Ave	1.509	1.101		14.6	20.0	-27.1*	20.0
1,2,4-Trichlorobenzene	Ave	1.430	0.4170	0.2000	5.83	20.0	-70.8*	20.0
Hexachlorobutadiene	Ave	0.6442	0.7125		22.1	20.0	10.6	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Lab Sample ID: CCVIS 460-991380/2 Calibration Date: 08/20/2024 08:52

Instrument ID: CVOAMS9 Calib Start Date: 07/27/2024 00:31

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 07/27/2024 02:33

Lab File ID: K63717.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Naphthalene	Ave	3.667	0.7264		3.96	20.0	-80.2*	50.0
1,2,3-Trichlorobenzene	Ave	1.453	0.5143		7.08	20.0	-64.6*	20.0
Dibromofluoromethane (Surr)	Ave	0.2414	0.2279		47.2	50.0	-5.6	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2335	0.2158		46.2	50.0	-7.6	20.0
Toluene-d8 (Surr)	Ave	1.354	1.215		44.9	50.0	-10.3	20.0
4-Bromofluorobenzene	Ave	0.3720	0.3795		51.0	50.0	2.0	20.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240820-179806.b\K63717.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 20-Aug-2024 08:52:30 ALS Bottle#: 2 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0179806-002
Operator ID: Instrument ID: CVOAMS9
Sublist: chrom-8260S9*sub55

Method: \\chromfs\Edison\ChromData\CVOAMS9\20240820-179806.b\8260S9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Aug-2024 10:07:30 Calib Date: 27-Jul-2024 02:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20240726-178899.b\K62757.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1646

First Level Reviewer: NN6A Date: 21-Aug-2024 10:07:30

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	1.073	1.073	0.000	49	27602	20.0	18.2	
5 Dichlorodifluoromethane	85	1.107	1.107	0.000	61	125415	20.0	14.7	
4 Chlorodifluoromethane	67	1.107	1.107	0.000	95	17475	20.0	21.8	
6 Chloromethane	50	1.210	1.210	0.000	99	121615	20.0	15.2	
8 Butadiene	54	1.245	1.245	0.000	87	91073	20.0	19.8	
7 Vinyl chloride	62	1.267	1.267	0.000	98	99339	20.0	20.7	
10 Chloroethane	64	1.439	1.439	0.000	70	51004	20.0	18.2	
9 Bromomethane	94	1.439	1.439	0.000	97	80348	20.0	18.9	M
11 Dichlorofluoromethane	67	1.565	1.565	0.000	78	167966	20.0	19.8	
12 Pentane	72	1.565	1.565	0.000	95	29620	40.0	48.9	
13 Trichlorofluoromethane	101	1.610	1.610	0.000	79	117819	20.0	22.3	
24 Isopropyl alcohol	45	1.873	1.873	0.000	25	37758	200.0	198.1	a
14 Ethyl ether	59	1.656	1.656	0.000	84	44760	20.0	16.2	
17 Ethanol	46	1.667	1.667	0.000	69	5090	800.0	606.4	
15 2-Methyl-1,3-butadiene	53	1.679	1.679	0.000	84	68832	20.0	20.6	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.690	1.690	0.000	85	75504	20.0	20.7	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	1.725	1.725	0.000	76	117424	20.0	20.1	a
18 Acrolein	56	1.736	1.736	0.000	95	136290	300.0	323.7	
20 1,1-Dichloroethene	96	1.793	1.793	0.000	96	81132	20.0	20.0	
21 Acetone	43	1.816	1.816	0.000	69	67445	100.0	101.1	
22 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.839	1.839	0.000	96	93629	20.0	21.7	
23 Iodomethane	142	1.885	1.885	0.000	98	159700	20.0	21.2	
25 Carbon disulfide	76	1.930	1.930	0.000	98	351385	20.0	19.9	a
26 3-Chloro-1-propene	39	1.988	1.988	0.000	89	69424	20.0	20.2	
27 Methyl acetate	43	1.988	1.988	0.000	60	65535	40.0	45.3	
29 Cyclopentene	67	2.045	2.045	0.000	91	174404	20.0	20.6	
28 Acetonitrile	40	1.988	1.988	0.000	76	32757	200.0	238.9	a
30 Methylene Chloride	84	2.056	2.056	0.000	86	86980	20.0	18.6	
* 31 TBA-d9 (IS)	46	2.102	2.102	0.000	96	71116	1000.0	1000.0	M
32 2-Methyl-2-propanol	59	2.148	2.148	0.000	42	88228	200.0	221.7	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Acrylonitrile	53	2.182	2.182	0.000	94	214028	200.0	190.3	
34 trans-1,2-Dichloroethene	96	2.216	2.216	0.000	90	93791	20.0	22.1	
35 Methyl tert-butyl ether	73	2.216	2.216	0.000	94	229067	20.0	20.6	
36 Hexane	43	2.376	2.376	0.000	91	60756	20.0	22.0	
37 1,1-Dichloroethane	63	2.468	2.468	0.000	98	131858	20.0	20.0	
38 Vinyl acetate	86	2.490	2.490	0.000	100	26621	40.0	45.0	
39 Isopropyl ether	45	2.513	2.513	0.000	75	193102	20.0	20.5	
40 2-Chloro-1,3-butadiene	88	2.525	2.525	0.000	87	75828	20.0	20.4	
41 Tert-butyl ethyl ether	87	2.742	2.742	0.000	90	103447	20.0	20.2	
* 42 2-Butanone-d5	46	2.822	2.822	0.000	74	231031	250.0	250.0	
43 cis-1,2-Dichloroethene	96	2.856	2.856	0.000	98	95391	20.0	20.3	
45 2-Butanone (MEK)	72	2.868	2.868	0.000	99	37226	100.0	94.6	
44 2,2-Dichloropropane	79	2.879	2.879	0.000	83	46465	20.0	20.9	
47 Ethyl acetate	70	2.879	2.879	0.000	98	13317	40.0	35.8	
46 Propionitrile	54	2.913	2.913	0.000	90	82618	200.0	222.4	
48 Methyl acrylate	55	2.925	2.925	0.000	63	58336	20.0	16.4	
50 Methacrylonitrile	67	3.016	3.016	0.000	86	256188	200.0	182.9	
49 Chlorobromomethane	128	3.028	3.028	0.000	84	45922	20.0	21.0	
51 Tetrahydrofuran	72	3.073	3.073	0.000	47	19689	40.0	41.1	
52 Chloroform	83	3.085	3.085	0.000	98	147468	20.0	20.6	
$ 53 Dibromofluoromethane (Surr)	113	3.210	3.210	0.000	97	155719	50.0	47.2	
54 1,1,1-Trichloroethane	97	3.245	3.245	0.000	97	141122	20.0	22.0	
55 Cyclohexane	84	3.302	3.302	0.000	84	143791	20.0	20.8	
56 1,1-Dichloropropene	75	3.359	3.359	0.000	96	114064	20.0	20.5	
57 Carbon tetrachloride	117	3.382	3.382	0.000	97	123315	20.0	23.0	
59 Isobutyl alcohol	74	3.439	3.439	0.000	94	6194	500.0	390.9	a
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.473	3.473	0.000	0	147393	50.0	46.2	
60 Benzene	78	3.531	3.531	0.000	93	332299	20.0	20.6	
61 1,2-Dichloroethane	62	3.542	3.542	0.000	91	90639	20.0	19.3	
63 Isopropyl acetate	61	3.588	3.588	0.000	53	28294	20.0	18.5	a
62 Isooctane	57	3.599	3.599	0.000	96	300714	20.0	18.1	
64 Tert-amyl methyl ether	73	3.622	3.622	0.000	91	231713	20.0	19.4	
66 n-Heptane	43	3.771	3.771	0.000	45	99684	20.0	20.3	a
* 65 Fluorobenzene	96	3.771	3.771	0.000	98	683163	50.0	50.0	
67 n-Butanol	56	4.033	4.033	0.000	38	34356	500.0	357.7	
68 Trichloroethene	95	4.102	4.102	0.000	95	83082	20.0	19.0	
69 Ethyl acrylate	55	4.193	4.193	0.000	98	56745	20.0	16.2	
70 Methylcyclohexane	83	4.296	4.296	0.000	92	166900	20.0	21.8	
71 1,2-Dichloropropane	63	4.308	4.308	0.000	93	67076	20.0	18.1	
74 1,4-Dioxane	88	4.433	4.433	0.000	28	12420	400.0	349.9	a
* 72 1,4-Dioxane-d8	96	4.399	4.399	0.000	28	22223	1000.0	1000.0	M
73 Dibromomethane	93	4.422	4.422	0.000	94	44238	20.0	17.6	
75 Methyl methacrylate	69	4.433	4.433	0.000	79	79992	40.0	35.3	
76 n-Propyl acetate	43	4.491	4.491	0.000	94	60318	20.0	16.4	
77 Dichlorobromomethane	83	4.582	4.582	0.000	97	95557	20.0	18.7	
78 2-Nitropropane	41	4.822	4.822	0.000	94	20955	40.0	29.1	
79 2-Chloroethyl vinyl ether	63	4.925	4.925	0.000	80	15186	20.0	7.08	
80 Epichlorohydrin	57	4.959	4.959	0.000	98	58467	400.0	187.9	
81 cis-1,3-Dichloropropene	75	5.062	5.062	0.000	87	103591	20.0	17.8	
82 4-Methyl-2-pentanone (MIBK)	43	5.256	5.256	0.000	94	245841	100.0	101.3	
$ 83 Toluene-d8 (Surr)	98	5.371	5.371	0.000	100	556717	50.0	44.9	
84 Toluene	91	5.451	5.451	0.000	92	331931	20.0	19.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	5.714	5.714	0.000	95	79464	20.0	16.9	
86 Ethyl methacrylate	69	5.874	5.874	0.000	86	74755	20.0	18.8	
87 1,1,2-Trichloroethane	83	5.931	5.931	0.000	95	47156	20.0	18.3	
88 Tetrachloroethene	166	6.114	6.114	0.000	95	82916	20.0	21.3	
89 1,3-Dichloropropane	76	6.148	6.148	0.000	91	84189	20.0	17.9	
90 2-Hexanone	43	6.297	6.297	0.000	91	141602	100.0	94.6	
91 Chlorodibromomethane	129	6.422	6.422	0.000	96	66799	20.0	20.0	
92 n-Butyl acetate	43	6.491	6.491	0.000	96	62231	20.0	16.8	
93 Ethylene Dibromide	107	6.548	6.548	0.000	96	59330	20.0	19.5	
S 139 1,3-Dichloropropene, Total	1				0		40.0	34.7	
* 94 Chlorobenzene-d5	117	7.211	7.211	0.000	83	458060	50.0	50.0	
95 Chlorobenzene	112	7.245	7.245	0.000	96	203122	20.0	20.0	
96 1,1,1,2-Tetrachloroethane	131	7.382	7.382	0.000	95	85979	20.0	21.4	
97 Ethylbenzene	106	7.439	7.439	0.000	97	116824	20.0	20.3	
98 m-Xylene & p-Xylene	106	7.611	7.611	0.000	0	140820	20.0	20.3	
99 o-Xylene	106	8.182	8.182	0.000	94	154665	20.0	21.5	
100 Styrene	104	8.205	8.205	0.000	96	209424	20.0	19.4	
101 n-Butyl acrylate	73	8.240	8.240	0.000	97	47595	20.0	19.8	
102 Bromoform	173	8.434	8.434	0.000	97	43541	20.0	21.2	
103 Amyl acetate (mixed isomers)	43	8.617	8.617	0.000	92	85104	20.0	19.1	
104 Isopropylbenzene	105	8.777	8.777	0.000	94	403726	20.0	23.4	
$ 105 4-Bromofluorobenzene	174	8.971	8.971	0.000	93	173836	50.0	51.0	
106 Bromobenzene	156	9.177	9.177	0.000	92	92846	20.0	19.7	
107 1,1,2,2-Tetrachloroethane	83	9.257	9.257	0.000	98	84041	20.0	18.5	
108 1,2,3-Trichloropropane	110	9.291	9.291	0.000	97	24055	20.0	18.3	
109 trans-1,4-Dichloro-2-butene	53	9.360	9.360	0.000	91	14521	20.0	14.9	
110 N-Propylbenzene	91	9.428	9.428	0.000	99	474524	20.0	20.4	
111 2-Chlorotoluene	91	9.508	9.508	0.000	96	292822	20.0	21.1	
112 4-Ethyltoluene	105	9.623	9.623	0.000	99	415247	20.0	21.1	
113 4-Chlorotoluene	91	9.691	9.691	0.000	96	296982	20.0	20.2	
114 1,3,5-Trimethylbenzene	105	9.737	9.737	0.000	92	370512	20.0	21.3	
115 Butyl Methacrylate	87	9.988	9.988	0.000	85	93041	20.0	17.9	
116 tert-Butylbenzene	119	10.228	10.228	0.000	94	285061	20.0	19.6	
117 1,2,4-Trimethylbenzene	105	10.297	10.297	0.000	97	370941	20.0	20.5	
118 sec-Butylbenzene	105	10.514	10.514	0.000	99	480657	20.0	21.1	
119 1,3-Dichlorobenzene	146	10.594	10.594	0.000	98	160571	20.0	18.1	
* 121 1,4-Dichlorobenzene-d4	152	10.674	10.674	0.000	94	252520	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.697	10.697	0.000	96	156590	20.0	18.2	
120 4-Isopropyltoluene	119	10.697	10.697	0.000	98	428792	20.0	21.5	
166 1,2,3-Trimethylbenzene	105	10.777	10.777	0.000	100	390214	20.0	19.9	
124 Benzyl chloride	91	10.846	10.846	0.000	99	128121	20.0	15.9	
125 2,3-Dihydroindene	117	10.948	10.948	0.000	94	352940	20.0	20.2	
127 1,2-Dichlorobenzene	146	11.051	11.051	0.000	98	169768	20.0	18.7	
126 p-Diethylbenzene	119	11.074	11.074	0.000	94	262786	20.0	22.3	
128 n-Butylbenzene	92	11.086	11.086	0.000	97	210473	20.0	20.2	
130 1,2-Dibromo-3-Chloropropane	157	11.668	11.668	0.000	87	23082	20.0	21.8	
129 1,2,4,5-Tetramethylbenzene	119	11.680	11.680	0.000	97	328534	20.0	16.9	
131 1,3,5-Trichlorobenzene	180	11.828	11.828	0.000	96	111192	20.0	14.6	
132 1,2,4-Trichlorobenzene	180	12.206	12.206	0.000	95	42124	20.0	5.83	
133 Hexachlorobutadiene	225	12.320	12.320	0.000	91	71969	20.0	22.1	
134 Naphthalene	128	12.343	12.343	0.000	99	73369	20.0	3.96	
135 1,2,3-Trichlorobenzene	180	12.491	12.491	0.000	95	51944	20.0	7.08	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		40.0	42.5	
S 137 Xylenes, Total	100				0		40.0	41.8	
S 138 Total BTEX	1				0		100.0	102.5	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

524FREONS_00022	Amount Added:	2.00	Units: uL	
ACROLEIN W_00172	Amount Added:	3.00	Units: uL	
GASES Li_00598	Amount Added:	2.00	Units: uL	
8260MIX1COMB_00192	Amount Added:	2.00	Units: uL	
8260ISNEW_00175	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00249	Amount Added:	1.00	Units: uL	Run Reagent

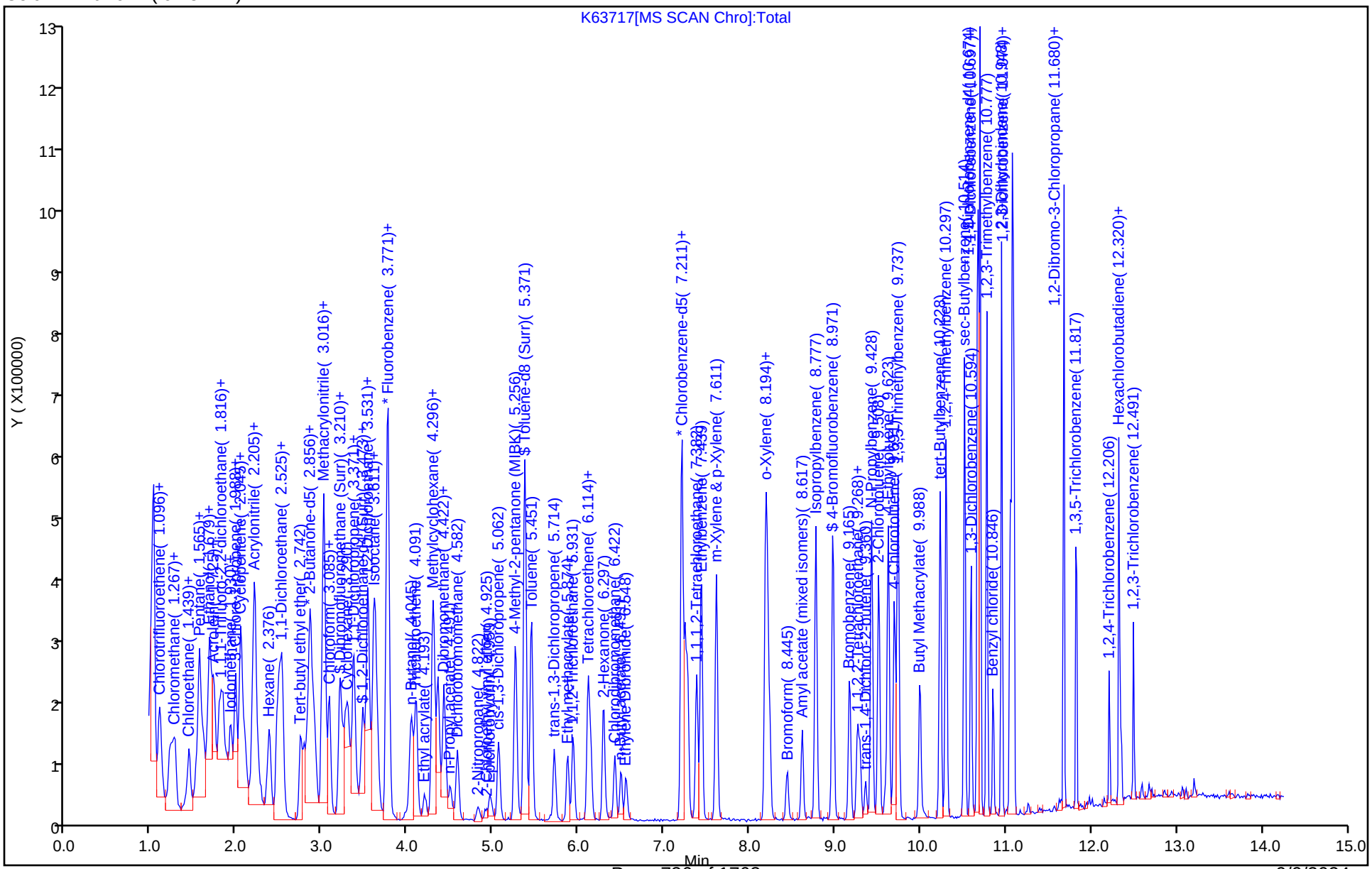
Report Date: 21-Aug-2024 10:07:31 Chrom Revision: 2.3 16-Jul-2024 14:17:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240820-179806.b\K63717.D

Injection Date:	20-Aug-2024 08:52:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	CCVIS			Worklist Smp#:	2
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8260S9	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



9/9/2024
1:05:41 PM

Eurofins Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS17\20240820-179823.b\TT84224.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	20-Aug-2024 16:03:30	ALS Bottle#:	99	Worklist Smp#:	1
Injection Vol:	5.0 mL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	460-0179823-001				
Operator ID:		Instrument ID:	CVOAMS17		
Method:	\\chromfs\Edison\ChromData\CVOAMS17\20240820-179823.b\8260W_17.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	21-Aug-2024 20:49:03	Calib Date:	20-Aug-2024 20:26:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS17\20240820-179823.b\TT84233.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS Quad		
Process Host:	CTX1634				
First Level Reviewer: NN6A		Date:	20-Aug-2024 16:11:50		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

$ 141 BFB

Reagents:

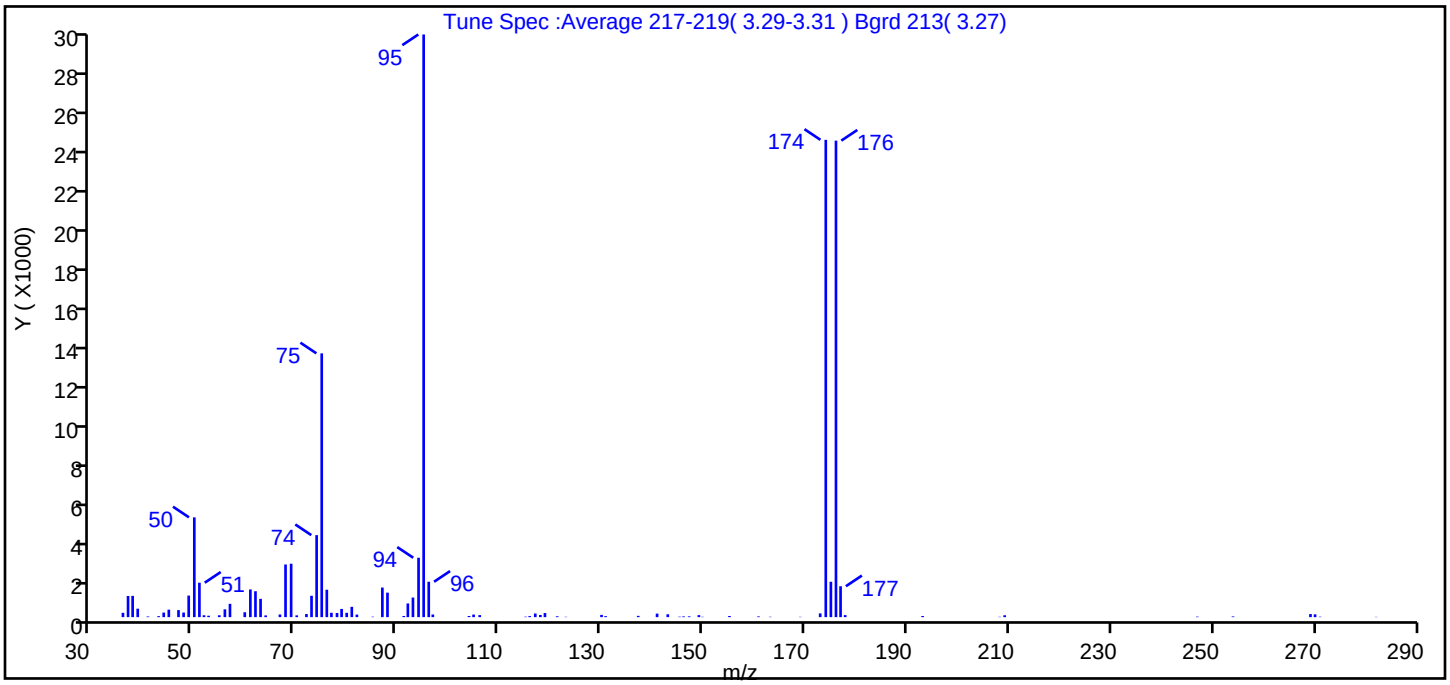
BFB_00036 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240820-179823.b\TT84224.D
Injection Date: 20-Aug-2024 16:03:30 Instrument ID: CVOAMS17
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Tune Method: BFB Method 8260D

$ 141 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	50 to 200% of m/z 174	100.0 (122.1)
96	5 to 9% of m/z 95	6.1
173	<2% of m/z 174	0.6 (0.8)
174	50 to 200% of m/z 95	81.9
175	5 to 9% of m/z 174	6.1 (7.4)
176	95 to 105% of m/z 174	81.8 (99.8)
177	5 to 10% of m/z 176	5.3 (6.5)

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240820-179823.b\TT84224.D\8260W_17.rslt\spectra.d
Injection Date: 20-Aug-2024 16:03:30
Spectrum: Tune Spec :Average 217-219(3.29-3.31) Bgrd 213(3.27)
Base Peak: 95.10
Minimum % Base Peak: 0
Number of Points: 87

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	218	64.00	87	94.00	2986	149.00	101
37.00	1065	67.00	133	95.00	29288	150.00	18
38.00	1069	68.00	2647	96.00	1779	155.00	58
39.00	425	69.00	2686	97.00	133	161.00	36
41.00	34	70.00	90	104.00	58	163.00	19
43.00	50	72.00	156	105.00	129	169.00	17
44.00	229	73.00	1074	106.00	103	173.00	189
45.00	376	74.00	4123	115.00	23	174.00	23992
47.00	354	75.00	13260	116.00	53	175.00	1779
48.00	231	76.00	1378	117.00	182	176.00	23952
49.00	1084	77.00	218	118.00	109	177.00	1554
50.00	5016	78.00	208	119.00	205	178.00	103
51.00	1731	79.00	413	121.00	44	193.00	56
52.00	95	80.00	217	123.00	17	208.00	17
53.00	72	81.00	518	130.00	114	209.00	94
55.00	94	82.00	130	131.00	50	247.00	26
56.00	393	85.00	22	137.00	65	254.00	35
57.00	669	87.00	1488	141.00	177	269.00	155
60.00	247	88.00	1232	143.00	144	270.00	141
61.00	1393	91.00	58	145.00	23	271.00	22
62.00	1303	92.00	688	146.00	36	282.00	13
63.00	920	93.00	985	147.00	39		

Eurofins Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20240823-179979.b\B14056.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	23-Aug-2024 13:46:30	ALS Bottle#:	99	Worklist Smp#:	1
Injection Vol:	5.0 mL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	460-0179979-001				
Operator ID:		Instrument ID:	CVOAMS2		
Method:	\\chromfs\Edison\ChromData\CVOAMS2\20240823-179979.b\8260S_2.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	23-Aug-2024 20:02:43	Calib Date:	23-Aug-2024 16:52:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS2\20240823-179979.b\B14063.D				
Column 1 :	DB-624 (0.18 mm)		Det: MS SCAN		
Process Host:	CTX1664				
First Level Reviewer: PUV6		Date:	23-Aug-2024 14:03:28		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

$ 136 BFB

QC Flag Legend

Processing Flags

Reagents:

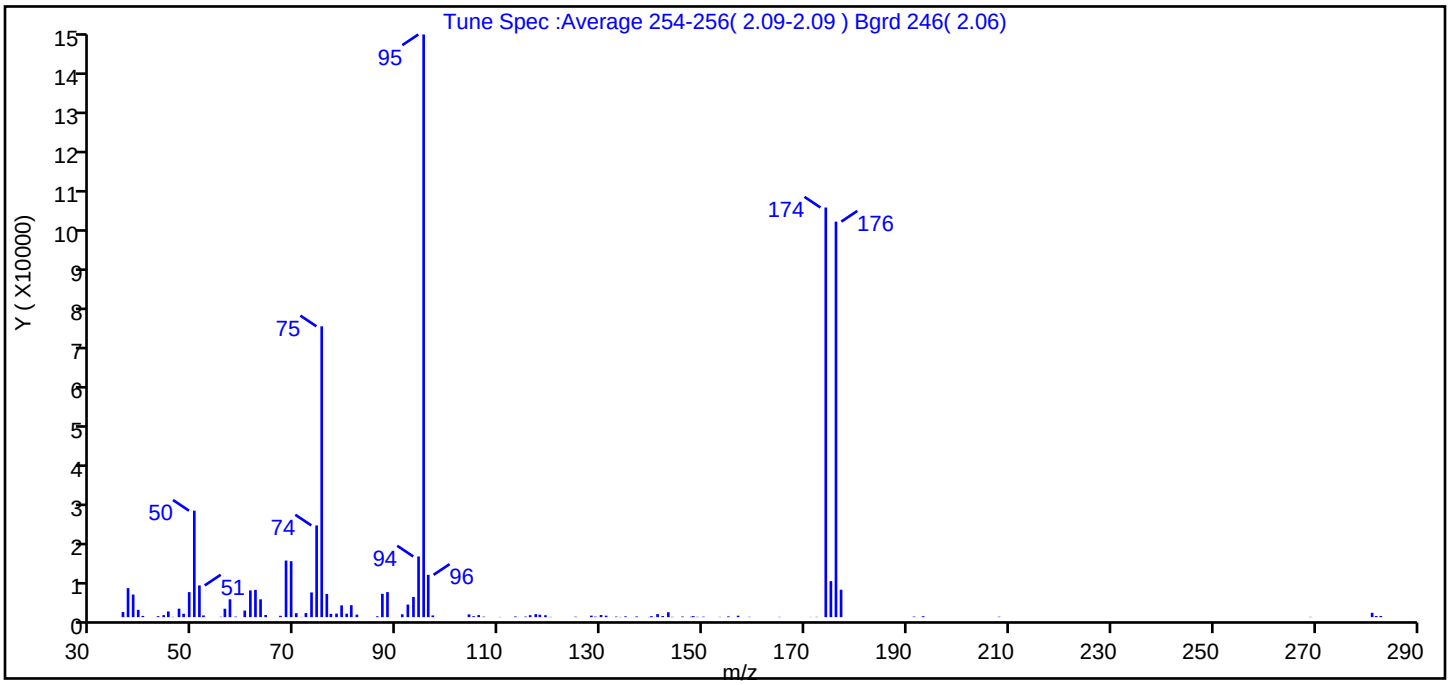
BFB_00036 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS2\20240823-179979.b\B14056.D				
Injection Date:	23-Aug-2024 13:46:30	Instrument ID:	CVOAMS2		
Lims ID:	BFB				
Client ID:					
Operator ID:		ALS Bottle#:	99	Worklist Smp#:	1
Injection Vol:	5.0 mL	Dil. Factor:	1.0000		
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		
Tune Method:	BFB Method 8260D				

$ 136 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	50 to 200% of m/z 174	100.0 (142.2)
96	5 to 9% of m/z 95	7.3
173	<2% of m/z 174	0.0 (0.0)
174	50 to 200% of m/z 95	70.3
175	5 to 9% of m/z 174	6.2 (8.8)
176	95 to 105% of m/z 174	67.9 (96.6)
177	5 to 10% of m/z 176	4.7 (6.9)

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20240823-179979.b\B14056.D\8260S_2.rslt\spectra.d
Injection Date: 23-Aug-2024 13:46:30
Spectrum: Tune Spec :Average 254-256(2.09-2.09) Bgrd 246(2.06)
Base Peak: 95.10
Minimum % Base Peak: 0
Number of Points: 100

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1234	68.00	13706	104.00	667	143.00	1191
37.00	7031	69.00	13543	105.00	228	144.00	74
38.00	5472	70.00	960	106.00	494	146.00	150
39.00	1772	71.00	56	107.00	123	148.00	108
40.00	300	72.00	990	110.00	53	148.00	245
43.00	231	73.00	5980	113.00	168	149.00	77
44.00	488	74.00	22208	115.00	132	150.00	116
45.00	1372	75.00	70408	116.00	475	153.00	67
46.00	75	76.00	5625	117.00	728	155.00	181
47.00	2053	77.00	787	118.00	586	157.00	346
48.00	823	78.00	868	119.00	459	159.00	80
49.00	6059	79.00	2856	120.00	63	165.00	70
50.00	25776	80.00	837	125.00	107	171.00	51
51.00	7681	81.00	2895	128.00	365	172.00	70
52.00	404	82.00	614	129.00	127	174.00	99168
55.00	92	86.00	209	130.00	524	175.00	8725
56.00	2032	87.00	5650	131.00	349	176.00	95752
57.00	4329	88.00	6065	133.00	132	177.00	6637
58.00	135	91.00	684	134.00	52	191.00	136
60.00	1587	92.00	3046	135.00	188	193.00	225
61.00	6468	93.00	4895	137.00	173	208.00	108
62.00	6600	94.00	14692	139.00	55	269.00	67
63.00	4320	95.00	141056	140.00	233	281.00	1056
64.00	510	96.00	10247	141.00	745	282.00	278
67.00	327	97.00	413	142.00	266	283.00	287

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20240819-179789.b\D18717.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 19-Aug-2024 22:32:30 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20240819-179789.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 20-Aug-2024 18:37:23 Calib Date: 20-Aug-2024 03:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20240819-179789.b\D18726.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1644

First Level Reviewer: HVW2 Date: 19-Aug-2024 22:45:17

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 137 BFB	95	2.963	2.963	0.000	0	27797	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

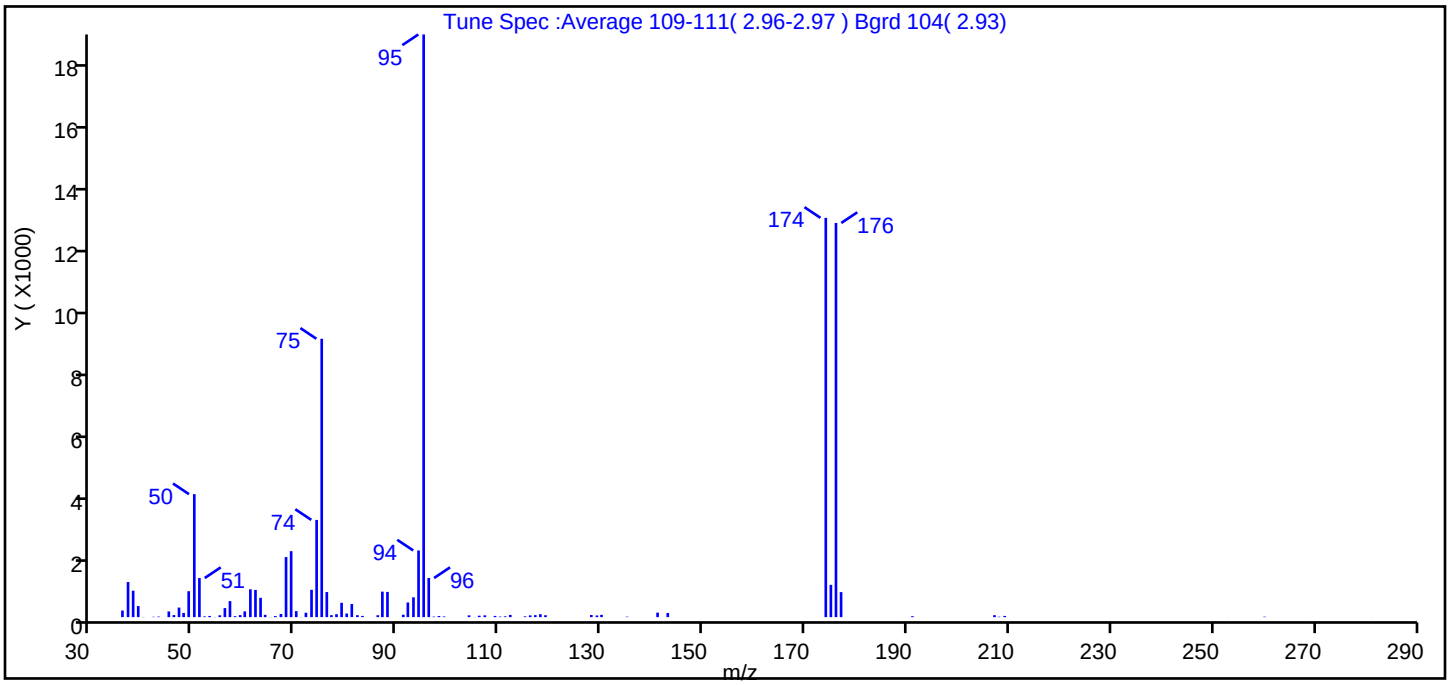
BFB_00036 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20240819-179789.b\D18717.D
Injection Date: 19-Aug-2024 22:32:30 Instrument ID: CVOAMS4
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid
Tune Method: BFB Method 8260

$ 137 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	21.1
75	30 to 60% of m/z 95	47.8
96	5 to 9% of m/z 95	6.7
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	68.5
175	5 to 9% of m/z 174	5.5 (8.1)
176	Greater than 95% but less than 101% of m/z 174	67.7 (98.7)
177	5 to 9% of m/z 176	4.3 (6.3)

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20240819-179789.b\D18717.D\8260S_4.rslt\spectra.d
Injection Date: 19-Aug-2024 22:32:30
Spectrum: Tune Spec :Average 109-111(2.96-2.97) Bgrd 104(2.93)
Base Peak: 95.10
Minimum % Base Peak: 0
Number of Points: 89

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	211	61.00	888	86.00	61	118.00	93
37.00	1120	62.00	868	87.00	813	119.00	61
38.00	844	63.00	616	88.00	805	128.00	68
39.00	353	64.00	74	91.00	77	129.00	53
40.00	5	65.00	5	92.00	468	130.00	73
42.00	11	66.00	35	93.00	633	135.00	15
43.00	17	67.00	100	94.00	2126	141.00	144
45.00	182	68.00	1916	95.00	18576	143.00	133
46.00	66	69.00	2104	96.00	1248	174.00	12730
47.00	305	70.00	192	97.00	17	175.00	1030
48.00	134	71.00	4	98.00	35	176.00	12567
49.00	827	72.00	141	99.00	21	177.00	798
50.00	3921	73.00	872	104.00	57	191.00	30
51.00	1247	74.00	3100	105.00	3	207.00	63
52.00	23	75.00	8875	106.00	46	208.00	14
53.00	38	76.00	800	107.00	57	209.00	39
54.00	5	77.00	63	109.00	39	253.00	2
55.00	59	78.00	94	110.00	18	260.00	15
56.00	289	79.00	458	111.00	25	269.00	1
57.00	511	80.00	115	112.00	70	281.00	2
58.00	31	81.00	418	115.00	25		
59.00	64	82.00	63	116.00	56		
60.00	184	83.00	40	117.00	63		

Eurofins Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS9\20240726-178899.b\K62750.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	26-Jul-2024 23:38:30	ALS Bottle#:	99	Worklist Smp#:	1
Injection Vol:	5.0 mL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	460-0178899-001				
Operator ID:		Instrument ID:	CVOAMS9		
Method:	\\chromfs\Edison\ChromData\CVOAMS9\20240726-178899.b\8260S9.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	28-Jul-2024 12:35:55	Calib Date:	27-Jul-2024 02:33:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS9\20240726-178899.b\K62757.D				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1627				
First Level Reviewer: HVW2		Date:	26-Jul-2024 23:49:49		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 140 BFB	95	2.783	2.783	0.000	97	100324	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

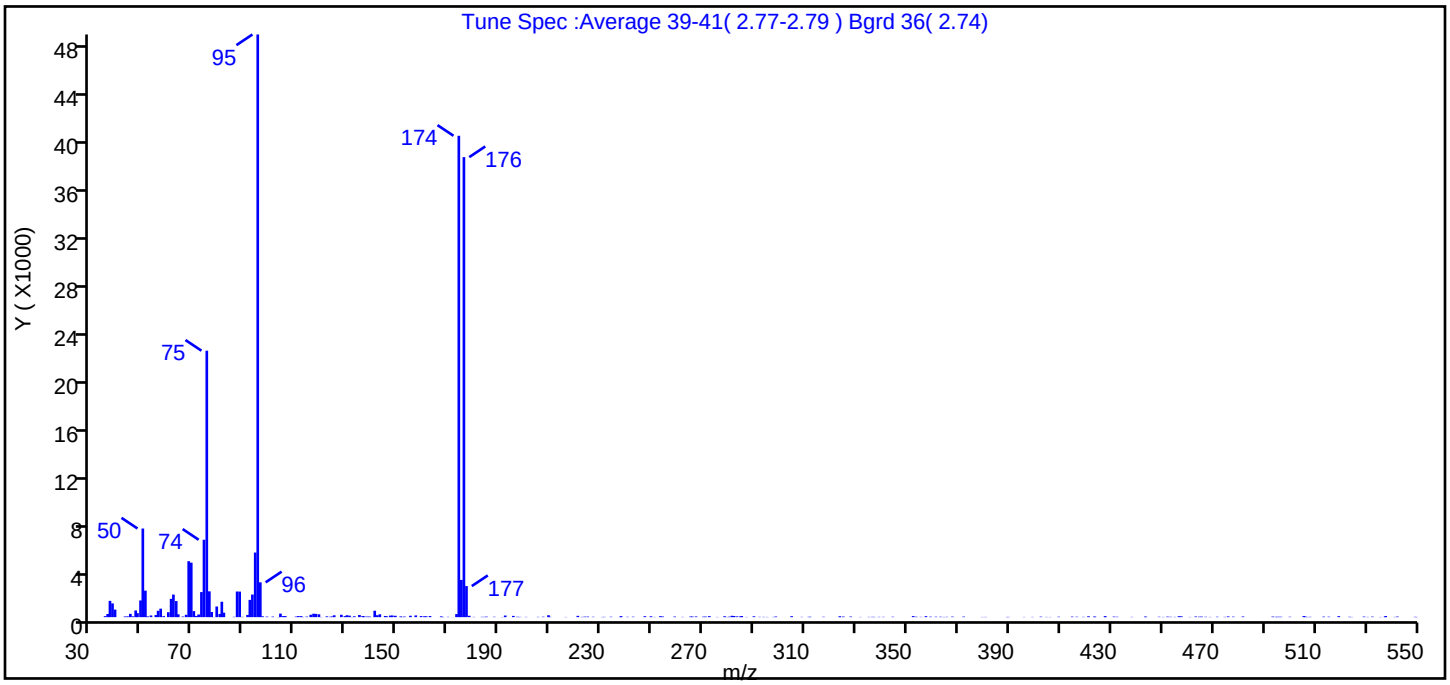
BFB_00036 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240726-178899.b\K62750.D
Injection Date: 26-Jul-2024 23:38:30 Instrument ID: CVOAMS9
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Tune Method: BFB Method 8260

$ 140 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	15.2
75	30 to 60% of m/z 95	45.7
96	5 to 9% of m/z 95	6.0
173	Less than 2% of m/z 174	0.5 (0.6)
174	50 to 120% of m/z 95	82.6
175	5 to 9% of m/z 174	6.4 (7.7)
176	Greater than 95% but less than 101% of m/z 174	79.0 (95.6)
177	5 to 9% of m/z 176	5.3 (6.8)

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240726-178899.b\K62750.D\8260S9.rslt\spectra.d
Injection Date: 26-Jul-2024 23:38:30
Spectrum: Tune Spec :Average 39-41(2.77-2.79) Bgrd 36(2.74)
Base Peak: 95.10
Minimum % Base Peak: 0
Number of Points: 262

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	84	118.00	271	227.00	30	389.00	17
36.00	259	119.00	237	230.00	17	390.00	19
37.00	1356	120.00	14	231.00	23	396.00	17
38.00	1143	122.00	64	234.00	34	399.00	20
39.00	628	124.00	33	237.00	29	402.00	41
43.00	56	124.00	55	238.00	84	405.00	19
44.00	63	125.00	153	240.00	27	406.00	16
45.00	275	128.00	197	242.00	37	409.00	36
46.00	67	129.00	84	247.00	79	415.00	44
47.00	555	130.00	158	249.00	72	416.00	34
48.00	332	131.00	124	251.00	17	419.00	25
49.00	1390	132.00	17	253.00	79	421.00	71
50.00	7376	133.00	72	254.00	52	423.00	49
51.00	2206	135.00	179	259.00	49	424.00	30
52.00	63	136.00	92	262.00	21	428.00	86
53.00	140	137.00	64	265.00	54	428.00	23
55.00	173	138.00	47	266.00	45	431.00	46
56.00	528	139.00	45	267.00	56	432.00	32
57.00	706	140.00	5	270.00	43	438.00	22
58.00	83	141.00	532	271.00	45	443.00	50
60.00	408	142.00	161	272.00	82	444.00	22
61.00	1524	143.00	236	275.00	17	449.00	33
62.00	1878	145.00	98	278.00	74	450.00	19
63.00	1339	146.00	66	279.00	17	452.00	44
64.00	235	147.00	126	280.00	41	453.00	31
66.00	50	148.00	138	281.00	112	455.00	21
67.00	197	149.00	115	282.00	95	457.00	77
68.00	4656	151.00	62	283.00	63	458.00	67
69.00	4534	152.00	20	284.00	61	461.00	18
70.00	502	153.00	47	285.00	91	463.00	54
71.00	100	155.00	116	287.00	17	465.00	38
72.00	222	157.00	142	290.00	70	466.00	44
73.00	2087	159.00	90	292.00	25	467.00	31

Report Date: 28-Jul-2024 12:35:55 Chrom Revision: 2.3 16-Jul-2024 14:17:34
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240726-178899.b\K62750.D\8260S9.rslt\spectra.d
Injection Date: 26-Jul-2024 23:38:30
Spectrum: Tune Spec :Average 39-41(2.77-2.79) Bgrd 36(2.74)
Base Peak: 95.10
Minimum % Base Peak: 0
Number of Points: 262

m/z	Y	m/z	Y	m/z	Y	m/z	Y
74.00	6442	160.00	73	294.00	23	469.00	19
75.00	22176	161.00	70	295.00	18	472.00	34
76.00	2147	163.00	91	298.00	20	475.00	24
77.00	428	167.00	63	298.00	52	476.00	61
78.00	10	168.00	20	305.00	80	478.00	40
79.00	884	170.00	25	309.00	22	482.00	54
80.00	265	172.00	7	311.00	25	493.00	48
81.00	1281	173.00	255	312.00	31	495.00	26
82.00	371	174.00	40064	317.00	31	495.00	26
86.00	27	175.00	3098	324.00	74	496.00	33
87.00	2133	176.00	38288	324.00	19	497.00	28
88.00	2126	177.00	2585	325.00	49	500.00	31
89.00	24	178.00	113	328.00	47	506.00	90
91.00	183	180.00	22	332.00	18	506.00	47
92.00	1436	183.00	26	335.00	22	507.00	18
93.00	1881	184.00	25	336.00	24	508.00	26
94.00	5377	185.00	40	337.00	21	513.00	44
95.00	48496	188.00	30	339.00	24	515.00	37
96.00	2898	191.00	13	341.00	25	519.00	82
97.00	67	192.00	134	344.00	33	524.00	31
99.00	46	195.00	103	352.00	88	524.00	17
101.00	47	197.00	33	354.00	36	529.00	46
103.00	12	198.00	21	355.00	23	531.00	20
104.00	294	200.00	21	357.00	79	532.00	42
105.00	86	205.00	24	359.00	39	536.00	17
106.00	89	207.00	36	361.00	35	537.00	25
110.00	45	209.00	158	363.00	33	538.00	96
111.00	87	210.00	27	364.00	19	541.00	20
112.00	85	216.00	17	366.00	26	542.00	48
113.00	17	221.00	107	368.00	43	549.00	24
114.00	44	222.00	21	372.00	45	550.00	19
116.00	198	223.00	42	379.00	18		
117.00	284	225.00	47	381.00	20		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-309671-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-991380/10

Matrix: Solid | Lab File ID: K63725.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 08/20/2024 12:25

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 991380 | Units: mg/Kg

Preparation Batch No.: | Instrument ID: VOAMS9

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	0.00026	U	0.0010	0.00026
100-41-4	Ethylbenzene	0.00020	U	0.0010	0.00020
108-88-3	Toluene	0.00023	U	0.0010	0.00023
1330-20-7	Xylenes, Total	0.00017	U	0.0020	0.00017
107-06-2	1,2-Dichloroethane	0.00030	U	0.0010	0.00030
1634-04-4	MTBE	0.00051	U	0.0010	0.00051
106-93-4	Ethylene Dibromide	0.00018	U	0.0010	0.00018
91-20-3	Naphthalene	0.00372		0.0015	0.00041
95-63-6	1,2,4-Trimethylbenzene	0.000332	J	0.0010	0.00025
108-67-8	1,3,5-Trimethylbenzene	0.00031	U	0.0010	0.00031
98-82-8	Isopropylbenzene	0.00029	U	0.0010	0.00029

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		65-138
460-00-4	4-Bromofluorobenzene	104		71-128
2037-26-5	Toluene-d8 (Surr)	94		71-126
1868-53-7	Dibromofluoromethane (Surr)	106		50-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240820-179806.b\K63725.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 20-Aug-2024 12:25:30 ALS Bottle#: 10 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0179806-010
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20240820-179806.b\8260S9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Aug-2024 10:11:44 Calib Date: 27-Jul-2024 02:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20240726-178899.b\K62757.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1646

First Level Reviewer: NN6A Date: 21-Aug-2024 10:11:44

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	46	2.102	2.102	0.000	96	65913	1000.0	1000.0	
* 42 2-Butanone-d5	46	2.822	2.822	0.000	99	173697	250.0	250.0	
$ 53 Dibromofluoromethane (Surr)	113	3.210	3.210	0.000	96	145179	50.0	53.1	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.473	3.473	0.000	0	123578	50.0	46.7	
* 65 Fluorobenzene	96	3.759	3.771	-0.012	99	566500	50.0	50.0	
* 72 1,4-Dioxane-d8	96	4.399	4.399	0.000	94	19367	1000.0	1000.0	
$ 83 Toluene-d8 (Surr)	98	5.371	5.371	0.000	99	487566	50.0	46.9	
* 94 Chlorobenzene-d5	117	7.199	7.211	-0.012	83	384160	50.0	50.0	
100 Styrene	104	8.205	8.205	0.000	73	2888		0.3186	
$ 105 4-Bromofluorobenzene	174	8.971	8.971	0.000	92	149183	50.0	52.2	
111 2-Chlorotoluene	91	9.508	9.508	0.000	44	2174		0.1930	
112 4-Ethyltoluene	105	9.611	9.623	-0.012	49	2424		0.1515	
113 4-Chlorotoluene	91	9.703	9.691	0.012	46	2905		0.2438	
117 1,2,4-Trimethylbenzene	105	10.297	10.297	0.000	63	4865		0.3316	
119 1,3-Dichlorobenzene	146	10.594	10.594	0.000	94	4350		0.6041	
* 121 1,4-Dichlorobenzene-d4	152	10.674	10.674	0.000	94	205113	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.697	10.697	0.000	94	6456		0.9213	
120 4-Isopropyltoluene	119	10.697	10.697	0.000	60	1797		0.1108	
166 1,2,3-Trimethylbenzene	105	10.777	10.777	0.000	77	3201		0.2014	
125 2,3-Dihydroindene	117	10.948	10.948	0.000	66	3037		0.2144	
127 1,2-Dichlorobenzene	146	11.051	11.051	0.000	83	3561		0.4819	
126 p-Diethylbenzene	119	11.074	11.074	0.000	87	2648		0.2762	
128 n-Butylbenzene	92	11.086	11.086	0.000	82	2252		0.2662	
129 1,2,4,5-Tetramethylbenzene	119	11.680	11.680	0.000	97	10047		0.6350	
131 1,3,5-Trichlorobenzene	180	11.828	11.828	0.000	85	6970		1.13	
132 1,2,4-Trichlorobenzene	180	12.217	12.206	0.011	81	12397		2.11	
134 Naphthalene	128	12.354	12.343	0.011	99	55985		3.72	
135 1,2,3-Trichlorobenzene	180	12.491	12.491	0.000	95	12061		2.02	

QC Flag Legend

Processing Flags

Reagents:

8260ISNEW_00175	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00249	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 21-Aug-2024 10:11:45 Chrom Revision: 2.3 16-Jul-2024 14:17:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240820-179806.b\K63725.D

Injection Date: 20-Aug-2024 12:25:30 Instrument ID: CVOAMS9 Operator ID:

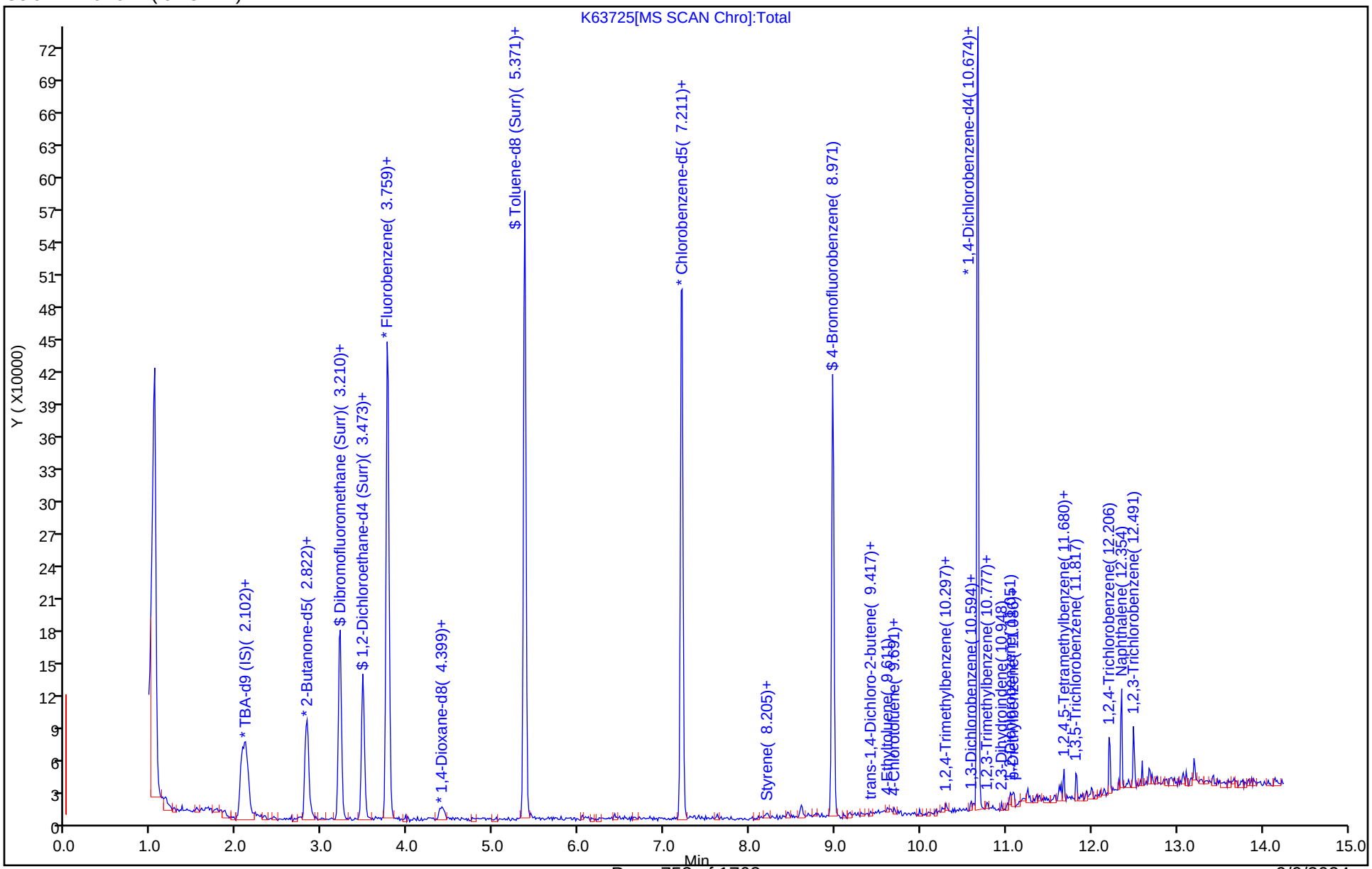
Lims ID: MB Worklist Smp#: 10

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 10

Method: 8260S9 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



9/9/2024
1:05:41 PM

Report Date: 21-Aug-2024 10:11:46 Chrom Revision: 2.3 16-Jul-2024 14:17:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240820-179806.b\K63725.D

Injection Date: 20-Aug-2024 12:25:30 Instrument ID: CVOAMS9

Lims ID: MB

Client ID:

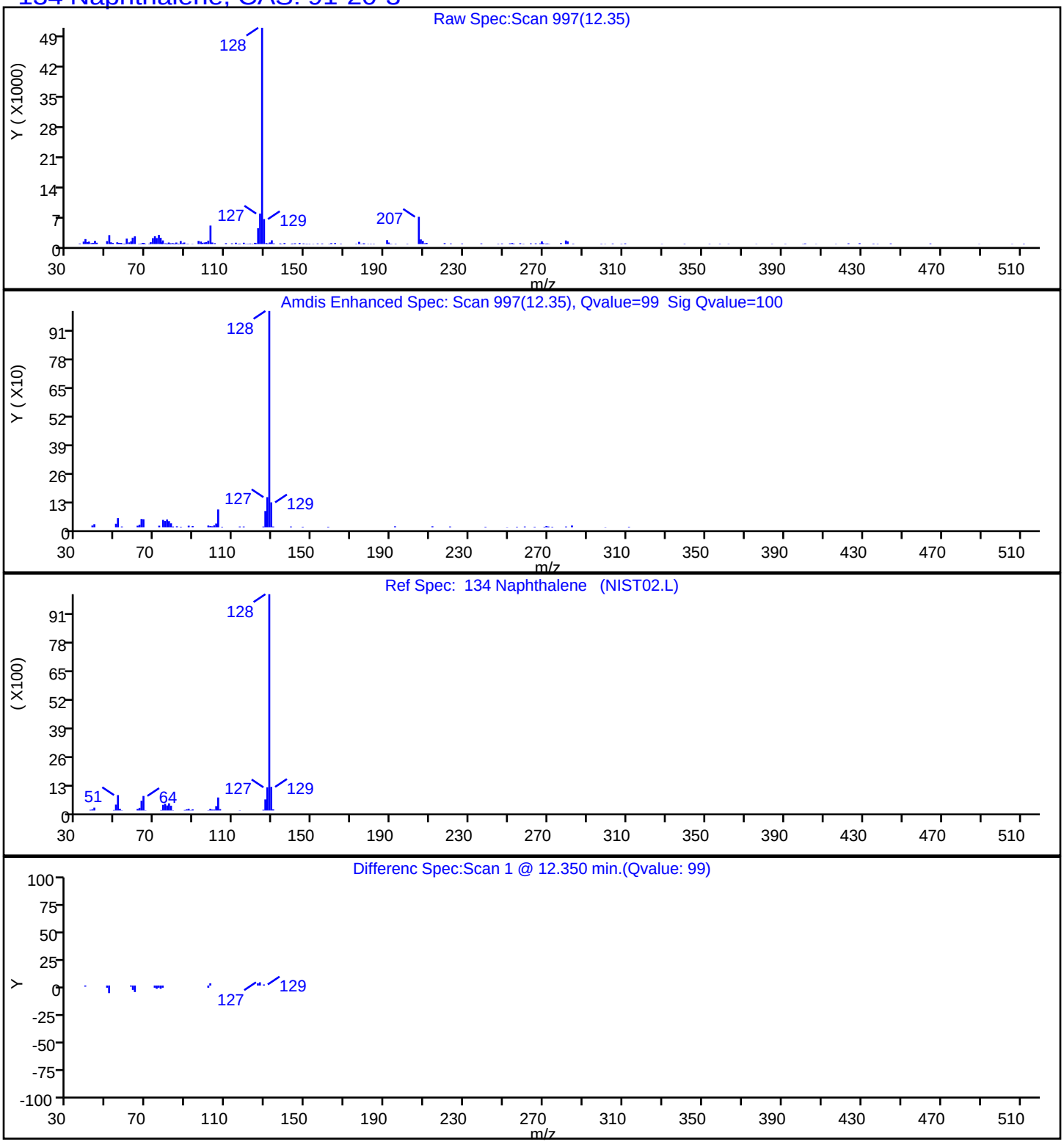
Operator ID: ALS Bottle#: 10 Worklist Smp#: 10

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S9 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm) Detector MS SCAN

134 Naphthalene, CAS: 91-20-3



Report Date: 21-Aug-2024 10:11:46 Chrom Revision: 2.3 16-Jul-2024 14:17:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240820-179806.b\K63725.D

Injection Date: 20-Aug-2024 12:25:30 Instrument ID: CVOAMS9

Lims ID: MB

Client ID:

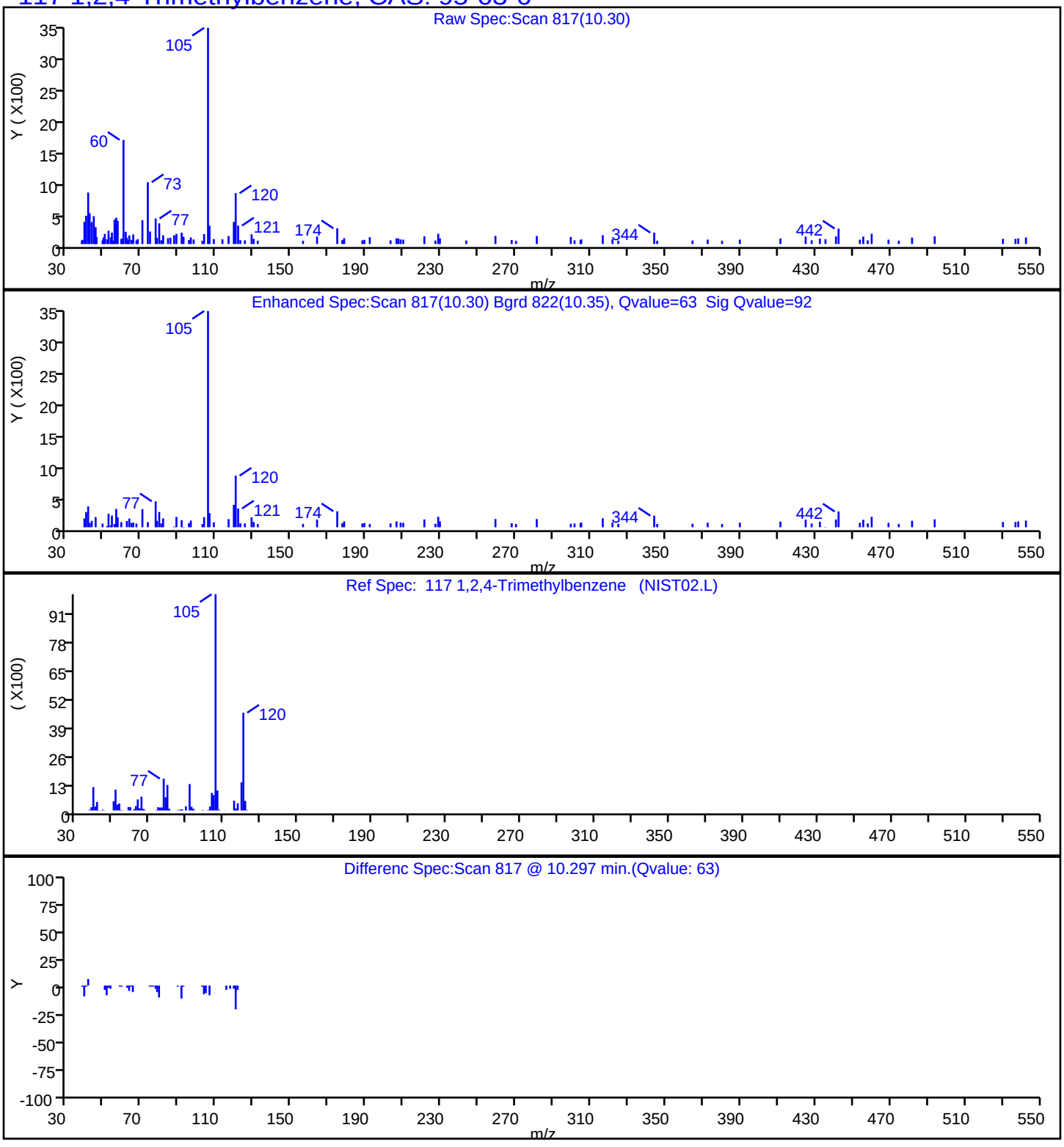
Operator ID: ALS Bottle#: 10 Worklist Smp#: 10

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S9 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm) Detector MS SCAN

117 1,2,4-Trimethylbenzene, CAS: 95-63-6



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-309671-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-991594/9

Matrix: Water | Lab File ID: TT84247.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 08/21/2024 08:53

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 991594 | Units: ug/L

Preparation Batch No.: | Instrument ID: VOAMS

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	0.20	U	1.0	0.20
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
108-88-3	Toluene	0.38	U	1.0	0.38
1330-20-7	Xylenes, Total	0.65	U	2.0	0.65
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
1634-04-4	MTBE	0.22	U	1.0	0.22
106-93-4	Ethylene Dibromide	0.50	U	1.0	0.50
91-20-3	Naphthalene	0.88	U	1.0	0.88
95-63-6	1,2,4-Trimethylbenzene	0.37	U	1.0	0.37
108-67-8	1,3,5-Trimethylbenzene	0.33	U	1.0	0.33
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		70-128
460-00-4	4-Bromofluorobenzene	100		76-120
2037-26-5	Toluene-d8 (Surr)	98		80-120
1868-53-7	Dibromofluoromethane (Surr)	98		77-132

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240821-179848.b\TT84247.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 21-Aug-2024 08:53:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0179848-009
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240821-179848.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-Aug-2024 11:10:02 Calib Date: 20-Aug-2024 20:26:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240820-179823.b\TT84233.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1626

First Level Reviewer: XE5L Date: 22-Aug-2024 11:10:02

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	2.917	2.905	0.012	0	10202	1000.0	1000.0	
* 42 2-Butanone-d5	46	3.923	3.923	0.000	0	64901	250.0	250.0	
$ 55 Dibromofluoromethane (Surr)	113	4.386	4.387	0.000	99	75209	50.0	48.9	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.722	4.722	0.000	0	66610	50.0	48.5	
* 66 Fluorobenzene	96	4.990	4.990	0.000	99	350311	50.0	50.0	
* 72 1,4-Dioxane-d8	96	5.667	5.661	0.006	0	8073	1000.0	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.624	6.630	-0.006	100	327332	50.0	49.2	
* 94 Chlorobenzene-d5	117	8.386	8.386	0.000	86	243523	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	9.861	9.861	0.000	94	97719	50.0	49.8	
* 121 1,4-Dichlorobenzene-d4	152	11.013	11.013	0.000	95	124040	50.0	50.0	

QC Flag Legend
Processing Flags

Reagents:
VOA6IS/SURR_00075 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 22-Aug-2024 11:10:02 Chrom Revision: 2.3 16-Jul-2024 14:17:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240821-179848.b\TT84247.D

Injection Date: 21-Aug-2024 08:53:30 Instrument ID: CVOAMS17

Lims ID: MB

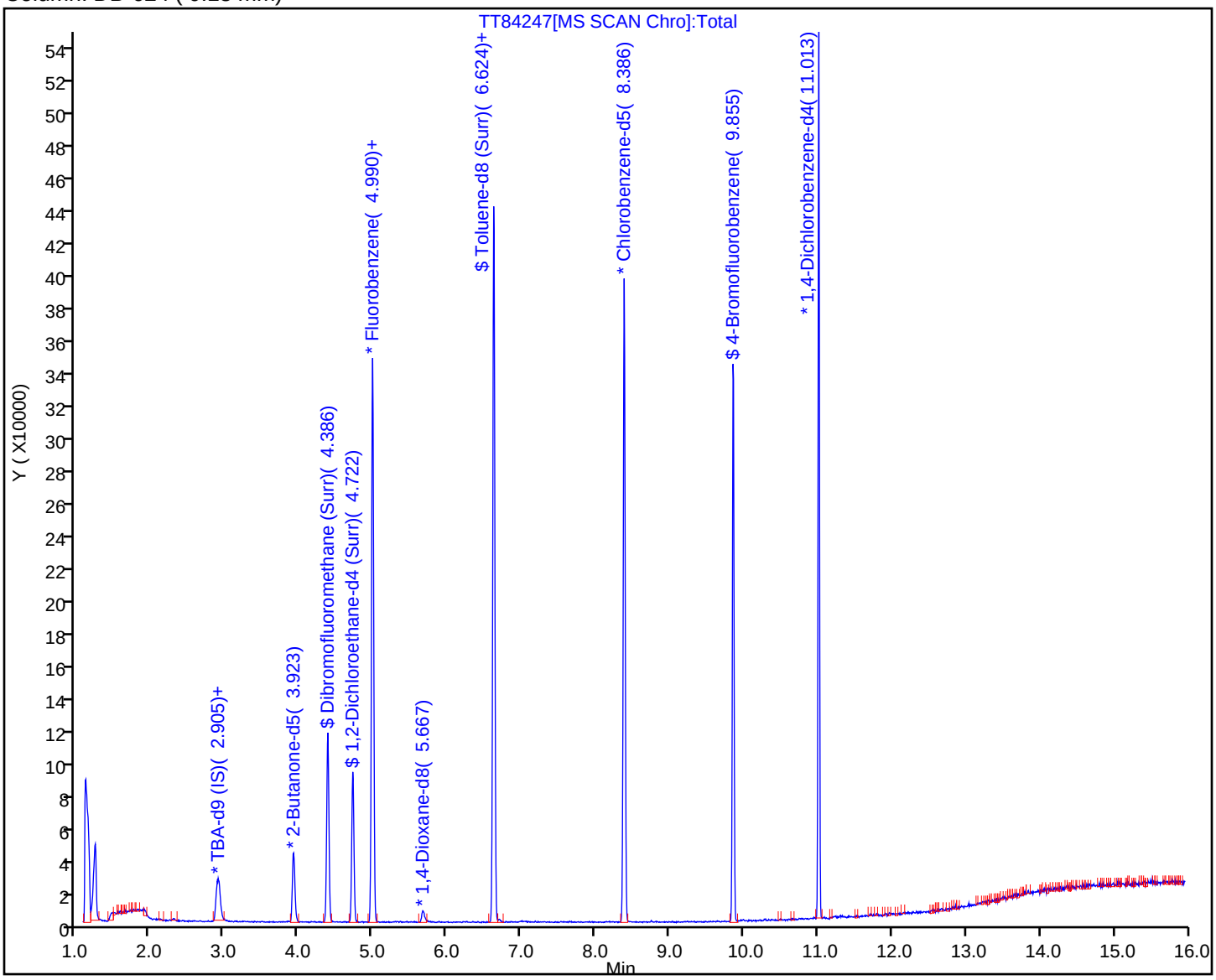
Client ID:

Operator ID: ALS Bottle#: 8 Worklist Smp#: 9

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



9/9/2024
1:05:41 PM

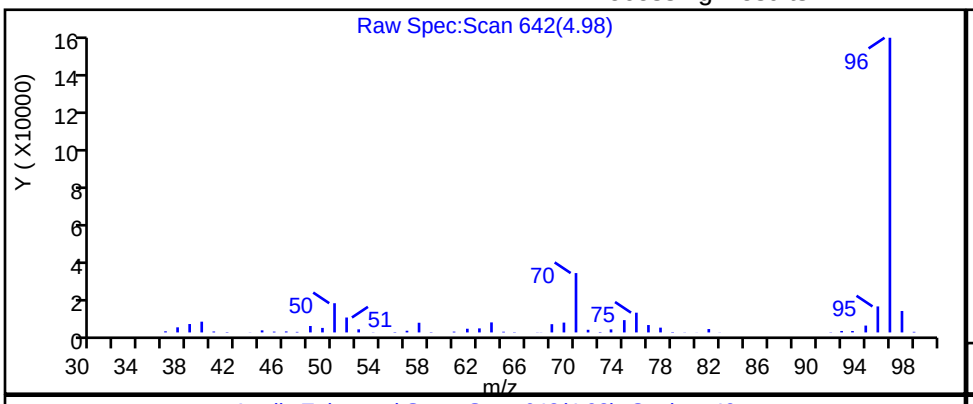
User Disabled Compound Report

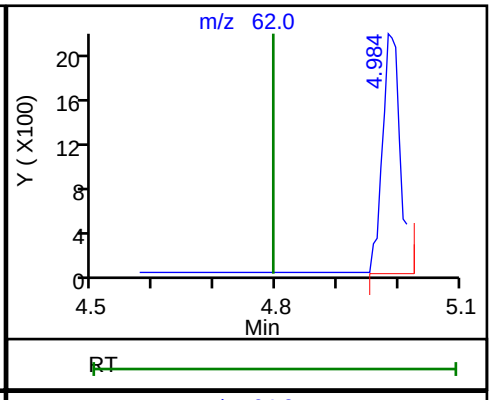
Eurofins Edison

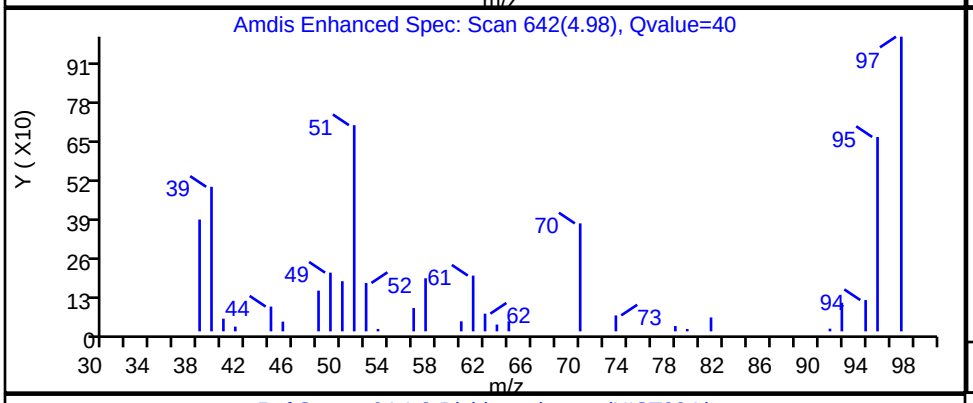
Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240821-179848.b\TT84247.D
Injection Date: 21-Aug-2024 08:53:30 Instrument ID: CVOAMS17
Lims ID: MB
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS Quad

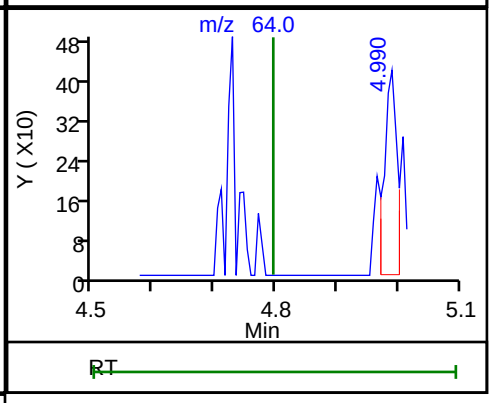
64 1,2-Dichloroethane, CAS: 107-06-2

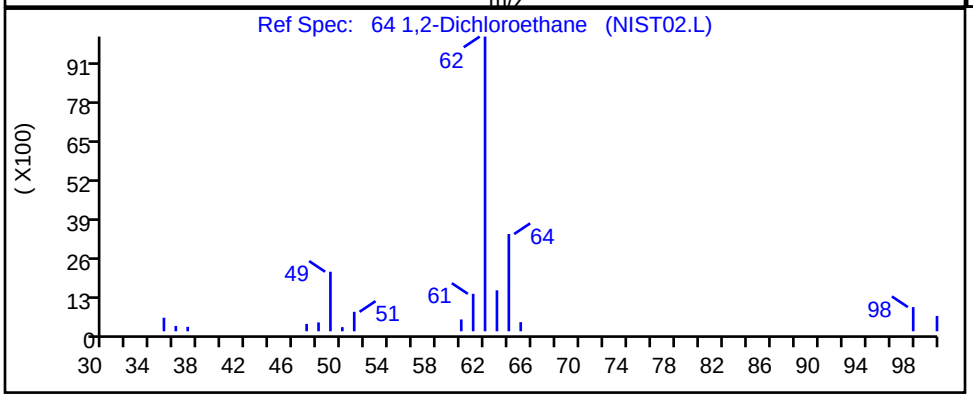
Processing Results











RT	Mass	Response	Amount
4.98	62.00	4160	2.411277
4.99	64.00	590	

Reviewer: XE5L, 22-Aug-2024 11:09:56 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-309671-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-992235/6

Matrix: Solid | Lab File ID: D18949.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 08/23/2024 21:51

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 992235 | Units: mg/Kg

Preparation Batch No.: | Instrument ID: VOAMS4

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	0.00026	U	0.0010	0.00026
100-41-4	Ethylbenzene	0.00020	U	0.0010	0.00020
108-88-3	Toluene	0.00023	U	0.0010	0.00023
1330-20-7	Xylenes, Total	0.00017	U	0.0020	0.00017
107-06-2	1,2-Dichloroethane	0.00030	U	0.0010	0.00030
1634-04-4	MTBE	0.00051	U	0.0010	0.00051
106-93-4	Ethylene Dibromide	0.00018	U	0.0010	0.00018
91-20-3	Naphthalene	0.00041	U	0.0015	0.00041
95-63-6	1,2,4-Trimethylbenzene	0.00025	U	0.0010	0.00025
108-67-8	1,3,5-Trimethylbenzene	0.00031	U	0.0010	0.00031
98-82-8	Isopropylbenzene	0.00029	U	0.0010	0.00029

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	111		65-138
460-00-4	4-Bromofluorobenzene	93		71-128
2037-26-5	Toluene-d8 (Surr)	102		71-126
1868-53-7	Dibromofluoromethane (Surr)	105		50-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20240823-179985.b\D18949.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 23-Aug-2024 21:51:30 ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0179985-006
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20240823-179985.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 23-Aug-2024 23:12:54 Calib Date: 20-Aug-2024 03:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20240819-179789.b\D18726.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1616

First Level Reviewer: HVW2 Date: 23-Aug-2024 23:13:20

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 29 TBA-d9 (IS)	65	3.362	3.362	0.000	0	376493	1000.0	1000.0	
* 41 2-Butanone-d5	46	4.651	4.651	0.000	37	353501	250.0	250.0	
$ 53 Dibromofluoromethane (Surr)	113	5.224	5.224	0.000	94	137369	50.0	52.5	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.647	5.647	0.000	97	155481	50.0	55.5	
* 63 Fluorobenzene	96	5.983	5.983	0.000	98	576281	50.0	50.0	
* 69 1,4-Dioxane-d8	96	6.843	6.843	0.000	0	31983	1000.0	1000.0	
$ 80 Toluene-d8 (Surr)	98	7.817	7.817	0.000	98	520544	50.0	51.2	
* 91 Chlorobenzene-d5	117	9.178	9.178	0.000	89	408227	50.0	50.0	
$ 102 4-Bromofluorobenzene	174	10.145	10.145	0.000	0	127488	50.0	46.5	
* 118 1,4-Dichlorobenzene-d4	152	11.012	11.005	0.007	98	207636	50.0	50.0	

Reagents:

8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00249 Amount Added: 1.00 Units: uL Run Reagent

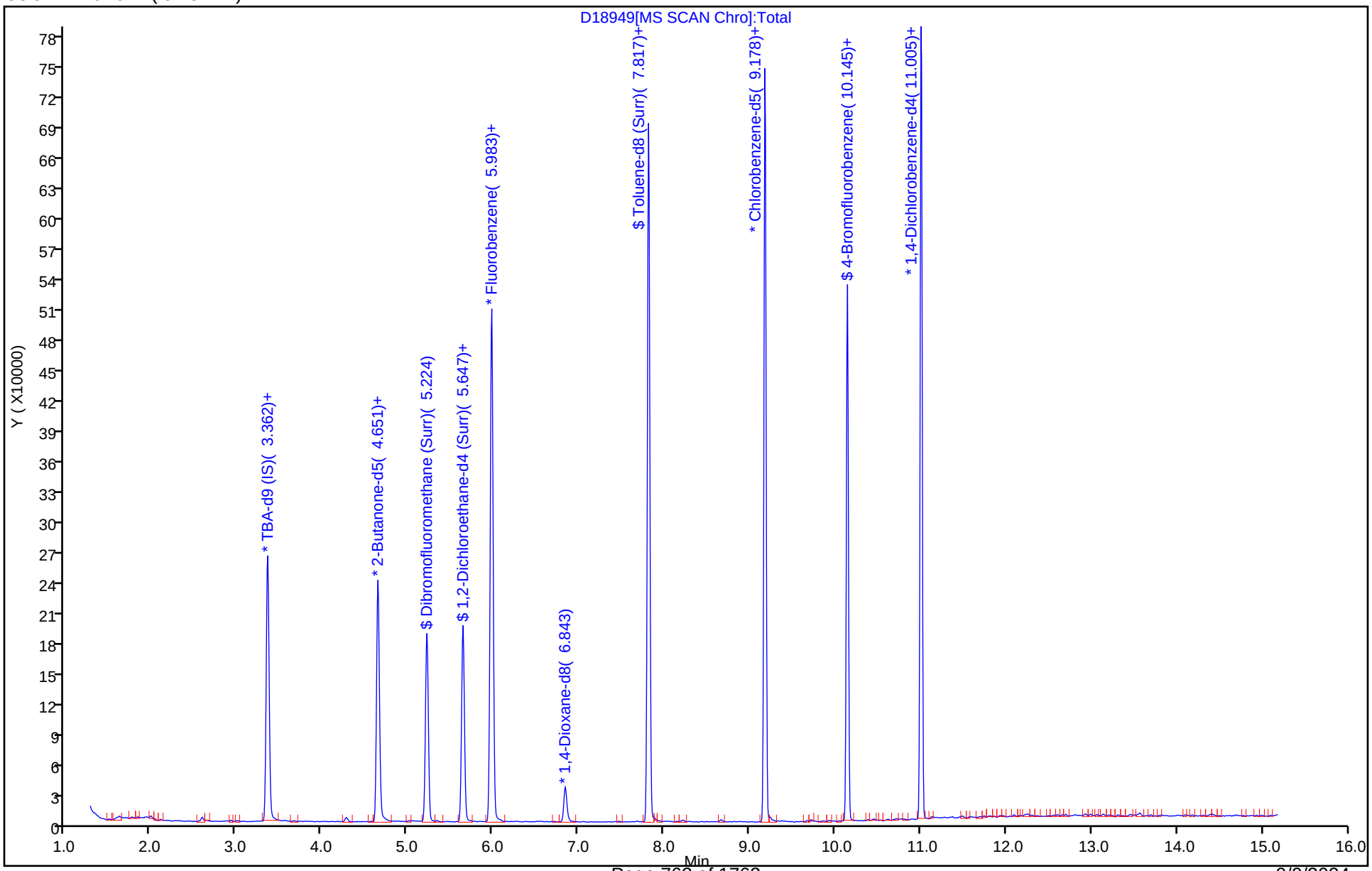
Report Date: 23-Aug-2024 23:13:20 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20240823-179985.b\D18949.D

Injection Date:	23-Aug-2024 21:51:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	MB			Worklist Smp#:	6
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8260S_4	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



9/9/2024
1:05:41 PM

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-309671-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-993062/26

Matrix: Solid | Lab File ID: B14242.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 08/28/2024 23:06

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 993062 | Units: mg/Kg

Preparation Batch No.: | Instrument ID: VOAMS2

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	0.00026	U	0.0010	0.00026
100-41-4	Ethylbenzene	0.00020	U	0.0010	0.00020
108-88-3	Toluene	0.00023	U	0.0010	0.00023
1330-20-7	Xylenes, Total	0.00017	U	0.0020	0.00017
107-06-2	1,2-Dichloroethane	0.00030	U	0.0010	0.00030
1634-04-4	MTBE	0.00051	U	0.0010	0.00051
106-93-4	Ethylene Dibromide	0.00018	U	0.0010	0.00018
91-20-3	Naphthalene	0.00041	U	0.0015	0.00041
95-63-6	1,2,4-Trimethylbenzene	0.00025	U	0.0010	0.00025
108-67-8	1,3,5-Trimethylbenzene	0.00031	U	0.0010	0.00031
98-82-8	Isopropylbenzene	0.00029	U	0.0010	0.00029

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	120		65-138
460-00-4	4-Bromofluorobenzene	93		71-128
2037-26-5	Toluene-d8 (Surr)	96		71-126
1868-53-7	Dibromofluoromethane (Surr)	116		50-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20240828-180187.b\B14242.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 28-Aug-2024 23:06:30 ALS Bottle#: 8 Worklist Smp#: 26
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0180187-026
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20240828-180187.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 28-Aug-2024 23:29:17 Calib Date: 23-Aug-2024 16:52:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20240823-179979.b\B14063.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1609

First Level Reviewer: C1JX Date: 28-Aug-2024 23:29:17

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	65	2.258	2.258	0.000	0	493773	1000.0	1000.0	
* 38 2-Butanone-d5	46	3.148	3.154	-0.006	0	447202	250.0	250.0	
48 Chloroform	83	3.459	3.465	-0.006	96	1841		0.4400	
$ 49 Dibromofluoromethane (Surr)	113	3.605	3.611	-0.006	96	151096	50.0	58.2	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	3.916	3.916	0.000	0	185205	50.0	59.9	
* 61 Fluorobenzene	96	4.257	4.263	-0.006	98	506140	50.0	50.0	
* 69 1,4-Dioxane-d8	96	5.013	5.019	-0.006	0	30493	1000.0	1000.0	
$ 79 Toluene-d8 (Surr)	98	6.092	6.092	0.000	99	555213	50.0	48.2	
* 90 Chlorobenzene-d5	117	7.787	7.787	0.000	88	393858	50.0	50.0	
$ 101 4-Bromofluorobenzene	174	8.860	8.860	0.000	90	155228	50.0	46.5	
* 116 1,4-Dichlorobenzene-d4	152	9.756	9.756	0.000	97	219827	50.0	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00249 Amount Added: 1.00 Units: uL Run Reagent

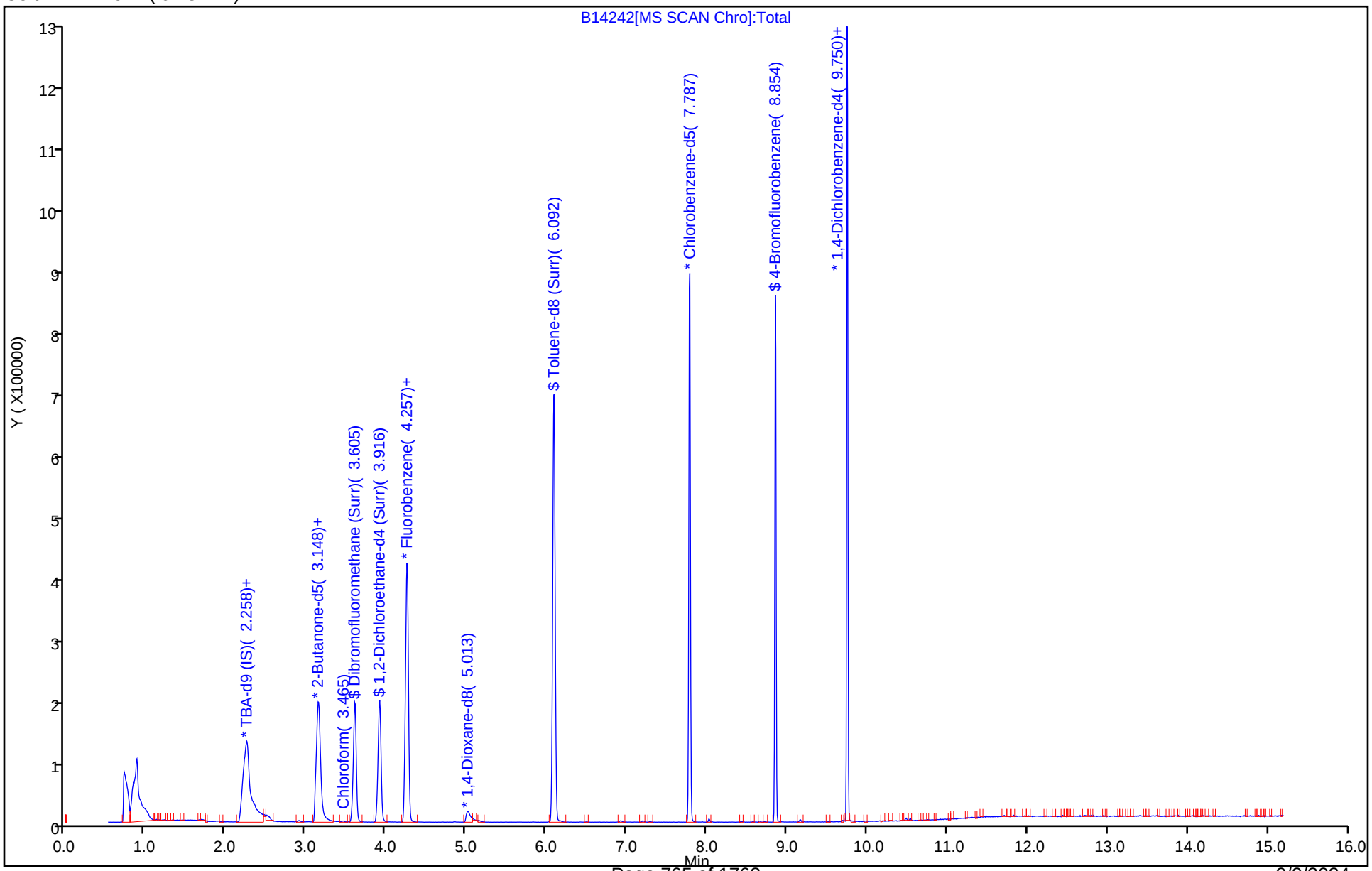
Report Date: 28-Aug-2024 23:29:18 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20240828-180187.b\B14242.D

Injection Date:	28-Aug-2024 23:06:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	MB			Worklist Smp#:	26
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



9/9/2024
1:05:41 PM

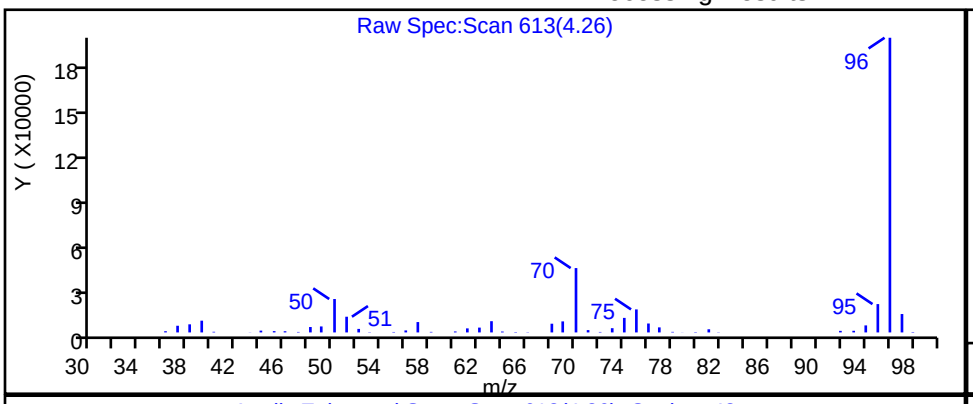
User Disabled Compound Report

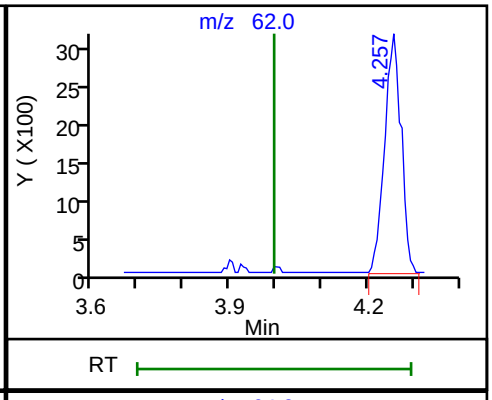
Eurofins Edison

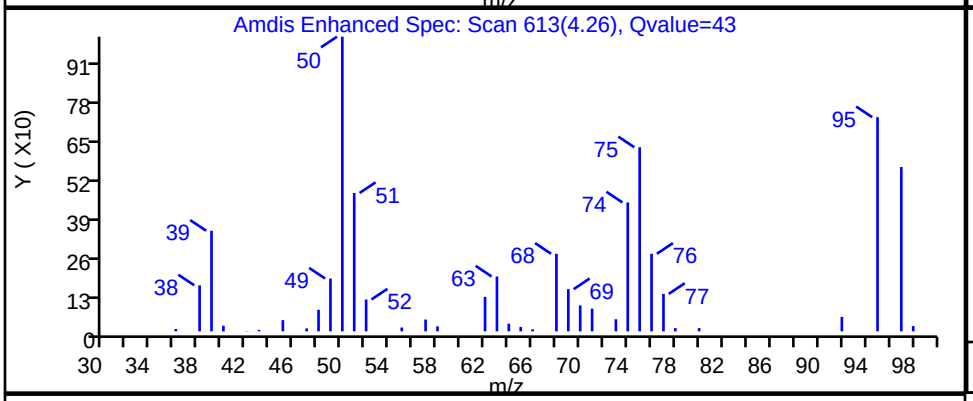
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Injection Date: 28-Aug-2024 23:06:30 Instrument ID: CVOAMS2
Lims ID: MB
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 26
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

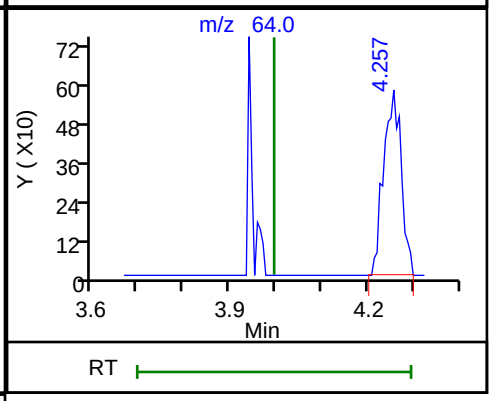
57 1,2-Dichloroethane, CAS: 107-06-2

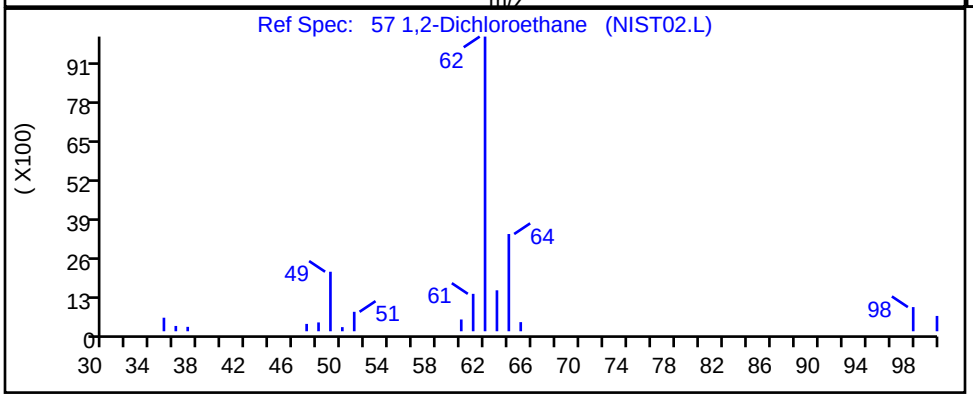
Processing Results











RT	Mass	Response	Amount
4.26	62.00	7955	2.469645
4.26	64.00	1549	

Reviewer: C1JX, 28-Aug-2024 23:26:26 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-309671-1

SDG No.:

Client Sample ID: | Lab Sample ID: LB3 460-990937/2-A

Matrix: Solid | Lab File ID: K63727.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 08/20/2024 13:14

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 991380 | Units: mg/Kg

Preparation Batch No.: 990937 | Instrument ID: VOAMS9

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	0.00026	U	0.0010	0.00026
100-41-4	Ethylbenzene	0.00020	U	0.0010	0.00020
108-88-3	Toluene	0.00023	U	0.0010	0.00023
1330-20-7	Xylenes, Total	0.00017	U	0.0020	0.00017
107-06-2	1,2-Dichloroethane	0.00030	U	0.0010	0.00030
1634-04-4	MTBE	0.00051	U	0.0010	0.00051
106-93-4	Ethylene Dibromide	0.00018	U	0.0010	0.00018
91-20-3	Naphthalene	0.00384		0.0015	0.00041
95-63-6	1,2,4-Trimethylbenzene	0.00025	U	0.0010	0.00025
108-67-8	1,3,5-Trimethylbenzene	0.00031	U	0.0010	0.00031
98-82-8	Isopropylbenzene	0.00029	U	0.0010	0.00029

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		65-138
460-00-4	4-Bromofluorobenzene	106		71-128
2037-26-5	Toluene-d8 (Surr)	99		71-126
1868-53-7	Dibromofluoromethane (Surr)	102		50-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240820-179806.b\K63727.D
Lims ID: LB3 460-990937/2-A
Client ID:
Sample Type: LB3
Inject. Date: 20-Aug-2024 13:14:30 ALS Bottle#: 12 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LB3 460-990937/2-A
Misc. Info.: 460-0179806-012
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20240820-179806.b\8260S9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Aug-2024 10:13:10 Calib Date: 27-Jul-2024 02:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20240726-178899.b\K62757.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1646

First Level Reviewer: RD6L Date: 20-Aug-2024 13:36:35

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	46	2.090	2.102	-0.012	96	59998	1000.0	1000.0	
* 42 2-Butanone-d5	46	2.822	2.822	0.000	98	159815	250.0	250.0	
$ 53 Dibromofluoromethane (Surr)	113	3.199	3.210	-0.011	97	139073	50.0	50.9	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.473	3.473	0.000	0	122819	50.0	46.4	
* 65 Fluorobenzene	96	3.759	3.771	-0.012	100	566416	50.0	50.0	
* 72 1,4-Dioxane-d8	96	4.388	4.399	-0.011	97	16755	1000.0	1000.0	M
$ 83 Toluene-d8 (Surr)	98	5.371	5.371	0.000	99	494508	50.0	49.6	
* 94 Chlorobenzene-d5	117	7.211	7.211	0.000	84	368316	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	8.971	8.971	0.000	91	145905	50.0	53.2	
113 4-Chlorotoluene	91	9.691	9.691	0.000	52	2305		0.2003	
119 1,3-Dichlorobenzene	146	10.594	10.594	0.000	60	2945		0.4235	
* 121 1,4-Dichlorobenzene-d4	152	10.674	10.674	0.000	94	198052	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.697	10.697	0.000	81	3665		0.5416	a
166 1,2,3-Trimethylbenzene	105	10.777	10.777	0.000	84	2900		0.1890	
125 2,3-Dihydroindene	117	10.948	10.948	0.000	54	1785		0.1305	
127 1,2-Dichlorobenzene	146	11.051	11.051	0.000	53	3079		0.4315	
126 p-Diethylbenzene	119	11.074	11.074	0.000	71	1940		0.2096	
128 n-Butylbenzene	92	11.085	11.086	-0.001	74	1582		0.1936	
129 1,2,4,5-Tetramethylbenzene	119	11.680	11.680	0.000	92	5698		0.3730	
131 1,3,5-Trichlorobenzene	180	11.828	11.828	0.000	87	6150		1.03	
132 1,2,4-Trichlorobenzene	180	12.217	12.206	0.011	92	9176		1.62	
134 Naphthalene	128	12.366	12.343	0.023	99	55789		3.84	
135 1,2,3-Trichlorobenzene	180	12.514	12.491	0.023	94	9352		1.63	

QC Flag Legend
Processing Flags

Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

8260ISNEW_00175	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00249	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 21-Aug-2024 10:13:10 Chrom Revision: 2.3 16-Jul-2024 14:17:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240820-179806.b\K63727.D

Injection Date: 20-Aug-2024 13:14:30 Instrument ID: CVOAMS9 Operator ID:

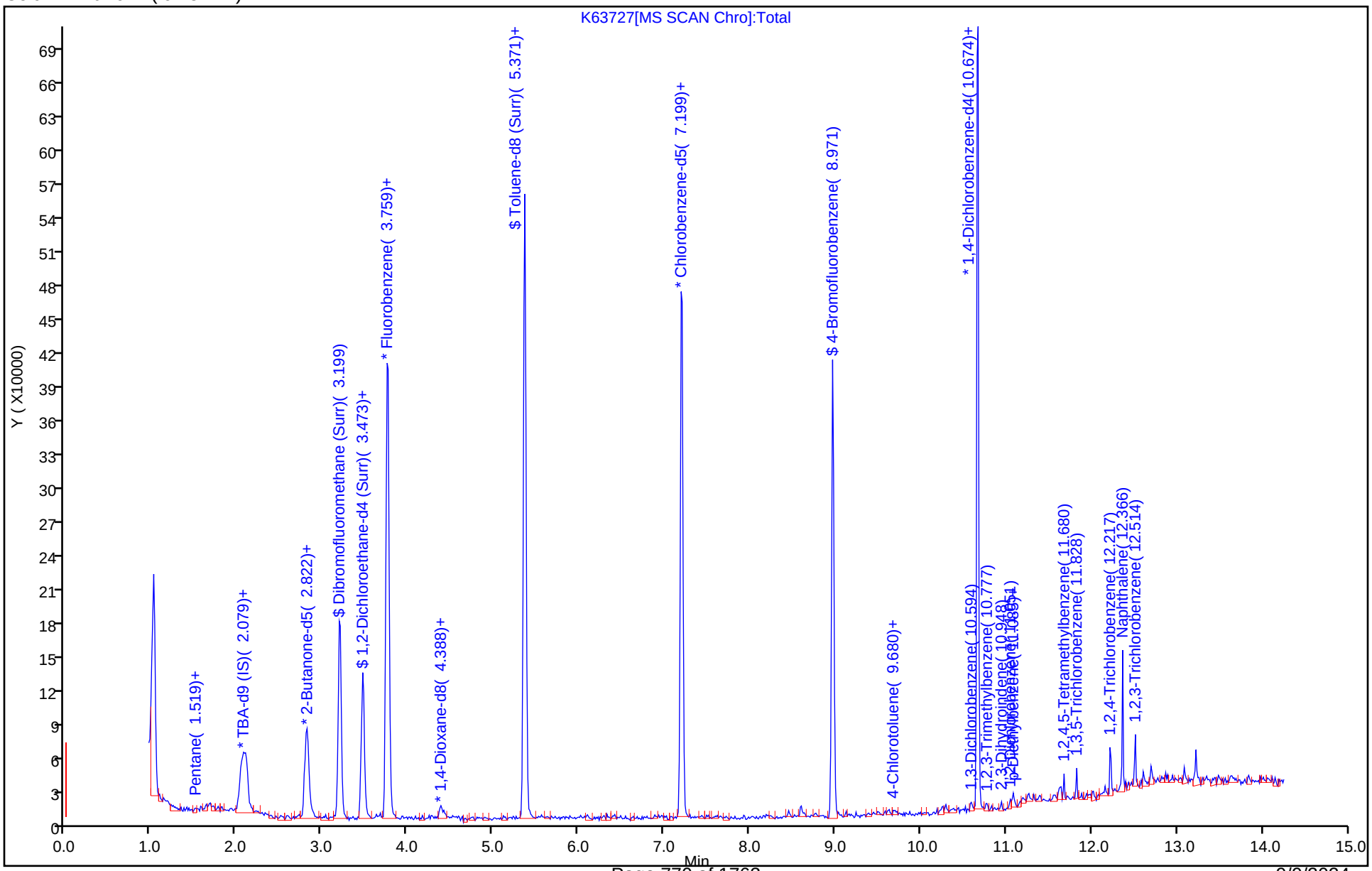
Lims ID: LB3 460-990937/2-A Worklist Smp#: 12

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 12

Method: 8260S9 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



9/9/2024
1:05:41 PM

Report Date: 21-Aug-2024 10:13:12 Chrom Revision: 2.3 16-Jul-2024 14:17:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240820-179806.b\K63727.D

Injection Date: 20-Aug-2024 13:14:30 Instrument ID: CVOAMS9

Lims ID: LB3 460-990937/2-A

Client ID:

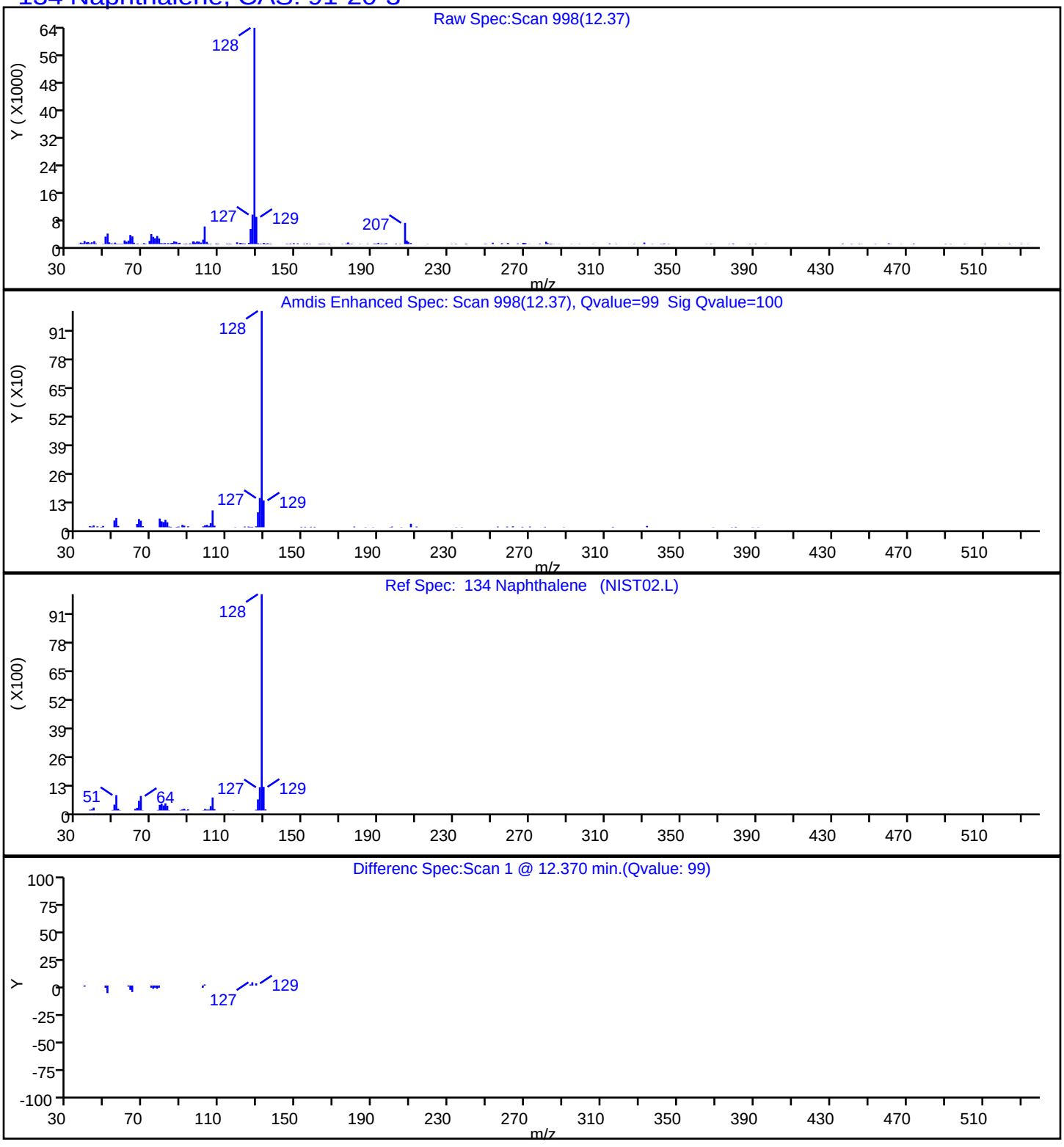
Operator ID: ALS Bottle#: 12 Worklist Smp#: 12

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S9 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm) Detector MS SCAN

134 Naphthalene, CAS: 91-20-3



Manual Integration/User Assign Peak Report

Eurofins Edison

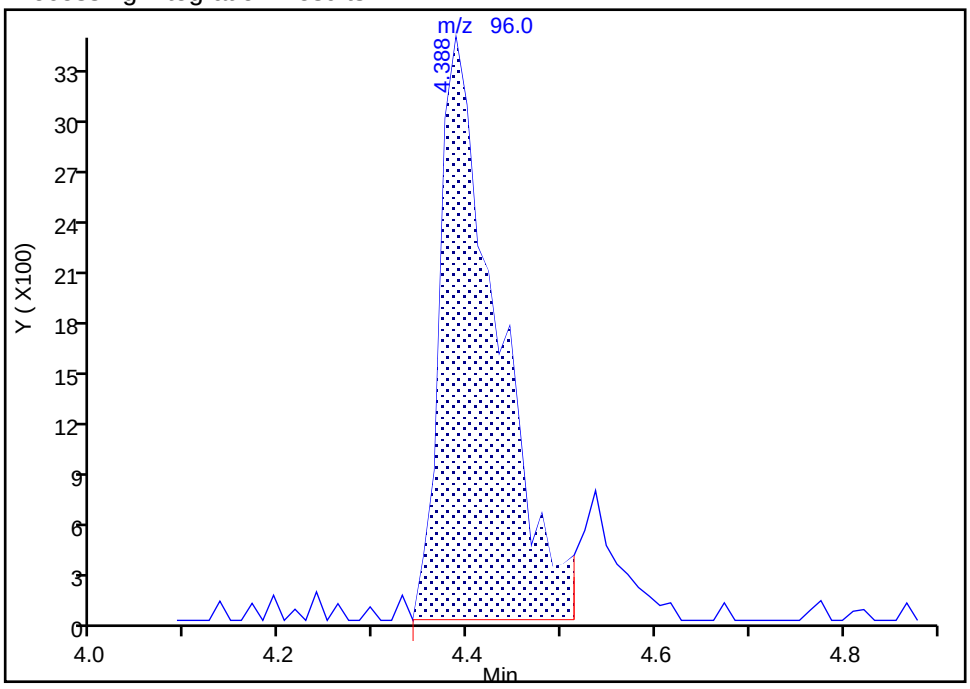
Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240820-179806.b\K63727.D
Injection Date: 20-Aug-2024 13:14:30 Instrument ID: CVOAMS9
Lims ID: LB3 460-990937/2-A
Client ID:
Operator ID: ALS Bottle#: 12 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 72 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

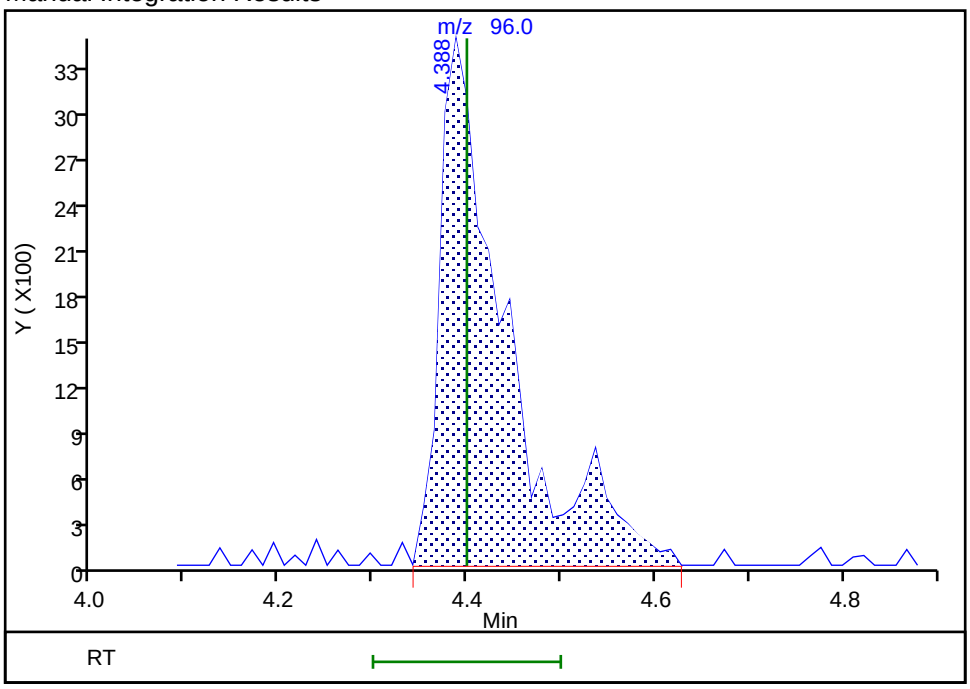
Processing Integration Results

RT: 4.39
Area: 14778
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 4.39
Area: 16755
Amount: 1000.0000
Amount Units: ug/l



Reviewer: NN6A, 21-Aug-2024 10:12:48 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-309671-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-991380/3

Matrix: Solid | Lab File ID: K63718.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 08/20/2024 09:19

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 991380 | Units: mg/Kg

Preparation Batch No.: | Instrument ID: VOAMS9

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	0.0200		0.0010	0.00026
100-41-4	Ethylbenzene	0.0211		0.0010	0.00020
108-88-3	Toluene	0.0196		0.0010	0.00023
1330-20-7	Xylenes, Total	0.0428		0.0020	0.00017
107-06-2	1,2-Dichloroethane	0.0205		0.0010	0.00030
1634-04-4	MTBE	0.0198		0.0010	0.00051
106-93-4	Ethylene Dibromide	0.0193		0.0010	0.00018
91-20-3	Naphthalene	0.00464		0.0015	0.00041
95-63-6	1,2,4-Trimethylbenzene	0.0208		0.0010	0.00025
108-67-8	1,3,5-Trimethylbenzene	0.0209		0.0010	0.00031
98-82-8	Isopropylbenzene	0.0228		0.0010	0.00029

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		65-138
460-00-4	4-Bromofluorobenzene	101		71-128
2037-26-5	Toluene-d8 (Surr)	91		71-126
1868-53-7	Dibromofluoromethane (Surr)	94		50-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240820-179806.b\K63718.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 20-Aug-2024 09:19:30 ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0179806-003
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20240820-179806.b\8260S9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Aug-2024 10:08:50 Calib Date: 27-Jul-2024 02:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20240726-178899.b\K62757.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1646

First Level Reviewer: RD6L Date: 20-Aug-2024 11:43:29

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	1.096	1.073	0.023	50	31045	20.0	19.5	
5 Dichlorodifluoromethane	85	1.119	1.107	0.012	67	121473	20.0	13.5	
4 Chlorodifluoromethane	67	1.108	1.107	0.001	96	17992	20.0	21.3	
6 Chloromethane	50	1.222	1.210	0.012	99	124374	20.0	14.8	
8 Butadiene	54	1.279	1.245	0.034	81	93068	20.0	19.3	
7 Vinyl chloride	62	1.279	1.267	0.012	98	94744	20.0	18.7	
10 Chloroethane	64	1.450	1.439	0.011	71	48562	20.0	16.5	
9 Bromomethane	94	1.450	1.439	0.011	94	81416	20.0	18.2	
11 Dichlorofluoromethane	67	1.576	1.565	0.011	85	174061	20.0	19.5	
12 Pentane	72	1.576	1.565	0.011	93	28140	40.0	44.5	
13 Trichlorofluoromethane	101	1.622	1.610	0.012	96	111097	20.0	20.0	
14 Ethyl ether	59	1.668	1.656	0.012	94	47823	20.0	16.5	
17 Ethanol	46	1.679	1.667	0.012	60	5137	800.0	585.9	
15 2-Methyl-1,3-butadiene	53	1.690	1.679	0.011	88	74666	20.0	21.3	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.702	1.690	0.012	86	82225	20.0	21.4	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	1.725	1.725	0.000	66	123529	20.0	20.1	
18 Acrolein	56	1.736	1.736	0.000	95	136453	300.0	310.2	
20 1,1-Dichloroethene	96	1.805	1.793	0.012	96	83659	20.0	19.7	
21 Acetone	43	1.828	1.816	0.012	63	61631	100.0	91.6	
22 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.839	1.839	0.000	98	98777	20.0	21.8	
24 Isopropyl alcohol	45	1.930	1.873	0.057	29	30700	200.0	152.8	a
23 Iodomethane	142	1.896	1.885	0.011	98	168067	20.0	21.3	
25 Carbon disulfide	76	1.942	1.930	0.012	99	380810	20.0	20.5	a
27 Methyl acetate	43	1.988	1.988	0.000	63	67522	40.0	44.7	
26 3-Chloro-1-propene	39	1.988	1.988	0.000	95	79469	20.0	22.0	
28 Acetonitrile	40	1.988	1.988	0.000	78	30218	200.0	211.0	
29 Cyclopentene	67	2.045	2.045	0.000	90	181645	20.0	20.5	
30 Methylene Chloride	84	2.056	2.056	0.000	85	96464	20.0	19.6	
* 31 TBA-d9 (IS)	46	2.079	2.102	-0.023	65	74298	1000.0	1000.0	M
32 2-Methyl-2-propanol	59	2.136	2.148	-0.012	97	74691	200.0	179.7	a
33 Acrylonitrile	53	2.193	2.182	0.011	97	219858	200.0	186.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 trans-1,2-Dichloroethene	96	2.216	2.216	0.000	90	92721	20.0	20.8	
35 Methyl tert-butyl ether	73	2.216	2.216	0.000	93	231743	20.0	19.8	
36 Hexane	43	2.388	2.376	0.012	90	66381	20.0	22.8	
37 1,1-Dichloroethane	63	2.479	2.468	0.011	99	131747	20.0	19.0	
38 Vinyl acetate	86	2.491	2.490	0.000	99	27801	40.0	45.0	
39 Isopropyl ether	45	2.513	2.513	0.000	68	201817	20.0	20.4	
40 2-Chloro-1,3-butadiene	88	2.536	2.525	0.011	86	80812	20.0	20.7	
41 Tert-butyl ethyl ether	87	2.753	2.742	0.011	89	106891	20.0	19.9	
* 42 2-Butanone-d5	46	2.833	2.822	0.011	98	232234	250.0	250.0	
43 cis-1,2-Dichloroethene	96	2.856	2.856	0.000	97	95378	20.0	19.3	
45 2-Butanone (MEK)	72	2.868	2.868	0.000	97	40226	100.0	101.6	
44 2,2-Dichloropropane	79	2.879	2.879	0.000	78	44895	20.0	19.2	
47 Ethyl acetate	70	2.913	2.879	0.034	95	15526	40.0	41.8	
46 Propionitrile	54	2.902	2.913	-0.011	94	84938	200.0	218.8	a
48 Methyl acrylate	55	2.936	2.925	0.011	98	58004	20.0	15.5	
50 Methacrylonitrile	67	3.016	3.016	0.000	86	268441	200.0	182.3	
49 Chlorobromomethane	128	3.028	3.028	0.000	80	49191	20.0	21.4	
51 Tetrahydrofuran	72	3.096	3.073	0.023	42	21762	40.0	45.2	
52 Chloroform	83	3.085	3.085	0.000	99	153903	20.0	20.5	
$ 53 Dibromofluoromethane (Surr)	113	3.211	3.210	0.001	96	162763	50.0	47.0	
54 1,1,1-Trichloroethane	97	3.245	3.245	0.000	96	145948	20.0	21.6	
55 Cyclohexane	84	3.302	3.302	0.000	84	145477	20.0	20.0	
56 1,1-Dichloropropene	75	3.371	3.359	0.012	96	113976	20.0	19.5	
57 Carbon tetrachloride	117	3.382	3.382	0.000	95	122473	20.0	21.8	
59 Isobutyl alcohol	74	3.473	3.439	0.034	17	6342	500.0	383.1	a
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.485	3.473	0.012	0	154228	50.0	46.0	
60 Benzene	78	3.542	3.531	0.011	92	336951	20.0	20.0	
61 1,2-Dichloroethane	62	3.542	3.542	0.000	54	101010	20.0	20.5	
63 Isopropyl acetate	61	3.588	3.588	0.000	53	26496	20.0	16.5	Ma
62 Isooctane	57	3.611	3.599	0.012	97	311979	20.0	17.8	
64 Tert-amyl methyl ether	73	3.633	3.622	0.011	92	236797	20.0	18.9	
66 n-Heptane	43	3.771	3.771	0.000	45	105497	20.0	20.5	a
* 65 Fluorobenzene	96	3.771	3.771	0.000	98	718037	50.0	50.0	
67 n-Butanol	56	4.034	4.033	0.001	37	31705	500.0	316.0	
68 Trichloroethene	95	4.102	4.102	0.000	97	88677	20.0	19.3	
69 Ethyl acrylate	55	4.205	4.193	0.012	99	58399	20.0	15.8	
70 Methylcyclohexane	83	4.296	4.296	0.000	92	167985	20.0	20.9	
71 1,2-Dichloropropane	63	4.319	4.308	0.011	88	68567	20.0	17.6	
* 72 1,4-Dioxane-d8	96	4.388	4.399	-0.011	27	19762	1000.0	1000.0	M
73 Dibromomethane	93	4.422	4.422	0.000	96	48058	20.0	18.2	
74 1,4-Dioxane	88	4.456	4.433	0.023	34	10673	400.0	338.1	
75 Methyl methacrylate	69	4.434	4.433	0.001	80	76378	40.0	32.1	
76 n-Propyl acetate	43	4.491	4.491	0.000	95	57734	20.0	14.9	
77 Dichlorobromomethane	83	4.582	4.582	0.000	98	100717	20.0	18.8	
78 2-Nitropropane	41	4.822	4.822	0.000	96	21004	40.0	27.8	
79 2-Chloroethyl vinyl ether	63	4.914	4.925	-0.011	85	11705	20.0	5.19	
80 Epichlorohydrin	57	4.971	4.959	0.012	98	57387	400.0	183.5	
81 cis-1,3-Dichloropropene	75	5.062	5.062	0.000	89	105673	20.0	17.5	
82 4-Methyl-2-pentanone (MIBK)	43	5.268	5.256	0.012	94	255198	100.0	104.6	
$ 83 Toluene-d8 (Surr)	98	5.371	5.371	0.000	98	589138	50.0	45.6	
84 Toluene	91	5.451	5.451	0.000	94	341652	20.0	19.6	
85 trans-1,3-Dichloropropene	75	5.714	5.714	0.000	95	86151	20.0	17.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 Ethyl methacrylate	69	5.874	5.874	0.000	88	71955	20.0	17.4	
87 1,1,2-Trichloroethane	83	5.942	5.931	0.011	96	50489	20.0	18.8	
88 Tetrachloroethene	166	6.114	6.114	0.000	97	89166	20.0	22.0	
89 1,3-Dichloropropane	76	6.137	6.148	-0.011	90	86265	20.0	17.6	
90 2-Hexanone	43	6.285	6.297	-0.011	93	139915	100.0	93.0	
91 Chlorodibromomethane	129	6.422	6.422	0.000	97	70610	20.0	20.3	
92 n-Butyl acetate	43	6.491	6.491	0.000	98	65435	20.0	17.0	
93 Ethylene Dibromide	107	6.559	6.548	0.011	94	61157	20.0	19.3	
S 139 1,3-Dichloropropene, Total	1				0		40.0	35.1	
* 94 Chlorobenzene-d5	117	7.211	7.211	0.000	84	476680	50.0	50.0	
95 Chlorobenzene	112	7.245	7.245	0.000	97	219508	20.0	20.7	
96 1,1,1,2-Tetrachloroethane	131	7.382	7.382	0.000	93	91586	20.0	21.9	
97 Ethylbenzene	106	7.440	7.439	0.001	97	126010	20.0	21.1	
98 m-Xylene & p-Xylene	106	7.611	7.611	0.000	0	152929	20.0	21.2	
99 o-Xylene	106	8.182	8.182	0.000	94	161915	20.0	21.6	
100 Styrene	104	8.217	8.205	0.012	98	228337	20.0	20.3	
101 n-Butyl acrylate	73	8.240	8.240	0.000	98	45553	20.0	18.2	
102 Bromoform	173	8.434	8.434	0.000	95	44425	20.0	20.8	
103 Amyl acetate (mixed isomers)	43	8.617	8.617	0.000	94	84928	20.0	18.3	
104 Isopropylbenzene	105	8.777	8.777	0.000	95	409726	20.0	22.8	
$ 105 4-Bromofluorobenzene	174	8.971	8.971	0.000	91	178702	50.0	50.4	
106 Bromobenzene	156	9.177	9.177	0.000	93	93068	20.0	18.9	
107 1,1,2,2-Tetrachloroethane	83	9.257	9.257	0.000	97	85043	20.0	17.9	
108 1,2,3-Trichloropropane	110	9.291	9.291	0.000	95	23747	20.0	17.3	
109 trans-1,4-Dichloro-2-butene	53	9.360	9.360	0.000	91	13211	20.0	13.0	
110 N-Propylbenzene	91	9.428	9.428	0.000	100	497611	20.0	20.5	
111 2-Chlorotoluene	91	9.508	9.508	0.000	96	300523	20.0	20.8	
112 4-Ethyltoluene	105	9.623	9.623	0.000	99	425350	20.0	20.7	
113 4-Chlorotoluene	91	9.691	9.691	0.000	97	304981	20.0	19.9	
114 1,3,5-Trimethylbenzene	105	9.737	9.737	0.000	92	381313	20.0	20.9	
115 Butyl Methacrylate	87	9.988	9.988	0.000	85	96627	20.0	17.8	
116 tert-Butylbenzene	119	10.228	10.228	0.000	94	299487	20.0	19.7	
117 1,2,4-Trimethylbenzene	105	10.297	10.297	0.000	97	391836	20.0	20.8	
118 sec-Butylbenzene	105	10.514	10.514	0.000	99	504681	20.0	21.2	
119 1,3-Dichlorobenzene	146	10.594	10.594	0.000	98	183507	20.0	19.8	
* 121 1,4-Dichlorobenzene-d4	152	10.674	10.674	0.000	93	263755	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.697	10.697	0.000	63	169757	20.0	18.8	
120 4-Isopropyltoluene	119	10.697	10.697	0.000	98	450120	20.0	21.6	
166 1,2,3-Trimethylbenzene	105	10.777	10.777	0.000	99	418474	20.0	20.5	
124 Benzyl chloride	91	10.846	10.846	0.000	99	130224	20.0	15.5	
125 2,3-Dihydroindene	117	10.948	10.948	0.000	94	364071	20.0	20.0	
127 1,2-Dichlorobenzene	146	11.051	11.051	0.000	98	178866	20.0	18.8	
126 p-Diethylbenzene	119	11.074	11.074	0.000	95	272584	20.0	22.1	
128 n-Butylbenzene	92	11.086	11.086	0.000	97	222006	20.0	20.4	
130 1,2-Dibromo-3-Chloropropane	157	11.680	11.668	0.012	96	19853	20.0	17.9	
129 1,2,4,5-Tetramethylbenzene	119	11.680	11.680	0.000	97	361659	20.0	17.8	
131 1,3,5-Trichlorobenzene	180	11.829	11.828	0.001	97	134411	20.0	16.9	
132 1,2,4-Trichlorobenzene	180	12.217	12.206	0.011	93	64563	20.0	8.56	
133 Hexachlorobutadiene	225	12.331	12.320	0.011	93	74299	20.0	21.9	
134 Naphthalene	128	12.354	12.343	0.011	99	89725	20.0	4.64	
135 1,2,3-Trichlorobenzene	180	12.503	12.491	0.012	97	74090	20.0	9.67	
S 136 1,2-Dichloroethene, Total	100				0		40.0	40.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		40.0	42.8	
S 138 Total BTEX	1				0		100.0	103.5	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

524FREONS_00022	Amount Added:	2.00	Units: uL	
ACROLEIN W_00172	Amount Added:	3.00	Units: uL	
GASES Li_00598	Amount Added:	2.00	Units: uL	
8260MIX1COMB_00192	Amount Added:	2.00	Units: uL	
8260ISNEW_00175	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00249	Amount Added:	1.00	Units: uL	Run Reagent

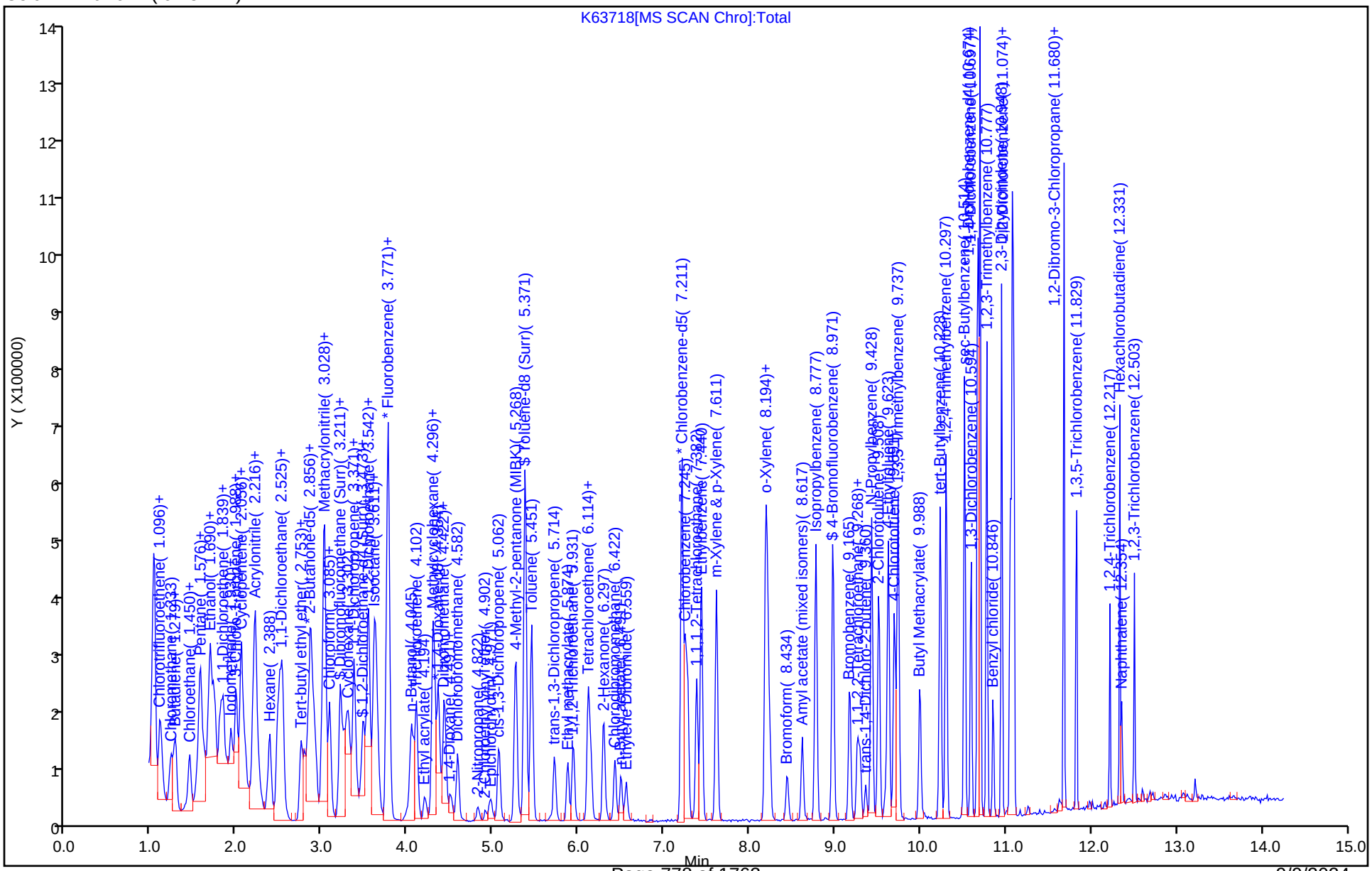
Report Date: 21-Aug-2024 10:08:51 Chrom Revision: 2.3 16-Jul-2024 14:17:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240820-179806.b\K63718.D

Injection Date:	20-Aug-2024 09:19:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	LCS			Worklist Smp#:	3
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8260S9	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



9/9/2024
1:05:41 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

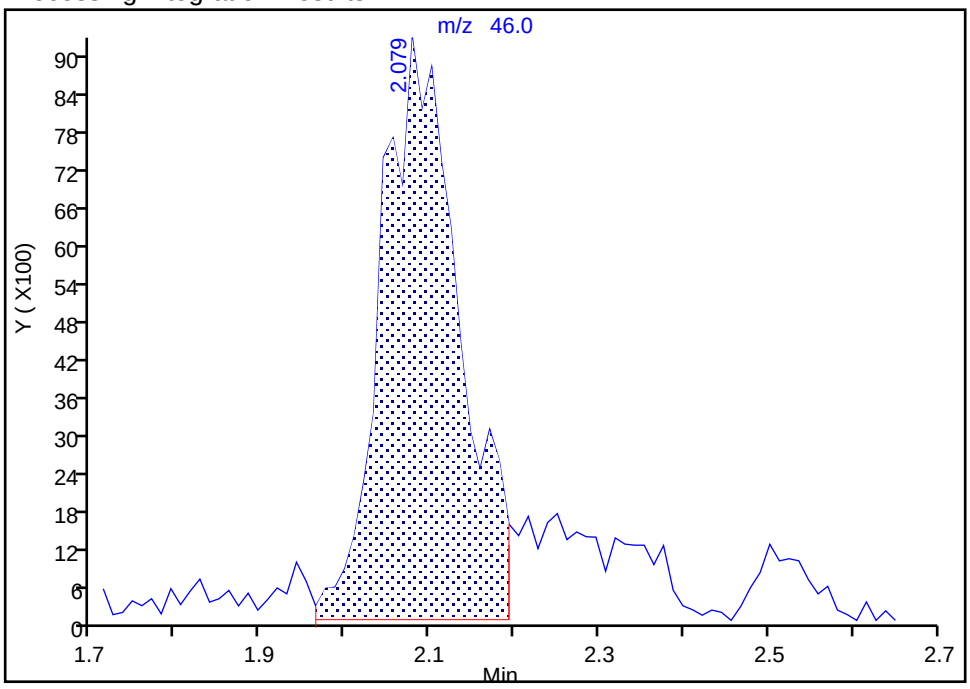
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Injection Date: 20-Aug-2024 09:19:30 Instrument ID: CVOAMS9
Lims ID: LCS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 31 TBA-d9 (IS), CAS: 25725-11-5

Signal: 1

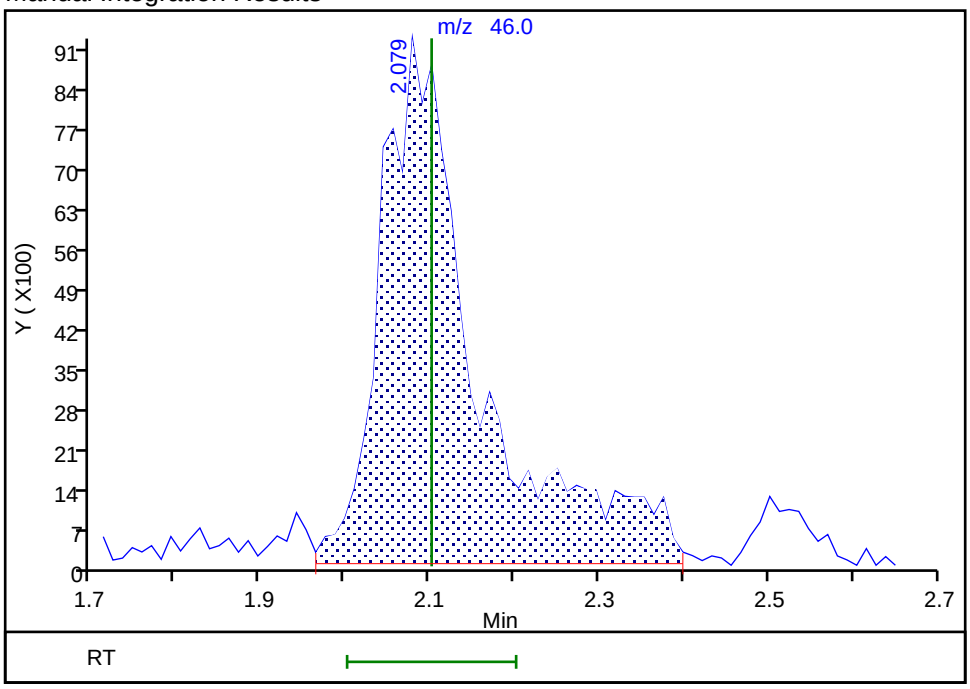
Processing Integration Results

RT: 2.08
Area: 59989
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 2.08
Area: 74298
Amount: 1000.0000
Amount Units: ug/l



Reviewer: NN6A, 21-Aug-2024 10:07:49 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

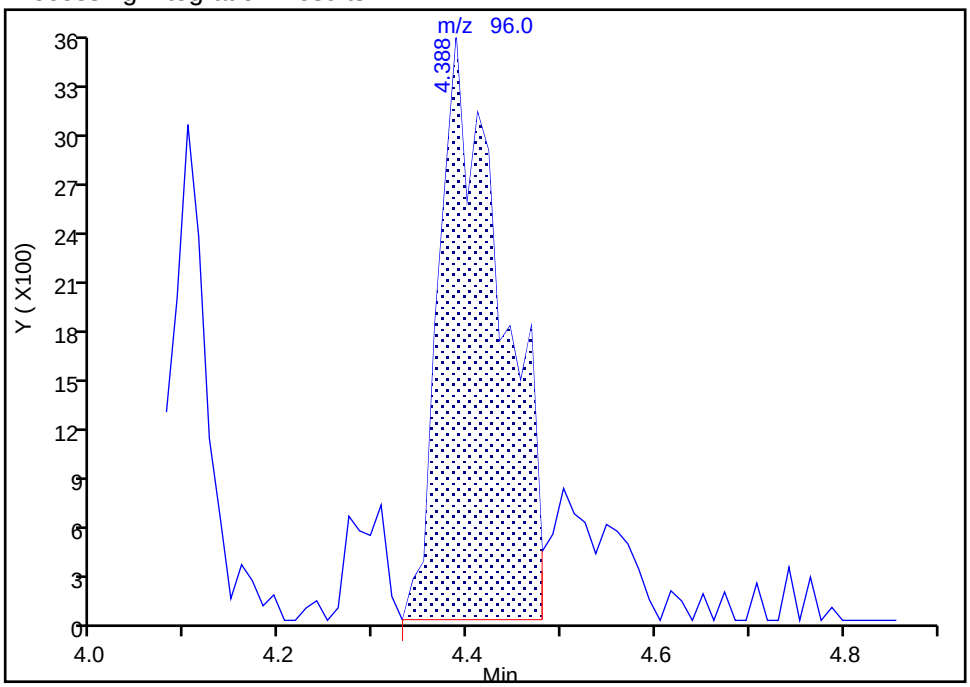
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Injection Date: 20-Aug-2024 09:19:30 Instrument ID: CVOAMS9
Lims ID: LCS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S9 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 72 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

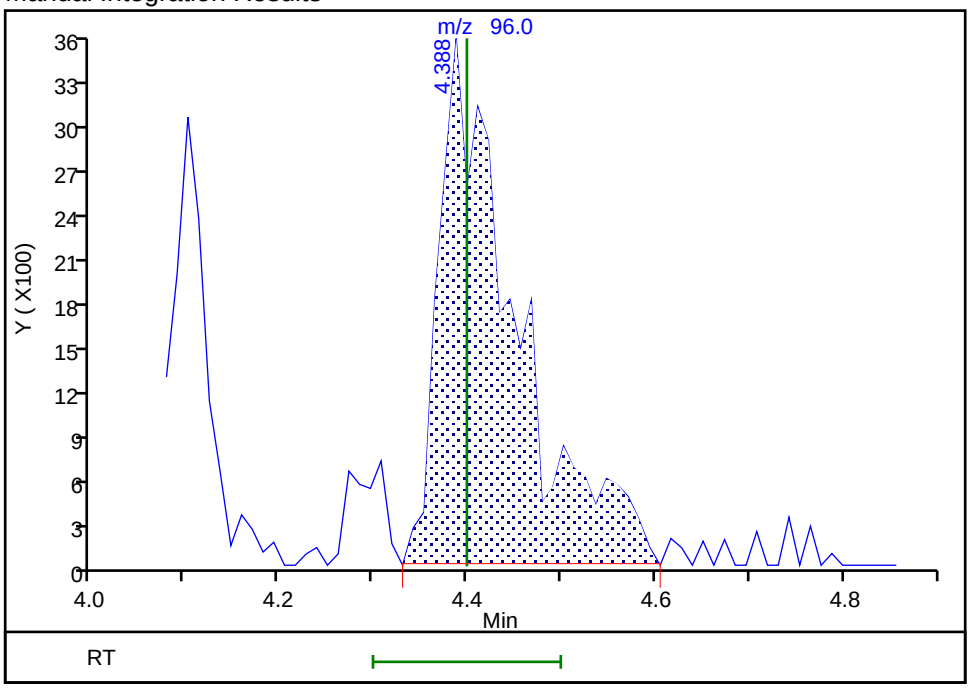
Processing Integration Results

RT: 4.39
Area: 16423
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 4.39
Area: 19762
Amount: 1000.0000
Amount Units: ug/l



Reviewer: NN6A, 21-Aug-2024 10:07:58 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-309671-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-991594/4

Matrix: Water | Lab File ID: TT84242.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 08/21/2024 07:15

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 991594 | Units: ug/L

Preparation Batch No.: | Instrument ID: VOAMS

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	23.1		1.0	0.20
100-41-4	Ethylbenzene	23.6		1.0	0.30
108-88-3	Toluene	22.9		1.0	0.38
1330-20-7	Xylenes, Total	47.7		2.0	0.65
107-06-2	1,2-Dichloroethane	22.9		1.0	0.43
1634-04-4	MTBE	23.1		1.0	0.22
106-93-4	Ethylene Dibromide	22.4		1.0	0.50
91-20-3	Naphthalene	23.6		1.0	0.88
95-63-6	1,2,4-Trimethylbenzene	23.6		1.0	0.37
108-67-8	1,3,5-Trimethylbenzene	23.7		1.0	0.33
98-82-8	Isopropylbenzene	23.4		1.0	0.34

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		70-128
460-00-4	4-Bromofluorobenzene	101		76-120
2037-26-5	Toluene-d8 (Surr)	100		80-120
1868-53-7	Dibromofluoromethane (Surr)	99		77-132

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240821-179848.b\TT84242.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 21-Aug-2024 07:15:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0179848-004
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240821-179848.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-Aug-2024 11:07:44 Calib Date: 20-Aug-2024 20:26:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240820-179823.b\TT84233.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1626

First Level Reviewer: XE5L Date: 22-Aug-2024 11:07:44

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1	Monochloropentafluoroethane	119	1.271	1.271	0.000	20	549	20.0	5.35	
2	1,1-Difluoroethane	65	1.344	1.351	-0.007	98	27514	20.0	23.6	
3	Chlorotrifluoroethene	116	1.351	1.351	0.000	57	13589	20.0	20.2	
4	Dichlorodifluoromethane	85	1.381	1.375	0.006	99	43003	20.0	11.1	
5	Chlorodifluoromethane	67	1.387	1.399	-0.012	97	9319	20.0	20.6	
6	Chloromethane	50	1.533	1.540	-0.007	99	68646	20.0	20.5	
7	Vinyl chloride	62	1.613	1.607	0.006	78	58533	20.0	19.4	
8	Butadiene	54	1.613	1.613	0.000	95	51522	20.0	16.6	
9	Bromomethane	94	1.869	1.869	0.000	99	43971	20.0	22.4	
10	Chloroethane	64	1.936	1.930	0.006	99	38909	20.0	22.8	
11	Dichlorofluoromethane	67	2.088	2.094	-0.006	99	106188	20.0	23.1	
12	Trichlorofluoromethane	101	2.100	2.106	-0.006	94	55312	20.0	17.5	
13	Pentane	72	2.125	2.131	-0.006	97	15559	40.0	37.2	
14	Ethanol	46	2.296	2.308	-0.012	78	5213	800.0	1174.1	
15	Ethyl ether	74	2.308	2.308	0.000	97	22116	20.0	24.0	
16	2-Methyl-1,3-butadiene	53	2.326	2.326	0.000	96	44001	20.0	20.5	
17	1,2-Dichloro-1,1,2-trifluoroetha	117	2.363	2.356	0.007	95	44356	20.0	21.5	
18	1,1,1-Trifluoro-2,2-dichloroetha	83	2.411	2.411	0.000	97	74133	20.0	22.4	
19	Acrolein	56	2.460	2.460	0.000	94	7150	40.0	43.5	
20	1,1,2-Trichloro-1,2,2-trifluoroe	101	2.478	2.484	-0.006	94	43853	20.0	20.1	
21	1,1-Dichloroethene	96	2.497	2.497	0.000	99	49362	20.0	22.3	
22	Acetone	43	2.570	2.570	0.000	94	22875	100.0	105.7	
23	Iodomethane	142	2.637	2.643	-0.006	97	88279	20.0	23.6	
25	Isopropyl alcohol	45	2.661	2.655	0.006	26	12806	200.0	267.4	
24	Carbon disulfide	76	2.673	2.673	0.000	99	197164	20.0	23.5	
26	3-Chloro-1-propene	76	2.795	2.795	0.000	91	33763	20.0	23.7	
29	Acetonitrile	41	2.856	2.795	0.061	96	16280	200.0	158.0	a
27	Methyl acetate	43	2.802	2.801	0.001	48	30167	40.0	38.8	
28	Cyclopentene	67	2.814	2.820	-0.006	92	110769	20.0	21.3	
* 31	TBA-d9 (IS)	66	2.911	2.905	0.006	0	10413	1000.0	1000.0	
30	Methylene Chloride	84	2.911	2.917	-0.006	95	52596	20.0	22.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	2.966	2.972	-0.006	97	18181	200.0	215.6	
33 Methyl tert-butyl ether	73	3.064	3.070	-0.006	98	97639	20.0	23.1	
34 trans-1,2-Dichloroethene	96	3.088	3.094	-0.006	95	56365	20.0	23.9	
35 Acrylonitrile	53	3.155	3.155	0.000	96	77534	200.0	230.0	
36 Hexane	57	3.240	3.246	-0.006	93	63720	20.0	18.7	
37 Isopropyl ether	45	3.442	3.435	0.007	97	160722	20.0	23.8	
38 1,1-Dichloroethane	63	3.466	3.472	-0.006	99	94932	20.0	23.8	
39 Vinyl acetate	86	3.478	3.484	-0.006	100	10572	40.0	63.2	
40 2-Chloro-1,3-butadiene	88	3.509	3.515	-0.006	90	45296	20.0	22.9	
41 Tert-butyl ethyl ether	59	3.740	3.740	0.000	88	133867	20.0	23.7	
* 42 2-Butanone-d5	46	3.923	3.923	0.000	0	66957	250.0	250.0	
43 2,2-Dichloropropane	97	3.948	3.948	0.000	94	18730	20.0	24.7	
44 cis-1,2-Dichloroethene	96	3.966	3.966	0.000	97	56004	20.0	23.4	
45 2-Butanone (MEK)	72	3.972	3.978	-0.006	96	10804	100.0	127.0	
46 Ethyl acetate	70	3.984	3.984	0.000	94	5180	40.0	57.3	
47 Methyl acrylate	55	4.033	4.033	0.000	99	19175	20.0	20.9	
48 Propionitrile	54	4.100	4.106	-0.006	98	24716	200.0	226.7	
49 Chlorobromomethane	128	4.179	4.179	0.000	91	20140	20.0	22.3	
50 Tetrahydrofuran	72	4.179	4.179	0.000	47	4823	40.0	46.7	
51 Methacrylonitrile	67	4.204	4.204	0.000	90	90068	200.0	223.0	
52 Chloroform	83	4.234	4.234	0.000	99	81058	20.0	23.1	
53 Cyclohexane	84	4.362	4.368	-0.006	92	71526	20.0	20.0	
54 1,1,1-Trichloroethane	97	4.380	4.380	0.000	97	71809	20.0	23.2	
$ 55 Dibromofluoromethane (Surr)	113	4.380	4.387	-0.006	99	78213	50.0	49.3	
56 Carbon tetrachloride	117	4.490	4.496	-0.006	98	55978	20.0	21.9	
57 1,1-Dichloropropene	75	4.521	4.521	0.000	98	67088	20.0	23.3	
58 Isobutyl alcohol	43	4.643	4.643	0.000	63	18118	500.0	570.4	a
59 Isooctane	57	4.685	4.685	0.000	99	150424	20.0	18.2	
60 Benzene	78	4.710	4.710	0.000	96	208033	20.0	23.1	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.722	4.722	0.000	0	67115	50.0	47.4	
63 Isopropyl acetate	61	4.771	4.771	0.000	92	14569	20.0	22.9	
62 Tert-amyl methyl ether	73	4.771	4.777	-0.006	91	109029	20.0	23.1	
64 1,2-Dichloroethane	62	4.795	4.795	0.000	97	40796	20.0	22.9	
65 n-Heptane	100	4.868	4.862	0.006	93	10459	20.0	18.0	
* 66 Fluorobenzene	96	4.990	4.990	0.000	99	361112	50.0	50.0	
67 n-Butanol	56	5.289	5.283	0.006	85	13295	500.0	657.7	
68 Trichloroethene	95	5.331	5.331	0.000	98	47960	20.0	22.5	
70 Ethyl acrylate	99	5.466	5.459	0.007	93	4576	20.0	20.2	
69 Methylcyclohexane	83	5.460	5.459	0.001	87	79839	20.0	19.7	
71 1,2-Dichloropropane	63	5.618	5.618	0.000	94	49327	20.0	23.5	
* 72 1,4-Dioxane-d8	96	5.673	5.661	0.012	0	8014	1000.0	1000.0	
73 Methyl methacrylate	100	5.697	5.697	0.000	89	12186	40.0	44.5	
75 1,4-Dioxane	88	5.728	5.722	0.006	88	4561	400.0	491.2	
74 Dibromomethane	93	5.740	5.740	0.000	94	17958	20.0	22.7	
76 n-Propyl acetate	43	5.752	5.752	0.000	99	30263	20.0	24.7	
77 Dichlorobromomethane	83	5.892	5.892	0.000	99	47891	20.0	22.6	
78 2-Nitropropane	41	6.228	6.222	0.006	74	7882	40.0	41.8	
79 2-Chloroethyl vinyl ether	63	6.228	6.234	-0.006	84	16582	20.0	22.4	
80 Epichlorohydrin	57	6.325	6.325	0.000	99	33953	400.0	521.7	
81 cis-1,3-Dichloropropene	75	6.380	6.386	-0.006	92	65077	20.0	23.1	
82 4-Methyl-2-pentanone (MIBK)	58	6.551	6.551	0.000	96	42051	100.0	130.8	
$ 83 Toluene-d8 (Surr)	98	6.624	6.630	-0.006	99	342091	50.0	50.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	6.703	6.703	0.000	94	214310	20.0	22.9	
85 trans-1,3-Dichloropropene	75	7.045	7.045	0.000	97	47289	20.0	22.9	
86 Ethyl methacrylate	69	7.087	7.081	0.006	88	37465	20.0	23.7	
87 1,1,2-Trichloroethane	83	7.258	7.258	0.000	97	23955	20.0	22.8	
88 Tetrachloroethene	166	7.301	7.301	0.000	97	47945	20.0	22.0	
89 1,3-Dichloropropane	76	7.465	7.465	0.000	93	47651	20.0	23.7	
90 2-Hexanone	43	7.532	7.532	0.000	95	62095	100.0	127.1	
91 n-Butyl acetate	43	7.654	7.654	0.000	99	36937	20.0	25.5	
92 Chlorodibromomethane	129	7.691	7.691	0.000	98	28419	20.0	22.8	
93 Ethylene Dibromide	107	7.843	7.843	0.000	99	23625	20.0	22.4	
* 94 Chlorobenzene-d5	117	8.386	8.386	0.000	86	250503	50.0	50.0	
95 Chlorobenzene	112	8.422	8.422	0.000	94	128266	20.0	23.4	
96 Ethylbenzene	106	8.532	8.532	0.000	98	76223	20.0	23.6	
97 1,1,1,2-Tetrachloroethane	131	8.538	8.544	-0.006	96	41745	20.0	23.2	
98 m-Xylene & p-Xylene	106	8.691	8.691	0.000	0	94574	20.0	24.0	
100 n-Butyl acrylate	73	9.203	9.203	0.000	95	25005	20.0	26.5	
99 o-Xylene	106	9.203	9.203	0.000	93	91968	20.0	23.7	
101 Styrene	104	9.239	9.239	0.000	96	143285	20.0	24.0	
102 Bromoform	173	9.483	9.483	0.000	52	14813	20.0	21.4	
103 Amyl acetate (mixed isomers)	43	9.483	9.483	0.000	91	54285	20.0	26.6	
104 Isopropylbenzene	105	9.636	9.635	0.001	96	215813	20.0	23.4	
$ 105 4-Bromofluorobenzene	174	9.861	9.861	0.000	94	101934	50.0	50.6	
106 Bromobenzene	156	10.001	10.001	0.000	99	50166	20.0	23.1	
107 1,1,2,2-Tetrachloroethane	83	10.062	10.062	0.000	99	28577	20.0	21.8	
108 N-Propylbenzene	91	10.093	10.093	0.000	99	289153	20.0	24.1	
109 1,2,3-Trichloropropane	110	10.111	10.117	-0.006	97	7897	20.0	23.5	
110 trans-1,4-Dichloro-2-butene	53	10.135	10.141	-0.006	59	6191	20.0	22.8	a
111 2-Chlorotoluene	91	10.202	10.202	0.000	96	194506	20.0	24.0	
112 4-Ethyltoluene	105	10.221	10.221	0.000	98	237844	20.0	24.1	
113 1,3,5-Trimethylbenzene	105	10.294	10.294	0.000	92	195757	20.0	23.7	
114 4-Chlorotoluene	91	10.324	10.324	0.000	97	173193	20.0	23.8	
115 Butyl Methacrylate	87	10.410	10.410	0.000	88	56533	20.0	20.2	
116 tert-Butylbenzene	119	10.599	10.599	0.000	95	155968	20.0	23.2	
117 1,2,4-Trimethylbenzene	105	10.660	10.666	-0.006	98	204480	20.0	23.6	
118 sec-Butylbenzene	105	10.812	10.812	0.000	99	255236	20.0	23.8	
119 1,3-Dichlorobenzene	146	10.940	10.940	0.000	97	107112	20.0	23.8	
120 4-Isopropyltoluene	119	10.952	10.952	0.000	98	220346	20.0	24.0	
* 121 1,4-Dichlorobenzene-d4	152	11.013	11.013	0.000	95	129751	50.0	50.0	
122 1,4-Dichlorobenzene	146	11.038	11.032	0.006	95	101666	20.0	23.1	
123 1,2,3-Trimethylbenzene	105	11.062	11.062	0.000	98	207100	20.0	23.7	
124 Benzyl chloride	91	11.172	11.172	0.000	98	61277	20.0	26.3	
125 2,3-Dihydroindene	117	11.233	11.233	0.000	95	183004	20.0	23.9	
126 p-Diethylbenzene	119	11.300	11.300	0.000	93	135573	20.0	24.0	
127 n-Butylbenzene	92	11.324	11.324	0.000	98	118760	20.0	23.5	
128 1,2-Dichlorobenzene	146	11.373	11.373	0.000	97	91888	20.0	23.0	
129 1,2,4,5-Tetramethylbenzene	119	11.970	11.970	0.000	98	203551	20.0	23.9	
130 1,2-Dibromo-3-Chloropropane	155	12.050	12.050	0.000	94	3914	20.0	23.7	
131 1,3,5-Trichlorobenzene	180	12.172	12.172	0.000	97	95586	20.0	24.3	
132 1,2,4-Trichlorobenzene	180	12.665	12.665	0.000	94	74734	20.0	23.7	
133 Hexachlorobutadiene	225	12.757	12.757	0.000	98	48033	20.0	23.2	
134 Naphthalene	128	12.861	12.860	0.001	99	100135	20.0	23.6	
135 1,2,3-Trichlorobenzene	180	13.037	13.037	0.000	95	62143	20.0	24.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		40.0	47.3	
S 137 Xylenes, Total	100				0		40.0	47.7	
S 139 1,3-Dichloropropene, Total	1				0		40.0	46.0	
S 140 Total BTEX	1				0		100.0	117.3	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

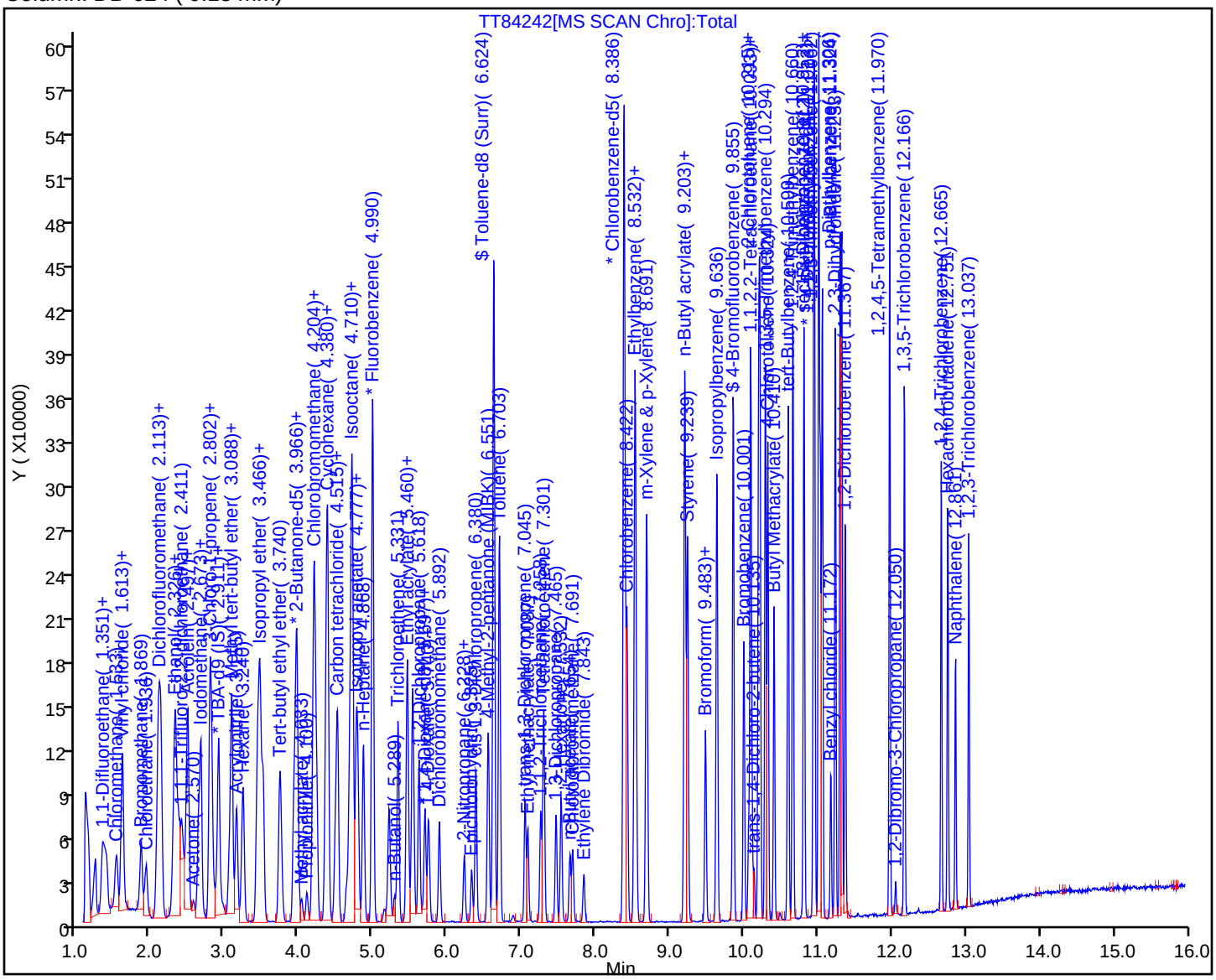
Reagents:

524FREONS_00023	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00192	Amount Added:	20.00	Units: uL	
GASES Li_00599	Amount Added:	20.00	Units: uL	
ACROLEIN W_00172	Amount Added:	4.00	Units: uL	
VOA6IS/SURR_00075	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 22-Aug-2024 11:07:45 Chrom Revision: 2.3 16-Jul-2024 14:17:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240821-179848.b\TT84242.D
Injection Date: 21-Aug-2024 07:15:30 Instrument ID: CVOAMS17
Lims ID: LCS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm)



9/9/2024
1:05:41 PM

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-309671-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-992235/2

Matrix: Solid | Lab File ID: D18945.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 08/23/2024 20:16

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 992235 | Units: mg/Kg

Preparation Batch No.: | Instrument ID: VOAMS4

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	0.0210		0.0010	0.00026
100-41-4	Ethylbenzene	0.0212		0.0010	0.00020
108-88-3	Toluene	0.0207		0.0010	0.00023
1330-20-7	Xylenes, Total	0.0415		0.0020	0.00017
107-06-2	1,2-Dichloroethane	0.0218		0.0010	0.00030
1634-04-4	MTBE	0.0224		0.0010	0.00051
106-93-4	Ethylene Dibromide	0.0191		0.0010	0.00018
91-20-3	Naphthalene	0.0193		0.0015	0.00041
95-63-6	1,2,4-Trimethylbenzene	0.0205		0.0010	0.00025
108-67-8	1,3,5-Trimethylbenzene	0.0199		0.0010	0.00031
98-82-8	Isopropylbenzene	0.0210		0.0010	0.00029

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	109		65-138
460-00-4	4-Bromofluorobenzene	90		71-128
2037-26-5	Toluene-d8 (Surr)	100		71-126
1868-53-7	Dibromofluoromethane (Surr)	105		50-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20240823-179985.b\D18945.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 23-Aug-2024 20:16:30 ALS Bottle#: 2 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0179985-002
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20240823-179985.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 23-Aug-2024 22:23:29 Calib Date: 20-Aug-2024 03:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20240819-179789.b\D18726.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1616

First Level Reviewer: HVW2 Date: 23-Aug-2024 21:49:27

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1	Chlorotrifluoroethene	116	1.326	1.326	0.000	68	0	20.0	0	7a
2	Dichlorodifluoromethane	85	1.378	1.378	0.000	100	190979	20.0	34.4	
3	Chlorodifluoromethane	51	1.421	1.421	0.000	99	198131	20.0	39.5	
4	Chloromethane	50	1.585	1.585	0.000	99	133568	20.0	31.3	
5	Vinyl chloride	62	1.664	1.664	0.000	99	93731	20.0	32.8	
6	Butadiene	54	1.693	1.693	0.000	96	89128	20.0	32.5	
7	Bromomethane	94	1.986	1.986	0.000	97	23600	20.0	26.4	
8	Chloroethane	64	2.087	2.087	0.000	100	70735	20.0	28.6	
9	Trichlorofluoromethane	101	2.302	2.302	0.000	98	128647	20.0	24.7	
10	Dichlorofluoromethane	67	2.302	2.302	0.000	98	170482	20.0	26.0	
11	Pentane	72	2.352	2.359	-0.007	97	28445	40.0	39.7	
12	Ethanol	46	2.559	2.559	0.000	98	17846	800.0	739.9	
13	Ethyl ether	59	2.588	2.595	-0.007	97	61466	20.0	22.2	
14	2-Methyl-1,3-butadiene	53	2.602	2.602	0.000	97	70477	20.0	24.1	
15	1,2-Dichloro-1,1,2-trifluoroetha	117	2.653	2.660	-0.007	96	62588	20.0	23.2	
16	1,1,1-Trifluoro-2,2-dichloroetha	83	2.724	2.724	0.000	98	107149	20.0	23.2	
17	1,1,2-Trichloro-1,2,2-trifluoroe	101	2.782	2.782	0.000	87	70567	20.0	21.9	
18	Acrolein	56	2.782	2.789	-0.007	96	177575	300.0	270.8	
19	1,1-Dichloroethene	96	2.817	2.817	0.000	98	65554	20.0	22.4	
20	Acetone	43	2.932	2.932	0.000	87	92519	100.0	87.2	
21	Iodomethane	142	2.982	2.982	0.000	99	59893	20.0	20.2	
22	Carbon disulfide	76	3.011	3.011	0.000	99	203244	20.0	19.4	
23	Isopropyl alcohol	45	3.061	3.061	0.000	98	51634	200.0	178.2	
24	3-Chloro-1-propene	76	3.197	3.197	0.000	86	32964	20.0	21.4	
25	Cyclopentene	67	3.211	3.211	0.000	95	147770	20.0	22.9	
26	Methyl acetate	43	3.226	3.226	0.000	100	100933	40.0	42.5	
27	Acetonitrile	40	3.283	3.283	0.000	100	49808	200.0	201.3	
28	Methylene Chloride	84	3.347	3.347	0.000	94	73017	20.0	20.9	
* 29	TBA-d9 (IS)	65	3.362	3.362	0.000	0	393485	1000.0	1000.0	
30	2-Methyl-2-propanol	59	3.448	3.448	0.000	99	79556	200.0	187.7	
31	Methyl tert-butyl ether	73	3.548	3.548	0.000	97	189706	20.0	22.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 trans-1,2-Dichloroethene	96	3.569	3.569	0.000	98	69582	20.0	21.2	
33 Acrylonitrile	53	3.670	3.670	0.000	95	248873	200.0	206.7	
34 Hexane	57	3.770	3.770	0.000	94	109371	20.0	21.9	
35 Isopropyl ether	45	4.035	4.035	0.000	98	233875	20.0	23.0	
36 1,1-Dichloroethane	63	4.049	4.057	-0.008	99	130933	20.0	23.2	
37 Vinyl acetate	86	4.092	4.092	0.000	100	27448	40.0	42.3	
38 2-Chloro-1,3-butadiene	88	4.107	4.107	0.000	91	60438	20.0	23.5	
39 Tert-butyl ethyl ether	59	4.415	4.415	0.000	89	213001	20.0	22.8	
40 2,2-Dichloropropane	79	4.644	4.644	0.000	95	33141	20.0	21.3	
* 41 2-Butanone-d5	46	4.651	4.651	0.000	93	367539	250.0	250.0	
42 cis-1,2-Dichloroethene	96	4.680	4.687	-0.007	97	71788	20.0	21.6	
43 2-Butanone (MEK)	72	4.716	4.716	0.000	100	38913	100.0	98.4	
44 Ethyl acetate	70	4.737	4.737	0.000	98	14369	40.0	42.6	
45 Methyl acrylate	55	4.794	4.794	0.000	99	57754	20.0	20.3	
46 Propionitrile	54	4.873	4.873	0.000	98	95674	200.0	202.7	
47 Tetrahydrofuran	72	4.952	4.952	0.000	88	17174	40.0	38.9	
48 Chlorobromomethane	128	4.959	4.959	0.000	95	29840	20.0	21.4	
49 Methacrylonitrile	67	5.002	5.002	0.000	93	279815	200.0	237.6	
50 Chloroform	83	5.031	5.031	0.000	97	120558	20.0	22.8	
51 Cyclohexane	84	5.160	5.167	-0.007	94	103183	20.0	22.6	
52 1,1,1-Trichloroethane	97	5.188	5.188	0.000	98	103464	20.0	22.1	
$ 53 Dibromofluoromethane (Surr)	113	5.224	5.224	0.000	95	147519	50.0	52.5	
54 Carbon tetrachloride	117	5.332	5.332	0.000	98	82109	20.0	22.9	
55 1,1-Dichloropropene	75	5.382	5.382	0.000	97	97206	20.0	21.7	
56 Isobutyl alcohol	43	5.582	5.582	0.000	89	135616	500.0	505.6	
57 Benzene	78	5.618	5.618	0.000	97	275373	20.0	21.0	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.647	5.647	0.000	98	163686	50.0	54.5	
59 Tert-amyl methyl ether	87	5.726	5.726	0.000	91	58330	20.0	22.1	
60 Isopropyl acetate	61	5.733	5.740	-0.007	99	36446	20.0	21.6	
61 1,2-Dichloroethane	62	5.740	5.740	0.000	96	85324	20.0	21.8	
62 n-Heptane	43	5.840	5.840	0.000	94	116682	20.0	22.3	
* 63 Fluorobenzene	96	5.983	5.983	0.000	98	618539	50.0	50.0	
64 n-Butanol	56	6.406	6.406	0.000	92	52908	500.0	470.3	
65 Trichloroethene	95	6.413	6.413	0.000	95	71698	20.0	22.1	
66 Methylcyclohexane	83	6.556	6.556	0.000	97	125650	20.0	23.0	
67 Ethyl acrylate	55	6.599	6.607	-0.008	98	99561	20.0	22.3	
68 1,2-Dichloropropane	63	6.771	6.771	0.000	91	73525	20.0	22.5	
* 69 1,4-Dioxane-d8	96	6.843	6.843	0.000	0	36568	1000.0	1000.0	
70 Methyl methacrylate	100	6.893	6.893	0.000	92	33092	40.0	42.0	
71 1,4-Dioxane	88	6.907	6.907	0.000	86	16482	400.0	399.7	
72 Dibromomethane	93	6.915	6.915	0.000	91	41185	20.0	21.7	
73 n-Propyl acetate	43	6.965	6.965	0.000	99	98383	20.0	20.7	
74 Dichlorobromomethane	83	7.094	7.094	0.000	99	86620	20.0	22.0	
75 2-Nitropropane	41	7.445	7.445	0.000	99	32434	40.0	36.7	
76 2-Chloroethyl vinyl ether	63	7.459	7.459	0.000	86	37273	20.0	28.1	
77 Epichlorohydrin	57	7.552	7.552	0.000	99	114905	400.0	460.4	
78 cis-1,3-Dichloropropene	75	7.595	7.602	-0.007	93	114638	20.0	20.0	
79 4-Methyl-2-pentanone (MIBK)	43	7.760	7.760	0.000	98	336163	100.0	105.1	
$ 80 Toluene-d8 (Surr)	98	7.817	7.817	0.000	98	560069	50.0	49.8	
81 Toluene	91	7.882	7.889	-0.007	93	287459	20.0	20.7	
82 trans-1,3-Dichloropropene	75	8.190	8.190	0.000	96	100219	20.0	19.4	
83 Ethyl methacrylate	69	8.218	8.225	-0.007	90	88367	20.0	21.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 1,1,2-Trichloroethane	83	8.362	8.362	0.000	96	54322	20.0	20.4	
85 Tetrachloroethene	166	8.383	8.383	0.000	92	59969	20.0	18.6	
86 1,3-Dichloropropane	76	8.519	8.519	0.000	94	100001	20.0	19.8	
87 2-Hexanone	43	8.569	8.569	0.000	98	236521	100.0	101.0	
88 n-Butyl acetate	73	8.662	8.662	0.000	98	18322	20.0	18.9	
89 Chlorodibromomethane	129	8.691	8.691	0.000	97	61901	20.0	18.8	
90 Ethylene Dibromide	107	8.798	8.798	0.000	97	58158	20.0	19.1	
* 91 Chlorobenzene-d5	117	9.178	9.178	0.000	89	451600	50.0	50.0	
92 Chlorobenzene	112	9.207	9.207	0.000	93	176184	20.0	20.2	
93 Ethylbenzene	106	9.271	9.271	0.000	99	96443	20.0	21.2	
94 1,1,1,2-Tetrachloroethane	131	9.286	9.286	0.000	93	59028	20.0	19.4	
95 m-Xylene & p-Xylene	106	9.372	9.372	0.000	0	119490	20.0	20.7	
96 n-Butyl acrylate	73	9.680	9.680	0.000	97	51013	20.0	18.7	
97 o-Xylene	106	9.701	9.701	0.000	93	113441	20.0	20.9	
98 Styrene	104	9.723	9.723	-0.001	95	196182	20.0	20.9	
99 Amyl acetate (mixed isomers)	43	9.851	9.859	-0.008	89	122813	20.0	19.8	
100 Bromoform	173	9.894	9.894	0.000	92	35838	20.0	16.3	
101 Isopropylbenzene	105	9.980	9.980	0.000	96	280136	20.0	21.0	
$ 102 4-Bromofluorobenzene	174	10.145	10.145	0.000	0	141368	50.0	45.0	
103 Bromobenzene	156	10.253	10.253	0.000	95	68792	20.0	20.0	
104 1,1,2,2-Tetrachloroethane	83	10.274	10.281	-0.007	98	82849	20.0	20.4	
105 N-Propylbenzene	91	10.303	10.303	0.000	98	387418	20.0	21.1	
106 1,2,3-Trichloropropane	110	10.317	10.324	-0.007	96	22657	20.0	20.0	
107 trans-1,4-Dichloro-2-butene	53	10.331	10.331	0.000	82	26110	20.0	19.2	
108 4-Ethyltoluene	105	10.389	10.389	0.000	98	300448	20.0	21.6	
109 2-Chlorotoluene	91	10.389	10.389	0.000	95	259309	20.0	21.5	
110 1,3,5-Trimethylbenzene	105	10.439	10.439	0.000	92	243501	20.0	19.9	
111 4-Chlorotoluene	91	10.482	10.482	0.000	99	234358	20.0	20.6	
112 Butyl Methacrylate	87	10.503	10.503	0.000	93	90228	20.0	20.1	
113 tert-Butylbenzene	119	10.675	10.675	0.000	93	212527	20.0	20.2	
114 1,2,4-Trimethylbenzene	105	10.718	10.725	-0.007	99	251761	20.0	20.5	
115 sec-Butylbenzene	105	10.840	10.840	0.000	99	334515	20.0	20.8	
116 4-Isopropyltoluene	119	10.940	10.940	0.000	97	274437	20.0	21.2	
117 1,3-Dichlorobenzene	146	10.955	10.955	0.000	94	131067	20.0	20.0	
* 118 1,4-Dichlorobenzene-d4	152	11.005	11.012	-0.007	98	237811	50.0	50.0	
119 1,4-Dichlorobenzene	146	11.026	11.026	0.000	92	134820	20.0	20.2	
120 1,2,3-Trimethylbenzene	105	11.033	11.033	0.000	99	266456	20.0	21.3	
121 Benzyl chloride	126	11.134	11.134	0.000	98	29762	20.0	17.9	
122 2,3-Dihydroindene	117	11.184	11.184	0.000	94	269085	20.0	22.9	
123 p-Diethylbenzene	119	11.220	11.220	0.000	92	181542	20.0	20.9	
124 n-Butylbenzene	92	11.234	11.234	0.000	97	162621	20.0	21.4	
125 1,2-Dichlorobenzene	146	11.298	11.298	0.000	93	124870	20.0	19.4	
126 1,2,4,5-Tetramethylbenzene	119	11.821	11.821	0.000	96	246620	20.0	20.7	
127 1,2-Dibromo-3-Chloropropane	157	11.929	11.929	0.000	93	14740	20.0	16.7	
128 1,3,5-Trichlorobenzene	180	12.050	12.051	0.000	95	91378	20.0	18.9	
129 1,2,4-Trichlorobenzene	180	12.652	12.652	0.000	94	79868	20.0	18.3	
130 Hexachlorobutadiene	225	12.760	12.760	0.000	84	36400	20.0	16.4	
131 Naphthalene	128	12.932	12.932	0.000	99	225537	20.0	19.3	
132 1,2,3-Trichlorobenzene	180	13.197	13.204	-0.007	94	72404	20.0	18.0	
S 133 1,2-Dichloroethene, Total	100				0		40.0	42.8	
S 134 1,3-Dichloropropene, Total	100				0		40.0	39.4	
S 135 Xylenes, Total	100				0		40.0	41.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 Total BTEX	1				0		100.0	104.5	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

a - User Assigned ID

Reagents:

8260MIX1COMB_00192	Amount Added:	2.00	Units: uL	
ACROLEIN W_00172	Amount Added:	3.00	Units: uL	
524FREONS_00022	Amount Added:	2.00	Units: uL	
GASES Li_00599	Amount Added:	2.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00249	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 23-Aug-2024 22:23:32 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20240823-179985.b\D18945.D

Injection Date: 23-Aug-2024 20:16:30 Instrument ID: CVOAMS4 Operator ID:

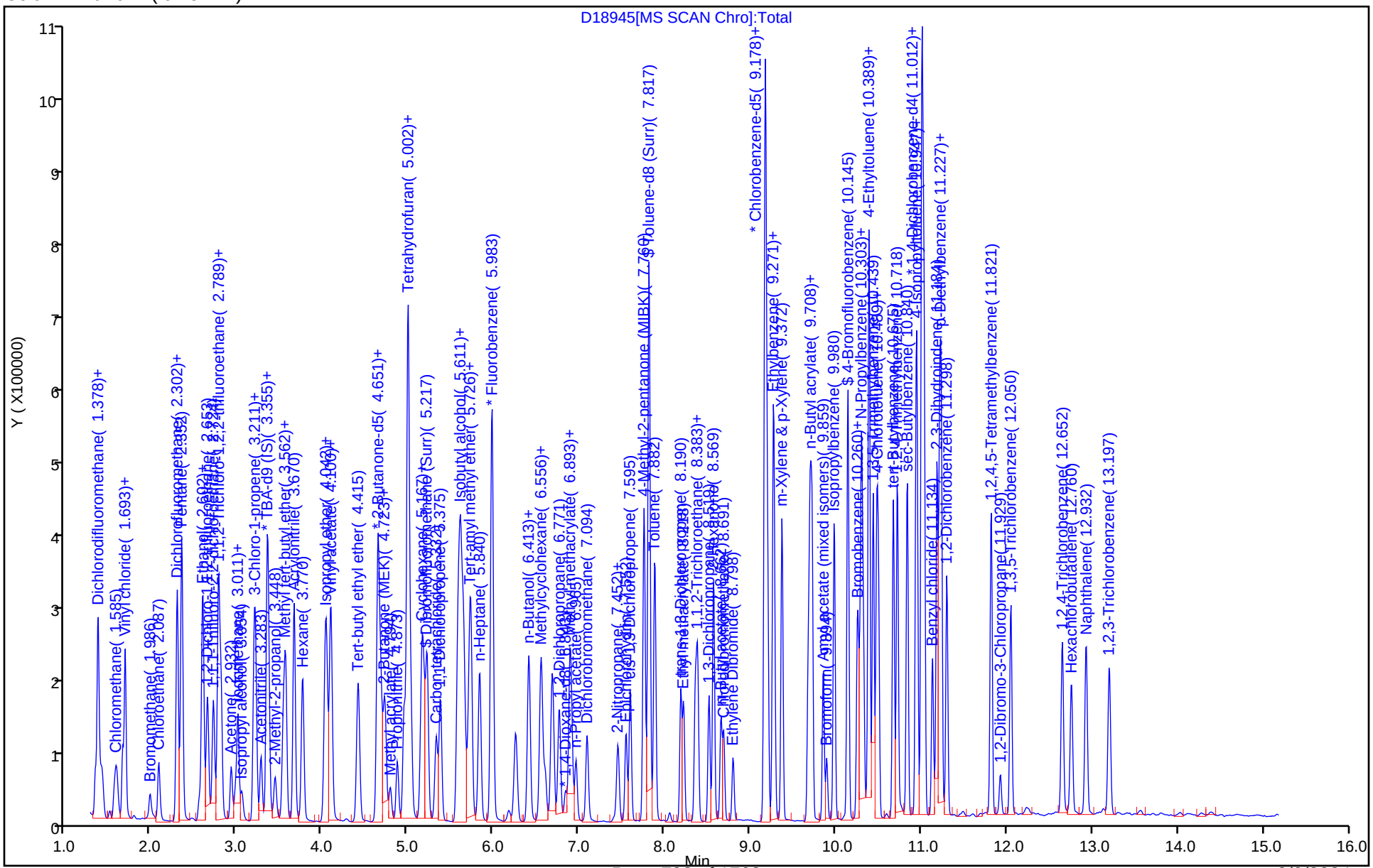
Lims ID: LCS Worklist Smp#: 2

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-309671-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-993062/3

Matrix: Solid | Lab File ID: B14237.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 08/28/2024 21:02

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 993062 | Units: mg/Kg

Preparation Batch No.: | Instrument ID: VOAMS2

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	0.0178		0.0010	0.00026
100-41-4	Ethylbenzene	0.0189		0.0010	0.00020
108-88-3	Toluene	0.0183		0.0010	0.00023
1330-20-7	Xylenes, Total	0.0383		0.0020	0.00017
107-06-2	1,2-Dichloroethane	0.0219		0.0010	0.00030
1634-04-4	MTBE	0.0221		0.0010	0.00051
106-93-4	Ethylene Dibromide	0.0207		0.0010	0.00018
91-20-3	Naphthalene	0.0177		0.0015	0.00041
95-63-6	1,2,4-Trimethylbenzene	0.0181		0.0010	0.00025
108-67-8	1,3,5-Trimethylbenzene	0.0183		0.0010	0.00031
98-82-8	Isopropylbenzene	0.0192		0.0010	0.00029

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	120		65-138
460-00-4	4-Bromofluorobenzene	100		71-128
2037-26-5	Toluene-d8 (Surr)	98		71-126
1868-53-7	Dibromofluoromethane (Surr)	118		50-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20240828-180187.b\B14237.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 28-Aug-2024 21:02:30 ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0180187-003
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20240828-180187.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 29-Aug-2024 10:38:31 Calib Date: 23-Aug-2024 16:52:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20240823-179979.b\B14063.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1681

First Level Reviewer: NN6A Date: 29-Aug-2024 10:48:49

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Dichlorodifluoromethane	85	0.984	0.978	0.006	75	73413	20.0	19.6	
2 Chlorodifluoromethane	67	0.990	0.990	0.000	97	9325	20.0	21.1	
3 Chloromethane	50	1.106	1.099	0.007	99	68700	20.0	17.6	
4 Vinyl chloride	62	1.166	1.160	0.006	98	56089	20.0	19.8	
5 Butadiene	54	1.173	1.173	0.000	98	48438	20.0	17.4	
6 Bromomethane	94	1.362	1.362	0.000	99	41041	20.0	20.8	
7 Chloroethane	64	1.374	1.374	0.000	100	33194	20.0	20.9	
9 Dichlorofluoromethane	67	1.544	1.544	0.000	99	98412	20.0	22.4	
8 Pentane	43	1.557	1.551	0.006	93	119753	40.0	36.0	
10 Trichlorofluoromethane	101	1.575	1.575	0.000	96	52534	20.0	21.9	
12 Ethanol	46	1.685	1.685	0.000	64	5000	800.0	440.0	
11 Ethyl ether	59	1.697	1.691	0.006	69	49611	20.0	26.0	
13 2-Methyl-1,3-butadiene	53	1.703	1.703	0.000	94	49402	20.0	20.7	
14 1,2-Dichloro-1,1,2-trifluoroetha	117	1.740	1.746	-0.006	83	46024	20.0	24.4	
15 1,1,1-Trifluoro-2,2-dichloroetha	83	1.782	1.782	0.000	63	78407	20.0	23.3	a
16 Acrolein	56	1.782	1.782	0.000	97	156436	300.0	331.1	
17 1,1-Dichloroethene	96	1.843	1.843	0.000	99	49834	20.0	21.1	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.880	1.886	-0.006	96	53679	20.0	21.9	a
19 Acetone	43	1.892	1.898	-0.006	88	97529	100.0	95.5	
20 Iodomethane	142	1.953	1.947	0.006	99	90130	20.0	21.1	
21 Carbon disulfide	76	1.983	2.020	-0.037	100	186725	20.0	17.3	M
22 Isopropyl alcohol	45	2.014	2.026	-0.012	39	26608	200.0	149.3	
24 3-Chloro-1-propene	39	2.081	2.087	-0.006	92	65702	20.0	20.3	
23 Acetonitrile	40	2.093	2.093	0.000	80	27946	200.0	178.7	
25 Methyl acetate	43	2.124	2.118	0.006	98	105584	40.0	49.6	
27 Methylene Chloride	84	2.178	2.185	-0.007	90	63723	20.0	20.5	
* 28 TBA-d9 (IS)	65	2.264	2.258	0.006	0	396742	1000.0	1000.0	
26 2-Methyl-2-propanol	59	2.319	2.313	0.006	91	79445	200.0	182.8	a
29 Acrylonitrile	53	2.361	2.355	0.006	94	228002	200.0	192.2	
30 trans-1,2-Dichloroethene	96	2.374	2.367	0.007	98	54356	20.0	21.6	
31 Methyl tert-butyl ether	73	2.398	2.392	0.006	97	173057	20.0	22.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Hexane	57	2.587	2.587	0.000	92	69253	20.0	17.8	
33 1,1-Dichloroethane	63	2.691	2.691	0.000	99	100547	20.0	21.6	
34 Vinyl acetate	86	2.758	2.752	0.006	100	19199	40.0	42.9	
35 2-Chloro-1,3-butadiene	88	2.764	2.764	0.000	92	46484	20.0	21.1	
36 Isopropyl ether	45	2.776	2.776	0.000	85	167557	20.0	20.6	
37 Tert-butyl ethyl ether	87	3.075	3.081	-0.006	90	69562	20.0	21.5	
* 38 2-Butanone-d5	46	3.154	3.154	0.000	0	384137	250.0	250.0	
39 cis-1,2-Dichloroethene	96	3.172	3.172	0.000	96	61235	20.0	22.0	
40 2,2-Dichloropropane	79	3.178	3.178	0.000	71	24058	20.0	21.6	
41 2-Butanone (MEK)	72	3.215	3.209	0.006	98	37967	100.0	94.7	
42 Propionitrile	54	3.258	3.258	0.000	95	96227	200.0	190.8	
43 Ethyl acetate	43	3.270	3.270	0.000	99	102302	40.0	30.5	
44 Methyl acrylate	55	3.294	3.294	0.000	99	69442	20.0	22.7	
45 Chlorobromomethane	128	3.379	3.379	0.000	91	29704	20.0	24.0	
46 Methacrylonitrile	67	3.379	3.386	-0.007	91	254793	200.0	231.6	
47 Tetrahydrofuran	42	3.434	3.447	-0.013	89	48044	40.0	36.9	
48 Chloroform	83	3.465	3.465	0.000	99	99578	20.0	22.4	
$ 49 Dibromofluoromethane (Surr)	113	3.611	3.611	0.000	97	162540	50.0	59.0	
50 1,1,1-Trichloroethane	97	3.629	3.629	0.000	99	75599	20.0	22.2	
51 Cyclohexane	84	3.678	3.678	0.000	91	74904	20.0	19.6	
52 1,1-Dichloropropene	75	3.776	3.776	0.000	94	70441	20.0	21.2	
53 Carbon tetrachloride	117	3.776	3.776	0.000	75	58291	20.0	22.7	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	3.916	3.916	0.000	0	196530	50.0	59.9	
55 Benzene	78	3.971	3.971	0.000	96	210447	20.0	17.8	
56 Isobutyl alcohol	42	3.977	3.989	-0.012	43	33280	500.0	411.8	
57 1,2-Dichloroethane	62	3.989	3.995	-0.006	98	74768	20.0	21.9	
58 Isooctane	57	4.081	4.081	0.000	94	212972	20.0	20.4	
59 Isopropyl acetate	61	4.117	4.111	0.006	95	21575	20.0	22.5	
60 Tert-amyl methyl ether	73	4.123	4.129	-0.006	91	197739	20.0	21.3	
* 61 Fluorobenzene	96	4.263	4.263	0.000	98	537082	50.0	50.0	
62 n-Heptane	43	4.288	4.288	0.000	90	70823	20.0	18.7	
63 Trichloroethene	95	4.648	4.648	0.000	97	53509	20.0	21.4	
64 n-Butanol	43	4.684	4.678	0.006	92	17190	500.0	429.0	
65 Ethyl acrylate	55	4.837	4.843	-0.007	98	140507	20.0	20.9	
66 Methylcyclohexane	83	4.855	4.861	-0.006	94	92207	20.0	20.4	
67 1,2-Dichloropropane	63	4.885	4.885	0.000	92	56265	20.0	21.9	
68 Dibromomethane	93	5.013	5.013	0.000	96	36418	20.0	23.2	
* 69 1,4-Dioxane-d8	96	5.007	5.019	-0.012	0	24444	1000.0	1000.0	
70 1,4-Dioxane	88	5.068	5.080	-0.012	83	10524	400.0	392.6	a
71 Methyl methacrylate	100	5.086	5.086	0.000	90	30701	40.0	50.5	
72 n-Propyl acetate	43	5.184	5.184	0.000	98	72557	20.0	21.8	
73 Dichlorobromomethane	83	5.221	5.221	0.000	99	64653	20.0	22.6	
74 2-Nitropropane	41	5.507	5.507	0.000	99	21560	40.0	43.0	
75 2-Chloroethyl vinyl ether	63	5.629	5.629	0.000	95	35159	20.0	22.6	
76 Epichlorohydrin	57	5.678	5.678	0.000	99	131592	400.0	395.4	
77 cis-1,3-Dichloropropene	75	5.769	5.769	0.000	94	82689	20.0	19.4	
78 4-Methyl-2-pentanone (MIBK)	43	6.007	6.013	-0.006	96	295277	100.0	94.0	
$ 79 Toluene-d8 (Surr)	98	6.092	6.092	0.000	99	615374	50.0	49.1	
80 Toluene	91	6.178	6.178	0.000	94	214281	20.0	18.3	
81 trans-1,3-Dichloropropene	75	6.507	6.507	0.000	98	66081	20.0	19.2	
82 Ethyl methacrylate	69	6.702	6.702	0.000	89	66834	20.0	22.5	a
83 1,1,2-Trichloroethane	83	6.732	6.732	0.000	94	41769	20.0	19.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Tetrachloroethene	166	6.879	6.879	0.000	96	49630	20.0	19.5	
85 1,3-Dichloropropane	76	6.928	6.934	-0.006	94	81223	20.0	19.2	
86 2-Hexanone	43	7.098	7.098	0.000	95	202014	100.0	96.8	
87 Chlorodibromomethane	129	7.184	7.184	0.000	98	44343	20.0	21.2	
88 Ethylene Dibromide	107	7.281	7.281	0.000	98	48085	20.0	20.7	
89 n-Butyl acetate	43	7.287	7.287	0.000	98	76687	20.0	17.7	
* 90 Chlorobenzene-d5	117	7.787	7.787	0.000	89	428081	50.0	50.0	
91 Chlorobenzene	112	7.812	7.812	0.000	93	136775	20.0	19.4	
92 1,1,1,2-Tetrachloroethane	131	7.915	7.909	0.006	93	45806	20.0	19.5	
93 Ethylbenzene	106	7.946	7.952	-0.006	99	72113	20.0	18.9	
94 m-Xylene & p-Xylene	106	8.068	8.068	0.000	0	88900	20.0	19.1	
95 o-Xylene	106	8.415	8.415	0.000	93	91632	20.0	19.2	
96 Styrene	104	8.433	8.433	0.000	94	151739	20.0	19.4	
97 n-Butyl acrylate	73	8.452	8.452	0.000	96	37687	20.0	18.8	
98 Bromoform	173	8.567	8.567	0.000	96	27761	20.0	23.7	
99 Amyl acetate (mixed isomers)	43	8.659	8.665	-0.006	92	85153	20.0	16.0	
100 Isopropylbenzene	105	8.750	8.750	0.000	96	221044	20.0	19.2	
$ 101 4-Bromofluorobenzene	174	8.860	8.860	0.000	91	181398	50.0	49.8	
102 Bromobenzene	156	8.964	8.964	0.000	98	59695	20.0	18.6	
103 1,1,2,2-Tetrachloroethane	83	9.006	9.006	0.000	98	74286	20.0	18.6	
104 1,2,3-Trichloropropane	110	9.019	9.019	0.000	98	19924	20.0	18.4	
105 trans-1,4-Dichloro-2-butene	53	9.049	9.049	0.000	84	18070	20.0	17.5	
106 N-Propylbenzene	120	9.086	9.086	0.000	99	62872	20.0	18.4	
107 2-Chlorotoluene	126	9.128	9.134	-0.006	97	55890	20.0	18.2	
108 4-Ethyltoluene	105	9.177	9.177	0.000	99	233892	20.0	17.9	
109 4-Chlorotoluene	91	9.220	9.220	0.000	99	202766	20.0	18.1	
110 1,3,5-Trimethylbenzene	105	9.232	9.232	0.000	92	206982	20.0	18.3	
111 Butyl Methacrylate	87	9.342	9.342	0.000	92	60722	20.0	17.3	
112 tert-Butylbenzene	119	9.476	9.476	0.000	93	168758	20.0	18.4	
113 1,2,4-Trimethylbenzene	105	9.512	9.512	0.000	98	217083	20.0	18.1	
114 sec-Butylbenzene	105	9.640	9.647	-0.007	99	269359	20.0	18.3	
115 1,3-Dichlorobenzene	146	9.701	9.701	0.000	94	114900	20.0	18.5	
* 116 1,4-Dichlorobenzene-d4	152	9.756	9.756	0.000	97	239939	50.0	50.0	
117 4-Isopropyltoluene	119	9.756	9.756	0.000	98	226181	20.0	18.5	
118 1,4-Dichlorobenzene	146	9.768	9.768	0.000	95	115781	20.0	18.7	
119 1,2,3-Trimethylbenzene	105	9.823	9.823	0.000	99	233203	20.0	18.0	
120 Benzyl chloride	126	9.878	9.878	0.000	98	15753	20.0	14.5	
121 2,3-Dihydroindene	117	9.957	9.957	0.000	94	211012	20.0	23.2	
123 1,2-Dichlorobenzene	146	10.037	10.037	0.000	91	117665	20.0	19.2	
122 p-Diethylbenzene	119	10.037	10.037	0.000	91	138228	20.0	18.9	
124 n-Butylbenzene	92	10.055	10.055	0.000	98	128092	20.0	18.8	
125 1,2,4,5-Tetramethylbenzene	119	10.579	10.579	0.000	97	223390	20.0	18.1	
126 1,2-Dibromo-3-Chloropropane	157	10.591	10.591	0.000	96	13701	20.0	19.1	
127 1,3,5-Trichlorobenzene	180	10.738	10.738	0.000	97	96172	20.0	18.7	
128 1,2,4-Trichlorobenzene	180	11.152	11.152	0.000	94	92324	20.0	18.2	
129 Hexachlorobutadiene	225	11.280	11.280	0.000	95	45315	20.0	20.5	
130 Naphthalene	128	11.317	11.317	0.000	99	254122	20.0	17.7	
131 1,2,3-Trichlorobenzene	180	11.488	11.488	0.000	95	94708	20.0	18.7	
S 132 1,2-Dichloroethene, Total	100				0		40.0	43.5	
S 133 1,3-Dichloropropene, Total	100				0		40.0	38.5	
S 134 Xylenes, Total	100				0		40.0	38.3	
S 135 Total BTEX	1				0		100.0	93.4	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8260MIX1COMB_00192	Amount Added:	2.00	Units: uL	
524FREONS_00023	Amount Added:	2.00	Units: uL	
ACROLEIN W_00173	Amount Added:	3.00	Units: uL	
GASES Li_00600	Amount Added:	2.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00249	Amount Added:	1.00	Units: uL	Run Reagent

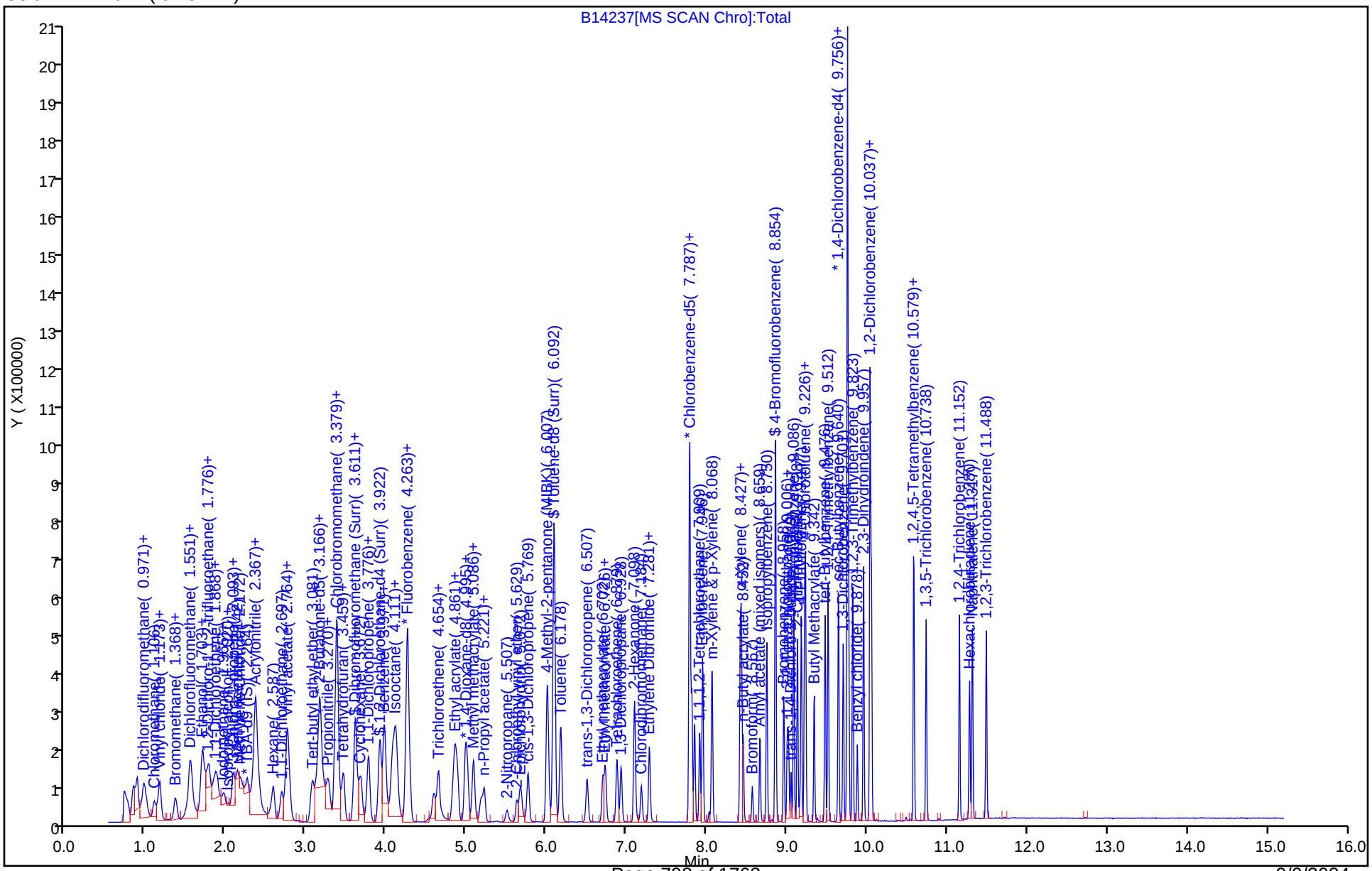
Report Date: 29-Aug-2024 10:48:50 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20240828-180187.b\B14237.D

Injection Date:	28-Aug-2024 21:02:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	LCS			Worklist Smp#:	3
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



9/9/2024
1:05:41 PM

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-309671-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-991380/4

Matrix: Solid | Lab File ID: K63719.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 08/20/2024 09:44

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 991380 | Units: mg/Kg

Preparation Batch No.: | Instrument ID: VOAMS9

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	0.0193		0.0010	0.00026
100-41-4	Ethylbenzene	0.0193		0.0010	0.00020
108-88-3	Toluene	0.0188		0.0010	0.00023
1330-20-7	Xylenes, Total	0.0413		0.0020	0.00017
107-06-2	1,2-Dichloroethane	0.0179		0.0010	0.00030
1634-04-4	MTBE	0.0200		0.0010	0.00051
106-93-4	Ethylene Dibromide	0.0173		0.0010	0.00018
91-20-3	Naphthalene	0.00497		0.0015	0.00041
95-63-6	1,2,4-Trimethylbenzene	0.0190		0.0010	0.00025
108-67-8	1,3,5-Trimethylbenzene	0.0194		0.0010	0.00031
98-82-8	Isopropylbenzene	0.0226		0.0010	0.00029

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		65-138
460-00-4	4-Bromofluorobenzene	103		71-128
2037-26-5	Toluene-d8 (Surr)	93		71-126
1868-53-7	Dibromofluoromethane (Surr)	97		50-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240820-179806.b\K63719.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 20-Aug-2024 09:44:30 ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0179806-004
Operator ID: Instrument ID: CVOAMS9

Method: \\chromfs\Edison\ChromData\CVOAMS9\20240820-179806.b\8260S9.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Aug-2024 10:10:23 Calib Date: 27-Jul-2024 02:33:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS9\20240726-178899.b\K62757.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1646

First Level Reviewer: RD6L Date: 20-Aug-2024 11:43:47

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	116	1.096	1.073	0.023	49	30097	20.0	20.3	
5 Dichlorodifluoromethane	85	1.107	1.107	0.000	71	125767	20.0	15.1	
4 Chlorodifluoromethane	67	1.107	1.107	0.000	96	18356	20.0	23.4	
6 Chloromethane	50	1.222	1.210	0.012	98	119257	20.0	15.3	
8 Butadiene	54	1.244	1.245	-0.001	89	93619	20.0	20.9	
7 Vinyl chloride	62	1.267	1.267	0.000	98	89989	20.0	19.2	
10 Chloroethane	64	1.439	1.439	0.000	73	51104	20.0	18.7	
9 Bromomethane	94	1.450	1.439	0.011	99	79980	20.0	19.3	
11 Dichlorofluoromethane	67	1.576	1.565	0.011	99	161739	20.0	19.6	
12 Pentane	72	1.564	1.565	-0.001	94	26963	40.0	37.5	
13 Trichlorofluoromethane	101	1.610	1.610	0.000	70	102860	20.0	20.0	
14 Ethyl ether	59	1.667	1.656	0.011	94	45467	20.0	16.9	
17 Ethanol	46	1.587	1.667	-0.080	59	7321	800.0	734.7	M
15 2-Methyl-1,3-butadiene	53	1.690	1.679	0.011	87	68498	20.0	21.0	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	1.702	1.690	0.012	86	80415	20.0	22.6	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	1.736	1.725	0.011	63	128685	20.0	22.6	a
18 Acrolein	56	1.736	1.736	0.000	95	144522	300.0	289.3	
20 1,1-Dichloroethene	96	1.804	1.793	0.011	97	77287	20.0	19.6	
21 Acetone	43	1.827	1.816	0.011	70	67044	100.0	98.4	
22 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.827	1.839	-0.012	97	92242	20.0	22.0	
24 Isopropyl alcohol	45	1.873	1.873	0.000	28	38513	200.0	169.4	Ma
23 Iodomethane	142	1.884	1.885	-0.001	97	151172	20.0	20.6	
25 Carbon disulfide	76	1.930	1.930	0.000	98	330239	20.0	19.2	a
27 Methyl acetate	43	1.987	1.988	-0.001	61	61215	40.0	35.4	
26 3-Chloro-1-propene	39	1.987	1.988	-0.001	90	69659	20.0	20.8	
28 Acetonitrile	40	1.987	1.988	-0.001	75	31572	200.0	194.1	
29 Cyclopentene	67	2.044	2.045	-0.001	89	169824	20.0	20.6	
30 Methylene Chloride	84	2.056	2.056	0.000	83	86288	20.0	18.9	
* 31 TBA-d9 (IS)	46	2.113	2.102	0.011	95	84374	1000.0	1000.0	
32 2-Methyl-2-propanol	59	2.159	2.148	0.011	32	80344	200.0	170.2	a
33 Acrylonitrile	53	2.193	2.182	0.011	96	203030	200.0	185.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 trans-1,2-Dichloroethene	96	2.216	2.216	0.000	93	80802	20.0	19.6	
35 Methyl tert-butyl ether	73	2.216	2.216	0.000	93	217415	20.0	20.0	
36 Hexane	43	2.376	2.376	0.000	90	57963	20.0	21.5	
37 1,1-Dichloroethane	63	2.467	2.468	-0.001	98	120848	20.0	18.7	
38 Vinyl acetate	86	2.502	2.490	0.012	99	26520	40.0	37.8	
39 Isopropyl ether	45	2.513	2.513	0.000	69	175875	20.0	19.1	
40 2-Chloro-1,3-butadiene	88	2.536	2.525	0.011	87	73089	20.0	20.1	
41 Tert-butyl ethyl ether	87	2.742	2.742	0.000	90	91692	20.0	18.4	
* 42 2-Butanone-d5	46	2.822	2.822	0.000	96	235593	250.0	250.0	
43 cis-1,2-Dichloroethene	96	2.856	2.856	0.000	98	86311	20.0	18.8	
45 2-Butanone (MEK)	72	2.867	2.868	-0.001	98	32320	100.0	80.5	
44 2,2-Dichloropropane	79	2.867	2.879	-0.012	86	42082	20.0	19.4	
47 Ethyl acetate	70	2.902	2.879	0.023	96	15082	40.0	40.0	
46 Propionitrile	54	2.902	2.913	-0.011	89	79543	200.0	180.5	a
48 Methyl acrylate	55	2.936	2.925	0.011	70	54587	20.0	15.8	
50 Methacrylonitrile	67	3.016	3.016	0.000	88	236063	200.0	172.8	
49 Chlorobromomethane	128	3.027	3.028	-0.001	78	45136	20.0	21.1	
51 Tetrahydrofuran	72	3.085	3.073	0.012	43	18294	40.0	37.5	
52 Chloroform	83	3.085	3.085	0.000	98	134462	20.0	19.3	
$ 53 Dibromofluoromethane (Surr)	113	3.210	3.210	0.000	97	155338	50.0	48.3	
54 1,1,1-Trichloroethane	97	3.245	3.245	0.000	96	131422	20.0	21.0	
55 Cyclohexane	84	3.302	3.302	0.000	86	141008	20.0	20.9	
56 1,1-Dichloropropene	75	3.370	3.359	0.011	98	99888	20.0	18.4	
57 Carbon tetrachloride	117	3.382	3.382	0.000	96	119231	20.0	22.8	
59 Isobutyl alcohol	74	3.439	3.439	0.000	45	7607	500.0	404.7	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	3.473	3.473	0.000	0	146142	50.0	47.0	
60 Benzene	78	3.530	3.531	-0.001	93	300037	20.0	19.3	
61 1,2-Dichloroethane	62	3.542	3.542	0.000	87	82116	20.0	17.9	
63 Isopropyl acetate	61	3.587	3.588	-0.001	53	23530	20.0	15.8	a
62 Isooctane	57	3.610	3.599	0.011	95	268296	20.0	16.5	
64 Tert-amyl methyl ether	73	3.633	3.622	0.011	92	208074	20.0	17.9	
66 n-Heptane	43	3.770	3.771	-0.001	45	96191	20.0	20.1	a
* 65 Fluorobenzene	96	3.770	3.771	-0.001	98	666303	50.0	50.0	
67 n-Butanol	56	4.022	4.033	-0.011	37	38804	500.0	340.6	
68 Trichloroethene	95	4.102	4.102	0.000	93	77598	20.0	18.2	
69 Ethyl acrylate	55	4.193	4.193	0.000	99	49850	20.0	14.6	
70 Methylcyclohexane	83	4.296	4.296	0.000	91	156258	20.0	20.9	
71 1,2-Dichloropropane	63	4.308	4.308	0.000	93	62247	20.0	17.3	
* 72 1,4-Dioxane-d8	96	4.388	4.399	-0.011	33	22422	1000.0	1000.0	
73 Dibromomethane	93	4.422	4.422	0.000	97	42984	20.0	17.5	
74 1,4-Dioxane	88	4.468	4.433	0.035	30	12578	400.0	351.2	Ma
75 Methyl methacrylate	69	4.422	4.433	-0.011	82	66736	40.0	30.2	
76 n-Propyl acetate	43	4.490	4.491	-0.001	95	58798	20.0	16.4	
77 Dichlorobromomethane	83	4.582	4.582	0.000	97	87066	20.0	17.5	
78 2-Nitropropane	41	4.822	4.822	0.000	97	17874	40.0	25.5	
79 2-Chloroethyl vinyl ether	63	4.913	4.925	-0.012	87	14385	20.0	6.88	
80 Epichlorohydrin	57	4.959	4.959	0.000	98	56477	400.0	178.0	
81 cis-1,3-Dichloropropene	75	5.062	5.062	0.000	89	93092	20.0	16.7	
82 4-Methyl-2-pentanone (MIBK)	43	5.256	5.256	0.000	93	227539	100.0	91.9	
$ 83 Toluene-d8 (Surr)	98	5.371	5.371	0.000	99	555065	50.0	46.5	
84 Toluene	91	5.451	5.451	0.000	93	303431	20.0	18.8	
85 trans-1,3-Dichloropropene	75	5.713	5.714	-0.001	93	75458	20.0	16.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 Ethyl methacrylate	69	5.873	5.874	-0.001	86	64403	20.0	16.9	
87 1,1,2-Trichloroethane	83	5.931	5.931	0.000	94	42923	20.0	17.3	
88 Tetrachloroethene	166	6.113	6.114	-0.001	98	81466	20.0	21.8	
89 1,3-Dichloropropane	76	6.136	6.148	-0.012	90	78109	20.0	17.3	
90 2-Hexanone	43	6.285	6.297	-0.011	94	136399	100.0	89.4	
91 Chlorodibromomethane	129	6.422	6.422	0.000	96	63322	20.0	19.7	
92 n-Butyl acetate	43	6.491	6.491	0.000	96	59735	20.0	16.8	
93 Ethylene Dibromide	107	6.559	6.548	0.011	99	50601	20.0	17.3	
S 139 1,3-Dichloropropene, Total	1				0		40.0	33.4	
* 94 Chlorobenzene-d5	117	7.211	7.211	0.000	83	440317	50.0	50.0	
95 Chlorobenzene	112	7.245	7.245	0.000	97	182867	20.0	18.7	
96 1,1,1,2-Tetrachloroethane	131	7.382	7.382	0.000	94	78878	20.0	20.4	
97 Ethylbenzene	106	7.439	7.439	0.000	97	106931	20.0	19.3	
98 m-Xylene & p-Xylene	106	7.611	7.611	0.000	0	134755	20.0	20.2	
99 o-Xylene	106	8.194	8.182	0.012	95	145510	20.0	21.0	
100 Styrene	104	8.205	8.205	0.000	96	202274	20.0	19.5	
101 n-Butyl acrylate	73	8.239	8.240	-0.001	98	44016	20.0	19.1	
102 Bromoform	173	8.445	8.434	0.011	96	40501	20.0	20.5	
103 Amyl acetate (mixed isomers)	43	8.617	8.617	0.000	94	76595	20.0	16.7	
104 Isopropylbenzene	105	8.777	8.777	0.000	95	374195	20.0	22.6	
$ 105 4-Bromofluorobenzene	174	8.971	8.971	0.000	92	168825	50.0	51.5	
106 Bromobenzene	156	9.177	9.177	0.000	95	85019	20.0	17.5	
107 1,1,2,2-Tetrachloroethane	83	9.257	9.257	0.000	96	78047	20.0	16.7	
108 1,2,3-Trichloropropane	110	9.291	9.291	0.000	97	23002	20.0	17.0	
109 trans-1,4-Dichloro-2-butene	53	9.359	9.360	-0.001	94	12350	20.0	12.3	
110 N-Propylbenzene	91	9.428	9.428	0.000	100	451852	20.0	18.9	
111 2-Chlorotoluene	91	9.508	9.508	0.000	96	272785	20.0	19.1	
112 4-Ethyltoluene	105	9.622	9.623	-0.001	99	376176	20.0	18.5	
113 4-Chlorotoluene	91	9.691	9.691	0.000	97	285814	20.0	18.9	
114 1,3,5-Trimethylbenzene	105	9.737	9.737	0.000	93	347640	20.0	19.4	
115 Butyl Methacrylate	87	9.988	9.988	0.000	86	86611	20.0	16.1	
116 tert-Butylbenzene	119	10.228	10.228	0.000	94	267980	20.0	17.9	
117 1,2,4-Trimethylbenzene	105	10.297	10.297	0.000	97	353075	20.0	19.0	
118 sec-Butylbenzene	105	10.514	10.514	0.000	99	444742	20.0	19.0	
119 1,3-Dichlorobenzene	146	10.594	10.594	0.000	98	167375	20.0	18.3	
* 121 1,4-Dichlorobenzene-d4	152	10.674	10.674	0.000	94	260071	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.697	10.697	0.000	95	161421	20.0	18.2	
120 4-Isopropyltoluene	119	10.697	10.697	0.000	98	404232	20.0	19.6	
166 1,2,3-Trimethylbenzene	105	10.777	10.777	0.000	99	376507	20.0	18.7	
124 Benzyl chloride	91	10.845	10.846	-0.001	98	120806	20.0	14.5	
125 2,3-Dihydroindene	117	10.948	10.948	0.000	95	333135	20.0	18.5	
127 1,2-Dichlorobenzene	146	11.051	11.051	0.000	98	169038	20.0	18.0	
126 p-Diethylbenzene	119	11.074	11.074	0.000	94	237363	20.0	19.5	
128 n-Butylbenzene	92	11.085	11.086	-0.001	98	209140	20.0	19.5	
130 1,2-Dibromo-3-Chloropropane	157	11.668	11.668	0.000	93	19333	20.0	17.7	
129 1,2,4,5-Tetramethylbenzene	119	11.680	11.680	0.000	97	333801	20.0	16.6	
131 1,3,5-Trichlorobenzene	180	11.828	11.828	0.000	96	126576	20.0	16.1	
132 1,2,4-Trichlorobenzene	180	12.205	12.206	-0.001	94	66646	20.0	8.96	
133 Hexachlorobutadiene	225	12.320	12.320	0.000	88	60392	20.0	18.0	
134 Naphthalene	128	12.354	12.343	0.011	99	94727	20.0	4.97	
135 1,2,3-Trichlorobenzene	180	12.491	12.491	0.000	96	80721	20.0	10.7	
S 136 1,2-Dichloroethene, Total	100				0		40.0	38.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		40.0	41.3	
S 138 Total BTEX	1				0		100.0	98.7	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

524FREONS_00022	Amount Added:	2.00	Units: uL	
ACROLEIN W_00172	Amount Added:	3.00	Units: uL	
GASES Li_00598	Amount Added:	2.00	Units: uL	
8260MIX1COMB_00192	Amount Added:	2.00	Units: uL	
8260ISNEW_00175	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00249	Amount Added:	1.00	Units: uL	Run Reagent

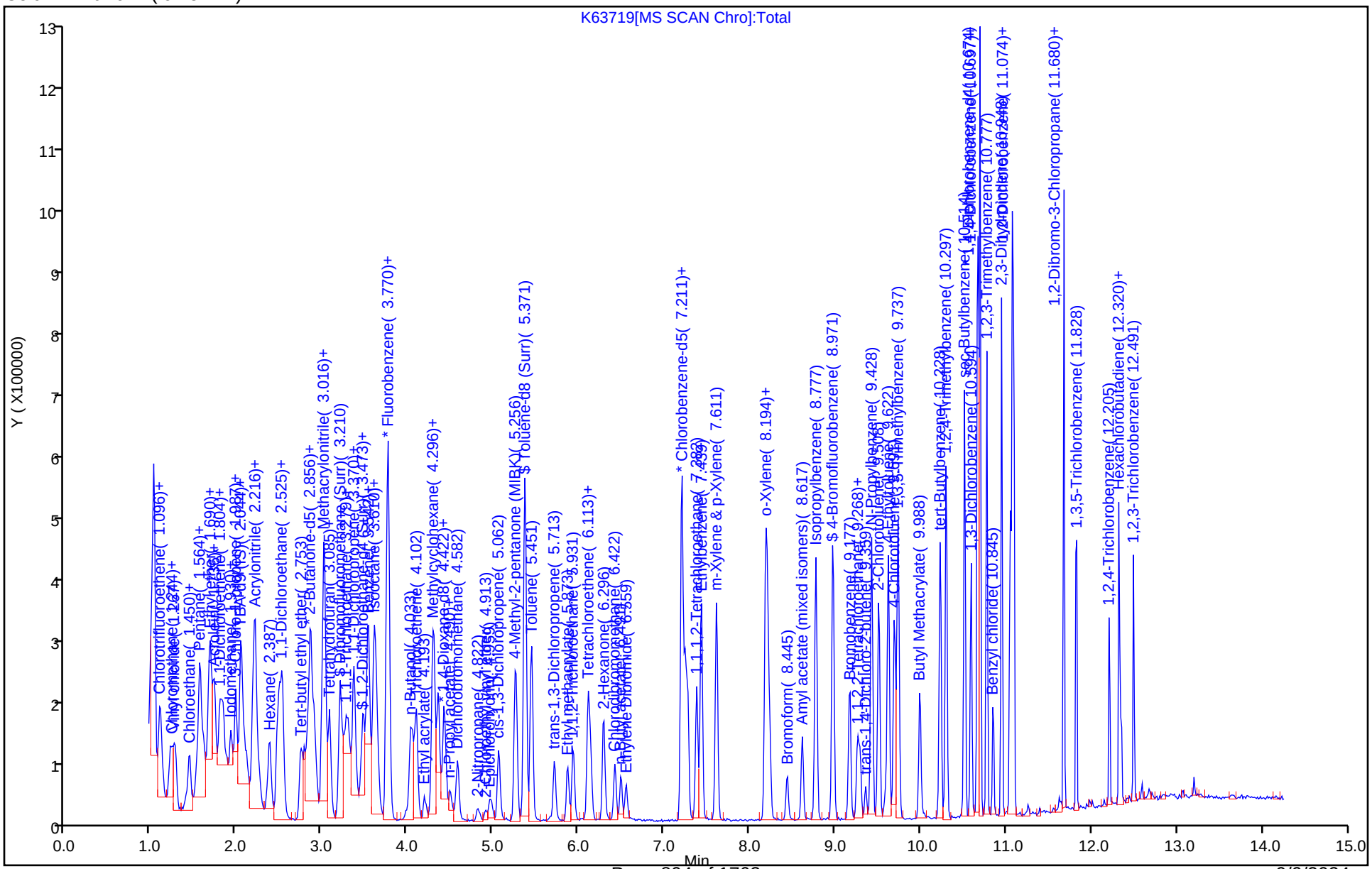
Report Date: 21-Aug-2024 10:10:24 Chrom Revision: 2.3 16-Jul-2024 14:17:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS9\20240820-179806.b\K63719.D

Injection Date:	20-Aug-2024 09:44:30	Instrument ID:	CVOAMS9	Operator ID:	
Lims ID:	LCSD			Worklist Smp#:	4
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8260S9	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



9/9/2024
1:05:41 PM

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-309671-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-991594/5

Matrix: Water | Lab File ID: TT84243.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 08/21/2024 07:35

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 991594 | Units: ug/L

Preparation Batch No.: | Instrument ID: VOAMS

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	21.6		1.0	0.20
100-41-4	Ethylbenzene	21.8		1.0	0.30
108-88-3	Toluene	21.3		1.0	0.38
1330-20-7	Xylenes, Total	45.1		2.0	0.65
107-06-2	1,2-Dichloroethane	21.5		1.0	0.43
1634-04-4	MTBE	22.2		1.0	0.22
106-93-4	Ethylene Dibromide	21.4		1.0	0.50
91-20-3	Naphthalene	22.9		1.0	0.88
95-63-6	1,2,4-Trimethylbenzene	22.5		1.0	0.37
108-67-8	1,3,5-Trimethylbenzene	22.2		1.0	0.33
98-82-8	Isopropylbenzene	21.7		1.0	0.34

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		70-128
460-00-4	4-Bromofluorobenzene	100		76-120
2037-26-5	Toluene-d8 (Surr)	98		80-120
1868-53-7	Dibromofluoromethane (Surr)	98		77-132

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240821-179848.b\TT84243.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 21-Aug-2024 07:35:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0179848-005
Operator ID: Instrument ID: CVOAMS17

Method: \\chromfs\Edison\ChromData\CVOAMS17\20240821-179848.b\8260W_17.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-Aug-2024 11:09:01 Calib Date: 20-Aug-2024 20:26:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS17\20240820-179823.b\TT84233.D

Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1626

First Level Reviewer: XE5L Date: 22-Aug-2024 11:09:01

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1	Monochloropentafluoroethane	119	1.265	1.271	-0.006	20	1081	20.0	11.1	
2	1,1-Difluoroethane	65	1.338	1.351	-0.013	98	27336	20.0	22.3	
3	Chlorotrifluoroethene	116	1.344	1.351	-0.007	58	14343	20.0	20.3	
4	Dichlorodifluoromethane	85	1.369	1.375	-0.006	98	42546	20.0	10.5	
5	Chlorodifluoromethane	67	1.399	1.399	0.000	97	9120	20.0	19.2	
6	Chloromethane	50	1.527	1.540	-0.013	99	67295	20.0	19.1	
7	Vinyl chloride	62	1.600	1.607	-0.007	83	58827	20.0	18.6	
8	Butadiene	54	1.613	1.613	0.000	95	49774	20.0	15.3	
9	Bromomethane	94	1.863	1.869	-0.006	99	43815	20.0	21.2	
10	Chloroethane	64	1.930	1.930	0.000	100	37979	20.0	21.2	
11	Dichlorofluoromethane	67	2.088	2.094	-0.006	98	104905	20.0	21.7	
12	Trichlorofluoromethane	101	2.094	2.106	-0.012	58	55087	20.0	16.6	
13	Pentane	72	2.125	2.131	-0.006	96	15581	40.0	35.5	
14	Ethanol	46	2.277	2.308	-0.031	86	5408	800.0	1199.6	
15	Ethyl ether	74	2.295	2.308	-0.013	95	21803	20.0	22.5	
16	2-Methyl-1,3-butadiene	53	2.320	2.326	-0.006	95	44937	20.0	20.0	
17	1,2-Dichloro-1,1,2-trifluoroetha	117	2.363	2.356	0.007	94	44320	20.0	20.5	
18	1,1,1-Trifluoro-2,2-dichloroetha	83	2.411	2.411	0.000	96	73265	20.0	21.1	
19	Acrolein	56	2.460	2.460	0.000	46	7445	40.0	43.2	
20	1,1,2-Trichloro-1,2,2-trifluoroe	101	2.478	2.484	-0.006	76	42773	20.0	18.7	
21	1,1-Dichloroethene	96	2.491	2.497	-0.006	98	50135	20.0	21.6	
22	Acetone	43	2.570	2.570	0.000	88	23498	100.0	104.0	
23	Iodomethane	142	2.637	2.643	-0.006	96	89295	20.0	22.7	
25	Isopropyl alcohol	45	2.661	2.655	0.006	26	13125	200.0	270.0	
24	Carbon disulfide	76	2.667	2.673	-0.006	99	193579	20.0	22.0	
26	3-Chloro-1-propene	76	2.789	2.795	-0.006	91	32717	20.0	21.9	
29	Acetonitrile	41	2.838	2.795	0.043	94	23995	200.0	223.0	a
27	Methyl acetate	43	2.795	2.801	-0.006	47	31264	40.0	38.3	
28	Cyclopentene	67	2.814	2.820	-0.006	93	109792	20.0	20.1	
* 31	TBA-d9 (IS)	66	2.911	2.905	0.006	0	10573	1000.0	1000.0	
30	Methylene Chloride	84	2.911	2.917	-0.006	92	52946	20.0	21.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	2.960	2.972	-0.012	97	18237	200.0	213.0	
33 Methyl tert-butyl ether	73	3.058	3.070	-0.012	97	98406	20.0	22.2	
34 trans-1,2-Dichloroethene	96	3.088	3.094	-0.006	95	54617	20.0	22.0	
35 Acrylonitrile	53	3.155	3.155	0.000	96	78061	200.0	220.5	
36 Hexane	57	3.234	3.246	-0.012	93	60760	20.0	17.0	
37 Isopropyl ether	45	3.435	3.435	0.000	96	156402	20.0	22.0	
38 1,1-Dichloroethane	63	3.466	3.472	-0.006	99	93219	20.0	22.3	
39 Vinyl acetate	86	3.472	3.484	-0.012	100	11004	40.0	63.0	
40 2-Chloro-1,3-butadiene	88	3.509	3.515	-0.006	90	44662	20.0	21.5	
41 Tert-butyl ethyl ether	59	3.734	3.740	-0.006	89	131839	20.0	22.2	
* 42 2-Butanone-d5	46	3.923	3.923	0.000	0	69916	250.0	250.0	
43 2,2-Dichloropropane	97	3.948	3.948	0.000	86	19144	20.0	24.0	
44 cis-1,2-Dichloroethene	96	3.960	3.966	-0.006	99	56922	20.0	22.7	
45 2-Butanone (MEK)	72	3.972	3.978	-0.006	95	9893	100.0	111.4	
46 Ethyl acetate	70	3.978	3.984	-0.006	94	4588	40.0	48.2	
47 Methyl acrylate	55	4.027	4.033	-0.006	100	19297	20.0	20.0	
48 Propionitrile	54	4.100	4.106	-0.006	99	25261	200.0	228.2	
49 Chlorobromomethane	128	4.179	4.179	0.000	91	20906	20.0	22.1	
50 Tetrahydrofuran	72	4.173	4.179	-0.006	51	4439	40.0	41.1	
51 Methacrylonitrile	67	4.204	4.204	0.000	90	90061	200.0	212.5	
52 Chloroform	83	4.234	4.234	0.000	99	80728	20.0	21.9	
53 Cyclohexane	84	4.362	4.368	-0.006	91	70889	20.0	18.9	
54 1,1,1-Trichloroethane	97	4.374	4.380	-0.006	94	70455	20.0	21.7	
$ 55 Dibromofluoromethane (Surr)	113	4.387	4.387	0.000	98	81634	50.0	49.1	
56 Carbon tetrachloride	117	4.490	4.496	-0.006	98	56511	20.0	21.1	
57 1,1-Dichloropropene	75	4.515	4.521	-0.006	98	66169	20.0	21.9	
58 Isobutyl alcohol	43	4.643	4.643	0.000	92	15755	500.0	488.5	
59 Isooctane	57	4.679	4.685	-0.006	99	151283	20.0	17.4	
60 Benzene	78	4.710	4.710	0.000	96	207037	20.0	21.6	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.722	4.722	0.000	0	70543	50.0	47.5	
63 Isopropyl acetate	61	4.771	4.771	0.000	80	14801	20.0	22.2	
62 Tert-amyl methyl ether	73	4.771	4.777	-0.006	88	118349	20.0	23.9	
64 1,2-Dichloroethane	62	4.795	4.795	0.000	95	40179	20.0	21.5	
65 n-Heptane	100	4.862	4.862	0.000	92	10406	20.0	17.1	
* 66 Fluorobenzene	96	4.990	4.990	0.000	99	378983	50.0	50.0	
67 n-Butanol	56	5.283	5.283	0.000	84	13407	500.0	653.0	
68 Trichloroethene	95	5.331	5.331	0.000	98	47365	20.0	21.2	
70 Ethyl acrylate	99	5.453	5.459	-0.006	93	4788	20.0	20.2	
69 Methylcyclohexane	83	5.459	5.459	0.000	88	78701	20.0	18.5	
71 1,2-Dichloropropane	63	5.612	5.618	-0.006	95	49035	20.0	22.3	
* 72 1,4-Dioxane-d8	96	5.667	5.661	0.006	0	7923	1000.0	1000.0	
73 Methyl methacrylate	100	5.697	5.697	0.000	90	12462	40.0	43.4	
75 1,4-Dioxane	88	5.728	5.722	0.006	50	4835	400.0	526.7	
74 Dibromomethane	93	5.740	5.740	0.000	94	17447	20.0	21.0	
76 n-Propyl acetate	43	5.752	5.752	0.000	99	29783	20.0	23.1	
77 Dichlorobromomethane	83	5.892	5.892	0.000	100	47956	20.0	21.6	
78 2-Nitropropane	41	6.222	6.222	0.000	74	7962	40.0	40.2	
79 2-Chloroethyl vinyl ether	63	6.228	6.234	-0.006	87	16429	20.0	21.1	
80 Epichlorohydrin	57	6.325	6.325	0.000	99	33101	400.0	486.5	
81 cis-1,3-Dichloropropene	75	6.386	6.386	0.000	91	65663	20.0	21.9	
82 4-Methyl-2-pentanone (MIBK)	58	6.551	6.551	0.000	96	42671	100.0	127.1	
$ 83 Toluene-d8 (Surr)	98	6.624	6.630	-0.006	100	356304	50.0	49.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	6.703	6.703	0.000	93	211904	20.0	21.3	
85 trans-1,3-Dichloropropene	75	7.045	7.045	0.000	97	48028	20.0	21.9	
86 Ethyl methacrylate	69	7.087	7.081	0.006	88	37332	20.0	22.3	
87 1,1,2-Trichloroethane	83	7.258	7.258	0.000	97	24303	20.0	21.8	
88 Tetrachloroethene	166	7.301	7.301	0.000	98	49521	20.0	21.5	
89 1,3-Dichloropropane	76	7.465	7.465	0.000	94	46445	20.0	21.8	
90 2-Hexanone	43	7.532	7.532	0.000	95	61585	100.0	120.7	
91 n-Butyl acetate	43	7.654	7.654	0.000	98	35640	20.0	23.2	
92 Chlorodibromomethane	129	7.691	7.691	0.000	98	27618	20.0	20.9	
93 Ethylene Dibromide	107	7.843	7.843	0.000	99	24008	20.0	21.4	
* 94 Chlorobenzene-d5	117	8.386	8.386	0.000	86	265825	50.0	50.0	
95 Chlorobenzene	112	8.422	8.422	0.000	95	126981	20.0	21.9	
96 Ethylbenzene	106	8.532	8.532	0.000	98	74705	20.0	21.8	
97 1,1,1,2-Tetrachloroethane	131	8.544	8.544	0.000	96	41099	20.0	21.5	
98 m-Xylene & p-Xylene	106	8.691	8.691	0.000	0	93661	20.0	22.4	
100 n-Butyl acrylate	73	9.203	9.203	0.000	52	23411	20.0	23.4	
99 o-Xylene	106	9.203	9.203	0.000	94	93232	20.0	22.6	
101 Styrene	104	9.239	9.239	0.000	96	142004	20.0	22.4	
102 Bromoform	173	9.483	9.483	0.000	54	15404	20.0	20.9	
103 Amyl acetate (mixed isomers)	43	9.483	9.483	0.000	91	52020	20.0	24.4	
104 Isopropylbenzene	105	9.635	9.635	0.000	96	212708	20.0	21.7	
$ 105 4-Bromofluorobenzene	174	9.861	9.861	0.000	95	106764	50.0	49.9	
106 Bromobenzene	156	10.001	10.001	0.000	99	51053	20.0	22.5	
107 1,1,2,2-Tetrachloroethane	83	10.062	10.062	0.000	98	29499	20.0	21.5	
108 N-Propylbenzene	91	10.093	10.093	0.000	99	283705	20.0	22.7	
109 1,2,3-Trichloropropane	110	10.117	10.117	0.000	97	7593	20.0	21.6	
110 trans-1,4-Dichloro-2-butene	53	10.135	10.141	-0.006	89	6388	20.0	22.5	a
111 2-Chlorotoluene	91	10.202	10.202	0.000	96	189841	20.0	22.4	
112 4-Ethyltoluene	105	10.221	10.221	0.000	98	231947	20.0	22.5	
113 1,3,5-Trimethylbenzene	105	10.294	10.294	0.000	92	191129	20.0	22.2	
114 4-Chlorotoluene	91	10.324	10.324	0.000	97	172829	20.0	22.7	
115 Butyl Methacrylate	87	10.410	10.410	0.000	89	53894	20.0	18.5	
116 tert-Butylbenzene	119	10.599	10.599	0.000	94	154250	20.0	22.0	
117 1,2,4-Trimethylbenzene	105	10.660	10.666	-0.006	98	203550	20.0	22.5	
118 sec-Butylbenzene	105	10.812	10.812	0.000	99	248310	20.0	22.2	
119 1,3-Dichlorobenzene	146	10.940	10.940	0.000	97	106156	20.0	22.6	
120 4-Isopropyltoluene	119	10.952	10.952	0.000	98	216356	20.0	22.5	
* 121 1,4-Dichlorobenzene-d4	152	11.013	11.013	0.000	95	135475	50.0	50.0	
122 1,4-Dichlorobenzene	146	11.038	11.032	0.006	96	102507	20.0	22.3	
123 1,2,3-Trimethylbenzene	105	11.062	11.062	0.000	98	204361	20.0	22.4	
124 Benzyl chloride	91	11.172	11.172	0.000	99	58945	20.0	24.2	
125 2,3-Dihydroindene	117	11.233	11.233	0.000	95	178623	20.0	22.3	
126 p-Diethylbenzene	119	11.300	11.300	0.000	93	135043	20.0	22.9	
127 n-Butylbenzene	92	11.324	11.324	0.000	98	119510	20.0	22.6	
128 1,2-Dichlorobenzene	146	11.367	11.373	-0.006	96	92990	20.0	22.2	
129 1,2,4,5-Tetramethylbenzene	119	11.970	11.970	0.000	98	203819	20.0	22.9	
130 1,2-Dibromo-3-Chloropropane	155	12.050	12.050	0.000	96	4025	20.0	23.3	
131 1,3,5-Trichlorobenzene	180	12.165	12.172	-0.007	97	95776	20.0	23.4	
132 1,2,4-Trichlorobenzene	180	12.665	12.665	0.000	93	75040	20.0	22.8	
133 Hexachlorobutadiene	225	12.757	12.757	0.000	98	49125	20.0	22.7	
134 Naphthalene	128	12.860	12.860	0.000	100	101797	20.0	22.9	
135 1,2,3-Trichlorobenzene	180	13.037	13.037	0.000	95	61786	20.0	23.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		40.0	44.7	
S 137 Xylenes, Total	100				0		40.0	45.1	
S 139 1,3-Dichloropropene, Total	1				0		40.0	43.9	
S 140 Total BTEX	1				0		100.0	109.9	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

524FREONS_00023	Amount Added:	20.00	Units: uL	
8260MIX1COMB_00192	Amount Added:	20.00	Units: uL	
GASES Li_00599	Amount Added:	20.00	Units: uL	
ACROLEIN W_00172	Amount Added:	4.00	Units: uL	
VOA6IS/SURR_00075	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 22-Aug-2024 11:09:01 Chrom Revision: 2.3 16-Jul-2024 14:17:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS17\20240821-179848.b\TT84243.D

Injection Date: 21-Aug-2024 07:35:30 Instrument ID: CVOAMS17

Lims ID: LCSD

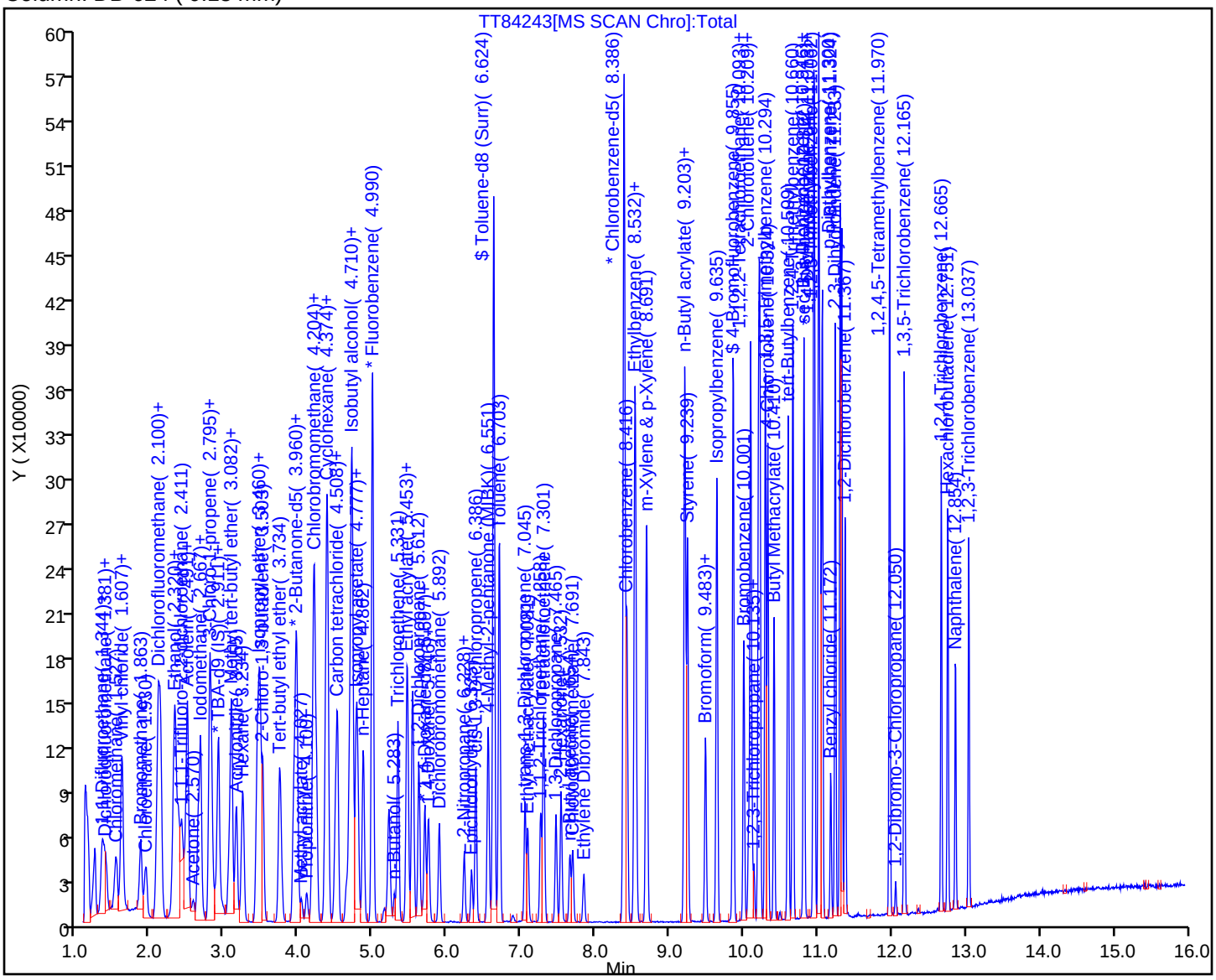
Client ID:

Operator ID: ALS Bottle#: 4 Worklist Smp#: 5

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_17 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-309671-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-992235/3

Matrix: Solid | Lab File ID: D18946.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 08/23/2024 20:40

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 992235 | Units: mg/Kg

Preparation Batch No.: | Instrument ID: VOAMS4

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	0.0207		0.0010	0.00026
100-41-4	Ethylbenzene	0.0216		0.0010	0.00020
108-88-3	Toluene	0.0212		0.0010	0.00023
1330-20-7	Xylenes, Total	0.0408		0.0020	0.00017
107-06-2	1,2-Dichloroethane	0.0222		0.0010	0.00030
1634-04-4	MTBE	0.0224		0.0010	0.00051
106-93-4	Ethylene Dibromide	0.0195		0.0010	0.00018
91-20-3	Naphthalene	0.0197		0.0015	0.00041
95-63-6	1,2,4-Trimethylbenzene	0.0211		0.0010	0.00025
108-67-8	1,3,5-Trimethylbenzene	0.0206		0.0010	0.00031
98-82-8	Isopropylbenzene	0.0208		0.0010	0.00029

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	113		65-138
460-00-4	4-Bromofluorobenzene	96		71-128
2037-26-5	Toluene-d8 (Surr)	104		71-126
1868-53-7	Dibromofluoromethane (Surr)	108		50-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20240823-179985.b\D18946.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 23-Aug-2024 20:40:30 ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0179985-003
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20240823-179985.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 23-Aug-2024 23:17:42 Calib Date: 20-Aug-2024 03:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20240819-179789.b\D18726.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1616

First Level Reviewer: HVW2 Date: 23-Aug-2024 23:18:04

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1	Chlorotrifluoroethene	116	1.357	1.326	0.031	58	0	20.0	0	7a
2	Dichlorodifluoromethane	85	1.378	1.378	0.000	100	190391	20.0	33.8	
3	Chlorodifluoromethane	51	1.421	1.421	0.000	99	191022	20.0	37.6	
4	Chloromethane	50	1.585	1.585	0.000	99	128673	20.0	29.7	
5	Vinyl chloride	62	1.664	1.664	0.000	100	90397	20.0	31.1	
6	Butadiene	54	1.693	1.693	0.000	96	87705	20.0	31.6	
7	Bromomethane	94	1.987	1.986	0.001	95	25903	20.0	28.5	
8	Chloroethane	64	2.087	2.087	0.000	100	69461	20.0	27.7	
9	Trichlorofluoromethane	101	2.302	2.302	0.000	99	127681	20.0	24.1	
10	Dichlorofluoromethane	67	2.302	2.302	0.000	99	165691	20.0	24.9	
11	Pentane	72	2.352	2.352	0.000	97	29520	40.0	40.6	
12	Ethanol	46	2.560	2.559	0.001	96	18396	800.0	750.1	
13	Ethyl ether	59	2.595	2.588	0.007	96	61673	20.0	22.0	
14	2-Methyl-1,3-butadiene	53	2.603	2.602	0.001	97	71254	20.0	24.0	
15	1,2-Dichloro-1,1,2-trifluoroetha	117	2.653	2.653	0.000	96	58162	20.0	21.3	
16	1,1,1-Trifluoro-2,2-dichloroetha	83	2.724	2.724	0.000	98	106037	20.0	22.7	
17	1,1,2-Trichloro-1,2,2-trifluoroe	101	2.782	2.782	0.000	88	72000	20.0	22.0	
18	Acrolein	56	2.789	2.782	0.007	96	170872	300.0	256.9	
19	1,1-Dichloroethene	96	2.818	2.817	0.001	98	65644	20.0	22.1	
20	Acetone	43	2.932	2.932	0.000	87	95052	100.0	86.4	
21	Iodomethane	142	2.982	2.982	0.000	99	60637	20.0	20.2	
22	Carbon disulfide	76	3.011	3.011	0.000	100	207703	20.0	19.5	
23	Isopropyl alcohol	45	3.061	3.061	0.000	98	53220	200.0	180.7	
24	3-Chloro-1-propene	76	3.197	3.197	0.000	90	36545	20.0	23.4	
25	Cyclopentene	67	3.211	3.211	0.000	94	152239	20.0	23.3	
26	Methyl acetate	43	3.226	3.226	0.000	100	104544	40.0	43.4	
27	Acetonitrile	40	3.283	3.283	0.000	99	51553	200.0	205.3	
28	Methylene Chloride	84	3.348	3.347	0.001	96	72704	20.0	20.5	
* 29	TBA-d9 (IS)	65	3.362	3.362	0.000	0	400068	1000.0	1000.0	
30	2-Methyl-2-propanol	59	3.448	3.448	0.000	99	82583	200.0	191.6	
31	Methyl tert-butyl ether	73	3.548	3.548	0.000	97	192882	20.0	22.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 trans-1,2-Dichloroethene	96	3.570	3.569	0.001	98	70378	20.0	21.1	
33 Acrylonitrile	53	3.670	3.670	0.000	94	251384	200.0	205.3	
34 Hexane	57	3.770	3.770	0.000	95	116768	20.0	23.1	
35 Isopropyl ether	45	4.035	4.035	0.000	97	240241	20.0	23.3	
36 1,1-Dichloroethane	63	4.050	4.049	0.001	99	132600	20.0	23.1	
37 Vinyl acetate	86	4.093	4.092	0.001	100	27465	40.0	41.8	
38 2-Chloro-1,3-butadiene	88	4.107	4.107	0.000	92	61121	20.0	23.4	
39 Tert-butyl ethyl ether	59	4.415	4.415	0.000	89	215783	20.0	22.7	
40 2,2-Dichloropropane	79	4.644	4.644	0.000	89	33388	20.0	21.2	
* 41 2-Butanone-d5	46	4.651	4.651	0.000	93	380749	250.0	250.0	
42 cis-1,2-Dichloroethene	96	4.687	4.680	0.007	98	75135	20.0	22.3	
43 2-Butanone (MEK)	72	4.716	4.716	0.000	98	40189	100.0	98.1	
44 Ethyl acetate	70	4.737	4.737	0.000	98	14997	40.0	42.9	
45 Methyl acrylate	55	4.794	4.794	0.000	99	60867	20.0	21.0	
46 Propionitrile	54	4.873	4.873	0.000	98	98574	200.0	201.6	
47 Tetrahydrofuran	72	4.952	4.952	0.000	88	17205	40.0	37.7	
48 Chlorobromomethane	128	4.959	4.959	0.000	95	29877	20.0	21.1	
49 Methacrylonitrile	67	5.002	5.002	0.000	93	285012	200.0	238.5	
50 Chloroform	83	5.031	5.031	0.000	98	125001	20.0	23.3	
51 Cyclohexane	84	5.160	5.160	0.000	93	105746	20.0	22.8	
52 1,1,1-Trichloroethane	97	5.188	5.188	0.000	98	105136	20.0	22.1	
$ 53 Dibromofluoromethane (Surr)	113	5.224	5.224	0.000	94	153800	50.0	54.0	
54 Carbon tetrachloride	117	5.332	5.332	0.000	98	84156	20.0	23.1	
55 1,1-Dichloropropene	75	5.382	5.382	0.000	97	99645	20.0	21.9	
56 Isobutyl alcohol	43	5.582	5.582	0.000	88	140729	500.0	516.1	
57 Benzene	78	5.618	5.618	0.000	98	274572	20.0	20.7	
$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.647	5.647	0.000	99	172517	50.0	56.6	
59 Tert-amyl methyl ether	87	5.726	5.726	0.000	92	59803	20.0	22.3	
60 Isopropyl acetate	61	5.733	5.733	0.000	99	36747	20.0	21.5	
61 1,2-Dichloroethane	62	5.740	5.740	0.000	95	88247	20.0	22.2	
62 n-Heptane	43	5.840	5.840	0.000	94	119062	20.0	22.5	
* 63 Fluorobenzene	96	5.984	5.983	0.001	98	627579	50.0	50.0	
64 n-Butanol	56	6.406	6.406	0.000	91	53481	500.0	467.6	
65 Trichloroethene	95	6.413	6.413	0.000	96	70594	20.0	21.4	
66 Methylcyclohexane	83	6.557	6.556	0.001	96	130656	20.0	23.5	
67 Ethyl acrylate	55	6.600	6.599	0.001	98	100758	20.0	22.3	
68 1,2-Dichloropropane	63	6.771	6.771	0.000	91	73500	20.0	22.2	
* 69 1,4-Dioxane-d8	96	6.843	6.843	0.000	0	36262	1000.0	1000.0	
70 Methyl methacrylate	100	6.893	6.893	0.000	91	33756	40.0	42.3	
71 1,4-Dioxane	88	6.908	6.907	0.001	84	16591	400.0	405.8	
72 Dibromomethane	93	6.915	6.915	0.000	91	42406	20.0	22.0	
73 n-Propyl acetate	43	6.965	6.965	0.000	99	97198	20.0	20.2	
74 Dichlorobromomethane	83	7.094	7.094	0.000	99	85867	20.0	21.4	
75 2-Nitropropane	41	7.445	7.445	0.000	99	31625	40.0	35.2	
76 2-Chloroethyl vinyl ether	63	7.459	7.459	0.000	86	38877	20.0	28.9	
77 Epichlorohydrin	57	7.552	7.552	0.000	100	113263	400.0	438.1	
78 cis-1,3-Dichloropropene	75	7.595	7.595	0.000	94	118159	20.0	20.4	
79 4-Methyl-2-pentanone (MIBK)	43	7.760	7.760	0.000	98	344604	100.0	104.0	
$ 80 Toluene-d8 (Surr)	98	7.817	7.817	0.000	98	589916	50.0	51.9	
81 Toluene	91	7.882	7.882	0.000	93	297202	20.0	21.2	
82 trans-1,3-Dichloropropene	75	8.190	8.190	0.000	96	101382	20.0	19.4	
83 Ethyl methacrylate	69	8.218	8.218	0.000	90	87981	20.0	21.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 1,1,2-Trichloroethane	83	8.362	8.362	0.000	95	52063	20.0	19.3	
85 Tetrachloroethene	166	8.383	8.383	0.000	93	61414	20.0	18.8	
86 1,3-Dichloropropane	76	8.519	8.519	0.000	94	102756	20.0	20.1	
87 2-Hexanone	43	8.569	8.569	0.000	98	240798	100.0	99.2	
88 n-Butyl acetate	73	8.663	8.662	0.001	98	17973	20.0	18.3	
89 Chlorodibromomethane	129	8.691	8.691	0.000	97	64088	20.0	19.2	
90 Ethylene Dibromide	107	8.799	8.798	0.001	97	60048	20.0	19.5	
* 91 Chlorobenzene-d5	117	9.178	9.178	0.000	89	457167	50.0	50.0	
92 Chlorobenzene	112	9.207	9.207	0.000	97	177374	20.0	20.1	
93 Ethylbenzene	106	9.271	9.271	0.000	99	99292	20.0	21.6	
94 1,1,1,2-Tetrachloroethane	131	9.286	9.286	0.000	93	59155	20.0	19.2	
95 m-Xylene & p-Xylene	106	9.372	9.372	0.000	0	117423	20.0	20.0	
96 n-Butyl acrylate	73	9.680	9.680	0.000	96	51973	20.0	18.9	
97 o-Xylene	106	9.701	9.701	0.000	93	114180	20.0	20.8	
98 Styrene	104	9.723	9.723	0.001	94	195944	20.0	20.6	
99 Amyl acetate (mixed isomers)	43	9.852	9.851	0.001	89	125638	20.0	20.6	
100 Bromoform	173	9.895	9.894	0.001	92	35929	20.0	16.2	
101 Isopropylbenzene	105	9.981	9.980	0.001	96	281302	20.0	20.8	
$ 102 4-Bromofluorobenzene	174	10.145	10.145	0.000	0	147239	50.0	47.8	
103 Bromobenzene	156	10.253	10.253	0.000	95	66714	20.0	19.8	
104 1,1,2,2-Tetrachloroethane	83	10.281	10.274	0.007	98	84768	20.0	21.2	
105 N-Propylbenzene	91	10.303	10.303	0.000	98	391003	20.0	21.6	
106 1,2,3-Trichloropropane	110	10.317	10.317	0.000	95	22228	20.0	20.0	
107 trans-1,4-Dichloro-2-butene	53	10.332	10.331	0.001	83	25343	20.0	19.0	
108 4-Ethyltoluene	105	10.389	10.389	0.000	98	304841	20.0	22.3	
109 2-Chlorotoluene	91	10.389	10.389	0.000	95	255516	20.0	21.6	
110 1,3,5-Trimethylbenzene	105	10.439	10.439	0.000	92	247403	20.0	20.6	
111 4-Chlorotoluene	91	10.482	10.482	0.000	98	231439	20.0	20.7	
112 Butyl Methacrylate	87	10.503	10.503	0.000	92	90871	20.0	20.6	
113 tert-Butylbenzene	119	10.675	10.675	0.000	92	214040	20.0	20.7	
114 1,2,4-Trimethylbenzene	105	10.718	10.718	0.000	98	254207	20.0	21.1	
115 sec-Butylbenzene	105	10.840	10.840	0.000	99	342517	20.0	21.7	
116 4-Isopropyltoluene	119	10.940	10.940	0.000	97	274236	20.0	21.5	
117 1,3-Dichlorobenzene	146	10.955	10.955	0.000	93	132604	20.0	20.6	
* 118 1,4-Dichlorobenzene-d4	152	11.012	11.005	0.007	97	233512	50.0	50.0	
119 1,4-Dichlorobenzene	146	11.026	11.026	0.000	92	133092	20.0	20.3	
120 1,2,3-Trimethylbenzene	105	11.034	11.033	0.001	98	268323	20.0	21.9	
121 Benzyl chloride	126	11.134	11.134	0.000	98	28965	20.0	17.7	
122 2,3-Dihydroindene	117	11.184	11.184	0.000	94	270616	20.0	22.7	
123 p-Diethylbenzene	119	11.220	11.220	0.000	93	182250	20.0	21.4	
124 n-Butylbenzene	92	11.234	11.234	0.000	96	159943	20.0	21.4	
125 1,2-Dichlorobenzene	146	11.299	11.298	0.001	93	127009	20.0	20.1	
126 1,2,4,5-Tetramethylbenzene	119	11.821	11.821	0.000	97	248998	20.0	21.2	
127 1,2-Dibromo-3-Chloropropane	157	11.929	11.929	0.000	94	14603	20.0	16.8	
128 1,3,5-Trichlorobenzene	180	12.051	12.050	0.001	95	89154	20.0	18.7	
129 1,2,4-Trichlorobenzene	180	12.652	12.652	0.000	93	78847	20.0	18.4	
130 Hexachlorobutadiene	225	12.760	12.760	0.000	86	38728	20.0	17.8	
131 Naphthalene	128	12.932	12.932	0.000	99	225278	20.0	19.7	
132 1,2,3-Trichlorobenzene	180	13.204	13.197	0.007	93	73835	20.0	18.7	
S 133 1,2-Dichloroethene, Total	100				0		40.0	43.4	
S 134 1,3-Dichloropropene, Total	100				0		40.0	39.8	
S 135 Xylenes, Total	100				0		40.0	40.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 Total BTEX	1				0		100.0	104.2	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

a - User Assigned ID

Reagents:

ACROLEIN W_00172	Amount Added:	3.00	Units: uL	
524FREONS_00022	Amount Added:	2.00	Units: uL	
GASES Li_00599	Amount Added:	2.00	Units: uL	
8260MIX1COMB_00192	Amount Added:	2.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00249	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 23-Aug-2024 23:18:05 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20240823-179985.b\D18946.D

Injection Date: 23-Aug-2024 20:40:30 Instrument ID: CVOAMS4 Operator ID:

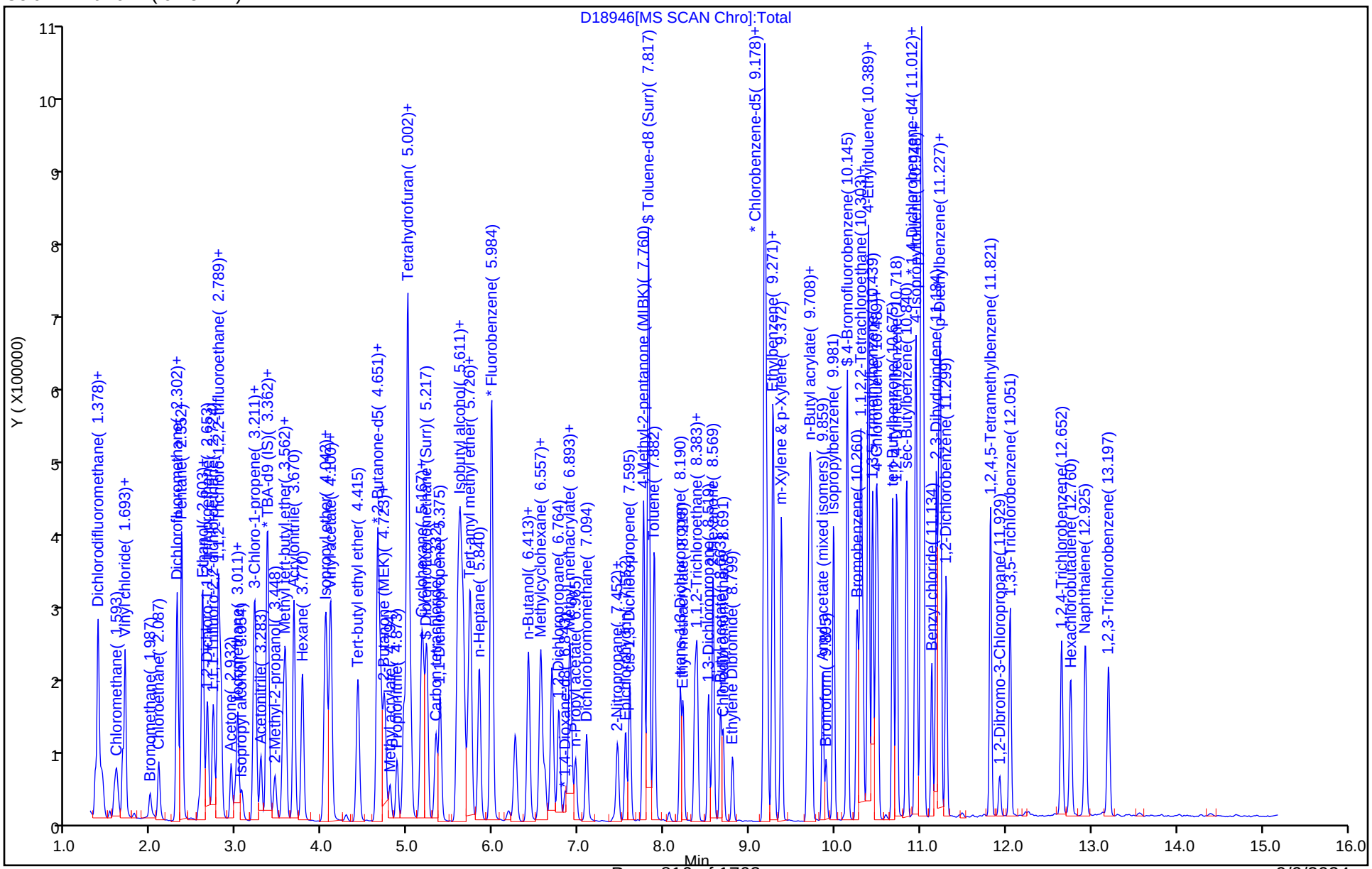
Lims ID: LCSD Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-309671-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-993062/4

Matrix: Solid | Lab File ID: B14238.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 08/28/2024 21:27

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 993062 | Units: mg/Kg

Preparation Batch No.: | Instrument ID: VOAMS2

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	0.0181		0.0010	0.00026
100-41-4	Ethylbenzene	0.0188		0.0010	0.00020
108-88-3	Toluene	0.0185		0.0010	0.00023
1330-20-7	Xylenes, Total	0.0385		0.0020	0.00017
107-06-2	1,2-Dichloroethane	0.0221		0.0010	0.00030
1634-04-4	MTBE	0.0219		0.0010	0.00051
106-93-4	Ethylene Dibromide	0.0207		0.0010	0.00018
91-20-3	Naphthalene	0.0175		0.0015	0.00041
95-63-6	1,2,4-Trimethylbenzene	0.0182		0.0010	0.00025
108-67-8	1,3,5-Trimethylbenzene	0.0185		0.0010	0.00031
98-82-8	Isopropylbenzene	0.0195		0.0010	0.00029

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	116		65-138
460-00-4	4-Bromofluorobenzene	98		71-128
2037-26-5	Toluene-d8 (Surr)	99		71-126
1868-53-7	Dibromofluoromethane (Surr)	118		50-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20240828-180187.b\B14238.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 28-Aug-2024 21:27:30 ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0180187-004
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20240828-180187.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 29-Aug-2024 10:50:32 Calib Date: 23-Aug-2024 16:52:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20240823-179979.b\B14063.D

Column 1 : DB-624 (0.18 mm) Det: MS SCAN
Process Host: CTX1681

First Level Reviewer: C1JX Date: 28-Aug-2024 21:53:43

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Dichlorodifluoromethane	85	0.971	0.978	-0.007	76	76961	20.0	20.9	
2 Chlorodifluoromethane	67	0.984	0.990	-0.006	95	9435	20.0	21.7	
3 Chloromethane	50	1.093	1.099	-0.006	99	74387	20.0	19.4	
4 Vinyl chloride	62	1.154	1.160	-0.006	98	58190	20.0	20.9	
5 Butadiene	54	1.166	1.173	-0.007	98	55224	20.0	20.2	
6 Bromomethane	94	1.349	1.362	-0.013	99	43265	20.0	22.3	
7 Chloroethane	64	1.374	1.374	0.000	99	34174	20.0	21.9	
9 Dichlorofluoromethane	67	1.538	1.544	-0.006	99	103595	20.0	24.0	
8 Pentane	43	1.551	1.551	0.000	95	117805	40.0	36.1	
10 Trichlorofluoromethane	101	1.569	1.575	-0.006	97	53646	20.0	22.7	
12 Ethanol	46	1.691	1.685	0.006	52	11703	800.0	1127.5	
11 Ethyl ether	59	1.691	1.691	0.000	69	45435	20.0	24.2	
13 2-Methyl-1,3-butadiene	53	1.703	1.703	0.000	94	47665	20.0	20.4	
14 1,2-Dichloro-1,1,2-trifluoroetha	117	1.727	1.746	-0.019	83	45868	20.0	24.7	
15 1,1,1-Trifluoro-2,2-dichloroetha	83	1.770	1.782	-0.012	64	79877	20.0	24.2	a
16 Acrolein	56	1.776	1.782	-0.006	96	146564	300.0	339.6	
17 1,1-Dichloroethene	96	1.843	1.843	0.000	98	49240	20.0	21.2	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.874	1.886	-0.012	97	53215	20.0	22.1	
19 Acetone	43	1.880	1.898	-0.018	94	92637	100.0	98.3	
20 Iodomethane	142	1.941	1.947	-0.006	98	90013	20.0	21.4	
21 Carbon disulfide	76	1.977	2.020	-0.043	99	185979	20.0	17.6	M
22 Isopropyl alcohol	45	2.008	2.026	-0.018	30	31813	200.0	195.4	M
24 3-Chloro-1-propene	39	2.081	2.087	-0.006	92	68494	20.0	21.5	
23 Acetonitrile	40	2.087	2.093	-0.006	78	28620	200.0	200.4	
25 Methyl acetate	43	2.111	2.118	-0.007	98	104128	40.0	49.7	
27 Methylene Chloride	84	2.172	2.185	-0.013	91	63908	20.0	20.9	
* 28 TBA-d9 (IS)	65	2.258	2.258	0.000	0	362387	1000.0	1000.0	
26 2-Methyl-2-propanol	59	2.319	2.313	0.006	91	73442	200.0	185.0	a
29 Acrylonitrile	53	2.355	2.355	0.000	95	216457	200.0	199.7	
30 trans-1,2-Dichloroethene	96	2.367	2.367	0.000	95	54486	20.0	22.0	
31 Methyl tert-butyl ether	73	2.392	2.392	0.000	96	168684	20.0	21.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Hexane	57	2.587	2.587	0.000	91	67136	20.0	17.6	
33 1,1-Dichloroethane	63	2.684	2.691	-0.007	100	100560	20.0	22.0	
34 Vinyl acetate	86	2.752	2.752	0.000	100	17799	40.0	43.0	
35 2-Chloro-1,3-butadiene	88	2.764	2.764	0.000	91	45778	20.0	21.2	
36 Isopropyl ether	45	2.776	2.776	0.000	86	167474	20.0	21.0	
37 Tert-butyl ethyl ether	87	3.075	3.081	-0.006	89	70756	20.0	22.2	
* 38 2-Butanone-d5	46	3.148	3.154	-0.006	0	355211	250.0	250.0	a
39 cis-1,2-Dichloroethene	96	3.172	3.172	0.000	94	60835	20.0	22.2	
40 2,2-Dichloropropane	79	3.184	3.178	0.006	72	22894	20.0	20.9	a
41 2-Butanone (MEK)	72	3.203	3.209	-0.006	98	35287	100.0	95.2	
42 Propionitrile	54	3.258	3.258	0.000	96	90338	200.0	193.7	
43 Ethyl acetate	43	3.270	3.270	0.000	99	109963	40.0	35.4	
44 Methyl acrylate	55	3.288	3.294	-0.006	95	67981	20.0	22.6	a
45 Chlorobromomethane	128	3.373	3.379	-0.006	91	29556	20.0	24.3	
46 Methacrylonitrile	67	3.379	3.386	-0.007	91	241396	200.0	223.2	
47 Tetrahydrofuran	42	3.428	3.447	-0.019	77	45584	40.0	37.9	a
48 Chloroform	83	3.465	3.465	0.000	99	99041	20.0	22.7	
$ 49 Dibromofluoromethane (Surr)	113	3.605	3.611	-0.006	96	160170	50.0	59.2	
50 1,1,1-Trichloroethane	97	3.623	3.629	-0.006	99	76178	20.0	22.8	
51 Cyclohexane	84	3.678	3.678	0.000	91	74860	20.0	19.9	
52 1,1-Dichloropropene	75	3.776	3.776	0.000	95	69186	20.0	21.2	
53 Carbon tetrachloride	117	3.776	3.776	0.000	80	58653	20.0	23.2	
$ 54 1,2-Dichloroethane-d4 (Surr)	65	3.916	3.916	0.000	0	186420	50.0	57.8	
55 Benzene	78	3.965	3.971	-0.006	96	207359	20.0	18.1	
56 Isobutyl alcohol	42	3.977	3.989	-0.012	42	27678	500.0	375.0	
57 1,2-Dichloroethane	62	3.989	3.995	-0.006	97	74211	20.0	22.1	
58 Isooctane	57	4.074	4.081	-0.007	92	203979	20.0	19.9	
59 Isopropyl acetate	61	4.111	4.111	0.000	96	20393	20.0	21.6	
60 Tert-amyl methyl ether	73	4.123	4.129	-0.006	94	191218	20.0	21.0	
* 61 Fluorobenzene	96	4.257	4.263	-0.006	98	527803	50.0	50.0	
62 n-Heptane	43	4.288	4.288	0.000	91	67925	20.0	18.2	
63 Trichloroethene	95	4.641	4.648	-0.007	97	52985	20.0	21.5	
64 n-Butanol	43	4.678	4.678	0.000	93	17012	500.0	464.8	
65 Ethyl acrylate	55	4.836	4.843	-0.007	98	134001	20.0	20.3	
66 Methylcyclohexane	83	4.855	4.861	-0.006	94	89947	20.0	20.3	
67 1,2-Dichloropropane	63	4.885	4.885	0.000	93	54730	20.0	21.7	
68 Dibromomethane	93	5.013	5.013	0.000	95	35492	20.0	23.0	
* 69 1,4-Dioxane-d8	96	5.013	5.019	-0.006	0	23272	1000.0	1000.0	
70 1,4-Dioxane	88	5.062	5.080	-0.018	79	9896	400.0	387.7	
71 Methyl methacrylate	100	5.086	5.086	0.000	89	28442	40.0	47.6	
72 n-Propyl acetate	43	5.178	5.184	-0.006	99	68932	20.0	21.1	
73 Dichlorobromomethane	83	5.221	5.221	0.000	99	64133	20.0	22.9	
74 2-Nitropropane	41	5.507	5.507	0.000	100	19674	40.0	39.9	
75 2-Chloroethyl vinyl ether	63	5.629	5.629	0.000	94	32683	20.0	21.4	
76 Epichlorohydrin	57	5.672	5.678	-0.006	99	123383	400.0	401.0	
77 cis-1,3-Dichloropropene	75	5.769	5.769	0.000	93	80274	20.0	19.4	
78 4-Methyl-2-pentanone (MIBK)	43	6.007	6.013	-0.006	96	273721	100.0	94.2	
$ 79 Toluene-d8 (Surr)	98	6.092	6.092	0.000	99	602479	50.0	49.6	
80 Toluene	91	6.172	6.178	-0.006	93	209547	20.0	18.5	
81 trans-1,3-Dichloropropene	75	6.507	6.507	0.000	98	63447	20.0	18.9	
82 Ethyl methacrylate	69	6.702	6.702	0.000	89	63168	20.0	21.7	a
83 1,1,2-Trichloroethane	83	6.732	6.732	0.000	95	40083	20.0	19.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Tetrachloroethene	166	6.879	6.879	0.000	96	47354	20.0	19.1	
85 1,3-Dichloropropane	76	6.928	6.934	-0.006	94	78603	20.0	19.1	
86 2-Hexanone	43	7.098	7.098	0.000	95	184222	100.0	95.5	
87 Chlorodibromomethane	129	7.184	7.184	0.000	98	42281	20.0	20.9	
88 Ethylene Dibromide	107	7.275	7.281	-0.006	97	46640	20.0	20.7	
89 n-Butyl acetate	43	7.287	7.287	0.000	98	71441	20.0	17.0	
* 90 Chlorobenzene-d5	117	7.787	7.787	0.000	88	415407	50.0	50.0	
91 Chlorobenzene	112	7.812	7.812	0.000	94	135081	20.0	19.7	
92 1,1,1,2-Tetrachloroethane	131	7.909	7.909	0.000	93	46535	20.0	20.4	
93 Ethylbenzene	106	7.946	7.952	-0.006	99	69791	20.0	18.8	
94 m-Xylene & p-Xylene	106	8.068	8.068	0.000	0	87080	20.0	19.3	
95 o-Xylene	106	8.415	8.415	0.000	93	88851	20.0	19.2	
96 Styrene	104	8.433	8.433	0.000	94	149466	20.0	19.7	
97 n-Butyl acrylate	73	8.452	8.452	0.000	97	35900	20.0	18.4	
98 Bromoform	173	8.567	8.567	0.000	96	26684	20.0	23.5	
99 Amyl acetate (mixed isomers)	43	8.659	8.665	-0.006	91	78373	20.0	15.1	
100 Isopropylbenzene	105	8.744	8.750	-0.006	96	218070	20.0	19.5	
$ 101 4-Bromofluorobenzene	174	8.860	8.860	0.000	91	175501	50.0	49.2	
102 Bromobenzene	156	8.964	8.964	0.000	97	58121	20.0	18.5	
103 1,1,2,2-Tetrachloroethane	83	9.006	9.006	0.000	98	70556	20.0	18.1	
104 1,2,3-Trichloropropane	110	9.019	9.019	0.000	97	19595	20.0	18.5	
105 trans-1,4-Dichloro-2-butene	53	9.049	9.049	0.000	80	17832	20.0	17.7	
106 N-Propylbenzene	120	9.086	9.086	0.000	98	61036	20.0	18.2	
107 2-Chlorotoluene	126	9.128	9.134	-0.006	97	56382	20.0	18.7	
108 4-Ethyltoluene	105	9.177	9.177	0.000	99	231563	20.0	18.1	
109 4-Chlorotoluene	91	9.220	9.220	0.000	99	197841	20.0	18.0	
110 1,3,5-Trimethylbenzene	105	9.232	9.232	0.000	92	205312	20.0	18.5	
111 Butyl Methacrylate	87	9.342	9.342	0.000	92	58348	20.0	17.0	
112 tert-Butylbenzene	119	9.476	9.476	0.000	92	164170	20.0	18.3	
113 1,2,4-Trimethylbenzene	105	9.512	9.512	0.000	98	213707	20.0	18.2	
114 sec-Butylbenzene	105	9.640	9.647	-0.007	99	261902	20.0	18.2	
115 1,3-Dichlorobenzene	146	9.701	9.701	0.000	96	112418	20.0	18.5	
* 116 1,4-Dichlorobenzene-d4	152	9.756	9.756	0.000	97	234789	50.0	50.0	
117 4-Isopropyltoluene	119	9.756	9.756	0.000	98	221417	20.0	18.6	
118 1,4-Dichlorobenzene	146	9.768	9.768	0.000	95	112992	20.0	18.6	
119 1,2,3-Trimethylbenzene	105	9.823	9.823	0.000	99	229612	20.0	18.1	
120 Benzyl chloride	126	9.878	9.878	0.000	98	15525	20.0	14.6	
121 2,3-Dihydroindene	117	9.957	9.957	0.000	94	207537	20.0	23.2	
123 1,2-Dichlorobenzene	146	10.037	10.037	0.000	92	113045	20.0	18.8	
122 p-Diethylbenzene	119	10.037	10.037	0.000	93	136757	20.0	19.1	
124 n-Butylbenzene	92	10.055	10.055	0.000	98	122591	20.0	18.4	
125 1,2,4,5-Tetramethylbenzene	119	10.579	10.579	0.000	97	218279	20.0	18.1	
126 1,2-Dibromo-3-Chloropropane	157	10.591	10.591	0.000	94	13882	20.0	19.8	
127 1,3,5-Trichlorobenzene	180	10.738	10.738	0.000	97	92898	20.0	18.5	
128 1,2,4-Trichlorobenzene	180	11.152	11.152	0.000	94	90670	20.0	18.2	
129 Hexachlorobutadiene	225	11.280	11.280	0.000	95	42987	20.0	19.9	
130 Naphthalene	128	11.317	11.317	0.000	99	245089	20.0	17.5	
131 1,2,3-Trichlorobenzene	180	11.488	11.488	0.000	95	91409	20.0	18.5	
S 132 1,2-Dichloroethene, Total	100				0		40.0	44.2	
S 133 1,3-Dichloropropene, Total	100				0		40.0	38.3	
S 134 Xylenes, Total	100				0		40.0	38.5	
S 135 Total BTEX	1				0		100.0	93.9	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8260MIX1COMB_00192	Amount Added:	2.00	Units: uL	
GASES Li_00600	Amount Added:	2.00	Units: uL	
524FREONS_00023	Amount Added:	2.00	Units: uL	
ACROLEIN W_00173	Amount Added:	3.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00249	Amount Added:	1.00	Units: uL	Run Reagent

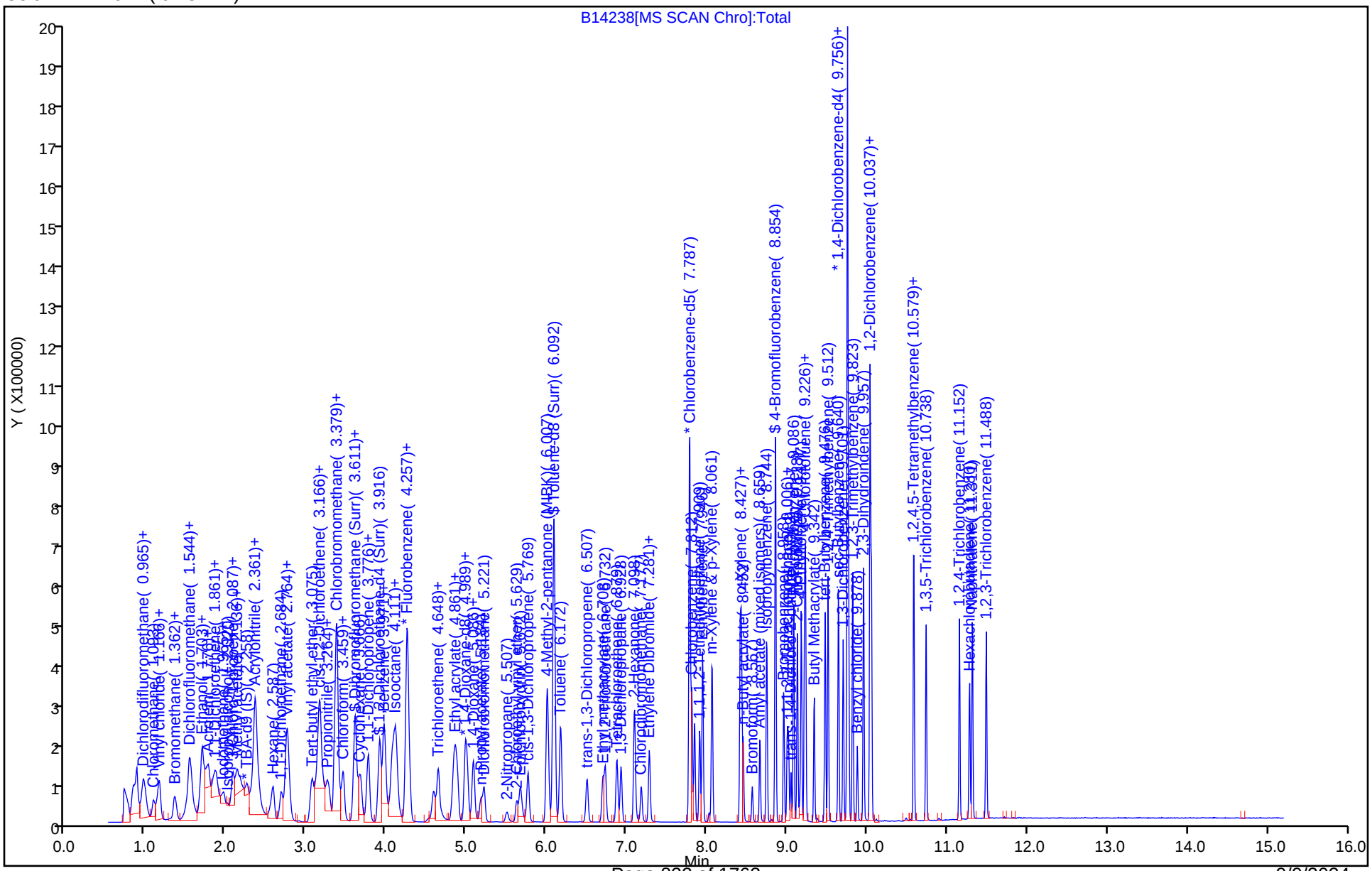
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Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20240828-180187.b\B14238.D

Injection Date:	28-Aug-2024 21:27:30	Instrument ID:	CVOAMS2	Operator ID:	
Lims ID:	LCSD			Worklist Smp#:	4
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8260S_2	Limit Group:	VOA - 8260D Water and Solid		

Column: DB-624 (0.18 mm)



9/9/2024
1:05:41 PM

Eurofins Edison

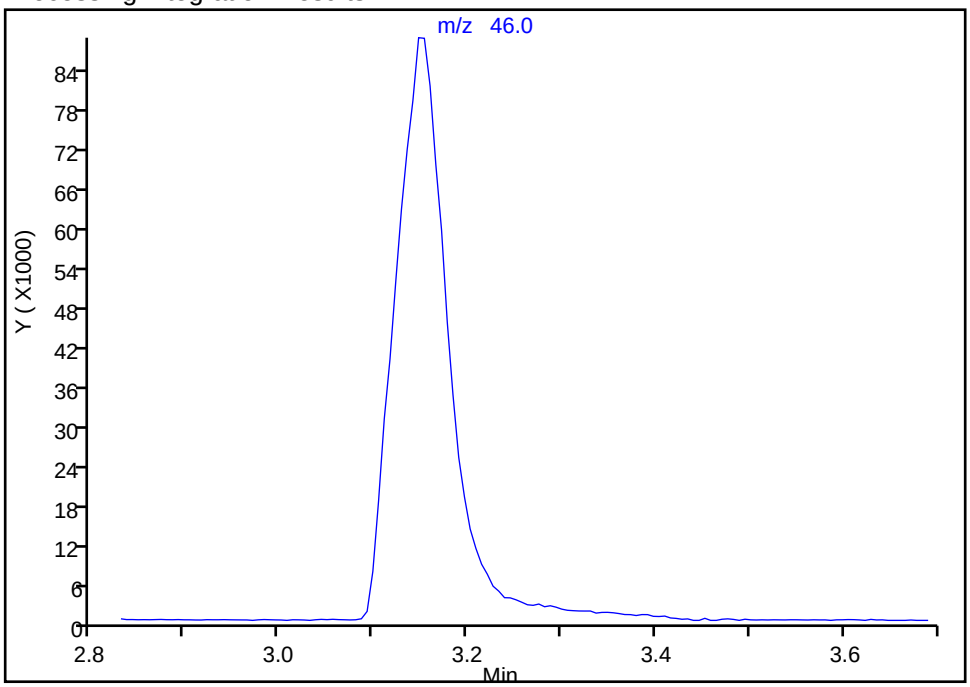
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Injection Date: 28-Aug-2024 21:27:30 Instrument ID: CVOAMS2
Lims ID: LCSD
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 (0.18 mm) Detector MS SCAN

* 38 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

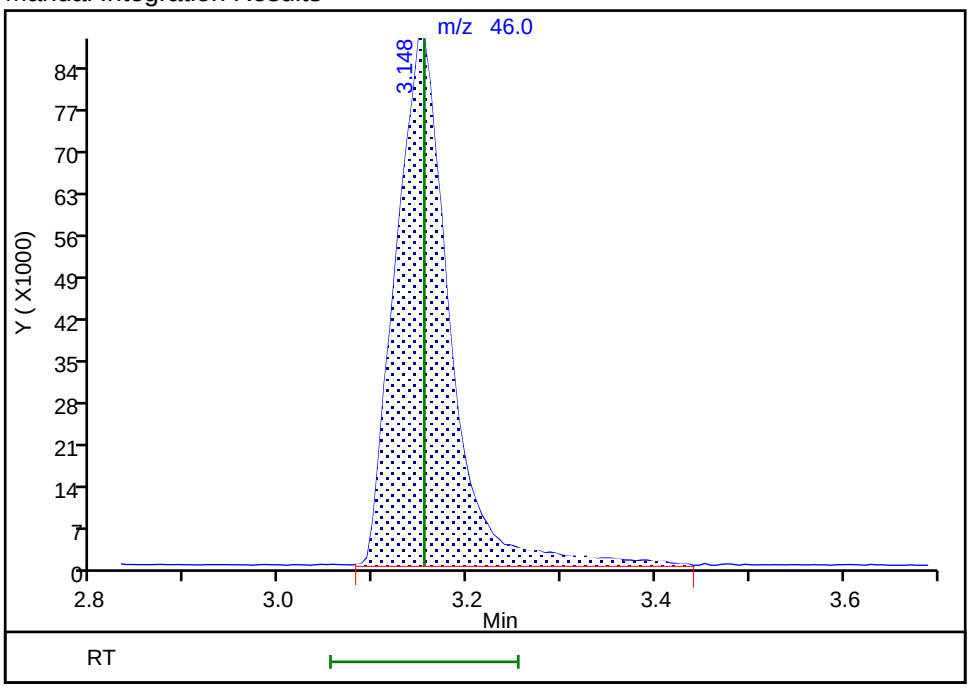
Not Detected
Expected RT: 3.15

Processing Integration Results



Manual Integration Results

RT: 3.15
Area: 355211
Amount: 250.0000
Amount Units: ug/l



Reviewer: C1JX, 28-Aug-2024 21:52:22 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Instrument ID: CVOAMS17 Start Date: 08/20/2024 16:03

Analysis Batch Number: 991479 End Date: 08/20/2024 22:04

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-991479/1		08/20/2024 16:03	1	TT84224.D	DB-624 0.18(mm)
STD8 460-991479/3 IC		08/20/2024 18:09	1	TT84226.D	DB-624 0.18(mm)
STD1 460-991479/5 IC		08/20/2024 18:48	1	TT84228.D	DB-624 0.18(mm)
STD5 460-991479/6 IC		08/20/2024 19:07	1	TT84229.D	DB-624 0.18(mm)
STD20 460-991479/7 ICIS		08/20/2024 19:27	1	TT84230.D	DB-624 0.18(mm)
STD50 460-991479/8 IC		08/20/2024 19:47	1	TT84231.D	DB-624 0.18(mm)
STD200 460-991479/9 IC		08/20/2024 20:06	1	TT84232.D	DB-624 0.18(mm)
STD500 460-991479/10 IC		08/20/2024 20:26	1	TT84233.D	DB-624 0.18(mm)
ICV 460-991479/15		08/20/2024 22:04	1	TT84238.D	DB-624 0.18(mm)
ZZZZZ		08/20/2024 22:04	1		DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Instrument ID: CVOAMS17 Start Date: 08/21/2024 06:56

Analysis Batch Number: 991594 End Date: 08/21/2024 15:46

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-991594/3		08/21/2024 06:56	1	TT84241.D	DB-624 0.18(mm)
LCS 460-991594/4		08/21/2024 07:15	1	TT84242.D	DB-624 0.18(mm)
LCSD 460-991594/5		08/21/2024 07:35	1	TT84243.D	DB-624 0.18(mm)
MB 460-991594/9		08/21/2024 08:53	1	TT84247.D	DB-624 0.18(mm)
ZZZZZ		08/21/2024 09:33	1		DB-624 0.18(mm)
ZZZZZ		08/21/2024 09:53	1		DB-624 0.18(mm)
ZZZZZ		08/21/2024 10:12	1		DB-624 0.18(mm)
ZZZZZ		08/21/2024 10:32	1		DB-624 0.18(mm)
ZZZZZ		08/21/2024 10:52	1		DB-624 0.18(mm)
460-309671-4	FB-1-081524	08/21/2024 11:11	1	TT84254.D	DB-624 0.18(mm)
ZZZZZ		08/21/2024 11:31	1		DB-624 0.18(mm)
ZZZZZ		08/21/2024 11:51	1		DB-624 0.18(mm)
ZZZZZ		08/21/2024 12:10	1		DB-624 0.18(mm)
ZZZZZ		08/21/2024 12:30	1		DB-624 0.18(mm)
ZZZZZ		08/21/2024 12:49	1		DB-624 0.18(mm)
ZZZZZ		08/21/2024 13:09	1		DB-624 0.18(mm)
ZZZZZ		08/21/2024 13:29	1		DB-624 0.18(mm)
ZZZZZ		08/21/2024 13:48	1		DB-624 0.18(mm)
ZZZZZ		08/21/2024 14:08	1		DB-624 0.18(mm)
ZZZZZ		08/21/2024 14:28	1		DB-624 0.18(mm)
ZZZZZ		08/21/2024 14:47	1		DB-624 0.18(mm)
ZZZZZ		08/21/2024 15:07	1		DB-624 0.18(mm)
ZZZZZ		08/21/2024 15:26	1		DB-624 0.18(mm)
ZZZZZ		08/21/2024 15:46	1		DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Instrument ID: CVOAMS2 Start Date: 08/23/2024 13:46

Analysis Batch Number: 992189 End Date: 08/23/2024 18:55

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-992189/1		08/23/2024 13:46	1	B14056.D	DB-624 0.18(mm)
STD1 460-992189/3 IC		08/23/2024 14:48	1	B14058.D	DB-624 0.18(mm)
STD5 460-992189/4 IC		08/23/2024 15:13	1	B14059.D	DB-624 0.18(mm)
STD20 460-992189/5 ICIS		08/23/2024 15:38	1	B14060.D	DB-624 0.18(mm)
STD50 460-992189/6 IC		08/23/2024 16:02	1	B14061.D	DB-624 0.18(mm)
STD200 460-992189/7 IC		08/23/2024 16:27	1	B14062.D	DB-624 0.18(mm)
STD500 460-992189/8 IC		08/23/2024 16:52	1	B14063.D	DB-624 0.18(mm)
ICV 460-992189/13		08/23/2024 18:55	1	B14068.D	DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Instrument ID: CVOAMS2 Start Date: 08/28/2024 20:12

Analysis Batch Number: 993062 End Date: 08/29/2024 06:18

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-993062/1		08/28/2024 20:12	1	B14235.D	DB-624 0.18(mm)
LCS 460-993062/3		08/28/2024 21:02	1	B14237.D	DB-624 0.18(mm)
LCSD 460-993062/4		08/28/2024 21:27	1	B14238.D	DB-624 0.18(mm)
MB 460-993062/26		08/28/2024 23:06	1	B14242.D	DB-624 0.18(mm)
460-309671-3	20240815_UCS_INT-3-7.5-8	08/28/2024 23:44	1	B14243.D	DB-624 0.18(mm)
ZZZZZ		08/29/2024 00:08	1		DB-624 0.18(mm)
ZZZZZ		08/29/2024 00:33	1		DB-624 0.18(mm)
ZZZZZ		08/29/2024 00:58	1		DB-624 0.18(mm)
ZZZZZ		08/29/2024 01:23	1		DB-624 0.18(mm)
ZZZZZ		08/29/2024 01:47	1		DB-624 0.18(mm)
ZZZZZ		08/29/2024 02:12	1		DB-624 0.18(mm)
ZZZZZ		08/29/2024 02:37	1		DB-624 0.18(mm)
ZZZZZ		08/29/2024 03:01	1		DB-624 0.18(mm)
ZZZZZ		08/29/2024 03:26	1		DB-624 0.18(mm)
ZZZZZ		08/29/2024 03:51	1		DB-624 0.18(mm)
ZZZZZ		08/29/2024 04:15	1		DB-624 0.18(mm)
ZZZZZ		08/29/2024 04:40	1		DB-624 0.18(mm)
ZZZZZ		08/29/2024 05:05	1		DB-624 0.18(mm)
ZZZZZ		08/29/2024 05:30	1		DB-624 0.18(mm)
ZZZZZ		08/29/2024 05:54	1		DB-624 0.18(mm)
ZZZZZ		08/29/2024 06:18	1		DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Instrument ID: CVOAMS4 Start Date: 08/19/2024 22:32

Analysis Batch Number: 991329 End Date: 08/20/2024 14:04

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-991329/1		08/19/2024 22:32	1	D18717.D	Rtx-624 0.25(mm)
STD20 460-991329/3 ICIS		08/19/2024 23:44	1	D18719.D	Rtx-624 0.25(mm)
STD1 460-991329/6 IC		08/20/2024 01:27	1	D18722.D	Rtx-624 0.25(mm)
STD5 460-991329/7 IC		08/20/2024 01:51	1	D18723.D	Rtx-624 0.25(mm)
STD50 460-991329/8 IC		08/20/2024 02:14	1	D18724.D	Rtx-624 0.25(mm)
STD200 460-991329/9 IC		08/20/2024 02:38	1	D18725.D	Rtx-624 0.25(mm)
STD500 460-991329/10 IC		08/20/2024 03:01	1	D18726.D	Rtx-624 0.25(mm)
ICV 460-991329/14		08/20/2024 04:36	1	D18730.D	Rtx-624 0.25(mm)
ZZZZZ		08/20/2024 05:00	1		Rtx-624 0.25(mm)
ZZZZZ		08/20/2024 05:23	1		Rtx-624 0.25(mm)
ZZZZZ		08/20/2024 06:10	1		Rtx-624 0.25(mm)
ZZZZZ		08/20/2024 06:34	1		Rtx-624 0.25(mm)
ZZZZZ		08/20/2024 06:57	1		Rtx-624 0.25(mm)
ZZZZZ		08/20/2024 07:21	1		Rtx-624 0.25(mm)
ZZZZZ		08/20/2024 07:45	1		Rtx-624 0.25(mm)
ZZZZZ		08/20/2024 08:08	1		Rtx-624 0.25(mm)
ZZZZZ		08/20/2024 08:31	1		Rtx-624 0.25(mm)
ZZZZZ		08/20/2024 08:55	1		Rtx-624 0.25(mm)
ZZZZZ		08/20/2024 09:18	1		Rtx-624 0.25(mm)
ZZZZZ		08/20/2024 09:42	1		Rtx-624 0.25(mm)
ZZZZZ		08/20/2024 10:05	1		Rtx-624 0.25(mm)
ZZZZZ		08/20/2024 10:56	1		Rtx-624 0.25(mm)
ZZZZZ		08/20/2024 11:20	1		Rtx-624 0.25(mm)
ZZZZZ		08/20/2024 11:43	1		Rtx-624 0.25(mm)
ZZZZZ		08/20/2024 12:06	1		Rtx-624 0.25(mm)
ZZZZZ		08/20/2024 12:30	1		Rtx-624 0.25(mm)
ZZZZZ		08/20/2024 12:53	1		Rtx-624 0.25(mm)
ZZZZZ		08/20/2024 13:17	1		Rtx-624 0.25(mm)
ZZZZZ		08/20/2024 13:40	1		Rtx-624 0.25(mm)
ZZZZZ		08/20/2024 14:04	1		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Instrument ID: CVOAMS4 Start Date: 08/23/2024 19:53

Analysis Batch Number: 992235 End Date: 08/24/2024 06:09

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-992235/1		08/23/2024 19:53	1	D18944.D	Rtx-624 0.25(mm)
LCS 460-992235/2		08/23/2024 20:16	1	D18945.D	Rtx-624 0.25(mm)
LCSD 460-992235/3		08/23/2024 20:40	1	D18946.D	Rtx-624 0.25(mm)
MB 460-992235/6		08/23/2024 21:51	1	D18949.D	Rtx-624 0.25(mm)
ZZZZZ		08/23/2024 22:41	1		Rtx-624 0.25(mm)
ZZZZZ		08/23/2024 23:05	1		Rtx-624 0.25(mm)
ZZZZZ		08/23/2024 23:29	1		Rtx-624 0.25(mm)
ZZZZZ		08/23/2024 23:52	1		Rtx-624 0.25(mm)
ZZZZZ		08/24/2024 00:16	1		Rtx-624 0.25(mm)
ZZZZZ		08/24/2024 00:40	1		Rtx-624 0.25(mm)
ZZZZZ		08/24/2024 01:03	1		Rtx-624 0.25(mm)
ZZZZZ		08/24/2024 01:27	1		Rtx-624 0.25(mm)
ZZZZZ		08/24/2024 01:50	1		Rtx-624 0.25(mm)
ZZZZZ		08/24/2024 02:38	1		Rtx-624 0.25(mm)
ZZZZZ		08/24/2024 03:01	1		Rtx-624 0.25(mm)
ZZZZZ		08/24/2024 03:48	1		Rtx-624 0.25(mm)
ZZZZZ		08/24/2024 04:12	1		Rtx-624 0.25(mm)
460-309671-1	20240815_UCS_INT-1-7.5-8	08/24/2024 04:35	1	D18966.D	Rtx-624 0.25(mm)
460-309671-2	20240815_UCS_INT-2-6.5-7	08/24/2024 04:59	1	D18967.D	Rtx-624 0.25(mm)
ZZZZZ		08/24/2024 05:22	1		Rtx-624 0.25(mm)
ZZZZZ		08/24/2024 05:46	1		Rtx-624 0.25(mm)
ZZZZZ		08/24/2024 06:09	1		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Instrument ID: CVOAMS9 Start Date: 07/26/2024 23:38

Analysis Batch Number: 987459 End Date: 07/27/2024 05:49

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-987459/1		07/26/2024 23:38	1	K62750.D	Rtx-624 0.25(mm)
STD1 460-987459/3 IC		07/27/2024 00:31	1	K62752.D	Rtx-624 0.25(mm)
STD5 460-987459/4 IC		07/27/2024 00:55	1	K62753.D	Rtx-624 0.25(mm)
STD20 460-987459/5 ICIS		07/27/2024 01:20	1	K62754.D	Rtx-624 0.25(mm)
STD50 460-987459/6 IC		07/27/2024 01:44	1	K62755.D	Rtx-624 0.25(mm)
STD200 460-987459/7 IC		07/27/2024 02:08	1	K62756.D	Rtx-624 0.25(mm)
STD500 460-987459/8 IC		07/27/2024 02:33	1	K62757.D	Rtx-624 0.25(mm)
ICV 460-987459/14		07/27/2024 05:49	1	K62763.D	Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Instrument ID: CVOAMS9 Start Date: 08/20/2024 08:52

Analysis Batch Number: 991380 End Date: 08/20/2024 17:52

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-991380/2		08/20/2024 08:52	1	K63717.D	Rtx-624 0.25(mm)
LCS 460-991380/3		08/20/2024 09:19	1	K63718.D	Rtx-624 0.25(mm)
LCSD 460-991380/4		08/20/2024 09:44	1	K63719.D	Rtx-624 0.25(mm)
MB 460-991380/10		08/20/2024 12:25	1	K63725.D	Rtx-624 0.25(mm)
ZZZZZ		08/20/2024 12:49	1		Rtx-624 0.25(mm)
LB3 460-990937/2-A		08/20/2024 13:14	1	K63727.D	Rtx-624 0.25(mm)
ZZZZZ		08/20/2024 13:39	1		Rtx-624 0.25(mm)
ZZZZZ		08/20/2024 14:03	1		Rtx-624 0.25(mm)
ZZZZZ		08/20/2024 14:28	1		Rtx-624 0.25(mm)
ZZZZZ		08/20/2024 15:16	1		Rtx-624 0.25(mm)
ZZZZZ		08/20/2024 15:49	1		Rtx-624 0.25(mm)
ZZZZZ		08/20/2024 16:14	1		Rtx-624 0.25(mm)
ZZZZZ		08/20/2024 16:38	1		Rtx-624 0.25(mm)
ZZZZZ		08/20/2024 17:03	1		Rtx-624 0.25(mm)
ZZZZZ		08/20/2024 17:28	1		Rtx-624 0.25(mm)
ZZZZZ		08/20/2024 17:52	1		Rtx-624 0.25(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Batch Number: 987459 Batch Start Date: 07/26/24 23:38 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	524FREONS 00021	7 Freons Hi 00016	7 Freons SS 00016	8260 SP 00182
BFB 460-987459/1		8260D			5 mL	5 mL				
STD1 460-987459/3 IC		8260D			5 mL	5 mL	1 uL			
STD5 460-987459/4 IC		8260D			5 mL	5 mL	5 uL			
STD20 460-987459/5 ICIS		8260D			5 mL	5 mL	2 uL			
STD50 460-987459/6 IC		8260D			5 mL	5 mL	5 uL			
STD200 460-987459/7 IC		8260D			5 mL	5 mL		2 uL		
STD500 460-987459/8 IC		8260D			5 mL	5 mL		5 uL		
ICV 460-987459/14		8260D			5 mL	5 mL			2 uL	2 uL

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	8260ISNEW 00175	8260MIX1COMB 00190	8260SURR250 00248	ACROLEIN SP 00167	ACROLEIN W 00172	BFB 00036
BFB 460-987459/1		8260D								1 uL
STD1 460-987459/3 IC		8260D			1 uL	1 uL	1 uL		10 uL	
STD5 460-987459/4 IC		8260D			1 uL	5 uL	1 uL		20 uL	
STD20 460-987459/5 ICIS		8260D			1 uL	2 uL	1 uL		3 uL	
STD50 460-987459/6 IC		8260D			1 uL	5 uL	1 uL		4 uL	
STD200 460-987459/7 IC		8260D			1 uL		1 uL		5 uL	
STD500 460-987459/8 IC		8260D			1 uL		1 uL		6 uL	
ICV 460-987459/14		8260D			1 uL		1 uL	3 uL		

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	Ethanol mix 00091	GAS C SP 00578	GAS Hi 00475	GASES Li 00594	MIX 2 Hi 00151	MIX I Hi 00178

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Batch Number: 987459 Batch Start Date: 07/26/24 23:38 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	Ethanol mix 00091	GAS C SP 00578	GAS Hi 00475	GASES Li 00594	MIX 2 Hi 00151	MIX I Hi 00178
BFB 460-987459/1		8260D								
STD1 460-987459/3 IC		8260D						1 uL		
STD5 460-987459/4 IC		8260D						5 uL		
STD20 460-987459/5 ICIS		8260D						2 uL		
STD50 460-987459/6 IC		8260D						5 uL		
STD200 460-987459/7 IC		8260D			2 uL		2 uL		2 uL	2 uL
STD500 460-987459/8 IC		8260D			5 uL		5 uL		5 uL	5 uL
ICV 460-987459/14		8260D				2 uL				

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Batch Number: 990937 Batch Start Date: 08/16/24 17:10 Batch Analyst: Pflug, Eric R

Batch Method: 5035 Batch End Date: 08/16/24 17:18

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount				
LB3 460-990937/2		5035, 8260D			5 g	5 mL				
460-309671-B-1	20240815_UCS_INT-1-7.5-8	5035, 8260D	Solid	T	5.27 g	5 mL				
460-309671-B-2	20240815_UCS_INT-2-6.5-7	5035, 8260D	Solid	T	4.21 g	5 mL				
460-309671-B-3	20240815_UCS_INT-3-7.5-8	5035, 8260D	Solid	T	4.35 g	5 mL				

Batch Notes	
Balance ID	38
Balance is Level? (Y/N)	yes
Pipette/Syringe/Dispenser ID	7
Vial Lot Number	428982

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Batch Number: 991329 Batch Start Date: 08/19/24 22:32 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	524FREONS 00022	7 Freons Hi 00017	7 Freons SS 00017	8260 SP 00183
BFB 460-991329/1		8260D			5 mL	5 mL				
STD20 460-991329/3 ICIS		8260D			5 mL	5 mL	2 uL			
STD1 460-991329/6 IC		8260D			5 mL	5 mL	1 uL			
STD5 460-991329/7 IC		8260D			5 mL	5 mL	5 uL			
STD50 460-991329/8 IC		8260D			5 mL	5 mL	5 uL			
STD200 460-991329/9 IC		8260D			5 mL	5 mL		2 uL		
STD500 460-991329/10 IC		8260D			5 mL	5 mL		5 uL		
ICV 460-991329/14		8260D			5 mL	5 mL			2 uL	2 uL

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	8260ISNEW 00171	8260MIX1COMB 00192	8260SURR250 00249	ACROLEIN SP 00168	ACROLEIN W 00172	BFB 00036
BFB 460-991329/1		8260D								1 uL
STD20 460-991329/3 ICIS		8260D			1 uL	2 uL	1 uL		3 uL	
STD1 460-991329/6 IC		8260D			1 uL	1 uL	1 uL		10 uL	
STD5 460-991329/7 IC		8260D			1 uL	5 uL	1 uL		20 uL	
STD50 460-991329/8 IC		8260D			1 uL	5 uL	1 uL		4 uL	
STD200 460-991329/9 IC		8260D			1 uL		1 uL		5 uL	
STD500 460-991329/10 IC		8260D			1 uL		1 uL		6 uL	
ICV 460-991329/14		8260D			1 uL		1 uL	3 uL		

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Batch Number: 991329 Batch Start Date: 08/19/24 22:32 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	Ethanol mix 00092	GAS C SP 00581	GAS Hi 00476	GASES Li 00598	MIX 2 Hi 00152	MIX I Hi 00179
BFB 460-991329/1		8260D								
STD20 460-991329/3 ICIS		8260D						2 uL		
STD1 460-991329/6 IC		8260D						1 uL		
STD5 460-991329/7 IC		8260D						5 uL		
STD50 460-991329/8 IC		8260D						5 uL		
STD200 460-991329/9 IC		8260D			2 uL		2 uL		2 uL	2 uL
STD500 460-991329/10 IC		8260D			5 uL		5 uL		5 uL	5 uL
ICV 460-991329/14		8260D				2 uL				

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Batch Number: 991380 Batch Start Date: 08/20/24 08:52 Batch Analyst: Starzec, Margaret

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	524FREONS 00022	8260ISNEW 00175	8260MIX1COMB 00192	8260SURR250 00249
CCVIS 460-991380/2		8260D			5 mL	5 mL	2 uL	1 uL	2 uL	1 uL
LCS 460-991380/3		8260D			5 mL	5 mL	2 uL	1 uL	2 uL	1 uL
LCSD 460-991380/4		8260D			5 mL	5 mL	2 uL	1 uL	2 uL	1 uL
MB 460-991380/10		8260D			5 mL	5 mL		1 uL		1 uL
LB3 460-990937/2-A		8260D			5 mL	5 mL		1 uL		1 uL

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	ACROLEIN W 00172	GASES Li 00598				
CCVIS 460-991380/2		8260D			3 uL	2 uL				
LCS 460-991380/3		8260D			3 uL	2 uL				
LCSD 460-991380/4		8260D			3 uL	2 uL				
MB 460-991380/10		8260D								
LB3 460-990937/2-A		8260D								

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Batch Number: 991479 Batch Start Date: 08/20/24 16:03 Batch Analyst: Klusey, Sylvanus

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	14DIOXINTER 00172	524FREONS 00023	7 Freons Hi 00017	7 Freons SS 00017
BFB 460-991479/1		8260D			5 mL	5 mL				
STD8 460-991479/3 IC		8260D			5 mL	5 mL				
STD1 460-991479/5 IC		8260D			5 mL	5 mL	30 uL	10 uL		
STD5 460-991479/6 IC		8260D			5 mL	5 mL		10 uL		
STD20 460-991479/7 ICIS		8260D			5 mL	5 mL		20 uL		
STD50 460-991479/8 IC		8260D			5 mL	5 mL		50 uL		
STD200 460-991479/9 IC		8260D			5 mL	5 mL			20 uL	
STD500 460-991479/10 IC		8260D			5 mL	5 mL			50 uL	
ICV 460-991479/15		8260D			5 mL	5 mL				20 uL

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	8260 SP 00183	8260MIX1COMB 00192	ACROLEIN SP 00168	ACROLEIN W 00172	ACRY/EPIH MIX 00128	BFB 00036
BFB 460-991479/1		8260D								1 uL
STD8 460-991479/3 IC		8260D							20 uL	
STD1 460-991479/5 IC		8260D				10 uL		4 uL		
STD5 460-991479/6 IC		8260D				10 uL		4 uL		
STD20 460-991479/7 ICIS		8260D				20 uL		4 uL		
STD50 460-991479/8 IC		8260D				50 uL		10 uL		
STD200 460-991479/9 IC		8260D						20 uL		
STD500 460-991479/10 IC		8260D						40 uL		

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Batch Number: 991479 Batch Start Date: 08/20/24 16:03 Batch Analyst: Klusey, Sylvanus

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	8260 SP 00183	8260MIX1COMB 00192	ACROLEIN SP 00168	ACROLEIN W 00172	ACRY/EPIH MIX 00128	BFB 00036
ICV 460-991479/15		8260D			20 uL		4 uL			

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	Ethanol mix 00092	GAS C SP 00581	GAS Hi 00476	GASES Li 00598	MIX 2 Hi 00152	MIX I Hi 00179
BFB 460-991479/1		8260D								
STD8 460-991479/3 IC		8260D						2.5 uL		
STD1 460-991479/5 IC		8260D						10 uL		
STD5 460-991479/6 IC		8260D						10 uL		
STD20 460-991479/7 ICIS		8260D						20 uL		
STD50 460-991479/8 IC		8260D						50 uL		
STD200 460-991479/9 IC		8260D			20 uL		20 uL		20 uL	20 uL
STD500 460-991479/10 IC		8260D			50 uL		50 uL		50 uL	50 uL
ICV 460-991479/15		8260D				20 uL				

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	VOA6IS/SURR 00075					
BFB 460-991479/1		8260D								
STD8 460-991479/3 IC		8260D			5 uL					
STD1 460-991479/5 IC		8260D			5 uL					
STD5 460-991479/6 IC		8260D			5 uL					
STD20 460-991479/7 ICIS		8260D			5 uL					
STD50 460-991479/8 IC		8260D			5 uL					

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Batch Number: 991479 Batch Start Date: 08/20/24 16:03 Batch Analyst: Klusey, Sylvanus

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	VOA6IS/SURR 00075					
STD200 460-991479/9 IC		8260D			5 uL					
STD500 460-991479/10 IC		8260D			5 uL					
ICV 460-991479/15		8260D			5 uL					

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Batch Number: 991594 Batch Start Date: 08/21/24 06:56 Batch Analyst: Desai, Saurab

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	Initial pH	524FREONS 00023	8260MIX1COMB 00192	ACROLEIN W 00172
CCVIS 460-991594/3		8260D			5 mL	5 mL		20 uL	20 uL	4 uL
LCS 460-991594/4		8260D			5 mL	5 mL		20 uL	20 uL	4 uL
LCSD 460-991594/5		8260D			5 mL	5 mL		20 uL	20 uL	4 uL
MB 460-991594/9		8260D			5 mL	5 mL				
460-309671-A-4	FB-1-081524	8260D	Water	T	5 mL	5 mL	<2 PH Units			

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	GASES Li 00599	VOA6IS/SURR 00075				
CCVIS 460-991594/3		8260D			20 uL	5 uL				
LCS 460-991594/4		8260D			20 uL	5 uL				
LCSD 460-991594/5		8260D			20 uL	5 uL				
MB 460-991594/9		8260D				5 uL				
460-309671-A-4	FB-1-081524	8260D	Water	T		5 uL				

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Batch Number: 992189 Batch Start Date: 08/23/24 13:46 Batch Analyst: Klusey, Sylvanus

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	524FREONS 00022	7 Freons Hi 00017	7 Freons SS 00017	8260 SP 00183
BFB 460-992189/1		8260D			5 mL	5 mL				
STD1 460-992189/3 IC		8260D			5 mL	5 mL	1 uL			
STD5 460-992189/4 IC		8260D			5 mL	5 mL	5 uL			
STD20 460-992189/5 ICIS		8260D			5 mL	5 mL	2 uL			
STD50 460-992189/6 IC		8260D			5 mL	5 mL		5 uL		
STD200 460-992189/7 IC		8260D			5 mL	5 mL		2 uL		
STD500 460-992189/8 IC		8260D			5 mL	5 mL		5 uL		
ICV 460-992189/13		8260D			5 mL	5 mL			2 uL	2 uL

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	8260ISNEW 00171	8260MIX1COMB 00192	8260SURR250 00249	ACROLEIN SP 00168	ACROLEIN W 00172	BFB 00036
BFB 460-992189/1		8260D								1 uL
STD1 460-992189/3 IC		8260D			1 uL	1 uL	1 uL		10 uL	
STD5 460-992189/4 IC		8260D			1 uL	5 uL	1 uL		20 uL	
STD20 460-992189/5 ICIS		8260D			1 uL	2 uL	1 uL		3 uL	
STD50 460-992189/6 IC		8260D			1 uL		1 uL		40 uL	
STD200 460-992189/7 IC		8260D			1 uL		1 uL		5 uL	
STD500 460-992189/8 IC		8260D			1 uL		1 uL		6 uL	
ICV 460-992189/13		8260D			1 uL		1 uL	3 uL		

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	Ethanol mix 00092	GAS C SP 00582	GAS Hi 00477	GASES Li 00599	MIX 2 Hi 00152	MIX I Hi 00179

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Batch Number: 992189 Batch Start Date: 08/23/24 13:46 Batch Analyst: Klusey, Sylvanus

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	Ethanol mix 00092	GAS C SP 00582	GAS Hi 00477	GASES Li 00599	MIX 2 Hi 00152	MIX I Hi 00179
BFB 460-992189/1		8260D								
STD1 460-992189/3 IC		8260D						1 uL		
STD5 460-992189/4 IC		8260D						5 uL		
STD20 460-992189/5 ICIS		8260D						2 uL		
STD50 460-992189/6 IC		8260D			5 uL		5 uL		5 uL	5 uL
STD200 460-992189/7 IC		8260D			2 uL		2 uL		2 uL	2 uL
STD500 460-992189/8 IC		8260D			5 uL		5 uL		5 uL	5 uL
ICV 460-992189/13		8260D				2 uL				

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Batch Number: 992235 Batch Start Date: 08/23/24 19:53 Batch Analyst: Tupayachi, Audberto

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	524FREONS 00022	8260ISNEW 00171	8260MIX1COMB 00192	8260SURR250 00249
CCVIS 460-992235/1		8260D			5 mL	5 mL	2 uL	1 uL	2 uL	1 uL
LCS 460-992235/2		8260D			5 mL	5 mL	2 uL	1 uL	2 uL	1 uL
LCSD 460-992235/3		8260D			5 mL	5 mL	2 uL	1 uL	2 uL	1 uL
MB 460-992235/6		8260D			5 mL	5 mL		1 uL		1 uL
460-309671-B-1-A	20240815_UCS_INT-1-7.5-8	8260D	Solid	T	5 mL	5 mL		1 uL		1 uL
460-309671-B-2-A	20240815_UCS_INT-2-6.5-7	8260D	Solid	T	5 mL	5 mL		1 uL		1 uL

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	ACROLEIN W 00172	GASES Li 00599				
CCVIS 460-992235/1		8260D			3 uL	2 uL				
LCS 460-992235/2		8260D			3 uL	2 uL				
LCSD 460-992235/3		8260D			3 uL	2 uL				
MB 460-992235/6		8260D								
460-309671-B-1-A	20240815_UCS_INT-1-7.5-8	8260D	Solid	T						
460-309671-B-2-A	20240815_UCS_INT-2-6.5-7	8260D	Solid	T						

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Batch Number: 993062 Batch Start Date: 08/28/24 20:12 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	524FREONS 00023	8260ISNEW 00171	8260MIX1COMB 00192	8260SURR250 00249
CCVIS 460-993062/1		8260D			5 mL	5 mL	2 uL	1 uL	2 uL	1 uL
LCS 460-993062/3		8260D			5 mL	5 mL	2 uL	1 uL	2 uL	1 uL
LCSD 460-993062/4		8260D			5 mL	5 mL	2 uL	1 uL	2 uL	1 uL
460-309671-B-3-A	20240815_UCS_INT-3-7.5-8	8260D	Solid	T	5 mL	5 mL		1 uL		1 uL
MB 460-993062/26		8260D			5 mL	5 mL		1 uL		1 uL

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	ACROLEIN W 00173	GASES Li 00600				
CCVIS 460-993062/1		8260D			3 uL	2 uL				
LCS 460-993062/3		8260D			3 uL	2 uL				
LCSD 460-993062/4		8260D			3 uL	2 uL				
460-309671-B-3-A	20240815_UCS_INT-3-7.5-8	8260D	Solid	T						
MB 460-993062/26		8260D								

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8270E

Semivolatile Organic Compounds (GC/MS)

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): Rtxi-5Sil M ID: 0.25(mm)

Client Sample ID	Lab Sample ID	NBZ #	FBP #	TPHL #
20240815_UCS_INT-1 -7.5-8	460-309671-1	91	96	93
20240815_UCS_INT-2 -6.5-7	460-309671-2	88	94	93
20240815_UCS_INT-3 -7.5-8	460-309671-3	45	47	51
	MB 460-991761/1-A	92	93	102
	MB 460-993561/1-A	105	98	101
	LCS 460-991761/2-A	94	98	102
	LCS 460-993561/2-A	101	95	95
	LCSD 460-991761/3-A	88	90	96
	LCSD 460-993561/3-A	100	94	94
	460-309850-F-13-A MS	87	90	101
	460-309681-E-1-D MS	155 S1+	77	85
	460-309850-F-13-B MSD	92	95	101
	460-309681-E-1-E MSD	156 S1+	77	85

	QC LIMITS
NBZ = Nitrobenzene-d5 (Surr)	31-120
FBP = 2-Fluorobiphenyl	38-128
TPHL = Terphenyl-d14 (Surr)	44-147

Column to be used to flag recovery values

FORM II 8270E

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: Z87895.d

Lab ID: LCS 460-991761/2-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
Anthracene	3.33	3.29	99	67-120	
Benzo[a]anthracene	3.33	3.17	95	66-120	
Benzo[a]pyrene	3.33	3.48	104	73-123	
Benzo[b]fluoranthene	3.33	3.26	98	70-125	
Benzo[g,h,i]perylene	3.33	3.77	113	66-120	
Chrysene	3.33	3.20	96	67-120	
Fluorene	3.33	3.21	96	64-120	
Phenanthrene	3.33	3.26	98	66-120	
Pyrene	3.33	3.42	103	61-121	

Column to be used to flag recovery and RPD values

FORM III 8270E

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: f63013.D

Lab ID: LCS 460-993561/2-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
Anthracene	3.33	3.13	94	67-120	
Benzo[a]anthracene	3.33	3.13	94	66-120	
Benzo[a]pyrene	3.33	3.53	106	73-123	
Benzo[b]fluoranthene	3.33	3.41	102	70-125	
Benzo[g,h,i]perylene	3.33	3.44	103	66-120	
Chrysene	3.33	3.12	93	67-120	
Fluorene	3.33	3.09	93	64-120	
Phenanthrene	3.33	3.11	93	66-120	
Pyrene	3.33	3.25	98	61-121	

Column to be used to flag recovery and RPD values

FORM III 8270E

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: Z87896.d

Lab ID: LCSD 460-991761/3-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCSD CONCENTRATION (mg/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Anthracene	3.33	3.06	92	7	30	67-120	
Benzo[a]anthracene	3.33	2.95	89	7	30	66-120	
Benzo[a]pyrene	3.33	3.18	95	9	30	73-123	
Benzo[b]fluoranthene	3.33	3.00	90	8	30	70-125	
Benzo[g,h,i]perylene	3.33	3.42	103	10	30	66-120	
Chrysene	3.33	2.91	87	10	30	67-120	
Fluorene	3.33	2.95	89	8	30	64-120	
Phenanthrene	3.33	3.00	90	8	30	66-120	
Pyrene	3.33	3.20	96	7	30	61-121	

Column to be used to flag recovery and RPD values

FORM III 8270E

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: f63014.D

Lab ID: LCSD 460-993561/3-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCSD CONCENTRATION (mg/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Anthracene	3.33	3.26	98	4	30	67-120	
Benzo[a]anthracene	3.33	3.26	98	4	30	66-120	
Benzo[a]pyrene	3.33	3.69	111	4	30	73-123	
Benzo[b]fluoranthene	3.33	3.60	108	5	30	70-125	
Benzo[g,h,i]perylene	3.33	3.57	107	4	30	66-120	
Chrysene	3.33	3.19	96	2	30	67-120	
Fluorene	3.33	3.19	96	3	30	64-120	
Phenanthrene	3.33	3.21	96	3	30	66-120	
Pyrene	3.33	3.38	101	4	30	61-121	

Column to be used to flag recovery and RPD values

FORM III 8270E

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: Z87908.d

Lab ID: 460-309850-F-13-A MS Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	SAMPLE CONCENTRATION (mg/Kg)	MS CONCENTRATION (mg/Kg)	MS % REC	QC LIMITS REC	#
Anthracene	3.62	0.033 J	3.37	92	67-120	
Benzo[a]anthracene	3.62	0.072	3.34	90	66-120	
Benzo[a]pyrene	3.62	0.056	3.53	96	73-123	
Benzo[b]fluoranthene	3.62	0.076	3.41	92	70-125	
Benzo[g,h,i]perylene	3.62	0.039 J	3.83	105	66-120	
Chrysene	3.62	0.068 J	3.28	89	67-120	
Fluorene	3.62	0.014 J	3.23	89	64-120	
Phenanthrene	3.62	0.17 J	3.38	89	66-120	
Pyrene	3.62	0.13 J	3.68	98	61-121	

Column to be used to flag recovery and RPD values

FORM III 8270E

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: f63020.D

Lab ID: 460-309681-E-1-D MS Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	SAMPLE CONCENTRATION (mg/Kg)	MS CONCENTRATION (mg/Kg)	MS % REC	QC LIMITS REC	#
Anthracene	3.44	0.77	3.91	91	67-120	
Benzo[a]anthracene	3.44	0.11	3.34	94	66-120	
Benzo[a]pyrene	3.44	0.055	3.71	106	73-123	
Benzo[b]fluoranthene	3.44	0.073	3.70	105	70-125	
Benzo[g,h,i]perylene	3.44	0.030 J	3.69	106	66-120	
Chrysene	3.44	0.13 J	3.31	92	67-120	
Fluorene	3.44	2.9	5.38	73	64-120	
Phenanthrene	3.44	7.3	8.87	47	66-120	E F1
Pyrene	3.44	1.0	3.81	80	61-121	

Column to be used to flag recovery and RPD values

FORM III 8270E

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: Z87909.d

Lab ID: 460-309850-F-13-B MSD Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	MSD CONCENTRATION (mg/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Anthracene	3.61	3.46	95	3	30	67-120	
Benzo[a]anthracene	3.61	3.36	91	1	30	66-120	
Benzo[a]pyrene	3.61	3.62	99	2	30	73-123	
Benzo[b]fluoranthene	3.61	3.55	96	4	30	70-125	
Benzo[g,h,i]perylene	3.61	3.94	108	3	30	66-120	
Chrysene	3.61	3.35	91	2	30	67-120	
Fluorene	3.61	3.28	91	2	30	64-120	
Phenanthrene	3.61	3.42	90	1	30	66-120	
Pyrene	3.61	3.65	98	1	30	61-121	

Column to be used to flag recovery and RPD values

FORM III 8270E

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: f63021.D

Lab ID: 460-309681-E-1-E MSD Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	MSD CONCENTRATION (mg/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Anthracene	3.45	3.46	78	12	30	67-120	
Benzo[a]anthracene	3.45	3.24	91	3	30	66-120	
Benzo[a]pyrene	3.45	3.57	102	4	30	73-123	
Benzo[b]fluoranthene	3.45	3.61	102	3	30	70-125	
Benzo[g,h,i]perylene	3.45	3.63	104	2	30	66-120	
Chrysene	3.45	3.23	90	3	30	67-120	
Fluorene	3.45	5.35	72	1	30	64-120	
Phenanthrene	3.45	8.77	44	1	30	66-120	E F1
Pyrene	3.45	3.71	77	3	30	61-121	

Column to be used to flag recovery and RPD values

FORM III 8270E

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Lab File ID: Z87894.d Lab Sample ID: MB 460-991761/1-A

Matrix: Solid Date Extracted: 08/21/2024 20:34

Instrument ID: CBNAMS11 Date Analyzed: 08/22/2024 07:34

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-991761/2-A	Z87895.d	08/22/2024 07:56
	LCSD 460-991761/3-A	Z87896.d	08/22/2024 08:19
	460-309850-F-13-A MS	Z87908.d	08/22/2024 12:48
	460-309850-F-13-B MSD	Z87909.d	08/22/2024 13:10
20240815_UCS_INT-1-7.5-8	460-309671-1	Z87914.d	08/22/2024 15:02
20240815_UCS_INT-2-6.5-7	460-309671-2	Z87915.d	08/22/2024 15:24

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Lab File ID: f63012.D Lab Sample ID: MB 460-993561/1-A

Matrix: Solid Date Extracted: 08/30/2024 23:30

Instrument ID: CBNAMS15 Date Analyzed: 09/01/2024 13:13

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-993561/2-A	f63013.D	09/01/2024 13:31
	LCSD 460-993561/3-A	f63014.D	09/01/2024 13:48
	460-309681-E-1-D MS	f63020.D	09/01/2024 15:32
	460-309681-E-1-E MSD	f63021.D	09/01/2024 15:50
20240815_UCS_INT-3-7.5-8	460-309671-3	f63030.D	09/01/2024 18:27

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Lab File ID: Z87617.d DFTPP Injection Date: 08/08/2024

Instrument ID: CBNAMS11 DFTPP Injection Time: 07:15

Analysis Batch No.: 989449

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
68	Less than 2% of m/z 69	0.0	(0.0) 1
69	Present	36.8	
70	Less than 2% of m/z 69	0.2	(0.6) 1
197	Less than 2% of m/z 198	0.0	
198	Base Peak	100.0	
199	5-9% of m/z 198	7.0	
365	Greater than 1% of Base Peak	4.7	
441	Less than 150% of m/z 443	34.7	(77.8) 3
442	Present	225.9	
443	15-24% of m/z 442	44.7	(19.8) 2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 460-989449/2	Z87618.d	08/08/2024	7:31
	STD120 460-989449/3	Z87619.d	08/08/2024	7:54
	STD80 460-989449/4	Z87620.d	08/08/2024	8:16
	STD20 460-989449/5	Z87621.d	08/08/2024	8:39
	STD10 460-989449/6	Z87622.d	08/08/2024	9:01
	STD5 460-989449/7	Z87623.d	08/08/2024	9:24
	STD2 460-989449/8	Z87624.d	08/08/2024	9:46
	STD1 460-989449/9	Z87625.d	08/08/2024	10:09
	STD05 460-989449/10	Z87626.d	08/08/2024	10:31
	ICV 460-989449/11	Z87627.d	08/08/2024	10:54

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Lab File ID: f62111a.D DFTPP Injection Date: 07/30/2024

Instrument ID: CBNAMS15 DFTPP Injection Time: 11:57

Analysis Batch No.: 987932

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
68	Less than 2% of m/z 69	0.7	(1.7) 1
69	Present	38.3	
70	Less than 2% of m/z 69	0.2	(0.5) 1
197	Less than 2% of m/z 198	0.4	
198	Base Peak	100.0	
199	5-9% of m/z 198	6.9	
365	Greater than 1% of Base Peak	3.6	
441	Less than 150% of m/z 443	23.0	(82.8) 3
442	Present	143.2	
443	15-24% of m/z 442	27.7	(19.4) 2

1-Value is % mass 69 2-Value is % mass 442 3-Value is % mass 443

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 460-987932/2	f62112.D	07/30/2024	12:10
	STD120 460-987932/3	f62113.D	07/30/2024	12:27
	STD80 460-987932/4	f62114.D	07/30/2024	12:45
	STD20 460-987932/5	f62115.D	07/30/2024	13:02
	STD10 460-987932/6	f62116.D	07/30/2024	13:20
	STD5 460-987932/7	f62117.D	07/30/2024	13:37
	STD2 460-987932/8	f62118.D	07/30/2024	13:55
	STD1 460-987932/9	f62119.D	07/30/2024	14:12
	STD05 460-987932/10	f62120.D	07/30/2024	14:30
	ICV 460-987932/11	f62121.D	07/30/2024	14:47

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Sample No.: ICIS 460-989449/2 Date Analyzed: 08/08/2024 07:31

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): Z87618.d Heated Purge: (Y/N) N

Calibration ID: 98285

		DCBd4		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		281184	3.73	1078159	4.98	618764	6.68
UPPER LIMIT		562368	4.23	2156318	5.48	1237528	7.18
LOWER LIMIT		140592	3.23	539080	4.48	309382	6.18
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-989449/11		300700	3.73	1150906	4.98	668302	6.68

DCBd4 = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Sample No.: ICIS 460-989449/2 Date Analyzed: 08/08/2024 07:31

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): Z87618.d Heated Purge: (Y/N) N

Calibration ID: 98285

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		1223677	8.09	1036549	10.64	1258234	12.32
UPPER LIMIT		2447354	8.59	2073098	11.14	2516468	12.82
LOWER LIMIT		611839	7.59	518275	10.14	629117	11.82
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-989449/11		1344028	8.09	1183281	10.64	1400966	12.32

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Sample No.: CCVIS 460-991830/2 Date Analyzed: 08/22/2024 06:49

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): Z87892.d Heated Purge: (Y/N) N

Calibration ID: 98285

		DCBd4		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		335035	3.67	1267804	4.93	719251	6.62
UPPER LIMIT		670070	4.17	2535608	5.43	1438502	7.12
LOWER LIMIT		167518	3.17	633902	4.43	359626	6.12
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-991761/1-A		343014	3.67	1265864	4.93	713884	6.62
LCS 460-991761/2-A		327323	3.67	1212858	4.93	661799	6.62
LCSD 460-991761/3-A		332797	3.67	1260840	4.93	698750	6.62
460-309850-F-13-A MS		388487	3.67	1469324	4.93	812004	6.62
460-309850-F-13-B MSD		392450	3.67	1470055	4.93	789768	6.63
460-309671-1	20240815_UCS_INT-1-7.5-8	349363	3.67	1247331	4.93	640373	6.62
460-309671-2	20240815_UCS_INT-2-6.5-7	363375	3.67	1308546	4.93	679408	6.62

DCBd4 = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Sample No.: CCVIS 460-991830/2 Date Analyzed: 08/22/2024 06:49

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): Z87892.d Heated Purge: (Y/N) N

Calibration ID: 98285

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1368369	8.03	1185263	10.57	1375767	12.23
UPPER LIMIT		2736738	8.53	2370526	11.07	2751534	12.73
LOWER LIMIT		684185	7.53	592632	10.07	687884	11.73
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-991761/1-A		1379756	8.03	1032635	10.56	1129431	12.22
LCS 460-991761/2-A		1235668	8.03	978303	10.57	1149774	12.23
LCSD 460-991761/3-A		1305113	8.03	1030826	10.57	1196429	12.23
460-309850-F-13-A MS		1502595	8.03	1107789	10.57	1260707	12.23
460-309850-F-13-B MSD		1410254	8.03	1055593	10.57	1209742	12.23
460-309671-1	20240815_UCS_INT-1-7.5-8	1161318	8.03	1032759	10.58	1179654	12.26
460-309671-2	20240815_UCS_INT-2-6.5-7	1238983	8.03	1078706	10.59	1079125	12.28

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Sample No.: ICIS 460-987932/2 Date Analyzed: 07/30/2024 12:10

Instrument ID: CBNAMS15 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): f62112.D Heated Purge: (Y/N) N

Calibration ID: 98245

		DCBd4		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		564240	3.36	2081553	4.32	1128261	5.66
UPPER LIMIT		1128480	3.86	4163106	4.82	2256522	6.16
LOWER LIMIT		282120	2.86	1040777	3.82	564131	5.16
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-987932/11		490182	3.35	1835802	4.32	1015176	5.66

DCBd4 = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Sample No.: ICIS 460-987932/2 Date Analyzed: 07/30/2024 12:10

Instrument ID: CBNAMS15 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): f62112.D Heated Purge: (Y/N) N

Calibration ID: 98245

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		2190085	6.78	1998864	8.82	2294676	10.22
UPPER LIMIT		4380170	7.28	3997728	9.32	4589352	10.72
LOWER LIMIT		1095043	6.28	999432	8.32	1147338	9.72
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-987932/11		1991047	6.78	1822203	8.82	2098159	10.22

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Sample No.: CCVIS 460-993708/2 Date Analyzed: 09/01/2024 12:31

Instrument ID: CBNAMS15 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): f63010.D Heated Purge: (Y/N) N

Calibration ID: 98245

		DCBd4		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		416542	3.31	1528829	4.28	816170	5.61
UPPER LIMIT		833084	3.81	3057658	4.78	1632340	6.11
LOWER LIMIT		208271	2.81	764415	3.78	408085	5.11
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-993561/1-A		414551	3.30	1565109	4.27	868428	5.61
LCS 460-993561/2-A		415003	3.30	1564032	4.27	854015	5.61
LCSD 460-993561/3-A		386750	3.30	1477322	4.27	812493	5.61
460-309681-E-1-D MS		347958	3.31	1104655	4.28	551333	5.64
460-309681-E-1-E MSD		335625	3.31	1072217	4.28	542744	5.64
460-309671-3	20240815_UCS_INT-3-7.5-8	400304	3.31	1505041	4.27	813240	5.61

DCBd4 = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Sample No.: CCVIS 460-993708/2 Date Analyzed: 09/01/2024 12:31

Instrument ID: CBNAMS15 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): f63010.D Heated Purge: (Y/N) N

Calibration ID: 98245

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1551847	6.72	1368128	8.75	1573972	10.14
UPPER LIMIT		3103694	7.22	2736256	9.25	3147944	10.64
LOWER LIMIT		775924	6.22	684064	8.25	786986	9.64
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-993561/1-A		1675377	6.72	1425238	8.74	1659133	10.12
LCS 460-993561/2-A		1658538	6.72	1478032	8.75	1685260	10.14
LCSD 460-993561/3-A		1573068	6.72	1402514	8.75	1592565	10.13
460-309681-E-1-D MS		1074719	6.75	1184045	8.76	1447198	10.14
460-309681-E-1-E MSD		1059467	6.75	1179430	8.76	1440045	10.14
460-309671-3	20240815_UCS_INT-3-7.5-8	1491509	6.72	1158762	8.77	1271831	10.18

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-309671-1

SDG No.:

Client Sample ID: 20240815_UCS_INT-1-7.5-8 | Lab Sample ID: 460-309671-1

Matrix: Solid | Lab File ID: Z87914.d

Analysis Method: 8270E | Date Collected: 08/15/2024 09:45

Extract. Method: 3546 | Date Extracted: 08/21/2024 20:34

Sample wt/vol: 15.01(g) | Date Analyzed: 08/22/2024 15:02

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 22.0 % Solids: 78.0 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 991830 | Units: mg/Kg

Preparation Batch No.: 991761 | Instrument ID: BNAMS11

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-12-7	Anthracene	0.013	U	0.42	0.013
56-55-3	Benzo[a]anthracene	0.054		0.042	0.032
50-32-8	Benzo[a]pyrene	0.066		0.042	0.011
205-99-2	Benzo[b]fluoranthene	0.074		0.042	0.011
191-24-2	Benzo[g,h,i]perylene	0.036	J	0.42	0.012
218-01-9	Chrysene	0.074	J	0.42	0.018
86-73-7	Fluorene	0.012	U	0.42	0.012
85-01-8	Phenanthrene	0.051	J	0.42	0.017
129-00-0	Pyrene	0.094	J	0.42	0.011

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	96		38-128
4165-60-0	Nitrobenzene-d5 (Surr)	91		31-120
1718-51-0	Terphenyl-d14 (Surr)	93		44-147

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20240822-179901.b\Z87914.d
Lims ID: 460-309671-F-1-B
Client ID: 20240815_UCS_INT-1-7.5-8
Sample Type: Client
Inject. Date: 22-Aug-2024 15:02:30 ALS Bottle#: 24 Worklist Smp#: 24
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0179901-024
Operator ID: Instrument ID: CBNAMS11

Method: \\chromfs\Edison\ChromData\CBNAMS11\20240822-179901.b\8270_11R_9.m
Limit Group: SV 8270E ICAL
Last Update: 22-Aug-2024 15:28:35 Calib Date: 08-Aug-2024 10:31:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS11\20240808-179362.b\Z87626.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1636

First Level Reviewer: G4KC Date: 22-Aug-2024 15:28:35

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 14 1,4-Dichlorobenzene-d4	152	3.670	3.673	-0.003	94	349363	40.0	
$ 26 Nitrobenzene-d5	82	4.229	4.232	-0.006	86	519115	45.5	
* 38 Naphthalene-d8	136	4.928	4.932	-0.004	99	1247331	40.0	
$ 51 2-Fluorobiphenyl	172	5.994	5.992	-0.003	97	1158557	48.0	
* 65 Acenaphthene-d10	164	6.619	6.624	-0.005	96	640373	40.0	
* 87 Phenanthrene-d10	188	8.029	8.032	-0.003	98	1161318	40.0	
88 Phenanthrene	178	8.051	8.051	-0.004	96	17471	0.5978	
94 Pyrene	202	9.390	9.391	0.002	96	37662	1.11	
$ 96 Terphenyl-d14	244	9.568	9.567	0.004	97	1468351	46.3	
101 Benzo[a]anthracene	228	10.565	10.562	0.007	94	21403	0.6305	
* 102 Chrysene-d12	240	10.575	10.571	0.004	99	1032759	40.0	
103 Chrysene	228	10.604	10.604	0.004	96	28086	0.8708	
106 Benzo[b]fluoranthene	252	11.787	11.788	0.020	97	27614	0.8693	
108 Benzo[a]pyrene	252	12.188	12.183	0.028	91	22893	0.7725	
* 109 Perylene-d12	264	12.256	12.234	0.022	100	1179654	40.0	
112 Benzo[g,h,i]perylene	276	14.000	13.996	0.030	87	13690	0.4230	

QC Flag Legend
Processing Flags

Reagents:
SM_ISTD_00197 Amount Added: 20.00 Units: uL Run Reagent

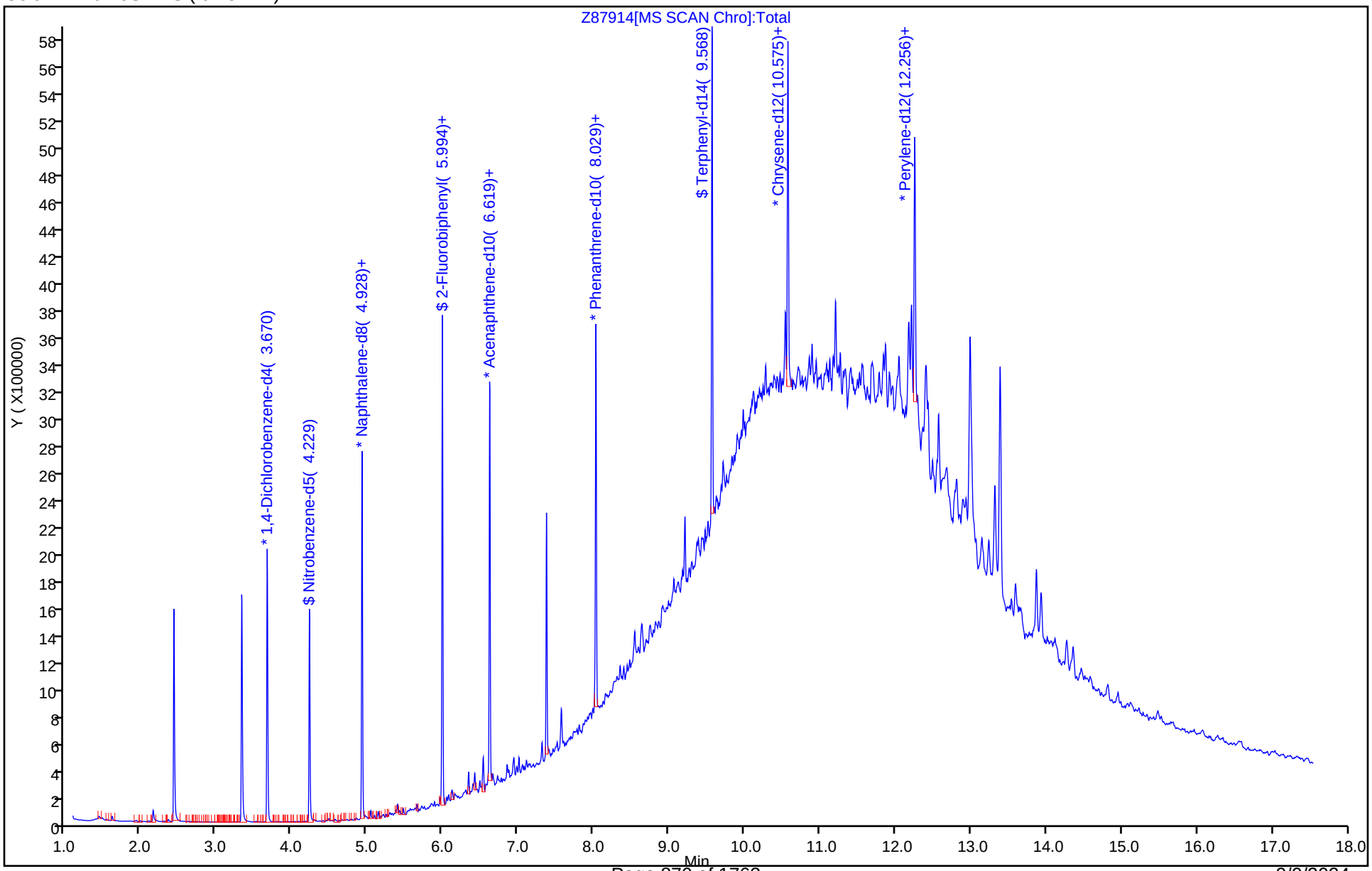
Report Date: 22-Aug-2024 15:28:36 Chrom Revision: 2.3 16-Jul-2024 14:17:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20240822-179901.b\Z87914.d

Injection Date:	22-Aug-2024 15:02:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	460-309671-F-1-B	Lab Sample ID:	460-309671-1	Worklist Smp#:	24
Client ID:	20240815_UCS_INT-1-7.5-8				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	24
Method:	8270_11R_9	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)

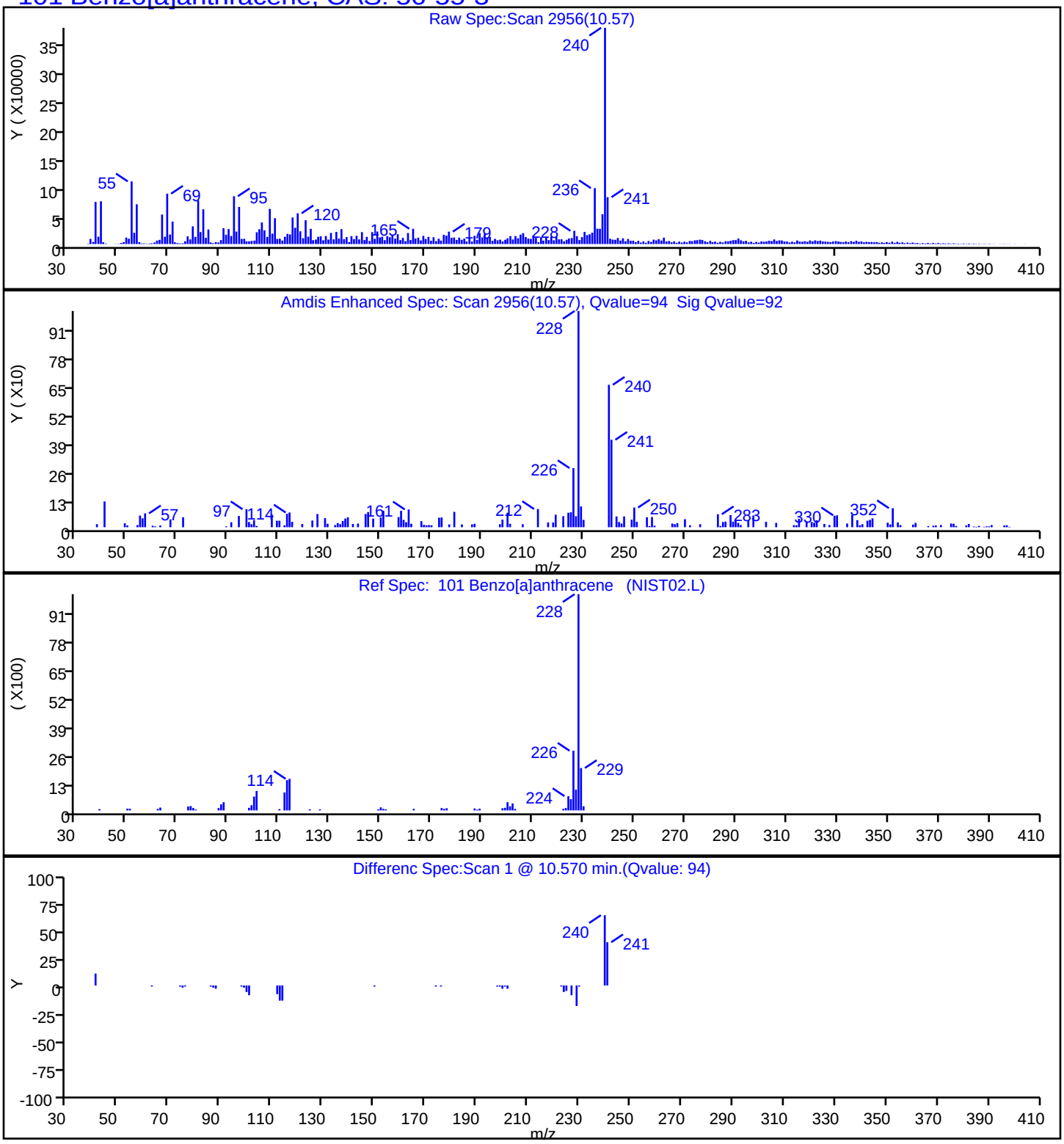


9/9/2024
1:05:41 PM

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20240822-179901.b\Z87914.d				
Injection Date:	22-Aug-2024 15:02:30	Instrument ID:	CBNAMS11		
Lims ID:	460-309671-F-1-B	Lab Sample ID:	460-309671-1		
Client ID:	20240815_UCS_INT-1-7.5-8				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

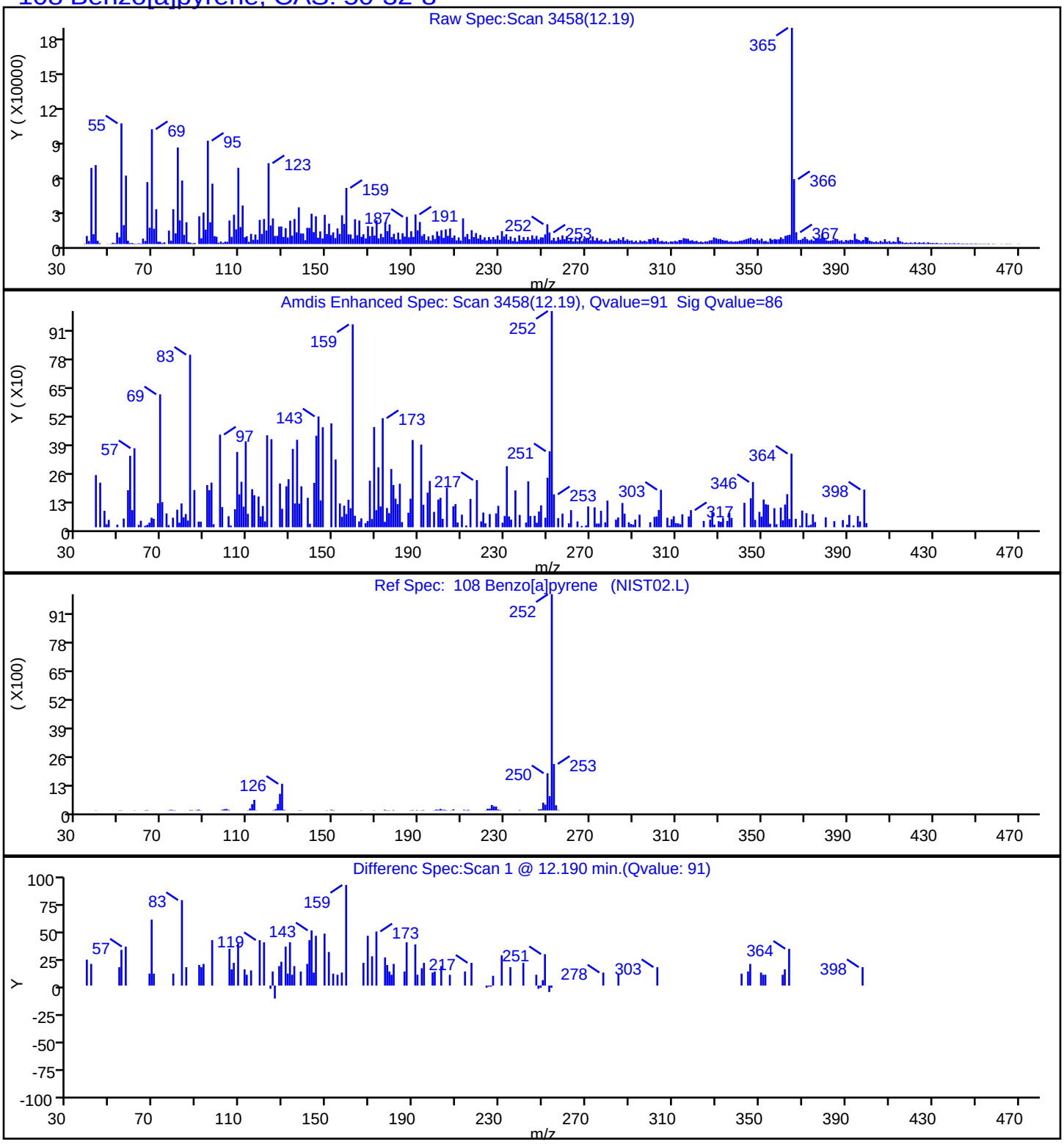
101 Benzo[a]anthracene, CAS: 56-55-3



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20240822-179901.b\Z87914.d				
Injection Date:	22-Aug-2024 15:02:30	Instrument ID:	CBNAMS11		
Lims ID:	460-309671-F-1-B	Lab Sample ID:	460-309671-1		
Client ID:	20240815_UCS_INT-1-7.5-8				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

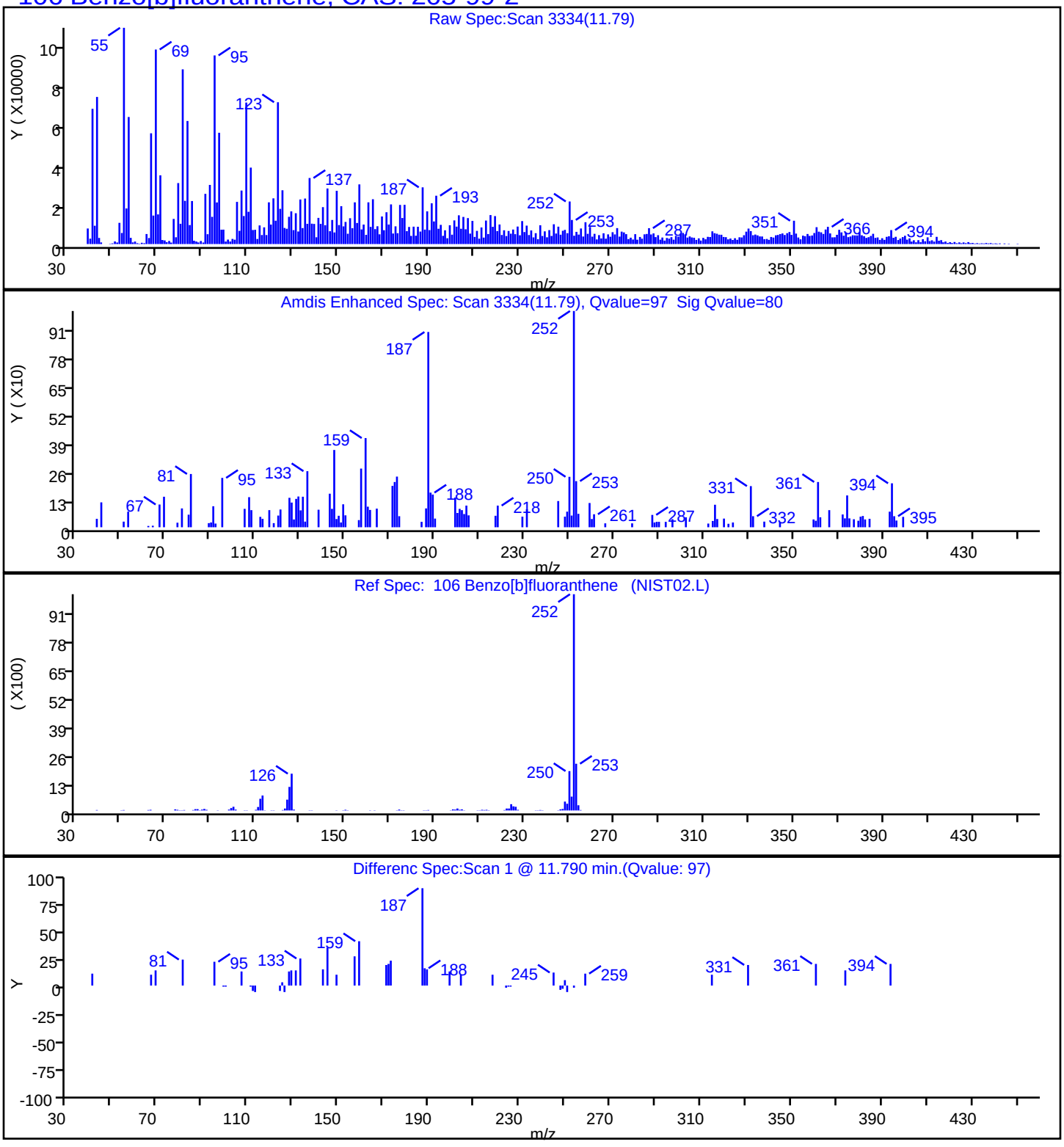
108 Benzo[a]pyrene, CAS: 50-32-8



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20240822-179901.b\Z87914.d				
Injection Date:	22-Aug-2024 15:02:30	Instrument ID:	CBNAMS11		
Lims ID:	460-309671-F-1-B	Lab Sample ID:	460-309671-1		
Client ID:	20240815_UCS_INT-1-7.5-8				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

106 Benzo[b]fluoranthene, CAS: 205-99-2

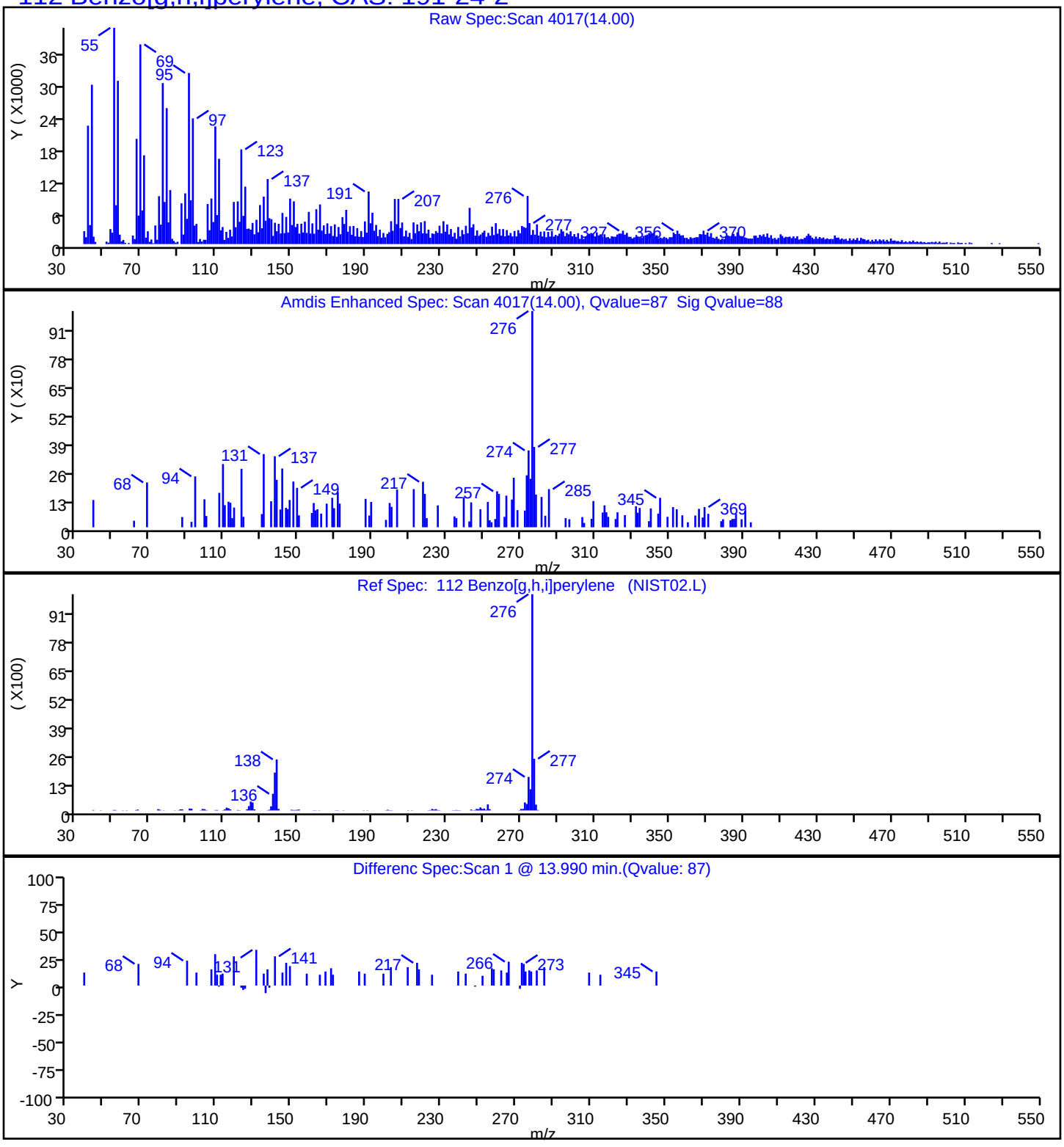


Report Date: 22-Aug-2024 15:28:36 Chrom Revision: 2.3 16-Jul-2024 14:17:34

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20240822-179901.b\Z87914.d				
Injection Date:	22-Aug-2024 15:02:30	Instrument ID:	CBNAMS11		
Lims ID:	460-309671-F-1-B	Lab Sample ID:	460-309671-1		
Client ID:	20240815_UCS_INT-1-7.5-8				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

112 Benzo[g,h,i]perylene, CAS: 191-24-2



9/9/2024
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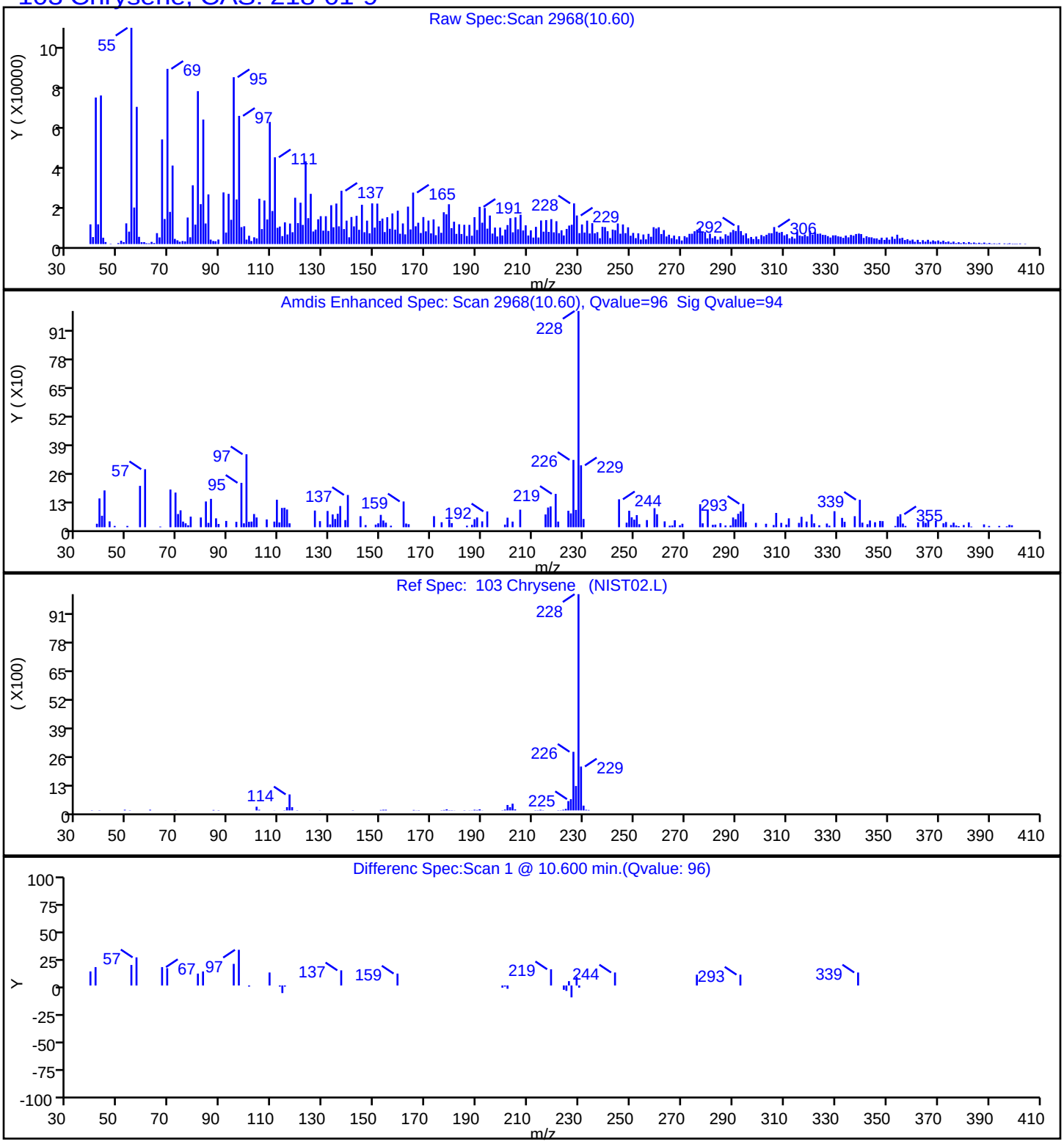
Report Date: 22-Aug-2024 15:28:36 Chrom Revision: 2.3 16-Jul-2024 14:17:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20240822-179901.b\Z87914.d

Injection Date:	22-Aug-2024 15:02:30	Instrument ID:	CBNAMS11		
Lims ID:	460-309671-F-1-B	Lab Sample ID:	460-309671-1		
Client ID:	20240815_UCS_INT-1-7.5-8				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

103 Chrysene, CAS: 218-01-9

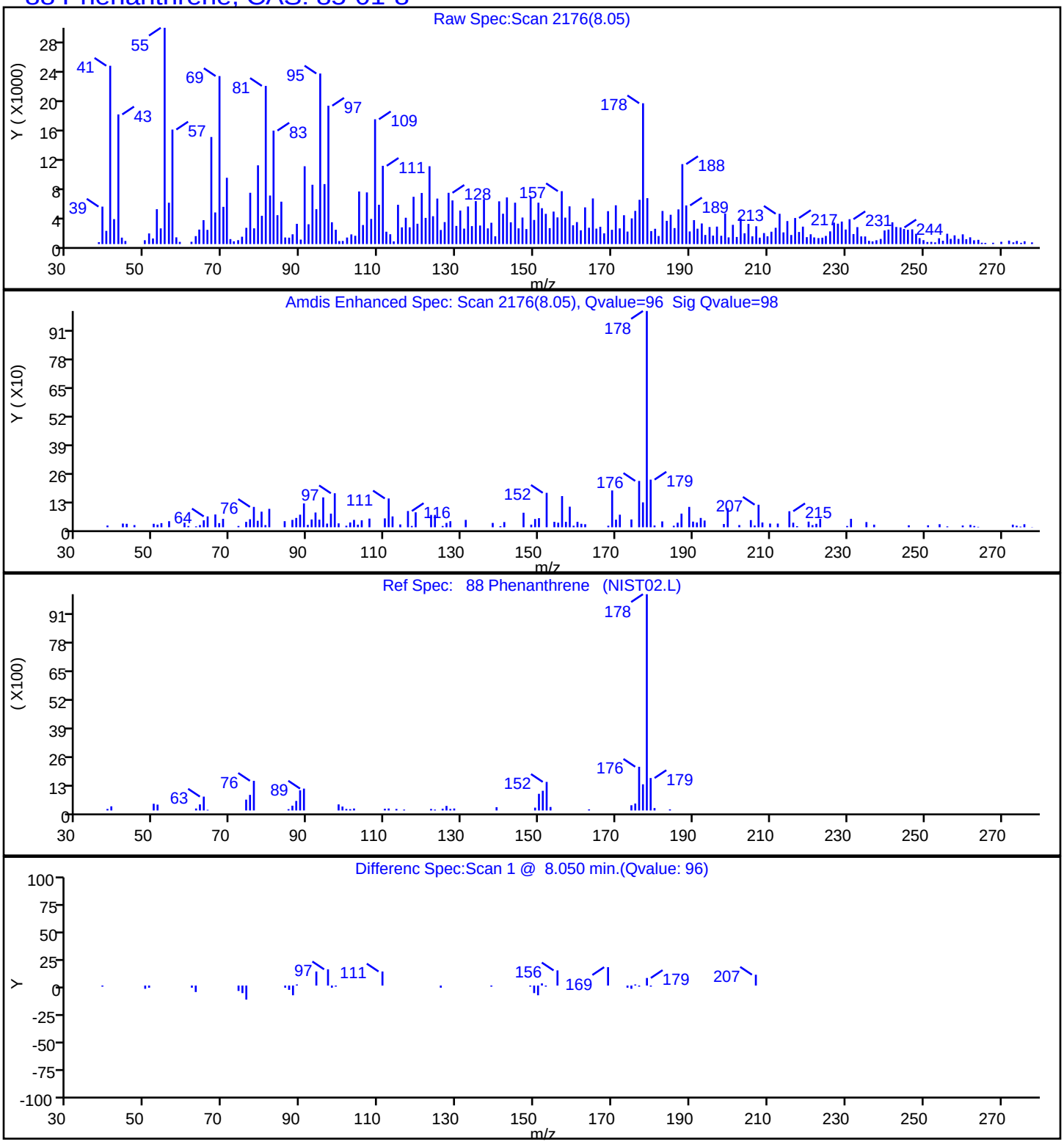


9/9/2024
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Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20240822-179901.b\Z87914.d		
Injection Date:	22-Aug-2024 15:02:30	Instrument ID:	CBNAMS11
Lims ID:	460-309671-F-1-B	Lab Sample ID:	460-309671-1
Client ID:	20240815_UCS_INT-1-7.5-8		
Operator ID:		ALS Bottle#:	24 Worklist Smp#: 24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000
Method:	8270_11R_9	Limit Group:	SV 8270E ICAL
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN

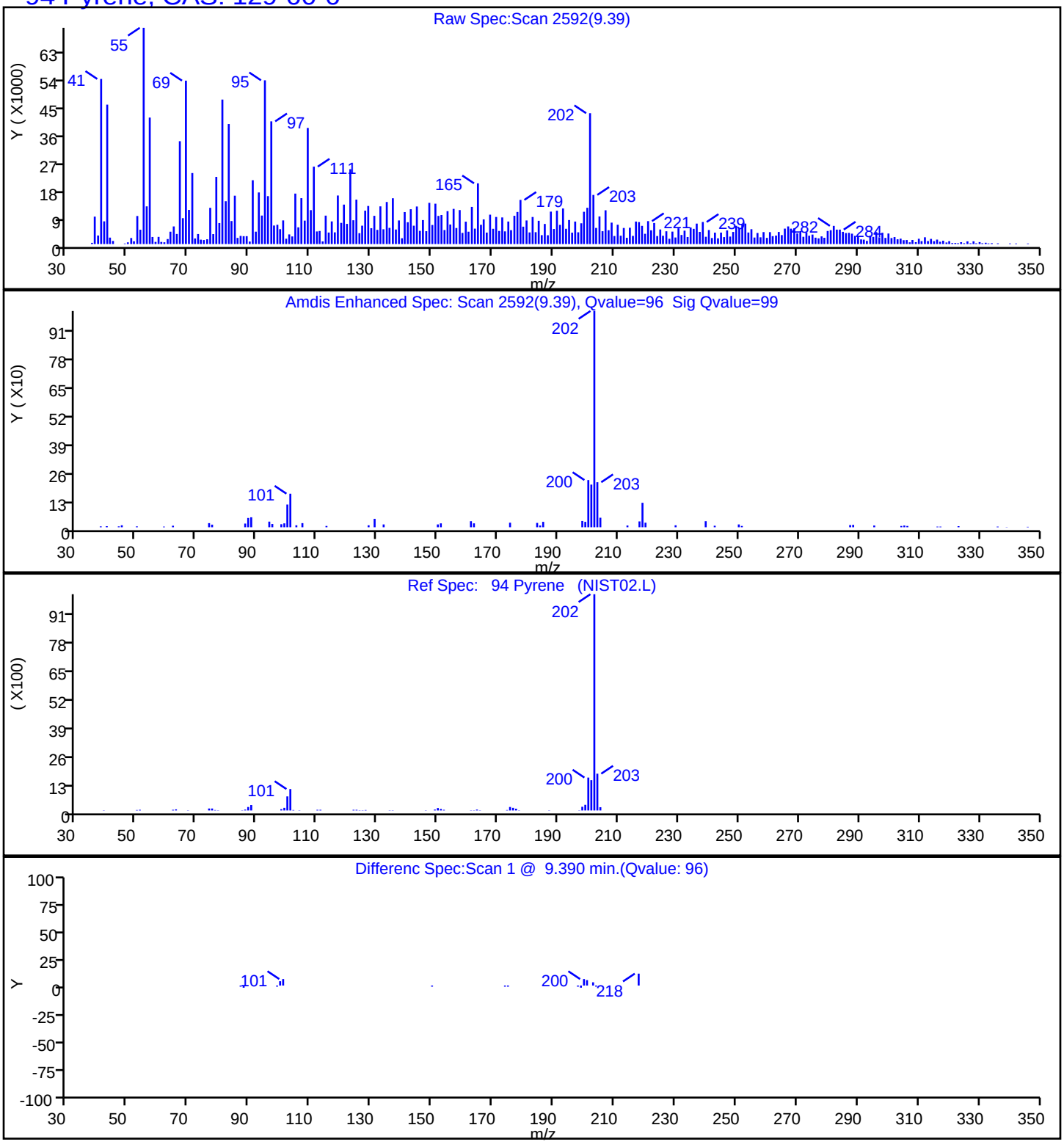
88 Phenanthrene, CAS: 85-01-8



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20240822-179901.b\Z87914.d
Injection Date: 22-Aug-2024 15:02:30 Instrument ID: CBNAMS11
Lims ID: 460-309671-F-1-B Lab Sample ID: 460-309671-1
Client ID: 20240815_UCS_INT-1-7.5-8
Operator ID: ALS Bottle#: 24 Worklist Smp#: 24
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_11R_9 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

94 Pyrene, CAS: 129-00-0



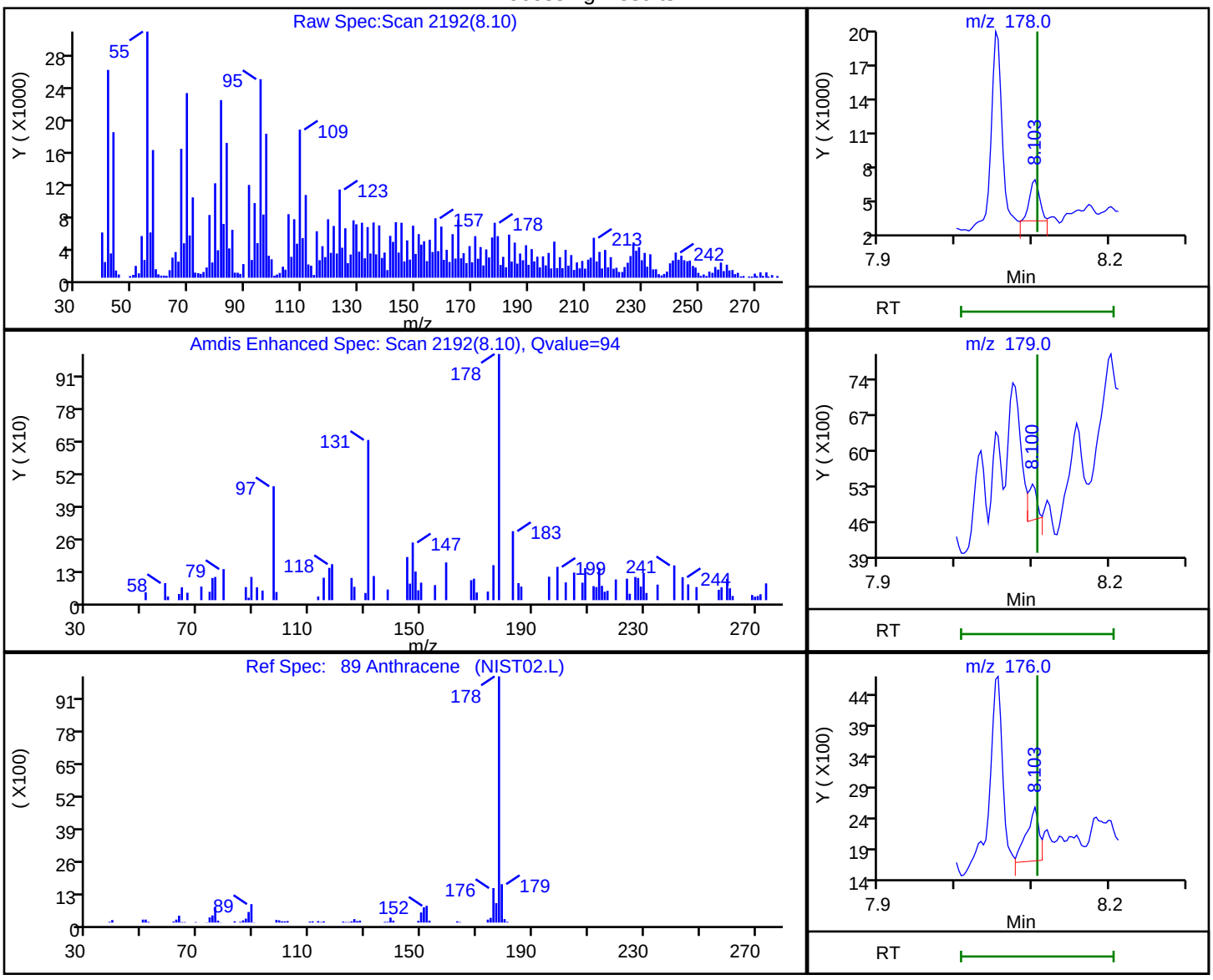
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20240822-179901.b\Z87914.d				
Injection Date:	22-Aug-2024 15:02:30	Instrument ID:	CBNAMS11		
Lims ID:	460-309671-F-1-B	Lab Sample ID:	460-309671-1		
Client ID:	20240815_UCS_INT-1-7.5-8				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

89 Anthracene, CAS: 120-12-7

Processing Results



RT	Mass	Response	Amount
8.10	178.00	3301	0.109613
8.10	179.00	546	
8.10	176.00	980	

Reviewer: G4KC, 22-Aug-2024 15:28:22 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

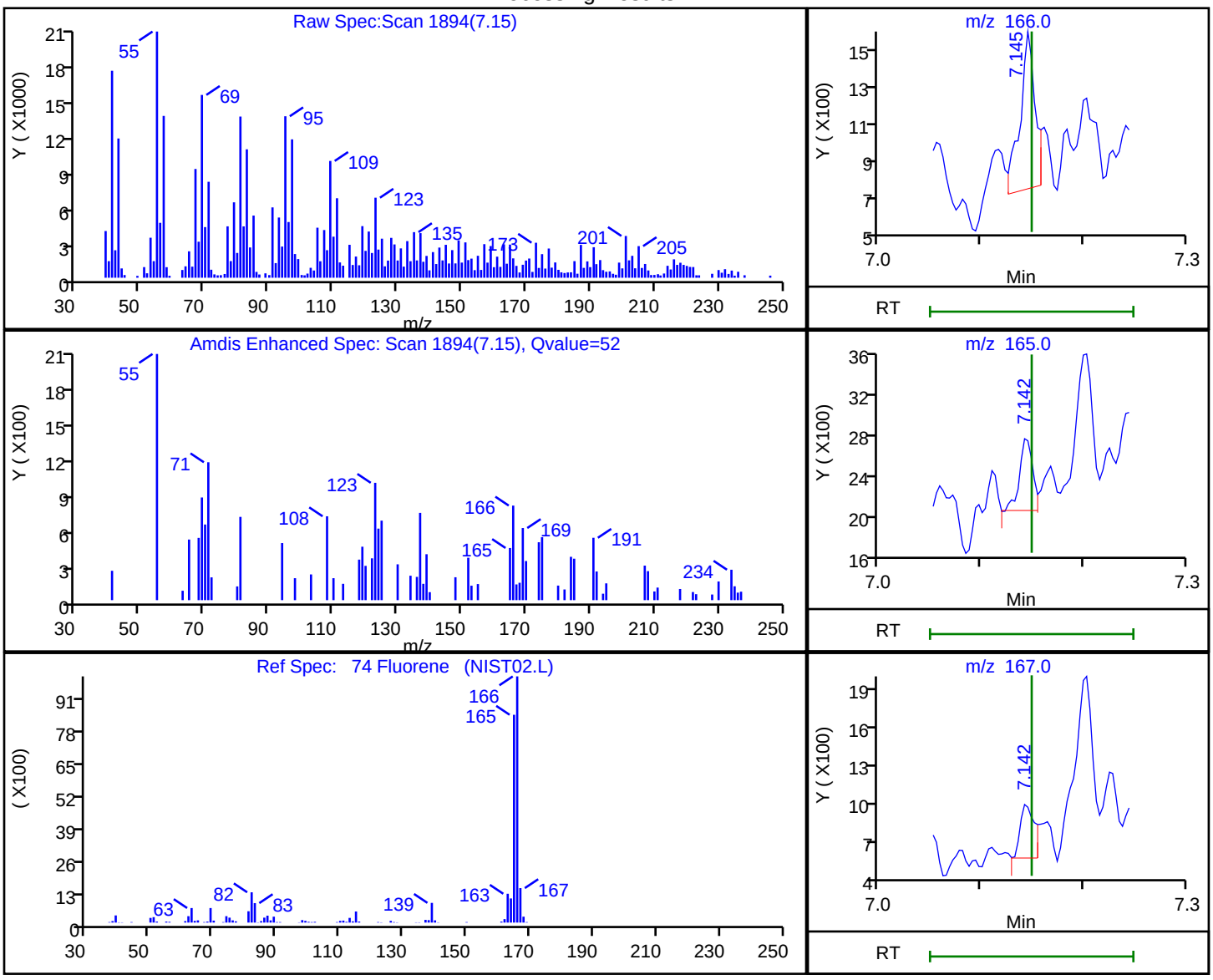
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20240822-179901.b\Z87914.d				
Injection Date:	22-Aug-2024 15:02:30	Instrument ID:	CBNAMS11		
Lims ID:	460-309671-F-1-B	Lab Sample ID:	460-309671-1		
Client ID:	20240815_UCS_INT-1-7.5-8				
Operator ID:		ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

74 Fluorene, CAS: 86-73-7

Processing Results



RT	Mass	Response	Amount
7.15	166.00	857	0.039560
7.14	165.00	632	
7.14	167.00	379	

Reviewer: G4KC, 22-Aug-2024 15:28:20 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-309671-1

SDG No.:

Client Sample ID: 20240815_UCS_INT-2-6.5-7 | Lab Sample ID: 460-309671-2

Matrix: Solid | Lab File ID: Z87915.d

Analysis Method: 8270E | Date Collected: 08/15/2024 09:55

Extract. Method: 3546 | Date Extracted: 08/21/2024 20:34

Sample wt/vol: 15.02(g) | Date Analyzed: 08/22/2024 15:24

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 19.3 % Solids: 80.7 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 991830 | Units: mg/Kg

Preparation Batch No.: 991761 | Instrument ID: BNAMS11

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-12-7	Anthracene	0.050	J	0.41	0.012
56-55-3	Benzo[a]anthracene	0.32		0.041	0.031
50-32-8	Benzo[a]pyrene	0.44		0.041	0.011
205-99-2	Benzo[b]fluoranthene	0.51		0.041	0.011
191-24-2	Benzo[g,h,i]perylene	0.32	J	0.41	0.012
218-01-9	Chrysene	0.40	J	0.41	0.017
86-73-7	Fluorene	0.030	J	0.41	0.012
85-01-8	Phenanthrene	0.20	J	0.41	0.017
129-00-0	Pyrene	0.41		0.41	0.010

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	94		38-128
4165-60-0	Nitrobenzene-d5 (Surr)	88		31-120
1718-51-0	Terphenyl-d14 (Surr)	93		44-147

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20240822-179901.b\Z87915.d
Lims ID: 460-309671-F-2-B
Client ID: 20240815_UCS_INT-2-6.5-7
Sample Type: Client
Inject. Date: 22-Aug-2024 15:24:30 ALS Bottle#: 25 Worklist Smp#: 25
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0179901-025
Operator ID: Instrument ID: CBNAMS11

Method: \\chromfs\Edison\ChromData\CBNAMS11\20240822-179901.b\8270_11R_9.m
Limit Group: SV 8270E ICAL
Last Update: 22-Aug-2024 17:38:50 Calib Date: 08-Aug-2024 10:31:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS11\20240808-179362.b\Z87626.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1618

First Level Reviewer: DY9Z Date: 22-Aug-2024 17:38:50

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 14 1,4-Dichlorobenzene-d4	152	3.672	3.672	0.000	95	363375	40.0	
$ 26 Nitrobenzene-d5	82	4.232	4.232	0.000	86	524631	43.9	
* 38 Naphthalene-d8	136	4.929	4.929	0.000	99	1308546	40.0	
$ 51 2-Fluorobiphenyl	172	5.993	5.993	0.000	98	1203869	47.0	
* 65 Acenaphthene-d10	164	6.622	6.622	0.000	98	679408	40.0	
74 Fluorene	166	7.146	7.146	0.000	90	8472	0.3686	
* 87 Phenanthrene-d10	188	8.033	8.033	0.000	98	1238983	40.0	
88 Phenanthrene	178	8.056	8.056	0.000	95	75441	2.42	
89 Anthracene	178	8.104	8.104	0.000	98	19579	0.6094	
94 Pyrene	202	9.396	9.396	0.000	97	176128	4.95	
$ 96 Terphenyl-d14	244	9.574	9.574	0.000	98	1532729	46.3	
101 Benzo[a]anthracene	228	10.576	10.576	0.000	96	137550	3.88	
* 102 Chrysene-d12	240	10.586	10.586	0.000	99	1078706	40.0	
103 Chrysene	228	10.612	10.612	0.000	98	164395	4.88	
106 Benzo[b]fluoranthene	252	11.804	11.804	0.000	98	180978	6.23	
108 Benzo[a]pyrene	252	12.202	12.202	0.000	97	145895	5.38	
* 109 Perylene-d12	264	12.277	12.277	0.000	99	1079125	40.0	
112 Benzo[g,h,i]perylene	276	14.013	14.013	0.000	98	115766	3.91	

QC Flag Legend

Processing Flags

Reagents:

SM_ISTD_00197 Amount Added: 20.00 Units: uL Run Reagent

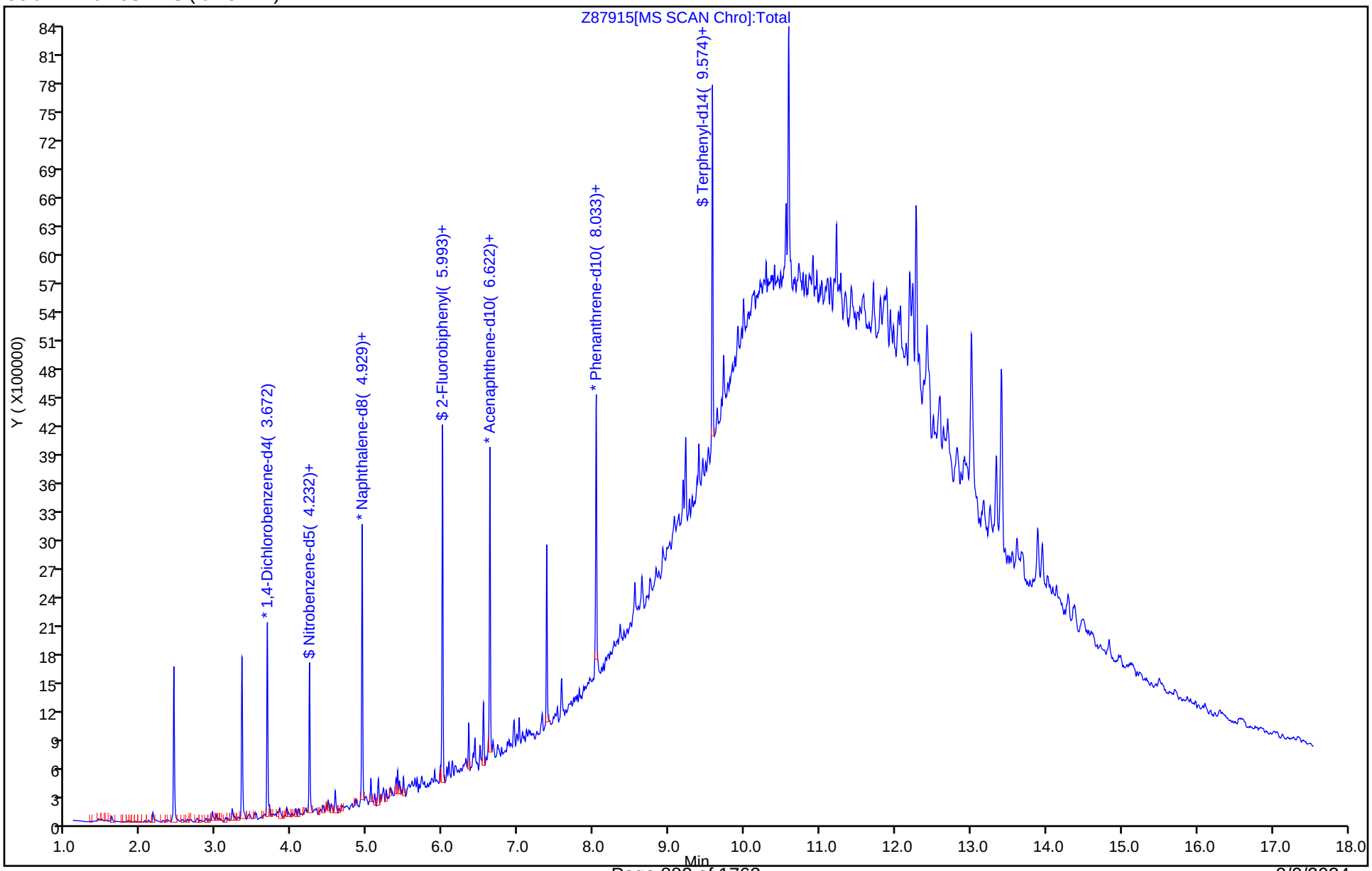
Report Date: 22-Aug-2024 17:38:51 Chrom Revision: 2.3 16-Jul-2024 14:17:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20240822-179901.b\Z87915.d

Injection Date:	22-Aug-2024 15:24:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	460-309671-F-2-B	Lab Sample ID:	460-309671-2	Worklist Smp#:	25
Client ID:	20240815_UCS_INT-2-6.5-7				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	25
Method:	8270_11R_9	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)

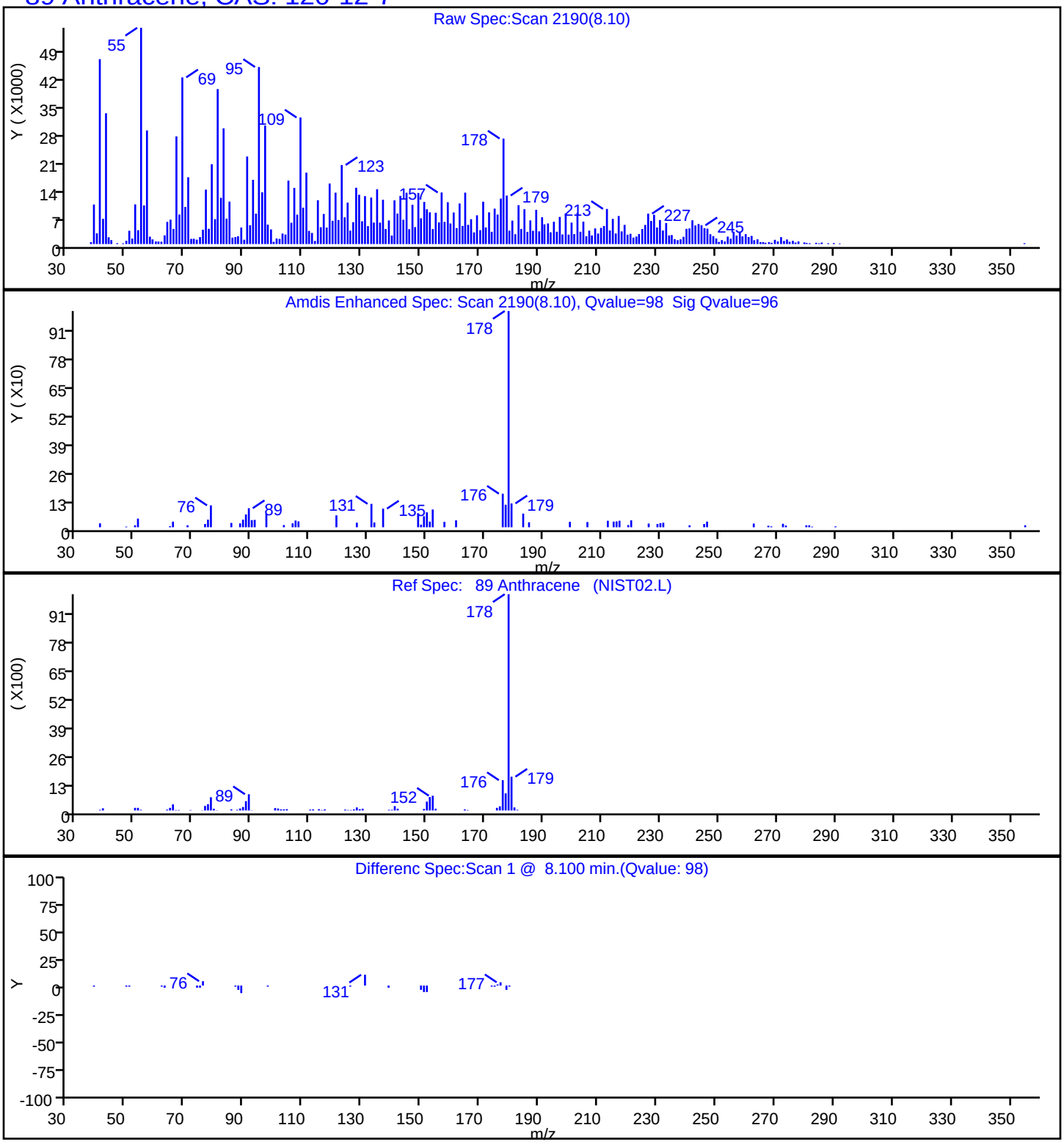


9/9/2024
1:05:41 PM

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20240822-179901.b\Z87915.d				
Injection Date:	22-Aug-2024 15:24:30	Instrument ID:	CBNAMS11		
Lims ID:	460-309671-F-2-B	Lab Sample ID:	460-309671-2		
Client ID:	20240815_UCS_INT-2-6.5-7				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	25
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

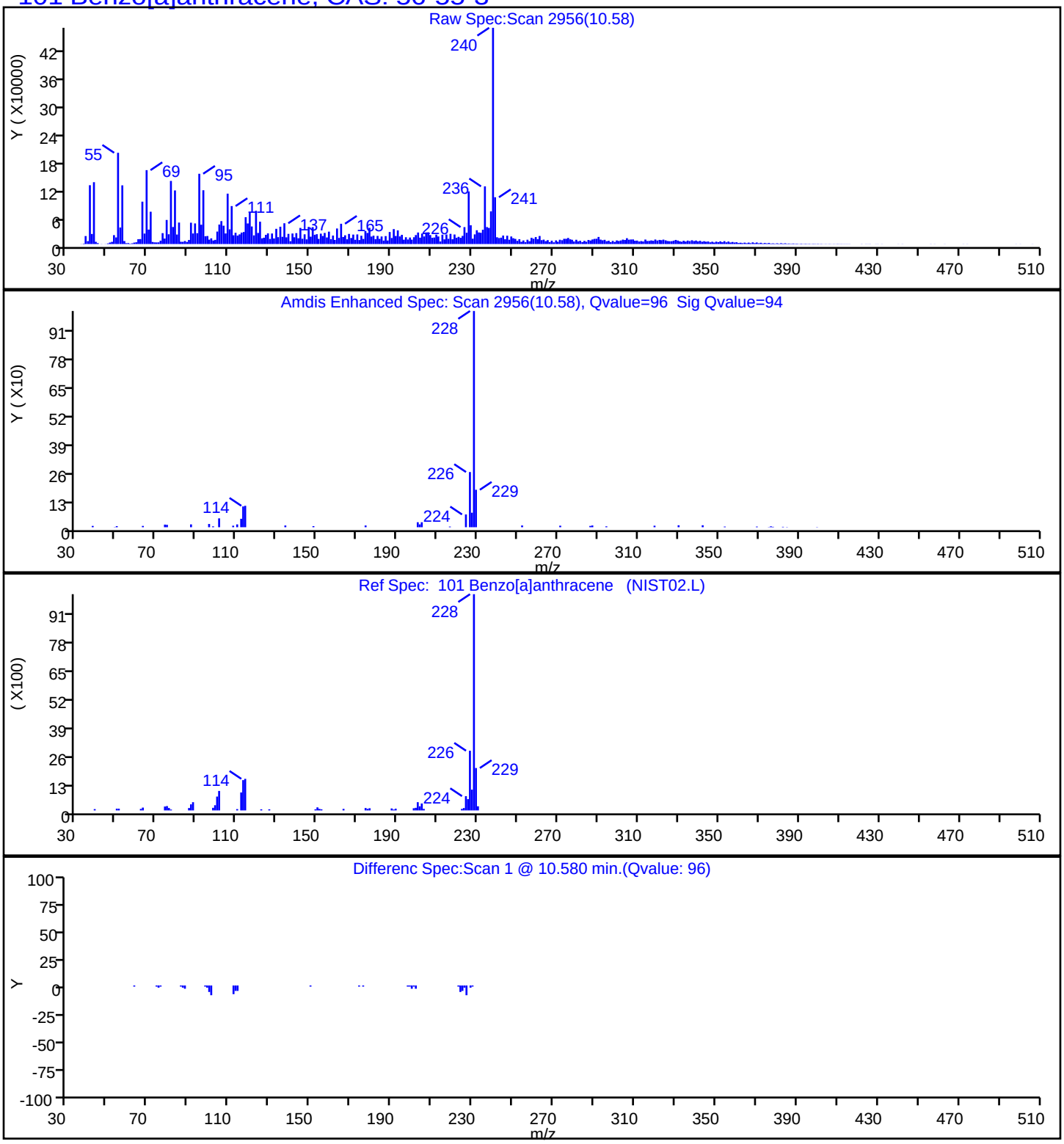
89 Anthracene, CAS: 120-12-7



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20240822-179901.b\Z87915.d				
Injection Date:	22-Aug-2024 15:24:30	Instrument ID:	CBNAMS11		
Lims ID:	460-309671-F-2-B	Lab Sample ID:	460-309671-2		
Client ID:	20240815_UCS_INT-2-6.5-7				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	25
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

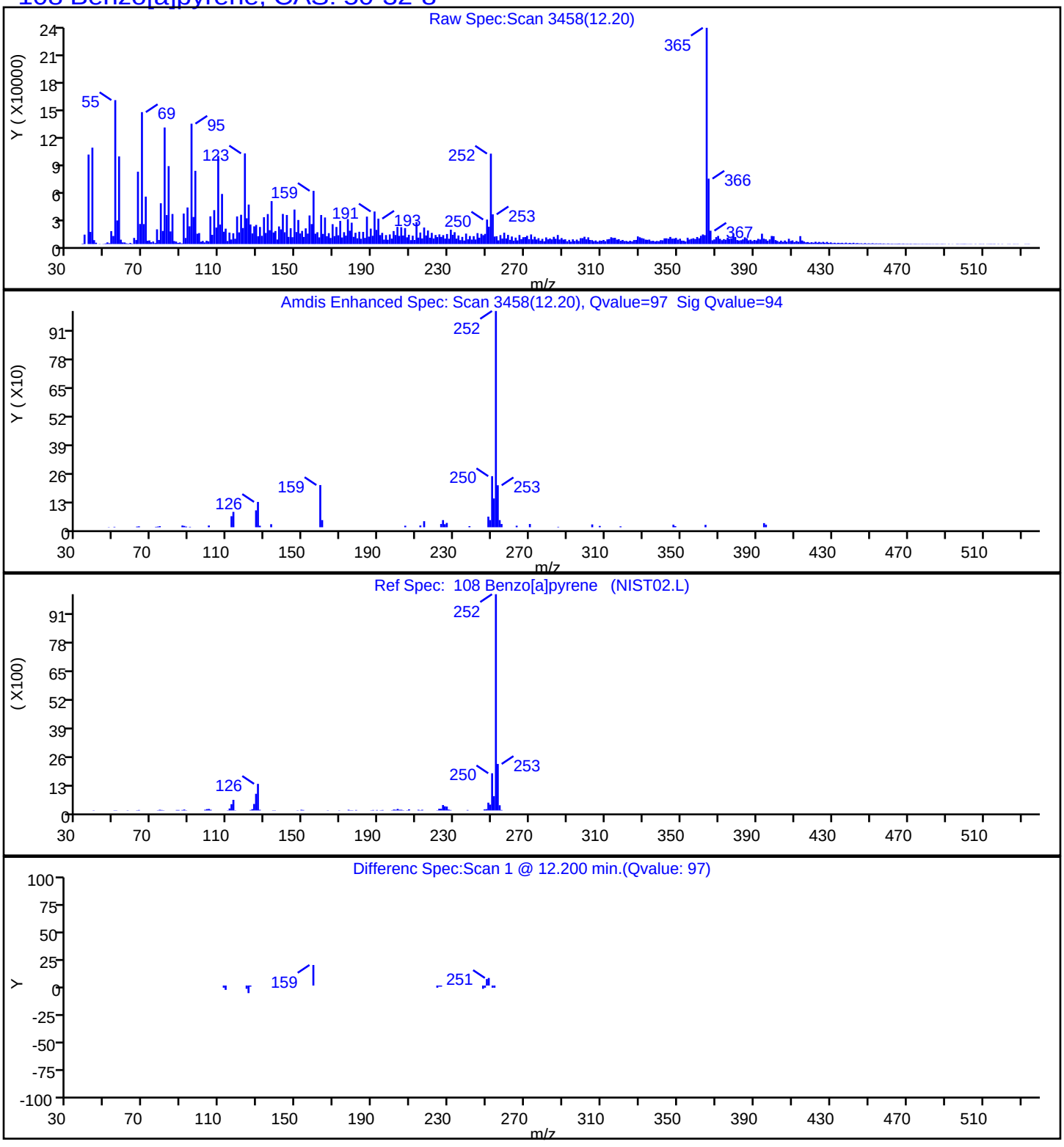
101 Benzo[a]anthracene, CAS: 56-55-3



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20240822-179901.b\Z87915.d				
Injection Date:	22-Aug-2024 15:24:30	Instrument ID:	CBNAMS11		
Lims ID:	460-309671-F-2-B	Lab Sample ID:	460-309671-2		
Client ID:	20240815_UCS_INT-2-6.5-7				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	25
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

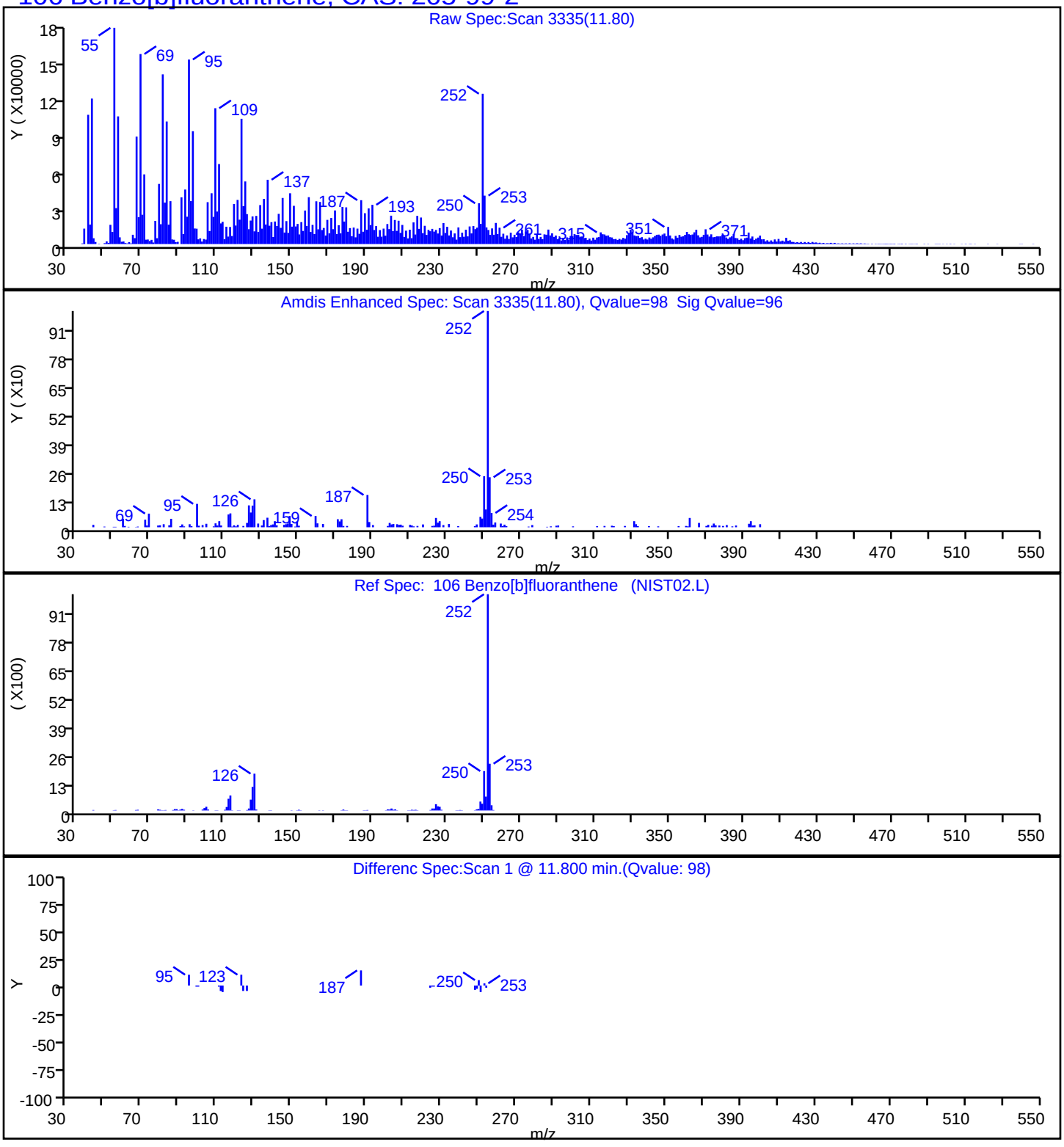
108 Benzo[a]pyrene, CAS: 50-32-8



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20240822-179901.b\Z87915.d				
Injection Date:	22-Aug-2024 15:24:30	Instrument ID:	CBNAMS11		
Lims ID:	460-309671-F-2-B	Lab Sample ID:	460-309671-2		
Client ID:	20240815_UCS_INT-2-6.5-7				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	25
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

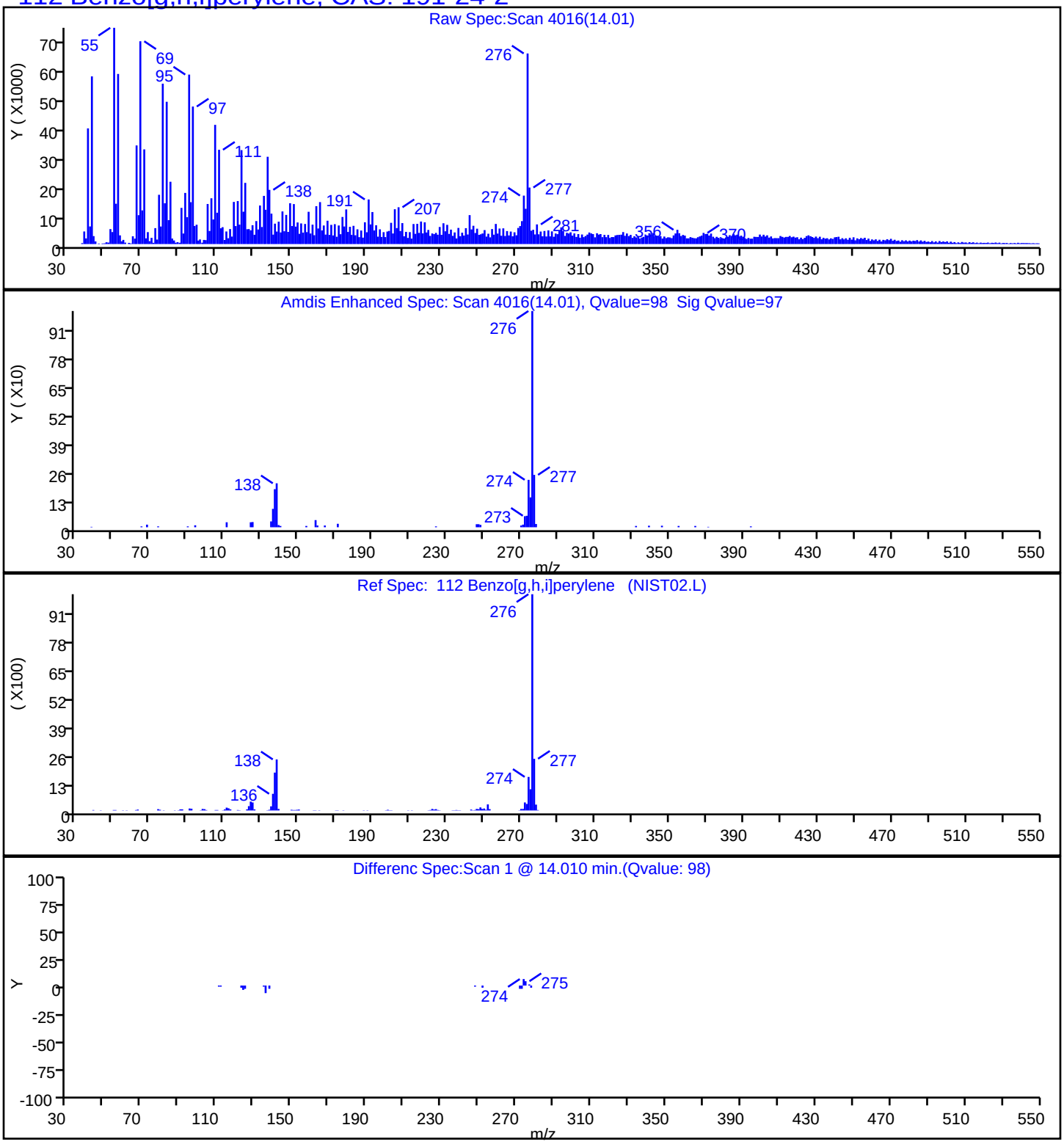
106 Benzo[b]fluoranthene, CAS: 205-99-2



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20240822-179901.b\Z87915.d				
Injection Date:	22-Aug-2024 15:24:30	Instrument ID:	CBNAMS11		
Lims ID:	460-309671-F-2-B	Lab Sample ID:	460-309671-2		
Client ID:	20240815_UCS_INT-2-6.5-7				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	25
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

112 Benzo[g,h,i]perylene, CAS: 191-24-2



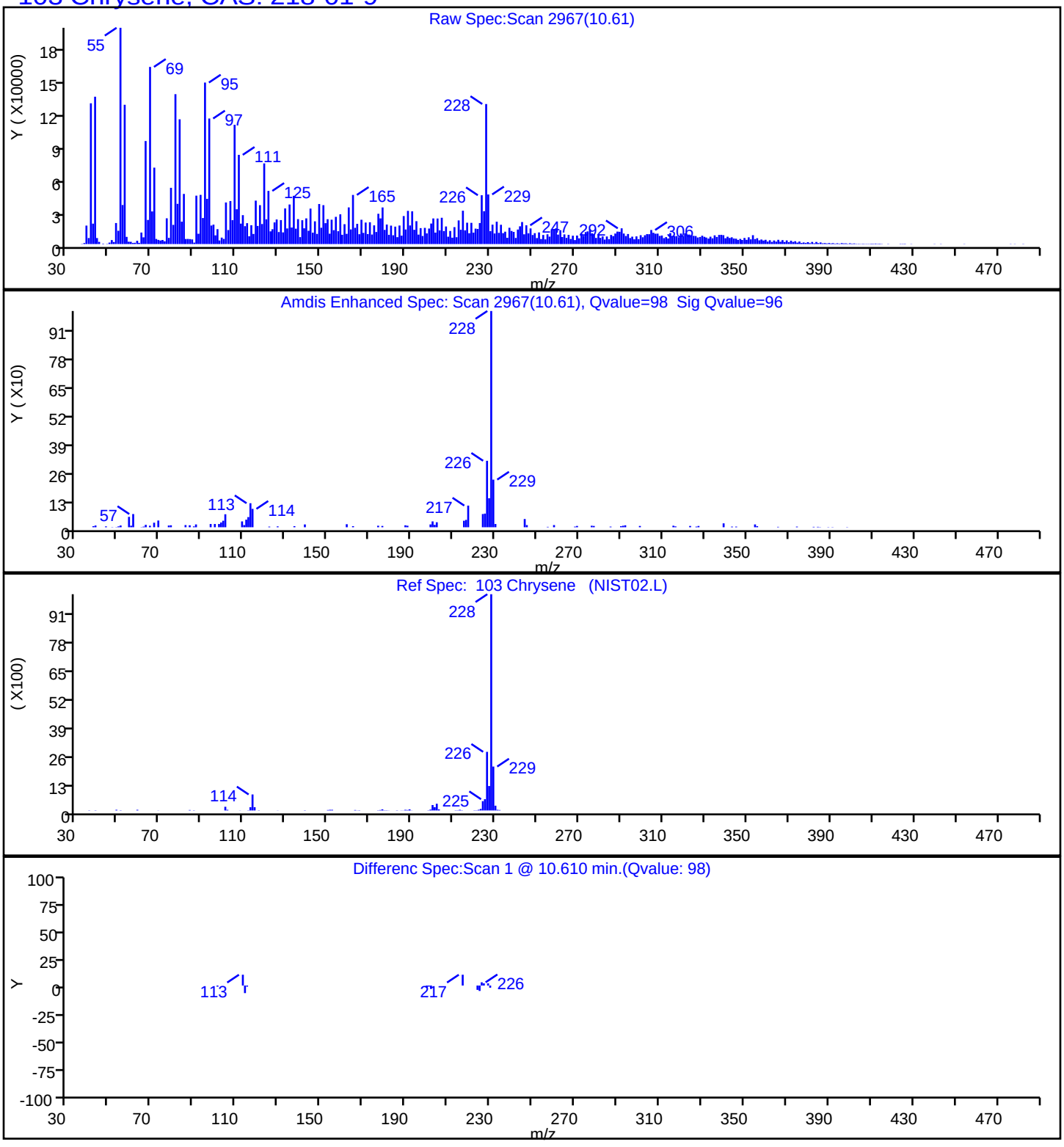
Report Date: 22-Aug-2024 17:38:51 Chrom Revision: 2.3 16-Jul-2024 14:17:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20240822-179901.b\Z87915.d

Injection Date:	22-Aug-2024 15:24:30	Instrument ID:	CBNAMS11		
Lims ID:	460-309671-F-2-B	Lab Sample ID:	460-309671-2		
Client ID:	20240815_UCS_INT-2-6.5-7				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	25
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

103 Chrysene, CAS: 218-01-9

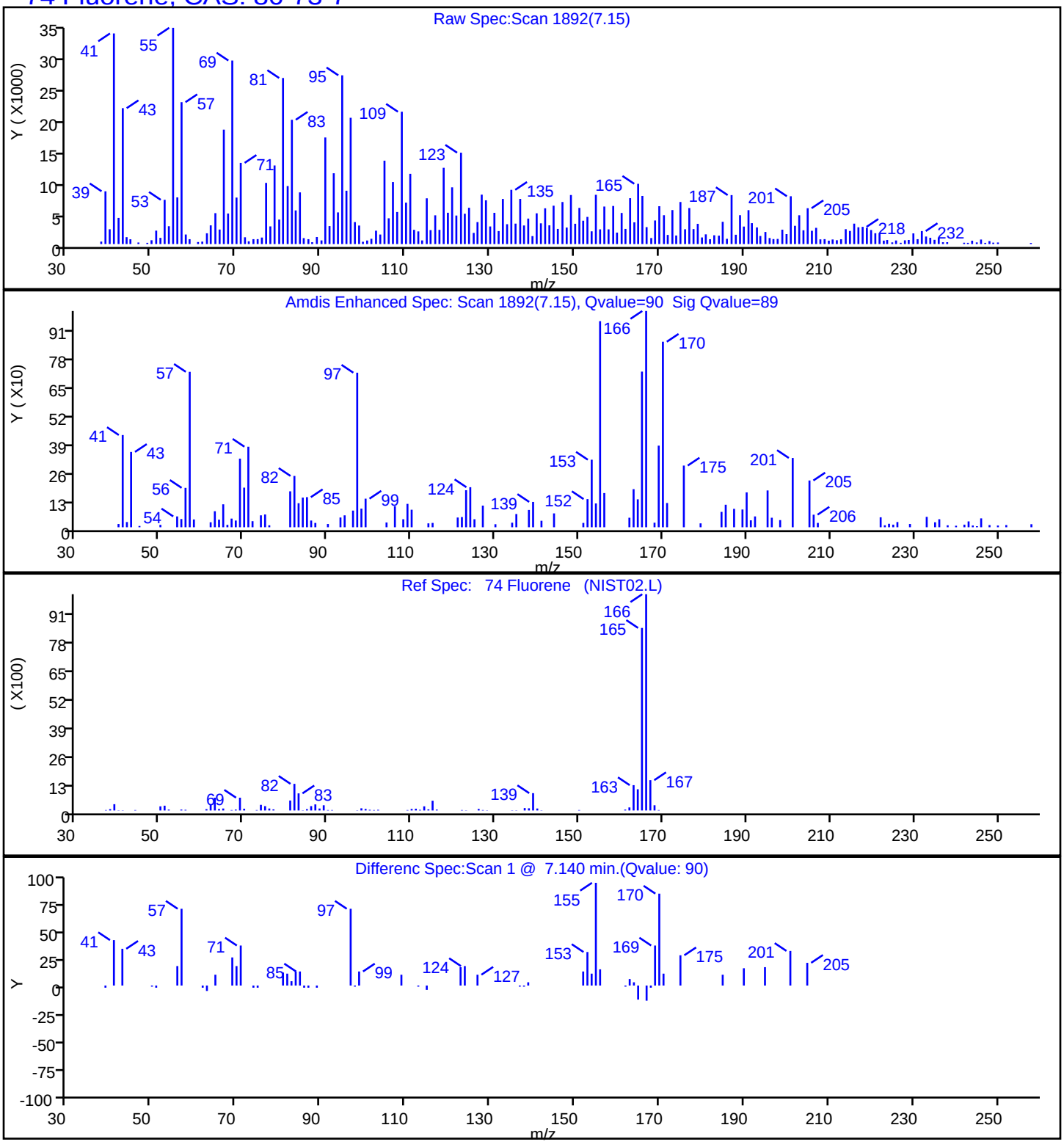


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Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20240822-179901.b\Z87915.d				
Injection Date:	22-Aug-2024 15:24:30	Instrument ID:	CBNAMS11		
Lims ID:	460-309671-F-2-B	Lab Sample ID:	460-309671-2		
Client ID:	20240815_UCS_INT-2-6.5-7				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	25
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

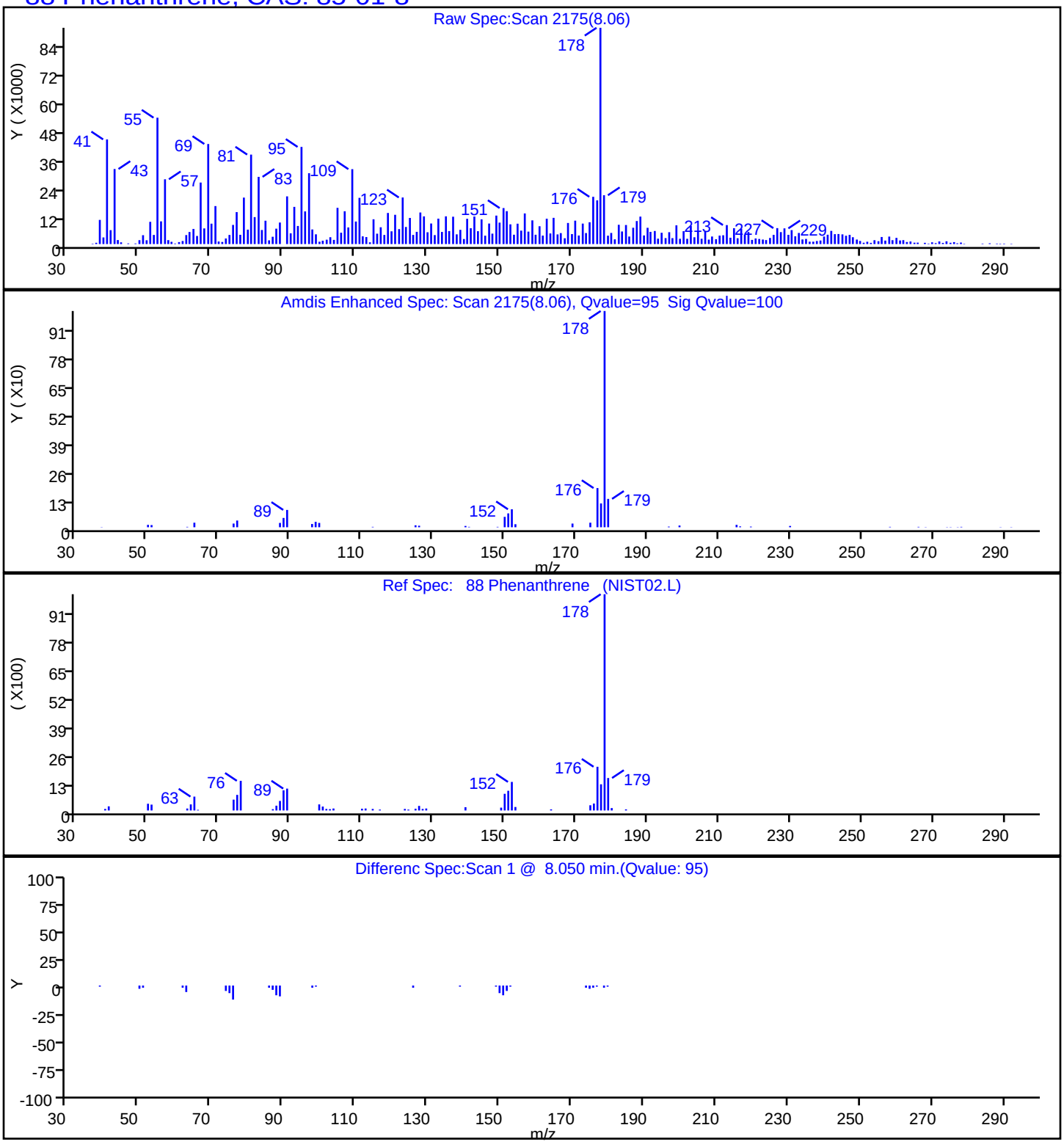
74 Fluorene, CAS: 86-73-7



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20240822-179901.b\Z87915.d				
Injection Date:	22-Aug-2024 15:24:30	Instrument ID:	CBNAMS11		
Lims ID:	460-309671-F-2-B	Lab Sample ID:	460-309671-2		
Client ID:	20240815_UCS_INT-2-6.5-7				
Operator ID:		ALS Bottle#:	25	Worklist Smp#:	25
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

88 Phenanthrene, CAS: 85-01-8

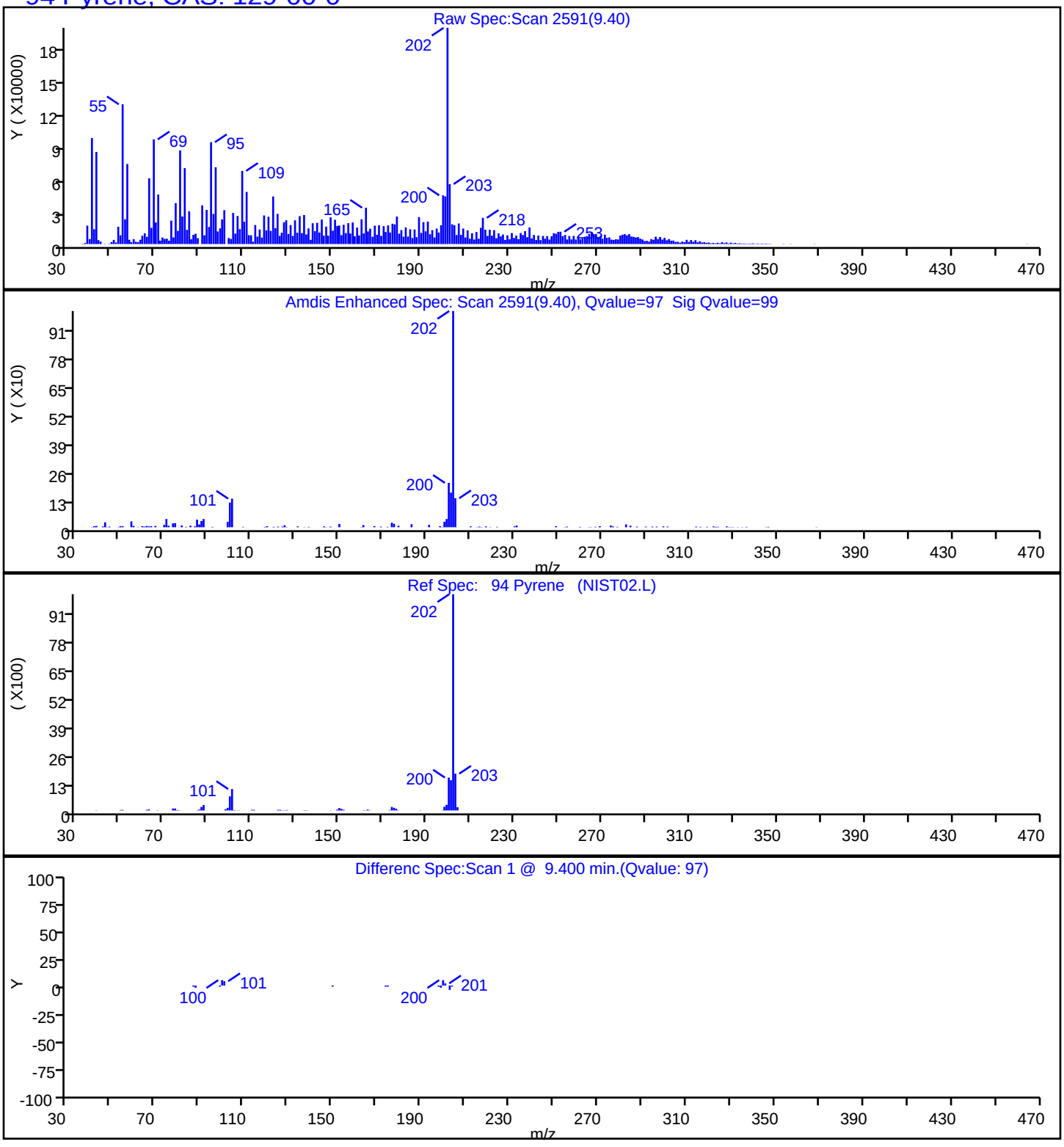


Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20240822-179901.b\Z87915.d

Injection Date:	22-Aug-2024 15:24:30	Instrument ID:	CBNAMS11
Lims ID:	460-309671-F-2-B	Lab Sample ID:	460-309671-2
Client ID:	20240815_UCS_INT-2-6.5-7		
Operator ID:		ALS Bottle#:	25 Worklist Smp#: 25
Injection Vol:	1.0 ul	Dil. Factor:	1.0000
Method:	8270_11R_9	Limit Group:	SV 8270E ICAL
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN

94 Pyrene, CAS: 129-00-0



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-309671-1

SDG No.:

Client Sample ID: 20240815_UCS_INT-3-7.5-8 | Lab Sample ID: 460-309671-3

Matrix: Solid | Lab File ID: f63030.D

Analysis Method: 8270E | Date Collected: 08/15/2024 10:05

Extract. Method: 3546 | Date Extracted: 08/31/2024 09:08

Sample wt/vol: 15.03(g) | Date Analyzed: 09/01/2024 18:27

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 23.6 % Solids: 76.4 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 993708 | Units: mg/Kg

Preparation Batch No.: 993561 | Instrument ID: CBNAMS15

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-12-7	Anthracene	0.042	J H	0.43	0.013
56-55-3	Benzo[a]anthracene	0.17	H	0.043	0.033
50-32-8	Benzo[a]pyrene	0.25	H	0.043	0.012
205-99-2	Benzo[b]fluoranthene	0.31	H	0.043	0.011
191-24-2	Benzo[g,h,i]perylene	0.18	J H	0.43	0.013
218-01-9	Chrysene	0.24	J H	0.43	0.018
86-73-7	Fluorene	0.023	J H	0.43	0.013
85-01-8	Phenanthrene	0.12	J H	0.43	0.018
129-00-0	Pyrene	0.32	J H	0.43	0.011

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	47		38-128
4165-60-0	Nitrobenzene-d5 (Surr)	45		31-120
1718-51-0	Terphenyl-d14 (Surr)	51		44-147

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20240901-180333.b\f63030.D
Lims ID: 460-309671-E-3-B
Client ID: 20240815_UCS_INT-3-7.5-8
Sample Type: Client
Inject. Date: 01-Sep-2024 18:27:12 ALS Bottle#: 0 Worklist Smp#: 22
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0180333-022
Operator ID: Instrument ID: CBNAMS15

Method: \\chromfs\Edison\ChromData\CBNAMS15\20240901-180333.b\8270_15R_9.m
Limit Group: SV 8270E ICAL
Last Update: 02-Sep-2024 14:58:23 Calib Date: 30-Jul-2024 14:30:00
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20240730-179025.b\f62120.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1635

First Level Reviewer: C8UP Date: 02-Sep-2024 14:58:23

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	Flags
* 15 1,4-Dichlorobenzene-d4	152	3.307	3.307	0.000	94	400304	40.0	
$ 26 Nitrobenzene-d5	82	3.718	3.730	-0.012	87	293717	22.3	
* 36 Naphthalene-d8	136	4.271	4.277	-0.006	99	1505041	40.0	
$ 50 2-Fluorobiphenyl	172	5.112	5.130	-0.006	97	699284	23.5	
* 61 Acenaphthene-d10	164	5.612	5.613	-0.001	96	813240	40.0	
70 Fluorene	166	6.024	6.030	-0.006	59	7401	0.2651	
* 83 Phenanthrene-d10	188	6.724	6.724	0.000	99	1491509	40.0	
84 Phenanthrene	178	6.742	6.742	-0.006	70	54466	1.42	
85 Anthracene	178	6.777	6.777	-0.006	83	18846	0.4768	
91 Pyrene	202	7.801	7.784	0.006	95	135690	3.64	
$ 93 Terphenyl-d14	244	7.936	7.930	0.006	97	830379	25.4	
100 Benzo[a]anthracene	228	8.759	8.742	0.017	31	72806	1.95	
* 98 Chrysene-d12	240	8.765	8.754	0.011	98	1158762	40.0	
101 Chrysene	228	8.789	8.765	0.012	74	100118	2.73	
104 Benzo[b]fluoranthene	252	9.789	9.742	0.036	91	119084	3.59	
106 Benzo[a]pyrene	252	10.118	10.118	0.041	39	86987	2.84	a
* 107 Perylene-d12	264	10.177	10.136	0.041	99	1271831	40.0	
110 Benzo[g,h,i]perylene	276	11.547	11.506	0.041	55	69202	2.05	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

SM_ISTD_00197 Amount Added: 20.00 Units: uL Run Reagent

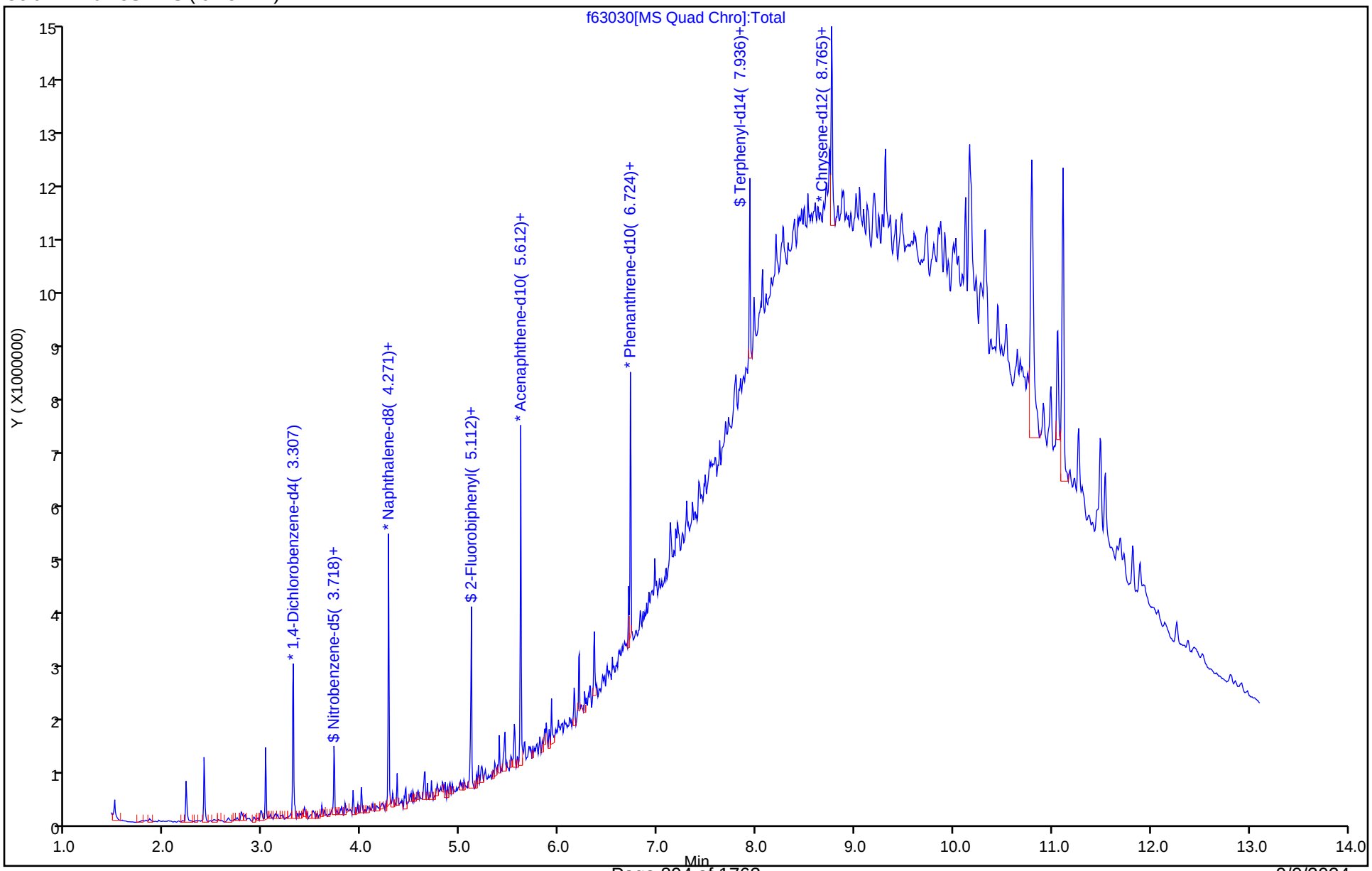
Report Date: 02-Sep-2024 14:58:23 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20240901-180333.b\f63030.D

Injection Date:	01-Sep-2024 18:27:12	Instrument ID:	CBNAMS15	Operator ID:	
Lims ID:	460-309671-E-3-B	Lab Sample ID:	460-309671-3	Worklist Smp#:	22
Client ID:	20240815_UCS_INT-3-7.5-8				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)

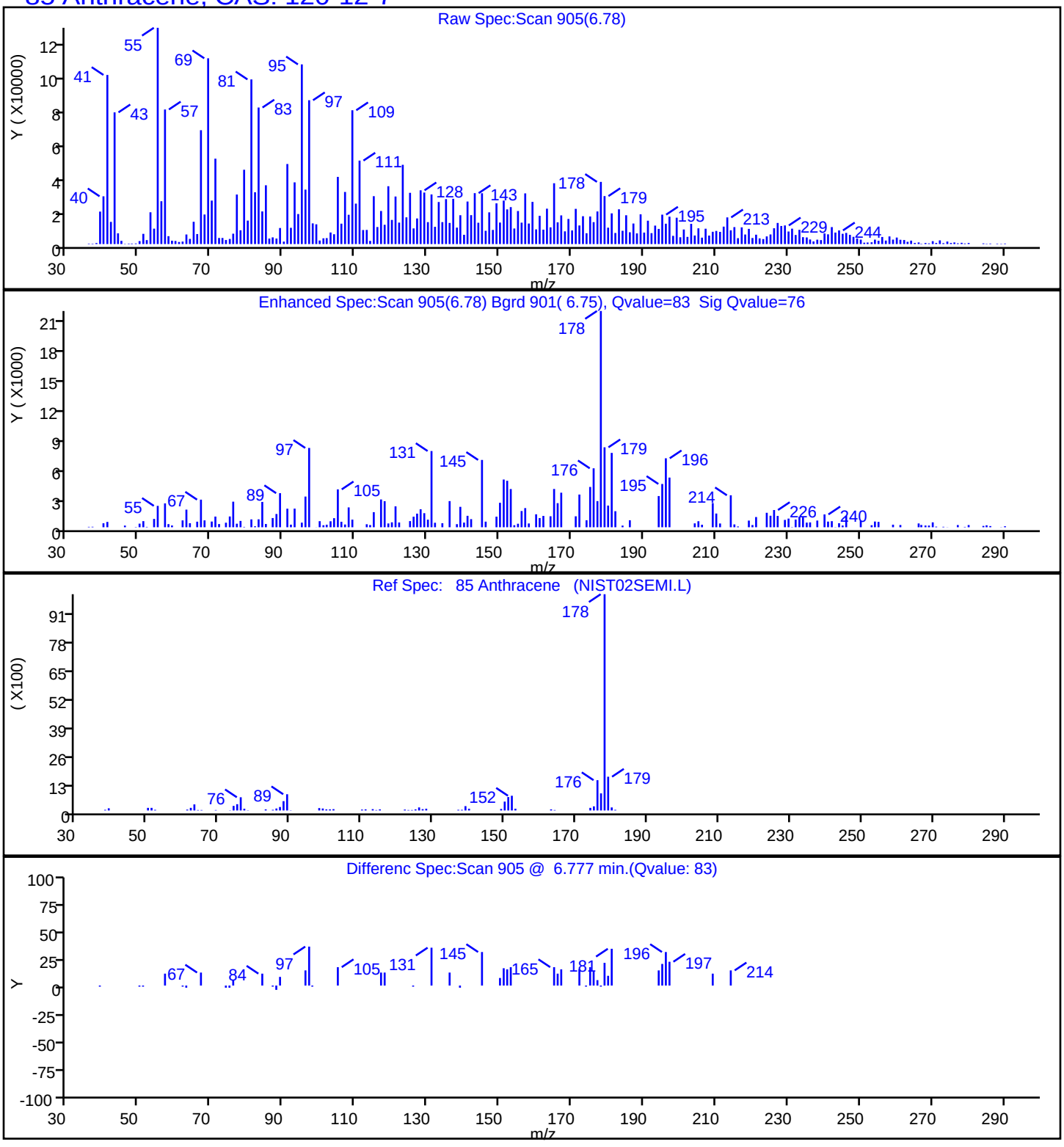


9/9/2024
1:05:41 PM

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20240901-180333.b\f63030.D				
Injection Date:	01-Sep-2024 18:27:12	Instrument ID:	CBNAMS15		
Lims ID:	460-309671-E-3-B	Lab Sample ID:	460-309671-3		
Client ID:	20240815_UCS_INT-3-7.5-8				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

85 Anthracene, CAS: 120-12-7



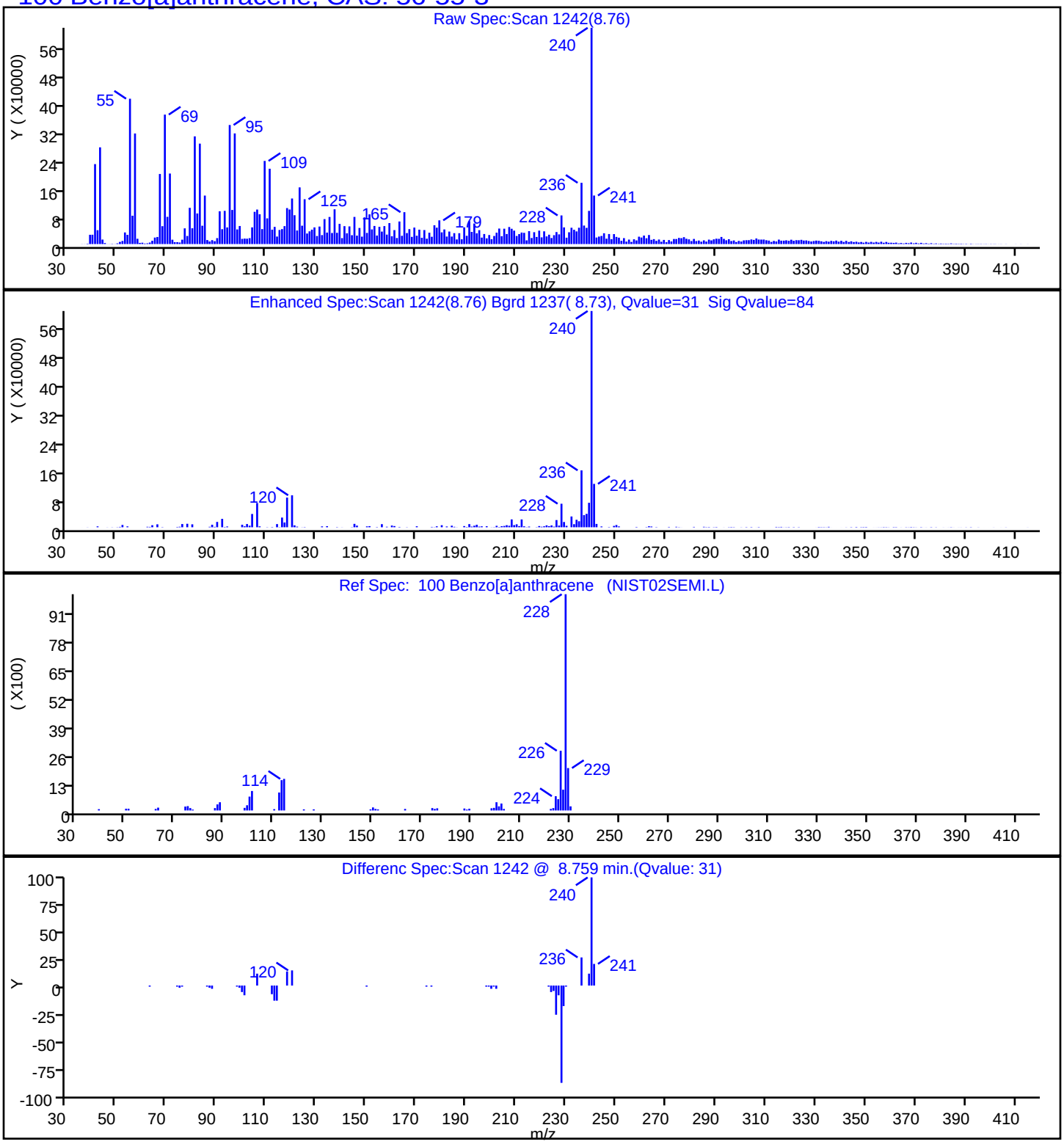
Report Date: 02-Sep-2024 14:58:23 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20240901-180333.b\f63030.D

Injection Date:	01-Sep-2024 18:27:12	Instrument ID:	CBNAMS15		
Lims ID:	460-309671-E-3-B	Lab Sample ID:	460-309671-3		
Client ID:	20240815_UCS_INT-3-7.5-8				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

100 Benzo[a]anthracene, CAS: 56-55-3

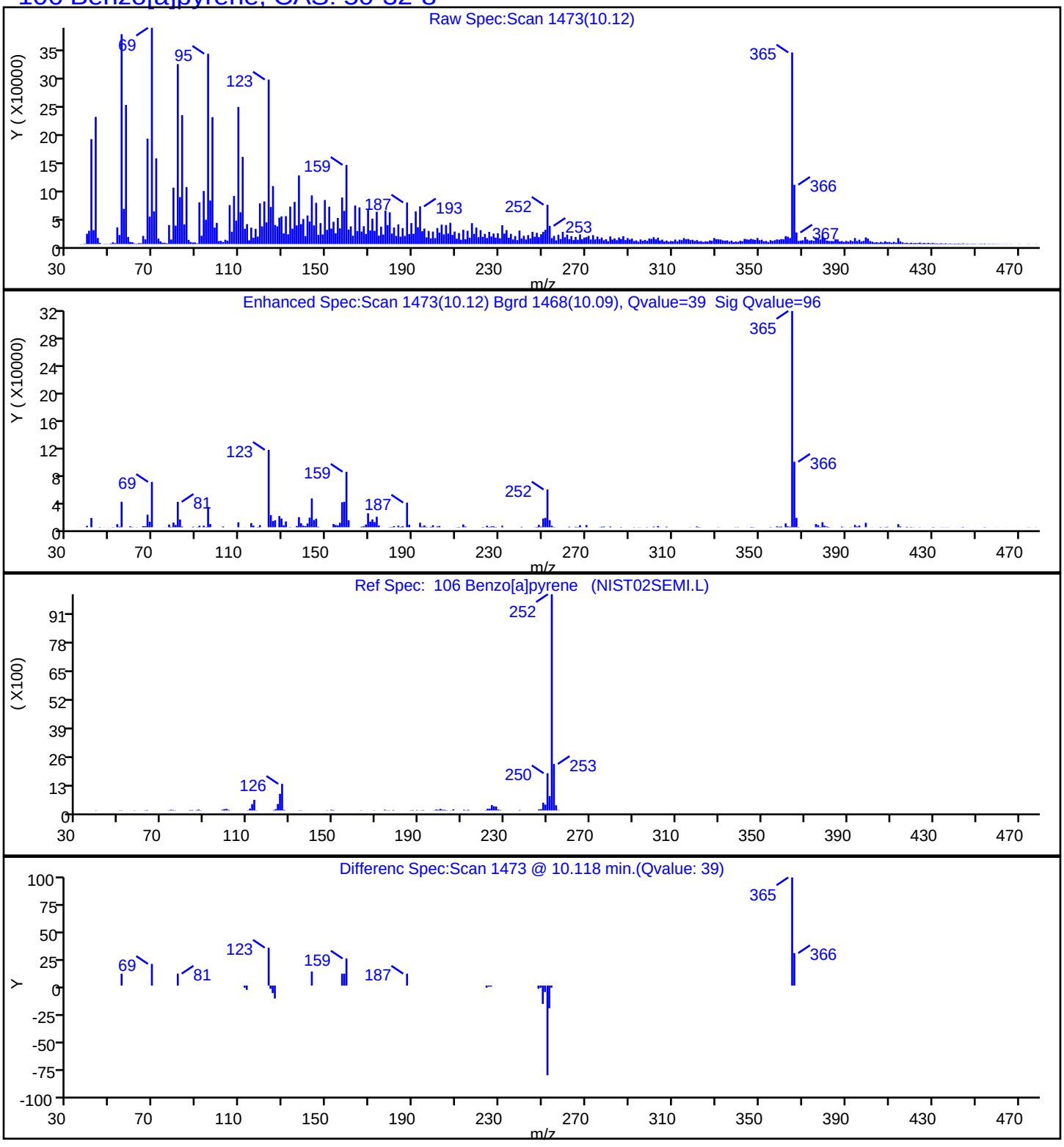


9/9/2024
1:05:41 PM

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20240901-180333.b\f63030.D				
Injection Date:	01-Sep-2024 18:27:12	Instrument ID:	CBNAMS15		
Lims ID:	460-309671-E-3-B	Lab Sample ID:	460-309671-3		
Client ID:	20240815_UCS_INT-3-7.5-8				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

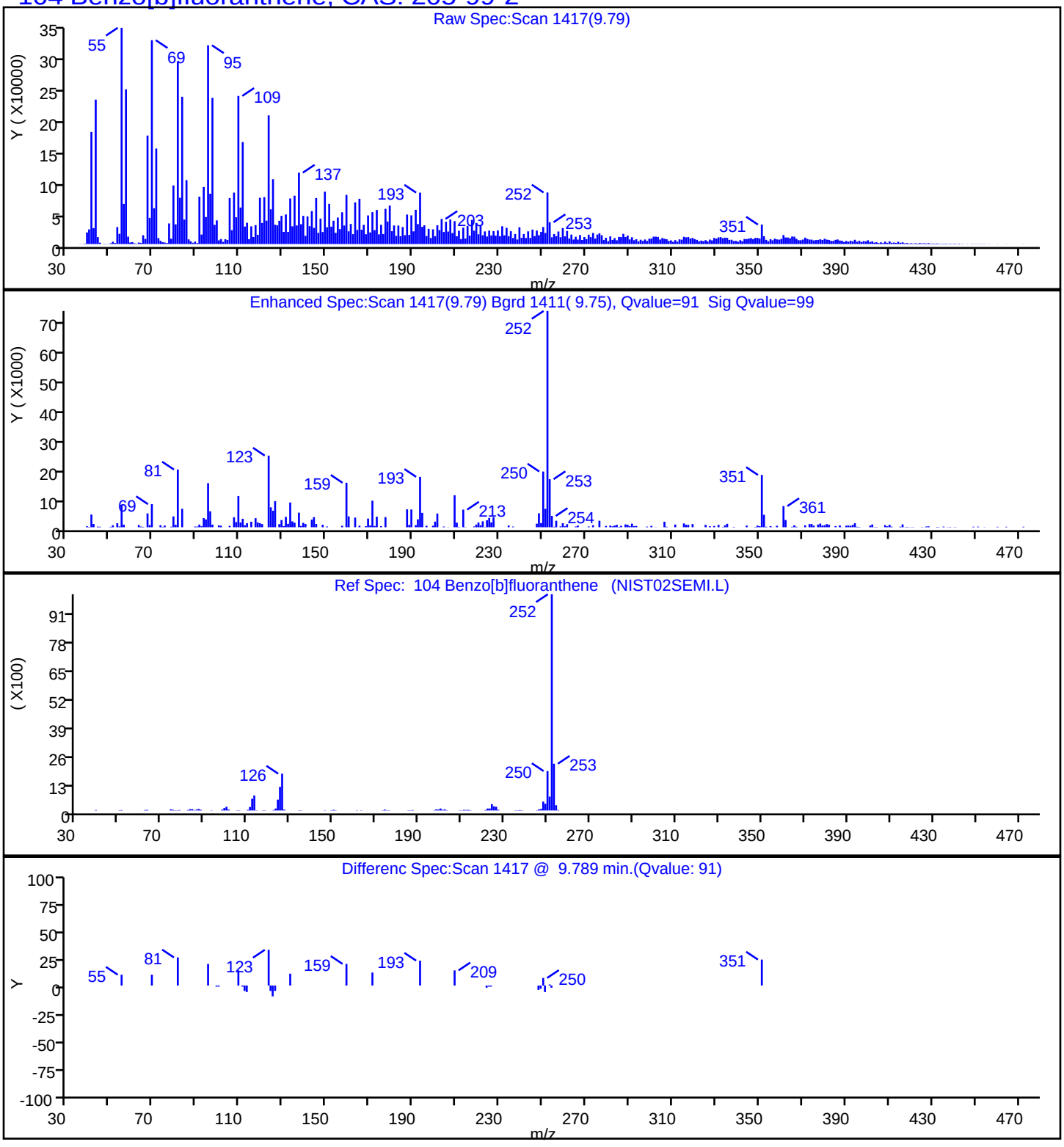
106 Benzo[a]pyrene, CAS: 50-32-8



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20240901-180333.b\f63030.D				
Injection Date:	01-Sep-2024 18:27:12	Instrument ID:	CBNAMS15		
Lims ID:	460-309671-E-3-B	Lab Sample ID:	460-309671-3		
Client ID:	20240815_UCS_INT-3-7.5-8				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

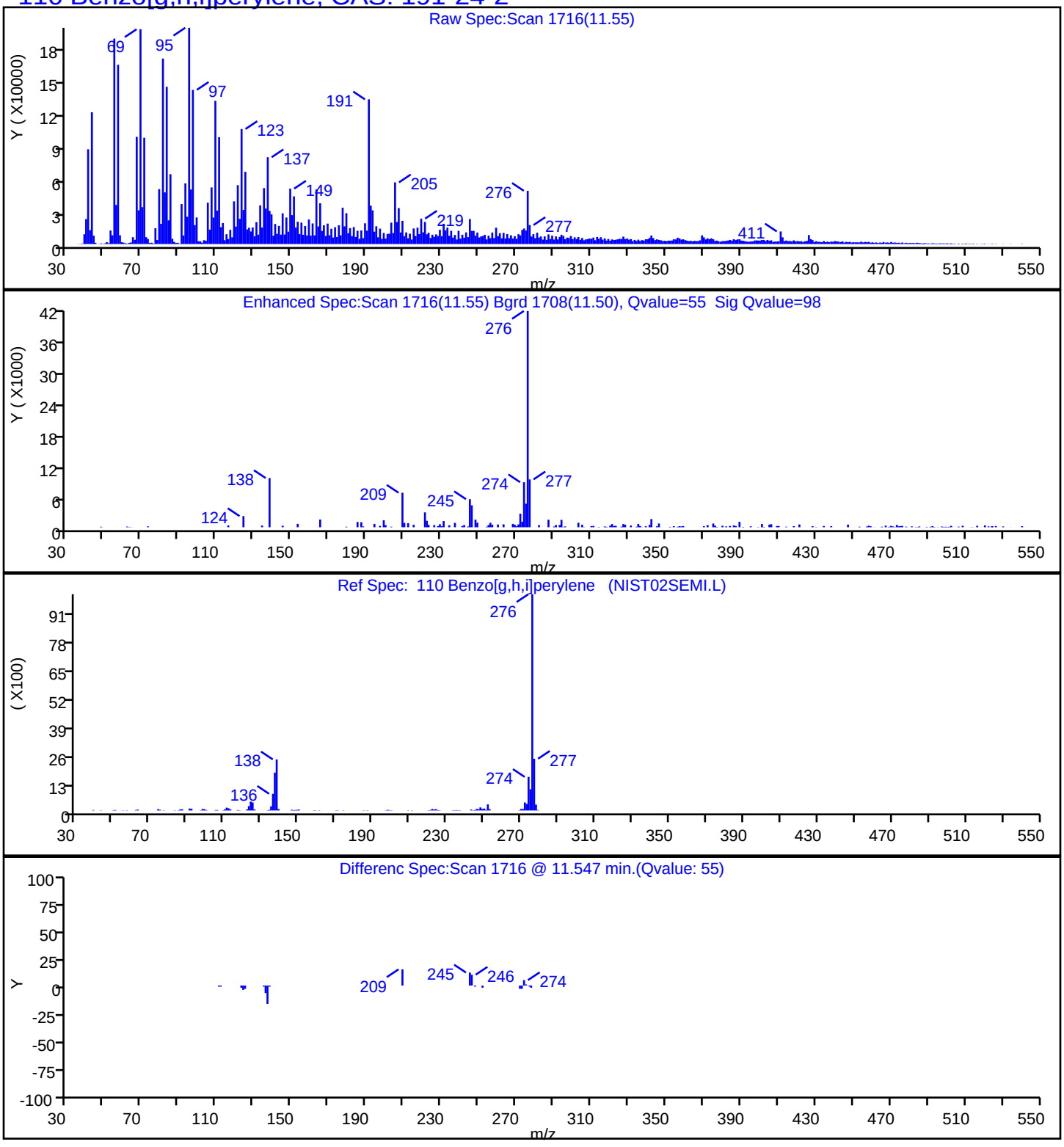
104 Benzo[b]fluoranthene, CAS: 205-99-2



Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20240901-180333.b\f63030.D				
Injection Date:	01-Sep-2024 18:27:12	Instrument ID:	CBNAMS15		
Lims ID:	460-309671-E-3-B	Lab Sample ID:	460-309671-3		
Client ID:	20240815_UCS_INT-3-7.5-8				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

110 Benzo[g,h,i]perylene, CAS: 191-24-2



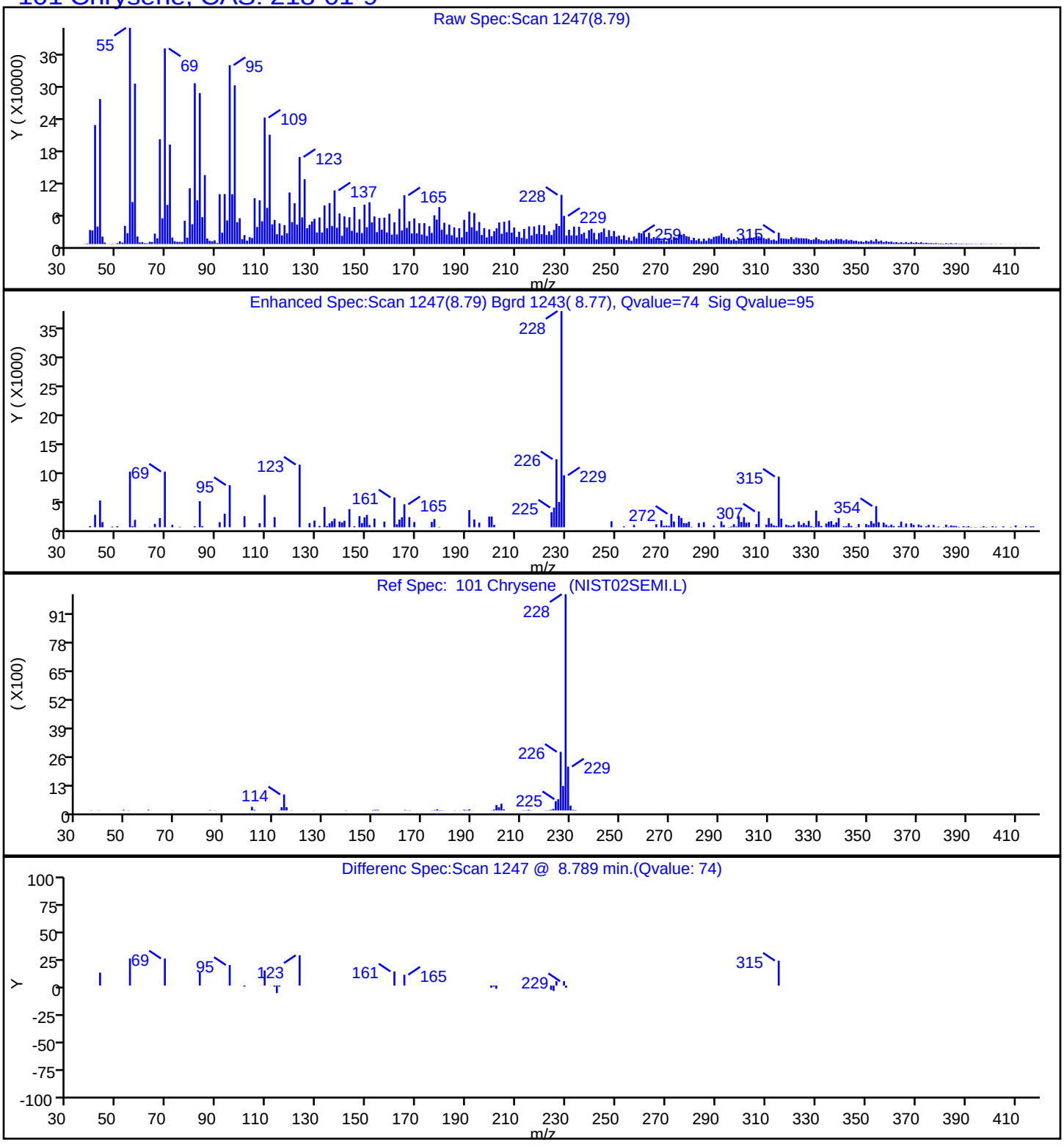
Report Date: 02-Sep-2024 14:58:23 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20240901-180333.b\f63030.D

Injection Date:	01-Sep-2024 18:27:12	Instrument ID:	CBNAMS15
Lims ID:	460-309671-E-3-B	Lab Sample ID:	460-309671-3
Client ID:	20240815_UCS_INT-3-7.5-8		
Operator ID:		ALS Bottle#:	0 Worklist Smp#: 22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN

101 Chrysene, CAS: 218-01-9

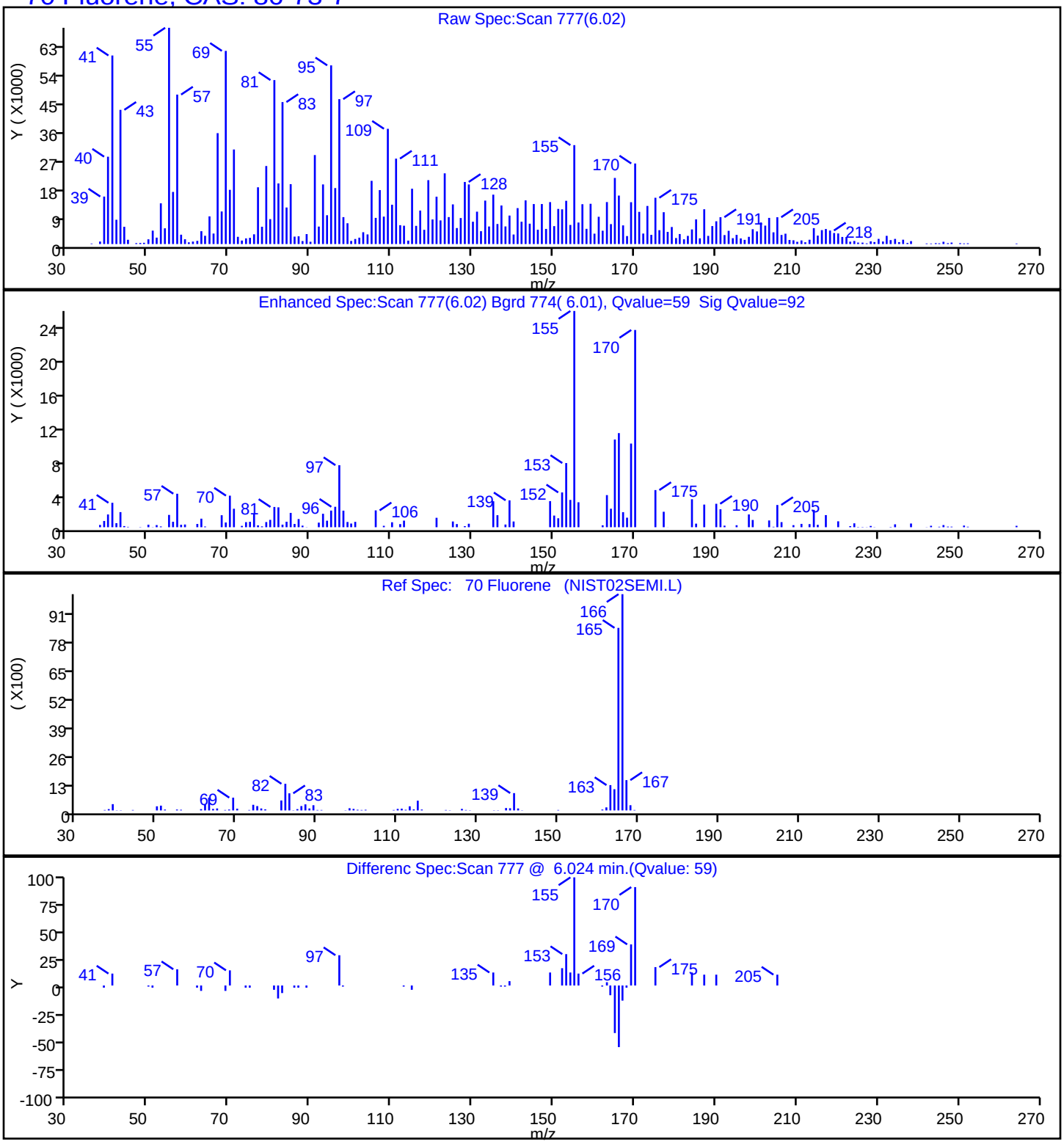


9/9/2024
1:05:41 PM

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20240901-180333.b\f63030.D
Injection Date: 01-Sep-2024 18:27:12 Instrument ID: CBNAMS15
Lims ID: 460-309671-E-3-B Lab Sample ID: 460-309671-3
Client ID: 20240815_UCS_INT-3-7.5-8
Operator ID: ALS Bottle#: 0 Worklist Smp#: 22
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_15R_9 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

70 Fluorene, CAS: 86-73-7



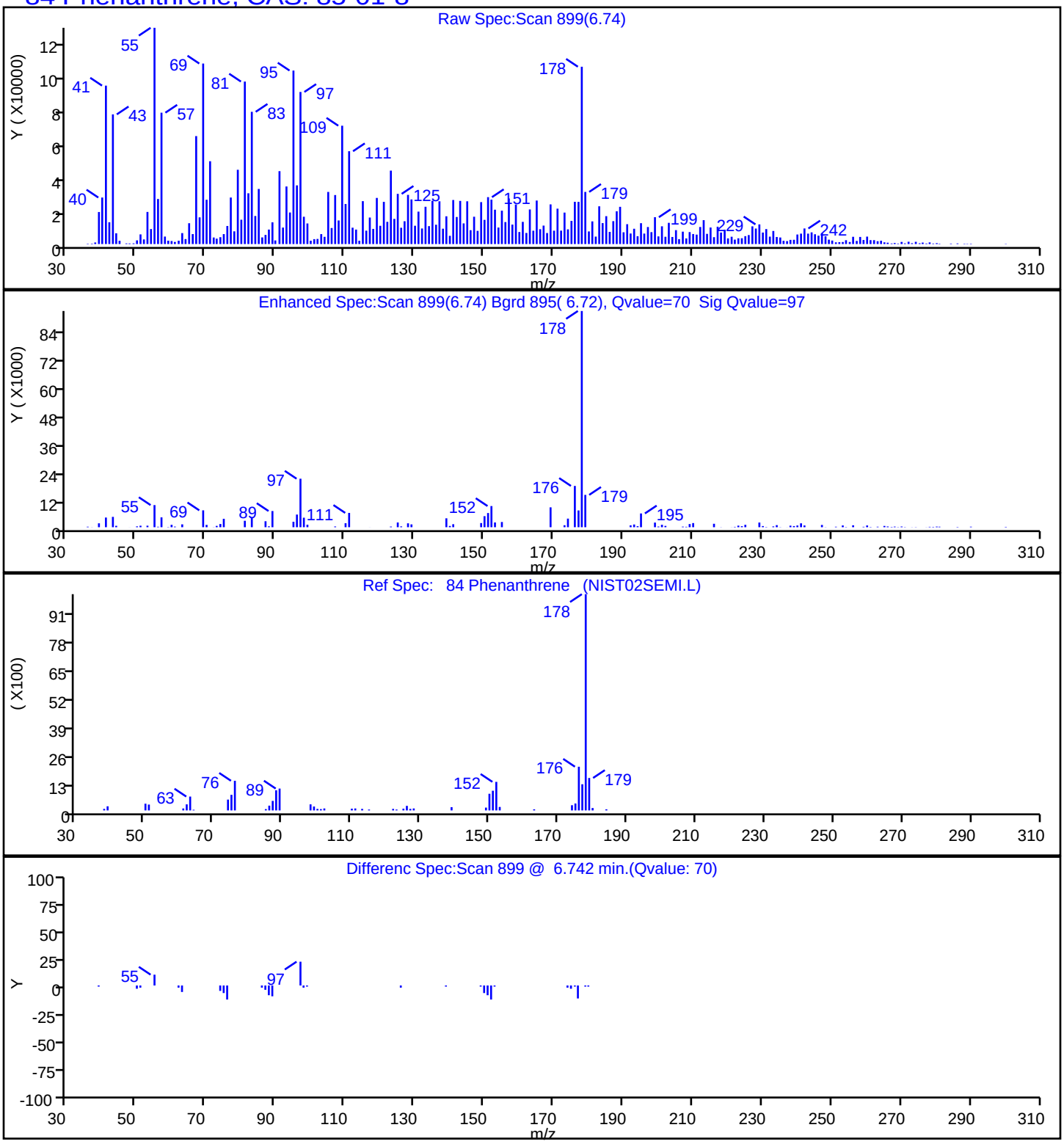
Report Date: 02-Sep-2024 14:58:23 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20240901-180333.b\f63030.D

Injection Date:	01-Sep-2024 18:27:12	Instrument ID:	CBNAMS15		
Lims ID:	460-309671-E-3-B	Lab Sample ID:	460-309671-3		
Client ID:	20240815_UCS_INT-3-7.5-8				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

84 Phenanthrene, CAS: 85-01-8

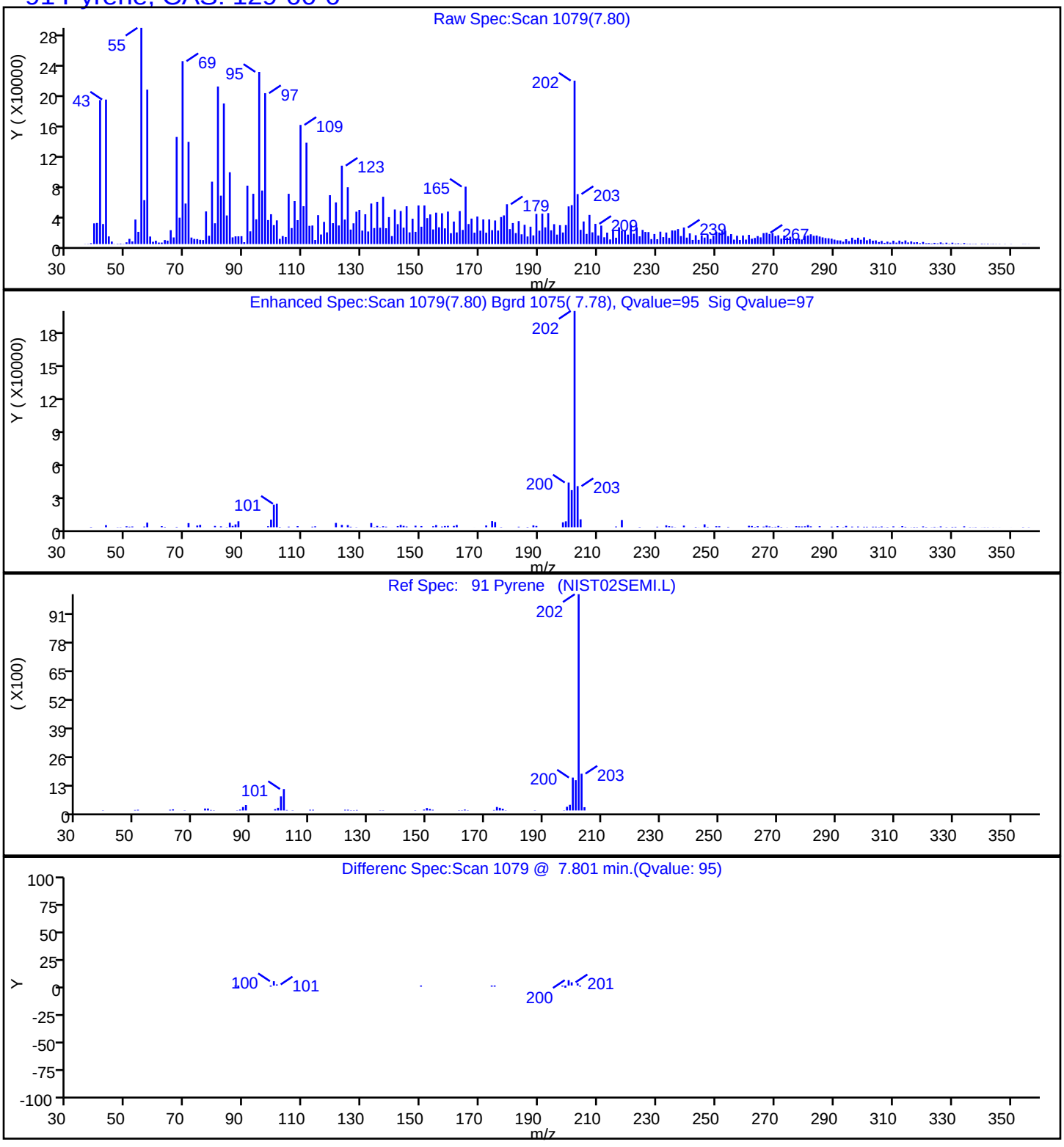


9/9/2024
1:05:41 PM

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20240901-180333.b\f63030.D				
Injection Date:	01-Sep-2024 18:27:12	Instrument ID:	CBNAMS15		
Lims ID:	460-309671-E-3-B	Lab Sample ID:	460-309671-3		
Client ID:	20240815_UCS_INT-3-7.5-8				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

91 Pyrene, CAS: 129-00-0



Manual Integration/User Assign Peak Report

Eurofins Edison

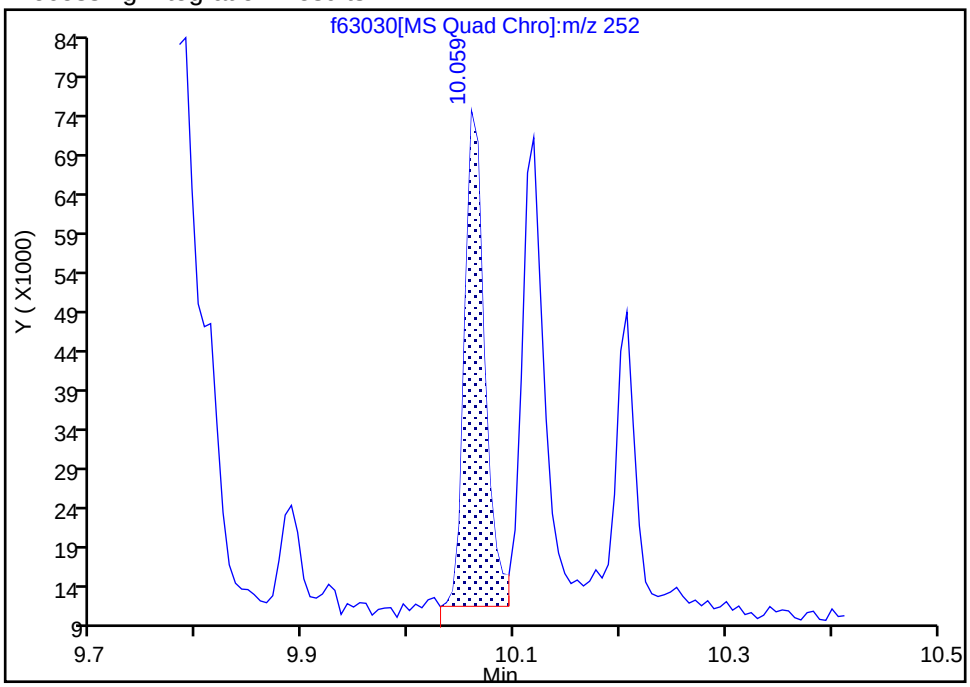
Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20240901-180333.b\f63030.D				
Injection Date:	01-Sep-2024 18:27:12	Instrument ID:	CBNAMS15		
Lims ID:	460-309671-E-3-B	Lab Sample ID:	460-309671-3		
Client ID:	20240815_UCS_INT-3-7.5-8				
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	22
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

106 Benzo[a]pyrene, CAS: 50-32-8

Signal: 1

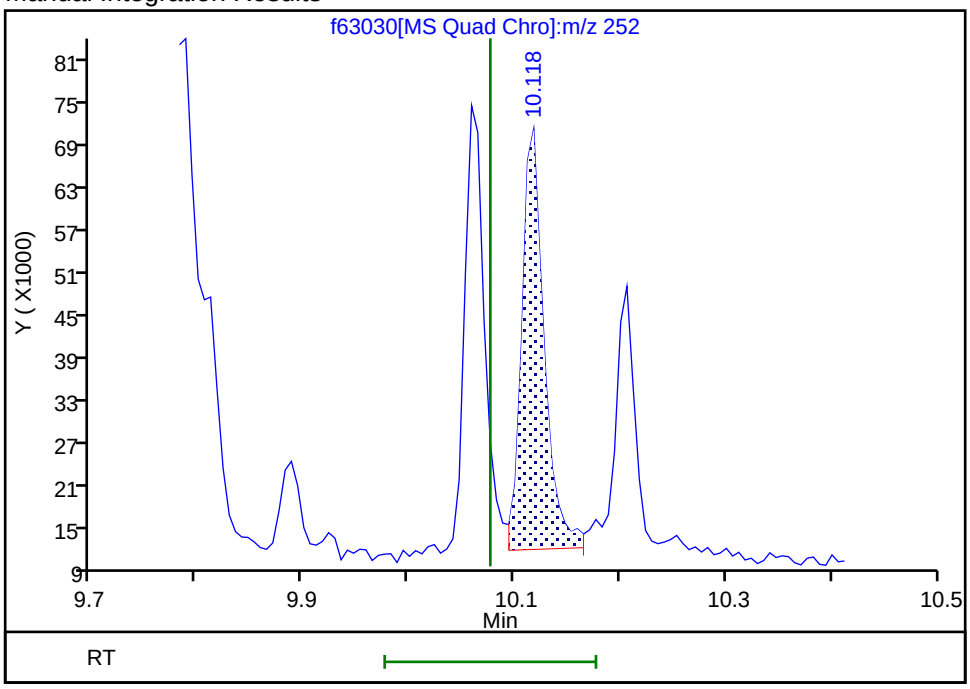
Processing Integration Results

RT: 10.06
Area: 84036
Amount: 2.747527
Amount Units: ug/ml



Manual Integration Results

RT: 10.12
Area: 86987
Amount: 2.844009
Amount Units: ug/ml



Reviewer: C8UP, 02-Sep-2024 14:58:09 07:00:00 (UTC)

Audit Action: Assigned Compound ID Audit Reason: Assign Peak

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-309671-1 Analy Batch No.: 989449

SDG No.:

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/08/2024 07:31 Calibration End Date: 08/08/2024 10:31 Calibration ID: 98285

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD05 460-989449/10	Z87626.d
Level 2	STD1 460-989449/9	Z87625.d
Level 3	STD2 460-989449/8	Z87624.d
Level 4	STD5 460-989449/7	Z87623.d
Level 5	STD10 460-989449/6	Z87622.d
Level 6	STD20 460-989449/5	Z87621.d
Level 7	ICIS 460-989449/2	Z87618.d
Level 8	STD80 460-989449/4	Z87620.d
Level 9	STD120 460-989449/3	Z87619.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,4-Dioxane	0.4183 0.4695	0.4086 0.4559	0.4220 0.4406	0.4399 0.4506	0.4611	Ave		0.4407			0.0100	4.7		20.0			
N-Nitrosodimethylamine	0.6587	0.6858	0.6743	0.6101 0.7037	0.6563	Ave		0.6648			0.0100	4.8		20.0			
Pyridine	1.1173	0.9902 1.0738	1.0958 1.0871	1.0217 1.1105	1.0753	Ave		1.0715			0.0100	4.1		20.0			
Benzaldehyde	0.9818	0.8775 +++++	1.0259 +++++	1.0677 +++++	1.0766	Ave		1.0059			0.0100	8.1		20.0			
Phenol	1.7748	1.7443	1.6556	1.7244 1.6830	1.8159	Ave		1.7330			0.8000	3.4		20.0			
Aniline	1.9692	1.8958	1.8076	1.9369 1.7867	1.9643	Ave		1.8934			0.0100	4.2		20.0			
Bis(2-chloroethyl)ether	1.0061 1.2292	1.2558 1.2262	1.2633 1.1858	1.2384 1.2205	1.2306	Ave		1.2062			0.7000	6.5		20.0			
2-Chlorophenol	1.4002	1.3924	1.3340	1.3332 1.3674	1.3596	Ave		1.3645			0.8000	2.1		20.0			
n-Decane	1.2994	1.2358	1.1658	1.2724 1.1579	1.3033	Ave		1.2391			0.0100	5.2		20.0			
1,3-Dichlorobenzene	1.5254	1.4945	1.4423	1.5164 1.4551	1.5323	Ave		1.4943			0.0100	2.5		20.0			
1,4-Dichlorobenzene	1.5766	1.5390	1.4623	1.5571 1.4710	1.5914	Ave		1.5329			0.0100	3.5		20.0			
Benzyl alcohol	0.8739	0.8800	0.8408	0.7984 0.8726	0.8828	Ave		0.8581			0.0100	3.8		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-309671-1 Analy Batch No.: 989449

SDG No.:

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/08/2024 07:31 Calibration End Date: 08/08/2024 10:31 Calibration ID: 98285

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,2-Dichlorobenzene	1.4980	1.4498	1.3933	1.4973 1.3710	1.4954	Ave		1.4508			0.0100	3.9		20.0			
2-Methylphenol	1.1976	1.1942	1.1310	1.1412 1.1781	1.2108	Ave		1.1755			0.7000	2.8		20.0			
2,2'-oxybis[1-chloropropane]	1.6676	1.6317	1.5264	1.6754 1.4945	1.6986	Ave		1.6157			0.0100	5.3		20.0			
N-Methylaniline	2.0119	2.0630	1.9663	2.0150 2.0309	2.0596	Ave		2.0244			0.0100	1.8		20.0			
Acetophenone	1.9060	1.8822	1.7506	1.8788 1.8142	1.9112	Ave		1.8572			0.0100	3.4		20.0			
N-Nitrosodi-n-propylamine	0.8423 0.9387	0.8994 0.9502	0.8914 0.8894	0.8999 0.9370	0.9565	Ave		0.9116			0.5000	4.0		20.0			
3 & 4 Methylphenol	1.2991	1.2789	1.2123	1.2462 1.2751	1.2981	Ave		1.2683			0.0100	2.6		20.0			
4-Methylphenol	1.2991	1.2789	1.2123	1.2462 1.2751	1.2981	Ave		1.2683			0.6000	2.6		20.0			
Hexachloroethane	0.5055 0.5392	0.5090 0.5417	0.5272 0.5190	0.5295 0.5335	0.5244	Ave		0.5255			0.3000	2.4		20.0			
n,n'-Dimethylaniline	1.9878 2.0635	2.0855 2.0674	2.1595 1.9381	2.1019 1.9903	2.1223	Ave		2.0574			0.0100	3.5		20.0			
Nitrobenzene	0.5992 0.6706	0.5935 0.6716	0.6565 0.6442	0.6718 0.6519	0.6727	Ave		0.6480			0.2000	4.8		20.0			
Isophorone	0.6598	0.6479	0.6686 0.6187	0.6541 0.6389	0.6613	Ave		0.6499			0.4000	2.6		20.0			
2-Nitrophenol	0.1986	0.1984	0.1940	0.1867 0.2007	0.1942	Ave		0.1954			0.1000	2.6		20.0			
2,4-Dimethylphenol	0.2697	0.2557	0.2552	0.2575 0.2628	0.2587	Ave		0.2600			0.2000	2.1		20.0			
Bis(2-chloroethoxy)methane	0.4140	0.4041	0.3826	0.4098 0.3918	0.4091	Ave		0.4019			0.3000	3.0		20.0			
Benzoic acid	0.1795	0.2150	0.2326	0.1174 0.2424	0.1624	Lin2	-0.612	0.2314			0.0100				0.9940		0.9900
2,4-Dichlorophenol	0.3111	0.3101	0.2971 0.2970	0.2976 0.3036	0.3069	Ave		0.3033			0.2000	2.0		20.0			
1,2,4-Trichlorobenzene	0.3416 0.3523	0.3430 0.3434	0.3528 0.3294	0.3507 0.3322	0.3451	Ave		0.3434			0.0100	2.4		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-309671-1 Analy Batch No.: 989449

SDG No.:

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/08/2024 07:31 Calibration End Date: 08/08/2024 10:31 Calibration ID: 98285

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Naphthalene	1.0615	1.0304	0.9590	1.0807 0.9518	1.0697	Ave		1.0255			0.7000	5.5		20.0			
2,6-Dichlorophenol	0.3101	0.3039	0.2993 0.2898	0.3040 0.2938	0.3061	Ave		0.3010				2.4		20.0			
4-Chloroaniline	0.4480	0.4307	0.4087	0.4471 0.4079	0.4465	Ave		0.4315			0.0100	4.4		20.0			
Hexachlorobutadiene	0.2149	0.2148 0.2073	0.2118 0.2000	0.2078 0.2029	0.2123	Ave		0.2090			0.0100	2.6		20.0			
Caprolactam	0.1519	0.1109 0.1606	0.1433 0.1795	0.1498 0.1907	0.1527	Ave		0.1549			0.0100	15.5		20.0			
4-Chloro-3-methylphenol	0.2862	0.2938	0.2797	0.2833 0.2906	0.2894	Ave		0.2872			0.2000	1.8		20.0			
2-Methylnaphthalene	0.7157	0.6939	0.6500	0.7220 0.6568	0.7235	Ave		0.6937			0.4000	4.8		20.0			
1-Methylnaphthalene	0.6553	0.6371	0.5999	0.6796 0.6045	0.6610	Ave		0.6396			0.0100	5.0		20.0			
Hexachlorocyclopentadiene	0.2953	0.2874	0.3036	0.2310 0.2927	0.2747	Ave		0.2808			0.0500	9.3		20.0			
1,2,4,5-Tetrachlorobenzene	0.6618	0.6463	0.6263	0.6618 0.6365	0.6673	Ave		0.6500			0.0100	2.5		20.0			
2-tertbutyl-4-methylphenol	0.4418	0.4480	0.4242	0.4381 0.4354	0.4446	Ave		0.4387			0.0100	1.9		20.0			
2,4,6-Trichlorophenol	0.4212	0.4179	0.3854 0.4211	0.3977 0.4360	0.4128	Ave		0.4132			0.2000	4.1		20.0			
2,4,5-Trichlorophenol	0.4700	0.4610	0.4529	0.4638 0.4732	0.4703	Ave		0.4652			0.2000	1.6		20.0			
1,1'-Biphenyl	1.5549	1.4821	1.3773	1.5741 1.3517	1.5815	Ave		1.4869			0.0100	6.8		20.0			
2-Chloronaphthalene	1.2132	1.1826	1.1276	1.2286 1.1236	1.2312	Ave		1.1845			0.8000	4.1		20.0			
Phenyl ether	0.8831	0.8807	0.8453	0.9114 0.8443	0.9107	Ave		0.8793			0.0100	3.4		20.0			
2-Nitroaniline	0.3422	0.3363	0.3227	0.3451 0.3360	0.3444	Ave		0.3378			0.0100	2.5		20.0			
1,3-Dimethylnaphthalene	0.9694	0.9614	0.9194	0.9894 0.9433	0.9803	Ave		0.9605			0.0100	2.7		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-309671-1 Analy Batch No.: 989449

SDG No.:

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/08/2024 07:31 Calibration End Date: 08/08/2024 10:31 Calibration ID: 98285

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Coumarin	0.2627	0.2698	0.2587	0.2731 0.2754	0.2732	Ave		0.2688			0.0100	2.5		20.0			
Dimethyl phthalate	1.3948	1.3462	1.2901	1.4282 1.3295	1.4434	Ave		1.3720			0.0100	4.4		20.0			
2,6-Dinitrotoluene	0.3211	0.2737 0.3226	0.2952 0.3165	0.3141 0.3308	0.3279	Ave		0.3127			0.2000	6.1		20.0			
Acenaphthylene	1.8464	1.7797	1.7092	1.8582 1.7321	1.8960	Ave		1.8036			0.9000	4.1		20.0			
3-Nitroaniline	0.3901	0.3765	0.3720	0.3987 0.3870	0.4062	Ave		0.3884			0.0100	3.3		20.0			
Acenaphthene	1.1299	1.0716	1.0241	1.1339 1.0417	1.1480	Ave		1.0916			0.9000	4.8		20.0			
3,5-di-tert-butyl-4-hydroxytol	1.0612	1.0673	1.0255	0.8786 1.0677	1.0186	Ave		1.0198			0.0100	7.1		20.0			
2,4-Dinitrophenol	0.1805	0.2015	0.0638 0.2168	0.1294 0.2320	0.1599	Lin2	-0.624	0.2088			0.0100				0.9910		0.9900
4-Nitrophenol	0.2148	0.2154	0.2210	0.1900 0.2281	0.2134	Ave		0.2138			0.0100	6.0		20.0			
Dibenzofuran	1.7616	1.6893	1.6123	1.7955 1.6146	1.8056	Ave		1.7132			0.8000	5.1		20.0			
2,4-Dinitrotoluene	0.4361	0.3656 0.4375	0.4086 0.4266	0.4399 0.4521	0.4415	Ave		0.4260			0.2000	6.5		20.0			
2,3,4,6-Tetrachlorophenol	0.3888	0.3962	0.3897	0.3782 0.4115	0.4015	Ave		0.3943			0.0100	2.9		20.0			
Diethyl phthalate	1.3410	1.3236	1.3340	1.4450 1.3083	1.3913	Ave		1.3572			0.0100	3.8		20.0			
Fluorene	1.3839	1.3326	1.2723	1.4189 1.2904	1.4210	Ave		1.3532			0.9000	4.8		20.0			
4-Chlorophenyl phenyl ether	0.7109	0.7020	0.6677	0.7362 0.6760	0.7160	Ave		0.7015			0.4000	3.7		20.0			
4-Nitroaniline	0.3429	0.3408	0.3462	0.3397 0.3659	0.3502	Ave		0.3476			0.0100	2.8		20.0			
4,6-Dinitro-2-methylphenol	0.1409	0.1451	0.0937 0.1457	0.1235 0.1500	0.1350	Ave		0.1334			0.0100	14.7		20.0			
N-Nitrosodiphenylamine	0.5195	0.5090	0.4830	0.5259 0.4840	0.5228	Ave		0.5074			0.0100	3.8		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-309671-1 Analy Batch No.: 989449

SDG No.:

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/08/2024 07:31 Calibration End Date: 08/08/2024 10:31 Calibration ID: 98285

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,2-Diphenylhydrazine	0.6488	0.6218	0.5891	0.6539 0.5976	0.6419	Ave		0.6255			0.0100	4.4		20.0			
Azobenzene	0.6477	0.6214	0.5884	0.6486 0.5974	0.6404	Ave		0.6240				4.2		20.0			
4-Bromophenyl phenyl ether	0.2407	0.2364	0.2311	0.2396 0.2309	0.2384	Ave		0.2362			0.1000	1.8		20.0			
Hexachlorobenzene	0.2987 0.3230	0.3369 0.3210	0.3225 0.3145	0.3276 0.3111	0.3317	Ave		0.3208			0.1000	3.6		20.0			
Atrazine	0.2153	0.1867 0.2294	0.2076 0.2206	0.2175 0.2088	0.2231	Ave		0.2136			0.0100	6.1		20.0			
Pentachlorophenol	0.1899	0.1871	0.1474 0.1876	0.1745 0.1829	0.1838	Ave		0.1790			0.0500	8.3		20.0			
Pentachloronitrobenzene	0.0964	0.0974	0.0954	0.0965 0.0974	0.0985	Ave		0.0969			0.0100	1.1		20.0			
n-Octadecane	0.4068	0.3881	0.3677	0.4059 0.3567	0.4132	Ave		0.3897			0.0100	5.9		20.0			
Phenanthrene	1.0391	0.9827	0.9445	1.0755 0.9386	1.0590	Ave		1.0066			0.7000	5.9		20.0			
Anthracene	1.0826	1.0241	0.9799	1.0707 0.9721	1.0941	Ave		1.0373			0.7000	5.1		20.0			
Carbazole	0.9688	0.9295	0.8942	0.9918 0.8944	0.9920	Ave		0.9451			0.0100	4.8		20.0			
Di-n-butyl phthalate	1.1360	1.1002	1.0731 1.0681	1.1286 1.0544	1.1452	Ave		1.1008			0.0100	3.3		20.0			
Fluoranthene	1.1439	1.0880	1.0559	1.1676 1.0504	1.1705	Ave		1.1127			0.6000	4.9		20.0			
Benzidine	0.5673	0.4804	0.5365	0.6318 0.4713	0.6091	Ave		0.5494			0.0100	12.0		20.0			
Pyrene	1.3364	1.3272	1.2274	1.3648 1.2872	1.3747	Ave		1.3196			0.6000	4.1		20.0			
Bisphenol-A	0.5844	0.5839	0.6002	0.5532 0.6350	0.5516	Ave		0.5847				5.3		20.0			
Butyl benzyl phthalate	0.5392	0.5462	0.5305	0.4977 0.5633	0.5101	Ave		0.5312			0.0100	4.5		20.0			
2,3,7,8-TCDD		0.2687				Ave		0.2687			0.0100			20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-309671-1 Analy Batch No.: 989449

SDG No.:

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/08/2024 07:31 Calibration End Date: 08/08/2024 10:31 Calibration ID: 98285

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Carbamazepine	0.4825	0.5240	0.5247	0.3946 0.5578	0.4538	Ave		0.4896			0.0100	12.1		20.0			
3,3'-Dichlorobenzidine	0.5496	0.5298	0.5076 0.5244	0.5414 0.4839	0.5462	Ave		0.5261			0.0100	4.5		20.0			
Benzo[a]anthracene	1.3636 1.3323	1.3579 1.3179	1.3387 1.2180	1.3331 1.2490	1.3229	Ave		1.3148			0.8000	3.7		20.0			
Chrysene	1.2794	1.2459	1.1758	1.2870 1.2203	1.2871	Ave		1.2492			0.7000	3.6		20.0			
Bis(2-ethylhexyl) phthalate	0.7473	0.7727	0.7437	0.6800 0.7761	0.7142	Ave		0.7390			0.0100	4.9		20.0			
Di-n-octyl phthalate	1.0335	1.0424	1.0228	0.8971 1.0394	0.9708	Ave		1.0010			0.0100	5.7		20.0			
Benzo[b]fluoranthene	0.9312 1.1263	0.9959 1.1159	1.0580 1.0832	1.0530 1.2218	1.1083	Ave		1.0771			0.7000	7.7		20.0			
Benzo[k]fluoranthene	1.0955 1.2160	1.1673 1.1963	1.1999 1.1403	1.2289 1.0620	1.2099	Ave		1.1685			0.7000	5.0		20.0			
Benzo[a]pyrene	0.8437 1.0648	0.9412 1.0690	0.9719 1.0333	1.0167 1.0545	1.0489	Ave		1.0049			0.7000	7.4		20.0			
Indeno[1,2,3-cd]pyrene	0.8924 1.2204	1.0769 1.3015	1.0540 1.2393	1.1435 1.3545	1.1860	Ave		1.1632			0.5000	12.1		20.0			
Dibenz(a,h)anthracene	0.9911 1.2137	1.1017 1.2716	1.0993 1.2142	1.1687 1.2198	1.2010	Ave		1.1646			0.4000	7.4		20.0			
Benzo[g,h,i]perylene	0.9445 1.1346	1.0438 1.1798	1.0665 1.1297	1.1040 1.1536	1.1209	Ave		1.0975			0.5000	6.5		20.0			
2-Fluorophenol (Surr)	1.2573	1.0903 1.3225	1.1754 1.3127	1.1454 1.3001	1.2597	Ave		1.2329			0.0100	7.0		20.0			
Phenol-d5 (Surr)	1.3096 1.6855	1.5067 1.7219	1.5646 1.7112	1.5803 1.6944	1.6893	Ave		1.6070			0.0100	8.4		20.0			
Nitrobenzene-d5 (Surr)	0.3231 0.3772	0.3331 0.3846	0.3624 0.3820	0.3683 0.3782	0.3818	Ave		0.3656			0.0100	6.2		20.0			
2-Fluorobiphenyl	1.4437 1.5140	1.4610 1.5107	1.6115 1.4837	1.5316 1.4529	1.5616	Ave		1.5079			0.0100	3.6		20.0			
2,4,6-Tribromophenol (Surr)	0.4051	0.3371 0.4245	0.3694 0.4386	0.3903 0.4422	0.4113	Ave		0.4023			0.0100	8.9		20.0			
Terphenyl-d14 (Surr)	1.1092 1.2399	1.2219 1.2741	1.2422 1.2241	1.2510 1.2130	1.2741	Ave		1.2277			0.0100	4.0		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-309671-1 | Analy Batch No.: 989449

SDG No.:

Instrument ID: CBNAMS11 | GC Column: Rtxi-5Sil | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 08/08/2024 07:31 | Calibration End Date: 08/08/2024 10:31 | Calibration ID: 98285

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD05 460-989449/10	Z87626.d
Level 2	STD1 460-989449/9	Z87625.d
Level 3	STD2 460-989449/8	Z87624.d
Level 4	STD5 460-989449/7	Z87623.d
Level 5	STD10 460-989449/6	Z87622.d
Level 6	STD20 460-989449/5	Z87621.d
Level 7	ICIS 460-989449/2	Z87618.d
Level 8	STD80 460-989449/4	Z87620.d
Level 9	STD120 460-989449/3	Z87619.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,4-Dioxane	DCBd4	Ave	1366 60644	2895 160232	5341 266249	15640 391456	33078	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
N-Nitrosodimethylamine	DCBd4	Ave	 85084	 241060	 407444	21693 611399	47084	 20.0	 50.0	 80.0	5.00 120	10.0
Pyridine	DCBd4	Ave	 288633	14030 754855	27738 1313772	72650 1929611	154284	 40.0	2.00 100	4.00 160	10.0 240	20.0
Benzaldehyde	DCBd4	Ave	 101457	6217 +++++	12984 +++++	37963 +++++	77240	 16.0	1.00 +++++	2.00 +++++	5.00 +++++	10.0
Phenol	DCBd4	Ave	 229256	 613071	 1000446	61311 1462220	130275	 20.0	 50.0	 80.0	5.00 120	10.0
Aniline	DCBd4	Ave	 254359	 666333	 1092258	68865 1552295	140918	 20.0	 50.0	 80.0	5.00 120	10.0
Bis(2-chloroethyl)ether	DCBd4	Ave	3286 158776	8897 430982	15989 716539	44031 1060380	88286	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
2-Chlorophenol	DCBd4	Ave	 180870	 489413	 806092	47403 1188027	97538	 20.0	 50.0	 80.0	5.00 120	10.0
n-Decane	DCBd4	Ave	 167844	 434362	 704456	45241 1005980	93498	 20.0	 50.0	 80.0	5.00 120	10.0
1,3-Dichlorobenzene	DCBd4	Ave	 197035	 525272	 871501	53917 1264173	109929	 20.0	 50.0	 80.0	5.00 120	10.0
1,4-Dichlorobenzene	DCBd4	Ave	 203650	 540915	 883612	55361 1277973	114170	 20.0	 50.0	 80.0	5.00 120	10.0
Benzyl alcohol	DCBd4	Ave	 112886	 309294	 508065	28386 758072	63330	 20.0	 50.0	 80.0	5.00 120	10.0
1,2-Dichlorobenzene	DCBd4	Ave	 193493	 509589	 841947	53236 1191102	107279	 20.0	 50.0	 80.0	5.00 120	10.0
2-Methylphenol	DCBd4	Ave	 154688	 419737	 683415	40576 1023506	86862	 20.0	 50.0	 80.0	5.00 120	10.0
2,2'-oxybis[1-chloropropane]	DCBd4	Ave				59568	121862				5.00	10.0

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-309671-1 | Analy Batch No.: 989449

SDG No.:

Instrument ID: CBNAMS11 | GC Column: Rtxi-5Sil | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 08/08/2024 07:31 | Calibration End Date: 08/08/2024 10:31 | Calibration ID: 98285

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			215398	573522	922348	1298423		20.0	50.0	80.0	120	
N-Methylaniline	DCBd4	Ave	259875	725117	1188142	71644 1764453	147755	20.0	50.0	80.0	5.00 120	10.0
Acetophenone	DCBd4	Ave	246200	661559	1057821	66802 1576219	137112	20.0	50.0	80.0	5.00 120	10.0
N-Nitrosodi-n-propylamine	DCBd4	Ave	2751 121254	6372 333969	11282 537443	31997 814065	68617	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
3 & 4 Methylphenol	DCBd4	Ave	167804	449497	732527	44307 1107808	93129	20.0	50.0	80.0	5.00 120	10.0
4-Methylphenol	DCBd4	Ave	167804	449497	732527	44307 1107808	93129	20.0	50.0	80.0	5.00 120	10.0
Hexachloroethane	DCBd4	Ave	1651 69644	3606 190409	6672 313621	18827 463542	37622	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
n,n'-Dimethylaniline	DCBd4	Ave	6492 266548	14775 726665	27332 1171141	74732 1729177	152259	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Nitrobenzene	DCBd4	Ave	1957 86623	4205 236066	8309 389289	23887 566403	48263	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Isophorone	NPT	Ave	315836	873209	31801 1427758	87024 2164771	180158	20.0	50.0	2.00 80.0	5.00 120	10.0
2-Nitrophenol	NPT	Ave	95072	267419	447619	24846 680158	52911	20.0	50.0	80.0	5.00 120	10.0
2,4-Dimethylphenol	NPT	Ave	129121	344673	588899	34262 890577	70480	20.0	50.0	80.0	5.00 120	10.0
Bis(2-chloroethoxy)methane	NPT	Ave	198185	544559	882930	54520 1327456	111460	20.0	50.0	80.0	5.00 120	10.0
Benzoic acid	NPT	Lin2	85907	289803	536758	15618 821187	44233	20.0	50.0	80.0	5.00 120	10.0
2,4-Dichlorophenol	NPT	Ave	148921	417873	14130 685353	39601 1028553	83613	20.0	50.0	2.00 80.0	5.00 120	10.0
1,2,4-Trichlorobenzene	NPT	Ave	4286 168640	9199 462783	16783 760170	46661 1125649	94029	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Naphthalene	NPT	Ave	508135	1388616	2213017	143782 3225027	291434	20.0	50.0	80.0	5.00 120	10.0
2,6-Dichlorophenol	NPT	Ave	148446	409584	14238 668809	40446 995476	83398	20.0	50.0	2.00 80.0	5.00 120	10.0
4-Chloroaniline	NPT	Ave	214440	580513	943052	59490 1382246	121635	20.0	50.0	80.0	5.00 120	10.0
Hexachlorobutadiene	NPT	Ave	102849	5760 279404	10074 461443	27651 687616	57842	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Caprolactam	NPT	Ave	58177	2975 86582	6816 124296	19927 172271	41592	16.0	1.00 20.0	2.00 24.0	5.00 32.0	10.0

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-309671-1 | Analy Batch No.: 989449

SDG No.:

Instrument ID: CBNAMS11 | GC Column: Rtxi-5Sil | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 08/08/2024 07:31 | Calibration End Date: 08/08/2024 10:31 | Calibration ID: 98285

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
4-Chloro-3-methylphenol	NPT	Ave	137005	395913	645402	37693 984543	78841	20.0	50.0	80.0	5.00 120	10.0
2-Methylnaphthalene	NPT	Ave	342599	935190	1500027	96059 2225455	197108	20.0	50.0	80.0	5.00 120	10.0
1-Methylnaphthalene	NPT	Ave	313677	858615	1384454	90423 2048340	180074	20.0	50.0	80.0	5.00 120	10.0
Hexachlorocyclopentadiene	ANT	Ave	79868	222268	393531	17412 558837	41990	20.0	50.0	80.0	5.00 120	10.0
1,2,4,5-Tetrachlorobenzene	ANT	Ave	179015	499865	811844	49876 1215330	102005	20.0	50.0	80.0	5.00 120	10.0
2-tertbutyl-4-methylphenol	NPT	Ave	211473	603820	978906	58293 1475109	121135	20.0	50.0	80.0	5.00 120	10.0
2,4,6-Trichlorophenol	ANT	Ave	113933	323235	10291 545800	29974 832631	63093	20.0	50.0	2.00 80.0	5.00 120	10.0
2,4,5-Trichlorophenol	ANT	Ave	127129	356535	587009	34950 903498	71887	20.0	50.0	80.0	5.00 120	10.0
1,1'-Biphenyl	ANT	Ave	420571	1146303	1785319	118630 2581081	241742	20.0	50.0	80.0	5.00 120	10.0
2-Chloronaphthalene	ANT	Ave	328159	914680	1461608	92587 2145537	188198	20.0	50.0	80.0	5.00 120	10.0
Phenyl ether	ANT	Ave	238877	681190	1095713	68689 1612144	139203	20.0	50.0	80.0	5.00 120	10.0
2-Nitroaniline	ANT	Ave	92568	260140	418249	26005 641690	52645	20.0	50.0	80.0	5.00 120	10.0
1,3-Dimethylnaphthalene	ANT	Ave	262217	743624	1191699	74564 1801291	149838	20.0	50.0	80.0	5.00 120	10.0
Coumarin	NPT	Ave	125745	363666	596982	36336 933065	74432	20.0	50.0	80.0	5.00 120	10.0
Dimethyl phthalate	ANT	Ave	377274	1041193	1672304	107631 2538796	220630	20.0	50.0	80.0	5.00 120	10.0
2,6-Dinitrotoluene	ANT	Ave	86842	4112 249517	7884 410293	23671 631604	50124	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Acenaphthylene	ANT	Ave	499430	1376514	2215554	140037 3307486	289822	20.0	50.0	80.0	5.00 120	10.0
3-Nitroaniline	ANT	Ave	105517	291232	482140	30050 738933	62097	20.0	50.0	80.0	5.00 120	10.0
Acenaphthene	ANT	Ave	305636	828865	1327510	85453 1989175	175482	20.0	50.0	80.0	5.00 120	10.0
3,5-di-tert-butyl-4-hydroxytol	ANT	Ave	287039	825515	1329301	66213 2038780	155696	20.0	50.0	80.0	5.00 120	10.0
2,4-Dinitrophenol	ANT	Lin2			3409	19510	48871			4.00	10.0	20.0

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-309671-1 | Analy Batch No.: 989449

SDG No.:

Instrument ID: CBNAMS11 | GC Column: Rtxi-5Sil | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 08/08/2024 07:31 | Calibration End Date: 08/08/2024 10:31 | Calibration ID: 98285

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			97656	311779	562013	885910		40.0	100	160	240	
4-Nitrophenol	ANT	Ave	116207	333214	572859	28631 871068	65247	40.0	100	160	10.0 240	20.0
Dibenzofuran	ANT	Ave	476493	1306563	2089944	135317 3083183	276002	20.0	50.0	80.0	5.00 120	10.0
2,4-Dinitrotoluene	ANT	Ave	117948	5492 338379	10913 553027	33152 863294	67487	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
2,3,4,6-Tetrachlorophenol	ANT	Ave	105170	306421	505091	28504 785850	61374	20.0	50.0	80.0	5.00 120	10.0
Diethyl phthalate	ANT	Ave	362739	1023723	1729149	108899 2498154	212664	20.0	50.0	80.0	5.00 120	10.0
Fluorene	ANT	Ave	374331	1030674	1649221	106929 2463976	217204	20.0	50.0	80.0	5.00 120	10.0
4-Chlorophenyl phenyl ether	ANT	Ave	192283	542981	865429	55482 1290927	109447	20.0	50.0	80.0	5.00 120	10.0
4-Nitroaniline	ANT	Ave	92754	263557	448742	25603 698731	53531	20.0	50.0	80.0	5.00 120	10.0
4,6-Dinitro-2-methylphenol	PHN	Ave	149397	443863	10103 752044	37151 1180484	82720	40.0	100	4.00 160	10.0 240	20.0
N-Nitrosodiphenylamine	PHN	Ave	275396	778556	1246843	79099 1904554	160179	20.0	50.0	80.0	5.00 120	10.0
1,2-Diphenylhydrazine	PHN	Ave	343923	951036	1520941	98348 2351861	196682	20.0	50.0	80.0	5.00 120	10.0
Azobenzene	PHN	Ave	343355	950425	1519149	97555 2350790	196197	20.0	50.0	80.0	5.00 120	10.0
4-Bromophenyl phenyl ether	PHN	Ave	127601	361575	596678	36045 908576	73049	20.0	50.0	80.0	5.00 120	10.0
Hexachlorobenzene	PHN	Ave	4282 171233	9869 490925	17397 811950	49271 1224105	101619	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Atrazine	PHN	Ave	91282	5469 140377	11198 170875	32711 219101	68366	16.0	1.00 20.0	2.00 24.0	5.00 32.0	10.0
Pentachlorophenol	PHN	Ave	201361	572490	15902 968696	52507 1439342	112639	40.0	100	4.00 160	10.0 240	20.0
Pentachloronitrobenzene	PHN	Ave	51081	148930	246338	14510 383435	30181	20.0	50.0	80.0	5.00 120	10.0
n-Octadecane	PHN	Ave	215628	593629	949380	61055 1403728	126613	20.0	50.0	80.0	5.00 120	10.0
Phenanthrene	PHN	Ave	550802	1503210	2438358	161775 3693796	324458	20.0	50.0	80.0	5.00 120	10.0
Anthracene	PHN	Ave	573883	1566459	2529746	161053 3825724	335226	20.0	50.0	80.0	5.00 120	10.0

FORM VI
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RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-309671-1 | Analy Batch No.: 989449

SDG No.:

Instrument ID: CBNAMS11 | GC Column: Rtxi-5Sil | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 08/08/2024 07:31 | Calibration End Date: 08/08/2024 10:31 | Calibration ID: 98285

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Carbazole	PHN	Ave	513535	1421782	2308578	149185 3519865	303924	20.0	50.0	80.0	5.00 120	10.0
Di-n-butyl phthalate	PHN	Ave	602178	1682838	57879 2757433	169761 4149299	350868	20.0	50.0	2.00 80.0	5.00 120	10.0
Fluoranthene	PHN	Ave	606344	1664249	2725896	175623 4133895	358622	20.0	50.0	80.0	5.00 120	10.0
Benzidine	PHN	Ave	300703	734881	1385066	95032 1854912	186609	20.0	50.0	80.0	5.00 120	10.0
Pyrene	CRY	Ave	635615	1719588	2812821	185997 4314440	374987	20.0	50.0	80.0	5.00 120	10.0
Bisphenol-A	CRY	Ave	277932	756557	1375433	75393 2128335	150469	20.0	50.0	80.0	5.00 120	10.0
Butyl benzyl phthalate	CRY	Ave	256443	707722	1215701	67832 1887986	139146	20.0	50.0	80.0	5.00 120	10.0
2,3,7,8-TCDD	CRY	Ave		3481					0.500			
Carbamazepine	CRY	Ave	229484	678970	1202394	53769 1869746	123794	20.0	50.0	80.0	5.00 120	10.0
3,3'-Dichlorobenzidine	CRY	Ave	261385	686429	24391 1201729	73787 1622009	149000	20.0	50.0	2.00 80.0	5.00 120	10.0
Benzo[a]anthracene	CRY	Ave	17091 633651	33704 1707549	64323 2791372	181680 4186453	360858	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Chrysene	CRY	Ave	608511	1614273	2694694	175390 4090220	351078	20.0	50.0	80.0	5.00 120	10.0
Bis(2-ethylhexyl) phthalate	CRY	Ave	355433	1001133	1704320	92674 2601187	194825	20.0	50.0	80.0	5.00 120	10.0
Di-n-octyl phthalate	PRY	Ave	582658	1639486	2822473	143833 4296309	311813	20.0	50.0	80.0	5.00 120	10.0
Benzo[b]fluoranthene	PRY	Ave	13658 634952	28836 1755077	59491 2989030	168825 5050016	355972	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Benzo[k]fluoranthene	PRY	Ave	16068 685516	33798 1881610	67471 3146491	197015 4389737	388598	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Benzo[a]pyrene	PRY	Ave	12375 600282	27252 1681298	54648 2851442	163003 4358730	336892	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Indeno[1,2,3-cd]pyrene	PRY	Ave	13089 688013	31180 2047062	59268 3419660	183335 5598684	380944	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Dibenz(a,h)anthracene	PRY	Ave	14537 684234	31898 2000011	61815 3350439	187368 5041748	385758	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Benzo[g,h,i]perylene	PRY	Ave	13853 639622	30223 1855586	59968 3117231	177004 4768397	360035	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
2-Fluorophenol (Surr)	DCBd4	Ave		7724	14876	40723	90371		1.00	2.00	5.00	10.0

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Lab Name: Eurofins Edison Job No.: 460-309671-1 Analy Batch No.: 989449

SDG No.:

Instrument ID: CBNAMS11 GC Column: Rtxi-5Sil ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/08/2024 07:31 Calibration End Date: 08/08/2024 10:31 Calibration ID: 98285

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			162411	464831	793225	1129521		20.0	50.0	80.0	120	
Phenol-d5 (Surr)	DCBd4	Ave	4277 217717	10674 605224	19802 1034035	56187 1472109	121190	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Nitrobenzene-d5 (Surr)	NPT	Ave	4053 180583	8933 518357	17236 881502	49004 1281442	104018	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
2-Fluorobiphenyl	ANT	Ave	10291 409511	21948 1168446	43036 1923227	115425 2774268	238708	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
2,4,6-Tribromophenol (Surr)	ANT	Ave	 109583	5064 328337	9866 568462	29417 844441	62865	 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Terphenyl-d14 (Surr)	CRY	Ave	13902 589732	30327 1650788	59684 2805244	170479 4065860	347543	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0

Curve Type Legend:

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20240808-179362.b\Z87618.d
Lims ID: ICIS
Client ID:
Sample Type: ICIS Calib Level: 7
Inject. Date: 08-Aug-2024 07:31:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0179362-002
Operator ID: Instrument ID: CBNAMS11
Sublist: chrom-8270_11R_9*sub51

Method: \\chromfs\Edison\ChromData\CBNAMS11\20240808-179362.b\8270_11R_9.m
Limit Group: SV 8270E ICAL
Last Update: 08-Aug-2024 11:30:19 Calib Date: 08-Aug-2024 10:31:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS11\20240808-179362.b\Z87626.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1667

First Level Reviewer: G4KC Date: 08-Aug-2024 08:18:49

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.262	1.262	0.000	93	160232	50.0	51.7	
2 N-Nitrosodimethylamine	74	1.460	1.460	0.000	93	241060	50.0	51.6	
3 Pyridine	79	1.472	1.472	0.000	94	754855	100.0	100.2	
$ 4 2-Fluorophenol	112	2.468	2.468	0.000	97	464831	50.0	53.6	
5 Benzaldehyde	77	3.292	3.292	0.000	97	73002	20.0	10.3	
$ 6 Phenol-d5	99	3.378	3.378	0.000	99	605224	50.0	53.6	
7 Phenol	94	3.394	3.394	0.000	97	613071	50.0	50.3	
8 Aniline	93	3.401	3.401	0.000	95	666333	50.0	50.1	
9 Bis(2-chloroethyl)ether	93	3.480	3.480	0.000	99	430982	50.0	50.8	
11 2-Chlorophenol	128	3.516	3.516	0.000	98	489413	50.0	51.0	
12 n-Decane	43	3.580	3.580	0.000	91	434362	50.0	49.9	
13 1,3-Dichlorobenzene	146	3.666	3.666	0.000	96	525272	50.0	50.0	
* 14 1,4-Dichlorobenzene-d4	152	3.727	3.727	0.000	94	281184	40.0	40.0	
15 1,4-Dichlorobenzene	146	3.742	3.742	0.000	96	540915	50.0	50.2	
16 Benzyl alcohol	108	3.880	3.880	0.000	95	309294	50.0	51.3	
17 1,2-Dichlorobenzene	146	3.889	3.889	0.000	97	509589	50.0	50.0	
18 2-Methylphenol	108	3.998	3.998	0.000	92	419737	50.0	50.8	
19 2,2'-oxybis[1-chloropropane]	45	4.014	4.014	0.000	95	573522	50.0	50.5	a
20 N-Methylaniline	106	4.132	4.132	0.000	98	725117	50.0	51.0	a
22 Acetophenone	105	4.142	4.142	0.000	92	661559	50.0	50.7	
21 N-Nitrosodi-n-propylamine	70	4.155	4.155	0.000	86	333969	50.0	52.1	
23 3 & 4 Methylphenol	108	4.164	4.164	0.000	73	449497	50.0	50.4	
24 4-Methylphenol	108	4.164	4.164	0.000	96	449497	50.0	50.4	
25 Hexachloroethane	117	4.219	4.219	0.000	93	190409	50.0	51.5	
$ 26 Nitrobenzene-d5	82	4.286	4.286	0.000	85	518357	50.0	52.6	
27 Nitrobenzene	123	4.308	4.308	0.000	96	236066	50.0	51.8	
28 n,n'-Dimethylaniline	120	4.308	4.308	0.000	94	726665	50.0	50.2	
31 Isophorone	82	4.551	4.551	0.000	99	873209	50.0	49.8	
32 2-Nitrophenol	139	4.618	4.618	0.000	97	267419	50.0	50.8	
33 2,4-Dimethylphenol	122	4.682	4.682	0.000	92	344673	50.0	49.2	
34 Bis(2-chloroethoxy)methane	93	4.778	4.778	0.000	99	544559	50.0	50.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	4.838	4.838	0.000	87	289803	50.0	49.1	M
36 2,4-Dichlorophenol	162	4.858	4.858	0.000	97	417873	50.0	51.1	
37 1,2,4-Trichlorobenzene	180	4.931	4.931	0.000	94	462783	50.0	50.0	
* 38 Naphthalene-d8	136	4.982	4.982	0.000	99	1078159	40.0	40.0	
39 Naphthalene	128	5.005	5.005	0.000	99	1388616	50.0	50.2	
40 4-Chloroaniline	127	5.075	5.075	0.000	93	580513	50.0	49.9	
133 2,6-Dichlorophenol	162	5.075	5.075	0.000	91	409584	50.0	50.5	
41 Hexachlorobutadiene	225	5.133	5.133	0.000	99	279404	50.0	49.6	
42 Caprolactam	55	5.497	5.497	0.000	94	86582	20.0	20.7	M
43 4-Chloro-3-methylphenol	107	5.567	5.567	0.000	95	395913	50.0	51.2	
44 2-Methylnaphthalene	142	5.682	5.682	0.000	84	935190	50.0	50.0	
45 1-Methylnaphthalene	142	5.775	5.775	0.000	92	858615	50.0	49.8	
46 Hexachlorocyclopentadiene	237	5.836	5.836	0.000	99	222268	50.0	51.2	
47 1,2,4,5-Tetrachlorobenzene	216	5.845	5.845	0.000	99	499865	50.0	49.7	
48 2-tertbutyl-4-methylphenol	149	5.906	5.906	0.000	92	603820	50.0	51.1	
49 2,4,6-Trichlorophenol	196	5.964	5.964	0.000	93	323235	50.0	50.6	
50 2,4,5-Trichlorophenol	196	5.996	5.996	0.000	99	356535	50.0	49.5	
$ 51 2-Fluorobiphenyl	172	6.047	6.047	0.000	97	1168446	50.0	50.1	
52 1,1'-Biphenyl	154	6.140	6.140	0.000	97	1146303	50.0	49.8	
53 2-Chloronaphthalene	162	6.149	6.149	0.000	98	914680	50.0	49.9	
54 Phenyl ether	170	6.245	6.245	0.000	84	681190	50.0	50.1	
55 2-Nitroaniline	65	6.264	6.264	0.000	93	260140	50.0	49.8	
57 1,3-Dimethylnaphthalene	156	6.364	6.364	0.000	93	743624	50.0	50.0	
59 Coumarin	146	6.456	6.456	0.000	84	363666	50.0	50.2	
58 Dimethyl phthalate	163	6.459	6.459	0.000	99	1041193	50.0	49.1	
60 2,6-Dinitrotoluene	165	6.511	6.511	0.000	95	249517	50.0	51.6	
63 Acenaphthylene	152	6.539	6.539	0.000	98	1376514	50.0	49.3	
64 3-Nitroaniline	65	6.661	6.661	0.000	98	291232	50.0	48.5	
* 65 Acenaphthene-d10	164	6.677	6.677	0.000	95	618764	40.0	40.0	
67 Acenaphthene	154	6.709	6.709	0.000	95	828865	50.0	49.1	
66 3,5-di-tert-butyl-4-hydroxytol	205	6.728	6.728	0.000	97	825515	50.0	52.3	
68 2,4-Dinitrophenol	184	6.773	6.773	0.000	94	311779	100.0	99.5	
69 4-Nitrophenol	65	6.853	6.853	0.000	92	333214	100.0	100.8	
71 Dibenzofuran	168	6.875	6.875	0.000	98	1306563	50.0	49.3	
70 2,4-Dinitrotoluene	165	6.895	6.895	0.000	97	338379	50.0	51.3	
72 2,3,4,6-Tetrachlorophenol	232	7.000	7.000	0.000	98	306421	50.0	50.2	
73 Diethyl phthalate	149	7.138	7.138	0.000	99	1023723	50.0	48.8	
74 Fluorene	166	7.202	7.202	0.000	94	1030674	50.0	49.2	
75 4-Chlorophenyl phenyl ether	204	7.214	7.214	0.000	94	542981	50.0	50.0	
76 4-Nitroaniline	138	7.256	7.256	0.000	87	263557	50.0	49.0	
77 4,6-Dinitro-2-methylphenol	198	7.285	7.285	0.000	94	443863	100.0	108.8	
78 N-Nitrosodiphenylamine	169	7.336	7.336	0.000	70	778556	50.0	50.2	
134 Azobenzene	77	7.368	7.368	0.000	97	950425	50.0	49.8	
79 1,2-Diphenylhydrazine	77	7.368	7.368	0.000	50	951036	50.0	49.7	
$ 80 2,4,6-Tribromophenol	330	7.432	7.432	0.000	88	328337	50.0	52.8	
81 4-Bromophenyl phenyl ether	248	7.675	7.675	0.000	98	361575	50.0	50.0	
82 Hexachlorobenzene	284	7.720	7.720	0.000	95	490925	50.0	50.0	
83 Atrazine	200	7.860	7.860	0.000	95	140377	20.0	21.5	
84 Pentachlorophenol	266	7.918	7.918	0.000	96	572490	100.0	104.5	
85 Pentachloronitrobenzene	237	7.928	7.928	0.000	94	148930	50.0	50.2	
86 n-Octadecane	57	8.043	8.043	0.000	91	593629	50.0	49.8	
* 87 Phenanthrene-d10	188	8.085	8.085	0.000	98	1223677	40.0	40.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
88 Phenanthrene	178	8.110	8.110	0.000	98	1503210	50.0	48.8	
89 Anthracene	178	8.158	8.158	0.000	98	1566459	50.0	49.4	
90 Carbazole	167	8.325	8.325	0.000	96	1421782	50.0	49.2	
91 Di-n-butyl phthalate	149	8.692	8.692	0.000	100	1682838	50.0	50.0	
92 Fluoranthene	202	9.235	9.235	0.000	97	1664249	50.0	48.9	
93 Benzidine	184	9.385	9.385	0.000	99	734881	50.0	43.7	
94 Pyrene	202	9.446	9.446	0.000	97	1719588	50.0	50.3	
95 Bisphenol-A	213	9.532	9.532	0.000	98	756557	50.0	49.9	
$ 96 Terphenyl-d14	244	9.622	9.622	0.000	97	1650788	50.0	51.9	
97 Butyl benzyl phthalate	149	10.117	10.117	0.000	95	707722	50.0	51.4	
98 2,3,7,8-TCDD	320	10.166	10.166	0.000	93	3481	0.5000	0.5000	
99 Carbamazepine	193	10.198	10.198	0.000	96	678970	50.0	53.5	
100 3,3'-Dichlorobenzidine	252	10.623	10.623	0.000	98	686429	50.0	50.3	
101 Benzo[a]anthracene	228	10.623	10.623	0.000	99	1707549	50.0	50.1	
* 102 Chrysene-d12	240	10.639	10.639	0.000	99	1036549	40.0	40.0	
103 Chrysene	228	10.664	10.664	0.000	98	1614273	50.0	49.9	
104 Bis(2-ethylhexyl) phthalate	149	10.725	10.725	0.000	86	1001133	50.0	52.3	
105 Di-n-octyl phthalate	149	11.476	11.476	0.000	96	1639486	50.0	52.1	
106 Benzo[b]fluoranthene	252	11.846	11.846	0.000	98	1755077	50.0	51.8	
107 Benzo[k]fluoranthene	252	11.882	11.882	0.000	99	1881610	50.0	51.2	
108 Benzo[a]pyrene	252	12.246	12.246	0.000	97	1681298	50.0	53.2	
* 109 Perylene-d12	264	12.316	12.316	0.000	99	1258234	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	13.722	13.722	0.000	98	2047062	50.0	55.9	
111 Dibenz(a,h)anthracene	278	13.760	13.760	0.000	98	2000011	50.0	54.6	
112 Benzo[g,h,i]perylene	276	14.071	14.071	0.000	98	1855586	50.0	53.7	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SV_BNA_L7_00007 Amount Added: 1.00 Units: mL

Report Date: 08-Aug-2024 11:30:21 Chrom Revision: 2.3 16-Jul-2024 14:17:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20240808-179362.b\Z87618.d

Injection Date: 08-Aug-2024 07:31:30 Instrument ID: CBNAMS11 Operator ID:

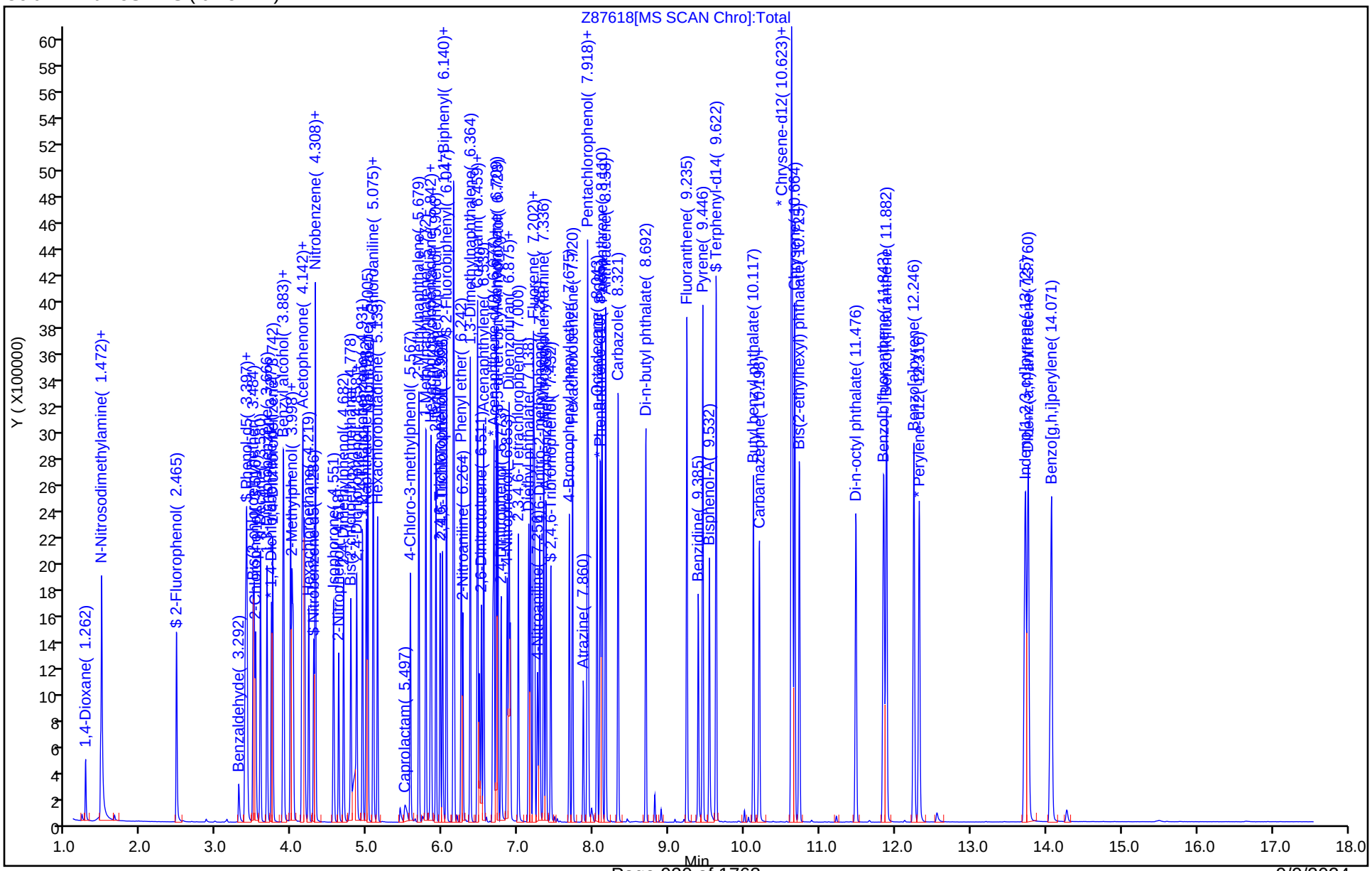
Lims ID: ICIS Worklist Smp#: 2

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8270_11R_9 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20240808-179362.b\Z87619.d
Lims ID: STD120
Client ID:
Sample Type: IC Calib Level: 9
Inject. Date: 08-Aug-2024 07:54:30 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0179362-003
Operator ID: Instrument ID: CBNAMS11
Sublist: chrom-8270_11R_9*sub51

Method: \\chromfs\Edison\ChromData\CBNAMS11\20240808-179362.b\8270_11R_9.m
Limit Group: SV 8270E ICAL
Last Update: 08-Aug-2024 11:30:26 Calib Date: 08-Aug-2024 10:31:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS11\20240808-179362.b\Z87626.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1667

First Level Reviewer: G4KC Date: 08-Aug-2024 08:20:29

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.262	1.262	0.000	93	391456	120.0	122.7	
2 N-Nitrosodimethylamine	74	1.466	1.460	0.006	98	611399	120.0	127.0	
3 Pyridine	79	1.476	1.472	0.004	96	1929611	240.0	248.7	
$ 4 2-Fluorophenol	112	2.472	2.468	0.004	97	1129521	120.0	126.5	
5 Benzaldehyde	77	3.295	3.292	0.003	97	69823	32.0	9.59	
$ 6 Phenol-d5	99	3.398	3.378	0.020	95	1472109	120.0	126.5	
7 Phenol	94	3.414	3.394	0.020	98	1462220	120.0	116.5	
8 Aniline	93	3.407	3.401	0.007	96	1552295	120.0	113.2	
9 Bis(2-chloroethyl)ether	93	3.493	3.480	0.013	98	1060380	120.0	121.4	
11 2-Chlorophenol	128	3.525	3.516	0.009	97	1188027	120.0	120.3	
12 n-Decane	43	3.583	3.580	0.003	90	1005980	120.0	112.1	
13 1,3-Dichlorobenzene	146	3.672	3.666	0.006	96	1264173	120.0	116.8	
* 14 1,4-Dichlorobenzene-d4	152	3.730	3.727	0.004	94	289600	40.0	40.0	
15 1,4-Dichlorobenzene	146	3.746	3.742	0.004	95	1277973	120.0	115.2	
16 Benzyl alcohol	108	3.896	3.880	0.016	96	758072	120.0	122.0	
17 1,2-Dichlorobenzene	146	3.893	3.889	0.004	97	1191102	120.0	113.4	
18 2-Methylphenol	108	4.008	3.998	0.010	89	1023506	120.0	120.3	
19 2,2'-oxybis[1-chloropropane]	45	4.021	4.014	0.007	94	1298423	120.0	111.0	
20 N-Methylaniline	106	4.139	4.132	0.007	99	1764453	120.0	120.4	a
22 Acetophenone	105	4.155	4.142	0.013	88	1576219	120.0	117.2	
21 N-Nitrosodi-n-propylamine	70	4.171	4.155	0.016	84	814065	120.0	123.3	M
23 3 & 4 Methylphenol	108	4.187	4.164	0.023	73	1107808	120.0	120.6	
24 4-Methylphenol	108	4.187	4.164	0.023	98	1107808	120.0	120.6	
25 Hexachloroethane	117	4.222	4.219	0.003	95	463542	120.0	121.8	
$ 26 Nitrobenzene-d5	82	4.299	4.286	0.013	86	1281442	120.0	124.1	
28 n,n'-Dimethylaniline	120	4.322	4.308	0.014	96	1729177	120.0	116.1	
27 Nitrobenzene	123	4.325	4.308	0.017	94	566403	120.0	120.7	
31 Isophorone	82	4.571	4.551	0.020	99	2164771	120.0	118.0	a
32 2-Nitrophenol	139	4.625	4.618	0.007	97	680158	120.0	123.2	
33 2,4-Dimethylphenol	122	4.692	4.682	0.010	92	890577	120.0	121.3	
34 Bis(2-chloroethoxy)methane	93	4.788	4.778	0.010	98	1327456	120.0	117.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	4.906	4.838	0.068	86	821187	120.0	128.3	M
36 2,4-Dichlorophenol	162	4.868	4.858	0.010	97	1028553	120.0	120.1	
37 1,2,4-Trichlorobenzene	180	4.938	4.931	0.007	94	1125649	120.0	116.1	
* 38 Naphthalene-d8	136	4.986	4.982	0.004	99	1129433	40.0	40.0	
39 Naphthalene	128	5.009	5.005	0.004	99	3225027	120.0	111.4	
40 4-Chloroaniline	127	5.086	5.075	0.011	97	1382246	120.0	113.5	
133 2,6-Dichlorophenol	162	5.082	5.075	0.007	98	995476	120.0	117.1	
41 Hexachlorobutadiene	225	5.137	5.133	0.004	99	687616	120.0	116.5	
42 Caprolactam	55	5.613	5.497	0.116	95	172271	32.0	39.4	M
43 4-Chloro-3-methylphenol	107	5.575	5.567	0.007	95	984543	120.0	121.4	
44 2-Methylnaphthalene	142	5.686	5.682	0.004	84	2225455	120.0	113.6	
45 1-Methylnaphthalene	142	5.779	5.775	0.004	93	2048340	120.0	113.4	
46 Hexachlorocyclopentadiene	237	5.837	5.836	0.001	99	558837	120.0	125.1	
47 1,2,4,5-Tetrachlorobenzene	216	5.850	5.845	0.005	99	1215330	120.0	117.5	
48 2-tertbutyl-4-methylphenol	149	5.917	5.906	0.011	92	1475109	120.0	119.1	
49 2,4,6-Trichlorophenol	196	5.968	5.964	0.004	93	832631	120.0	126.6	
50 2,4,5-Trichlorophenol	196	6.003	5.996	0.007	99	903498	120.0	122.1	
$ 51 2-Fluorobiphenyl	172	6.055	6.047	0.008	97	2774268	120.0	115.6	
52 1,1'-Biphenyl	154	6.148	6.140	0.008	97	2581081	120.0	109.1	
53 2-Chloronaphthalene	162	6.157	6.149	0.008	98	2145537	120.0	113.8	
54 Phenyl ether	170	6.250	6.245	0.005	84	1612144	120.0	115.2	
55 2-Nitroaniline	65	6.276	6.264	0.012	92	641690	120.0	119.4	
57 1,3-Dimethylnaphthalene	156	6.372	6.364	0.008	95	1801291	120.0	117.8	
59 Coumarin	146	6.471	6.456	0.015	83	933065	120.0	122.9	
58 Dimethyl phthalate	163	6.480	6.459	0.021	99	2538796	120.0	116.3	
60 2,6-Dinitrotoluene	165	6.525	6.511	0.014	90	631604	120.0	126.9	
63 Acenaphthylene	152	6.551	6.539	0.012	97	3307486	120.0	115.2	
64 3-Nitroaniline	65	6.679	6.661	0.018	97	738933	120.0	119.6	
* 65 Acenaphthene-d10	164	6.682	6.677	0.005	98	636508	40.0	40.0	
67 Acenaphthene	154	6.717	6.709	0.008	95	1989175	120.0	114.5	
66 3,5-di-tert-butyl-4-hydroxytol	205	6.733	6.728	0.005	96	2038780	120.0	125.6	
68 2,4-Dinitrophenol	184	6.791	6.773	0.018	93	885910	240.0	269.6	
69 4-Nitrophenol	65	6.874	6.853	0.021	93	871068	240.0	256.1	
71 Dibenzofuran	168	6.887	6.875	0.012	96	3083183	120.0	113.1	
70 2,4-Dinitrotoluene	165	6.909	6.895	0.014	98	863294	120.0	127.4	
72 2,3,4,6-Tetrachlorophenol	232	7.009	7.000	0.009	98	785850	120.0	125.2	
73 Diethyl phthalate	149	7.153	7.138	0.015	99	2498154	120.0	115.7	
74 Fluorene	166	7.210	7.202	0.008	94	2463976	120.0	114.4	
75 4-Chlorophenyl phenyl ether	204	7.223	7.214	0.009	94	1290927	120.0	115.7	
76 4-Nitroaniline	138	7.294	7.256	0.038	88	698731	120.0	126.3	
77 4,6-Dinitro-2-methylphenol	198	7.310	7.285	0.025	94	1180484	240.0	269.8	
78 N-Nitrosodiphenylamine	169	7.351	7.336	0.015	66	1904554	120.0	114.5	
134 Azobenzene	77	7.377	7.368	0.009	96	2350790	120.0	114.9	
79 1,2-Diphenylhydrazine	77	7.377	7.368	0.009	50	2351861	120.0	114.6	
$ 80 2,4,6-Tribromophenol	330	7.441	7.432	0.009	91	844441	120.0	131.9	
81 4-Bromophenyl phenyl ether	248	7.684	7.675	0.009	98	908576	120.0	117.3	
82 Hexachlorobenzene	284	7.729	7.720	0.009	96	1224105	120.0	116.4	
83 Atrazine	200	7.873	7.860	0.013	95	219101	32.0	31.3	
84 Pentachlorophenol	266	7.928	7.918	0.010	96	1439342	240.0	245.1	
85 Pentachloronitrobenzene	237	7.937	7.928	0.009	94	383435	120.0	120.6	
86 n-Octadecane	57	8.049	8.043	0.006	91	1403728	120.0	109.8	
* 87 Phenanthrene-d10	188	8.094	8.085	0.009	98	1311787	40.0	40.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
88 Phenanthrene	178	8.120	8.110	0.010	98	3693796	120.0	111.9	
89 Anthracene	178	8.171	8.158	0.013	98	3825724	120.0	112.5	
90 Carbazole	167	8.334	8.325	0.009	96	3519865	120.0	113.6	
91 Di-n-butyl phthalate	149	8.699	8.692	0.007	99	4149299	120.0	114.9	
92 Fluoranthene	202	9.246	9.235	0.011	97	4133895	120.0	113.3	
93 Benzidine	184	9.396	9.385	0.011	99	1854912	120.0	102.9	
94 Pyrene	202	9.457	9.446	0.011	96	4314440	120.0	117.1	
95 Bisphenol-A	213	9.543	9.532	0.011	99	2128335	120.0	130.3	
$ 96 Terphenyl-d14	244	9.633	9.622	0.011	97	4065860	120.0	118.6	
97 Butyl benzyl phthalate	149	10.123	10.117	0.006	96	1887986	120.0	127.3	
99 Carbamazepine	193	10.216	10.198	0.018	93	1869746	120.0	136.7	
100 3,3'-Dichlorobenzidine	252	10.638	10.623	0.015	98	1622009	120.0	110.4	
101 Benzo[a]anthracene	228	10.631	10.623	0.008	99	4186453	120.0	114.0	
* 102 Chrysene-d12	240	10.647	10.639	0.008	99	1117257	40.0	40.0	
103 Chrysene	228	10.680	10.664	0.016	98	4090220	120.0	117.2	
104 Bis(2-ethylhexyl) phthalate	149	10.734	10.725	0.009	86	2601187	120.0	126.0	
105 Di-n-octyl phthalate	149	11.486	11.476	0.010	96	4296309	120.0	124.6	
106 Benzo[b]fluoranthene	252	11.866	11.846	0.020	98	5050016	120.0	136.1	
107 Benzo[k]fluoranthene	252	11.902	11.882	0.020	99	4389737	120.0	109.1	
108 Benzo[a]pyrene	252	12.266	12.246	0.020	97	4358730	120.0	125.9	
* 109 Perylene-d12	264	12.327	12.316	0.011	99	1377797	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	13.753	13.722	0.031	97	5598684	120.0	139.7	M
111 Dibenz(a,h)anthracene	278	13.791	13.760	0.031	97	5041748	120.0	125.7	
112 Benzo[g,h,i]perylene	276	14.099	14.071	0.027	98	4768397	120.0	126.1	
S 119 Total Cresols	1				0			240.9	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SV_BNA_L9_00006 Amount Added: 1.00 Units: mL

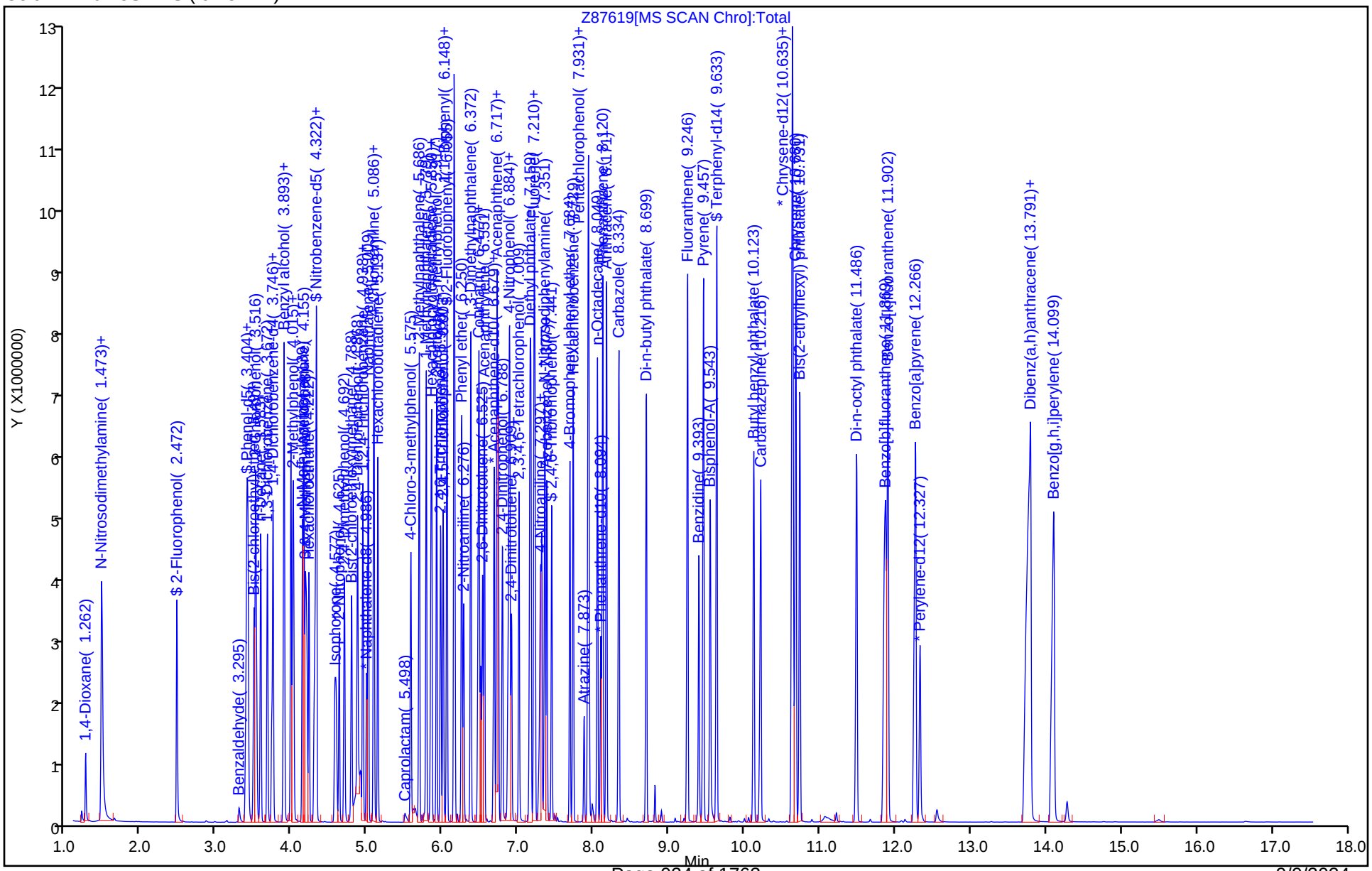
Report Date: 08-Aug-2024 11:30:28 Chrom Revision: 2.3 16-Jul-2024 14:17:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20240808-179362.b\Z87619.d

Injection Date:	08-Aug-2024 07:54:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	STD120			Worklist Smp#:	3
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8270_11R_9	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



9/9/2024
1:05:41 PM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20240808-179362.b\Z87620.d
Lims ID: STD80
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 08-Aug-2024 08:16:30 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0179362-004
Operator ID: Instrument ID: CBNAMS11
Sublist: chrom-8270_11R_9*sub51

Method: \\chromfs\Edison\ChromData\CBNAMS11\20240808-179362.b\8270_11R_9.m
Limit Group: SV 8270E ICAL
Last Update: 08-Aug-2024 11:30:32 Calib Date: 08-Aug-2024 10:31:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS11\20240808-179362.b\Z87626.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1667

First Level Reviewer: G4KC Date: 08-Aug-2024 08:51:20

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.262	1.262	0.000	94	266249	80.0	80.0	
2 N-Nitrosodimethylamine	74	1.466	1.460	0.006	93	407444	80.0	81.1	
3 Pyridine	79	1.479	1.472	0.007	94	1313772	160.0	162.3	
$ 4 2-Fluorophenol	112	2.468	2.468	0.000	97	793225	80.0	85.2	
5 Benzaldehyde	77	3.295	3.292	0.003	97	69351	24.0	9.13	
$ 6 Phenol-d5	99	3.388	3.378	0.010	95	1034035	80.0	85.2	
7 Phenol	94	3.404	3.394	0.010	98	1000446	80.0	76.4	
8 Aniline	93	3.404	3.401	0.004	97	1092258	80.0	76.4	
9 Bis(2-chloroethyl)ether	93	3.487	3.480	0.007	97	716539	80.0	78.6	
11 2-Chlorophenol	128	3.522	3.516	0.006	99	806092	80.0	78.2	
12 n-Decane	43	3.583	3.580	0.003	90	704456	80.0	75.3	
13 1,3-Dichlorobenzene	146	3.669	3.666	0.003	97	871501	80.0	77.2	
* 14 1,4-Dichlorobenzene-d4	152	3.727	3.727	0.001	94	302132	40.0	40.0	
15 1,4-Dichlorobenzene	146	3.746	3.742	0.004	95	883612	80.0	76.3	
16 Benzyl alcohol	108	3.886	3.880	0.006	96	508065	80.0	78.4	
17 1,2-Dichlorobenzene	146	3.890	3.889	0.001	97	841947	80.0	76.8	
18 2-Methylphenol	108	4.001	3.998	0.003	90	683415	80.0	77.0	
19 2,2'-oxybis[1-chloropropane]	45	4.017	4.014	0.003	95	922348	80.0	75.6	a
20 N-Methylaniline	106	4.133	4.132	0.001	94	1188142	80.0	77.7	a
22 Acetophenone	105	4.149	4.142	0.006	92	1057821	80.0	75.4	
21 N-Nitrosodi-n-propylamine	70	4.161	4.155	0.006	85	537443	80.0	78.0	M
23 3 & 4 Methylphenol	108	4.174	4.164	0.010	71	732527	80.0	76.5	
24 4-Methylphenol	108	4.174	4.164	0.010	98	732527	80.0	76.5	
25 Hexachloroethane	117	4.222	4.219	0.003	92	313621	80.0	79.0	
$ 26 Nitrobenzene-d5	82	4.292	4.286	0.006	85	881502	80.0	83.6	
27 Nitrobenzene	123	4.315	4.308	0.007	93	389289	80.0	79.5	
28 n,n'-Dimethylaniline	120	4.315	4.308	0.007	90	1171141	80.0	75.4	
31 Isophorone	82	4.558	4.551	0.007	99	1427758	80.0	76.2	
32 2-Nitrophenol	139	4.621	4.618	0.003	97	447619	80.0	79.4	
33 2,4-Dimethylphenol	122	4.689	4.682	0.007	92	588899	80.0	78.5	
34 Bis(2-chloroethoxy)methane	93	4.781	4.778	0.003	99	882930	80.0	76.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	4.874	4.838	0.036	86	536758	80.0	83.1	M
36 2,4-Dichlorophenol	162	4.861	4.858	0.003	97	685353	80.0	78.3	
37 1,2,4-Trichlorobenzene	180	4.935	4.931	0.004	94	760170	80.0	76.7	
* 38 Naphthalene-d8	136	4.986	4.982	0.004	99	1153833	40.0	40.0	
39 Naphthalene	128	5.005	5.005	0.000	99	2213017	80.0	74.8	
40 4-Chloroaniline	127	5.079	5.075	0.004	94	943052	80.0	75.8	
133 2,6-Dichlorophenol	162	5.079	5.075	0.004	78	668809	80.0	77.0	
41 Hexachlorobutadiene	225	5.133	5.133	0.000	99	461443	80.0	76.5	
42 Caprolactam	55	5.568	5.497	0.071	94	124296	24.0	27.8	M
43 4-Chloro-3-methylphenol	107	5.571	5.567	0.004	95	645402	80.0	77.9	
44 2-Methylnaphthalene	142	5.683	5.682	0.001	85	1500027	80.0	75.0	
45 1-Methylnaphthalene	142	5.775	5.775	0.000	92	1384454	80.0	75.0	
46 Hexachlorocyclopentadiene	237	5.836	5.836	0.000	99	393531	80.0	86.5	
47 1,2,4,5-Tetrachlorobenzene	216	5.846	5.845	0.001	99	811844	80.0	77.1	
48 2-tertbutyl-4-methylphenol	149	5.910	5.906	0.004	93	978906	80.0	77.4	
49 2,4,6-Trichlorophenol	196	5.964	5.964	0.000	94	545800	80.0	81.5	
50 2,4,5-Trichlorophenol	196	5.996	5.996	0.000	99	587009	80.0	77.9	
$ 51 2-Fluorobiphenyl	172	6.051	6.047	0.004	97	1923227	80.0	78.7	
52 1,1'-Biphenyl	154	6.144	6.140	0.004	97	1785319	80.0	74.1	
53 2-Chloronaphthalene	162	6.150	6.149	0.001	98	1461608	80.0	76.2	
54 Phenyl ether	170	6.246	6.245	0.001	84	1095713	80.0	76.9	
55 2-Nitroaniline	65	6.268	6.264	0.004	92	418249	80.0	76.4	
57 1,3-Dimethylnaphthalene	156	6.364	6.364	0.000	93	1191699	80.0	76.6	
59 Coumarin	146	6.463	6.456	0.007	84	596982	80.0	77.0	
58 Dimethyl phthalate	163	6.467	6.459	0.008	99	1672304	80.0	75.2	
60 2,6-Dinitrotoluene	165	6.518	6.511	0.007	94	410293	80.0	81.0	
63 Acenaphthylene	152	6.543	6.539	0.004	98	2215554	80.0	75.8	
64 3-Nitroaniline	65	6.668	6.661	0.007	98	482140	80.0	76.6	
* 65 Acenaphthene-d10	164	6.678	6.677	0.001	96	648112	40.0	40.0	
67 Acenaphthene	154	6.713	6.709	0.004	95	1327510	80.0	75.1	
66 3,5-di-tert-butyl-4-hydroxytol	205	6.729	6.728	0.001	96	1329301	80.0	80.4	
68 2,4-Dinitrophenol	184	6.780	6.773	0.007	93	562013	160.0	169.1	
69 4-Nitrophenol	65	6.860	6.853	0.007	87	572859	160.0	165.4	
71 Dibenzofuran	168	6.879	6.875	0.004	99	2089944	80.0	75.3	
70 2,4-Dinitrotoluene	165	6.902	6.895	0.007	97	553027	80.0	80.1	
72 2,3,4,6-Tetrachlorophenol	232	7.004	7.000	0.004	98	505091	80.0	79.1	
73 Diethyl phthalate	149	7.145	7.138	0.007	99	1729149	80.0	78.6	
74 Fluorene	166	7.206	7.202	0.004	94	1649221	80.0	75.2	
75 4-Chlorophenyl phenyl ether	204	7.219	7.214	0.005	93	865429	80.0	76.1	
76 4-Nitroaniline	138	7.270	7.256	0.014	89	448742	80.0	79.7	
77 4,6-Dinitro-2-methylphenol	198	7.296	7.285	0.011	94	752044	160.0	174.7	
78 N-Nitrosodiphenylamine	169	7.344	7.336	0.008	81	1246843	80.0	76.2	
134 Azobenzene	77	7.372	7.368	0.004	96	1519149	80.0	75.4	
79 1,2-Diphenylhydrazine	77	7.372	7.368	0.004	50	1520941	80.0	75.3	
$ 80 2,4,6-Tribromophenol	330	7.436	7.432	0.004	88	568462	80.0	87.2	
81 4-Bromophenyl phenyl ether	248	7.680	7.675	0.005	98	596678	80.0	78.3	
82 Hexachlorobenzene	284	7.724	7.720	0.004	92	811950	80.0	78.4	
83 Atrazine	200	7.865	7.860	0.005	95	170875	24.0	24.8	
84 Pentachlorophenol	266	7.923	7.918	0.005	96	968696	160.0	167.7	
85 Pentachloronitrobenzene	237	7.929	7.928	0.001	94	246338	80.0	78.8	
86 n-Octadecane	57	8.045	8.043	0.002	91	949380	80.0	75.5	
* 87 Phenanthrene-d10	188	8.089	8.085	0.004	98	1290810	40.0	40.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
88 Phenanthrene	178	8.115	8.110	0.005	98	2438358	80.0	75.1	
89 Anthracene	178	8.163	8.158	0.005	98	2529746	80.0	75.6	
90 Carbazole	167	8.326	8.325	0.001	96	2308578	80.0	75.7	
91 Di-n-butyl phthalate	149	8.694	8.692	0.002	99	2757433	80.0	77.6	
92 Fluoranthene	202	9.240	9.235	0.005	97	2725896	80.0	75.9	
93 Benzidine	184	9.390	9.385	0.005	99	1385066	80.0	78.1	
94 Pyrene	202	9.451	9.446	0.005	97	2812821	80.0	74.4	
95 Bisphenol-A	213	9.538	9.532	0.006	98	1375433	80.0	82.1	
$ 96 Terphenyl-d14	244	9.627	9.622	0.005	97	2805244	80.0	79.8	
97 Butyl benzyl phthalate	149	10.120	10.117	0.003	96	1215701	80.0	79.9	
99 Carbamazepine	193	10.203	10.198	0.005	93	1202394	80.0	85.7	
100 3,3'-Dichlorobenzidine	252	10.628	10.623	0.005	98	1201729	80.0	79.7	
101 Benzo[a]anthracene	228	10.628	10.623	0.005	99	2791372	80.0	74.1	
* 102 Chrysene-d12	240	10.641	10.639	0.002	99	1145869	40.0	40.0	
103 Chrysene	228	10.673	10.664	0.009	98	2694694	80.0	75.3	
104 Bis(2-ethylhexyl) phthalate	149	10.728	10.725	0.003	86	1704320	80.0	80.5	
105 Di-n-octyl phthalate	149	11.479	11.476	0.003	96	2822473	80.0	81.7	
106 Benzo[b]fluoranthene	252	11.853	11.846	0.007	98	2989030	80.0	80.5	
107 Benzo[k]fluoranthene	252	11.892	11.882	0.010	99	3146491	80.0	78.1	
108 Benzo[a]pyrene	252	12.253	12.246	0.007	97	2851442	80.0	82.3	
* 109 Perylene-d12	264	12.320	12.316	0.004	100	1379716	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	13.736	13.722	0.014	98	3419660	80.0	85.2	
111 Dibenz(a,h)anthracene	278	13.774	13.760	0.014	99	3350439	80.0	83.4	
112 Benzo[g,h,i]perylene	276	14.084	14.071	0.013	98	3117231	80.0	82.3	
S 119 Total Cresols	1				0			153.4	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SV_BNA_L8_00006 Amount Added: 1.00 Units: mL

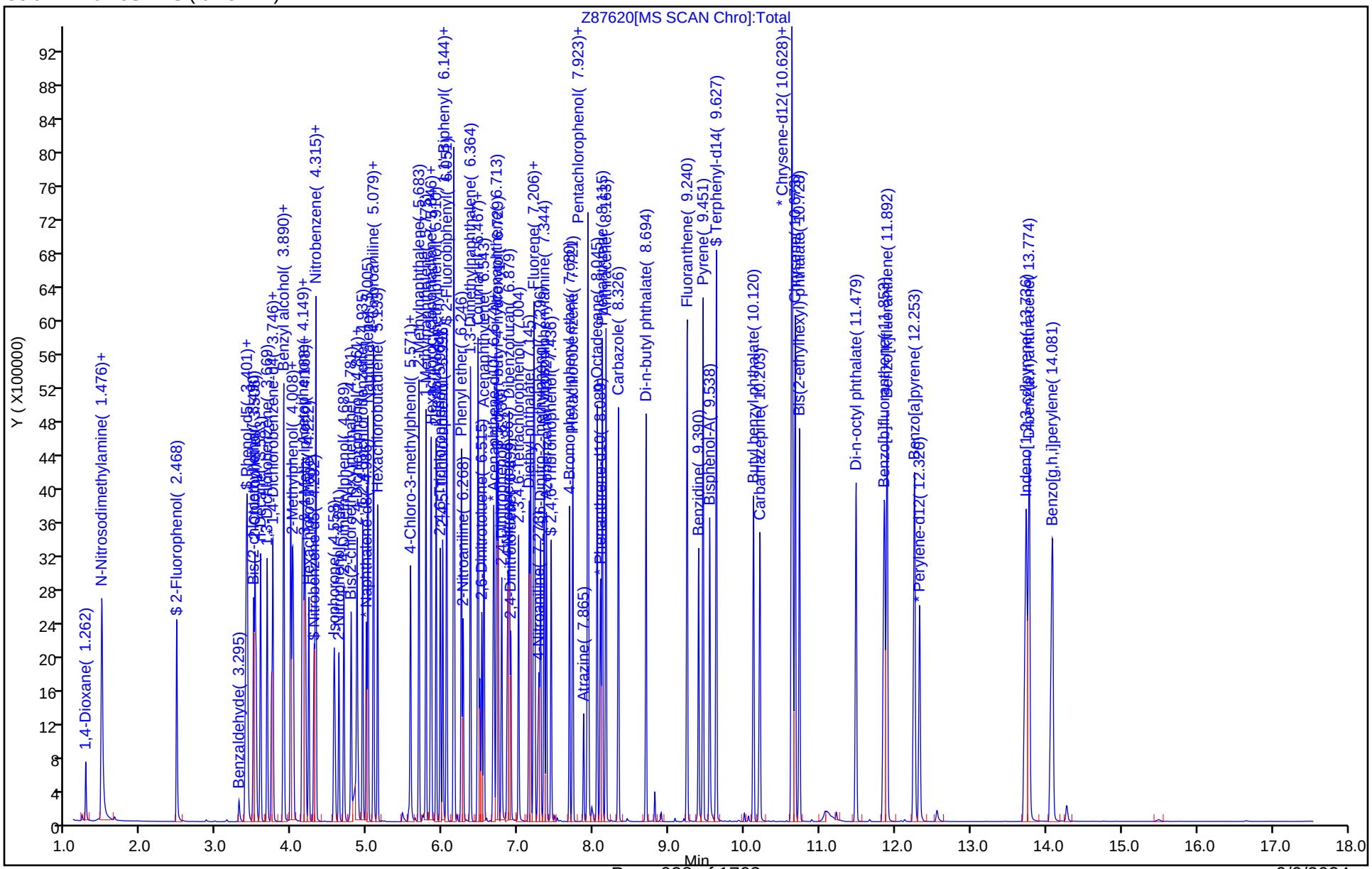
Report Date: 08-Aug-2024 11:30:34 Chrom Revision: 2.3 16-Jul-2024 14:17:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20240808-179362.b\Z87620.d

Injection Date:	08-Aug-2024 08:16:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	STD80			Worklist Smp#:	4
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8270_11R_9	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



9/9/2024
1:05:41 PM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20240808-179362.b\Z87621.d
Lims ID: STD20
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 08-Aug-2024 08:39:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0179362-005
Operator ID: Instrument ID: CBNAMS11
Sublist: chrom-8270_11R_9*sub51

Method: \\chromfs\Edison\ChromData\CBNAMS11\20240808-179362.b\8270_11R_9.m
Limit Group: SV 8270E ICAL
Last Update: 08-Aug-2024 11:30:37 Calib Date: 08-Aug-2024 10:31:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS11\20240808-179362.b\Z87626.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1667

First Level Reviewer: G4KC Date: 08-Aug-2024 09:01:04

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.259	1.262	-0.003	94	60644	20.0	21.3	
	2 N-Nitrosodimethylamine	74	1.457	1.460	-0.003	94	85084	20.0	19.8	
	3 Pyridine	79	1.473	1.472	0.001	94	288633	40.0	41.7	
$	4 2-Fluorophenol	112	2.465	2.468	-0.003	97	162411	20.0	20.4	
	5 Benzaldehyde	77	3.289	3.292	-0.003	97	101457	16.0	15.6	
$	6 Phenol-d5	99	3.368	3.378	-0.010	96	217717	20.0	21.0	
	7 Phenol	94	3.384	3.394	-0.010	94	229256	20.0	20.5	a
	8 Aniline	93	3.397	3.401	-0.003	99	254359	20.0	20.8	
	9 Bis(2-chloroethyl)ether	93	3.471	3.480	-0.009	96	158776	20.0	20.4	
	11 2-Chlorophenol	128	3.509	3.516	-0.007	98	180870	20.0	20.5	
	12 n-Decane	43	3.576	3.580	-0.004	91	167844	20.0	21.0	
	13 1,3-Dichlorobenzene	146	3.662	3.666	-0.004	97	197035	20.0	20.4	
*	14 1,4-Dichlorobenzene-d4	152	3.723	3.727	-0.003	95	258340	40.0	40.0	
	15 1,4-Dichlorobenzene	146	3.739	3.742	-0.003	96	203650	20.0	20.6	
	16 Benzyl alcohol	108	3.873	3.880	-0.007	94	112886	20.0	20.4	
	17 1,2-Dichlorobenzene	146	3.886	3.889	-0.003	98	193493	20.0	20.7	
	18 2-Methylphenol	108	3.991	3.998	-0.007	92	154688	20.0	20.4	
	19 2,2'-oxybis[1-chloropropane]	45	4.010	4.014	-0.004	95	215398	20.0	20.6	
	20 N-Methylaniline	106	4.125	4.132	-0.007	98	259875	20.0	19.9	
	22 Acetophenone	105	4.135	4.142	-0.007	93	246200	20.0	20.5	
	21 N-Nitrosodi-n-propylamine	70	4.145	4.155	-0.010	86	121254	20.0	20.6	
	23 3 & 4 Methylphenol	108	4.154	4.164	-0.010	71	167804	20.0	20.5	
	24 4-Methylphenol	108	4.154	4.164	-0.010	97	167804	20.0	20.5	
	25 Hexachloroethane	117	4.218	4.219	-0.001	92	69644	20.0	20.5	
$	26 Nitrobenzene-d5	82	4.279	4.286	-0.007	86	180583	20.0	20.6	
	28 n,n'-Dimethylaniline	120	4.301	4.308	-0.007	94	266548	20.0	20.1	
	27 Nitrobenzene	123	4.301	4.308	-0.007	95	86623	20.0	20.7	
	31 Isophorone	82	4.537	4.551	-0.014	99	315836	20.0	20.3	
	32 2-Nitrophenol	139	4.614	4.618	-0.004	97	95072	20.0	20.3	
	33 2,4-Dimethylphenol	122	4.678	4.682	-0.004	92	129121	20.0	20.8	
	34 Bis(2-chloroethoxy)methane	93	4.774	4.778	-0.004	98	198185	20.0	20.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	4.787	4.838	-0.051	87	85907	20.0	18.2	M
36 2,4-Dichlorophenol	162	4.850	4.858	-0.008	97	148921	20.0	20.5	
37 1,2,4-Trichlorobenzene	180	4.930	4.931	-0.001	94	168640	20.0	20.5	
* 38 Naphthalene-d8	136	4.978	4.982	-0.004	99	957393	40.0	40.0	
39 Naphthalene	128	5.001	5.005	-0.004	99	508135	20.0	20.7	
40 4-Chloroaniline	127	5.071	5.075	-0.004	93	214440	20.0	20.8	
133 2,6-Dichlorophenol	162	5.071	5.075	-0.004	82	148446	20.0	20.6	
41 Hexachlorobutadiene	225	5.132	5.133	-0.001	99	102849	20.0	20.6	
42 Caprolactam	55	5.400	5.497	-0.097	94	58177	16.0	15.7	
43 4-Chloro-3-methylphenol	107	5.563	5.567	-0.004	95	137005	20.0	19.9	
44 2-Methylnaphthalene	142	5.678	5.682	-0.004	85	342599	20.0	20.6	
45 1-Methylnaphthalene	142	5.770	5.775	-0.005	92	313677	20.0	20.5	
46 Hexachlorocyclopentadiene	237	5.831	5.836	-0.005	99	79868	20.0	21.0	
47 1,2,4,5-Tetrachlorobenzene	216	5.841	5.845	-0.004	99	179015	20.0	20.4	
48 2-tertbutyl-4-methylphenol	149	5.905	5.906	-0.001	93	211473	20.0	20.1	
49 2,4,6-Trichlorophenol	196	5.959	5.964	-0.005	93	113933	20.0	20.4	
50 2,4,5-Trichlorophenol	196	5.991	5.996	-0.005	98	127129	20.0	20.2	
$ 51 2-Fluorobiphenyl	172	6.042	6.047	-0.005	98	409511	20.0	20.1	
52 1,1'-Biphenyl	154	6.135	6.140	-0.005	97	420571	20.0	20.9	
53 2-Chloronaphthalene	162	6.144	6.149	-0.005	99	328159	20.0	20.5	
54 Phenyl ether	170	6.240	6.245	-0.005	84	238877	20.0	20.1	
55 2-Nitroaniline	65	6.256	6.264	-0.008	95	92568	20.0	20.3	
57 1,3-Dimethylnaphthalene	156	6.358	6.364	-0.006	92	262217	20.0	20.2	
59 Coumarin	146	6.448	6.456	-0.008	76	125745	20.0	19.5	
58 Dimethyl phthalate	163	6.451	6.459	-0.008	99	377274	20.0	20.3	
60 2,6-Dinitrotoluene	165	6.502	6.511	-0.009	95	86842	20.0	20.5	
63 Acenaphthylene	152	6.534	6.539	-0.005	98	499430	20.0	20.5	
64 3-Nitroaniline	65	6.652	6.661	-0.009	98	105517	20.0	20.1	
* 65 Acenaphthene-d10	164	6.672	6.677	-0.005	95	540979	40.0	40.0	
67 Acenaphthene	154	6.704	6.709	-0.005	95	305636	20.0	20.7	
66 3,5-di-tert-butyl-4-hydroxytol	205	6.723	6.728	-0.005	97	287039	20.0	20.8	
68 2,4-Dinitrophenol	184	6.761	6.773	-0.012	95	97656	40.0	37.6	
69 4-Nitrophenol	65	6.838	6.853	-0.015	89	116207	40.0	40.2	
71 Dibenzofuran	168	6.870	6.875	-0.005	97	476493	20.0	20.6	
70 2,4-Dinitrotoluene	165	6.883	6.895	-0.012	98	117948	20.0	20.5	
72 2,3,4,6-Tetrachlorophenol	232	6.995	7.000	-0.005	97	105170	20.0	19.7	
73 Diethyl phthalate	149	7.129	7.138	-0.009	99	362739	20.0	19.8	
74 Fluorene	166	7.196	7.202	-0.006	94	374331	20.0	20.5	
75 4-Chlorophenyl phenyl ether	204	7.212	7.214	-0.002	93	192283	20.0	20.3	
76 4-Nitroaniline	138	7.238	7.256	-0.018	89	92754	20.0	19.7	
77 4,6-Dinitro-2-methylphenol	198	7.273	7.285	-0.012	92	149397	40.0	42.3	
78 N-Nitrosodiphenylamine	169	7.327	7.336	-0.009	68	275396	20.0	20.5	
134 Azobenzene	77	7.362	7.368	-0.006	97	343355	20.0	20.8	
79 1,2-Diphenylhydrazine	77	7.362	7.368	-0.006	50	343923	20.0	20.7	
$ 80 2,4,6-Tribromophenol	330	7.423	7.432	-0.009	89	109583	20.0	20.1	
81 4-Bromophenyl phenyl ether	248	7.672	7.675	-0.003	98	127601	20.0	20.4	
82 Hexachlorobenzene	284	7.714	7.720	-0.006	93	171233	20.0	20.1	
83 Atrazine	200	7.854	7.860	-0.006	95	91282	16.0	16.1	
84 Pentachlorophenol	266	7.912	7.918	-0.006	96	201361	40.0	42.4	
85 Pentachloronitrobenzene	237	7.921	7.928	-0.007	94	51081	20.0	19.9	
86 n-Octadecane	57	8.040	8.043	-0.003	91	215628	20.0	20.9	
* 87 Phenanthrene-d10	188	8.081	8.085	-0.004	98	1060165	40.0	40.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
88 Phenanthrene	178	8.104	8.110	-0.006	97	550802	20.0	20.6	
89 Anthracene	178	8.152	8.158	-0.006	99	573883	20.0	20.9	
90 Carbazole	167	8.318	8.325	-0.007	96	513535	20.0	20.5	
91 Di-n-butyl phthalate	149	8.688	8.692	-0.004	99	602178	20.0	20.6	a
92 Fluoranthene	202	9.231	9.235	-0.004	98	606344	20.0	20.6	
93 Benzidine	184	9.381	9.385	-0.004	99	300703	20.0	20.7	
94 Pyrene	202	9.442	9.446	-0.004	97	635615	20.0	20.3	
95 Bisphenol-A	213	9.528	9.532	-0.004	98	277932	20.0	20.0	
$ 96 Terphenyl-d14	244	9.617	9.622	-0.005	97	589732	20.0	20.2	
97 Butyl benzyl phthalate	149	10.112	10.117	-0.005	95	256443	20.0	20.3	
99 Carbamazepine	193	10.186	10.198	-0.012	93	229484	20.0	19.7	
100 3,3'-Dichlorobenzidine	252	10.614	10.623	-0.009	98	261385	20.0	20.9	
101 Benzo[a]anthracene	228	10.620	10.623	-0.003	99	633651	20.0	20.3	
* 102 Chrysene-d12	240	10.630	10.639	-0.009	99	951237	40.0	40.0	
103 Chrysene	228	10.659	10.664	-0.005	98	608511	20.0	20.5	
104 Bis(2-ethylhexyl) phthalate	149	10.726	10.725	0.001	86	355433	20.0	20.2	
105 Di-n-octyl phthalate	149	11.470	11.476	-0.006	96	582658	20.0	20.6	
106 Benzo[b]fluoranthene	252	11.834	11.846	-0.012	99	634952	20.0	20.9	
107 Benzo[k]fluoranthene	252	11.869	11.882	-0.013	99	685516	20.0	20.8	
108 Benzo[a]pyrene	252	12.237	12.246	-0.010	98	600282	20.0	21.2	
* 109 Perylene-d12	264	12.313	12.316	-0.003	99	1127496	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	13.709	13.722	-0.013	99	688013	20.0	21.0	
111 Dibenz(a,h)anthracene	278	13.747	13.760	-0.013	98	684234	20.0	20.8	
112 Benzo[g,h,i]perylene	276	14.051	14.071	-0.020	98	639622	20.0	20.7	
S 119 Total Cresols	1				0			40.9	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SV_BNA_L6_00006 Amount Added: 1.00 Units: mL

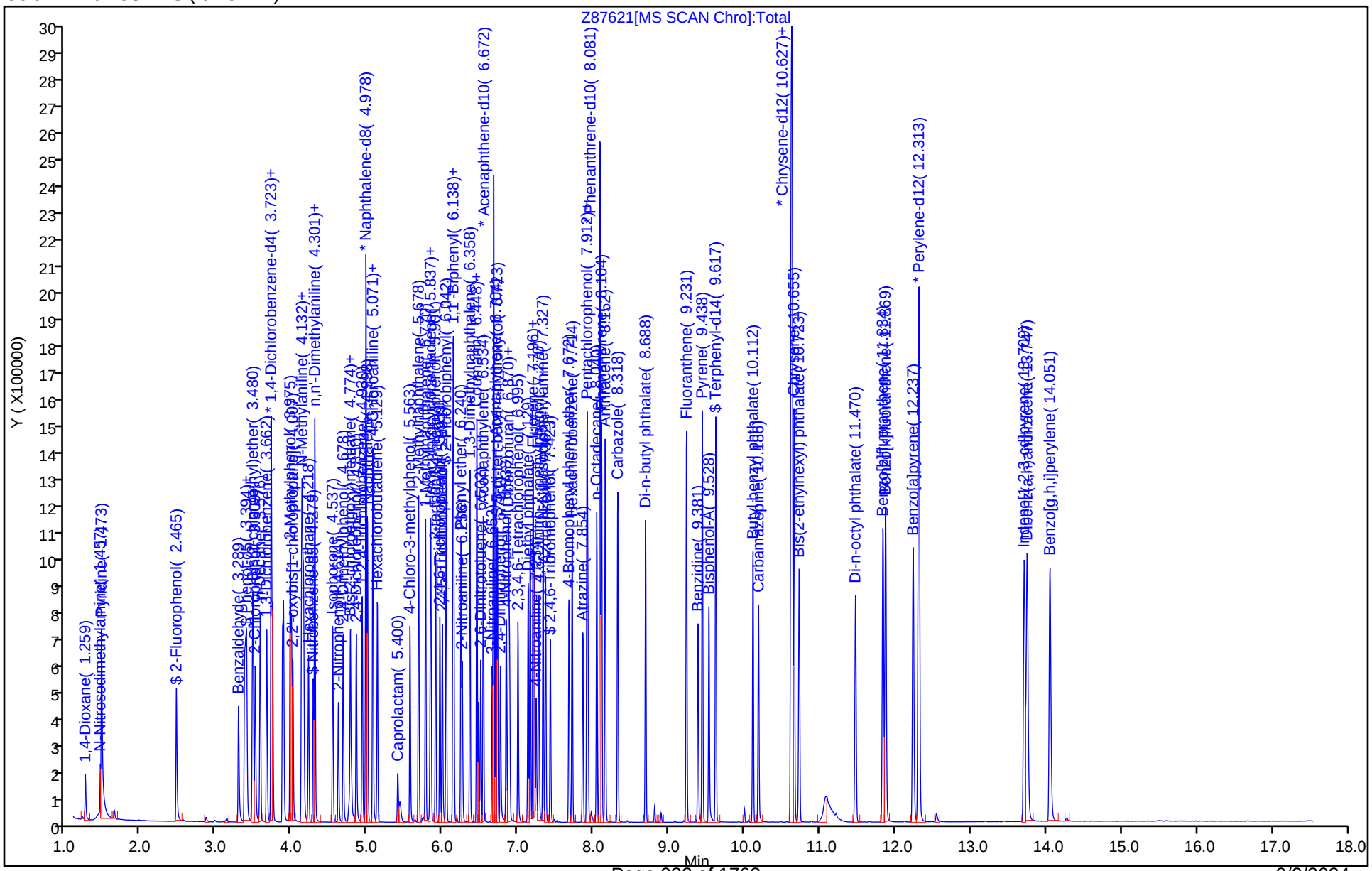
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Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20240808-179362.b\Z87621.d

Injection Date:	08-Aug-2024 08:39:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	STD20			Worklist Smp#:	5
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8270_11R_9	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20240808-179362.b\Z87622.d
Lims ID: STD10
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 08-Aug-2024 09:01:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0179362-006
Operator ID: Instrument ID: CBNAMS11
Sublist: chrom-8270_11R_9*sub51

Method: \\chromfs\Edison\ChromData\CBNAMS11\20240808-179362.b\8270_11R_9.m
Limit Group: SV 8270E ICAL
Last Update: 08-Aug-2024 11:30:42 Calib Date: 08-Aug-2024 10:31:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS11\20240808-179362.b\Z87626.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1667

First Level Reviewer: G4KC Date: 08-Aug-2024 09:28:07

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.265	1.262	0.003	94	33078	10.0	10.5	
2 N-Nitrosodimethylamine	74	1.466	1.460	0.006	93	47084	10.0	9.87	
3 Pyridine	79	1.479	1.472	0.007	94	154284	20.0	20.1	
$ 4 2-Fluorophenol	112	2.468	2.468	0.000	97	90371	10.0	10.2	
5 Benzaldehyde	77	3.288	3.292	-0.004	97	77240	10.0	10.7	
$ 6 Phenol-d5	99	3.368	3.378	-0.010	96	121190	10.0	10.5	
7 Phenol	94	3.384	3.394	-0.010	94	130275	10.0	10.5	a
8 Aniline	93	3.397	3.401	-0.003	98	140918	10.0	10.4	
9 Bis(2-chloroethyl)ether	93	3.470	3.480	-0.010	97	88286	10.0	10.2	
11 2-Chlorophenol	128	3.512	3.516	-0.004	97	97538	10.0	9.96	
12 n-Decane	43	3.576	3.580	-0.004	91	93498	10.0	10.5	
13 1,3-Dichlorobenzene	146	3.665	3.666	-0.001	98	109929	10.0	10.3	
* 14 1,4-Dichlorobenzene-d4	152	3.723	3.727	-0.003	95	286965	40.0	40.0	
15 1,4-Dichlorobenzene	146	3.742	3.742	0.000	96	114170	10.0	10.4	
16 Benzyl alcohol	108	3.873	3.880	-0.007	95	63330	10.0	10.3	
17 1,2-Dichlorobenzene	146	3.886	3.889	-0.003	97	107279	10.0	10.3	
18 2-Methylphenol	108	3.991	3.998	-0.007	92	86862	10.0	10.3	
19 2,2'-oxybis[1-chloropropane]	45	4.010	4.014	-0.004	94	121862	10.0	10.5	a
20 N-Methylaniline	106	4.125	4.132	-0.007	95	147755	10.0	10.2	
22 Acetophenone	105	4.135	4.142	-0.007	94	137112	10.0	10.3	
21 N-Nitrosodi-n-propylamine	70	4.141	4.155	-0.014	87	68617	10.0	10.5	
23 3 & 4 Methylphenol	108	4.151	4.164	-0.013	78	93129	10.0	10.2	
24 4-Methylphenol	108	4.151	4.164	-0.013	94	93129	10.0	10.2	
25 Hexachloroethane	117	4.218	4.219	-0.001	92	37622	10.0	9.98	
$ 26 Nitrobenzene-d5	82	4.278	4.286	-0.008	85	104018	10.0	10.4	
27 Nitrobenzene	123	4.298	4.308	-0.010	95	48263	10.0	10.4	
28 n,n'-Dimethylaniline	120	4.301	4.308	-0.007	93	152259	10.0	10.3	
31 Isophorone	82	4.537	4.551	-0.014	99	180158	10.0	10.2	
32 2-Nitrophenol	139	4.614	4.618	-0.004	96	52911	10.0	9.94	
33 2,4-Dimethylphenol	122	4.678	4.682	-0.004	92	70480	10.0	9.95	
34 Bis(2-chloroethoxy)methane	93	4.770	4.778	-0.008	98	111460	10.0	10.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	4.767	4.838	-0.071	89	44233	10.0	9.66	M
36 2,4-Dichlorophenol	162	4.850	4.858	-0.008	97	83613	10.0	10.1	
37 1,2,4-Trichlorobenzene	180	4.930	4.931	-0.001	94	94029	10.0	10.1	
* 38 Naphthalene-d8	136	4.978	4.982	-0.004	99	1089771	40.0	40.0	
39 Naphthalene	128	5.000	5.005	-0.005	99	291434	10.0	10.4	
40 4-Chloroaniline	127	5.067	5.075	-0.008	92	121635	10.0	10.3	
133 2,6-Dichlorophenol	162	5.070	5.075	-0.005	83	83398	10.0	10.2	
41 Hexachlorobutadiene	225	5.131	5.133	-0.002	98	57842	10.0	10.2	
42 Caprolactam	55	5.393	5.497	-0.104	94	41592	10.0	9.85	a
43 4-Chloro-3-methylphenol	107	5.562	5.567	-0.005	95	78841	10.0	10.1	
44 2-Methylnaphthalene	142	5.677	5.682	-0.005	85	197108	10.0	10.4	
45 1-Methylnaphthalene	142	5.770	5.775	-0.005	92	180074	10.0	10.3	
46 Hexachlorocyclopentadiene	237	5.830	5.836	-0.006	98	41990	10.0	9.78	
47 1,2,4,5-Tetrachlorobenzene	216	5.840	5.845	-0.005	99	102005	10.0	10.3	
48 2-tertbutyl-4-methylphenol	149	5.904	5.906	-0.002	92	121135	10.0	10.1	
49 2,4,6-Trichlorophenol	196	5.958	5.964	-0.006	93	63093	10.0	10.0	
50 2,4,5-Trichlorophenol	196	5.993	5.996	-0.003	99	71887	10.0	10.1	
$ 51 2-Fluorobiphenyl	172	6.041	6.047	-0.006	98	238708	10.0	10.4	
52 1,1'-Biphenyl	154	6.134	6.140	-0.006	96	241742	10.0	10.6	
53 2-Chloronaphthalene	162	6.144	6.149	-0.005	98	188198	10.0	10.4	
54 Phenyl ether	170	6.239	6.245	-0.006	88	139203	10.0	10.4	
55 2-Nitroaniline	65	6.255	6.264	-0.009	97	52645	10.0	10.2	
57 1,3-Dimethylnaphthalene	156	6.358	6.364	-0.006	92	149838	10.0	10.2	
59 Coumarin	146	6.447	6.456	-0.009	71	74432	10.0	10.2	
58 Dimethyl phthalate	163	6.447	6.459	-0.012	99	220630	10.0	10.5	
60 2,6-Dinitrotoluene	165	6.501	6.511	-0.010	95	50124	10.0	10.5	
63 Acenaphthylene	152	6.533	6.539	-0.006	98	289822	10.0	10.5	
64 3-Nitroaniline	65	6.651	6.661	-0.010	98	62097	10.0	10.5	
* 65 Acenaphthene-d10	164	6.674	6.677	-0.003	96	611427	40.0	40.0	
67 Acenaphthene	154	6.703	6.709	-0.006	95	175482	10.0	10.5	
66 3,5-di-tert-butyl-4-hydroxytol	205	6.722	6.728	-0.006	96	155696	10.0	9.99	
68 2,4-Dinitrophenol	184	6.760	6.773	-0.013	96	48871	20.0	18.3	
69 4-Nitrophenol	65	6.837	6.853	-0.016	88	65247	20.0	20.0	
71 Dibenzofuran	168	6.869	6.875	-0.006	97	276002	10.0	10.5	
70 2,4-Dinitrotoluene	165	6.882	6.895	-0.013	97	67487	10.0	10.4	
72 2,3,4,6-Tetrachlorophenol	232	6.993	7.000	-0.007	98	61374	10.0	10.2	
73 Diethyl phthalate	149	7.128	7.138	-0.010	99	212664	10.0	10.3	
74 Fluorene	166	7.195	7.202	-0.007	93	217204	10.0	10.5	
75 4-Chlorophenyl phenyl ether	204	7.211	7.214	-0.003	93	109447	10.0	10.2	
76 4-Nitroaniline	138	7.233	7.256	-0.023	90	53531	10.0	10.1	
77 4,6-Dinitro-2-methylphenol	198	7.268	7.285	-0.017	94	82720	20.0	20.2	
78 N-Nitrosodiphenylamine	169	7.326	7.336	-0.010	68	160179	10.0	10.3	
134 Azobenzene	77	7.361	7.368	-0.007	97	196197	10.0	10.3	
79 1,2-Diphenylhydrazine	77	7.361	7.368	-0.007	50	196682	10.0	10.3	
$ 80 2,4,6-Tribromophenol	330	7.422	7.432	-0.010	89	62865	10.0	10.2	
81 4-Bromophenyl phenyl ether	248	7.671	7.675	-0.004	98	73049	10.0	10.1	
82 Hexachlorobenzene	284	7.712	7.720	-0.008	92	101619	10.0	10.3	
83 Atrazine	200	7.856	7.860	-0.004	95	68366	10.0	10.4	
84 Pentachlorophenol	266	7.910	7.918	-0.008	96	112639	20.0	20.5	
85 Pentachloronitrobenzene	237	7.920	7.928	-0.008	94	30181	10.0	10.2	
86 n-Octadecane	57	8.038	8.043	-0.005	91	126613	10.0	10.6	
* 87 Phenanthrene-d10	188	8.083	8.085	-0.002	98	1225546	40.0	40.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
88 Phenanthrene	178	8.102	8.110	-0.008	97	324458	10.0	10.5	
89 Anthracene	178	8.150	8.158	-0.008	99	335226	10.0	10.5	
90 Carbazole	167	8.316	8.325	-0.009	95	303924	10.0	10.5	
91 Di-n-butyl phthalate	149	8.686	8.692	-0.006	99	350868	10.0	10.4	a
92 Fluoranthene	202	9.229	9.235	-0.006	98	358622	10.0	10.5	
93 Benzidine	184	9.382	9.385	-0.003	99	186609	10.0	11.1	
94 Pyrene	202	9.440	9.446	-0.006	97	374987	10.0	10.4	
95 Bisphenol-A	213	9.526	9.532	-0.006	99	150469	10.0	9.43	
$ 96 Terphenyl-d14	244	9.619	9.622	-0.003	97	347543	10.0	10.4	
97 Butyl benzyl phthalate	149	10.110	10.117	-0.007	96	139146	10.0	9.60	
99 Carbamazepine	193	10.184	10.198	-0.014	93	123794	10.0	9.27	
100 3,3'-Dichlorobenzidine	252	10.615	10.623	-0.008	98	149000	10.0	10.4	
101 Benzo[a]anthracene	228	10.618	10.623	-0.005	99	360858	10.0	10.1	
* 102 Chrysene-d12	240	10.631	10.639	-0.008	99	1091099	40.0	40.0	
103 Chrysene	228	10.656	10.664	-0.008	98	351078	10.0	10.3	
104 Bis(2-ethylhexyl) phthalate	149	10.724	10.725	-0.001	86	194825	10.0	9.66	
105 Di-n-octyl phthalate	149	11.471	11.476	-0.005	96	311813	10.0	9.70	
106 Benzo[b]fluoranthene	252	11.834	11.846	-0.012	99	355972	10.0	10.3	
107 Benzo[k]fluoranthene	252	11.866	11.882	-0.016	99	388598	10.0	10.4	
108 Benzo[a]pyrene	252	12.234	12.246	-0.012	98	336892	10.0	10.4	
* 109 Perylene-d12	264	12.314	12.316	-0.002	99	1284757	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	13.705	13.722	-0.017	99	380944	10.0	10.2	
111 Dibenz(a,h)anthracene	278	13.744	13.760	-0.016	98	385758	10.0	10.3	
112 Benzo[g,h,i]perylene	276	14.047	14.071	-0.024	98	360035	10.0	10.2	
S 119 Total Cresols	1				0			20.5	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SV_BNA_L5_00006 Amount Added: 1.00 Units: mL

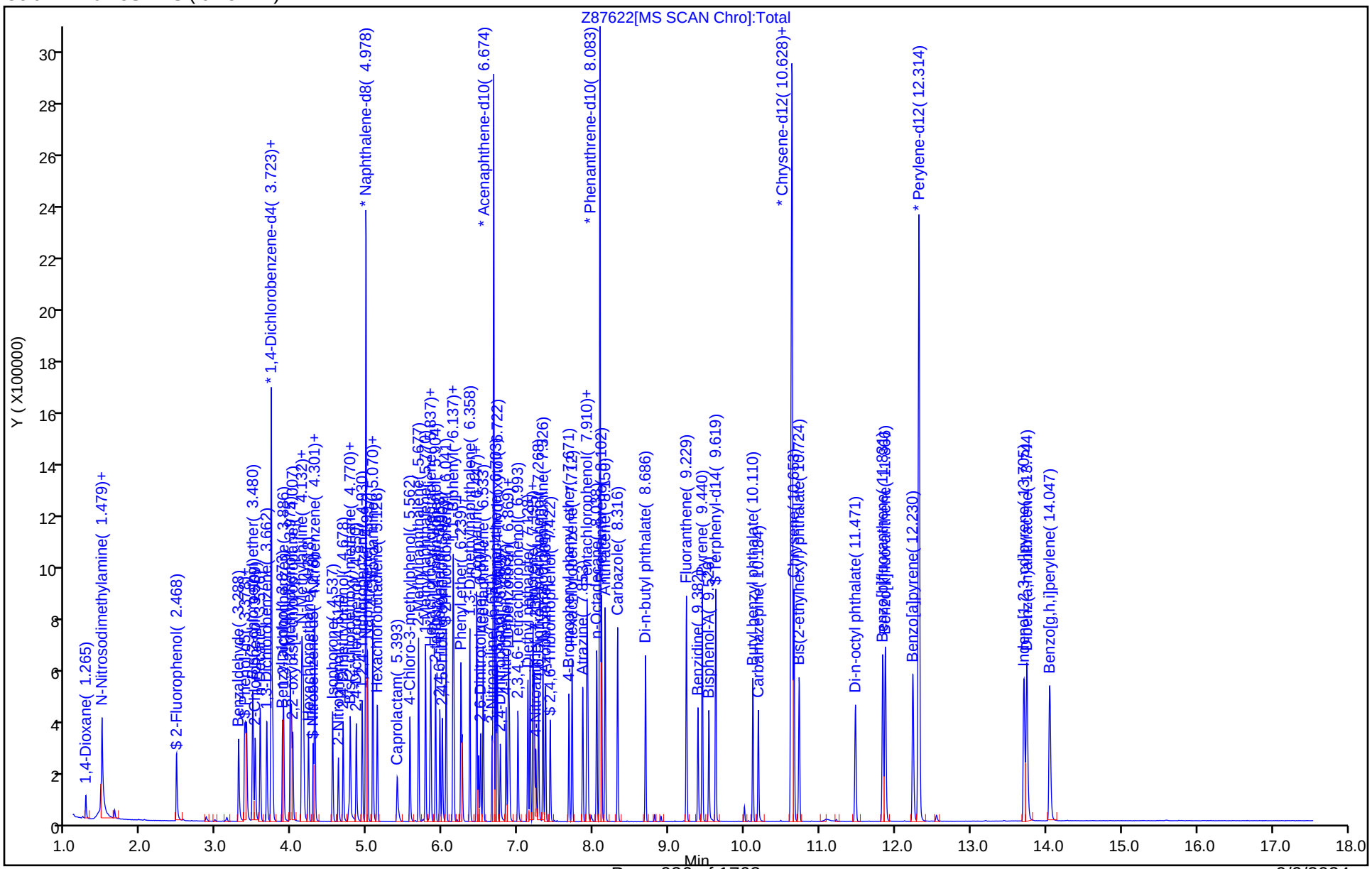
Report Date: 08-Aug-2024 11:30:44 Chrom Revision: 2.3 16-Jul-2024 14:17:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20240808-179362.b\Z87622.d

Injection Date:	08-Aug-2024 09:01:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	STD10			Worklist Smp#:	6
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8270_11R_9	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



9/9/2024
1:05:41 PM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20240808-179362.b\Z87623.d
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 08-Aug-2024 09:24:30 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0179362-007
Operator ID: Instrument ID: CBNAMS11
Sublist: chrom-8270_11R_9*sub51

Method: \\chromfs\Edison\ChromData\CBNAMS11\20240808-179362.b\8270_11R_9.m
Limit Group: SV 8270E ICAL
Last Update: 08-Aug-2024 11:30:47 Calib Date: 08-Aug-2024 10:31:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS11\20240808-179362.b\Z87626.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1667

First Level Reviewer: G4KC Date: 08-Aug-2024 09:44:56

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.265	1.262	0.003	94	15640	5.00	4.99	
2 N-Nitrosodimethylamine	74	1.473	1.460	0.013	94	21693	5.00	4.59	
3 Pyridine	79	1.485	1.472	0.013	94	72650	10.0	9.54	
$ 4 2-Fluorophenol	112	2.468	2.468	0.000	96	40723	5.00	4.64	
5 Benzaldehyde	77	3.291	3.292	-0.001	96	37963	5.00	5.31	
$ 6 Phenol-d5	99	3.368	3.378	-0.010	96	56187	5.00	4.92	
7 Phenol	94	3.381	3.394	-0.013	92	61311	5.00	4.98	a
8 Aniline	93	3.397	3.401	-0.003	98	68865	5.00	5.11	
9 Bis(2-chloroethyl)ether	93	3.473	3.480	-0.007	96	44031	5.00	5.13	
11 2-Chlorophenol	128	3.512	3.516	-0.004	98	47403	5.00	4.89	
12 n-Decane	43	3.576	3.580	-0.004	91	45241	5.00	5.13	
13 1,3-Dichlorobenzene	146	3.662	3.666	-0.004	97	53917	5.00	5.07	
* 14 1,4-Dichlorobenzene-d4	152	3.723	3.727	-0.003	95	284438	40.0	40.0	
15 1,4-Dichlorobenzene	146	3.742	3.742	0.000	92	55361	5.00	5.08	
16 Benzyl alcohol	108	3.873	3.880	-0.007	94	28386	5.00	4.65	
17 1,2-Dichlorobenzene	146	3.885	3.889	-0.004	97	53236	5.00	5.16	
18 2-Methylphenol	108	3.991	3.998	-0.007	91	40576	5.00	4.85	
19 2,2'-oxybis[1-chloropropane]	45	4.007	4.014	-0.007	95	59568	5.00	5.18	a
20 N-Methylaniline	106	4.125	4.132	-0.007	95	71644	5.00	4.98	
22 Acetophenone	105	4.135	4.142	-0.008	94	66802	5.00	5.06	
21 N-Nitrosodi-n-propylamine	70	4.141	4.155	-0.014	89	31997	5.00	4.94	
23 3 & 4 Methylphenol	108	4.150	4.164	-0.014	81	44307	5.00	4.91	
24 4-Methylphenol	108	4.150	4.164	-0.014	93	44307	5.00	4.91	
25 Hexachloroethane	117	4.218	4.219	-0.001	92	18827	5.00	5.04	
$ 26 Nitrobenzene-d5	82	4.278	4.286	-0.008	85	49004	5.00	5.04	
28 n,n'-Dimethylaniline	120	4.301	4.308	-0.007	88	74732	5.00	5.11	
27 Nitrobenzene	123	4.297	4.308	-0.011	90	23887	5.00	5.18	
31 Isophorone	82	4.537	4.551	-0.014	99	87024	5.00	5.03	
32 2-Nitrophenol	139	4.613	4.618	-0.005	96	24846	5.00	4.78	
33 2,4-Dimethylphenol	122	4.677	4.682	-0.005	92	34262	5.00	4.95	
34 Bis(2-chloroethoxy)methane	93	4.773	4.778	-0.005	99	54520	5.00	5.10	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	4.747	4.838	-0.091	87	15618	5.00	5.18	M
36 2,4-Dichlorophenol	162	4.850	4.858	-0.008	97	39601	5.00	4.91	
37 1,2,4-Trichlorobenzene	180	4.930	4.931	-0.001	94	46661	5.00	5.11	
* 38 Naphthalene-d8	136	4.977	4.982	-0.005	99	1064370	40.0	40.0	
39 Naphthalene	128	5.000	5.005	-0.005	99	143782	5.00	5.27	
40 4-Chloroaniline	127	5.070	5.075	-0.005	92	59490	5.00	5.18	
133 2,6-Dichlorophenol	162	5.070	5.075	-0.005	85	40446	5.00	5.05	
41 Hexachlorobutadiene	225	5.128	5.133	-0.005	98	27651	5.00	4.97	
42 Caprolactam	55	5.383	5.497	-0.114	93	19927	5.00	4.83	a
43 4-Chloro-3-methylphenol	107	5.562	5.567	-0.005	96	37693	5.00	4.93	
44 2-Methylnaphthalene	142	5.677	5.682	-0.005	84	96059	5.00	5.20	
45 1-Methylnaphthalene	142	5.769	5.775	-0.006	92	90423	5.00	5.31	
46 Hexachlorocyclopentadiene	237	5.830	5.836	-0.006	98	17412	5.00	4.11	
47 1,2,4,5-Tetrachlorobenzene	216	5.839	5.845	-0.006	99	49876	5.00	5.09	
48 2-tertbutyl-4-methylphenol	149	5.900	5.906	-0.006	92	58293	5.00	4.99	
49 2,4,6-Trichlorophenol	196	5.958	5.964	-0.006	93	29974	5.00	4.81	
50 2,4,5-Trichlorophenol	196	5.993	5.996	-0.003	98	34950	5.00	4.98	
$ 51 2-Fluorobiphenyl	172	6.041	6.047	-0.006	98	115425	5.00	5.08	
52 1,1'-Biphenyl	154	6.133	6.140	-0.007	96	118630	5.00	5.29	
53 2-Chloronaphthalene	162	6.143	6.149	-0.006	98	92587	5.00	5.19	
54 Phenyl ether	170	6.239	6.245	-0.006	84	68689	5.00	5.18	
55 2-Nitroaniline	65	6.255	6.264	-0.009	96	26005	5.00	5.11	
57 1,3-Dimethylnaphthalene	156	6.357	6.364	-0.007	92	74564	5.00	5.15	
59 Coumarin	146	6.446	6.456	-0.010	83	36336	5.00	5.08	
58 Dimethyl phthalate	163	6.446	6.459	-0.013	99	107631	5.00	5.20	
60 2,6-Dinitrotoluene	165	6.501	6.511	-0.010	95	23671	5.00	5.02	
63 Acenaphthylene	152	6.533	6.539	-0.007	98	140037	5.00	5.15	
64 3-Nitroaniline	65	6.651	6.661	-0.010	98	30050	5.00	5.13	
* 65 Acenaphthene-d10	164	6.673	6.677	-0.004	98	602901	40.0	40.0	
67 Acenaphthene	154	6.702	6.709	-0.007	95	85453	5.00	5.19	
66 3,5-di-tert-butyl-4-hydroxytol	205	6.721	6.728	-0.007	97	66213	5.00	4.31	
68 2,4-Dinitrophenol	184	6.763	6.773	-0.010	96	19510	10.0	9.19	
69 4-Nitrophenol	65	6.836	6.853	-0.017	89	28631	10.0	8.89	
71 Dibenzofuran	168	6.868	6.875	-0.007	97	135317	5.00	5.24	
70 2,4-Dinitrotoluene	165	6.881	6.895	-0.014	97	33152	5.00	5.16	
72 2,3,4,6-Tetrachlorophenol	232	6.996	7.000	-0.004	97	28504	5.00	4.80	
73 Diethyl phthalate	149	7.123	7.138	-0.015	99	108899	5.00	5.32	
74 Fluorene	166	7.194	7.202	-0.008	94	106929	5.00	5.24	
75 4-Chlorophenyl phenyl ether	204	7.210	7.214	-0.004	93	55482	5.00	5.25	
76 4-Nitroaniline	138	7.229	7.256	-0.027	88	25603	5.00	4.89	
77 4,6-Dinitro-2-methylphenol	198	7.267	7.285	-0.018	91	37151	10.0	9.26	
78 N-Nitrosodiphenylamine	169	7.325	7.336	-0.011	68	79099	5.00	5.18	
134 Azobenzene	77	7.360	7.368	-0.008	97	97555	5.00	5.20	
79 1,2-Diphenylhydrazine	77	7.360	7.368	-0.008	50	98348	5.00	5.23	
$ 80 2,4,6-Tribromophenol	330	7.424	7.432	-0.008	91	29417	5.00	4.85	
81 4-Bromophenyl phenyl ether	248	7.670	7.675	-0.005	97	36045	5.00	5.07	
82 Hexachlorobenzene	284	7.711	7.720	-0.009	92	49271	5.00	5.11	
83 Atrazine	200	7.851	7.860	-0.009	95	32711	5.00	5.09	
84 Pentachlorophenol	266	7.909	7.918	-0.009	96	52507	10.0	9.75	
85 Pentachloronitrobenzene	237	7.919	7.928	-0.009	94	14510	5.00	4.98	
86 n-Octadecane	57	8.040	8.043	-0.003	91	61055	5.00	5.21	
* 87 Phenanthrene-d10	188	8.082	8.085	-0.003	98	1203307	40.0	40.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
88 Phenanthrene	178	8.101	8.110	-0.009	96	161775	5.00	5.34	
89 Anthracene	178	8.149	8.158	-0.009	99	161053	5.00	5.16	
90 Carbazole	167	8.315	8.325	-0.010	96	149185	5.00	5.25	
91 Di-n-butyl phthalate	149	8.685	8.692	-0.007	99	169761	5.00	5.13	a
92 Fluoranthene	202	9.227	9.235	-0.008	98	175623	5.00	5.25	
93 Benzidine	184	9.381	9.385	-0.004	99	95032	5.00	5.75	
94 Pyrene	202	9.438	9.446	-0.008	97	185997	5.00	5.17	
95 Bisphenol-A	213	9.524	9.532	-0.008	98	75393	5.00	4.73	
$ 96 Terphenyl-d14	244	9.617	9.622	-0.005	97	170479	5.00	5.09	
97 Butyl benzyl phthalate	149	10.108	10.117	-0.009	96	67832	5.00	4.69	
99 Carbamazepine	193	10.179	10.198	-0.019	93	53769	5.00	4.03	
100 3,3'-Dichlorobenzidine	252	10.613	10.623	-0.010	98	73787	5.00	5.15	
101 Benzo[a]anthracene	228	10.619	10.623	-0.004	99	181680	5.00	5.07	
* 102 Chrysene-d12	240	10.629	10.639	-0.010	99	1090232	40.0	40.0	
103 Chrysene	228	10.654	10.664	-0.010	98	175390	5.00	5.15	
104 Bis(2-ethylhexyl) phthalate	149	10.722	10.725	-0.003	86	92674	5.00	4.60	
105 Di-n-octyl phthalate	149	11.468	11.476	-0.008	96	143833	5.00	4.48	
106 Benzo[b]fluoranthene	252	11.832	11.846	-0.014	99	168825	5.00	4.89	
107 Benzo[k]fluoranthene	252	11.864	11.882	-0.018	99	197015	5.00	5.26	
108 Benzo[a]pyrene	252	12.231	12.246	-0.015	97	163003	5.00	5.06	
* 109 Perylene-d12	264	12.311	12.316	-0.005	99	1282589	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	13.703	13.722	-0.019	99	183335	5.00	4.92	
111 Dibenz(a,h)anthracene	278	13.741	13.760	-0.019	96	187368	5.00	5.02	
112 Benzo[g,h,i]perylene	276	14.041	14.071	-0.030	98	177004	5.00	5.03	
S 119 Total Cresols	1				0			9.77	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SV_BNA_L4_00006 Amount Added: 1.00 Units: mL

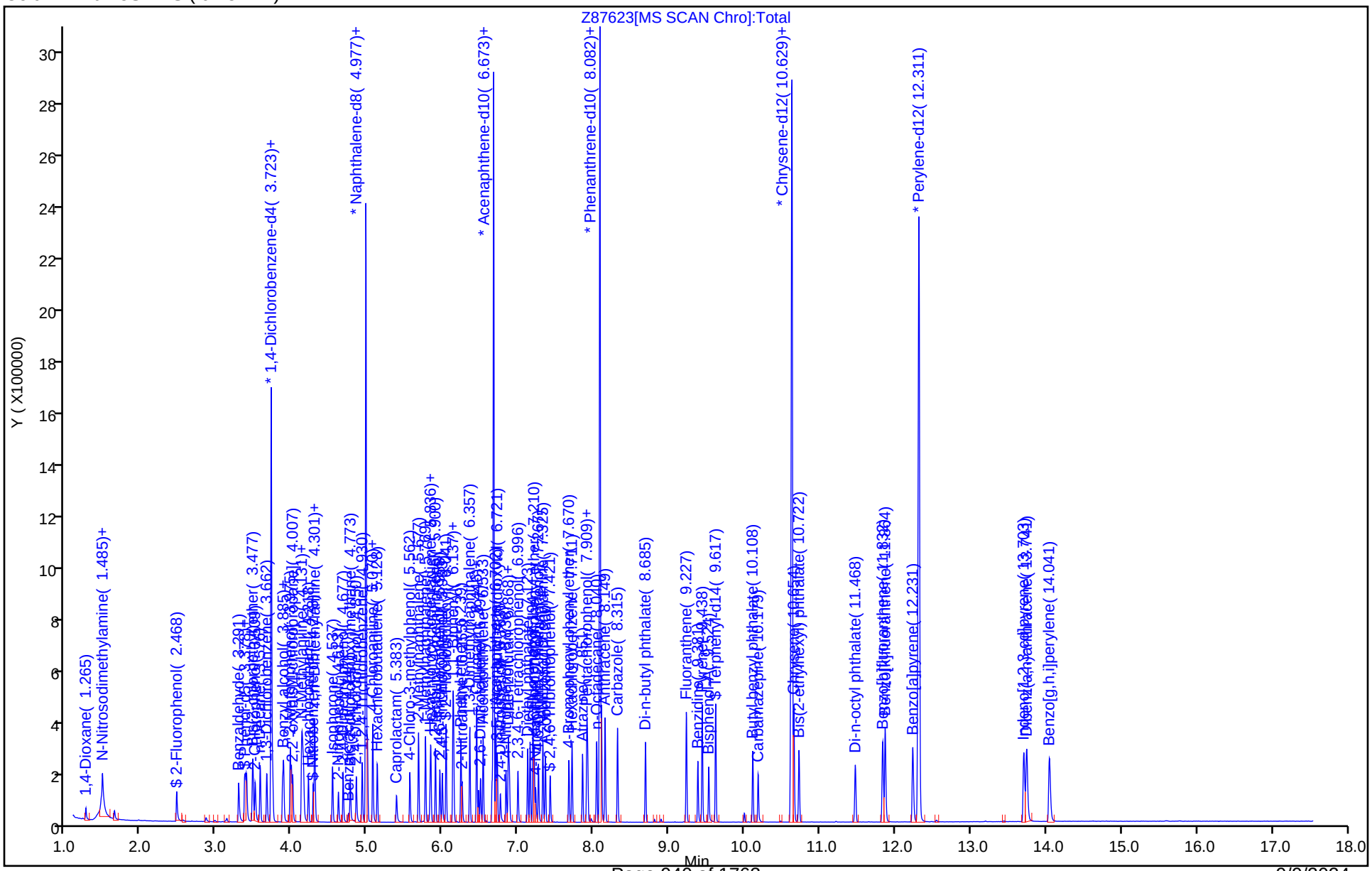
Report Date: 08-Aug-2024 11:30:49 Chrom Revision: 2.3 16-Jul-2024 14:17:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20240808-179362.b\Z87623.d

Injection Date:	08-Aug-2024 09:24:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	STD5			Worklist Smp#:	7
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8270_11R_9	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



9/9/2024
1:05:41 PM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20240808-179362.b\Z87624.d
Lims ID: STD2
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 08-Aug-2024 09:46:30 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0179362-008
Operator ID: Instrument ID: CBNAMS11
Sublist: chrom-8270_11R_9*sub51

Method: \\chromfs\Edison\ChromData\CBNAMS11\20240808-179362.b\8270_11R_9.m
Limit Group: SV 8270E ICAL
Last Update: 08-Aug-2024 11:30:52 Calib Date: 08-Aug-2024 10:31:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS11\20240808-179362.b\Z87626.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1667

First Level Reviewer: G4KC Date: 08-Aug-2024 10:07:46

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.265	1.262	0.003	99	5341	2.00	1.92	
	3 Pyridine	79	1.501	1.472	0.029	93	27738	4.00	4.09	Ma
$	4 2-Fluorophenol	112	2.475	2.468	0.007	97	14876	2.00	1.91	M
	5 Benzaldehyde	77	3.295	3.292	0.003	96	12984	2.00	2.04	
$	6 Phenol-d5	99	3.371	3.378	-0.007	95	19802	2.00	1.95	
	9 Bis(2-chloroethyl)ether	93	3.473	3.480	-0.007	97	15989	2.00	2.09	
*	14 1,4-Dichlorobenzene-d4	152	3.722	3.727	-0.004	95	253130	40.0	40.0	
	21 N-Nitrosodi-n-propylamine	70	4.141	4.155	-0.014	88	11282	2.00	1.96	
	25 Hexachloroethane	117	4.217	4.219	-0.002	91	6672	2.00	2.01	
$	26 Nitrobenzene-d5	82	4.281	4.286	-0.005	84	17236	2.00	1.98	
	27 Nitrobenzene	123	4.300	4.308	-0.008	83	8309	2.00	2.03	
	28 n,n'-Dimethylaniline	120	4.300	4.308	-0.008	88	27332	2.00	2.10	
	31 Isophorone	82	4.536	4.551	-0.015	99	31801	2.00	2.06	
	36 2,4-Dichlorophenol	162	4.852	4.858	-0.006	97	14130	2.00	1.96	
	37 1,2,4-Trichlorobenzene	180	4.929	4.931	-0.002	94	16783	2.00	2.05	
*	38 Naphthalene-d8	136	4.977	4.982	-0.005	99	951336	40.0	40.0	
	133 2,6-Dichlorophenol	162	5.070	5.075	-0.005	86	14238	2.00	1.99	
	41 Hexachlorobutadiene	225	5.130	5.133	-0.003	98	10074	2.00	2.03	
	42 Caprolactam	55	5.376	5.497	-0.121	94	6816	2.00	1.85	a
	49 2,4,6-Trichlorophenol	196	5.960	5.964	-0.004	92	10291	2.00	1.87	
$	51 2-Fluorobiphenyl	172	6.043	6.047	-0.004	98	43036	2.00	2.14	
	60 2,6-Dinitrotoluene	165	6.500	6.511	-0.011	95	7884	2.00	1.89	
*	65 Acenaphthene-d10	164	6.672	6.677	-0.005	95	534104	40.0	40.0	
	68 2,4-Dinitrophenol	184	6.768	6.773	-0.005	94	3409	4.00	4.21	
	70 2,4-Dinitrotoluene	165	6.883	6.895	-0.012	97	10913	2.00	1.92	
	77 4,6-Dinitro-2-methylphenol	198	7.266	7.285	-0.019	91	10103	4.00	2.81	
$	80 2,4,6-Tribromophenol	330	7.422	7.432	-0.010	89	9866	2.00	1.84	
	82 Hexachlorobenzene	284	7.709	7.720	-0.011	93	17397	2.00	2.01	
	83 Atrazine	200	7.850	7.860	-0.010	95	11198	2.00	1.94	
	84 Pentachlorophenol	266	7.911	7.918	-0.007	96	15902	4.00	3.29	
*	87 Phenanthrene-d10	188	8.080	8.085	-0.005	98	1078717	40.0	40.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
91 Di-n-butyl phthalate	149	8.686	8.692	-0.006	99	57879	2.00	1.95	a
$ 96 Terphenyl-d14	244	9.615	9.622	-0.007	97	59684	2.00	2.02	
100 3,3'-Dichlorobenzidine	252	10.610	10.623	-0.013	98	24391	2.00	1.93	
101 Benzo[a]anthracene	228	10.617	10.623	-0.006	99	64323	2.00	2.04	
* 102 Chrysene-d12	240	10.626	10.639	-0.013	99	960977	40.0	40.0	
106 Benzo[b]fluoranthene	252	11.830	11.846	-0.016	99	59491	2.00	1.96	
107 Benzo[k]fluoranthene	252	11.865	11.882	-0.017	99	67471	2.00	2.05	
108 Benzo[a]pyrene	252	12.232	12.246	-0.014	97	54648	2.00	1.93	
* 109 Perylene-d12	264	12.308	12.316	-0.008	99	1124607	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	13.703	13.722	-0.019	98	59268	2.00	1.81	M
111 Dibenz(a,h)anthracene	278	13.742	13.760	-0.018	96	61815	2.00	1.89	
112 Benzo[g,h,i]perylene	276	14.045	14.071	-0.026	98	59968	2.00	1.94	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SV_BNA_L3_00006 Amount Added: 1.00 Units: mL

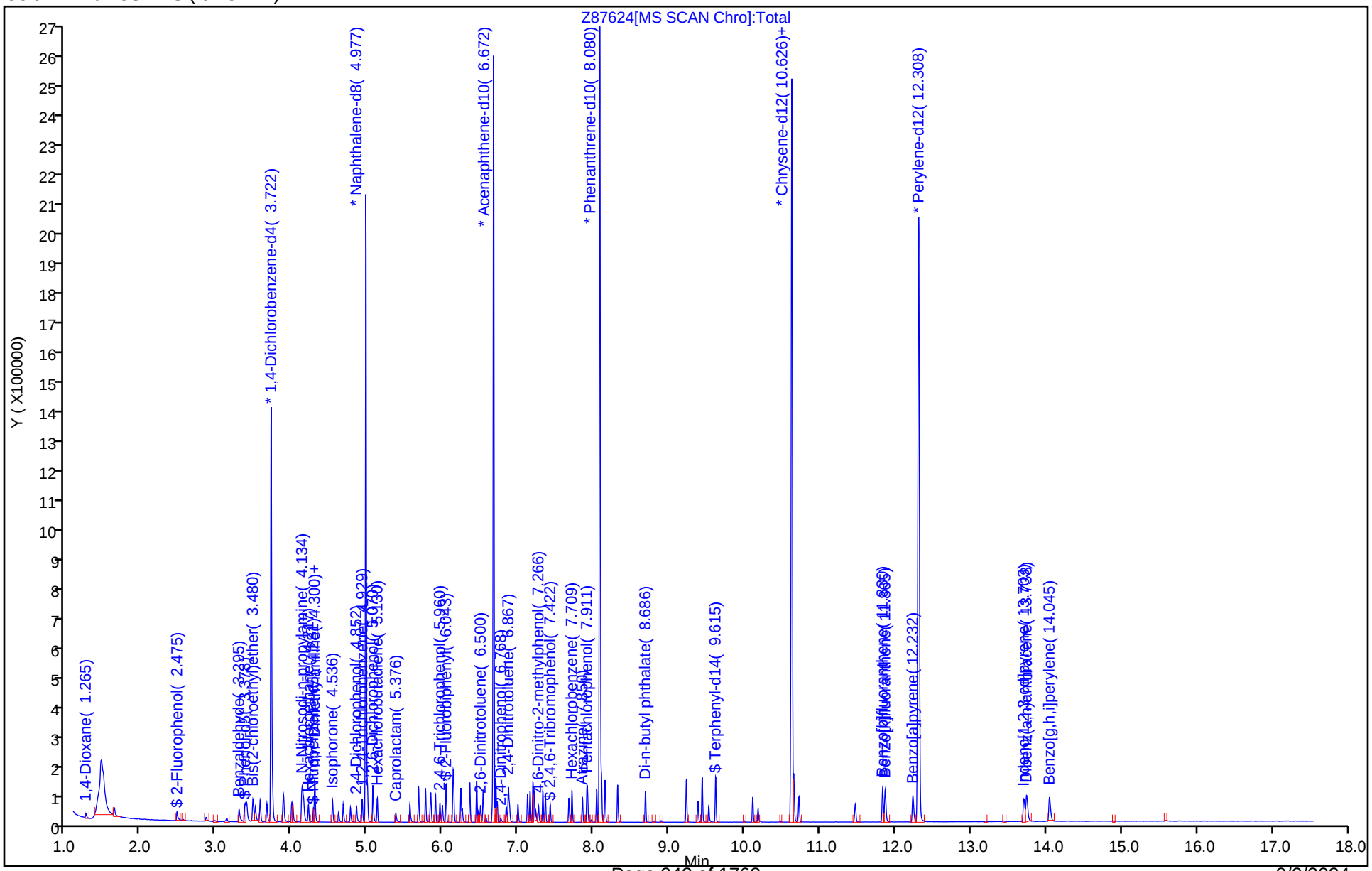
Report Date: 08-Aug-2024 11:30:53 Chrom Revision: 2.3 16-Jul-2024 14:17:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20240808-179362.b\Z87624.d

Injection Date:	08-Aug-2024 09:46:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	STD2			Worklist Smp#:	8
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8270_11R_9	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



9/9/2024
1:05:41 PM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20240808-179362.b\Z87625.d
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 08-Aug-2024 10:09:30 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0179362-009
Operator ID: Instrument ID: CBNAMS11
Sublist: chrom-8270_11R_9*sub51

Method: \\chromfs\Edison\ChromData\CBNAMS11\20240808-179362.b\8270_11R_9.m
Limit Group: SV 8270E ICAL
Last Update: 08-Aug-2024 11:30:56 Calib Date: 08-Aug-2024 10:31:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS11\20240808-179362.b\Z87626.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1667

First Level Reviewer: G4KC Date: 08-Aug-2024 10:41:03

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.271	1.262	0.009	95	2895	1.00	0.9272	
3 Pyridine	79	1.514	1.472	0.042	92	14030	2.00	1.85	M
$ 4 2-Fluorophenol	112	2.478	2.468	0.010	97	7724	1.00	0.8843	M
5 Benzaldehyde	77	3.301	3.292	0.009	95	6217	1.00	0.8724	
$ 6 Phenol-d5	99	3.377	3.378	-0.001	96	10674	1.00	0.9375	
9 Bis(2-chloroethyl)ether	93	3.476	3.480	-0.004	97	8897	1.00	1.04	
* 14 1,4-Dichlorobenzene-d4	152	3.722	3.727	-0.004	95	283380	40.0	40.0	
21 N-Nitrosodi-n-propylamine	70	4.143	4.155	-0.012	88	6372	1.00	0.9866	
25 Hexachloroethane	117	4.217	4.219	-0.002	91	3606	1.00	0.9687	
$ 26 Nitrobenzene-d5	82	4.284	4.286	-0.002	88	8933	1.00	0.9111	
28 n,n'-Dimethylaniline	120	4.300	4.308	-0.008	95	14775	1.00	1.01	
27 Nitrobenzene	123	4.303	4.308	-0.005	91	4205	1.00	0.9159	
37 1,2,4-Trichlorobenzene	180	4.932	4.931	0.001	93	9199	1.00	1.00	
* 38 Naphthalene-d8	136	4.977	4.982	-0.006	99	1072645	40.0	40.0	
41 Hexachlorobutadiene	225	5.130	5.133	-0.003	97	5760	1.00	1.03	
42 Caprolactam	55	5.375	5.497	-0.122	90	2975	1.00	0.7161	a
$ 51 2-Fluorobiphenyl	172	6.042	6.047	-0.005	97	21948	1.00	0.9689	
60 2,6-Dinitrotoluene	165	6.499	6.511	-0.012	95	4112	1.00	0.8752	
* 65 Acenaphthene-d10	164	6.671	6.677	-0.006	96	600904	40.0	40.0	
70 2,4-Dinitrotoluene	165	6.885	6.895	-0.010	96	5492	1.00	0.8582	a
$ 80 2,4,6-Tribromophenol	330	7.422	7.432	-0.010	85	5064	1.00	0.8379	
82 Hexachlorobenzene	284	7.712	7.720	-0.008	92	9869	1.00	1.05	
83 Atrazine	200	7.849	7.860	-0.011	94	5469	1.00	0.8738	
* 87 Phenanthrene-d10	188	8.079	8.085	-0.006	98	1171909	40.0	40.0	
$ 96 Terphenyl-d14	244	9.617	9.622	-0.005	97	30327	1.00	1.00	
101 Benzo[a]anthracene	228	10.616	10.623	-0.007	99	33704	1.00	1.03	
* 102 Chrysene-d12	240	10.625	10.639	-0.014	99	992802	40.0	40.0	
106 Benzo[b]fluoranthene	252	11.828	11.846	-0.018	99	28836	1.00	0.9247	
107 Benzo[k]fluoranthene	252	11.864	11.882	-0.018	99	33798	1.00	1.00	
108 Benzo[a]pyrene	252	12.230	12.246	-0.016	97	27252	1.00	0.9366	
* 109 Perylene-d12	264	12.310	12.316	-0.006	100	1158147	40.0	40.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
110 Indeno[1,2,3-cd]pyrene	276	13.705	13.722	-0.017	98	31180	1.00	0.9258	M
111 Dibenz(a,h)anthracene	278	13.740	13.760	-0.020	97	31898	1.00	0.9460	
112 Benzo[g,h,i]perylene	276	14.044	14.071	-0.027	98	30223	1.00	0.9511	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SV_BNA_L2_00006 Amount Added: 1.00 Units: mL

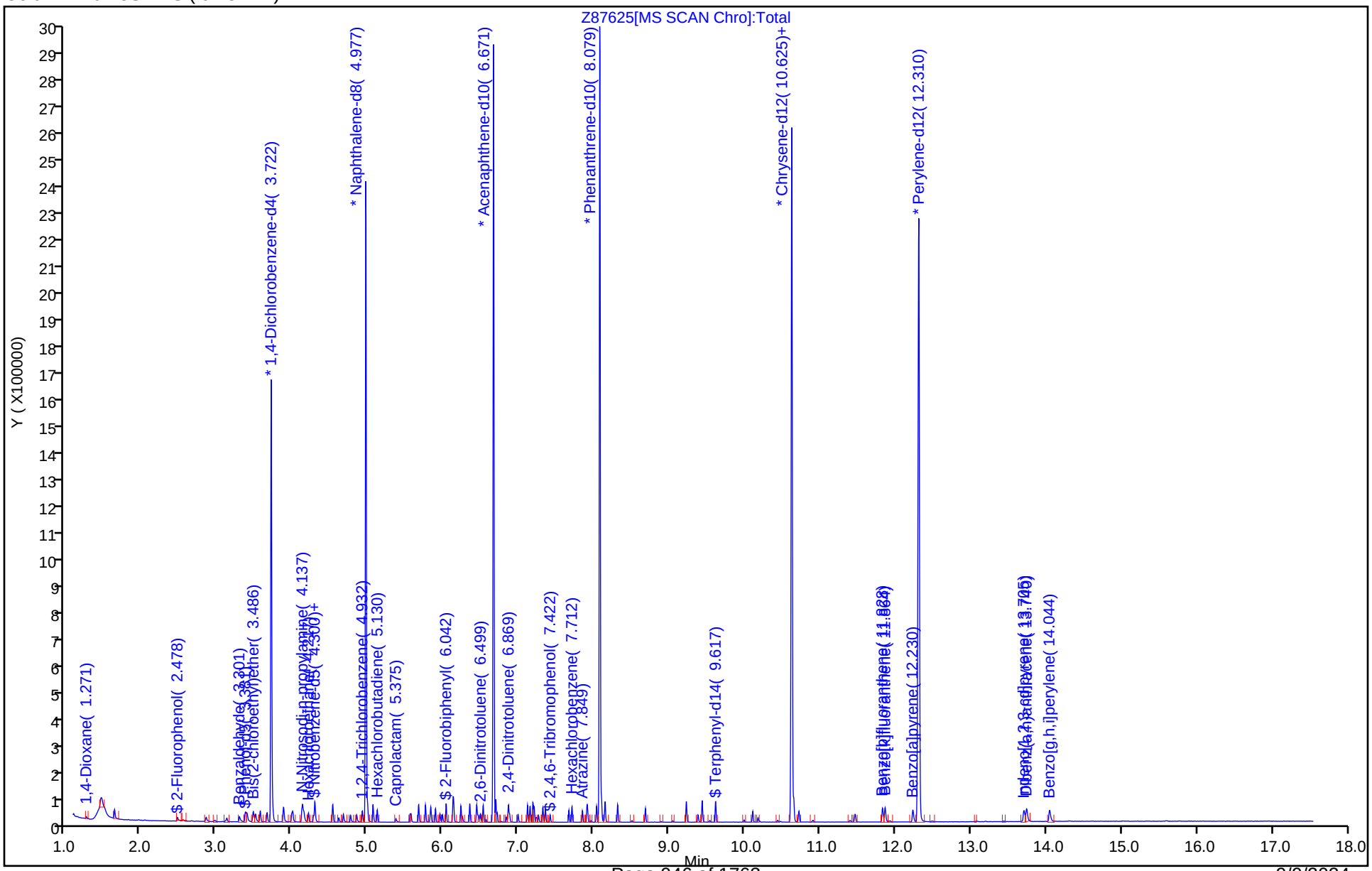
Report Date: 08-Aug-2024 11:30:57 Chrom Revision: 2.3 16-Jul-2024 14:17:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20240808-179362.b\Z87625.d

Injection Date:	08-Aug-2024 10:09:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	STD1			Worklist Smp#:	9
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	8270_11R_9	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



9/9/2024
1:05:41 PM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20240808-179362.b\Z87626.d
Lims ID: STD05
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 08-Aug-2024 10:31:30 ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0179362-010
Operator ID: Instrument ID: CBNAMS11
Sublist: chrom-8270_11R_9*sub51

Method: \\chromfs\Edison\ChromData\CBNAMS11\20240808-179362.b\8270_11R_9.m
Limit Group: SV 8270E ICAL
Last Update: 08-Aug-2024 11:30:59 Calib Date: 08-Aug-2024 10:31:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS11\20240808-179362.b\Z87626.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1667

First Level Reviewer: G4KC Date: 08-Aug-2024 10:58:56

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.272	1.262	0.010	94	1366	0.5000	0.4745	
$ 6 Phenol-d5	99	3.384	3.378	0.006	93	4277	0.5000	0.4074	
9 Bis(2-chloroethyl)ether	93	3.483	3.480	0.003	98	3286	0.5000	0.4171	
* 14 1,4-Dichlorobenzene-d4	152	3.722	3.727	-0.004	95	261279	40.0	40.0	
21 N-Nitrosodi-n-propylamine	70	4.143	4.155	-0.012	81	2751	0.5000	0.4620	
25 Hexachloroethane	117	4.217	4.219	-0.002	91	1651	0.5000	0.4810	
$ 26 Nitrobenzene-d5	82	4.287	4.286	0.001	86	4053	0.5000	0.4418	
27 Nitrobenzene	123	4.306	4.308	-0.002	91	1957	0.5000	0.4623	
28 n,n'-Dimethylaniline	120	4.303	4.308	-0.005	94	6492	0.5000	0.4831	a
37 1,2,4-Trichlorobenzene	180	4.932	4.931	0.001	91	4286	0.5000	0.4974	
* 38 Naphthalene-d8	136	4.976	4.982	-0.006	99	1003656	40.0	40.0	
$ 51 2-Fluorobiphenyl	172	6.042	6.047	-0.005	97	10291	0.5000	0.4787	
* 65 Acenaphthene-d10	164	6.671	6.677	-0.006	95	570249	40.0	40.0	
82 Hexachlorobenzene	284	7.711	7.720	-0.009	91	4282	0.5000	0.4655	
* 87 Phenanthrene-d10	188	8.078	8.085	-0.007	98	1147024	40.0	40.0	
$ 96 Terphenyl-d14	244	9.616	9.622	-0.006	97	13902	0.5000	0.4517	
101 Benzo[a]anthracene	228	10.618	10.623	-0.005	97	17091	0.5000	0.5185	
* 102 Chrysene-d12	240	10.627	10.639	-0.012	99	1002701	40.0	40.0	
106 Benzo[b]fluoranthene	252	11.833	11.846	-0.013	98	13658	0.5000	0.4323	
107 Benzo[k]fluoranthene	252	11.865	11.882	-0.017	98	16068	0.5000	0.4688	
108 Benzo[a]pyrene	252	12.235	12.246	-0.011	97	12375	0.5000	0.4198	
* 109 Perylene-d12	264	12.309	12.316	-0.007	99	1173411	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	13.707	13.722	-0.015	98	13089	0.5000	0.3836	M
111 Dibenz(a,h)anthracene	278	13.745	13.760	-0.015	97	14537	0.5000	0.4255	
112 Benzo[g,h,i]perylene	276	14.048	14.071	-0.023	97	13853	0.5000	0.4303	

QC Flag Legend
Processing Flags

Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

SV_BNA_L1_00006 Amount Added: 1.00 Units: mL

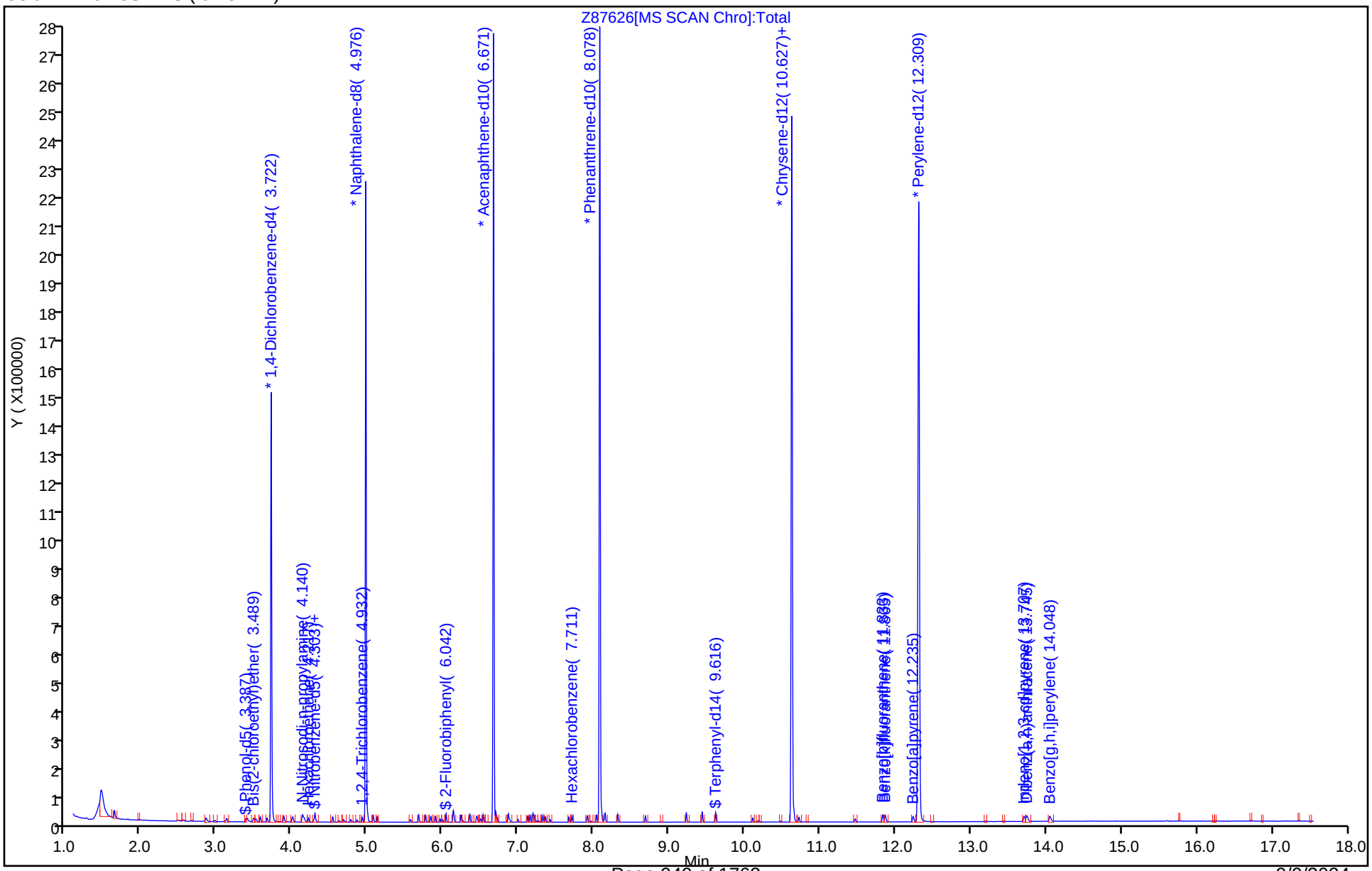
Report Date: 08-Aug-2024 11:31:00 Chrom Revision: 2.3 16-Jul-2024 14:17:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20240808-179362.b\Z87626.d

Injection Date:	08-Aug-2024 10:31:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	STD05			Worklist Smp#:	10
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	8270_11R_9	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



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Calibration / 1,4-Dioxane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

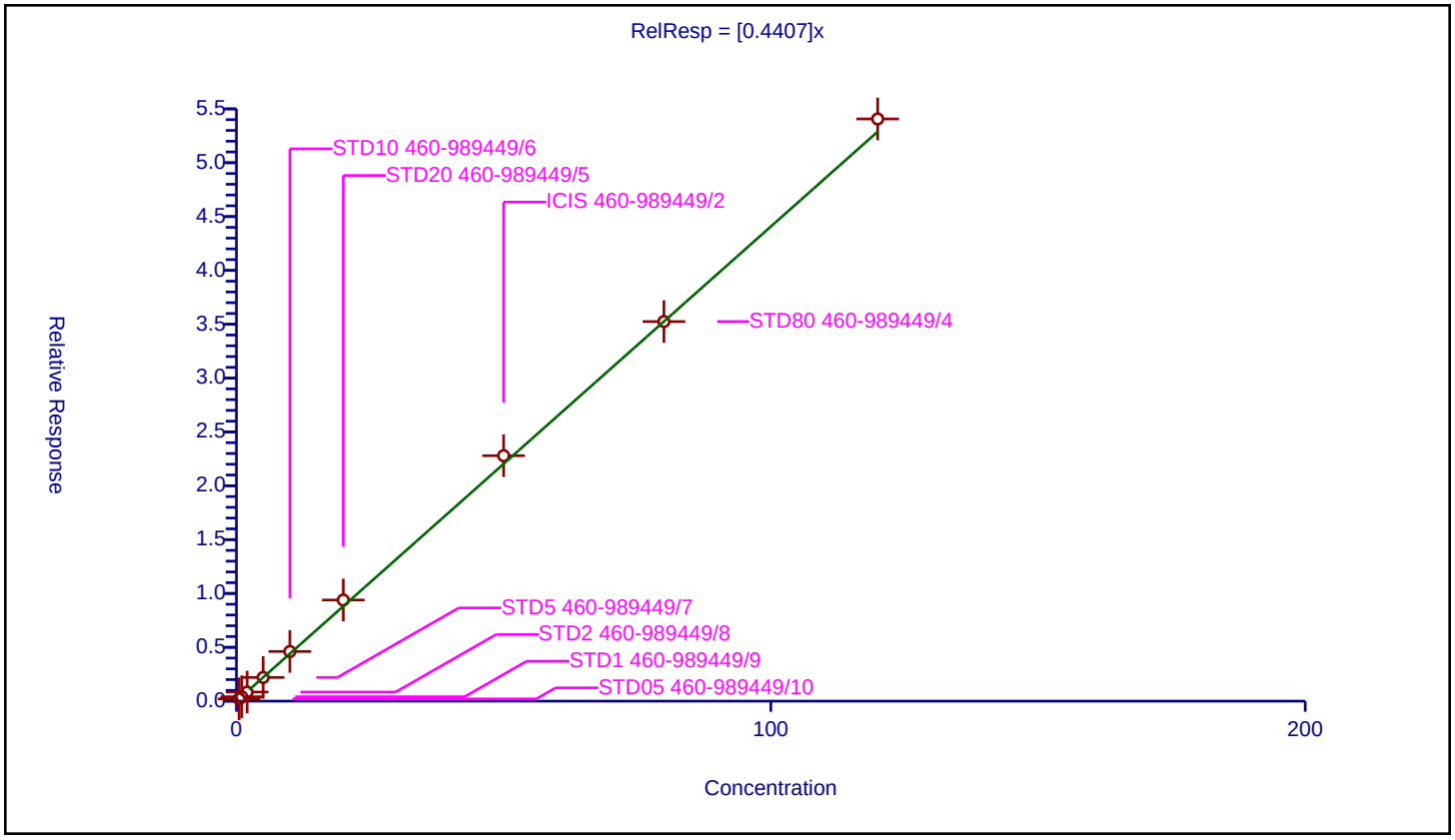
Curve Coefficients

Intercept:	0
Slope:	0.4407

Error Coefficients

Relative Standard Deviation:	4.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-989449/10	0.5	0.209125	40.0	261279.0	0.41825	Y
2	STD1 460-989449/9	1.0	0.408639	40.0	283380.0	0.408639	Y
3	STD2 460-989449/8	2.0	0.843993	40.0	253130.0	0.421997	Y
4	STD5 460-989449/7	5.0	2.199425	40.0	284438.0	0.439885	Y
5	STD10 460-989449/6	10.0	4.610737	40.0	286965.0	0.461074	Y
6	STD20 460-989449/5	20.0	9.389796	40.0	258340.0	0.46949	Y
7	ICIS 460-989449/2	50.0	22.7939	40.0	281184.0	0.455878	Y
8	STD80 460-989449/4	80.0	35.249361	40.0	302132.0	0.440617	Y
9	STD120 460-989449/3	120.0	54.068508	40.0	289600.0	0.450571	Y



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Calibration / N-Nitrosodimethylamine

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

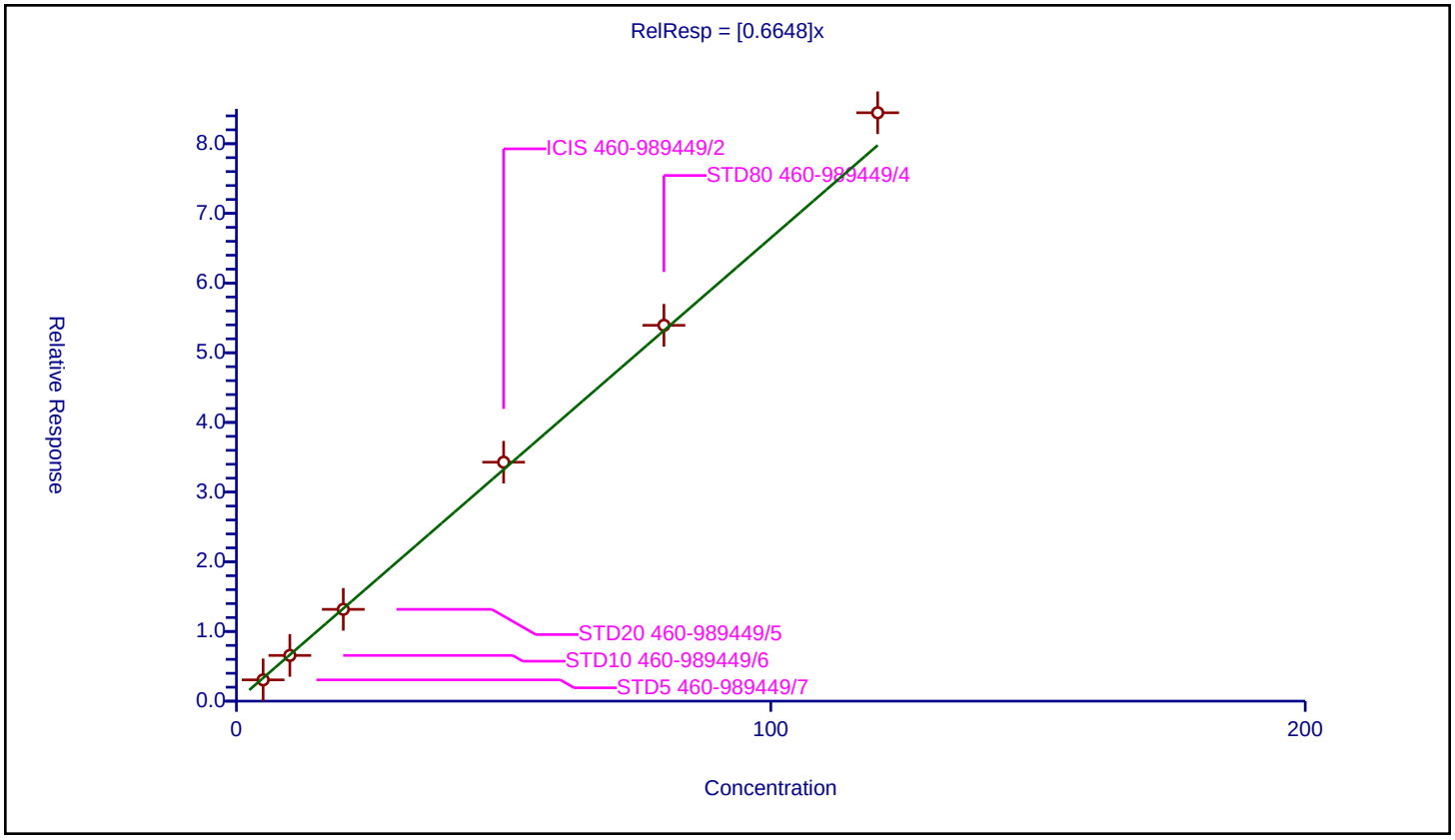
Curve Coefficients

Intercept:	0
Slope:	0.6648

Error Coefficients

Relative Standard Deviation:	4.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-989449/7	5.0	3.050647	40.0	284438.0	0.610129	Y
2	STD10 460-989449/6	10.0	6.56303	40.0	286965.0	0.656303	Y
3	STD20 460-989449/5	20.0	13.173957	40.0	258340.0	0.658698	Y
4	ICIS 460-989449/2	50.0	34.292136	40.0	281184.0	0.685843	Y
5	STD80 460-989449/4	80.0	53.942515	40.0	302132.0	0.674281	Y
6	STD120 460-989449/3	120.0	84.447376	40.0	289600.0	0.703728	Y



Calibration / Pyridine

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

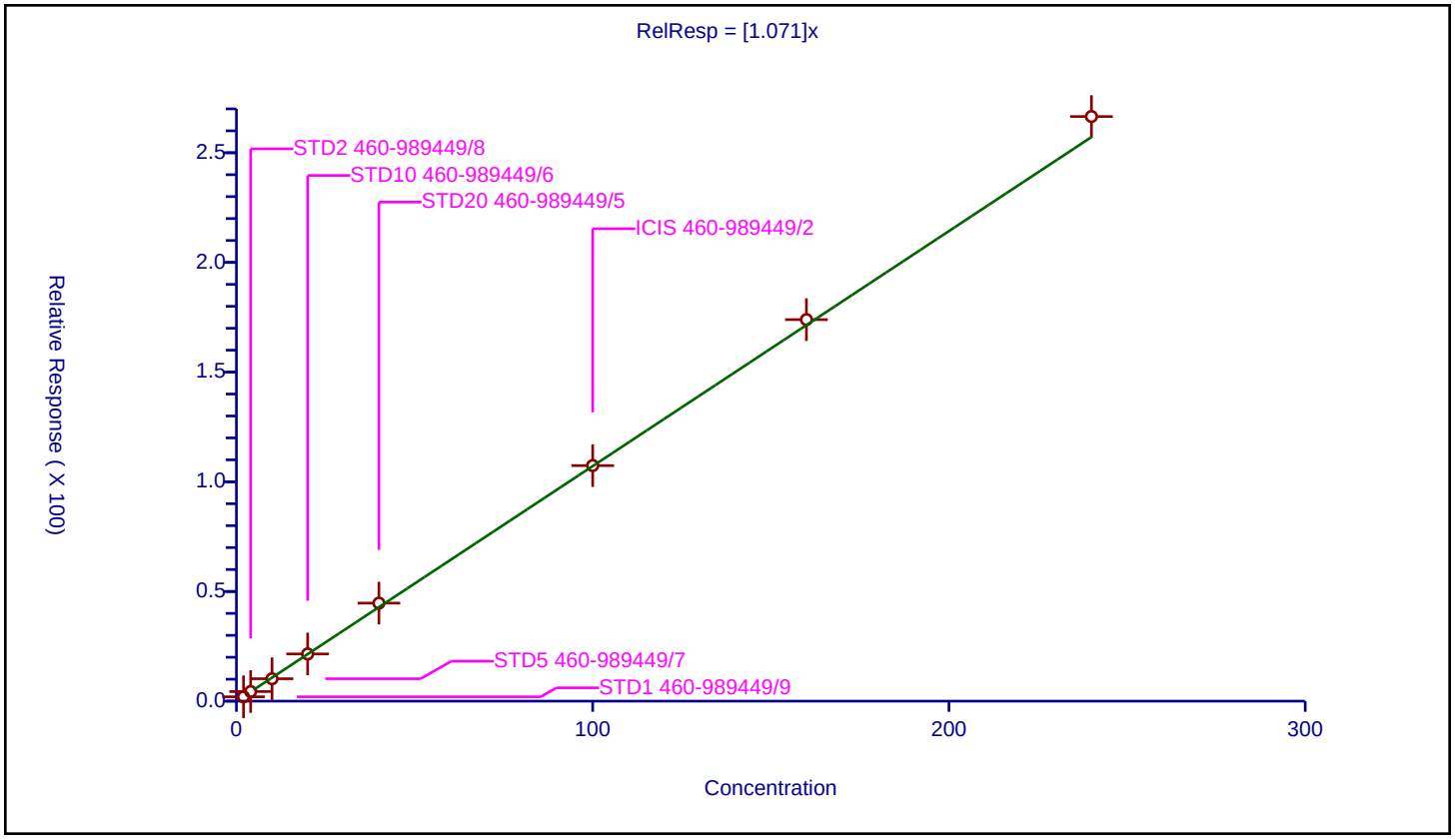
Curve Coefficients

Intercept:	0
Slope:	1.071

Error Coefficients

Relative Standard Deviation:	4.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-989449/9	2.0	1.98038	40.0	283380.0	0.99019	Y
2	STD2 460-989449/8	4.0	4.383202	40.0	253130.0	1.095801	Y
3	STD5 460-989449/7	10.0	10.216638	40.0	284438.0	1.021664	Y
4	STD10 460-989449/6	20.0	21.505619	40.0	286965.0	1.075281	Y
5	STD20 460-989449/5	40.0	44.690408	40.0	258340.0	1.11726	Y
6	ICIS 460-989449/2	100.0	107.382355	40.0	281184.0	1.073824	Y
7	STD80 460-989449/4	160.0	173.933513	40.0	302132.0	1.087084	Y
8	STD120 460-989449/3	240.0	266.520856	40.0	289600.0	1.110504	Y



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Calibration / 2-Fluorophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

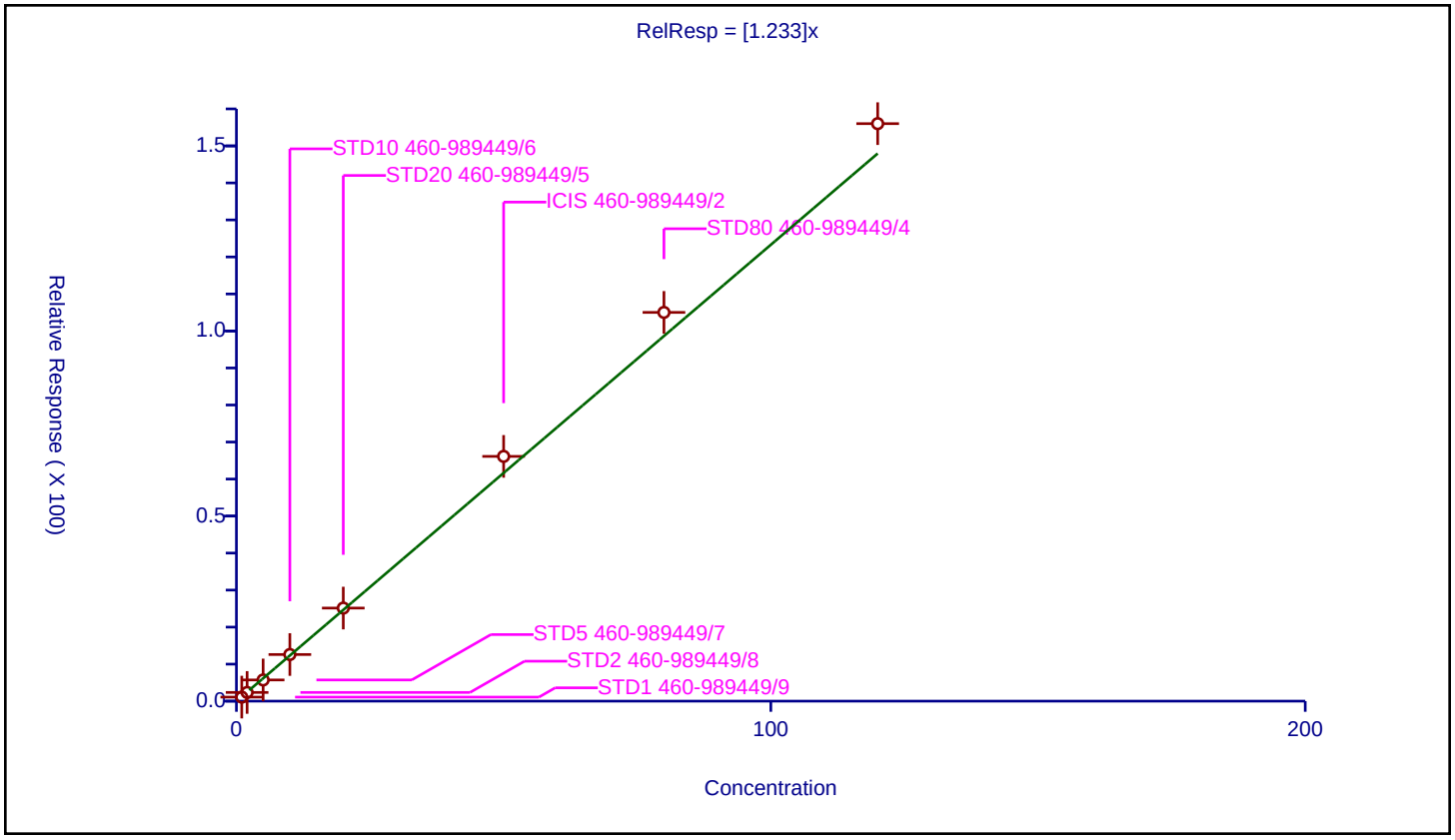
Curve Coefficients

Intercept:	0
Slope:	1.233

Error Coefficients

Relative Standard Deviation:	7.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-989449/9	1.0	1.090267	40.0	283380.0	1.090267	Y
2	STD2 460-989449/8	2.0	2.350729	40.0	253130.0	1.175364	Y
3	STD5 460-989449/7	5.0	5.726802	40.0	284438.0	1.14536	Y
4	STD10 460-989449/6	10.0	12.596798	40.0	286965.0	1.25968	Y
5	STD20 460-989449/5	20.0	25.146861	40.0	258340.0	1.257343	Y
6	ICIS 460-989449/2	50.0	66.124815	40.0	281184.0	1.322496	Y
7	STD80 460-989449/4	80.0	105.017012	40.0	302132.0	1.312713	Y
8	STD120 460-989449/3	120.0	156.011188	40.0	289600.0	1.300093	Y



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Calibration / Benzaldehyde

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

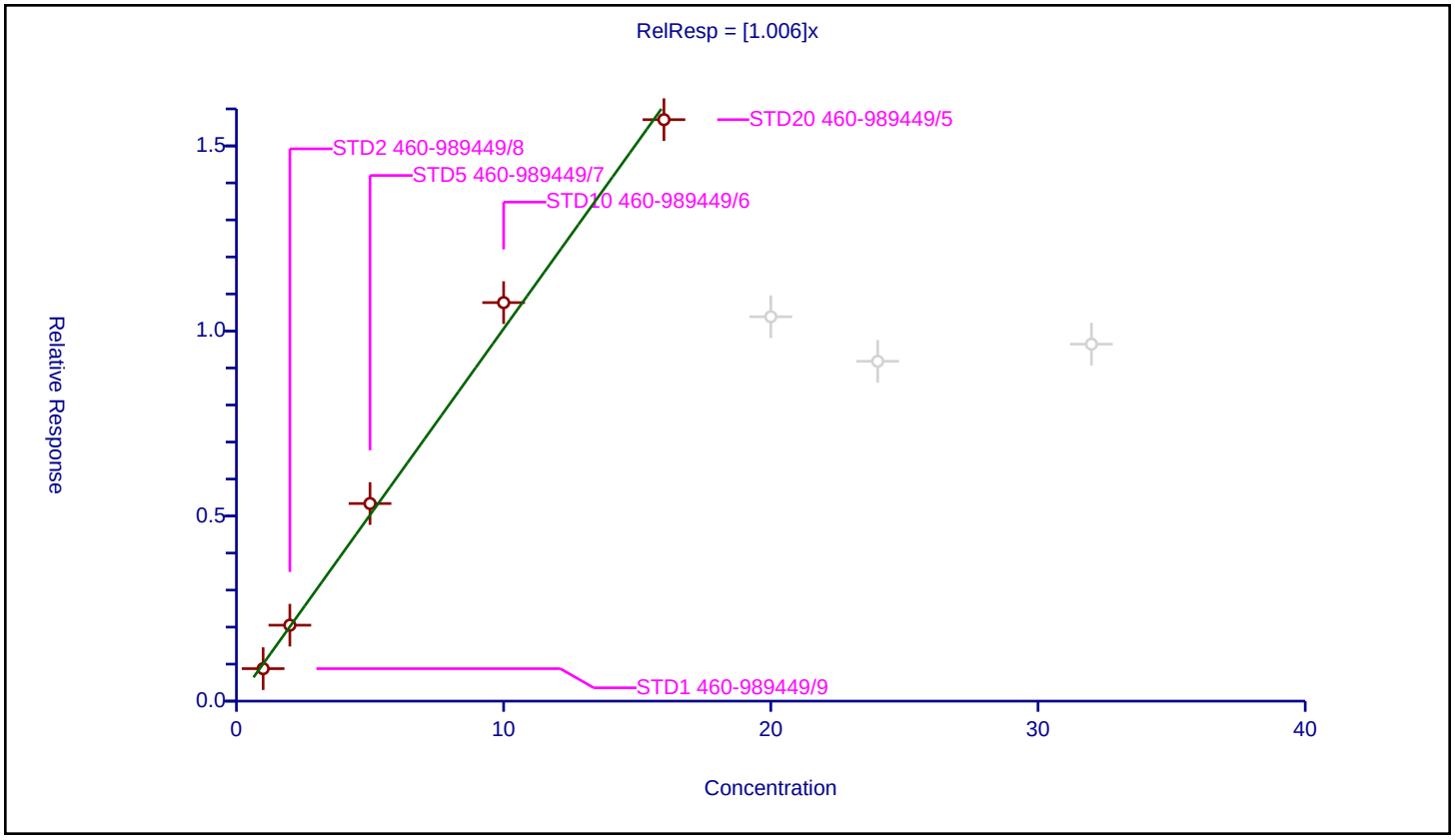
Curve Coefficients

Intercept:	0
Slope:	1.006

Error Coefficients

Relative Standard Deviation:	8.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-989449/9	1.0	0.87755	40.0	283380.0	0.87755	Y
2	STD2 460-989449/8	2.0	2.051752	40.0	253130.0	1.025876	Y
3	STD5 460-989449/7	5.0	5.338668	40.0	284438.0	1.067734	Y
4	STD10 460-989449/6	10.0	10.76647	40.0	286965.0	1.076647	Y
5	STD20 460-989449/5	16.0	15.709066	40.0	258340.0	0.981817	Y
6	ICIS 460-989449/2	20.0	10.384944	40.0	281184.0	0.519247	N
7	STD80 460-989449/4	24.0	9.18155	40.0	302132.0	0.382565	N
8	STD120 460-989449/3	32.0	9.644061	40.0	289600.0	0.301377	N



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Calibration / Phenol-d5

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

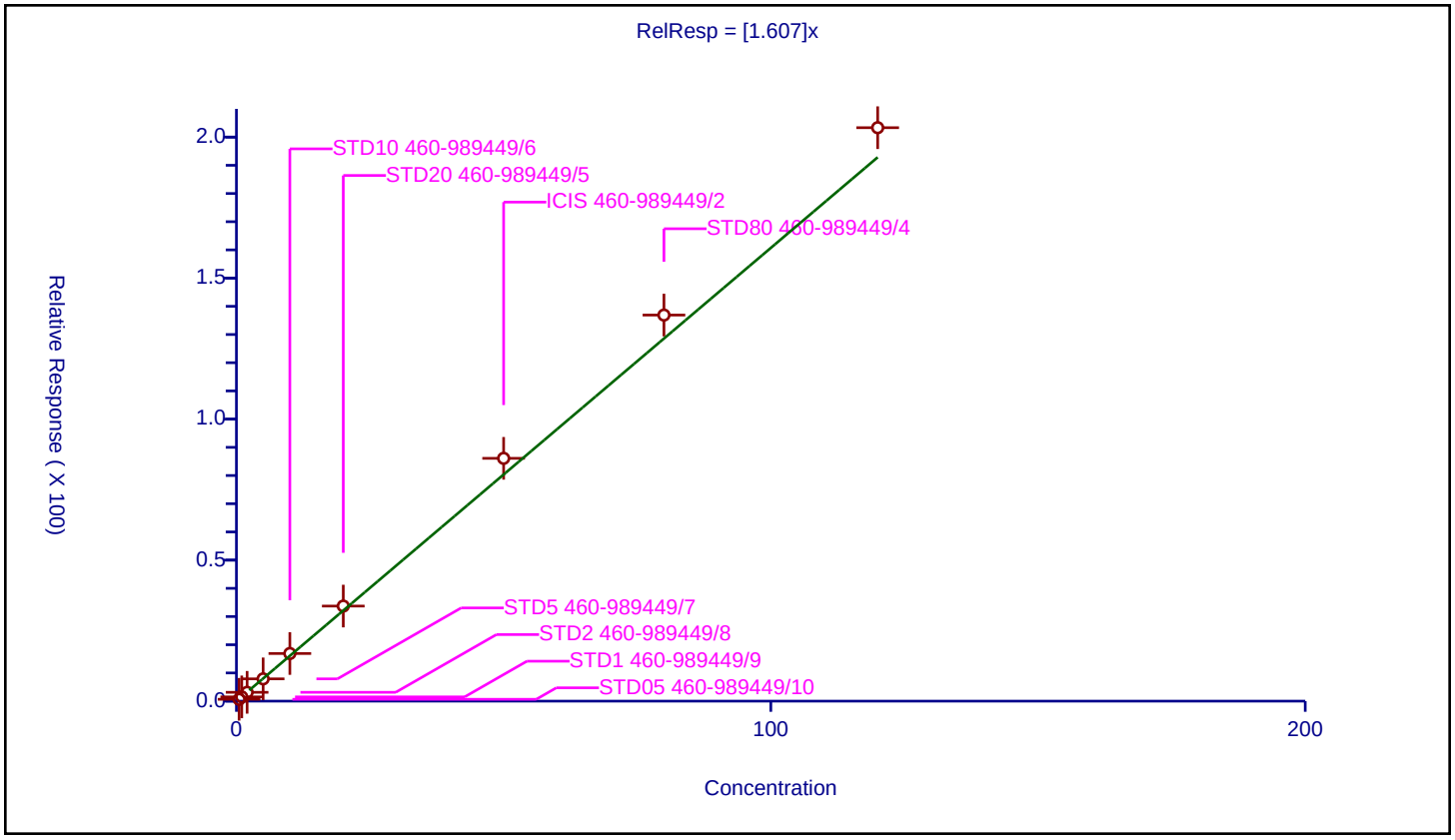
Curve Coefficients

Intercept:	0
Slope:	1.607

Error Coefficients

Relative Standard Deviation:	8.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-989449/10	0.5	0.654779	40.0	261279.0	1.309558	Y
2	STD1 460-989449/9	1.0	1.506669	40.0	283380.0	1.506669	Y
3	STD2 460-989449/8	2.0	3.129143	40.0	253130.0	1.564572	Y
4	STD5 460-989449/7	5.0	7.901476	40.0	284438.0	1.580295	Y
5	STD10 460-989449/6	10.0	16.892652	40.0	286965.0	1.689265	Y
6	STD20 460-989449/5	20.0	33.710149	40.0	258340.0	1.685507	Y
7	ICIS 460-989449/2	50.0	86.096506	40.0	281184.0	1.72193	Y
8	STD80 460-989449/4	80.0	136.898442	40.0	302132.0	1.711231	Y
9	STD120 460-989449/3	120.0	203.329972	40.0	289600.0	1.694416	Y



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Calibration / Phenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

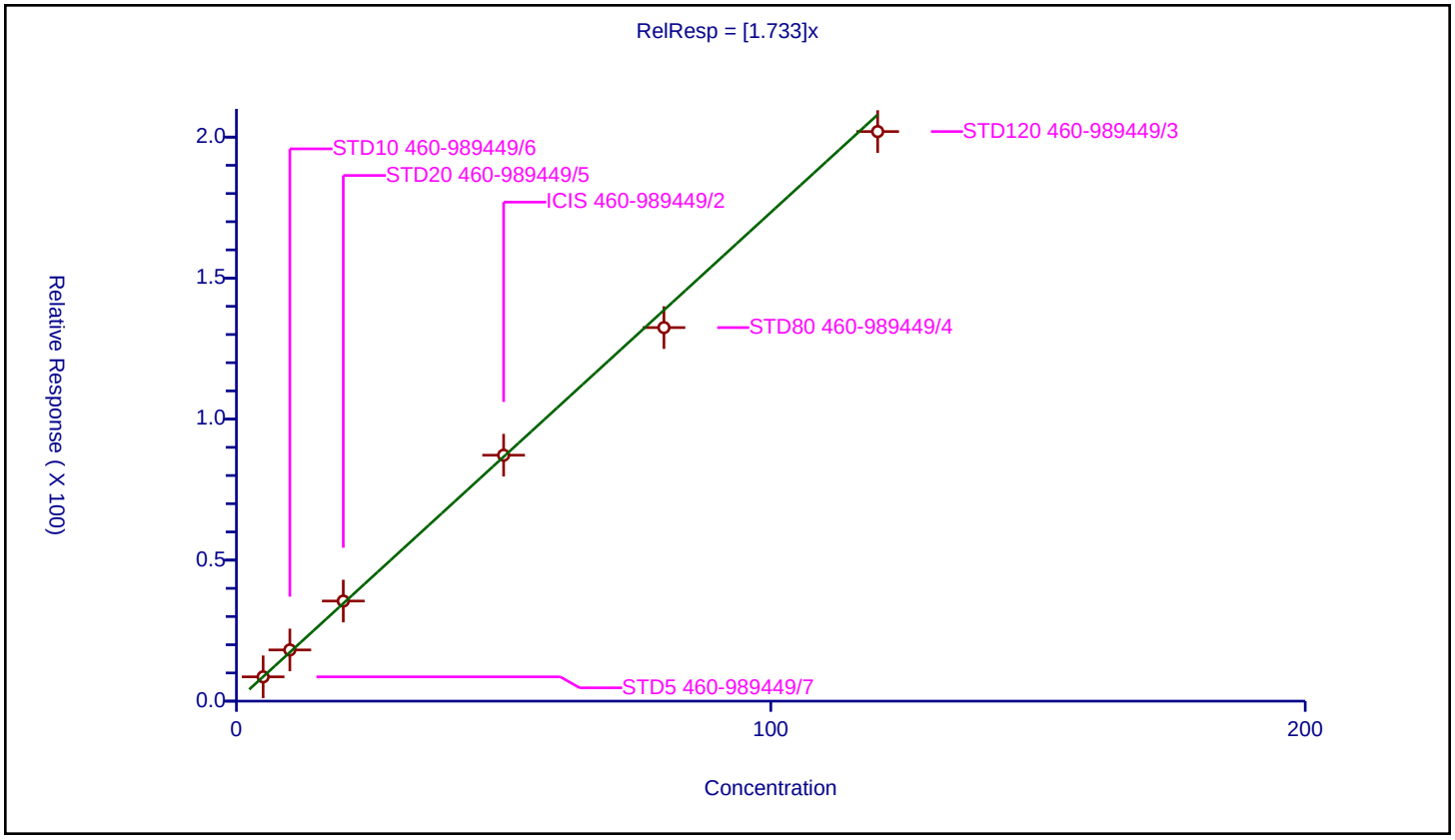
Curve Coefficients

Intercept:	0
Slope:	1.733

Error Coefficients

Relative Standard Deviation:	3.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-989449/7	5.0	8.622055	40.0	284438.0	1.724411	Y
2	STD10 460-989449/6	10.0	18.159009	40.0	286965.0	1.815901	Y
3	STD20 460-989449/5	20.0	35.496787	40.0	258340.0	1.774839	Y
4	ICIS 460-989449/2	50.0	87.212786	40.0	281184.0	1.744256	Y
5	STD80 460-989449/4	80.0	132.451511	40.0	302132.0	1.655644	Y
6	STD120 460-989449/3	120.0	201.964088	40.0	289600.0	1.683034	Y



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Calibration / Aniline

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

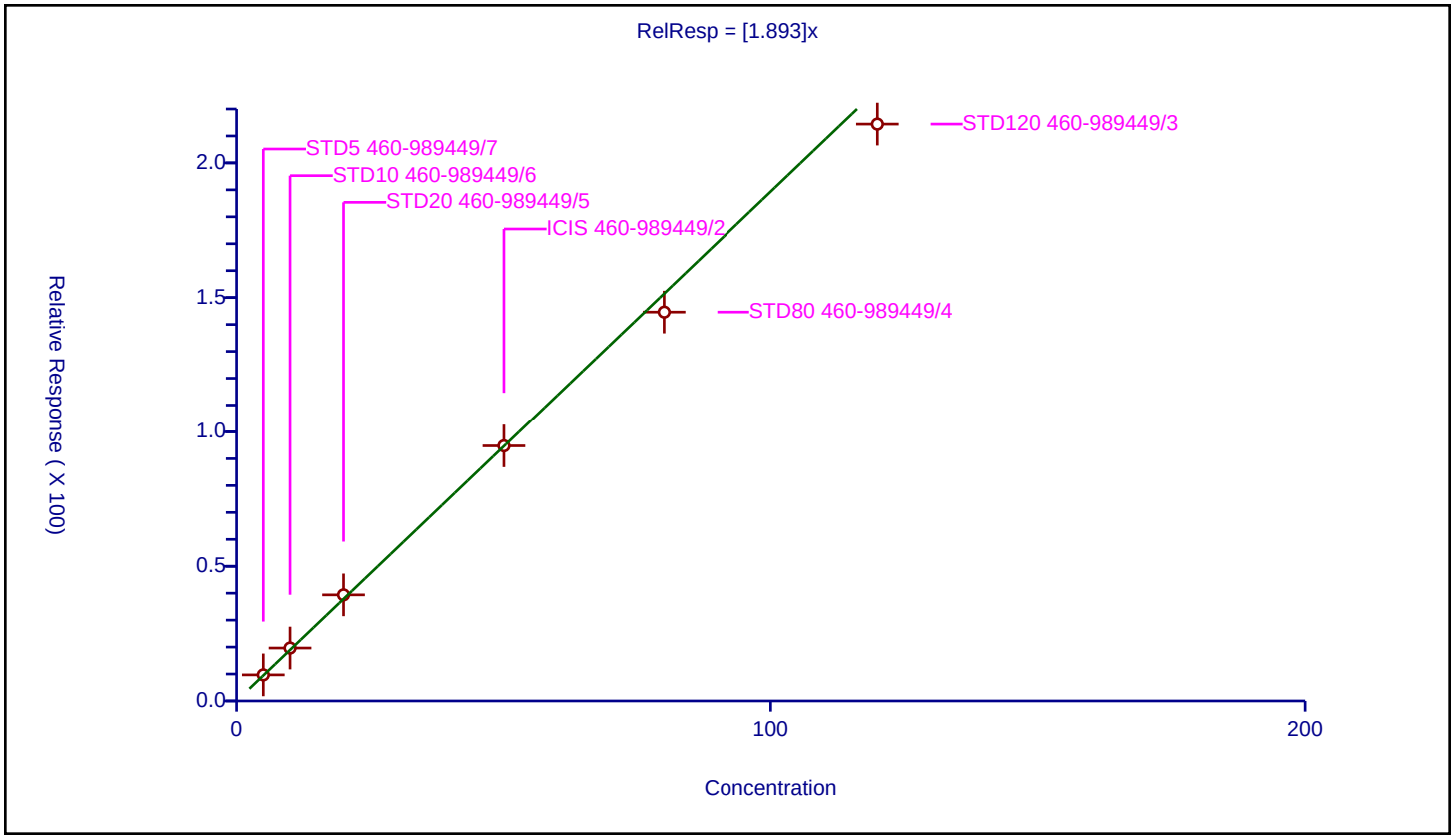
Curve Coefficients

Intercept:	0
Slope:	1.893

Error Coefficients

Relative Standard Deviation:	4.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-989449/7	5.0	9.68436	40.0	284438.0	1.936872	Y
2	STD10 460-989449/6	10.0	19.642535	40.0	286965.0	1.964253	Y
3	STD20 460-989449/5	20.0	39.383603	40.0	258340.0	1.96918	Y
4	ICIS 460-989449/2	50.0	94.789604	40.0	281184.0	1.895792	Y
5	STD80 460-989449/4	80.0	144.606728	40.0	302132.0	1.807584	Y
6	STD120 460-989449/3	120.0	214.405387	40.0	289600.0	1.786712	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

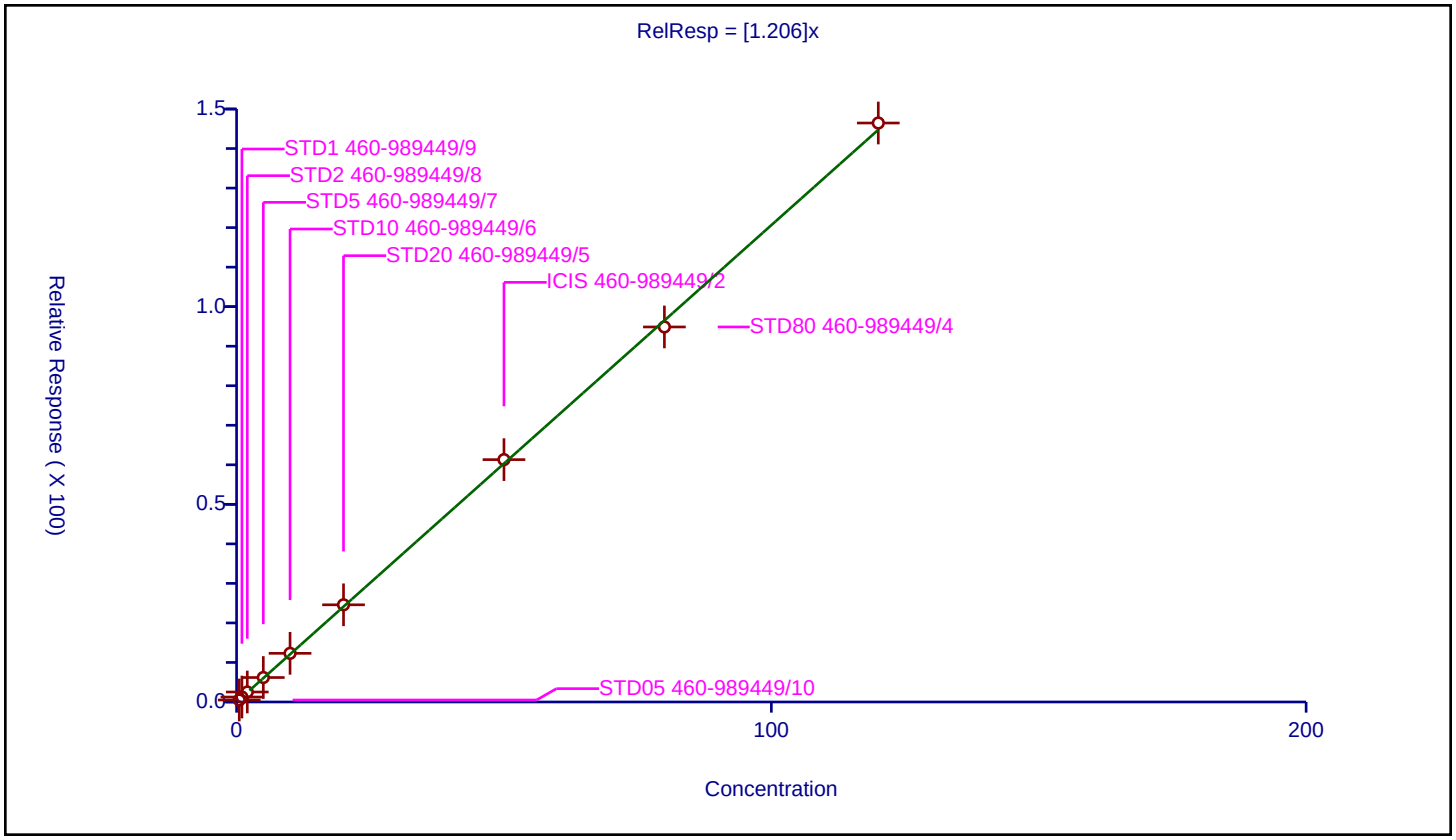
Curve Coefficients

Intercept:	0
Slope:	1.206

Error Coefficients

Relative Standard Deviation:	6.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-989449/10	0.5	0.503064	40.0	261279.0	1.006128	Y
2	STD1 460-989449/9	1.0	1.25584	40.0	283380.0	1.25584	Y
3	STD2 460-989449/8	2.0	2.526607	40.0	253130.0	1.263303	Y
4	STD5 460-989449/7	5.0	6.192	40.0	284438.0	1.2384	Y
5	STD10 460-989449/6	10.0	12.30617	40.0	286965.0	1.230617	Y
6	STD20 460-989449/5	20.0	24.584037	40.0	258340.0	1.229202	Y
7	ICIS 460-989449/2	50.0	61.309605	40.0	281184.0	1.226192	Y
8	STD80 460-989449/4	80.0	94.864364	40.0	302132.0	1.185805	Y
9	STD120 460-989449/3	120.0	146.461326	40.0	289600.0	1.220511	Y



Calibration / 2-Chlorophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

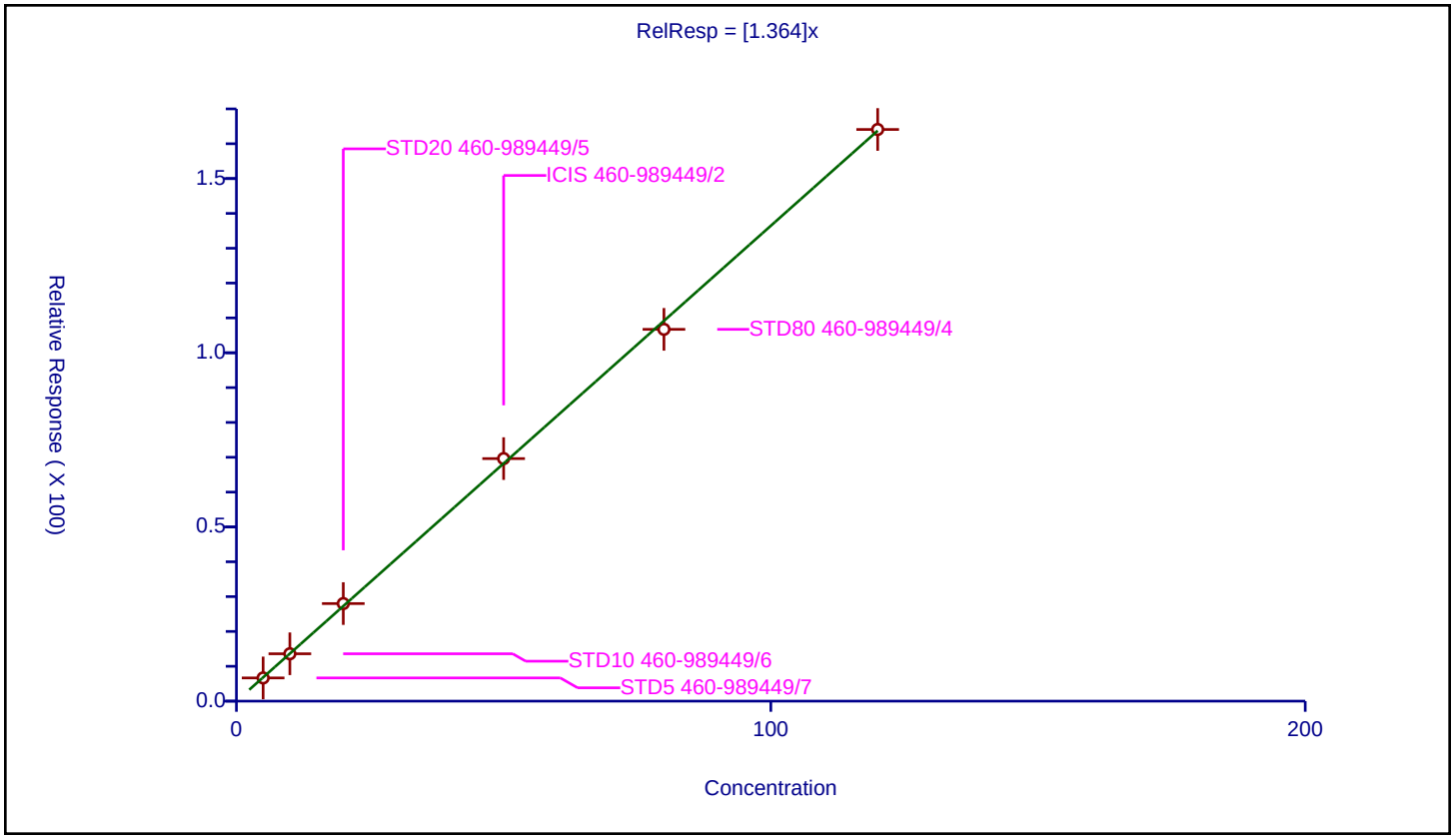
Curve Coefficients

Intercept:	0
Slope:	1.364

Error Coefficients

Relative Standard Deviation:	2.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-989449/7	5.0	6.666198	40.0	284438.0	1.33324	Y
2	STD10 460-989449/6	10.0	13.595804	40.0	286965.0	1.35958	Y
3	STD20 460-989449/5	20.0	28.004955	40.0	258340.0	1.400248	Y
4	ICIS 460-989449/2	50.0	69.621742	40.0	281184.0	1.392435	Y
5	STD80 460-989449/4	80.0	106.720506	40.0	302132.0	1.334006	Y
6	STD120 460-989449/3	120.0	164.092127	40.0	289600.0	1.367434	Y



Calibration / n-Decane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

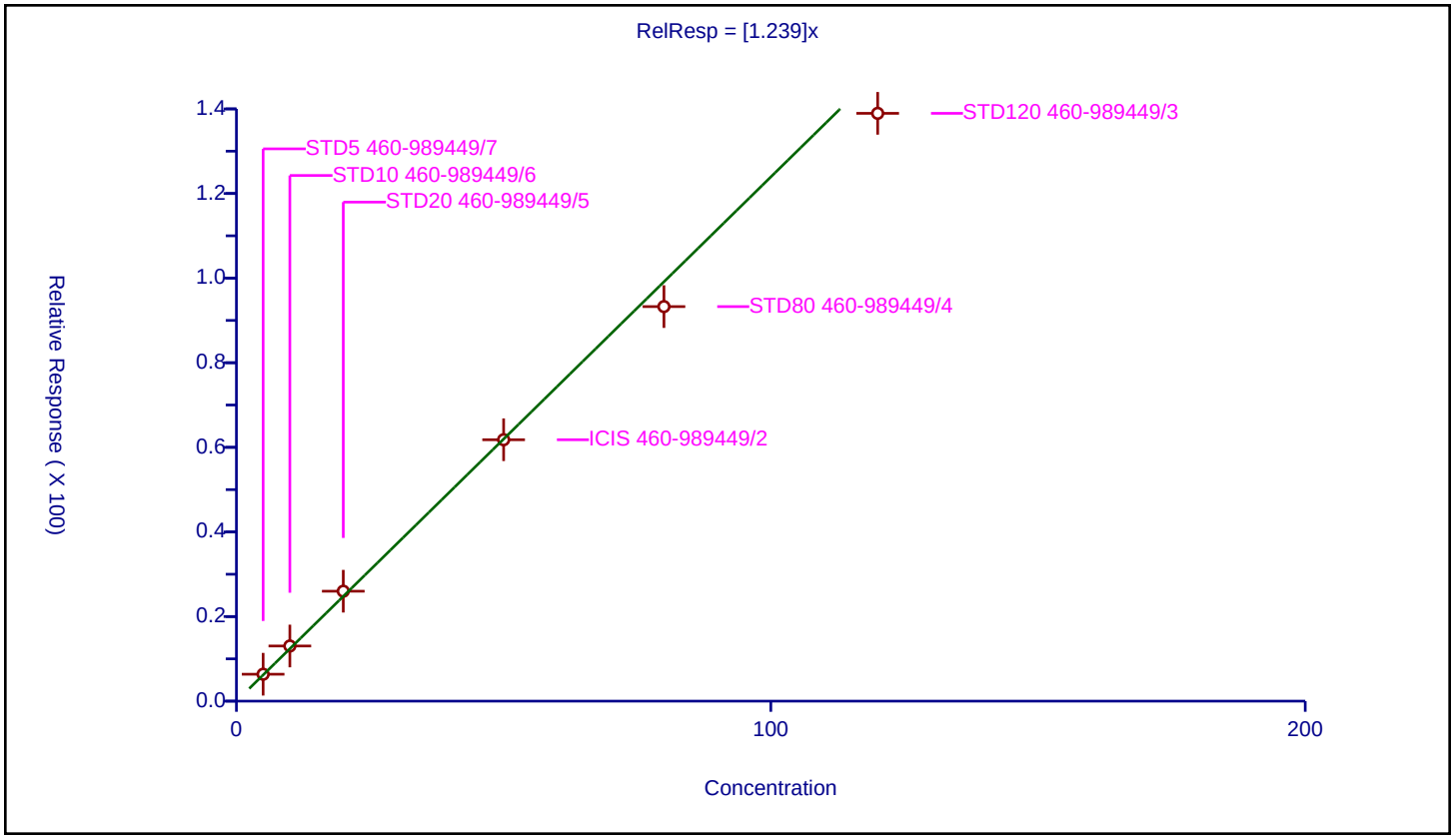
Curve Coefficients

Intercept:	0
Slope:	1.239

Error Coefficients

Relative Standard Deviation:	5.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-989449/7	5.0	6.36216	40.0	284438.0	1.272432	Y
2	STD10 460-989449/6	10.0	13.032669	40.0	286965.0	1.303267	Y
3	STD20 460-989449/5	20.0	25.988078	40.0	258340.0	1.299404	Y
4	ICIS 460-989449/2	50.0	61.790429	40.0	281184.0	1.235809	Y
5	STD80 460-989449/4	80.0	93.264666	40.0	302132.0	1.165808	Y
6	STD120 460-989449/3	120.0	138.947514	40.0	289600.0	1.157896	Y



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Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

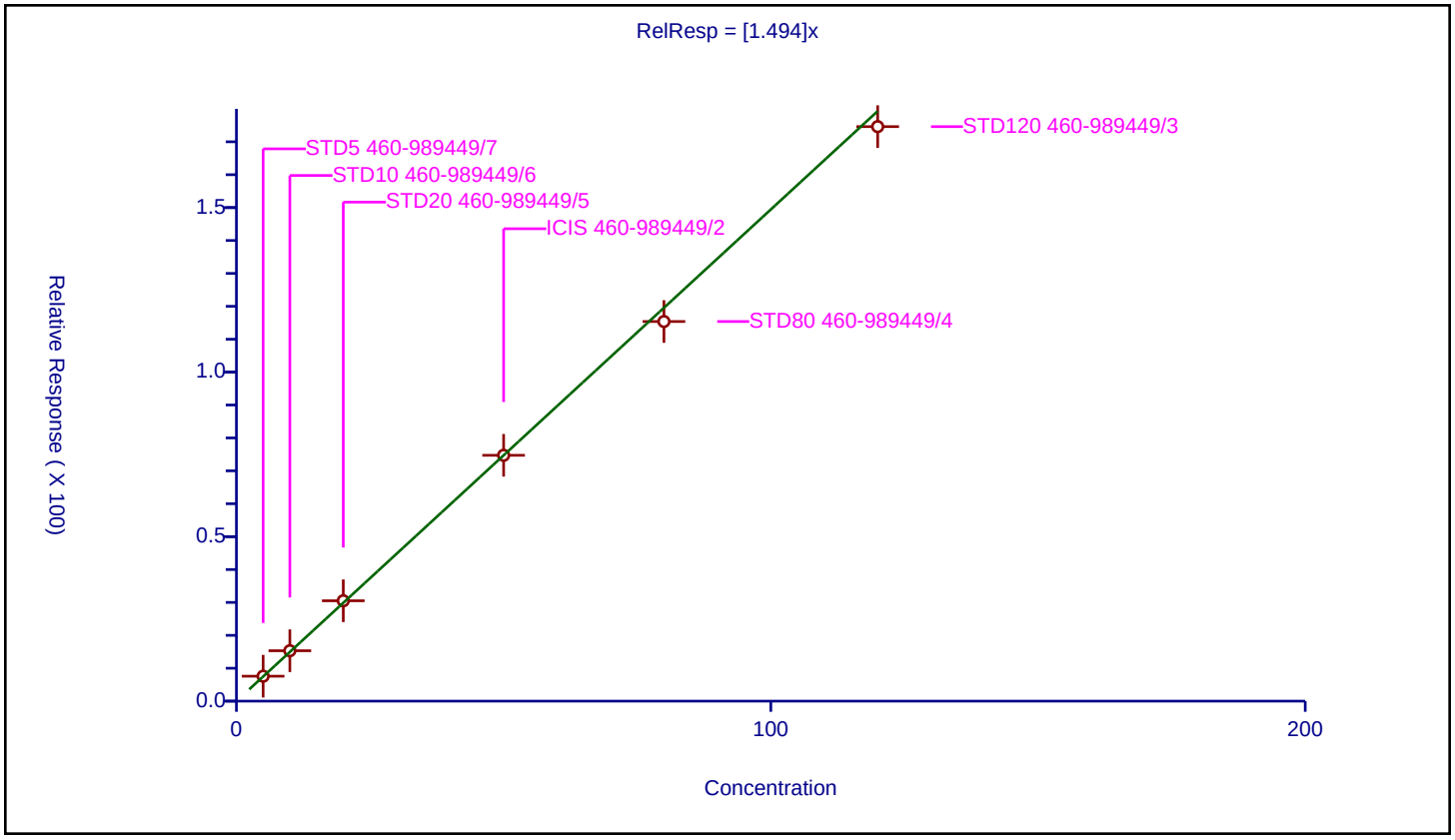
Curve Coefficients

Intercept:	0
Slope:	1.494

Error Coefficients

Relative Standard Deviation:	2.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-989449/7	5.0	7.58225	40.0	284438.0	1.51645	Y
2	STD10 460-989449/6	10.0	15.322984	40.0	286965.0	1.532298	Y
3	STD20 460-989449/5	20.0	30.507858	40.0	258340.0	1.525393	Y
4	ICIS 460-989449/2	50.0	74.722886	40.0	281184.0	1.494458	Y
5	STD80 460-989449/4	80.0	115.380165	40.0	302132.0	1.442252	Y
6	STD120 460-989449/3	120.0	174.60953	40.0	289600.0	1.455079	Y



Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

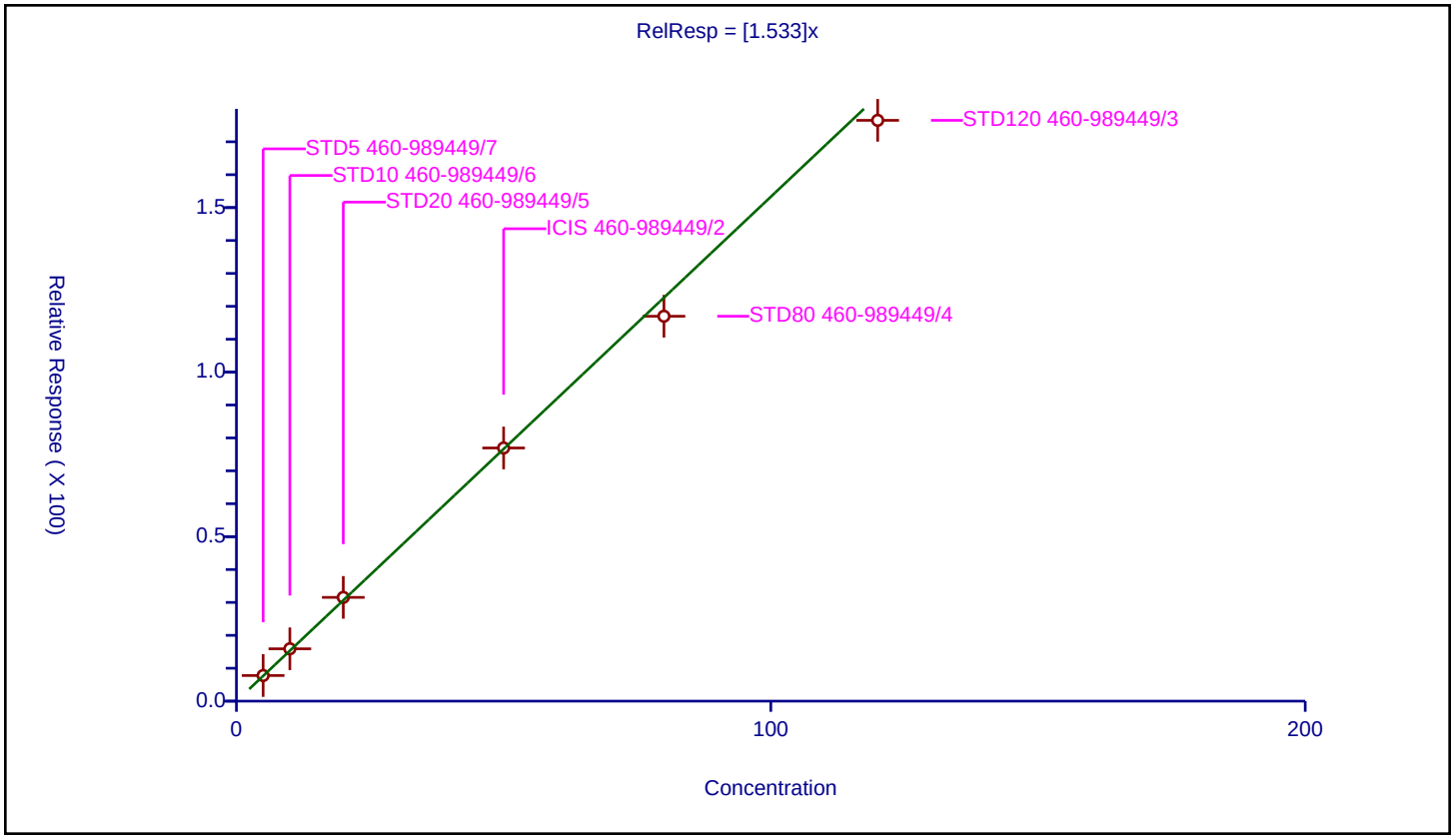
Curve Coefficients

Intercept:	0
Slope:	1.533

Error Coefficients

Relative Standard Deviation:	3.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-989449/7	5.0	7.785317	40.0	284438.0	1.557063	Y
2	STD10 460-989449/6	10.0	15.914136	40.0	286965.0	1.591414	Y
3	STD20 460-989449/5	20.0	31.532089	40.0	258340.0	1.576604	Y
4	ICIS 460-989449/2	50.0	76.948191	40.0	281184.0	1.538964	Y
5	STD80 460-989449/4	80.0	116.98357	40.0	302132.0	1.462295	Y
6	STD120 460-989449/3	120.0	176.515608	40.0	289600.0	1.470963	Y



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Calibration / Benzyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

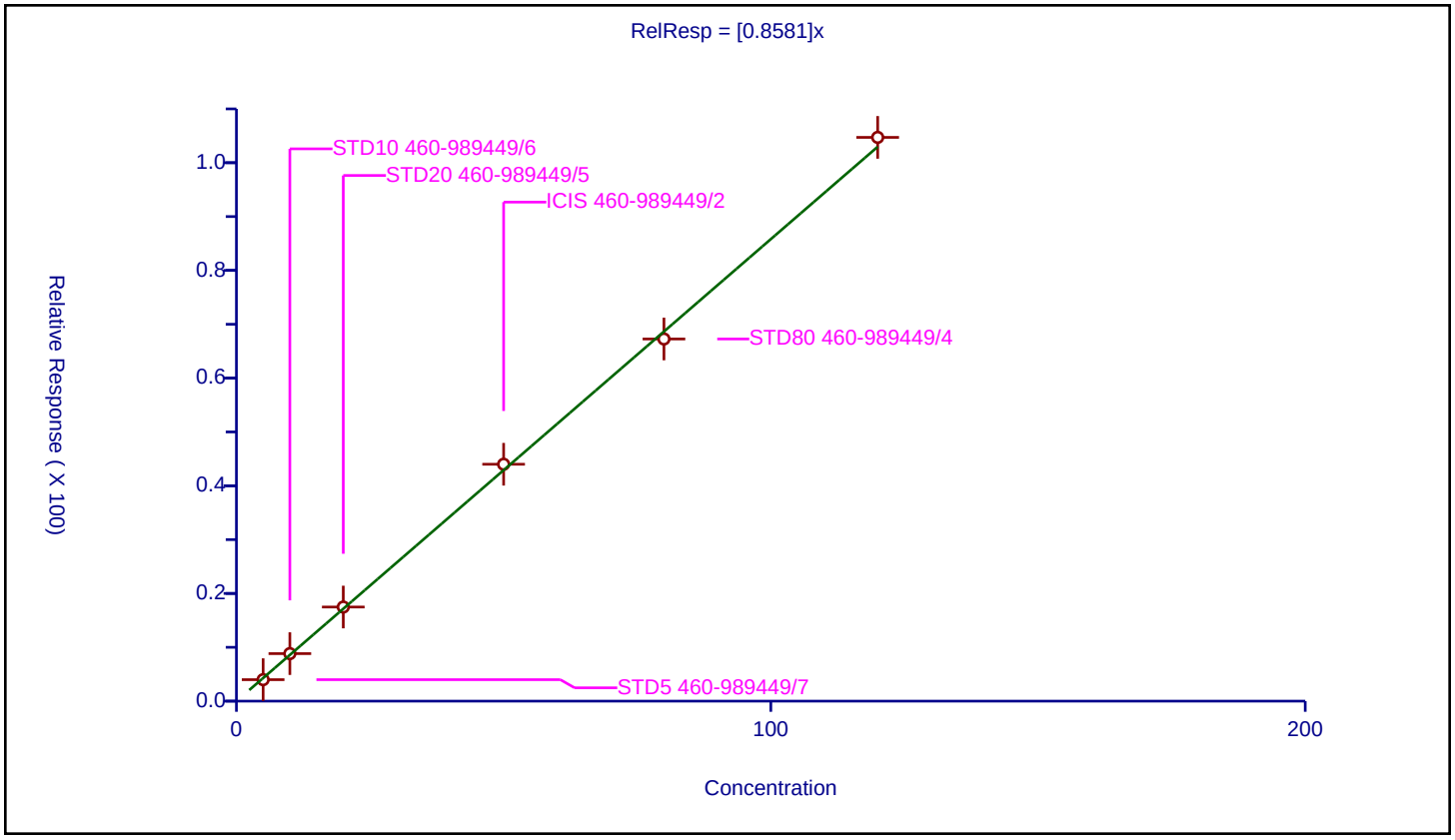
Curve Coefficients

Intercept:	0
Slope:	0.8581

Error Coefficients

Relative Standard Deviation:	3.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-989449/7	5.0	3.991872	40.0	284438.0	0.798374	Y
2	STD10 460-989449/6	10.0	8.827557	40.0	286965.0	0.882756	Y
3	STD20 460-989449/5	20.0	17.478672	40.0	258340.0	0.873934	Y
4	ICIS 460-989449/2	50.0	43.998805	40.0	281184.0	0.879976	Y
5	STD80 460-989449/4	80.0	67.263977	40.0	302132.0	0.8408	Y
6	STD120 460-989449/3	120.0	104.706077	40.0	289600.0	0.872551	Y



Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

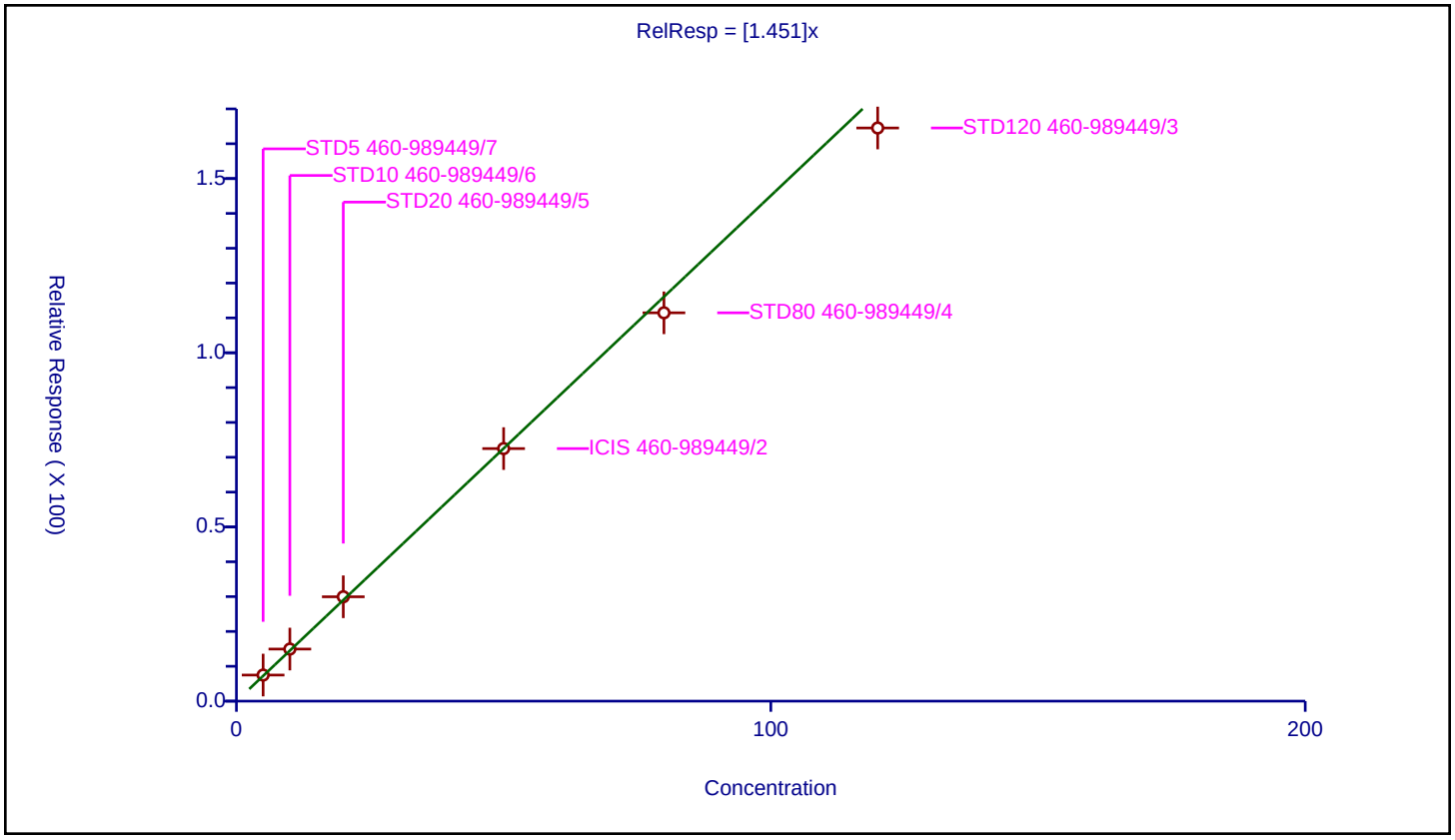
Curve Coefficients

Intercept:	0
Slope:	1.451

Error Coefficients

Relative Standard Deviation:	3.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-989449/7	5.0	7.486482	40.0	284438.0	1.497296	Y
2	STD10 460-989449/6	10.0	14.953601	40.0	286965.0	1.49536	Y
3	STD20 460-989449/5	20.0	29.959433	40.0	258340.0	1.497972	Y
4	ICIS 460-989449/2	50.0	72.491891	40.0	281184.0	1.449838	Y
5	STD80 460-989449/4	80.0	111.467438	40.0	302132.0	1.393343	Y
6	STD120 460-989449/3	120.0	164.516851	40.0	289600.0	1.370974	Y



Calibration / 2-Methylphenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

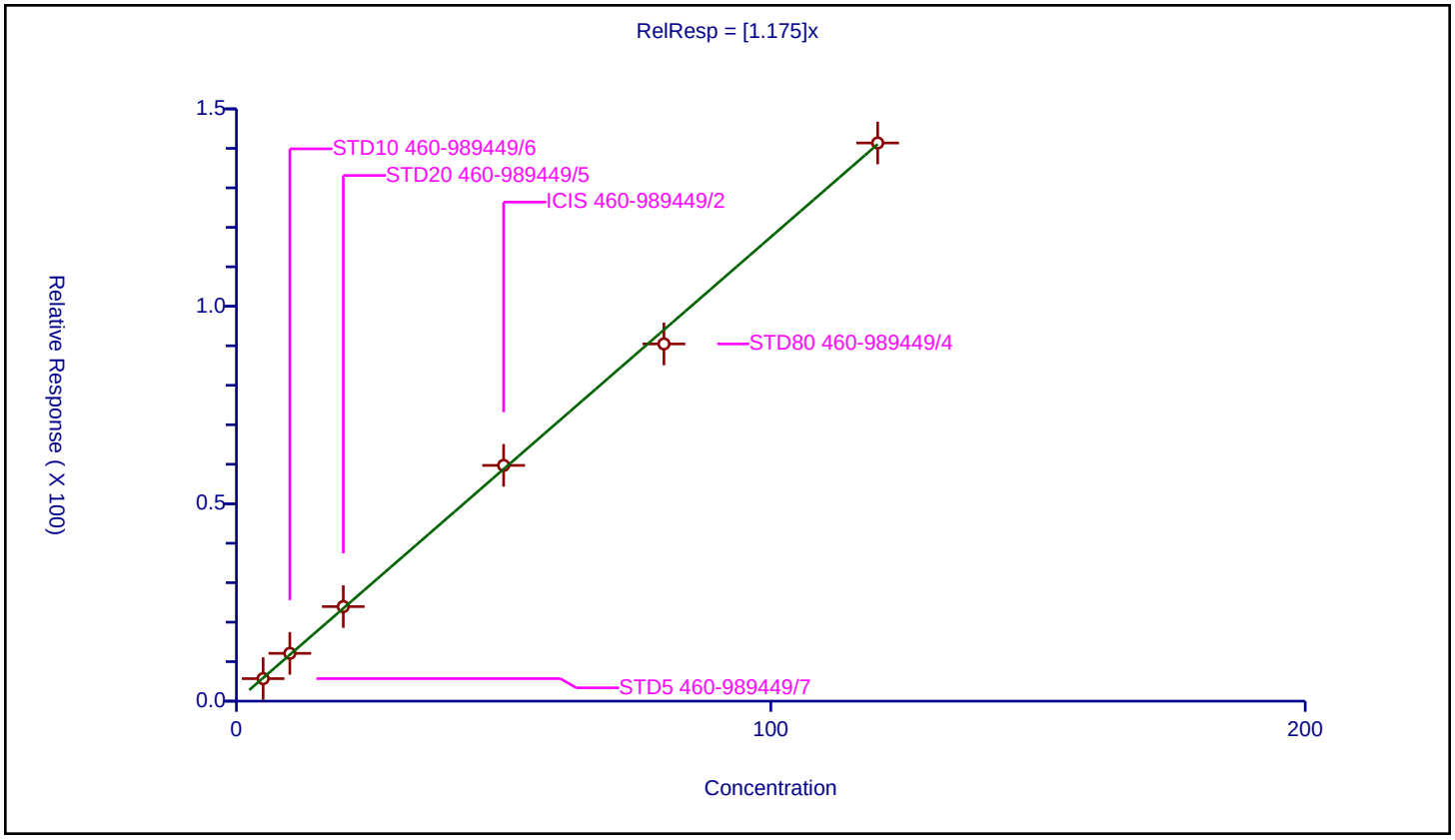
Curve Coefficients

Intercept:	0
Slope:	1.175

Error Coefficients

Relative Standard Deviation:	2.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-989449/7	5.0	5.706129	40.0	284438.0	1.141226	Y
2	STD10 460-989449/6	10.0	12.107679	40.0	286965.0	1.210768	Y
3	STD20 460-989449/5	20.0	23.951072	40.0	258340.0	1.197554	Y
4	ICIS 460-989449/2	50.0	59.709941	40.0	281184.0	1.194199	Y
5	STD80 460-989449/4	80.0	90.478996	40.0	302132.0	1.130987	Y
6	STD120 460-989449/3	120.0	141.368232	40.0	289600.0	1.178069	Y



Calibration / 2,2'-oxybis[1-chloropropane]

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

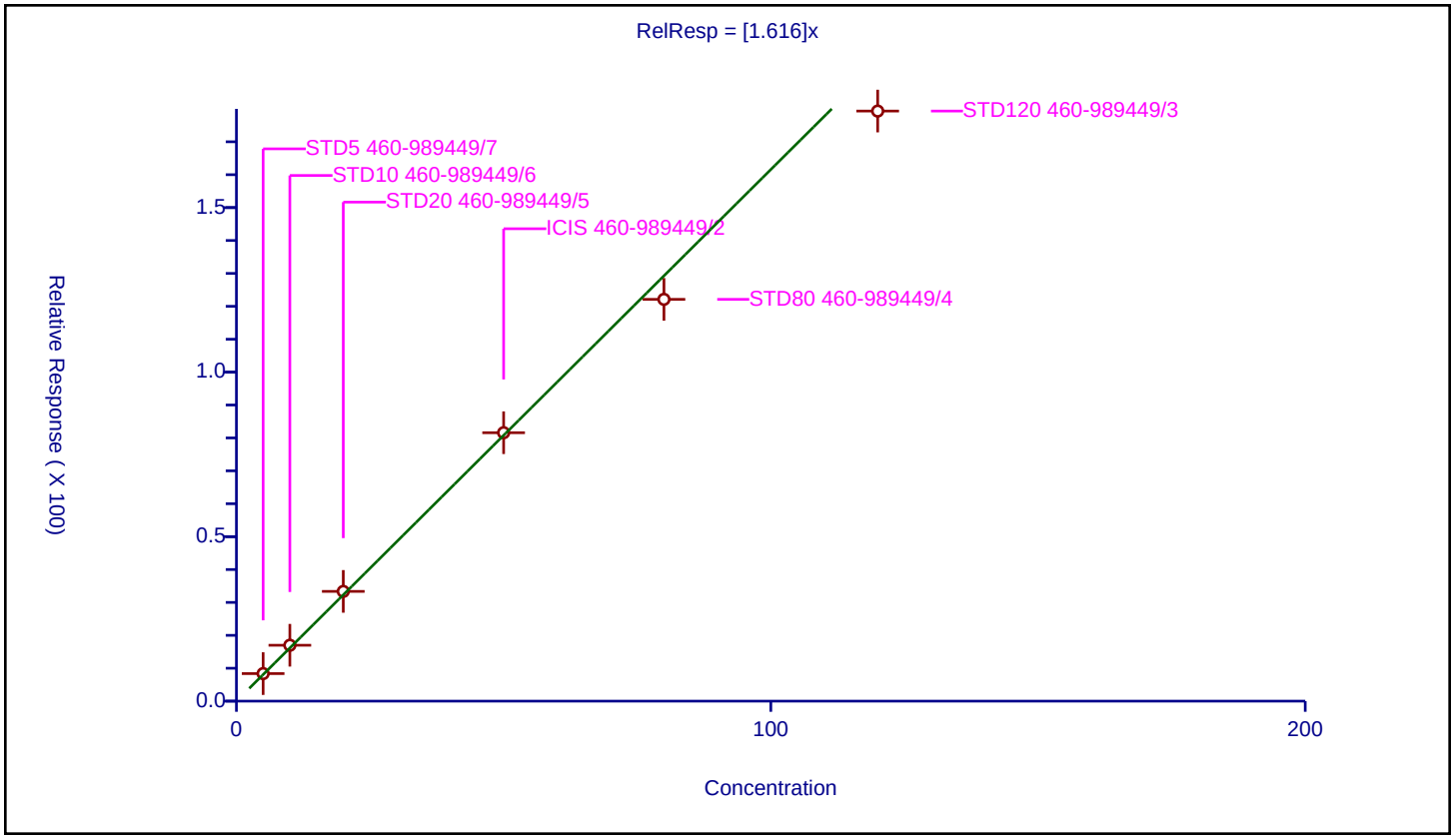
Curve Coefficients

Intercept:	0
Slope:	1.616

Error Coefficients

Relative Standard Deviation:	5.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-989449/7	5.0	8.37694	40.0	284438.0	1.675388	Y
2	STD10 460-989449/6	10.0	16.986322	40.0	286965.0	1.698632	Y
3	STD20 460-989449/5	20.0	33.351088	40.0	258340.0	1.667554	Y
4	ICIS 460-989449/2	50.0	81.586719	40.0	281184.0	1.631734	Y
5	STD80 460-989449/4	80.0	122.111925	40.0	302132.0	1.526399	Y
6	STD120 460-989449/3	120.0	179.340193	40.0	289600.0	1.494502	Y



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Calibration / N-Methylaniline

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

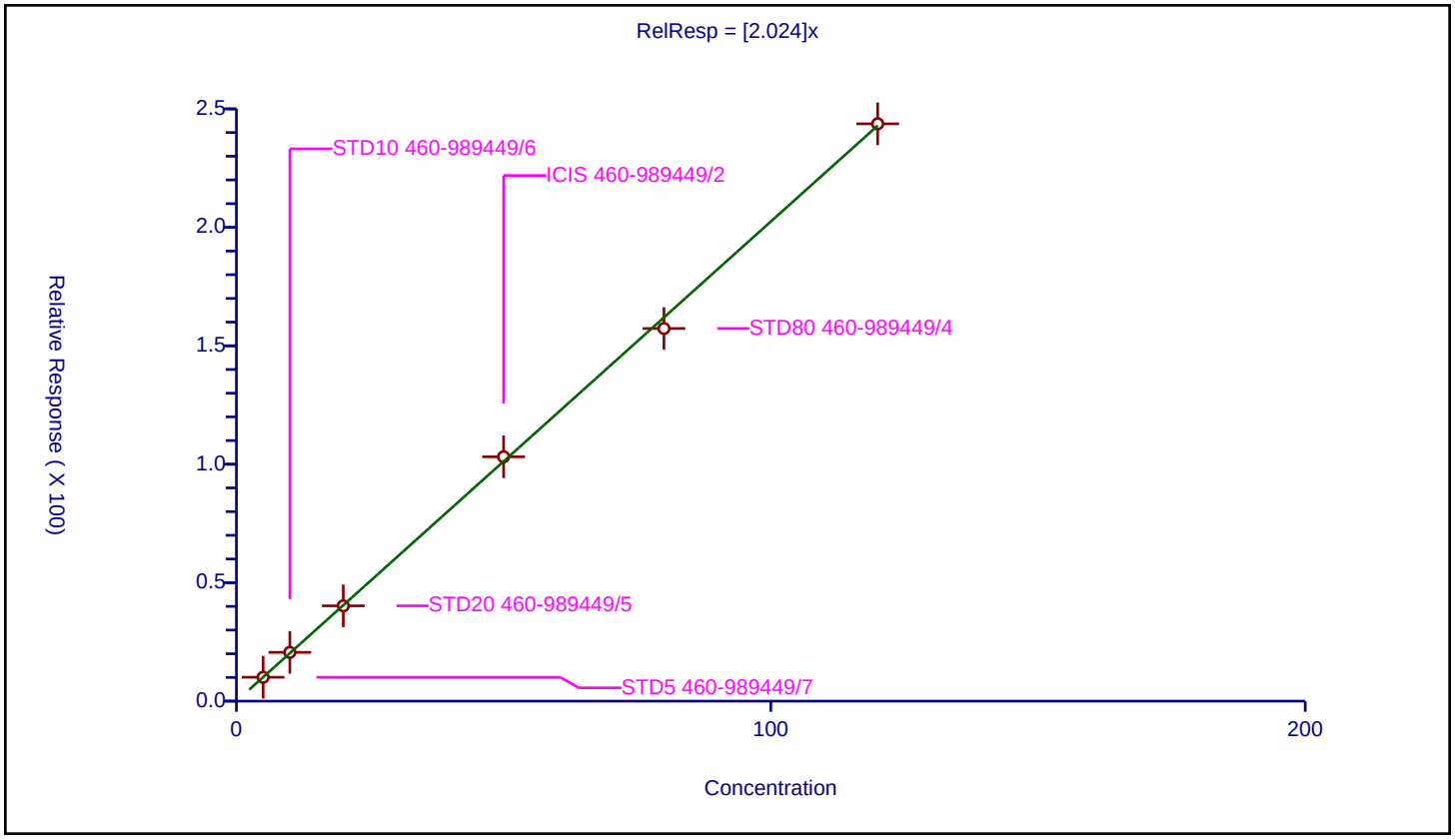
Curve Coefficients

Intercept:	0
Slope:	2.024

Error Coefficients

Relative Standard Deviation:	1.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-989449/7	5.0	10.075166	40.0	284438.0	2.015033	Y
2	STD10 460-989449/6	10.0	20.595543	40.0	286965.0	2.059554	Y
3	STD20 460-989449/5	20.0	40.237671	40.0	258340.0	2.011884	Y
4	ICIS 460-989449/2	50.0	103.151957	40.0	281184.0	2.063039	Y
5	STD80 460-989449/4	80.0	157.301047	40.0	302132.0	1.966263	Y
6	STD120 460-989449/3	120.0	243.708978	40.0	289600.0	2.030908	Y



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Calibration / Acetophenone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

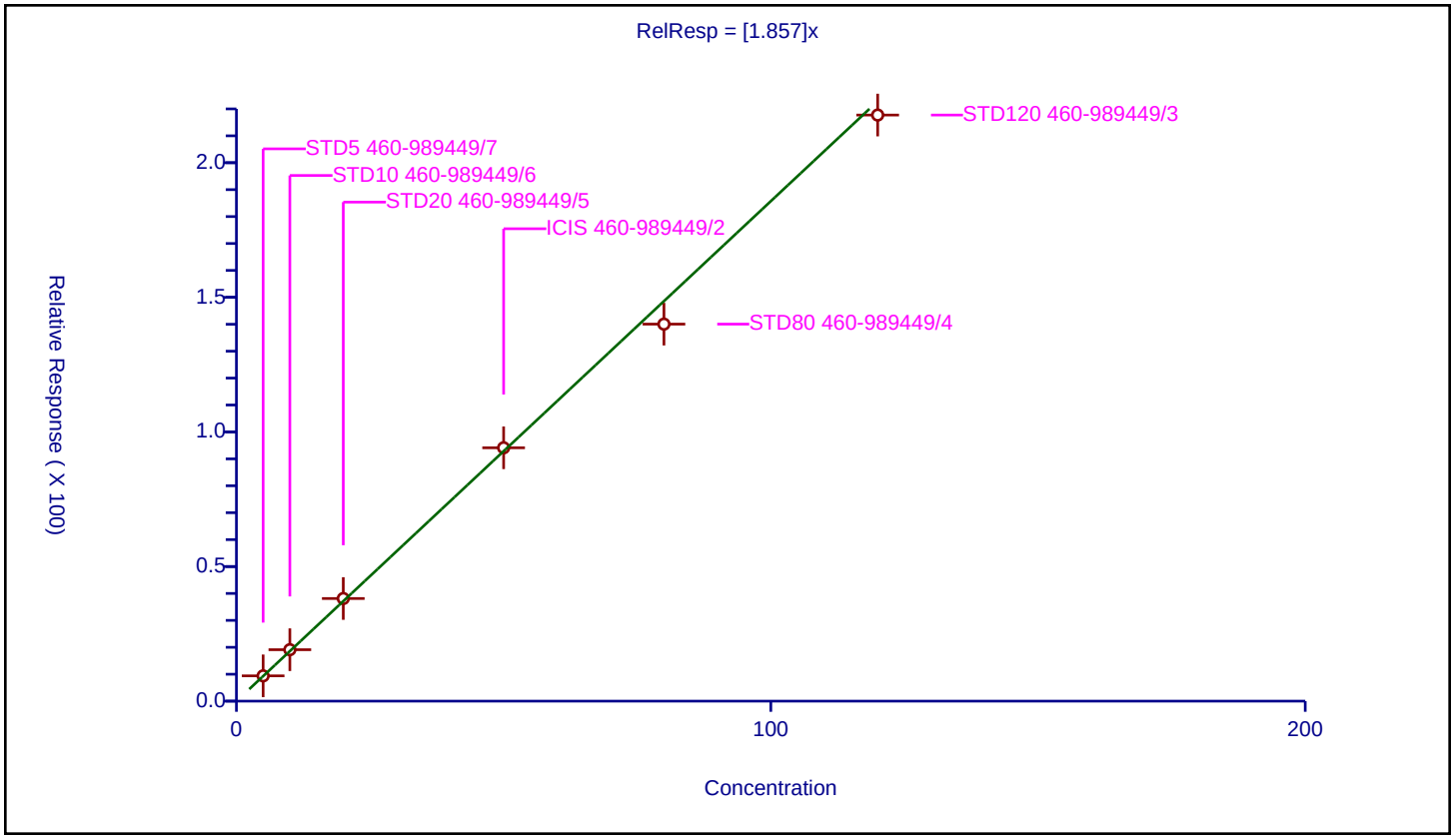
Curve Coefficients

Intercept:	0
Slope:	1.857

Error Coefficients

Relative Standard Deviation:	3.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-989449/7	5.0	9.394244	40.0	284438.0	1.878849	Y
2	STD10 460-989449/6	10.0	19.112017	40.0	286965.0	1.911202	Y
3	STD20 460-989449/5	20.0	38.120307	40.0	258340.0	1.906015	Y
4	ICIS 460-989449/2	50.0	94.110476	40.0	281184.0	1.88221	Y
5	STD80 460-989449/4	80.0	140.047529	40.0	302132.0	1.750594	Y
6	STD120 460-989449/3	120.0	217.709807	40.0	289600.0	1.814248	Y



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Calibration / N-Nitrosodi-n-propylamine

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

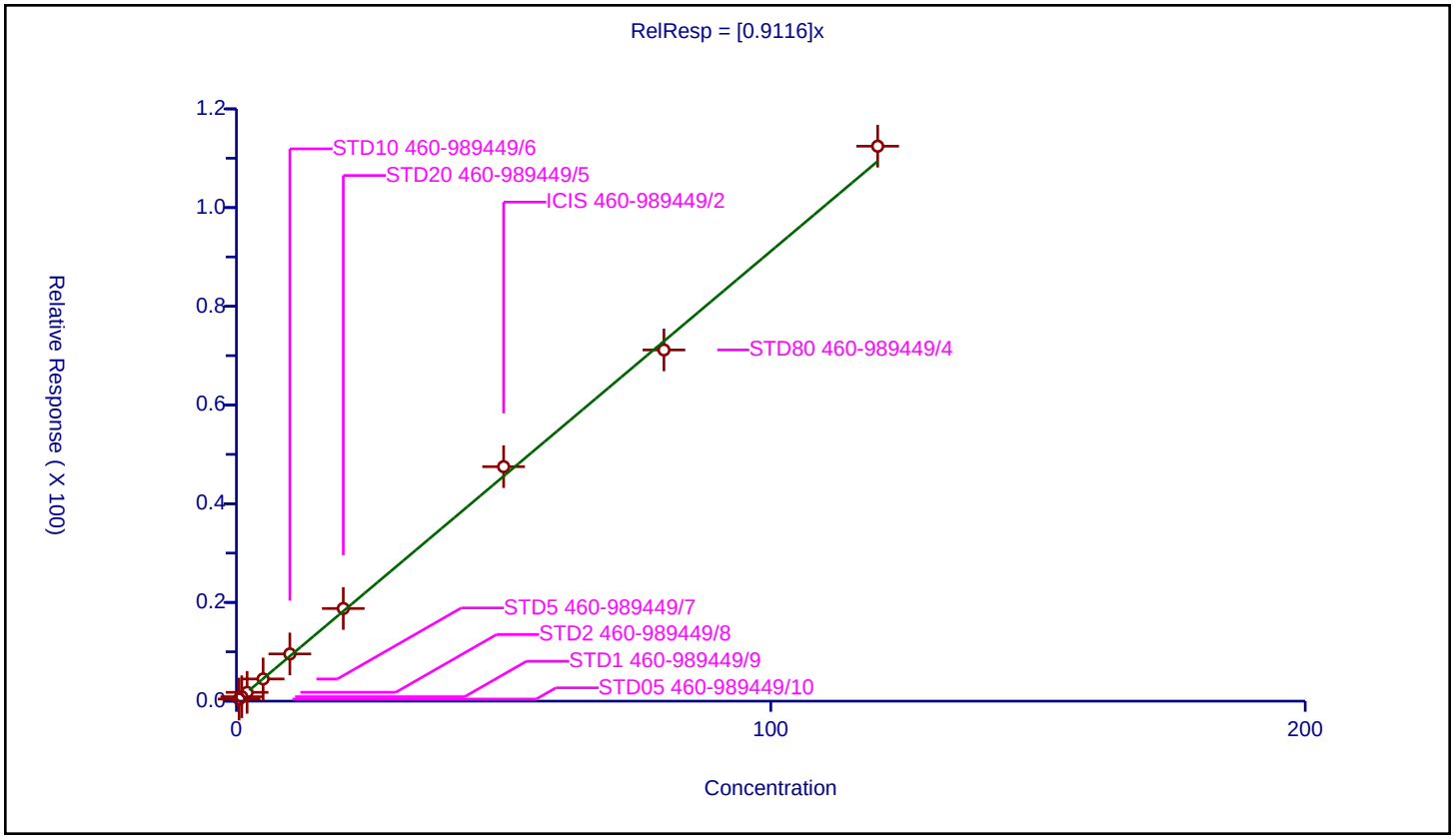
Curve Coefficients

Intercept:	0
Slope:	0.9116

Error Coefficients

Relative Standard Deviation:	4.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-989449/10	0.5	0.421159	40.0	261279.0	0.842318	Y
2	STD1 460-989449/9	1.0	0.899428	40.0	283380.0	0.899428	Y
3	STD2 460-989449/8	2.0	1.782799	40.0	253130.0	0.8914	Y
4	STD5 460-989449/7	5.0	4.49968	40.0	284438.0	0.899936	Y
5	STD10 460-989449/6	10.0	9.564511	40.0	286965.0	0.956451	Y
6	STD20 460-989449/5	20.0	18.774328	40.0	258340.0	0.938716	Y
7	ICIS 460-989449/2	50.0	47.508962	40.0	281184.0	0.950179	Y
8	STD80 460-989449/4	80.0	71.153403	40.0	302132.0	0.889418	Y
9	STD120 460-989449/3	120.0	112.439917	40.0	289600.0	0.936999	Y



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Calibration / 3 & 4 Methylphenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

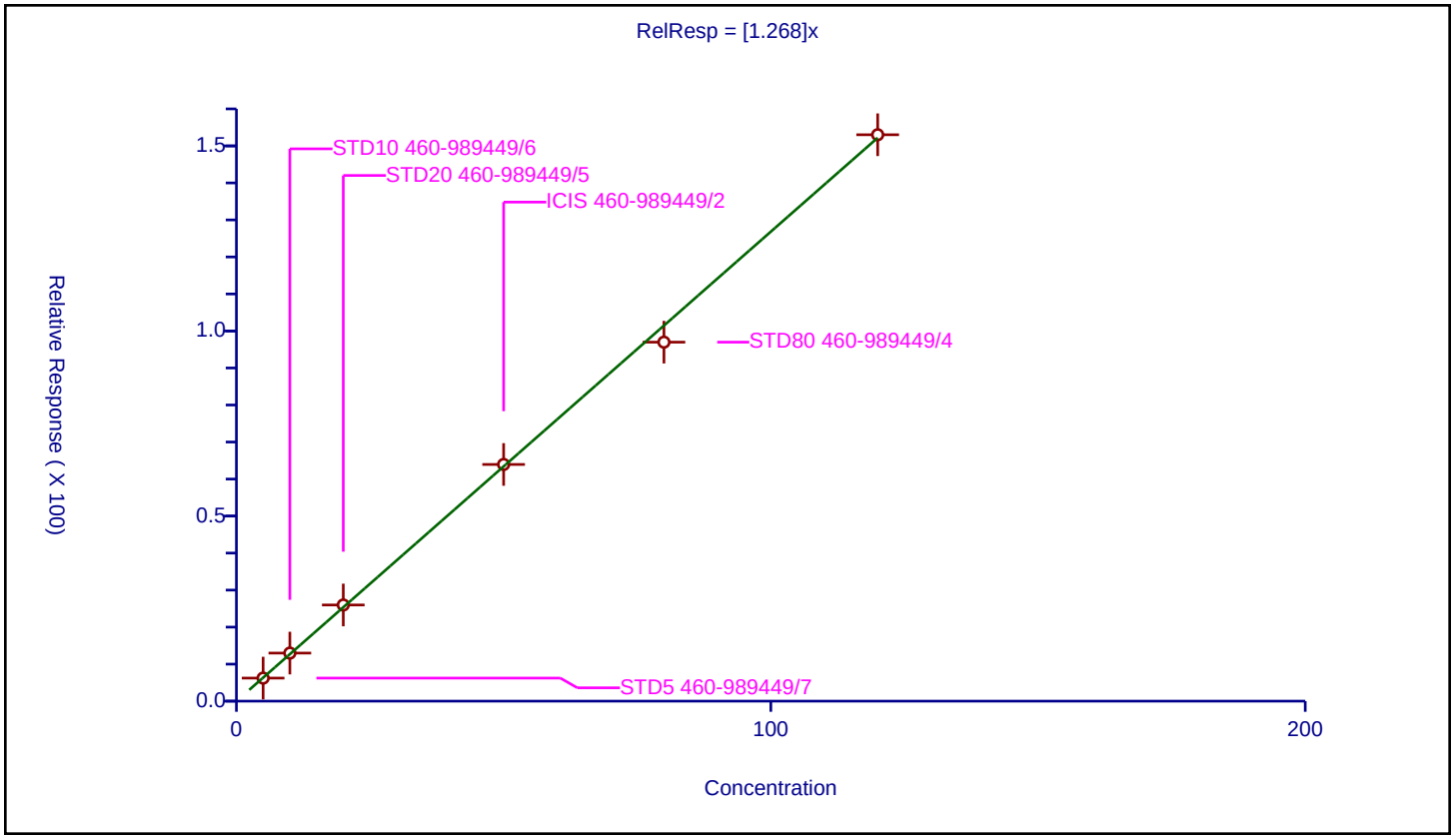
Curve Coefficients

Intercept:	0
Slope:	1.268

Error Coefficients

Relative Standard Deviation:	2.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-989449/7	5.0	6.230813	40.0	284438.0	1.246163	Y
2	STD10 460-989449/6	10.0	12.981235	40.0	286965.0	1.298123	Y
3	STD20 460-989449/5	20.0	25.981884	40.0	258340.0	1.299094	Y
4	ICIS 460-989449/2	50.0	63.943468	40.0	281184.0	1.278869	Y
5	STD80 460-989449/4	80.0	96.981055	40.0	302132.0	1.212263	Y
6	STD120 460-989449/3	120.0	153.012155	40.0	289600.0	1.275101	Y



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Calibration / 4-Methylphenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

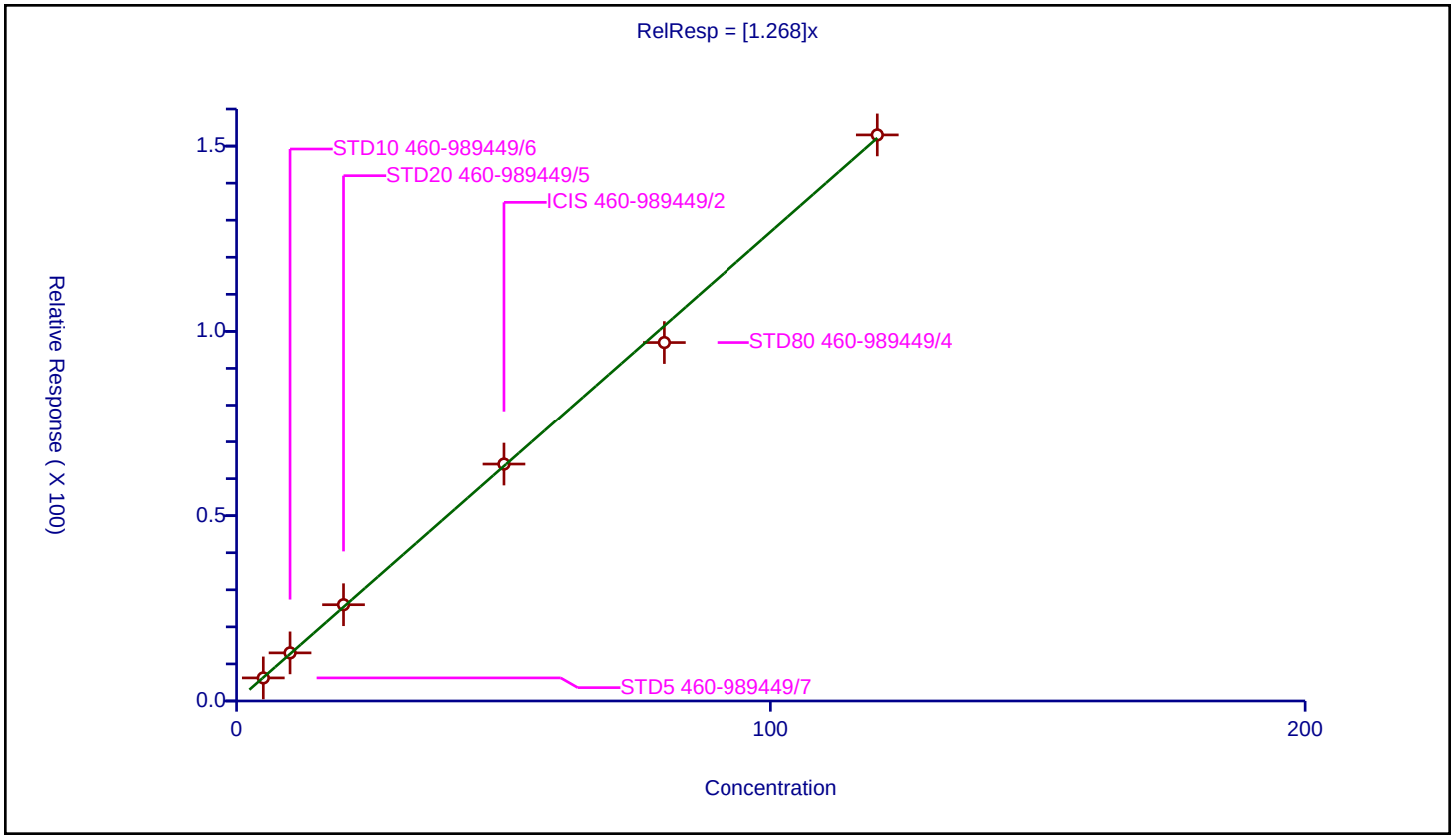
Curve Coefficients

Intercept:	0
Slope:	1.268

Error Coefficients

Relative Standard Deviation:	2.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-989449/7	5.0	6.230813	40.0	284438.0	1.246163	Y
2	STD10 460-989449/6	10.0	12.981235	40.0	286965.0	1.298123	Y
3	STD20 460-989449/5	20.0	25.981884	40.0	258340.0	1.299094	Y
4	ICIS 460-989449/2	50.0	63.943468	40.0	281184.0	1.278869	Y
5	STD80 460-989449/4	80.0	96.981055	40.0	302132.0	1.212263	Y
6	STD120 460-989449/3	120.0	153.012155	40.0	289600.0	1.275101	Y



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Calibration / Hexachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

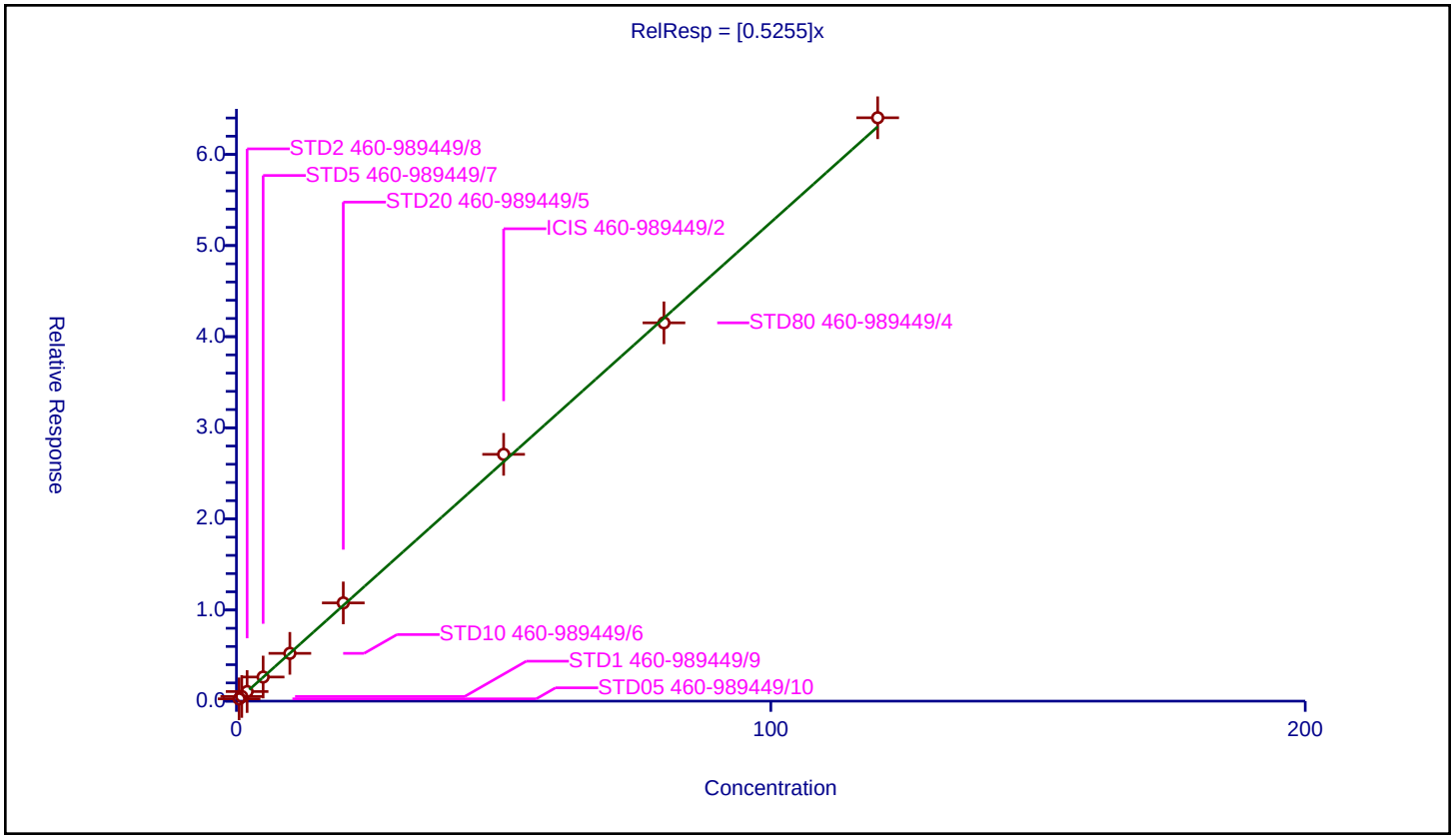
Curve Coefficients

Intercept:	0
Slope:	0.5255

Error Coefficients

Relative Standard Deviation:	2.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-989449/10	0.5	0.252757	40.0	261279.0	0.505513	Y
2	STD1 460-989449/9	1.0	0.508999	40.0	283380.0	0.508999	Y
3	STD2 460-989449/8	2.0	1.05432	40.0	253130.0	0.52716	Y
4	STD5 460-989449/7	5.0	2.647607	40.0	284438.0	0.529521	Y
5	STD10 460-989449/6	10.0	5.244124	40.0	286965.0	0.524412	Y
6	STD20 460-989449/5	20.0	10.783309	40.0	258340.0	0.539165	Y
7	ICIS 460-989449/2	50.0	27.086747	40.0	281184.0	0.541735	Y
8	STD80 460-989449/4	80.0	41.521057	40.0	302132.0	0.519013	Y
9	STD120 460-989449/3	120.0	64.025138	40.0	289600.0	0.533543	Y



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Calibration / Nitrobenzene-d5

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

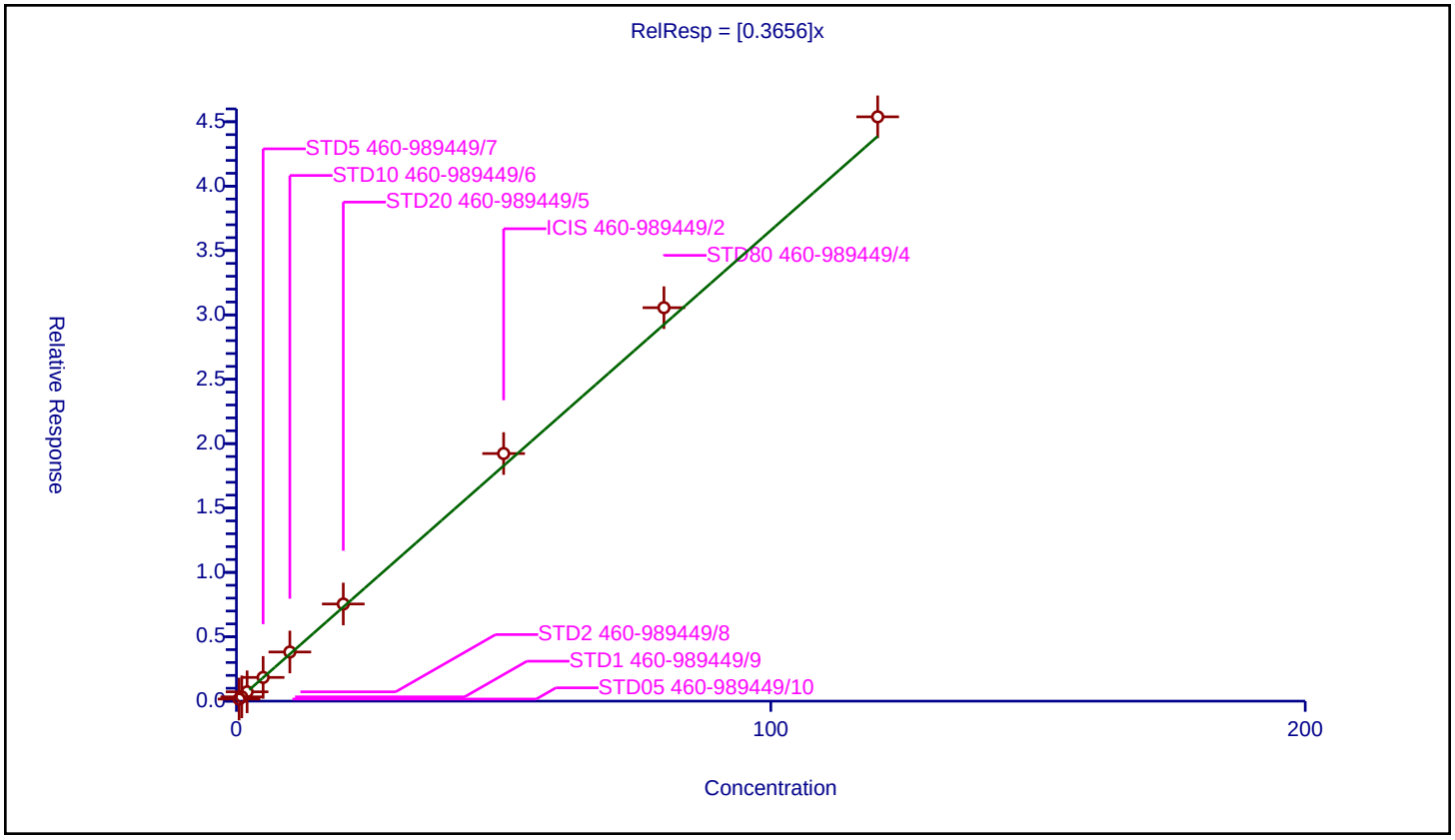
Curve Coefficients

Intercept:	0
Slope:	0.3656

Error Coefficients

Relative Standard Deviation:	6.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-989449/10	0.5	0.161529	40.0	1003656.0	0.323059	Y
2	STD1 460-989449/9	1.0	0.33312	40.0	1072645.0	0.33312	Y
3	STD2 460-989449/8	2.0	0.724707	40.0	951336.0	0.362354	Y
4	STD5 460-989449/7	5.0	1.841615	40.0	1064370.0	0.368323	Y
5	STD10 460-989449/6	10.0	3.817976	40.0	1089771.0	0.381798	Y
6	STD20 460-989449/5	20.0	7.54478	40.0	957393.0	0.377239	Y
7	ICIS 460-989449/2	50.0	19.231189	40.0	1078159.0	0.384624	Y
8	STD80 460-989449/4	80.0	30.559084	40.0	1153833.0	0.381989	Y
9	STD120 460-989449/3	120.0	45.383551	40.0	1129433.0	0.378196	Y



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Calibration / Nitrobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

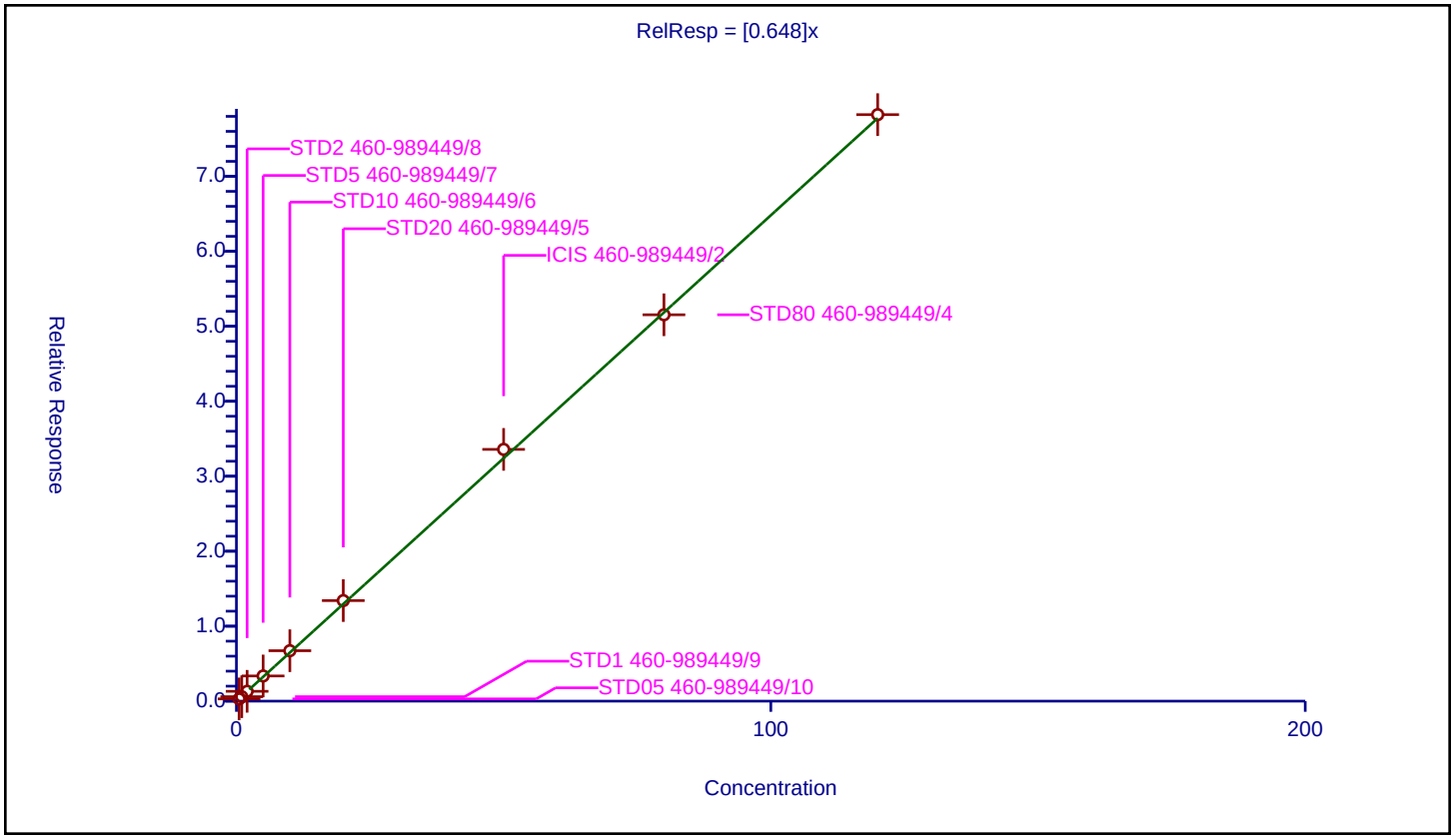
Curve Coefficients

Intercept:	0
Slope:	0.648

Error Coefficients

Relative Standard Deviation:	4.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-989449/10	0.5	0.299603	40.0	261279.0	0.599206	Y
2	STD1 460-989449/9	1.0	0.593549	40.0	283380.0	0.593549	Y
3	STD2 460-989449/8	2.0	1.313001	40.0	253130.0	0.656501	Y
4	STD5 460-989449/7	5.0	3.359185	40.0	284438.0	0.671837	Y
5	STD10 460-989449/6	10.0	6.727371	40.0	286965.0	0.672737	Y
6	STD20 460-989449/5	20.0	13.412247	40.0	258340.0	0.670612	Y
7	ICIS 460-989449/2	50.0	33.581712	40.0	281184.0	0.671634	Y
8	STD80 460-989449/4	80.0	51.53893	40.0	302132.0	0.644237	Y
9	STD120 460-989449/3	120.0	78.232459	40.0	289600.0	0.651937	Y



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Calibration / n,n'-Dimethylaniline

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

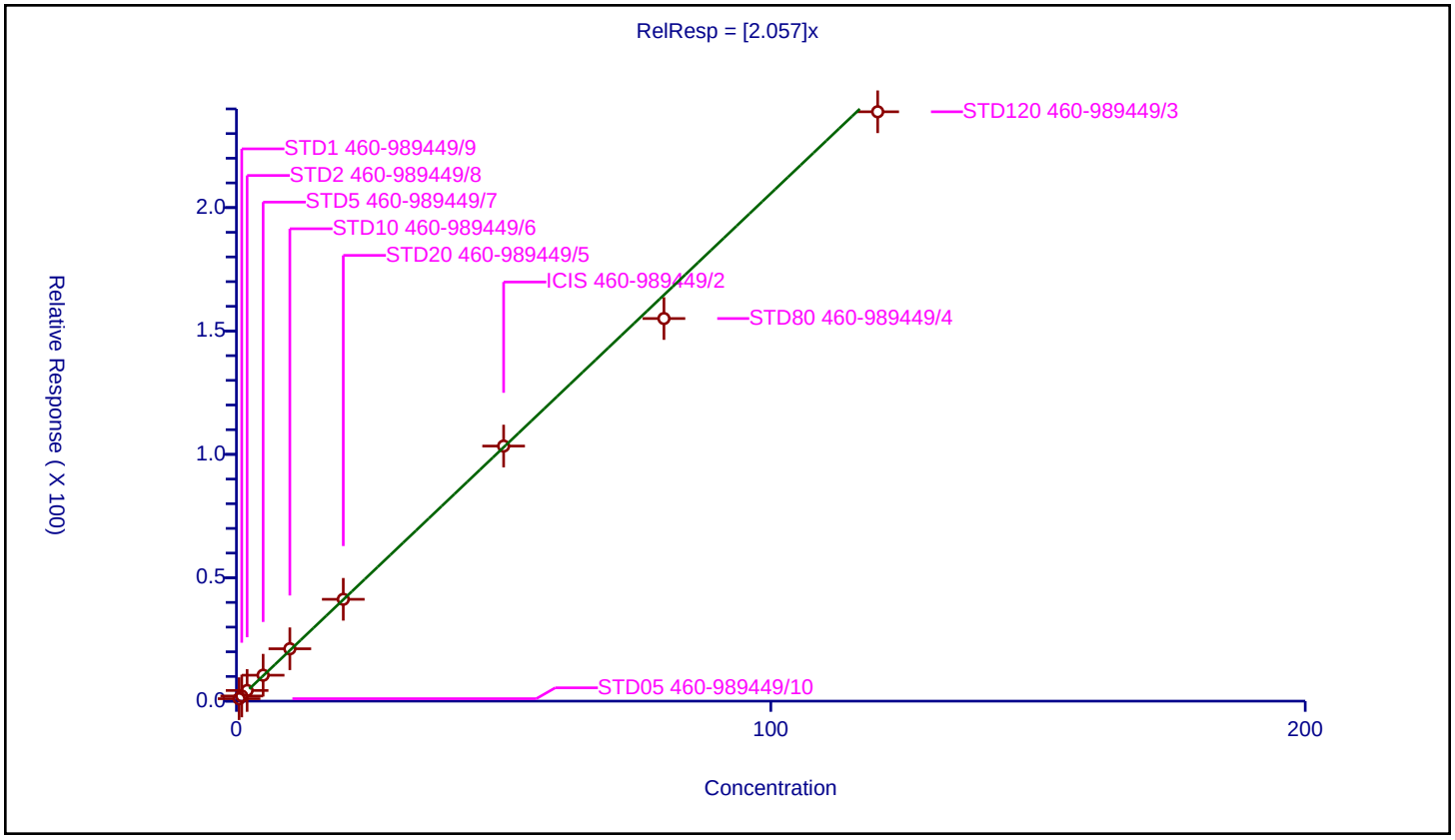
Curve Coefficients

Intercept:	0
Slope:	2.057

Error Coefficients

Relative Standard Deviation:	3.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-989449/10	0.5	0.99388	40.0	261279.0	1.98776	Y
2	STD1 460-989449/9	1.0	2.085539	40.0	283380.0	2.085539	Y
3	STD2 460-989449/8	2.0	4.319046	40.0	253130.0	2.159523	Y
4	STD5 460-989449/7	5.0	10.509426	40.0	284438.0	2.101885	Y
5	STD10 460-989449/6	10.0	21.223355	40.0	286965.0	2.122335	Y
6	STD20 460-989449/5	20.0	41.270883	40.0	258340.0	2.063544	Y
7	ICIS 460-989449/2	50.0	103.372169	40.0	281184.0	2.067443	Y
8	STD80 460-989449/4	80.0	155.050243	40.0	302132.0	1.938128	Y
9	STD120 460-989449/3	120.0	238.836602	40.0	289600.0	1.990305	Y



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Calibration / Isophorone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

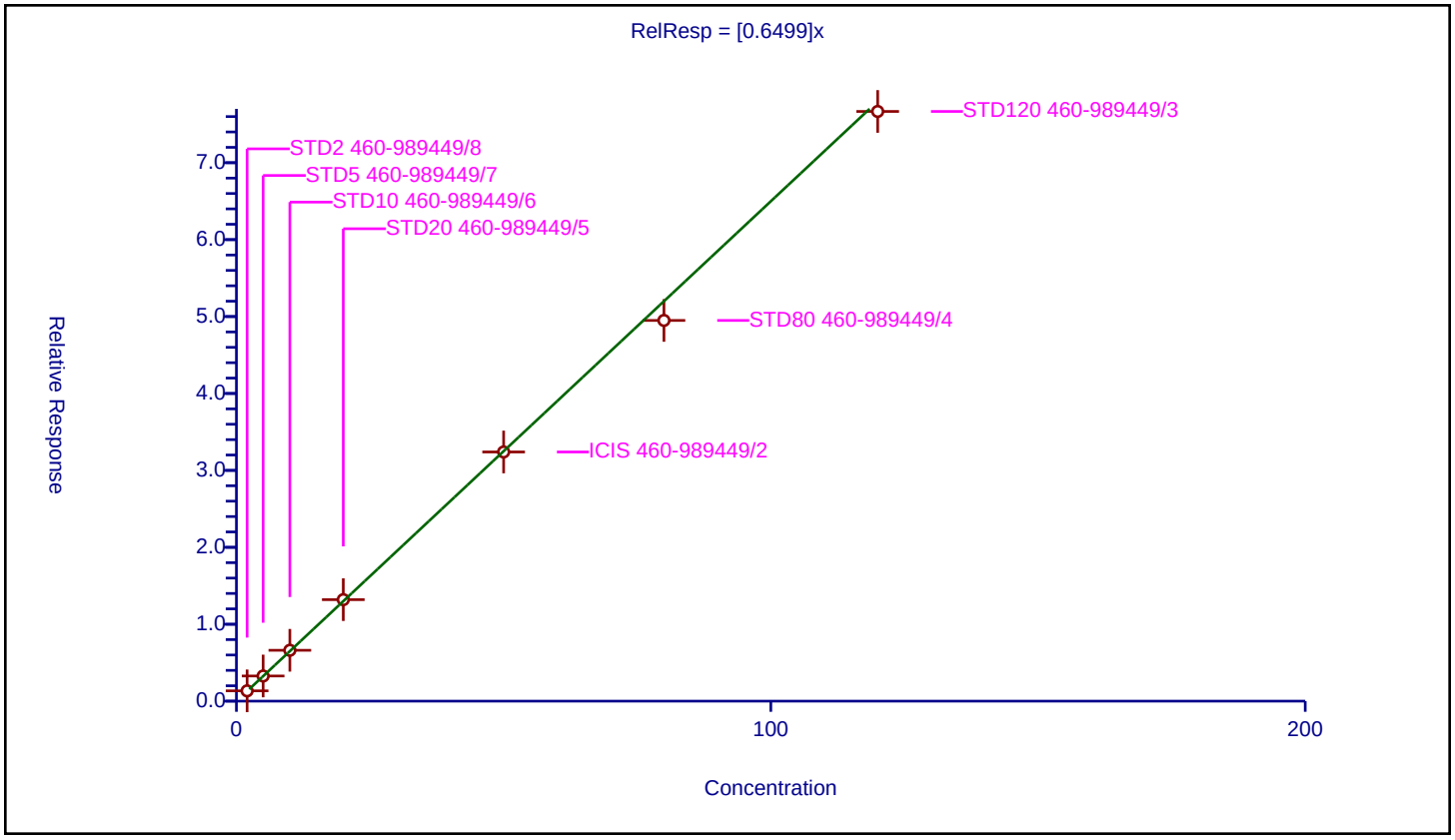
Curve Coefficients

Intercept:	0
Slope:	0.6499

Error Coefficients

Relative Standard Deviation:	2.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD2 460-989449/8	2.0	1.337109	40.0	951336.0	0.668555	Y
2	STD5 460-989449/7	5.0	3.270442	40.0	1064370.0	0.654088	Y
3	STD10 460-989449/6	10.0	6.612692	40.0	1089771.0	0.661269	Y
4	STD20 460-989449/5	20.0	13.195668	40.0	957393.0	0.659783	Y
5	ICIS 460-989449/2	50.0	32.396298	40.0	1078159.0	0.647926	Y
6	STD80 460-989449/4	80.0	49.496175	40.0	1153833.0	0.618702	Y
7	STD120 460-989449/3	120.0	76.667531	40.0	1129433.0	0.638896	Y



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Calibration / 2-Nitrophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

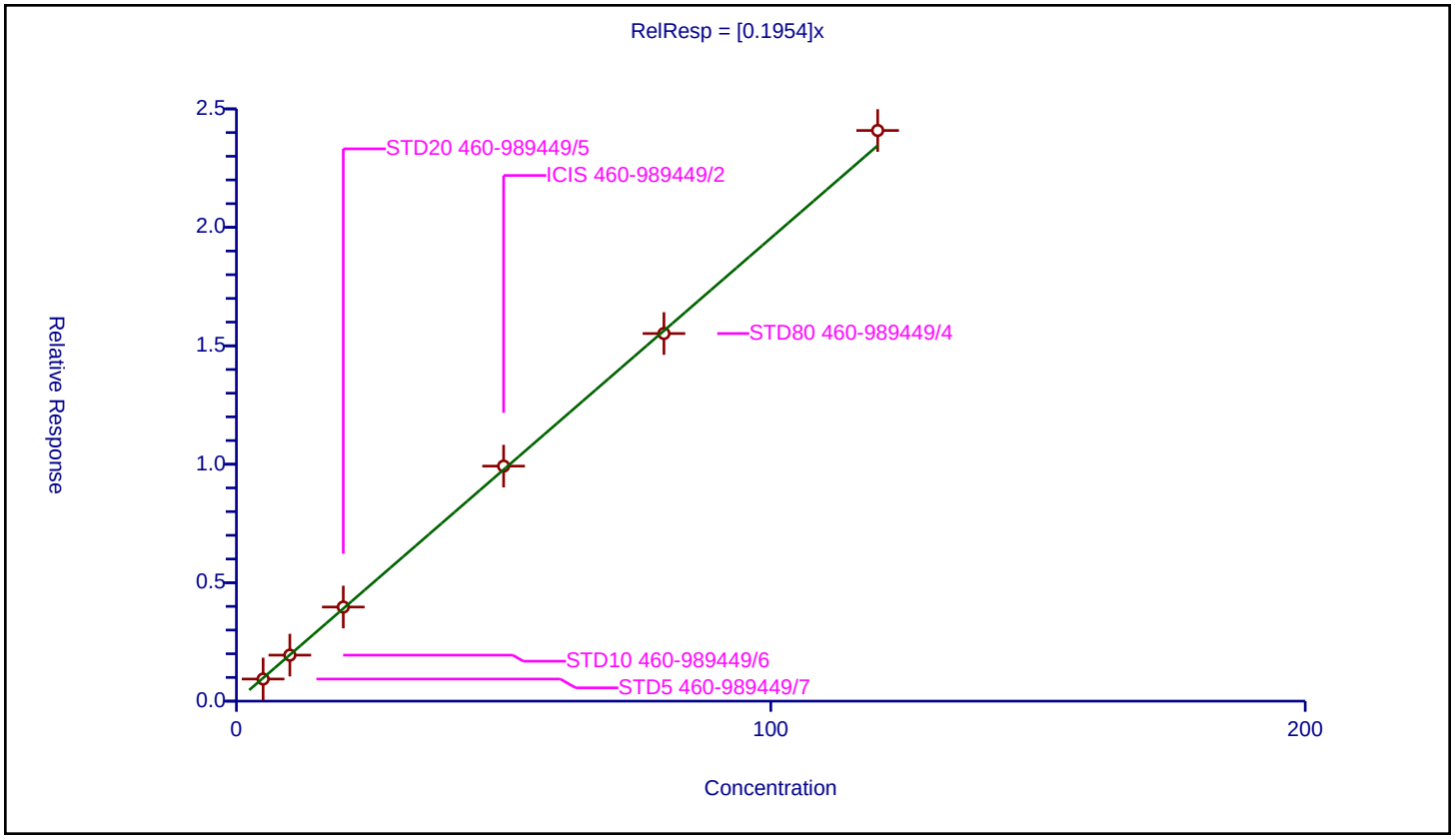
Curve Coefficients

Intercept:	0
Slope:	0.1954

Error Coefficients

Relative Standard Deviation:	2.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-989449/7	5.0	0.933735	40.0	1064370.0	0.186747	Y
2	STD10 460-989449/6	10.0	1.942096	40.0	1089771.0	0.19421	Y
3	STD20 460-989449/5	20.0	3.97212	40.0	957393.0	0.198606	Y
4	ICIS 460-989449/2	50.0	9.92132	40.0	1078159.0	0.198426	Y
5	STD80 460-989449/4	80.0	15.517636	40.0	1153833.0	0.19397	Y
6	STD120 460-989449/3	120.0	24.088476	40.0	1129433.0	0.200737	Y



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Calibration / 2,4-Dimethylphenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

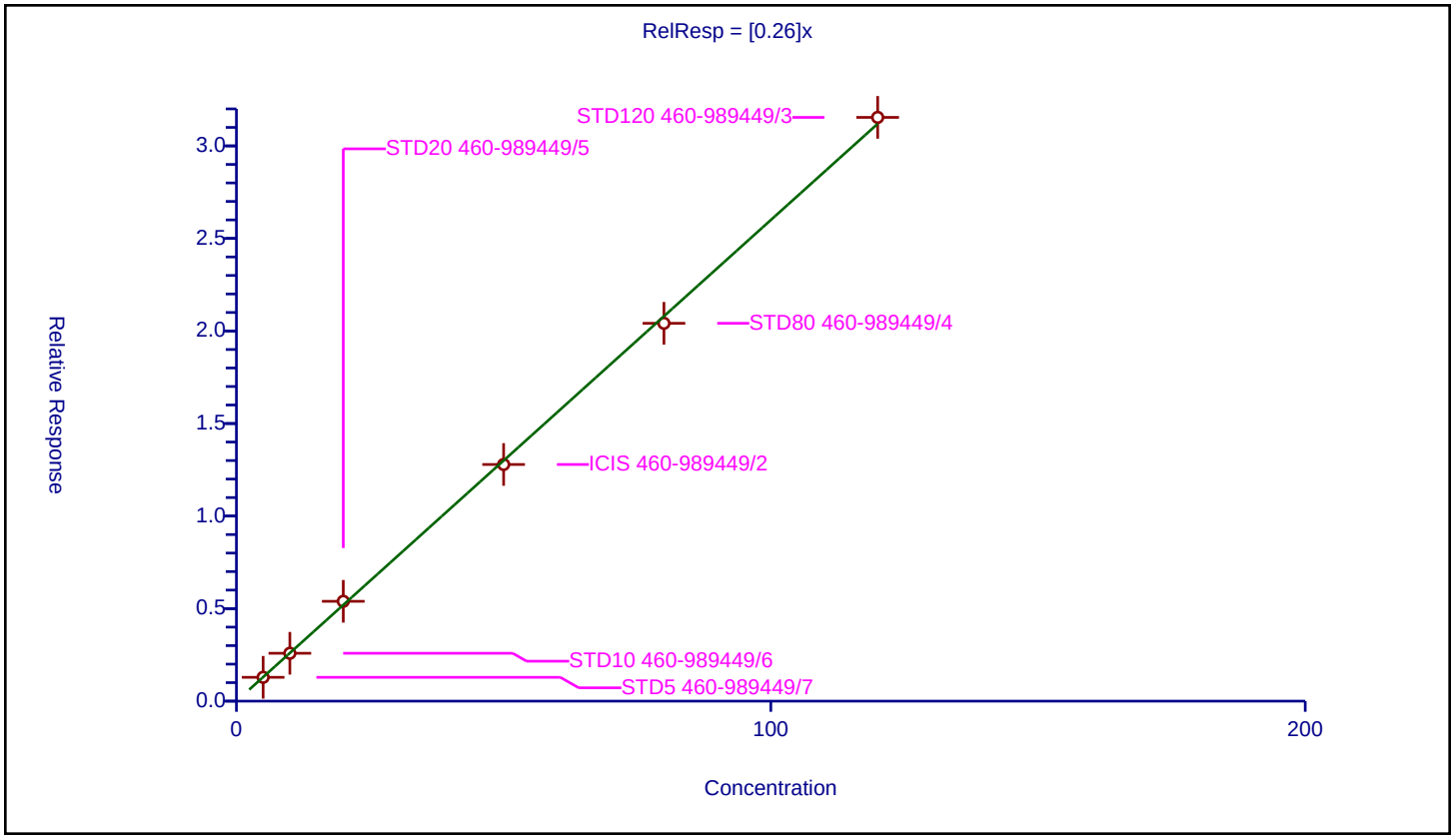
Curve Coefficients

Intercept:	0
Slope:	0.26

Error Coefficients

Relative Standard Deviation:	2.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-989449/7	5.0	1.287597	40.0	1064370.0	0.257519	Y
2	STD10 460-989449/6	10.0	2.586966	40.0	1089771.0	0.258697	Y
3	STD20 460-989449/5	20.0	5.394692	40.0	957393.0	0.269735	Y
4	ICIS 460-989449/2	50.0	12.787465	40.0	1078159.0	0.255749	Y
5	STD80 460-989449/4	80.0	20.415398	40.0	1153833.0	0.255192	Y
6	STD120 460-989449/3	120.0	31.540676	40.0	1129433.0	0.262839	Y



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Calibration / Benzoic acid

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

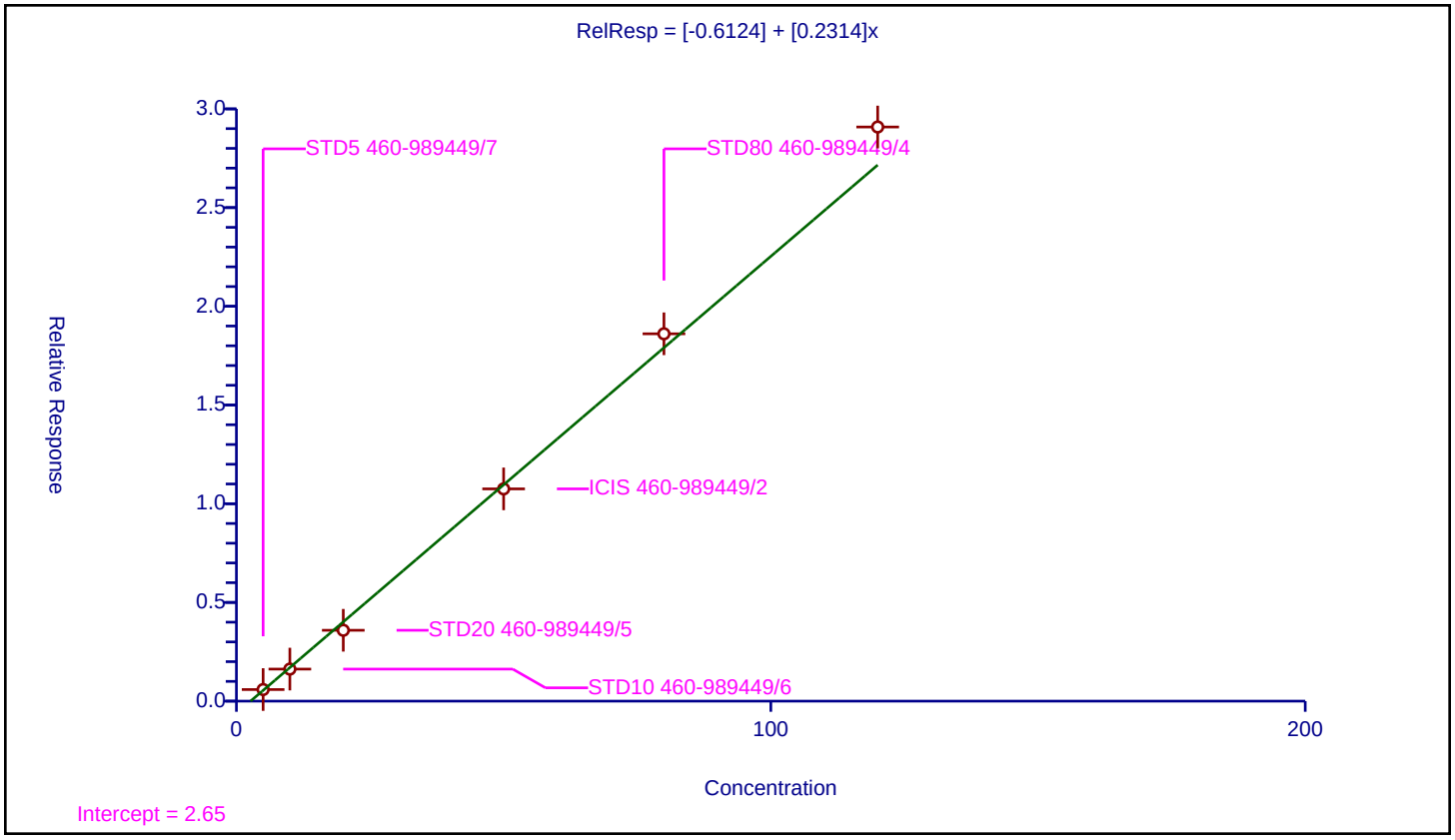
Curve Coefficients

Intercept:	-0.6124
Slope:	0.2314

Error Coefficients

Relative Standard Deviation:	6.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-989449/7	5.0	0.586939	40.0	1064370.0	0.117388	Y
2	STD10 460-989449/6	10.0	1.62357	40.0	1089771.0	0.162357	Y
3	STD20 460-989449/5	20.0	3.589205	40.0	957393.0	0.17946	Y
4	ICIS 460-989449/2	50.0	10.751772	40.0	1078159.0	0.215035	Y
5	STD80 460-989449/4	80.0	18.607823	40.0	1153833.0	0.232598	Y
6	STD120 460-989449/3	120.0	29.083159	40.0	1129433.0	0.24236	Y



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Calibration / Bis(2-chloroethoxy)methane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

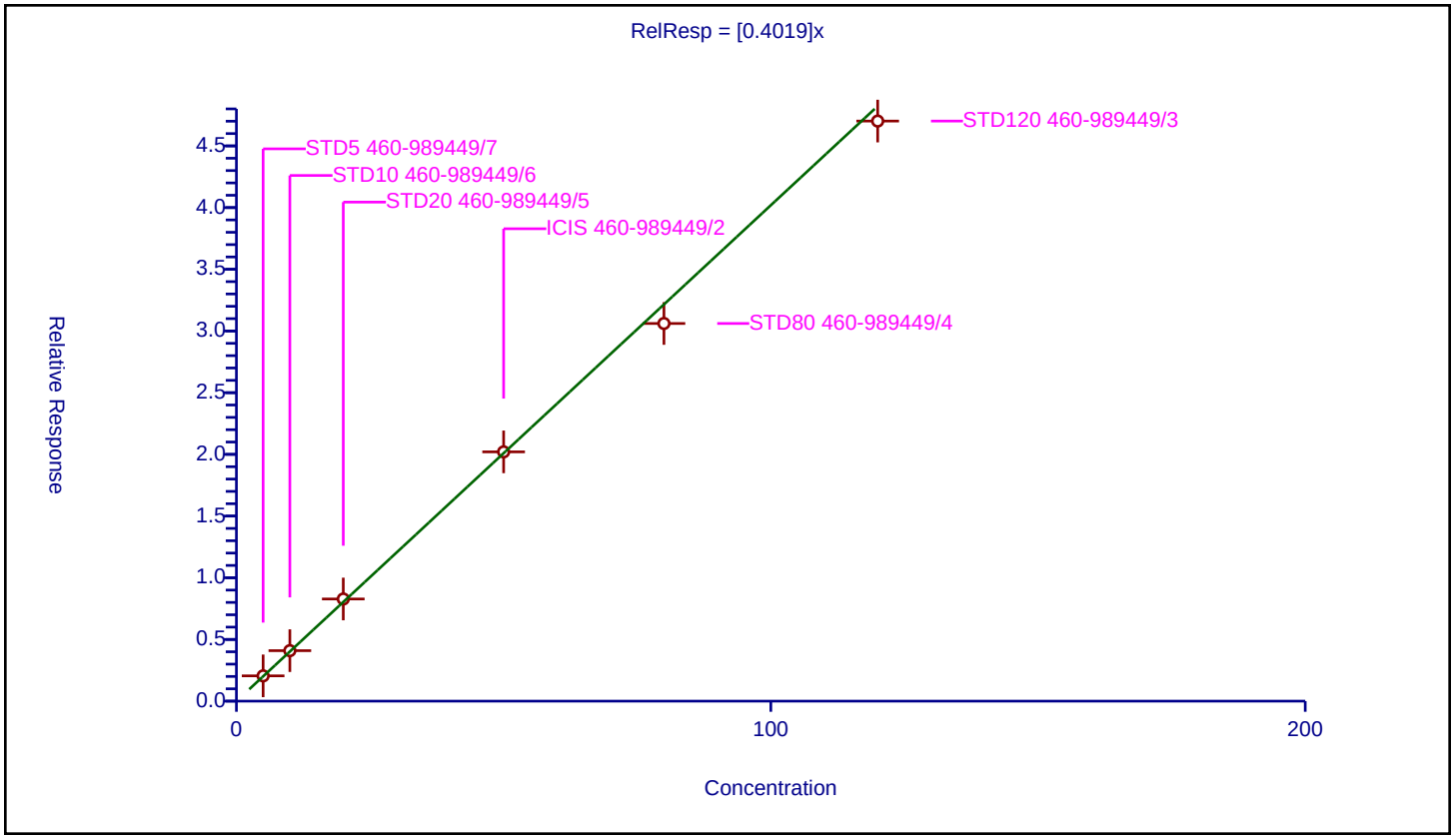
Curve Coefficients

Intercept:	0
Slope:	0.4019

Error Coefficients

Relative Standard Deviation:	3.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-989449/7	5.0	2.048912	40.0	1064370.0	0.409782	Y
2	STD10 460-989449/6	10.0	4.091135	40.0	1089771.0	0.409113	Y
3	STD20 460-989449/5	20.0	8.280194	40.0	957393.0	0.41401	Y
4	ICIS 460-989449/2	50.0	20.203291	40.0	1078159.0	0.404066	Y
5	STD80 460-989449/4	80.0	30.608589	40.0	1153833.0	0.382607	Y
6	STD120 460-989449/3	120.0	47.013183	40.0	1129433.0	0.391777	Y



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Calibration / 2,4-Dichlorophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

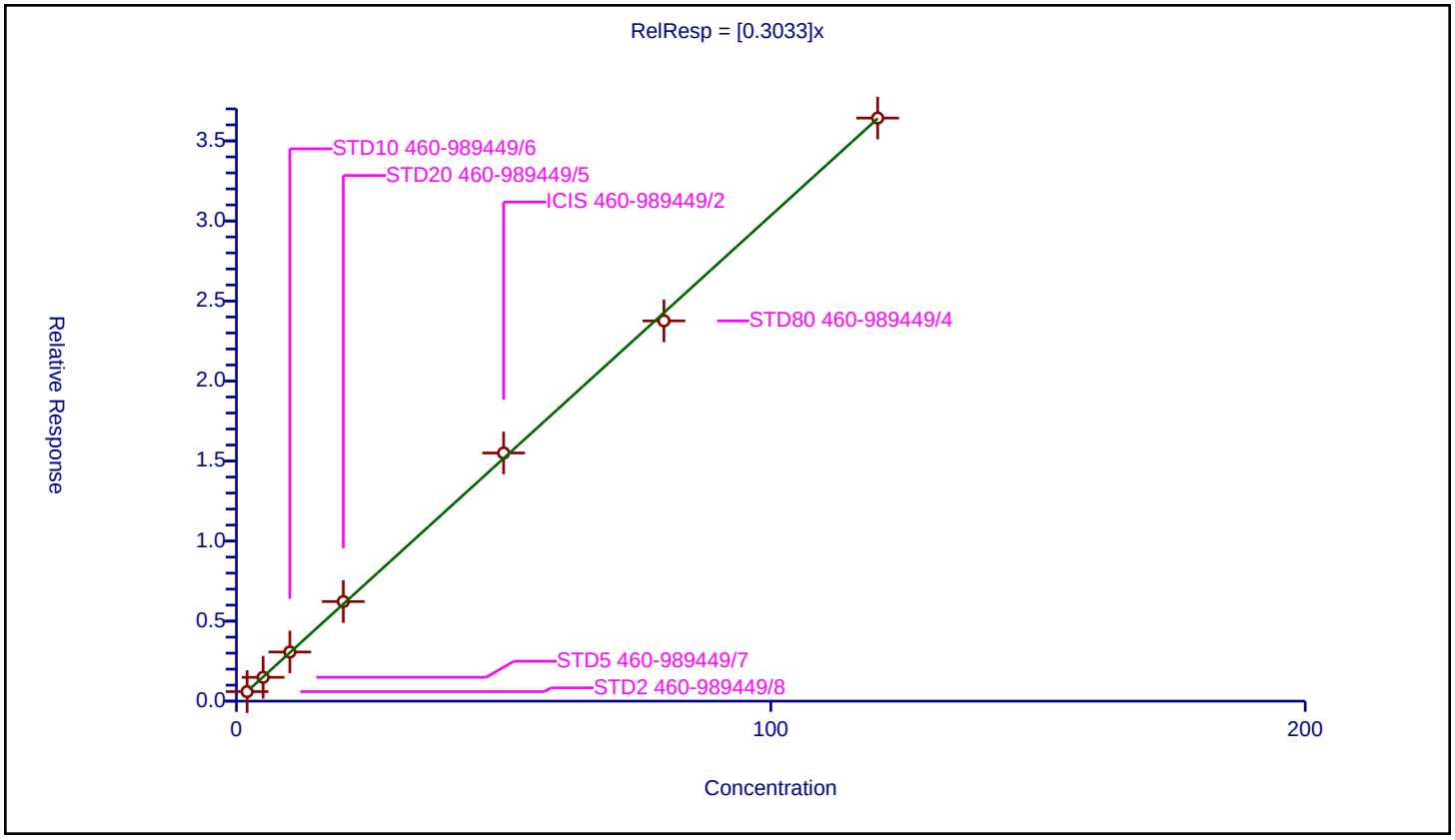
Curve Coefficients

Intercept:	0
Slope:	0.3033

Error Coefficients

Relative Standard Deviation:	2.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD2 460-989449/8	2.0	0.594112	40.0	951336.0	0.297056	Y
2	STD5 460-989449/7	5.0	1.488242	40.0	1064370.0	0.297648	Y
3	STD10 460-989449/6	10.0	3.069012	40.0	1089771.0	0.306901	Y
4	STD20 460-989449/5	20.0	6.221938	40.0	957393.0	0.311097	Y
5	ICIS 460-989449/2	50.0	15.503205	40.0	1078159.0	0.310064	Y
6	STD80 460-989449/4	80.0	23.759175	40.0	1153833.0	0.29699	Y
7	STD120 460-989449/3	120.0	36.427234	40.0	1129433.0	0.30356	Y



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Calibration / 1,2,4-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

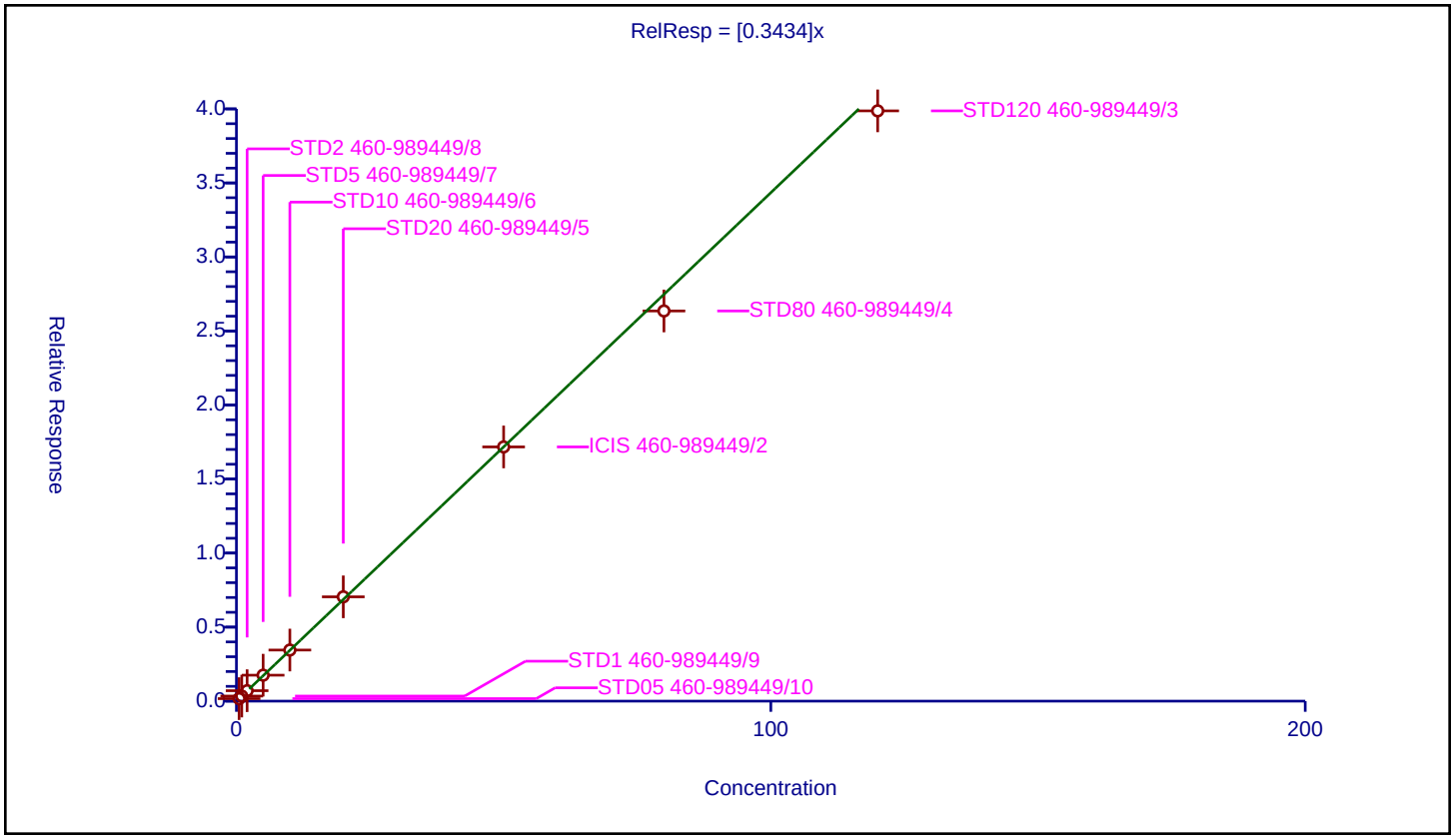
Curve Coefficients

Intercept:	0
Slope:	0.3434

Error Coefficients

Relative Standard Deviation:	2.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-989449/10	0.5	0.170815	40.0	1003656.0	0.341631	Y
2	STD1 460-989449/9	1.0	0.34304	40.0	1072645.0	0.34304	Y
3	STD2 460-989449/8	2.0	0.70566	40.0	951336.0	0.35283	Y
4	STD5 460-989449/7	5.0	1.753563	40.0	1064370.0	0.350713	Y
5	STD10 460-989449/6	10.0	3.451331	40.0	1089771.0	0.345133	Y
6	STD20 460-989449/5	20.0	7.0458	40.0	957393.0	0.35229	Y
7	ICIS 460-989449/2	50.0	17.169379	40.0	1078159.0	0.343388	Y
8	STD80 460-989449/4	80.0	26.35286	40.0	1153833.0	0.329411	Y
9	STD120 460-989449/3	120.0	39.865986	40.0	1129433.0	0.332217	Y



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Calibration / Naphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

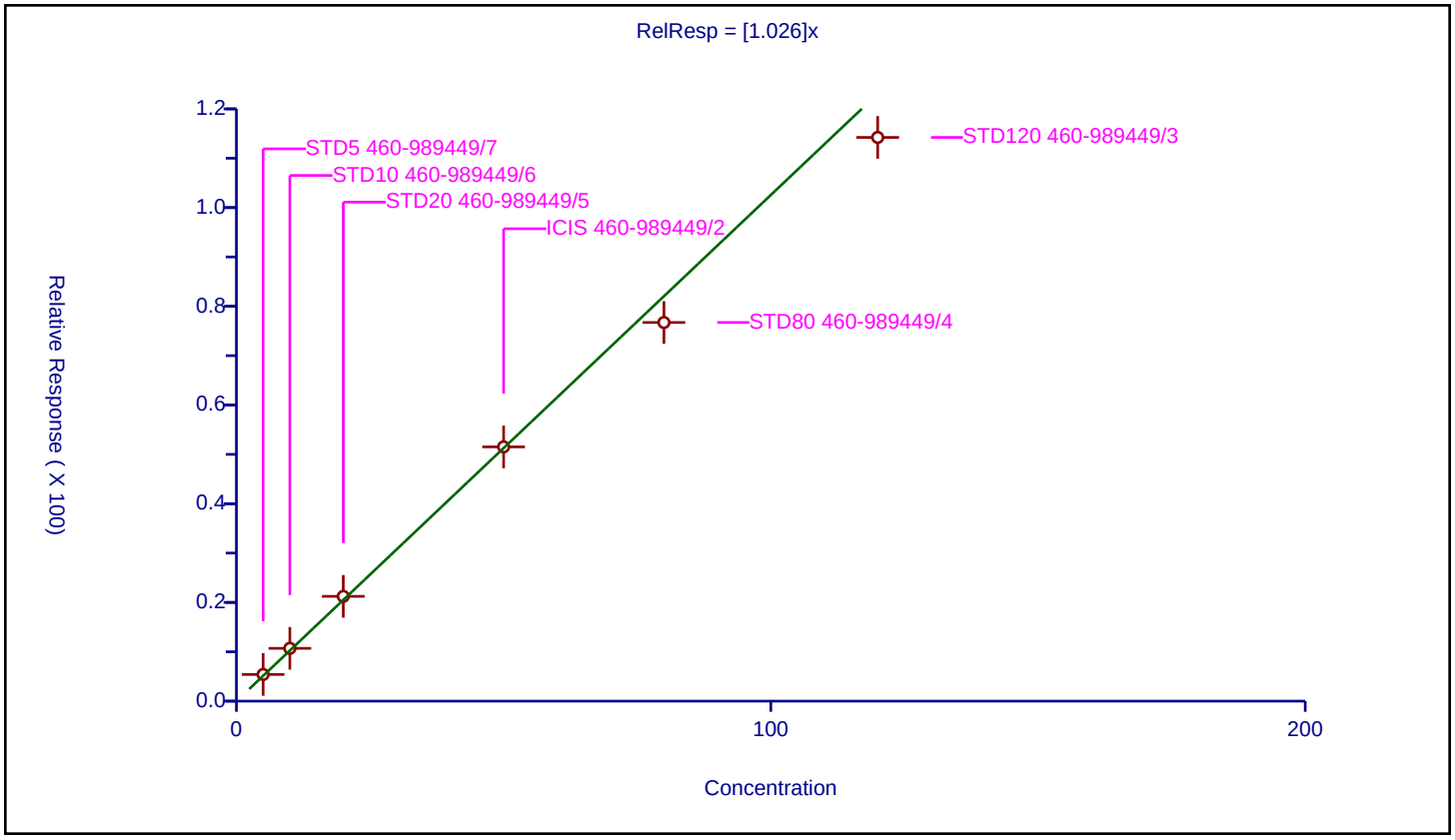
Curve Coefficients

Intercept:	0
Slope:	1.026

Error Coefficients

Relative Standard Deviation:	5.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-989449/7	5.0	5.403459	40.0	1064370.0	1.080692	Y
2	STD10 460-989449/6	10.0	10.697073	40.0	1089771.0	1.069707	Y
3	STD20 460-989449/5	20.0	21.229944	40.0	957393.0	1.061497	Y
4	ICIS 460-989449/2	50.0	51.518041	40.0	1078159.0	1.030361	Y
5	STD80 460-989449/4	80.0	76.718797	40.0	1153833.0	0.958985	Y
6	STD120 460-989449/3	120.0	114.217559	40.0	1129433.0	0.951813	Y



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Calibration / 4-Chloroaniline

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

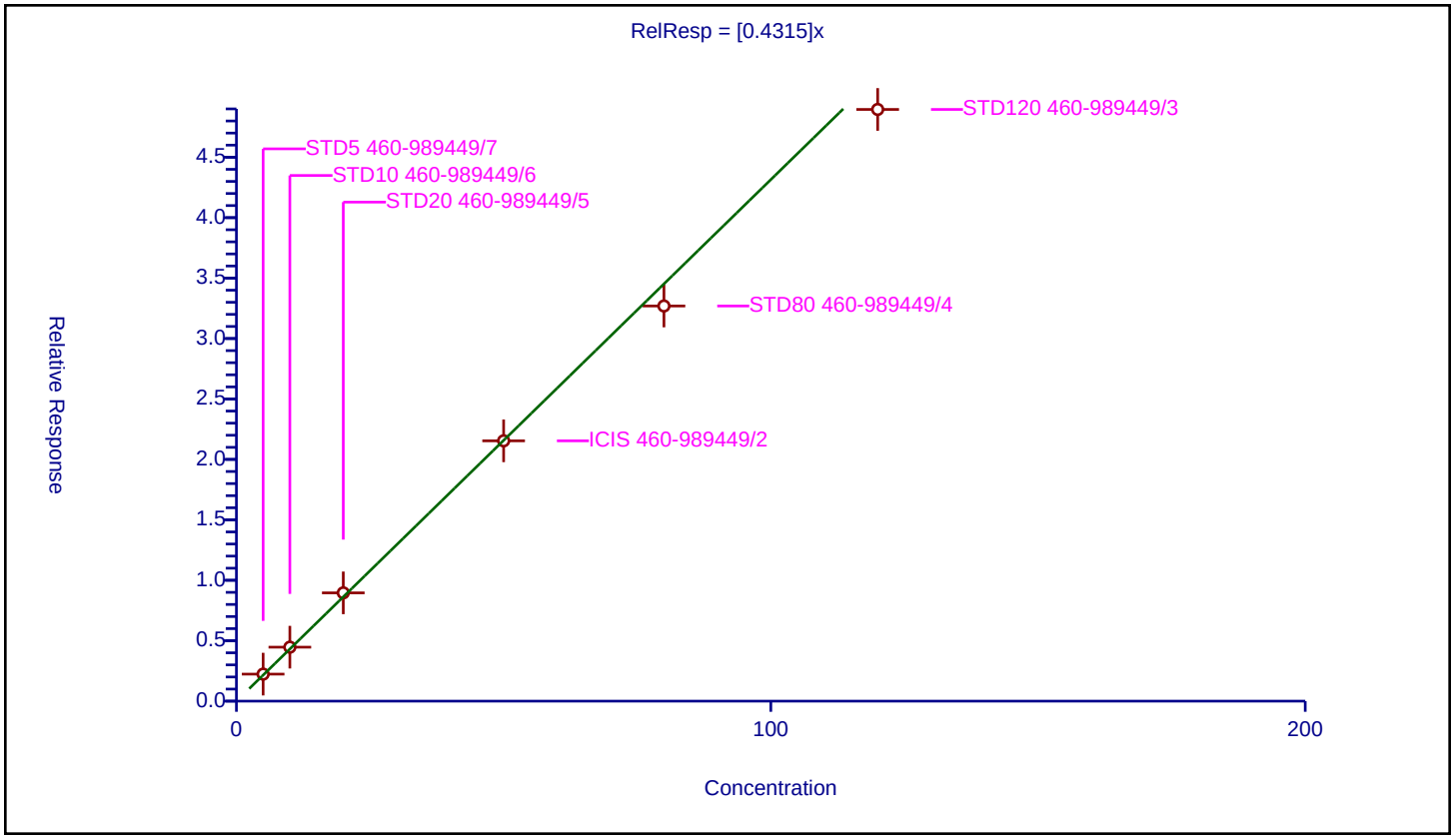
Curve Coefficients

Intercept:	0
Slope:	0.4315

Error Coefficients

Relative Standard Deviation:	4.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-989449/7	5.0	2.235689	40.0	1064370.0	0.447138	Y
2	STD10 460-989449/6	10.0	4.464608	40.0	1089771.0	0.446461	Y
3	STD20 460-989449/5	20.0	8.95933	40.0	957393.0	0.447967	Y
4	ICIS 460-989449/2	50.0	21.537194	40.0	1078159.0	0.430744	Y
5	STD80 460-989449/4	80.0	32.692842	40.0	1153833.0	0.408661	Y
6	STD120 460-989449/3	120.0	48.953625	40.0	1129433.0	0.407947	Y



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Calibration / 2,6-Dichlorophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

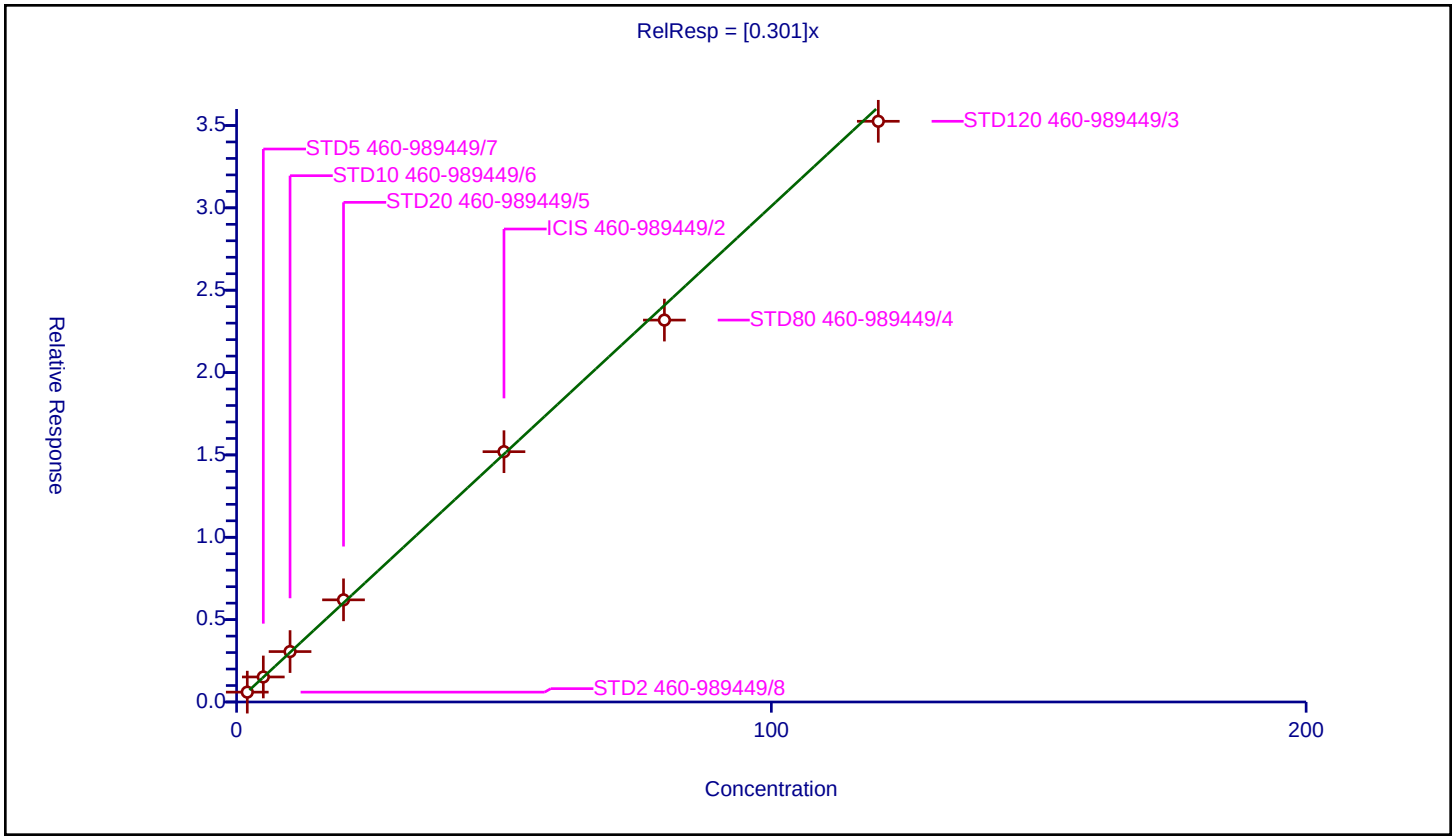
Curve Coefficients

Intercept:	0
Slope:	0.301

Error Coefficients

Relative Standard Deviation:	2.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD2 460-989449/8	2.0	0.598653	40.0	951336.0	0.299326	Y
2	STD5 460-989449/7	5.0	1.519998	40.0	1064370.0	0.304	Y
3	STD10 460-989449/6	10.0	3.06112	40.0	1089771.0	0.306112	Y
4	STD20 460-989449/5	20.0	6.202093	40.0	957393.0	0.310105	Y
5	ICIS 460-989449/2	50.0	15.195681	40.0	1078159.0	0.303914	Y
6	STD80 460-989449/4	80.0	23.185643	40.0	1153833.0	0.289821	Y
7	STD120 460-989449/3	120.0	35.255779	40.0	1129433.0	0.293798	Y



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Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

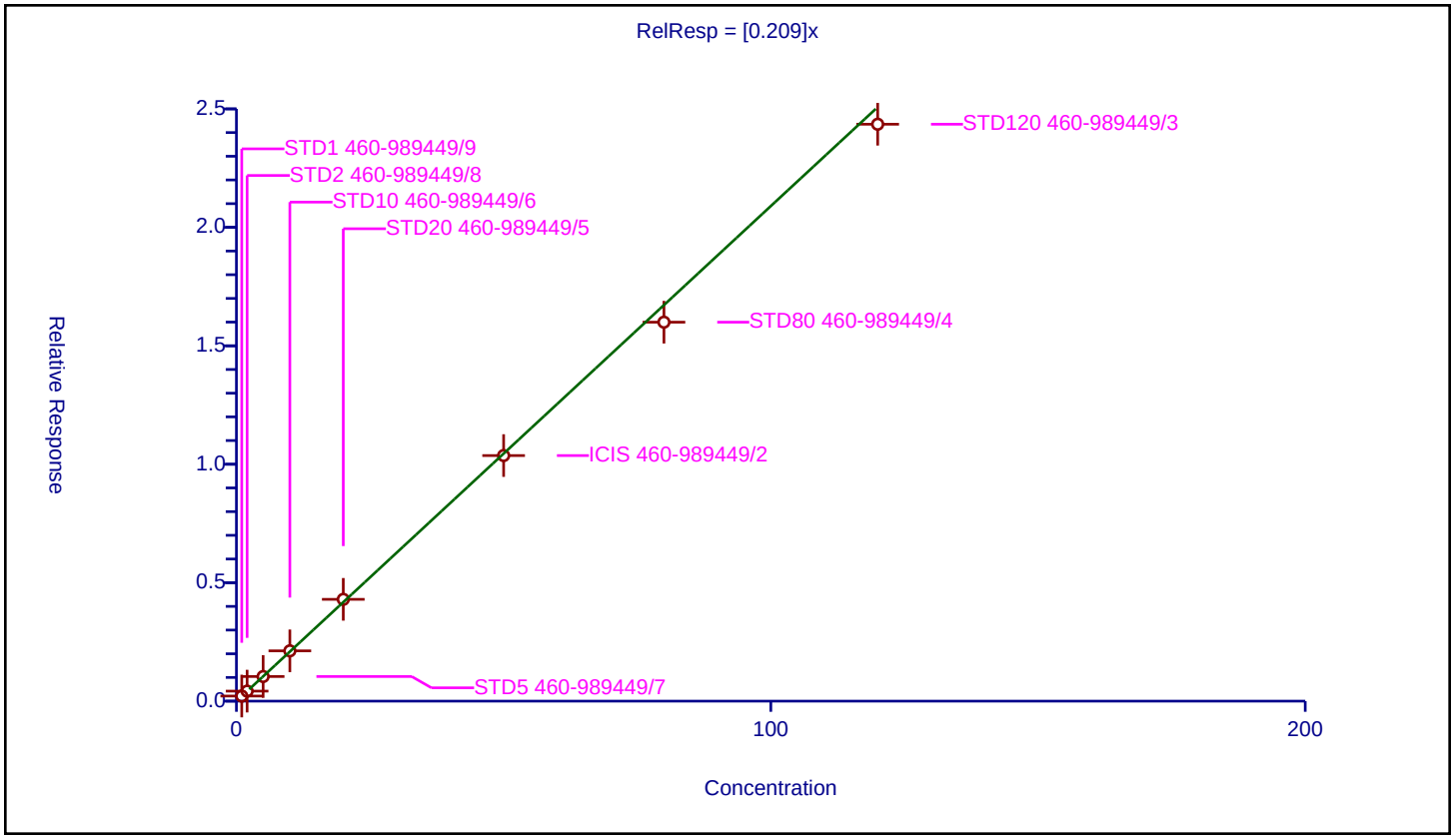
Curve Coefficients

Intercept:	0
Slope:	0.209

Error Coefficients

Relative Standard Deviation:	2.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-989449/9	1.0	0.214796	40.0	1072645.0	0.214796	Y
2	STD2 460-989449/8	2.0	0.423573	40.0	951336.0	0.211786	Y
3	STD5 460-989449/7	5.0	1.03915	40.0	1064370.0	0.20783	Y
4	STD10 460-989449/6	10.0	2.123088	40.0	1089771.0	0.212309	Y
5	STD20 460-989449/5	20.0	4.297044	40.0	957393.0	0.214852	Y
6	ICIS 460-989449/2	50.0	10.365966	40.0	1078159.0	0.207319	Y
7	STD80 460-989449/4	80.0	15.996873	40.0	1153833.0	0.199961	Y
8	STD120 460-989449/3	120.0	24.352609	40.0	1129433.0	0.202938	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

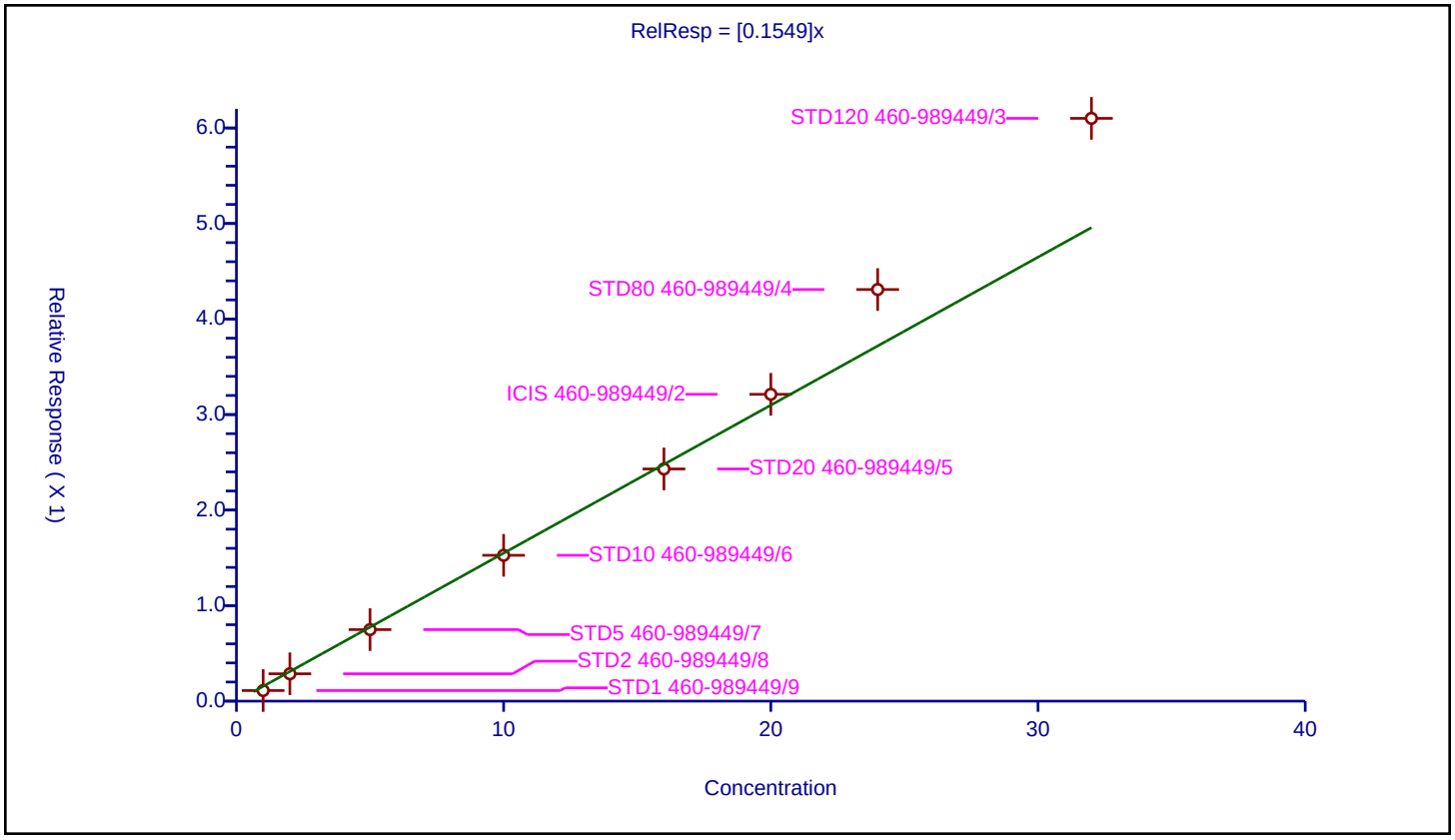
Curve Coefficients

Intercept:	0
Slope:	0.1549

Error Coefficients

Relative Standard Deviation:	15.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-989449/9	1.0	0.110941	40.0	1072645.0	0.110941	Y
2	STD2 460-989449/8	2.0	0.286586	40.0	951336.0	0.143293	Y
3	STD5 460-989449/7	5.0	0.748875	40.0	1064370.0	0.149775	Y
4	STD10 460-989449/6	10.0	1.526633	40.0	1089771.0	0.152663	Y
5	STD20 460-989449/5	16.0	2.430642	40.0	957393.0	0.151915	Y
6	ICIS 460-989449/2	20.0	3.212216	40.0	1078159.0	0.160611	Y
7	STD80 460-989449/4	24.0	4.308977	40.0	1153833.0	0.179541	Y
8	STD120 460-989449/3	32.0	6.10115	40.0	1129433.0	0.190661	Y



Calibration / 4-Chloro-3-methylphenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

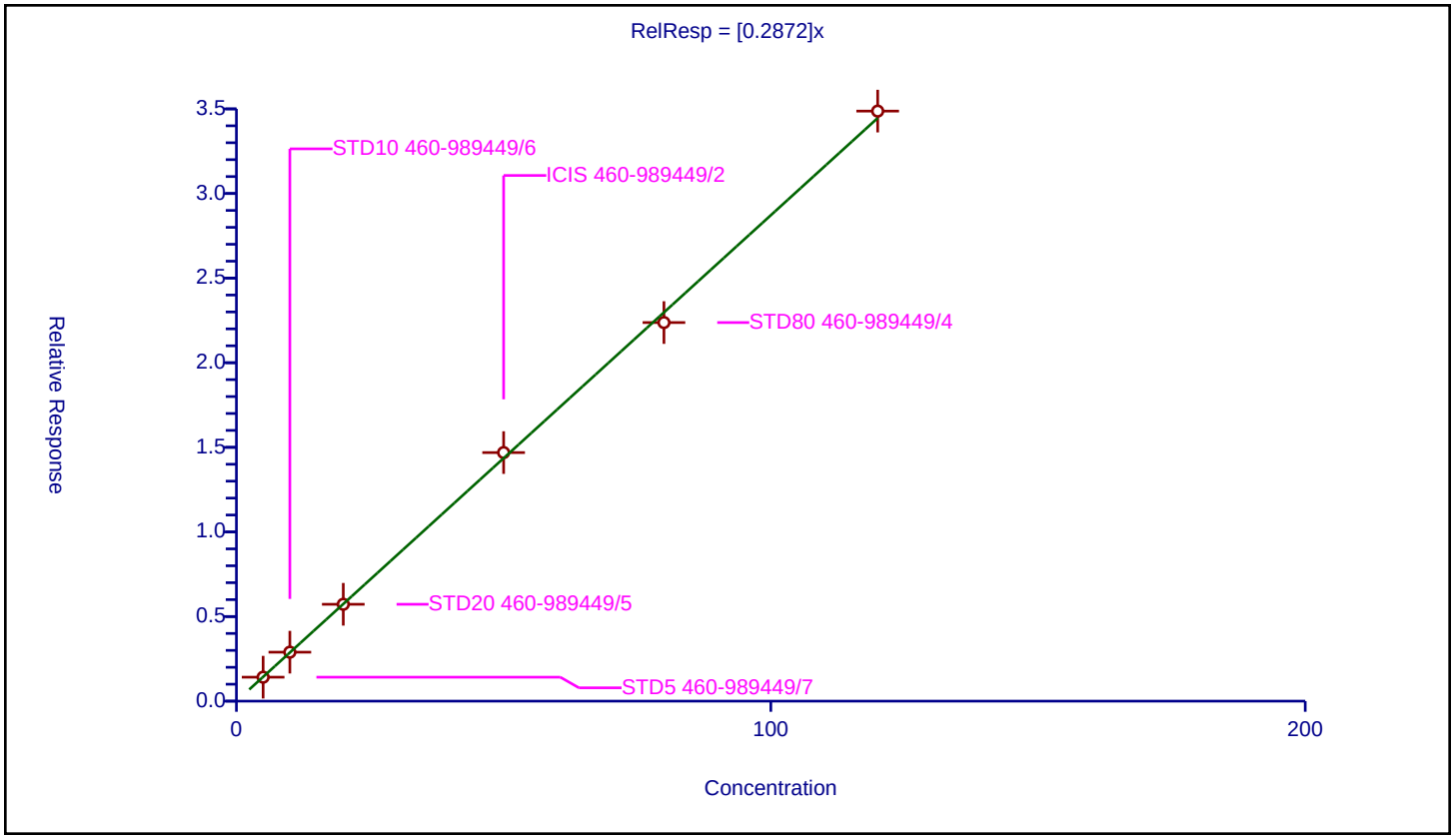
Curve Coefficients

Intercept:	0
Slope:	0.2872

Error Coefficients

Relative Standard Deviation:	1.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-989449/7	5.0	1.416537	40.0	1064370.0	0.283307	Y
2	STD10 460-989449/6	10.0	2.893856	40.0	1089771.0	0.289386	Y
3	STD20 460-989449/5	20.0	5.724086	40.0	957393.0	0.286204	Y
4	ICIS 460-989449/2	50.0	14.688483	40.0	1078159.0	0.29377	Y
5	STD80 460-989449/4	80.0	22.374191	40.0	1153833.0	0.279677	Y
6	STD120 460-989449/3	120.0	34.868576	40.0	1129433.0	0.290571	Y



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Calibration / 2-Methylnaphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

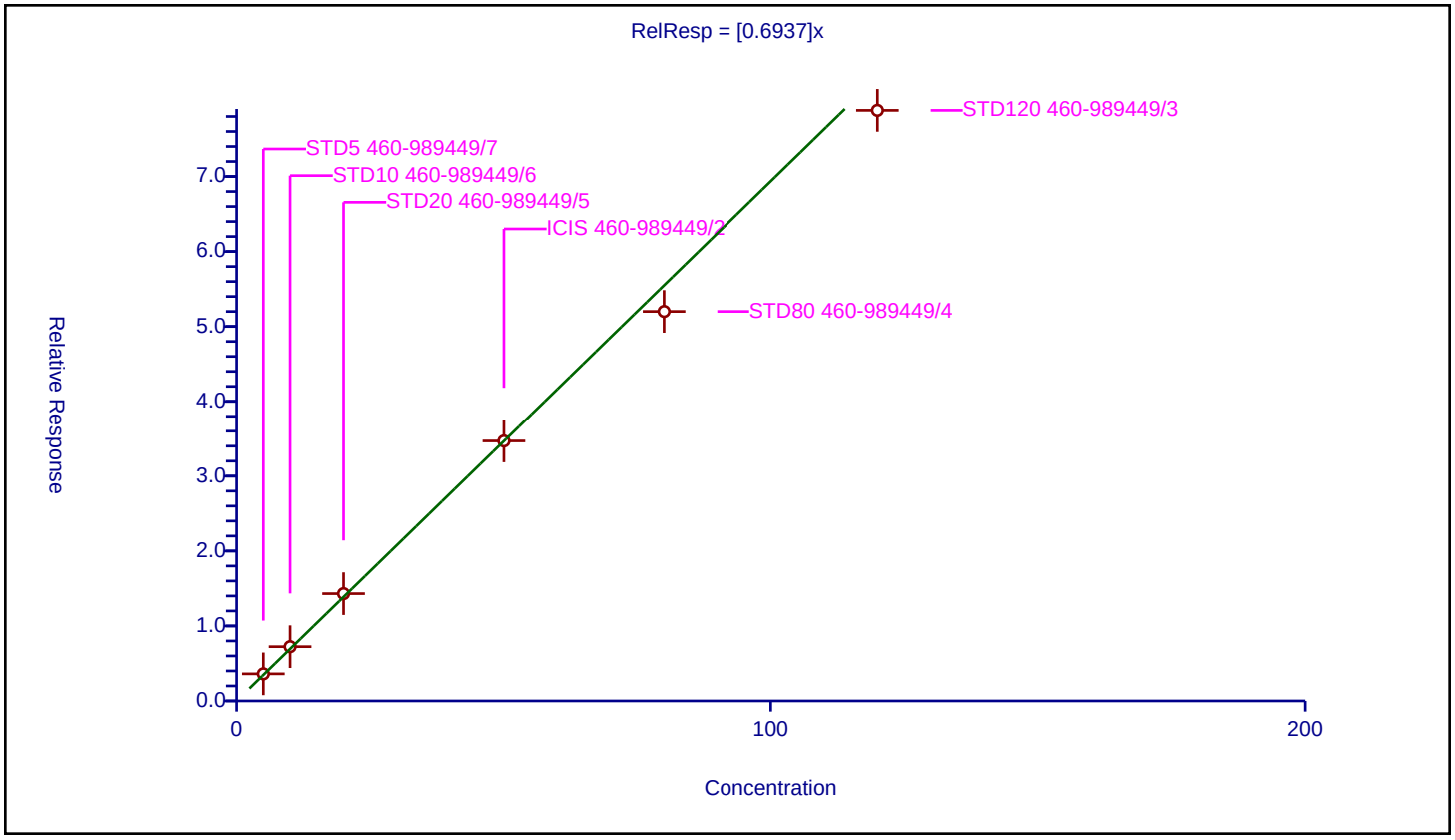
Curve Coefficients

Intercept:	0
Slope:	0.6937

Error Coefficients

Relative Standard Deviation:	4.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-989449/7	5.0	3.609985	40.0	1064370.0	0.721997	Y
2	STD10 460-989449/6	10.0	7.234841	40.0	1089771.0	0.723484	Y
3	STD20 460-989449/5	20.0	14.313829	40.0	957393.0	0.715691	Y
4	ICIS 460-989449/2	50.0	34.69581	40.0	1078159.0	0.693916	Y
5	STD80 460-989449/4	80.0	52.001529	40.0	1153833.0	0.650019	Y
6	STD120 460-989449/3	120.0	78.816716	40.0	1129433.0	0.656806	Y



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Calibration / 1-Methylnaphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

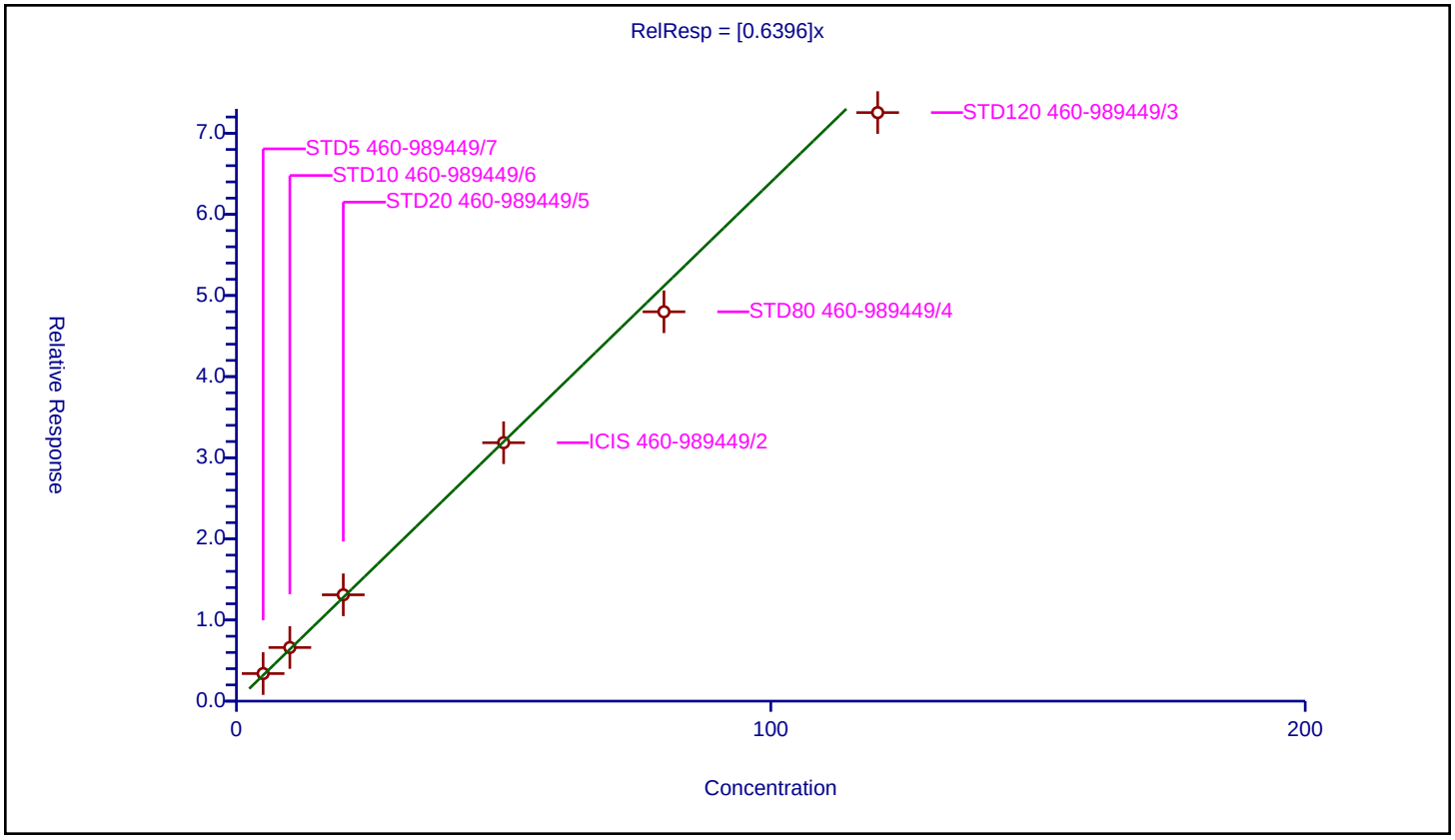
Curve Coefficients

Intercept:	0
Slope:	0.6396

Error Coefficients

Relative Standard Deviation:	5.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-989449/7	5.0	3.398179	40.0	1064370.0	0.679636	Y
2	STD10 460-989449/6	10.0	6.609609	40.0	1089771.0	0.660961	Y
3	STD20 460-989449/5	20.0	13.105465	40.0	957393.0	0.655273	Y
4	ICIS 460-989449/2	50.0	31.854856	40.0	1078159.0	0.637097	Y
5	STD80 460-989449/4	80.0	47.994952	40.0	1153833.0	0.599937	Y
6	STD120 460-989449/3	120.0	72.544011	40.0	1129433.0	0.604533	Y



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Calibration / Hexachlorocyclopentadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

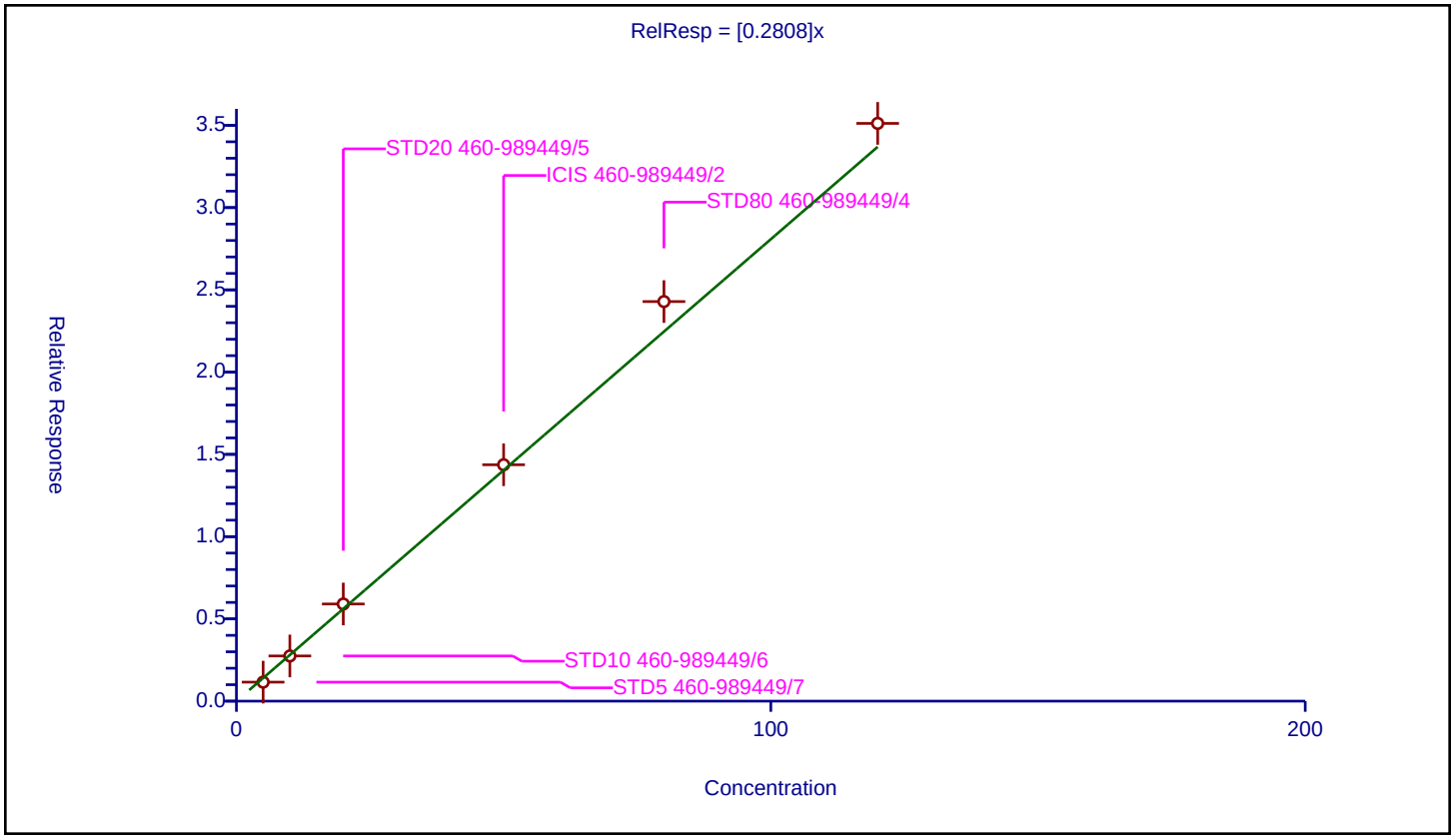
Curve Coefficients

Intercept:	0
Slope:	0.2808

Error Coefficients

Relative Standard Deviation:	9.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-989449/7	5.0	1.155215	40.0	602901.0	0.231043	Y
2	STD10 460-989449/6	10.0	2.747016	40.0	611427.0	0.274702	Y
3	STD20 460-989449/5	20.0	5.905442	40.0	540979.0	0.295272	Y
4	ICIS 460-989449/2	50.0	14.368515	40.0	618764.0	0.28737	Y
5	STD80 460-989449/4	80.0	24.287839	40.0	648112.0	0.303598	Y
6	STD120 460-989449/3	120.0	35.11893	40.0	636508.0	0.292658	Y



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Calibration / 1,2,4,5-Tetrachlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

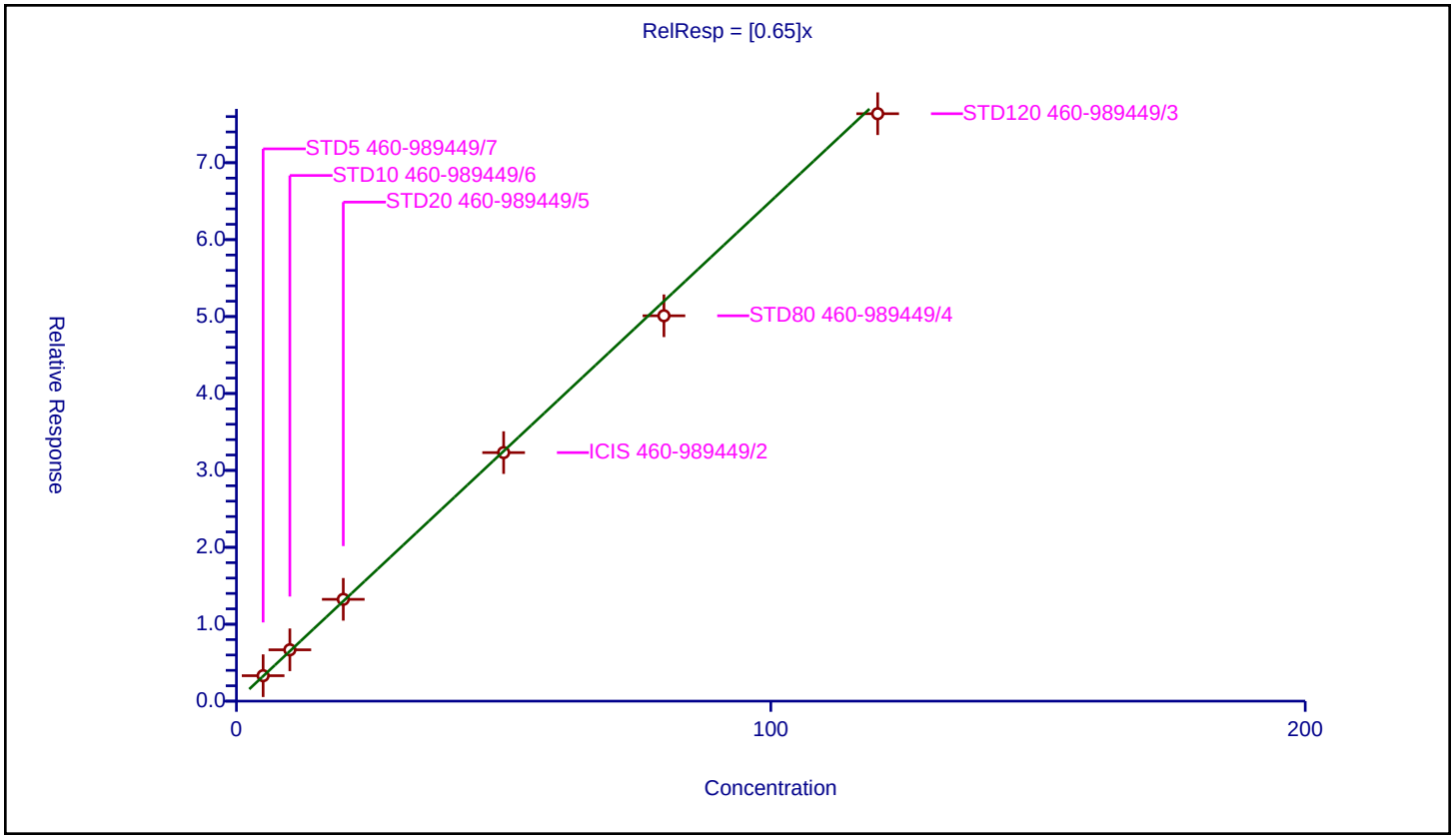
Curve Coefficients

Intercept:	0
Slope:	0.65

Error Coefficients

Relative Standard Deviation:	2.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-989449/7	5.0	3.309067	40.0	602901.0	0.661813	Y
2	STD10 460-989449/6	10.0	6.673241	40.0	611427.0	0.667324	Y
3	STD20 460-989449/5	20.0	13.236373	40.0	540979.0	0.661819	Y
4	ICIS 460-989449/2	50.0	32.313774	40.0	618764.0	0.646275	Y
5	STD80 460-989449/4	80.0	50.105167	40.0	648112.0	0.626315	Y
6	STD120 460-989449/3	120.0	76.374845	40.0	636508.0	0.636457	Y



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Calibration / 2-tertbutyl-4-methylphenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

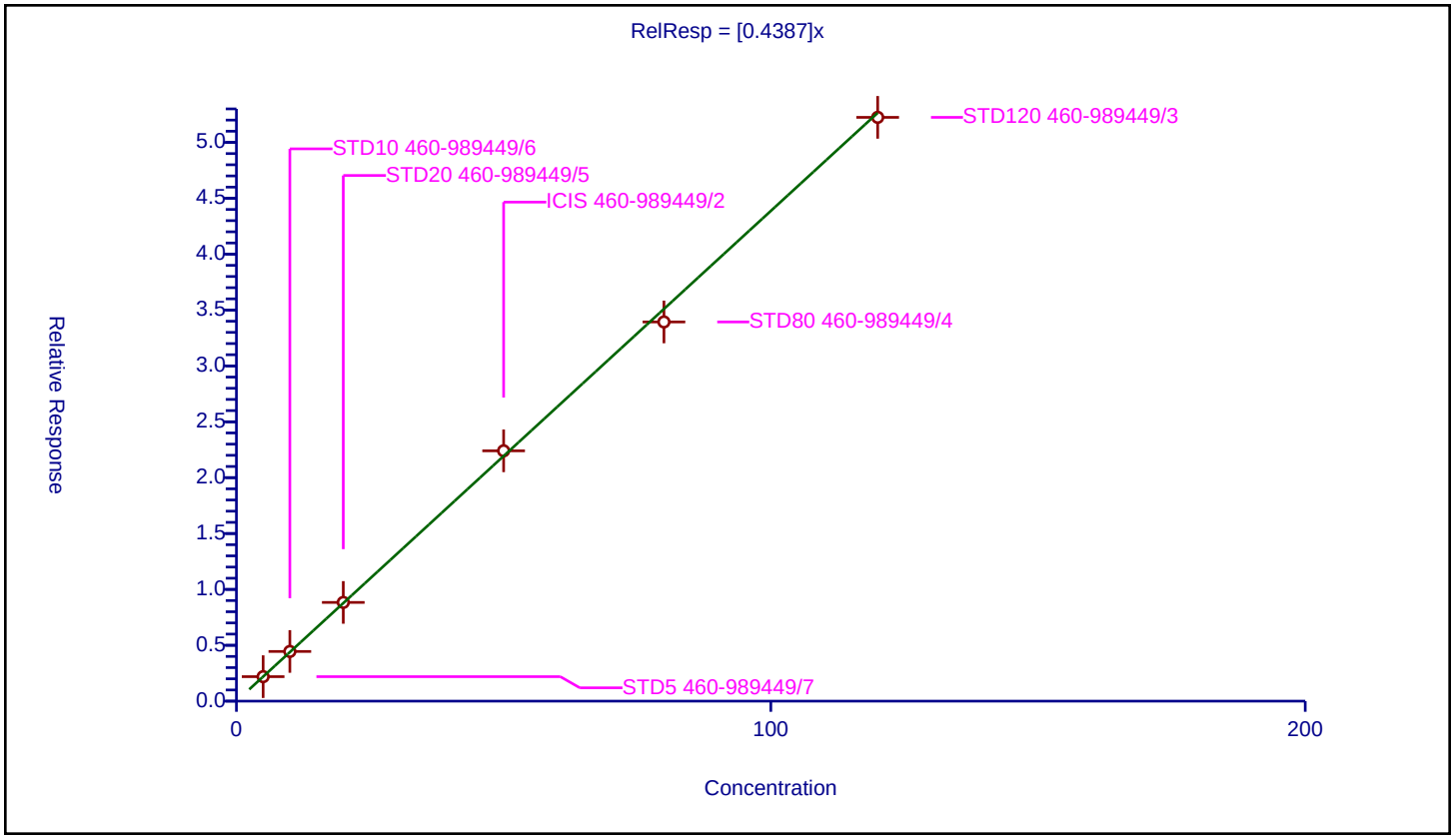
Curve Coefficients

Intercept:	0
Slope:	0.4387

Error Coefficients

Relative Standard Deviation:	1.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-989449/7	5.0	2.190704	40.0	1064370.0	0.438141	Y
2	STD10 460-989449/6	10.0	4.446255	40.0	1089771.0	0.444626	Y
3	STD20 460-989449/5	20.0	8.835369	40.0	957393.0	0.441768	Y
4	ICIS 460-989449/2	50.0	22.401891	40.0	1078159.0	0.448038	Y
5	STD80 460-989449/4	80.0	33.935795	40.0	1153833.0	0.424197	Y
6	STD120 460-989449/3	120.0	52.242461	40.0	1129433.0	0.435354	Y



Calibration / 2,4,6-Trichlorophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

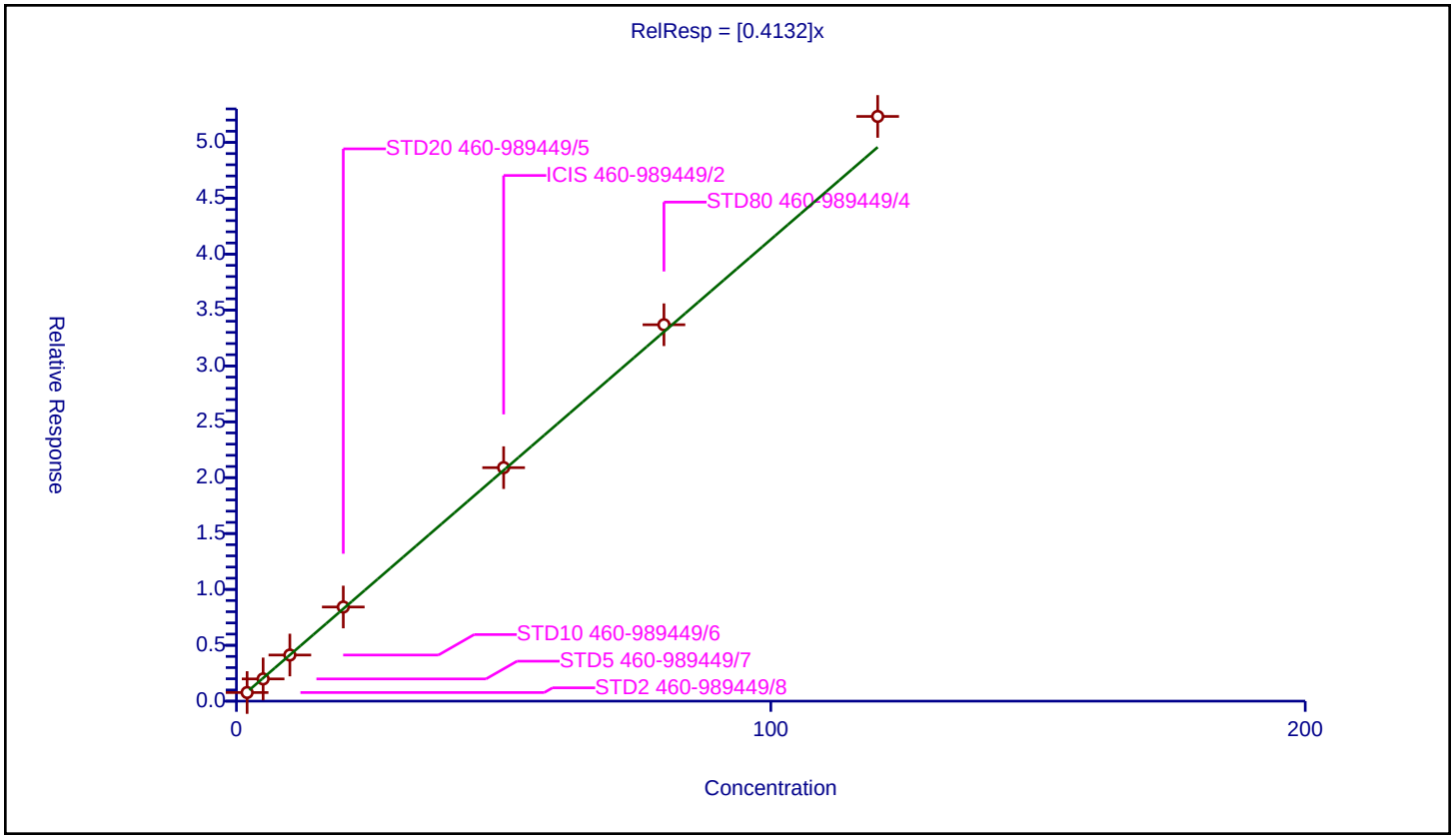
Curve Coefficients

Intercept:	0
Slope:	0.4132

Error Coefficients

Relative Standard Deviation:	4.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD2 460-989449/8	2.0	0.770711	40.0	534104.0	0.385356	Y
2	STD5 460-989449/7	5.0	1.988652	40.0	602901.0	0.39773	Y
3	STD10 460-989449/6	10.0	4.12759	40.0	611427.0	0.412759	Y
4	STD20 460-989449/5	20.0	8.424209	40.0	540979.0	0.42121	Y
5	ICIS 460-989449/2	50.0	20.895527	40.0	618764.0	0.417911	Y
6	STD80 460-989449/4	80.0	33.685536	40.0	648112.0	0.421069	Y
7	STD120 460-989449/3	120.0	52.324935	40.0	636508.0	0.436041	Y



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Calibration / 2,4,5-Trichlorophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

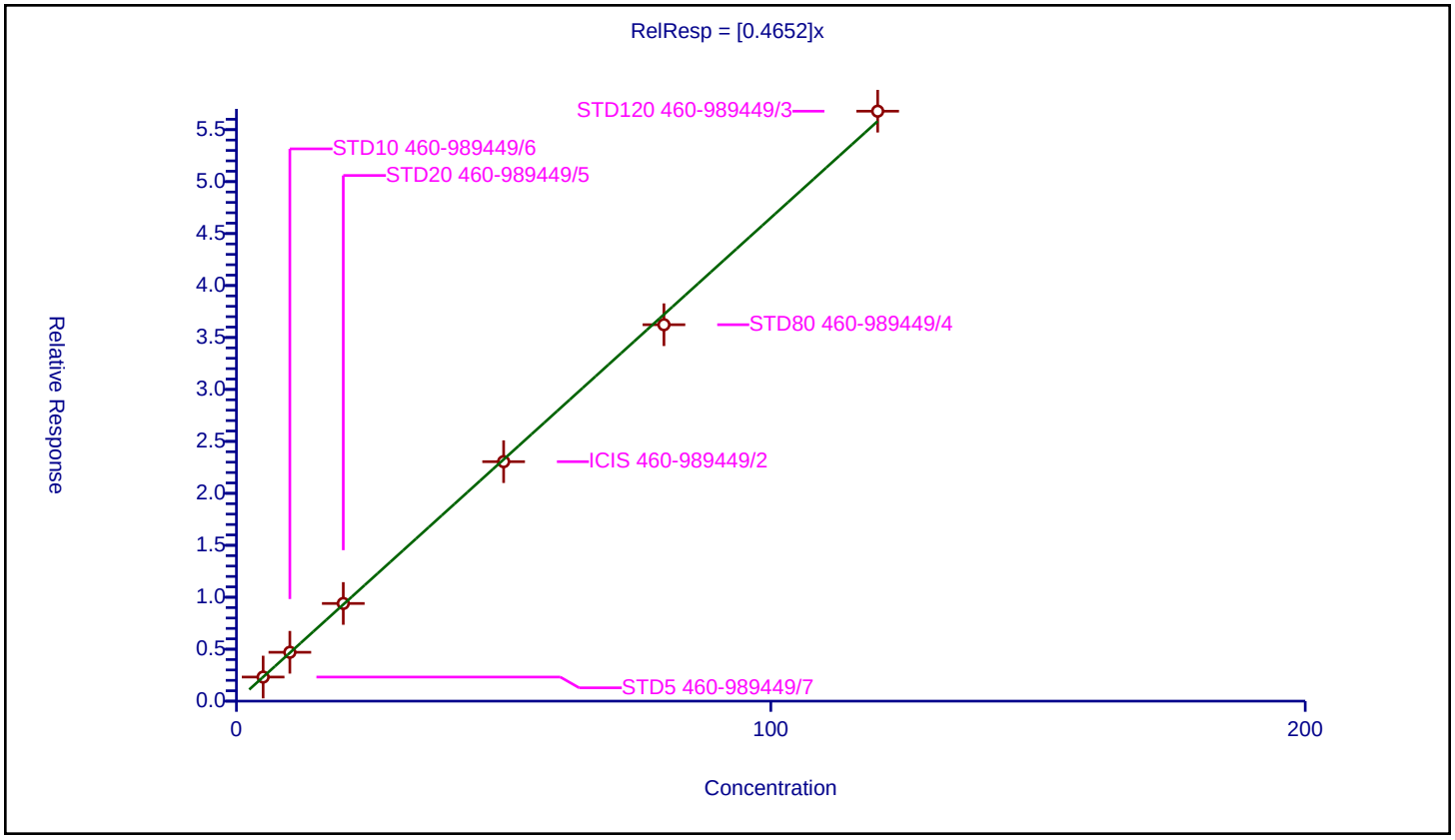
Curve Coefficients

Intercept:	0
Slope:	0.4652

Error Coefficients

Relative Standard Deviation:	1.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-989449/7	5.0	2.318789	40.0	602901.0	0.463758	Y
2	STD10 460-989449/6	10.0	4.7029	40.0	611427.0	0.47029	Y
3	STD20 460-989449/5	20.0	9.399921	40.0	540979.0	0.469996	Y
4	ICIS 460-989449/2	50.0	23.048206	40.0	618764.0	0.460964	Y
5	STD80 460-989449/4	80.0	36.228862	40.0	648112.0	0.452861	Y
6	STD120 460-989449/3	120.0	56.778422	40.0	636508.0	0.473154	Y



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Calibration / 2-Fluorobiphenyl

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

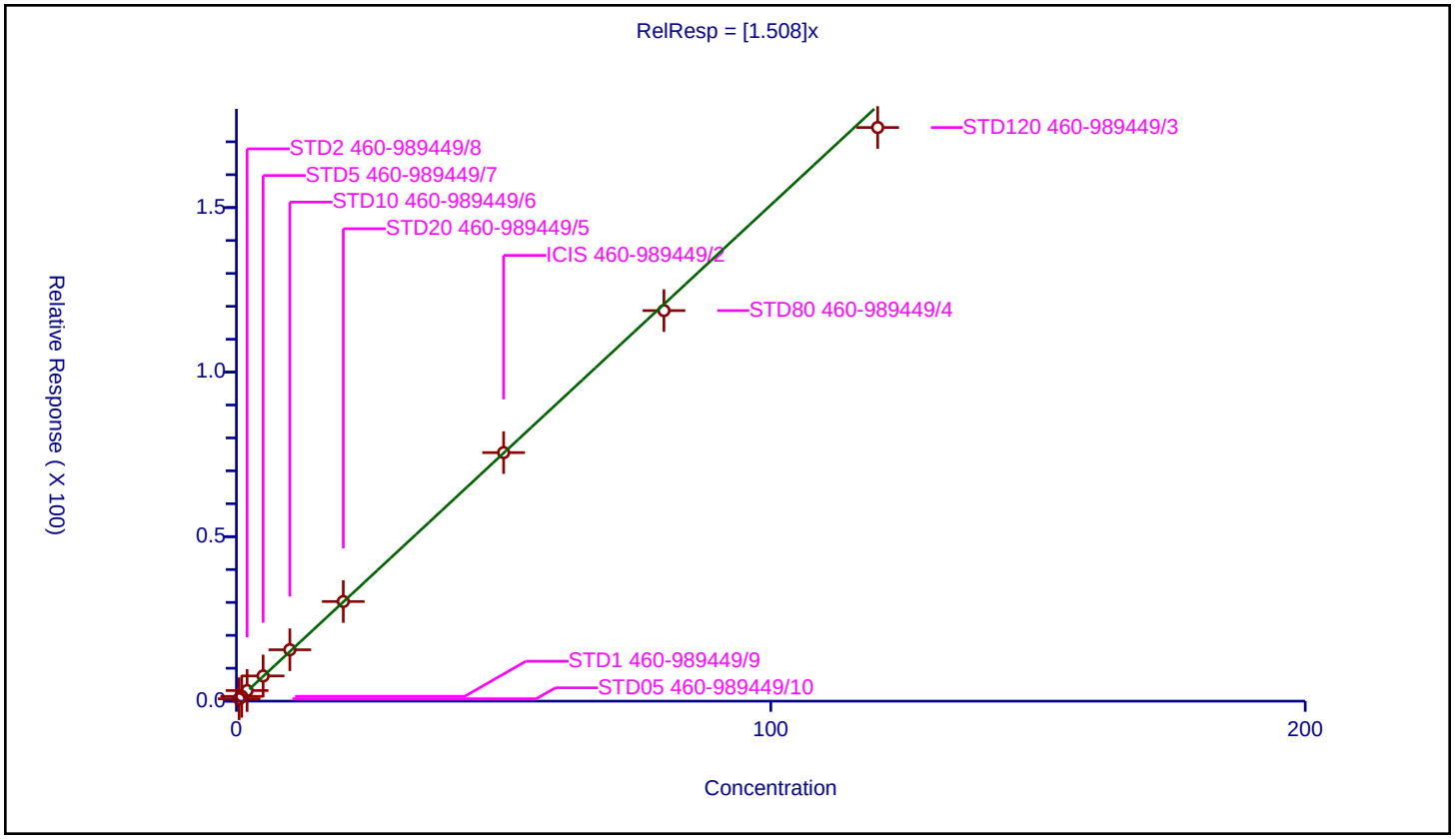
Curve Coefficients

Intercept:	0
Slope:	1.508

Error Coefficients

Relative Standard Deviation:	3.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-989449/10	0.5	0.72186	40.0	570249.0	1.44372	Y
2	STD1 460-989449/9	1.0	1.460999	40.0	600904.0	1.460999	Y
3	STD2 460-989449/8	2.0	3.223043	40.0	534104.0	1.611521	Y
4	STD5 460-989449/7	5.0	7.657974	40.0	602901.0	1.531595	Y
5	STD10 460-989449/6	10.0	15.616451	40.0	611427.0	1.561645	Y
6	STD20 460-989449/5	20.0	30.279253	40.0	540979.0	1.513963	Y
7	ICIS 460-989449/2	50.0	75.534194	40.0	618764.0	1.510684	Y
8	STD80 460-989449/4	80.0	118.6972	40.0	648112.0	1.483715	Y
9	STD120 460-989449/3	120.0	174.343009	40.0	636508.0	1.452858	Y



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Calibration / 1,1'-Biphenyl

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

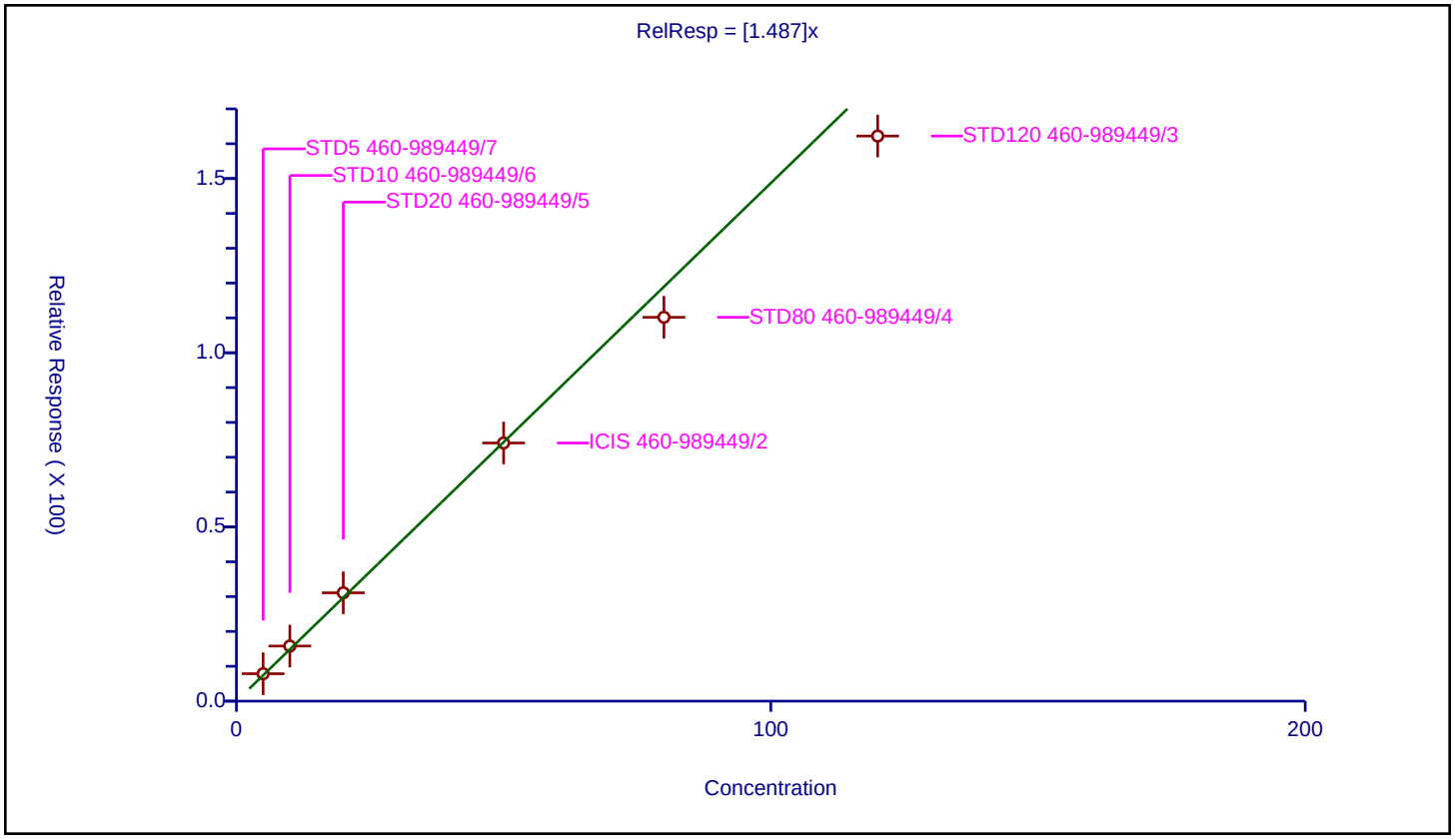
Curve Coefficients

Intercept:	0
Slope:	1.487

Error Coefficients

Relative Standard Deviation:	6.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-989449/7	5.0	7.870612	40.0	602901.0	1.574122	Y
2	STD10 460-989449/6	10.0	15.814938	40.0	611427.0	1.581494	Y
3	STD20 460-989449/5	20.0	31.09703	40.0	540979.0	1.554851	Y
4	ICIS 460-989449/2	50.0	74.10276	40.0	618764.0	1.482055	Y
5	STD80 460-989449/4	80.0	110.185832	40.0	648112.0	1.377323	Y
6	STD120 460-989449/3	120.0	162.20258	40.0	636508.0	1.351688	Y



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Calibration / 2-Chloronaphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

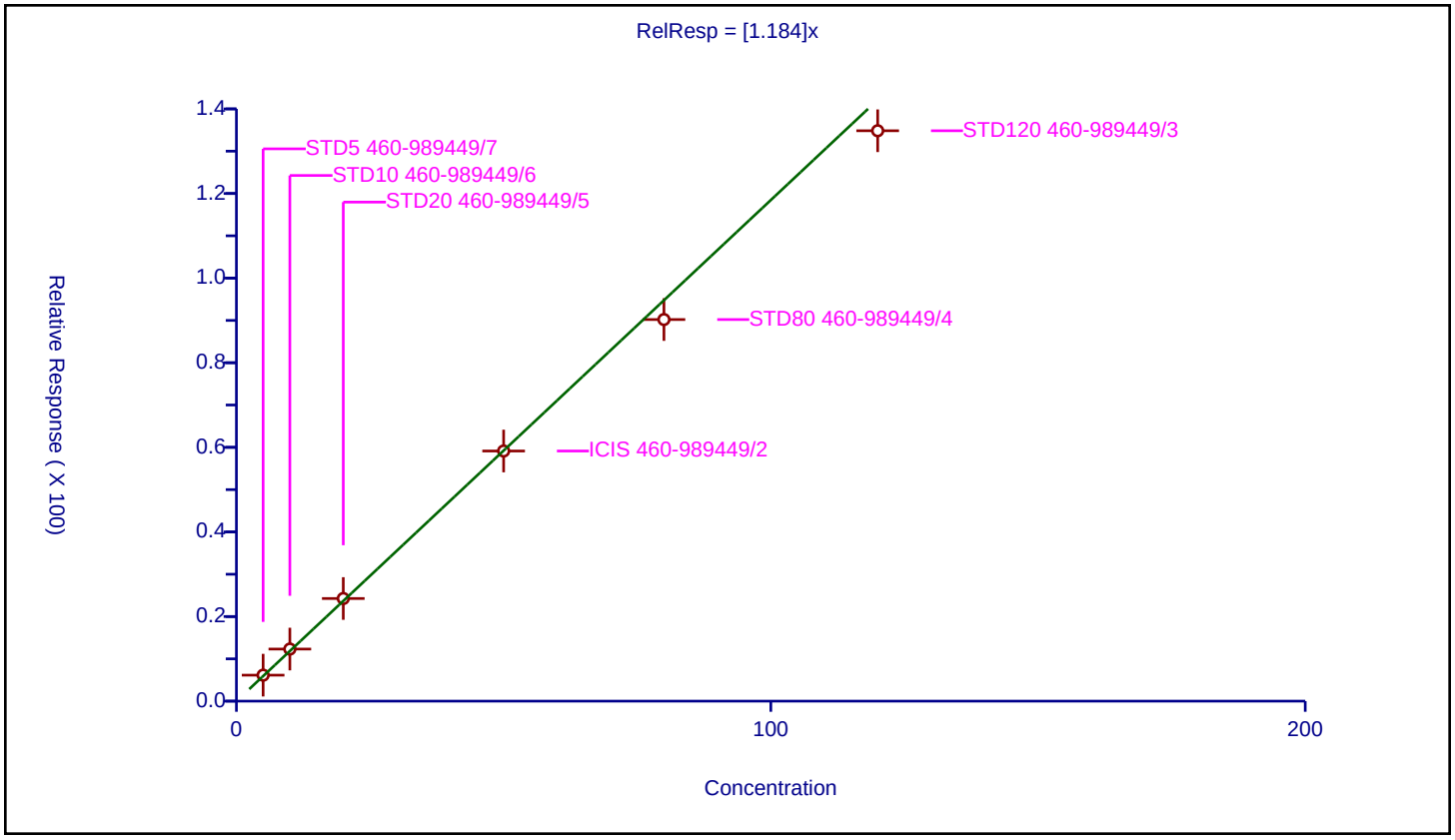
Curve Coefficients

Intercept:	0
Slope:	1.184

Error Coefficients

Relative Standard Deviation:	4.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-989449/7	5.0	6.142766	40.0	602901.0	1.228553	Y
2	STD10 460-989449/6	10.0	12.31205	40.0	611427.0	1.231205	Y
3	STD20 460-989449/5	20.0	24.264084	40.0	540979.0	1.213204	Y
4	ICIS 460-989449/2	50.0	59.12949	40.0	618764.0	1.18259	Y
5	STD80 460-989449/4	80.0	90.207125	40.0	648112.0	1.127589	Y
6	STD120 460-989449/3	120.0	134.831738	40.0	636508.0	1.123598	Y



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Calibration / Phenyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

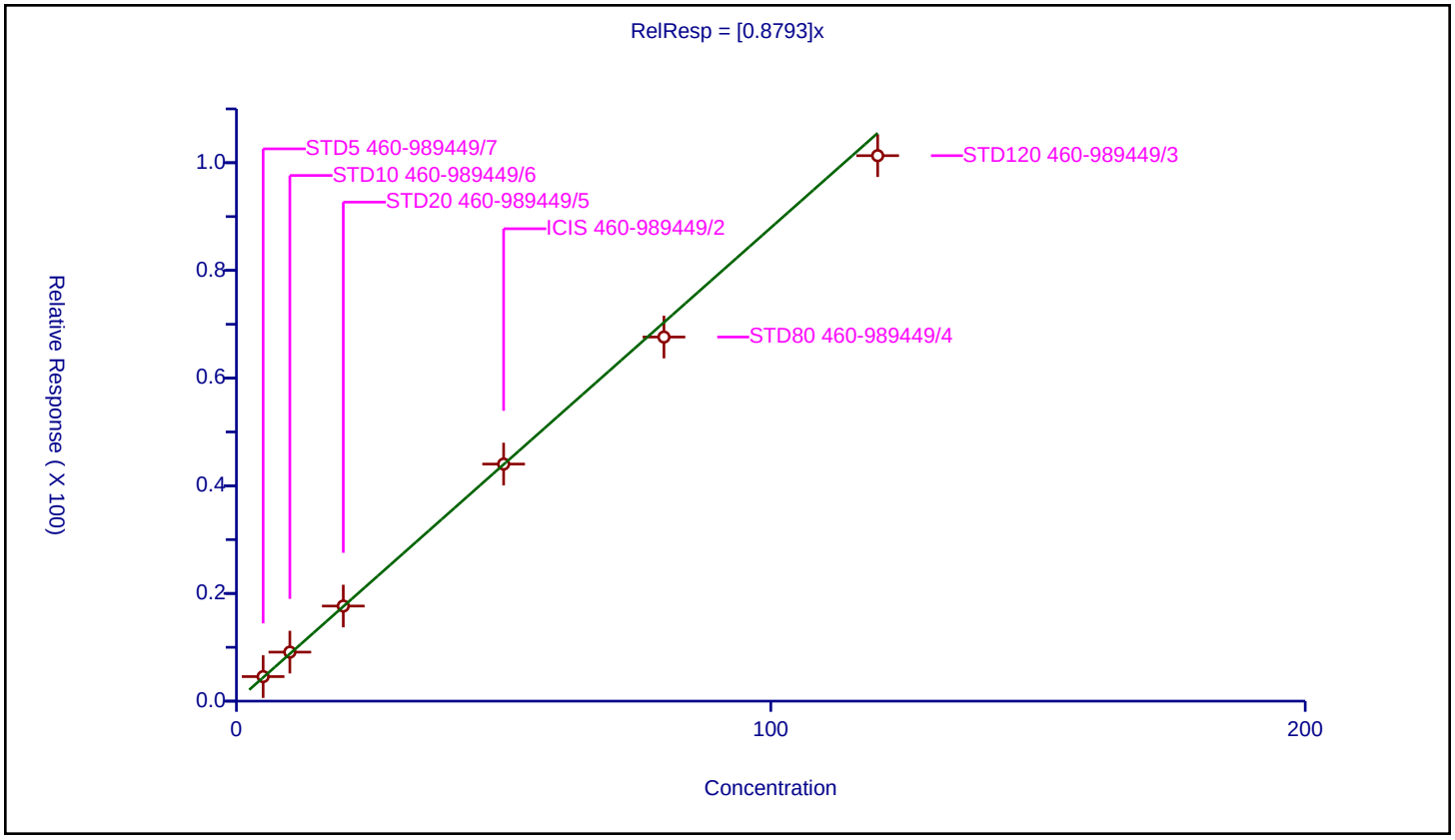
Curve Coefficients

Intercept:	0
Slope:	0.8793

Error Coefficients

Relative Standard Deviation:	3.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-989449/7	5.0	4.557232	40.0	602901.0	0.911446	Y
2	STD10 460-989449/6	10.0	9.106762	40.0	611427.0	0.910676	Y
3	STD20 460-989449/5	20.0	17.662571	40.0	540979.0	0.883129	Y
4	ICIS 460-989449/2	50.0	44.035529	40.0	618764.0	0.880711	Y
5	STD80 460-989449/4	80.0	67.624917	40.0	648112.0	0.845311	Y
6	STD120 460-989449/3	120.0	101.311782	40.0	636508.0	0.844265	Y



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Calibration / 2-Nitroaniline

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

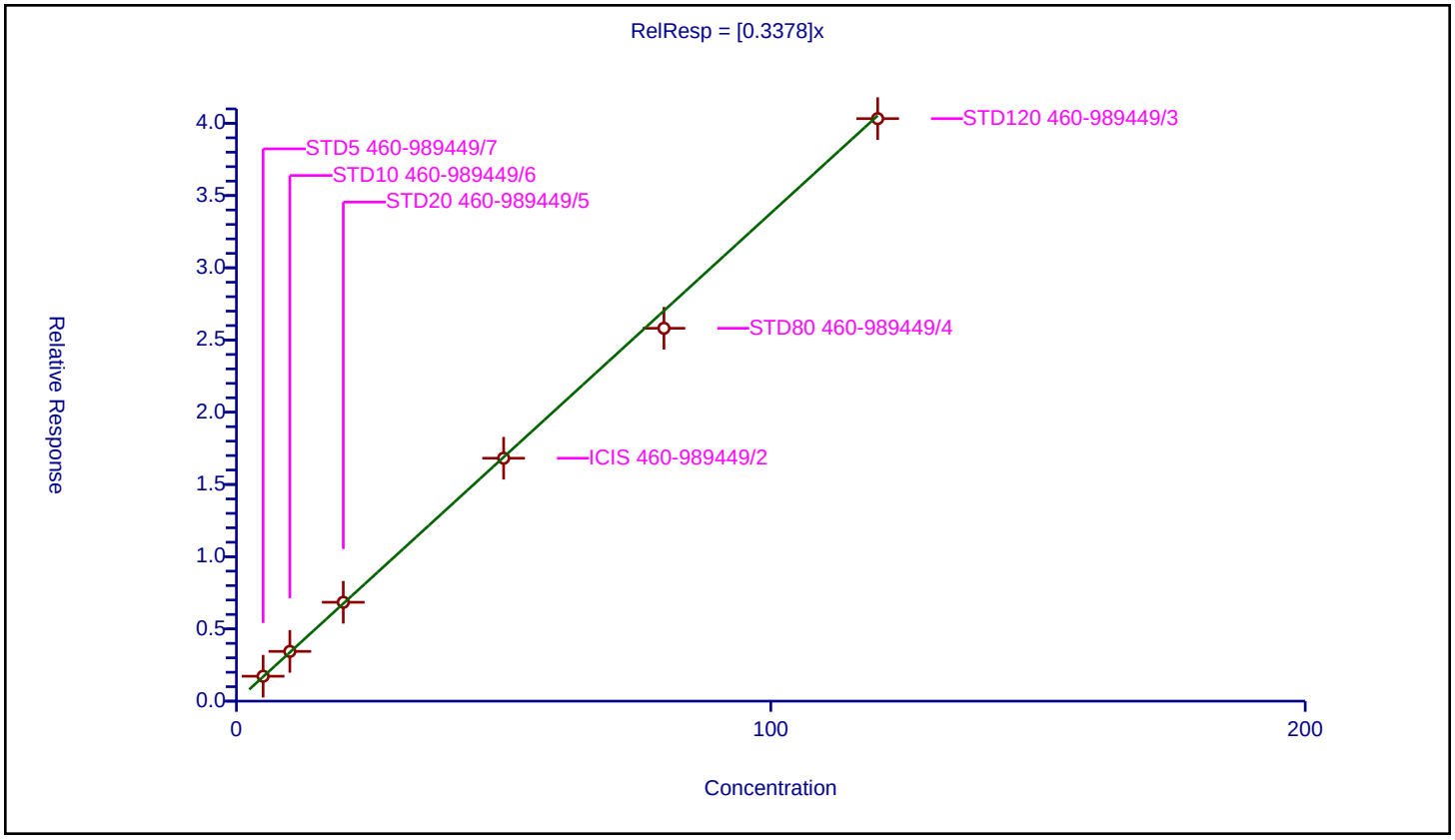
Curve Coefficients

Intercept:	0
Slope:	0.3378

Error Coefficients

Relative Standard Deviation:	2.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-989449/7	5.0	1.725325	40.0	602901.0	0.345065	Y
2	STD10 460-989449/6	10.0	3.444074	40.0	611427.0	0.344407	Y
3	STD20 460-989449/5	20.0	6.84448	40.0	540979.0	0.342224	Y
4	ICIS 460-989449/2	50.0	16.816751	40.0	618764.0	0.336335	Y
5	STD80 460-989449/4	80.0	25.813378	40.0	648112.0	0.322667	Y
6	STD120 460-989449/3	120.0	40.325652	40.0	636508.0	0.336047	Y



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Calibration / 1,3-Dimethylnaphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

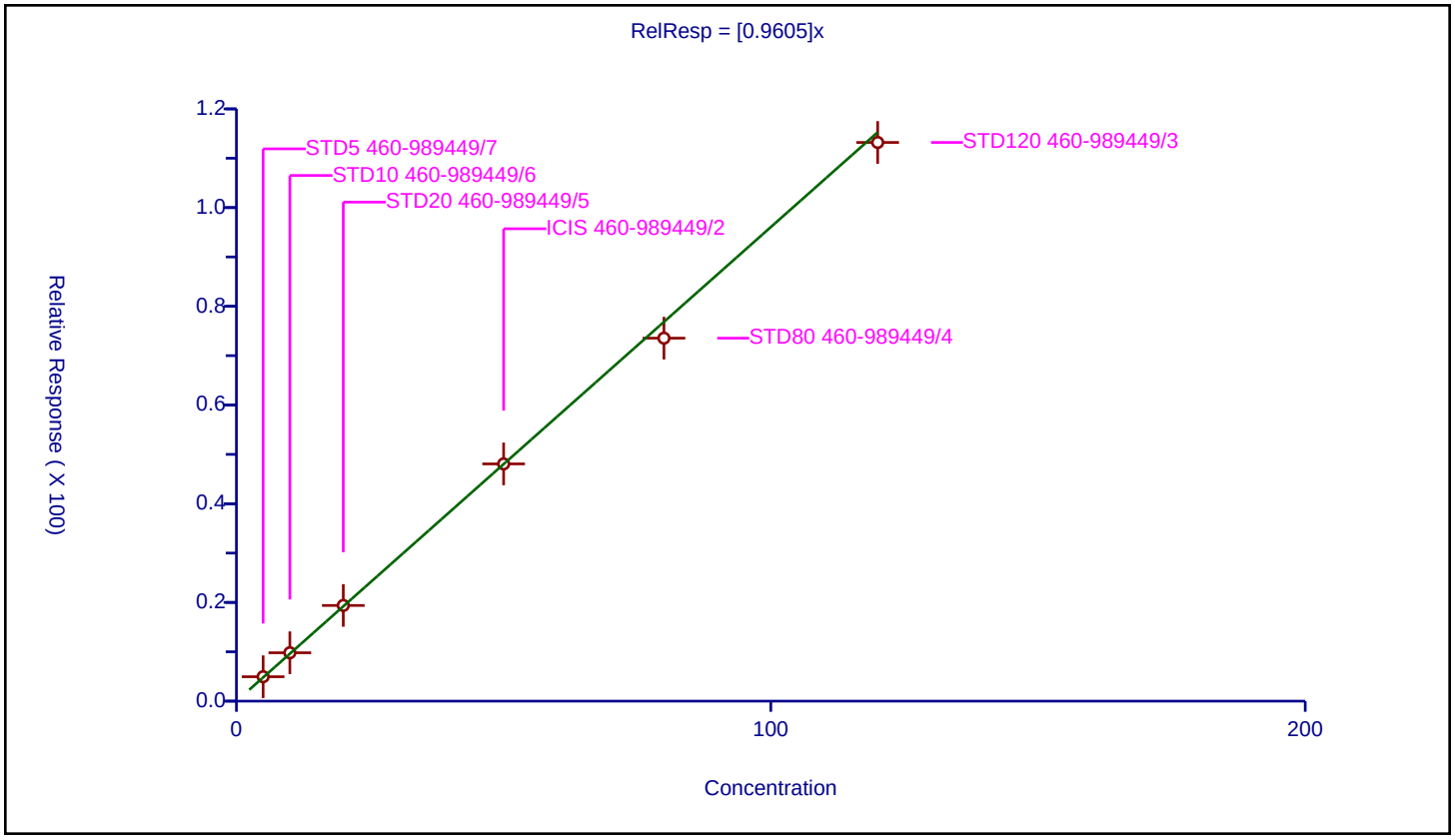
Curve Coefficients

Intercept:	0
Slope:	0.9605

Error Coefficients

Relative Standard Deviation:	2.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-989449/7	5.0	4.947015	40.0	602901.0	0.989403	Y
2	STD10 460-989449/6	10.0	9.802511	40.0	611427.0	0.980251	Y
3	STD20 460-989449/5	20.0	19.388331	40.0	540979.0	0.969417	Y
4	ICIS 460-989449/2	50.0	48.071575	40.0	618764.0	0.961431	Y
5	STD80 460-989449/4	80.0	73.548955	40.0	648112.0	0.919362	Y
6	STD120 460-989449/3	120.0	113.198326	40.0	636508.0	0.943319	Y



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Calibration / Coumarin

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

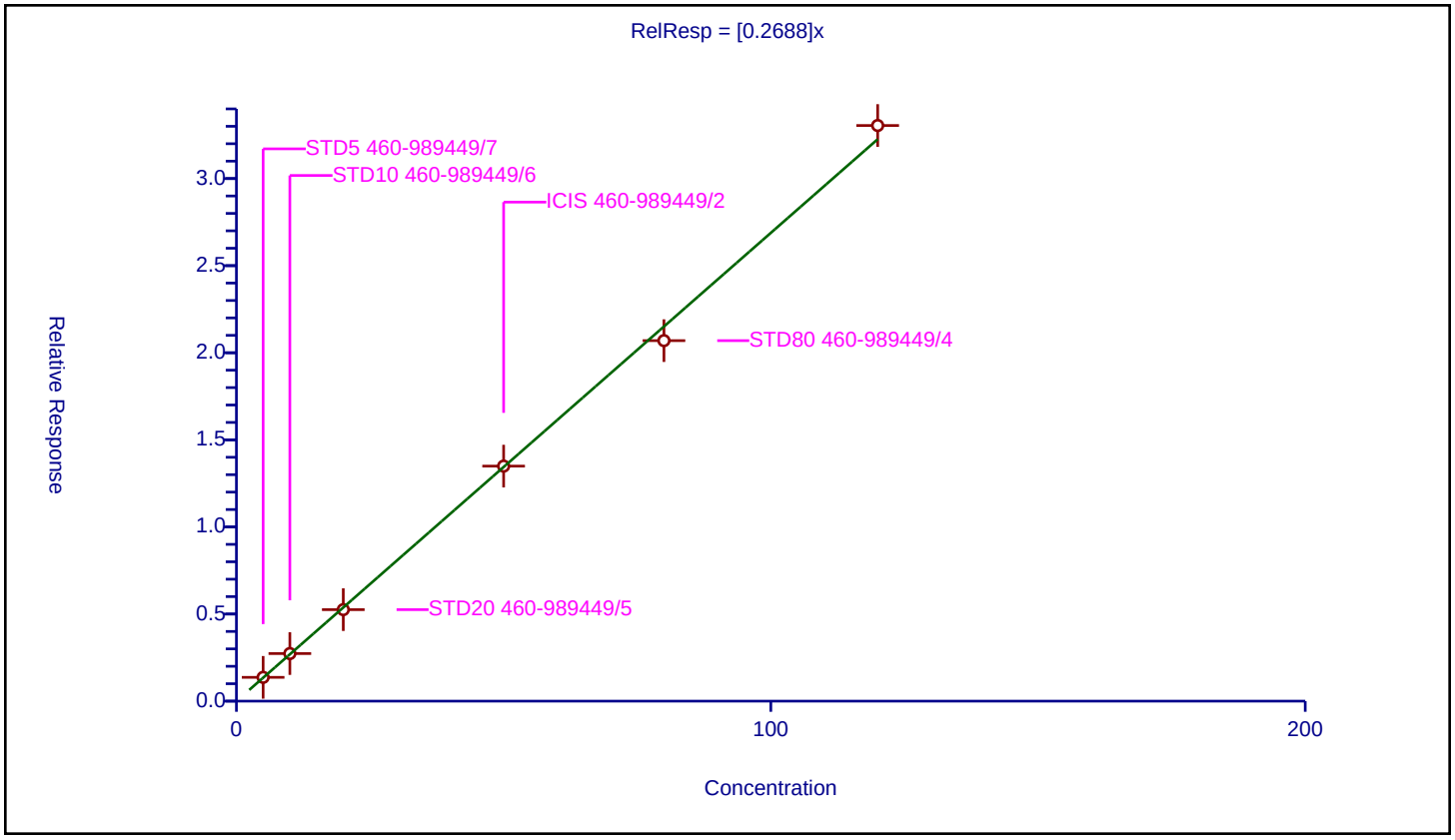
Curve Coefficients

Intercept:	0
Slope:	0.2688

Error Coefficients

Relative Standard Deviation:	2.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-989449/7	5.0	1.36554	40.0	1064370.0	0.273108	Y
2	STD10 460-989449/6	10.0	2.732024	40.0	1089771.0	0.273202	Y
3	STD20 460-989449/5	20.0	5.253642	40.0	957393.0	0.262682	Y
4	ICIS 460-989449/2	50.0	13.49211	40.0	1078159.0	0.269842	Y
5	STD80 460-989449/4	80.0	20.695612	40.0	1153833.0	0.258695	Y
6	STD120 460-989449/3	120.0	33.045431	40.0	1129433.0	0.275379	Y



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Calibration / Dimethyl phthalate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

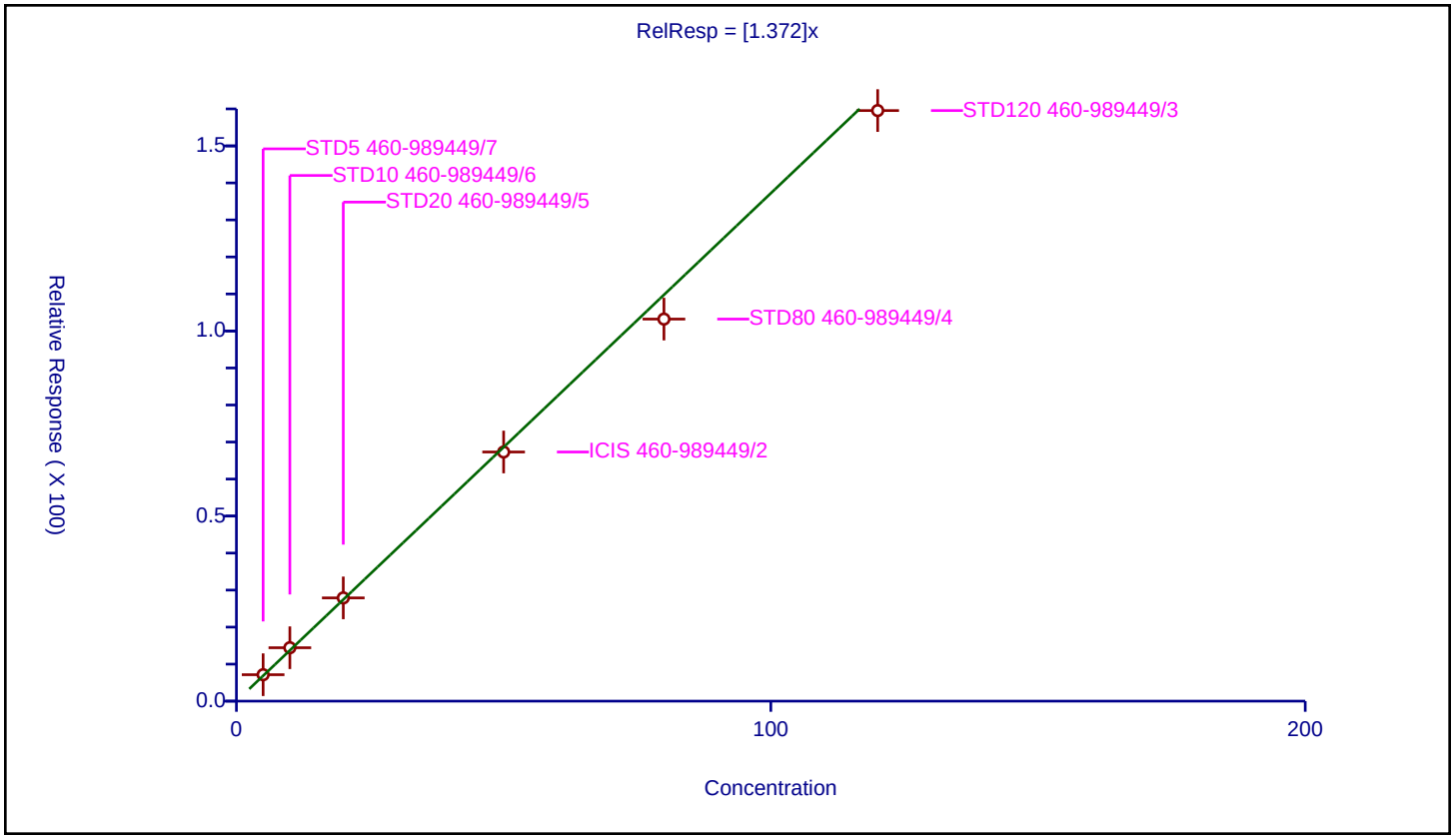
Curve Coefficients

Intercept:	0
Slope:	1.372

Error Coefficients

Relative Standard Deviation:	4.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-989449/7	5.0	7.140874	40.0	602901.0	1.428175	Y
2	STD10 460-989449/6	10.0	14.433775	40.0	611427.0	1.443378	Y
3	STD20 460-989449/5	20.0	27.895648	40.0	540979.0	1.394782	Y
4	ICIS 460-989449/2	50.0	67.307924	40.0	618764.0	1.346158	Y
5	STD80 460-989449/4	80.0	103.210803	40.0	648112.0	1.290135	Y
6	STD120 460-989449/3	120.0	159.545269	40.0	636508.0	1.329544	Y



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Calibration / 2,6-Dinitrotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

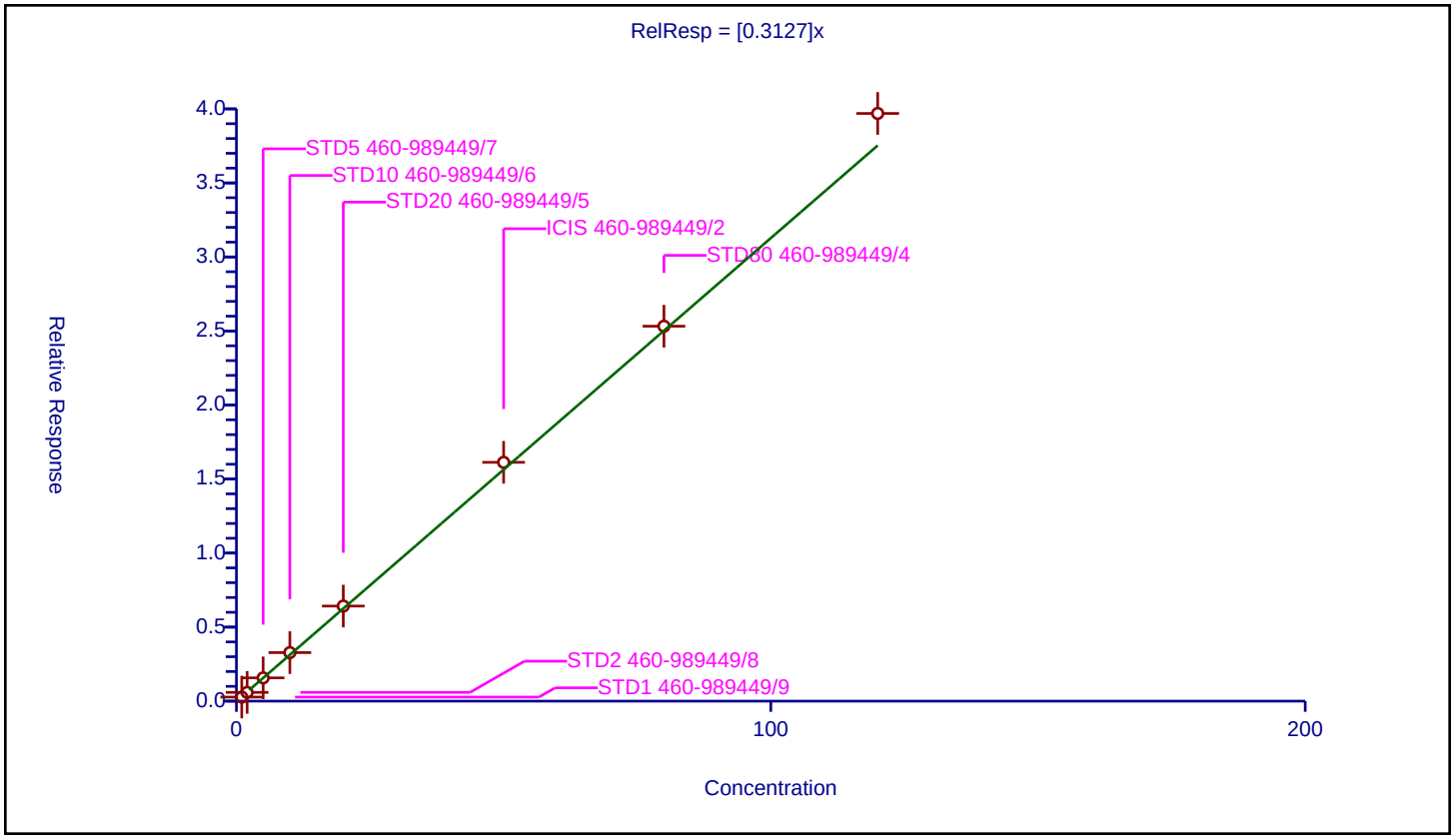
Curve Coefficients

Intercept:	0
Slope:	0.3127

Error Coefficients

Relative Standard Deviation:	6.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-989449/9	1.0	0.273721	40.0	600904.0	0.273721	Y
2	STD2 460-989449/8	2.0	0.590447	40.0	534104.0	0.295223	Y
3	STD5 460-989449/7	5.0	1.570473	40.0	602901.0	0.314095	Y
4	STD10 460-989449/6	10.0	3.279149	40.0	611427.0	0.327915	Y
5	STD20 460-989449/5	20.0	6.4211	40.0	540979.0	0.321055	Y
6	ICIS 460-989449/2	50.0	16.130027	40.0	618764.0	0.322601	Y
7	STD80 460-989449/4	80.0	25.322352	40.0	648112.0	0.316529	Y
8	STD120 460-989449/3	120.0	39.691818	40.0	636508.0	0.330765	Y



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Calibration / Acenaphthylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

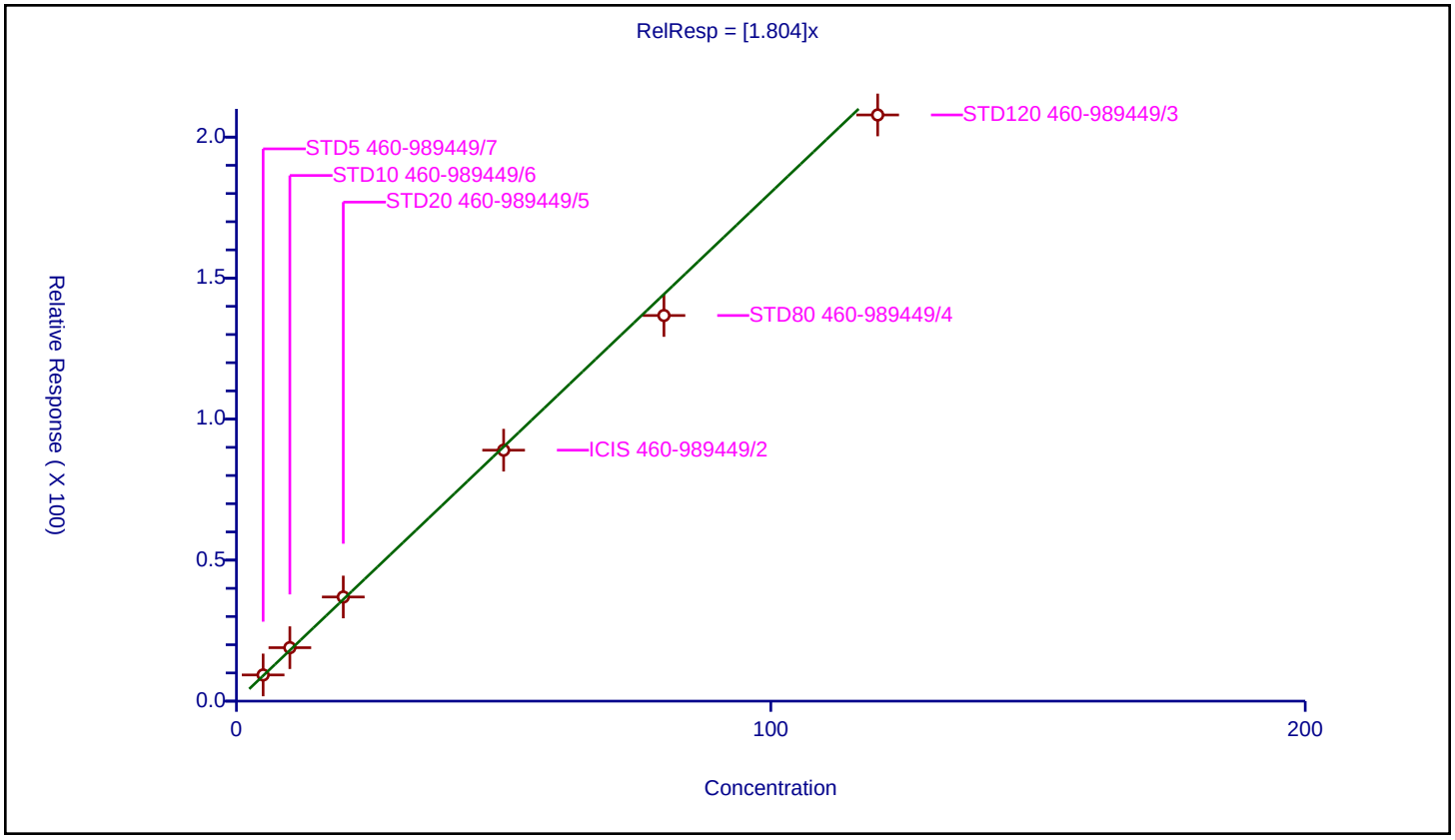
Curve Coefficients

Intercept:	0
Slope:	1.804

Error Coefficients

Relative Standard Deviation:	4.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-989449/7	5.0	9.290879	40.0	602901.0	1.858176	Y
2	STD10 460-989449/6	10.0	18.960366	40.0	611427.0	1.896037	Y
3	STD20 460-989449/5	20.0	36.927866	40.0	540979.0	1.846393	Y
4	ICIS 460-989449/2	50.0	88.98475	40.0	618764.0	1.779695	Y
5	STD80 460-989449/4	80.0	136.738959	40.0	648112.0	1.709237	Y
6	STD120 460-989449/3	120.0	207.851967	40.0	636508.0	1.7321	Y



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Calibration / 3-Nitroaniline

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

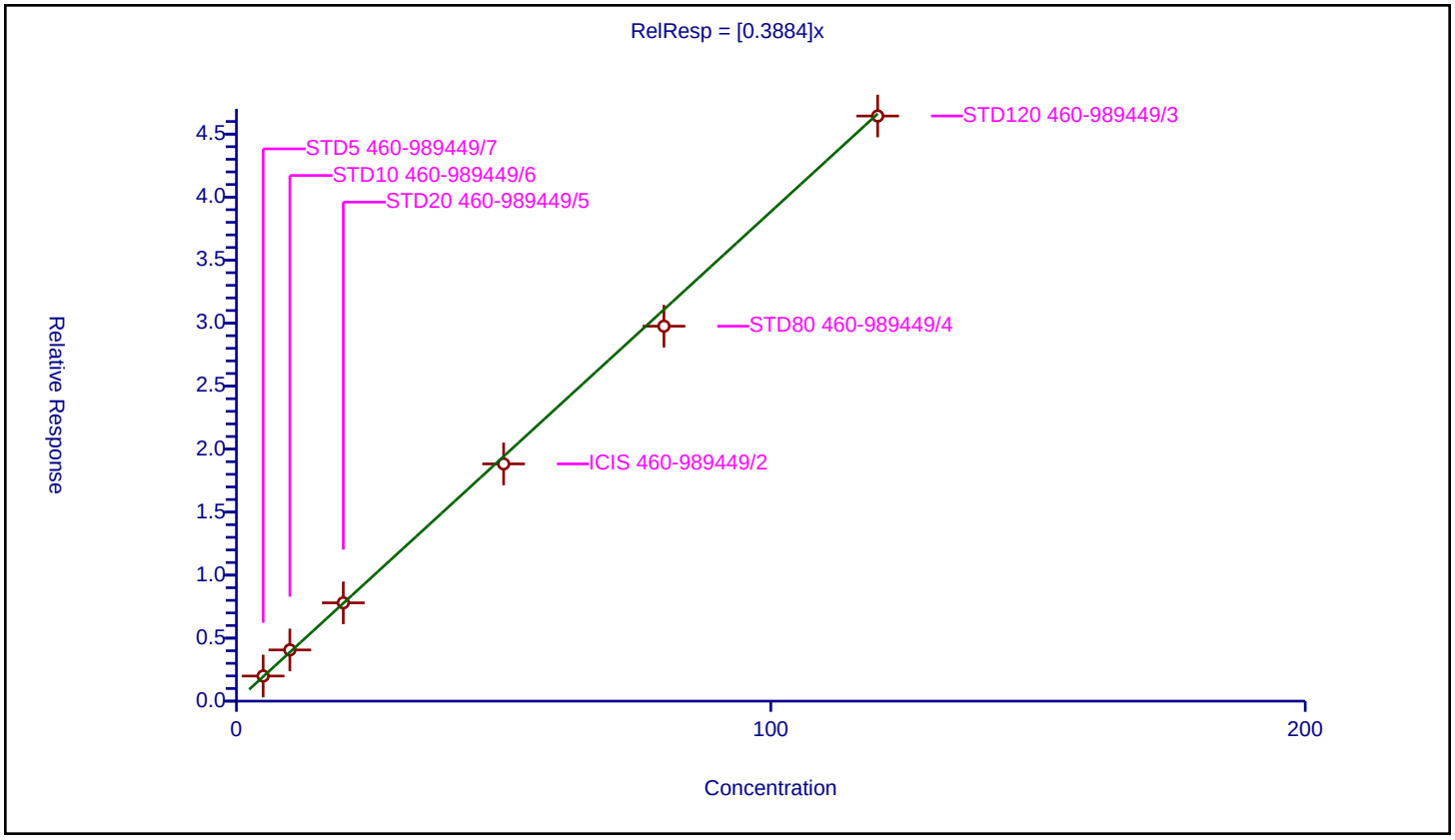
Curve Coefficients

Intercept:	0
Slope:	0.3884

Error Coefficients

Relative Standard Deviation:	3.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-989449/7	5.0	1.993694	40.0	602901.0	0.398739	Y
2	STD10 460-989449/6	10.0	4.062431	40.0	611427.0	0.406243	Y
3	STD20 460-989449/5	20.0	7.801929	40.0	540979.0	0.390096	Y
4	ICIS 460-989449/2	50.0	18.826693	40.0	618764.0	0.376534	Y
5	STD80 460-989449/4	80.0	29.756585	40.0	648112.0	0.371957	Y
6	STD120 460-989449/3	120.0	46.436683	40.0	636508.0	0.386972	Y



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Calibration / Acenaphthene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

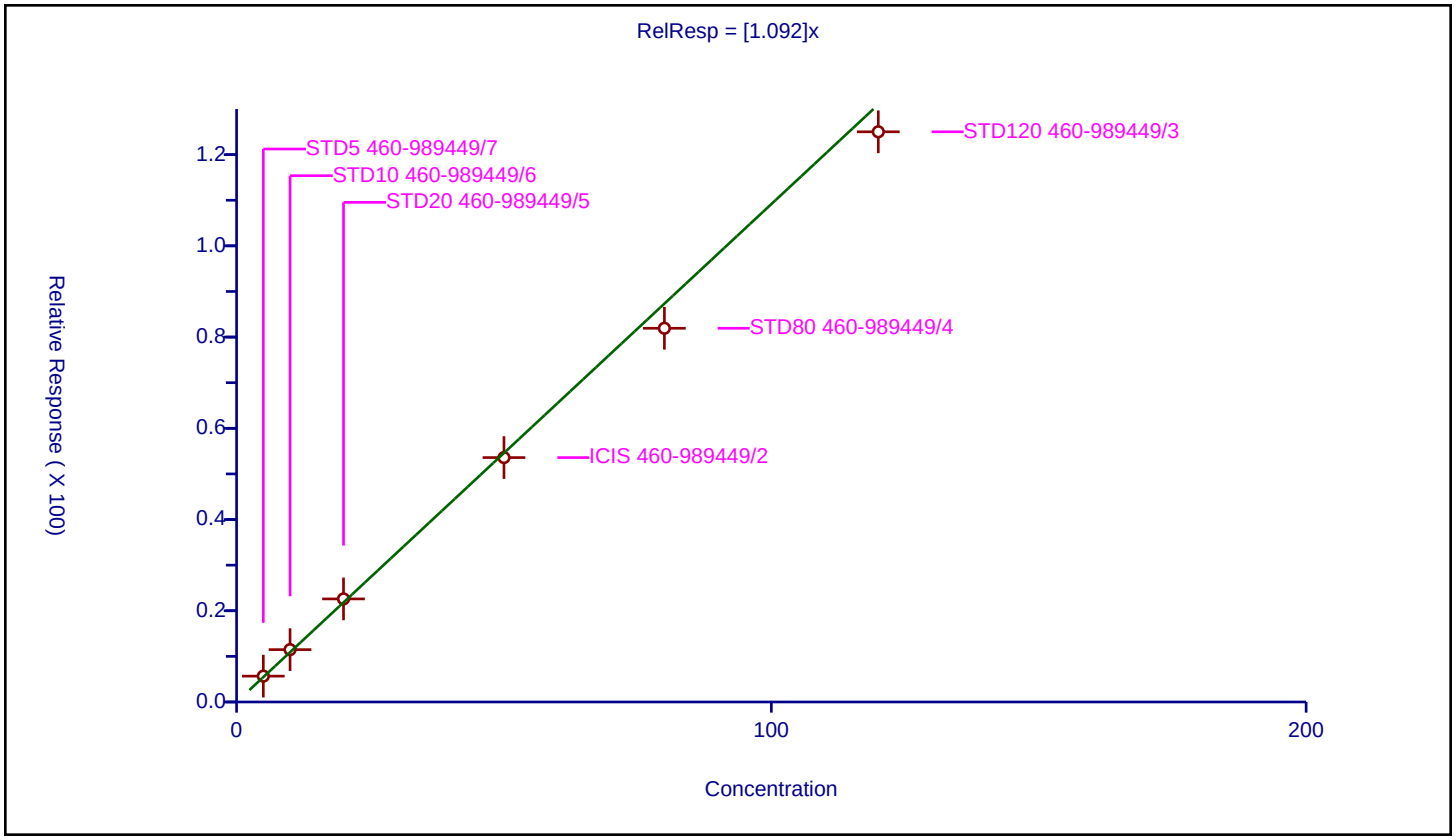
Curve Coefficients

Intercept:	0
Slope:	1.092

Error Coefficients

Relative Standard Deviation:	4.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-989449/7	5.0	5.669455	40.0	602901.0	1.133891	Y
2	STD10 460-989449/6	10.0	11.48016	40.0	611427.0	1.148016	Y
3	STD20 460-989449/5	20.0	22.598733	40.0	540979.0	1.129937	Y
4	ICIS 460-989449/2	50.0	53.58198	40.0	618764.0	1.07164	Y
5	STD80 460-989449/4	80.0	81.930901	40.0	648112.0	1.024136	Y
6	STD120 460-989449/3	120.0	125.005499	40.0	636508.0	1.041712	Y



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Calibration / 3,5-di-tert-butyl-4-hydroxytol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

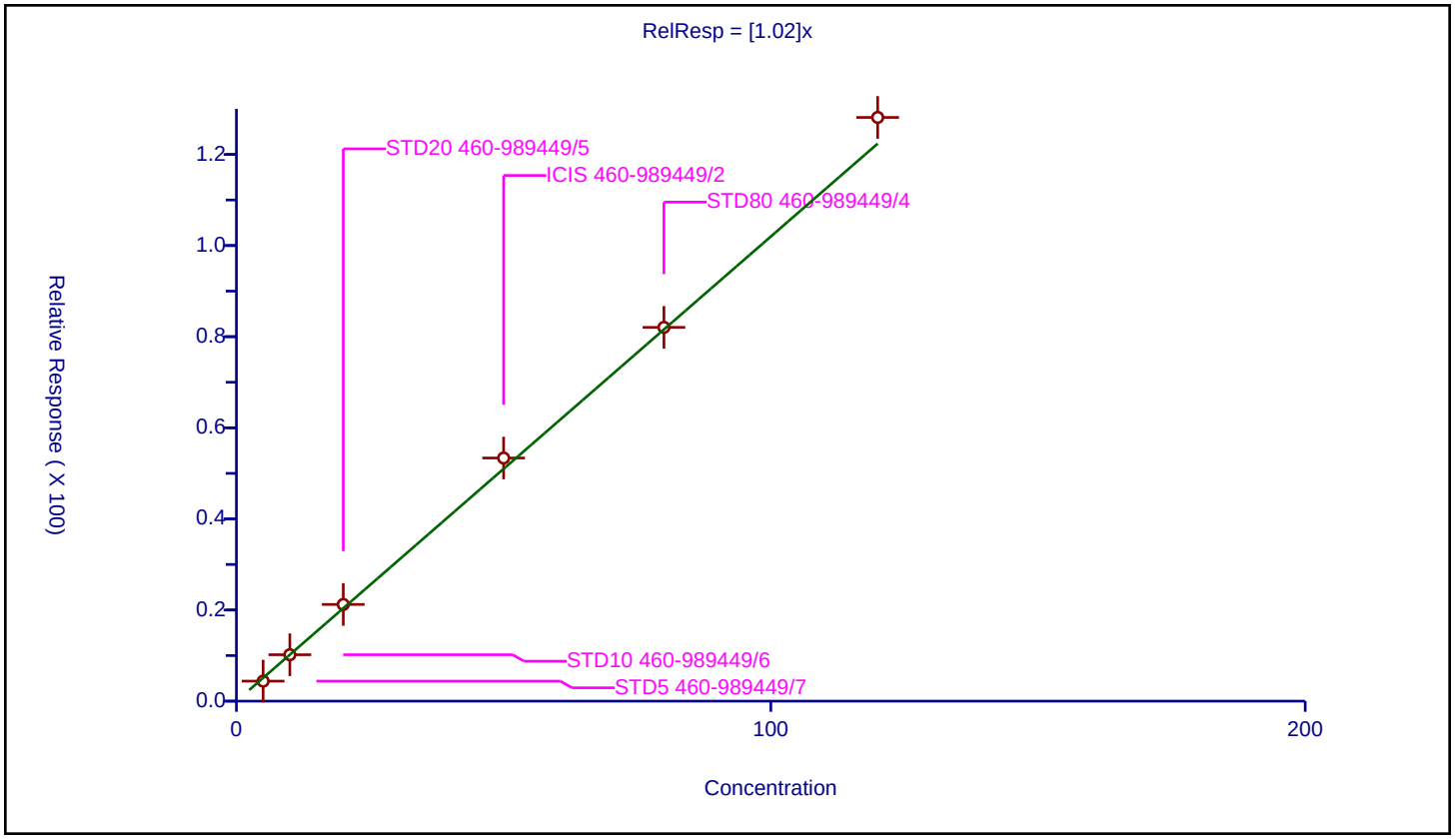
Curve Coefficients

Intercept:	0
Slope:	1.02

Error Coefficients

Relative Standard Deviation:	7.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-989449/7	5.0	4.39296	40.0	602901.0	0.878592	Y
2	STD10 460-989449/6	10.0	10.185746	40.0	611427.0	1.018575	Y
3	STD20 460-989449/5	20.0	21.22367	40.0	540979.0	1.061184	Y
4	ICIS 460-989449/2	50.0	53.365419	40.0	618764.0	1.067308	Y
5	STD80 460-989449/4	80.0	82.041437	40.0	648112.0	1.025518	Y
6	STD120 460-989449/3	120.0	128.12282	40.0	636508.0	1.06769	Y



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Calibration / 2,4-Dinitrophenol

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

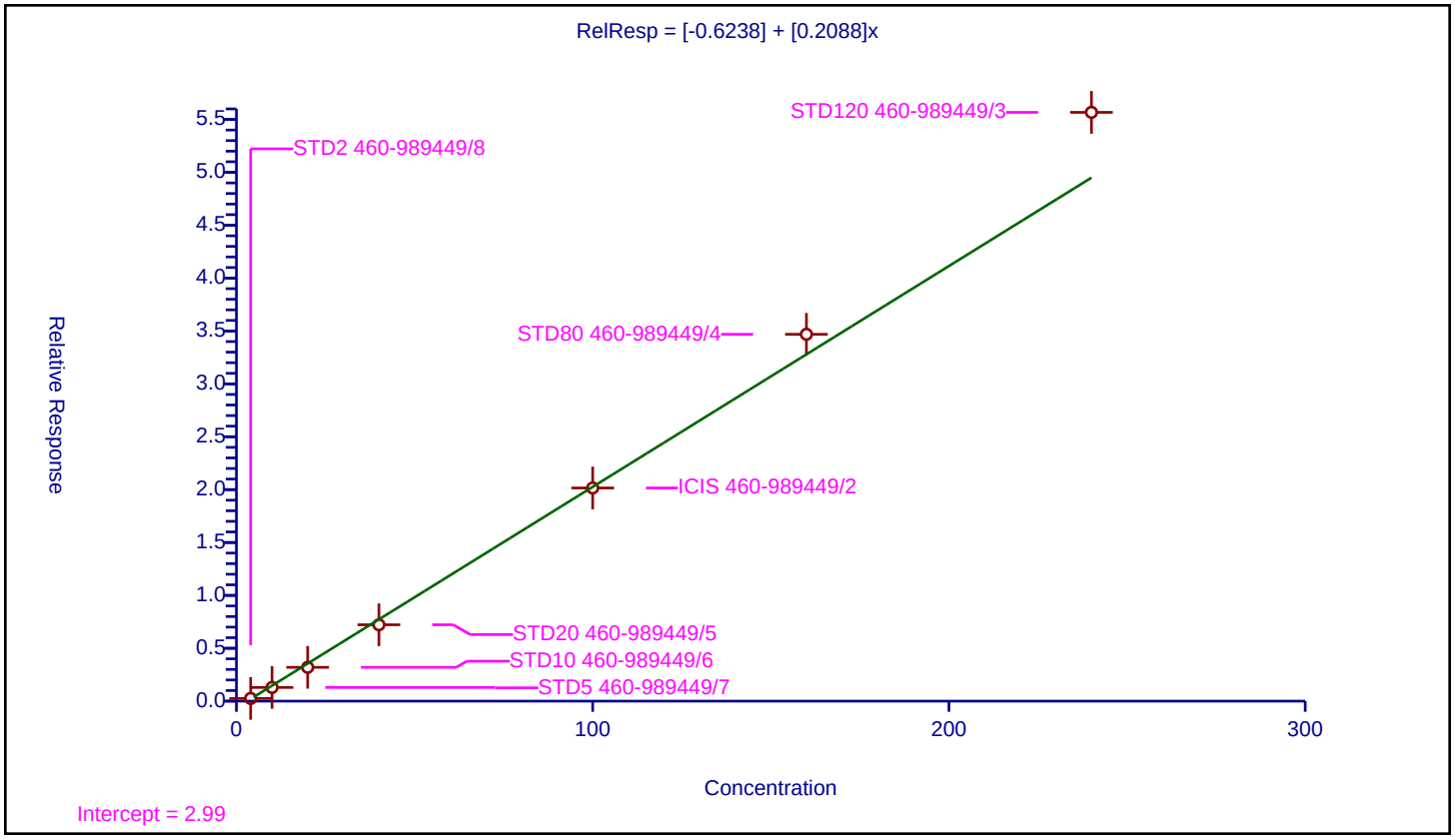
Curve Coefficients

Intercept:	-0.6238
Slope:	0.2088

Error Coefficients

Relative Standard Deviation:	8.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD2 460-989449/8	4.0	0.255306	40.0	534104.0	0.063827	Y
2	STD5 460-989449/7	10.0	1.294408	40.0	602901.0	0.129441	Y
3	STD10 460-989449/6	20.0	3.197176	40.0	611427.0	0.159859	Y
4	STD20 460-989449/5	40.0	7.220687	40.0	540979.0	0.180517	Y
5	ICIS 460-989449/2	100.0	20.154954	40.0	618764.0	0.20155	Y
6	STD80 460-989449/4	160.0	34.686165	40.0	648112.0	0.216789	Y
7	STD120 460-989449/3	240.0	55.673142	40.0	636508.0	0.231971	Y



Calibration / 4-Nitrophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

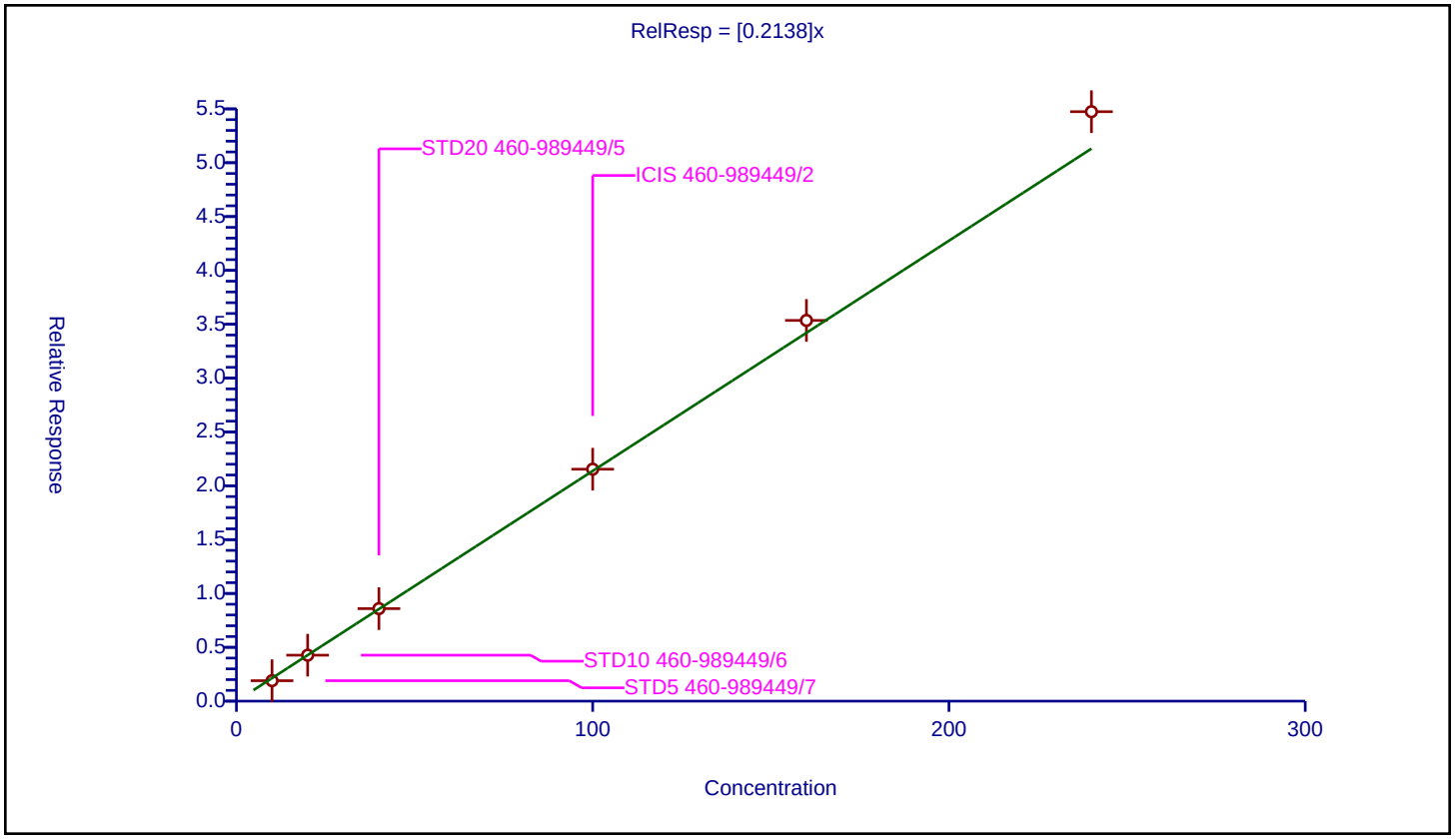
Curve Coefficients

Intercept:	0
Slope:	0.2138

Error Coefficients

Relative Standard Deviation:	6.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-989449/7	10.0	1.899549	40.0	602901.0	0.189955	Y
2	STD10 460-989449/6	20.0	4.268506	40.0	611427.0	0.213425	Y
3	STD20 460-989449/5	40.0	8.592348	40.0	540979.0	0.214809	Y
4	ICIS 460-989449/2	100.0	21.54062	40.0	618764.0	0.215406	Y
5	STD80 460-989449/4	160.0	35.355556	40.0	648112.0	0.220972	Y
6	STD120 460-989449/3	240.0	54.740427	40.0	636508.0	0.228085	Y



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Calibration / Dibenzofuran

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

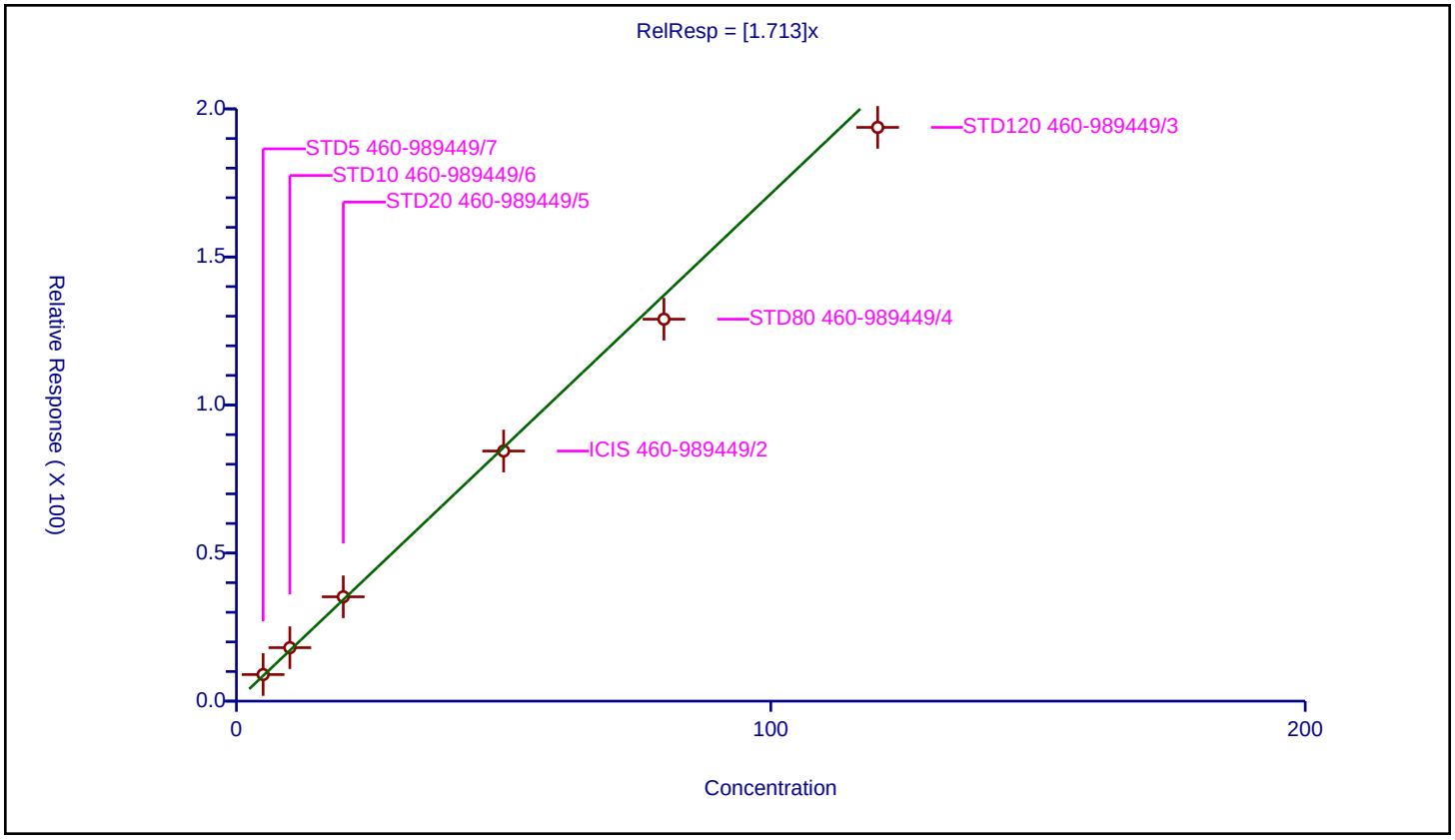
Curve Coefficients

Intercept:	0
Slope:	1.713

Error Coefficients

Relative Standard Deviation:	5.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-989449/7	5.0	8.977726	40.0	602901.0	1.795545	Y
2	STD10 460-989449/6	10.0	18.056252	40.0	611427.0	1.805625	Y
3	STD20 460-989449/5	20.0	35.231904	40.0	540979.0	1.761595	Y
4	ICIS 460-989449/2	50.0	84.462768	40.0	618764.0	1.689255	Y
5	STD80 460-989449/4	80.0	128.986595	40.0	648112.0	1.612332	Y
6	STD120 460-989449/3	120.0	193.756119	40.0	636508.0	1.614634	Y



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Calibration / 2,4-Dinitrotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

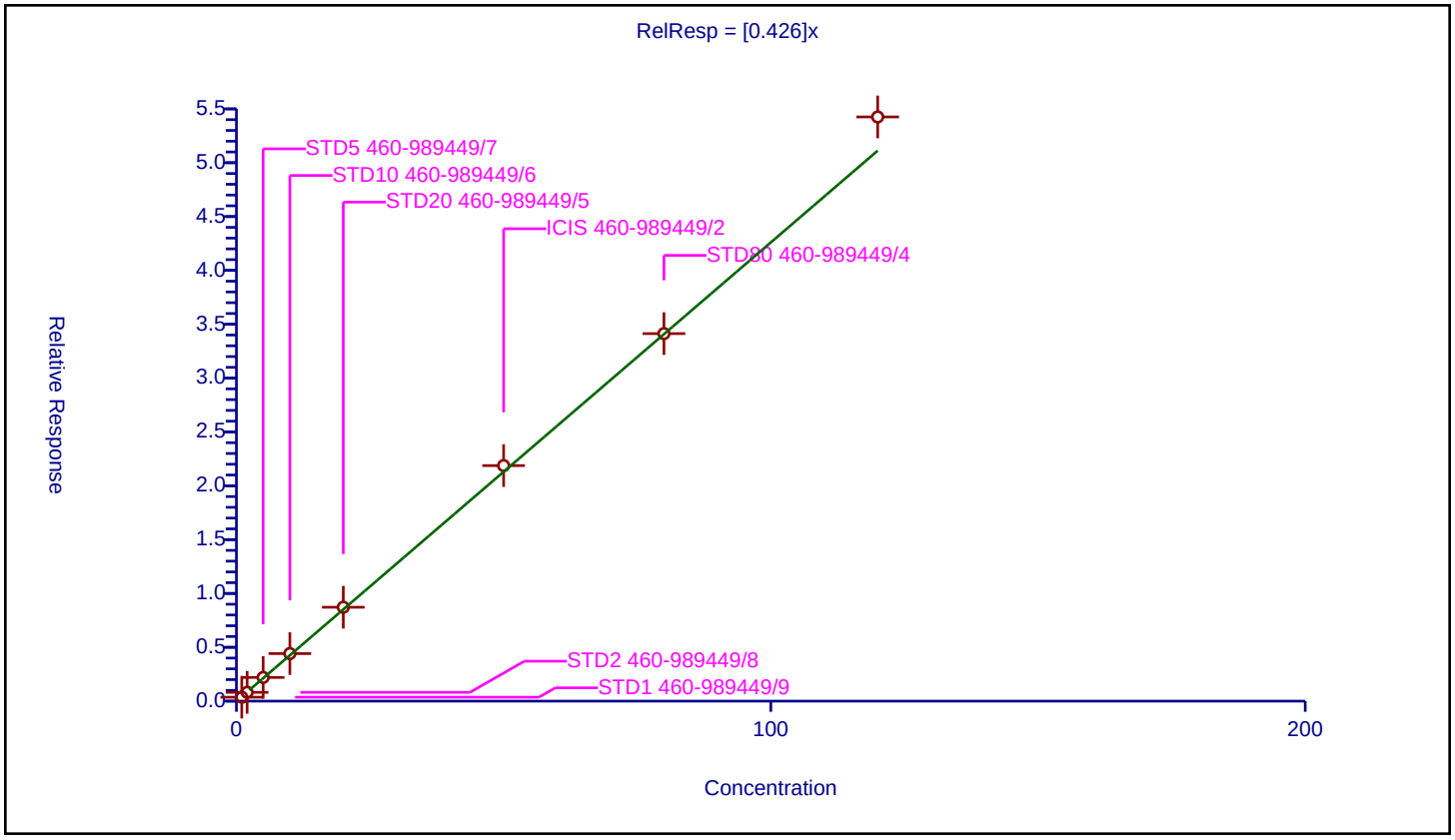
Curve Coefficients

Intercept:	0
Slope:	0.426

Error Coefficients

Relative Standard Deviation:	6.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-989449/9	1.0	0.365583	40.0	600904.0	0.365583	Y
2	STD2 460-989449/8	2.0	0.817294	40.0	534104.0	0.408647	Y
3	STD5 460-989449/7	5.0	2.199499	40.0	602901.0	0.4399	Y
4	STD10 460-989449/6	10.0	4.415049	40.0	611427.0	0.441505	Y
5	STD20 460-989449/5	20.0	8.721078	40.0	540979.0	0.436054	Y
6	ICIS 460-989449/2	50.0	21.874511	40.0	618764.0	0.43749	Y
7	STD80 460-989449/4	80.0	34.13157	40.0	648112.0	0.426645	Y
8	STD120 460-989449/3	120.0	54.251887	40.0	636508.0	0.452099	Y



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Calibration / 2,3,4,6-Tetrachlorophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

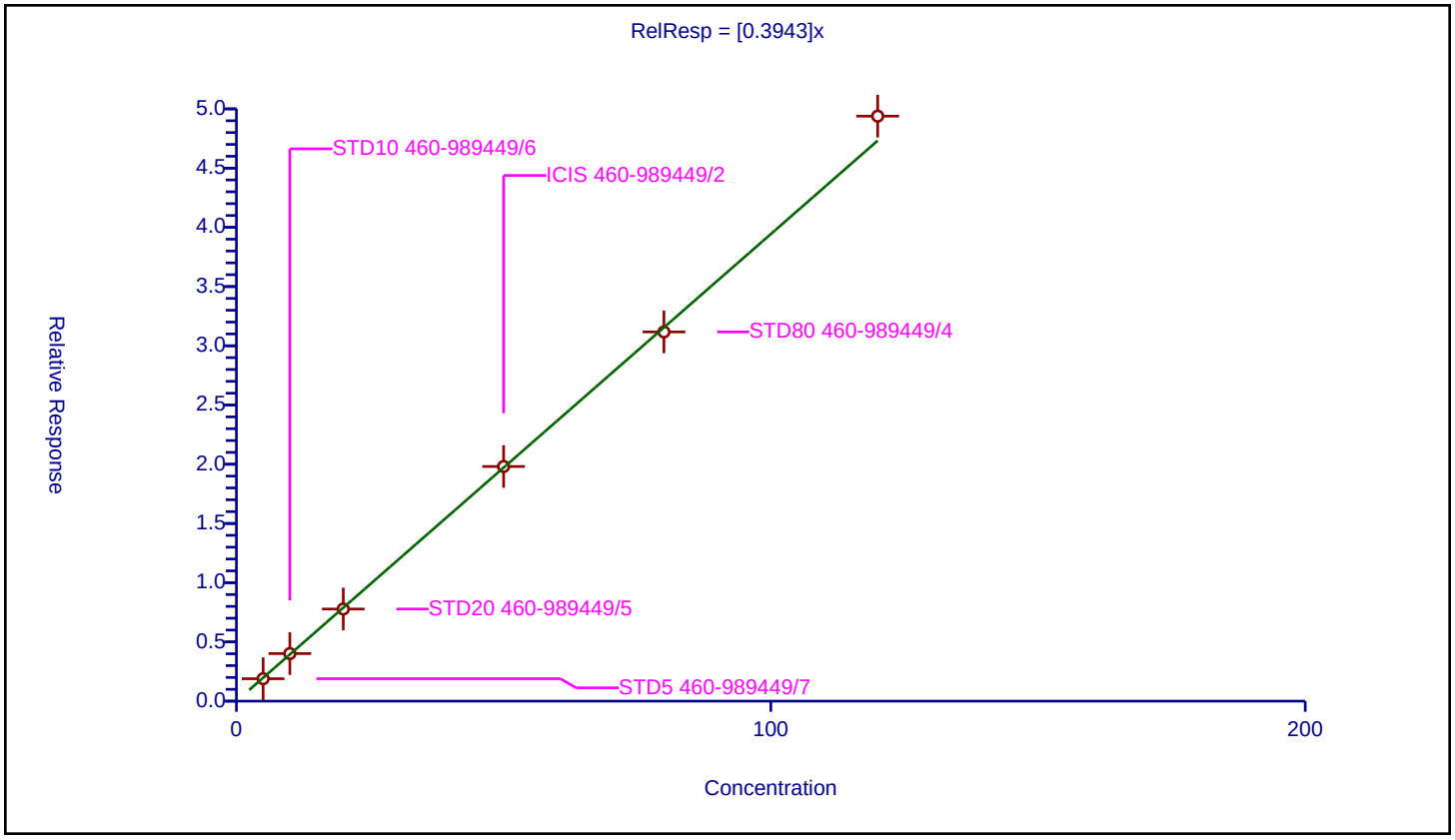
Curve Coefficients

Intercept:	0
Slope:	0.3943

Error Coefficients

Relative Standard Deviation:	2.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-989449/7	5.0	1.891123	40.0	602901.0	0.378225	Y
2	STD10 460-989449/6	10.0	4.015132	40.0	611427.0	0.401513	Y
3	STD20 460-989449/5	20.0	7.776272	40.0	540979.0	0.388814	Y
4	ICIS 460-989449/2	50.0	19.808586	40.0	618764.0	0.396172	Y
5	STD80 460-989449/4	80.0	31.173069	40.0	648112.0	0.389663	Y
6	STD120 460-989449/3	120.0	49.385082	40.0	636508.0	0.411542	Y



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Calibration / Diethyl phthalate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

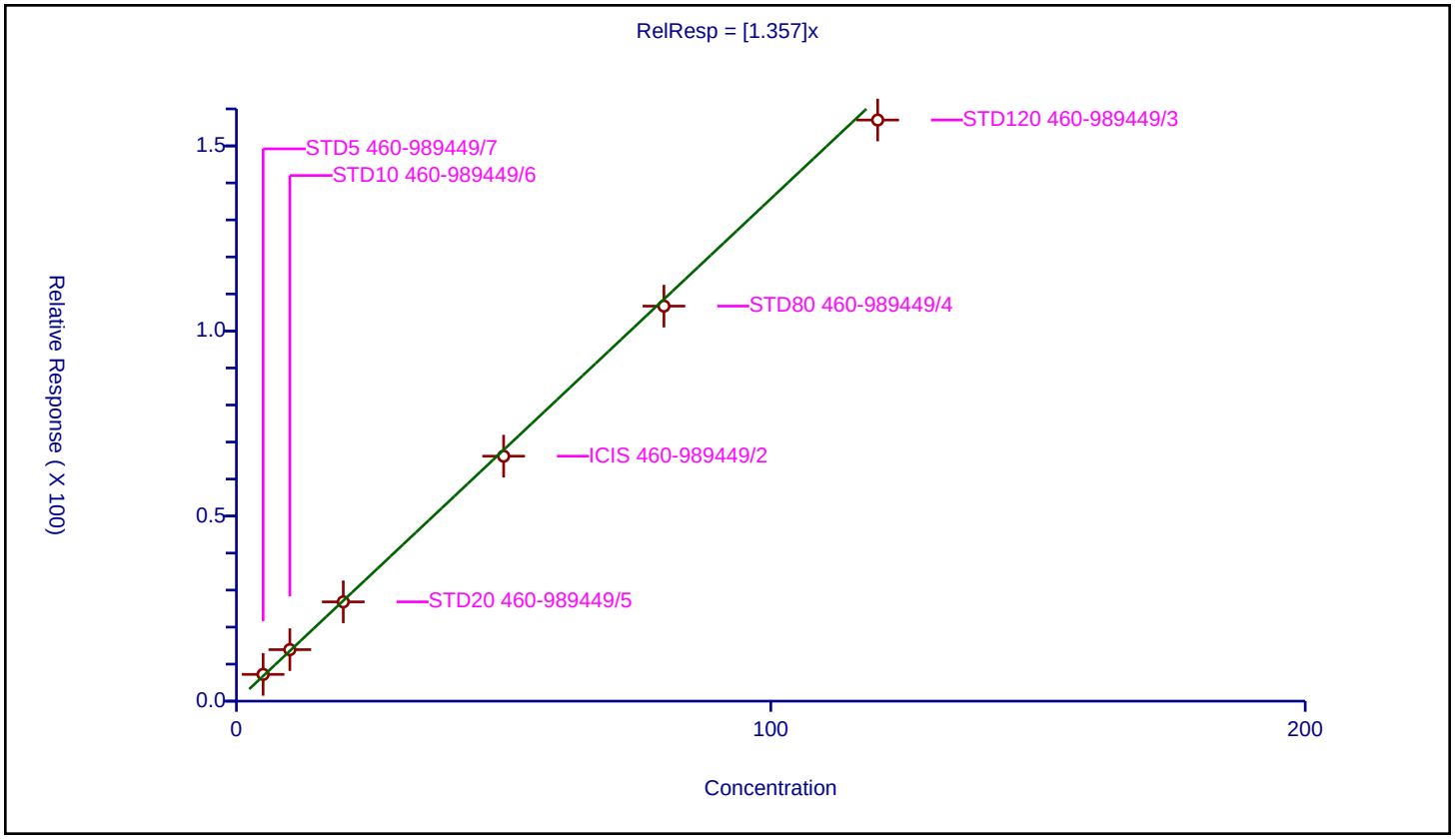
Curve Coefficients

Intercept:	0
Slope:	1.357

Error Coefficients

Relative Standard Deviation:	3.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-989449/7	5.0	7.225	40.0	602901.0	1.445	Y
2	STD10 460-989449/6	10.0	13.912634	40.0	611427.0	1.391263	Y
3	STD20 460-989449/5	20.0	26.82093	40.0	540979.0	1.341047	Y
4	ICIS 460-989449/2	50.0	66.178575	40.0	618764.0	1.323572	Y
5	STD80 460-989449/4	80.0	106.719147	40.0	648112.0	1.333989	Y
6	STD120 460-989449/3	120.0	156.991208	40.0	636508.0	1.30826	Y



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Calibration / Fluorene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

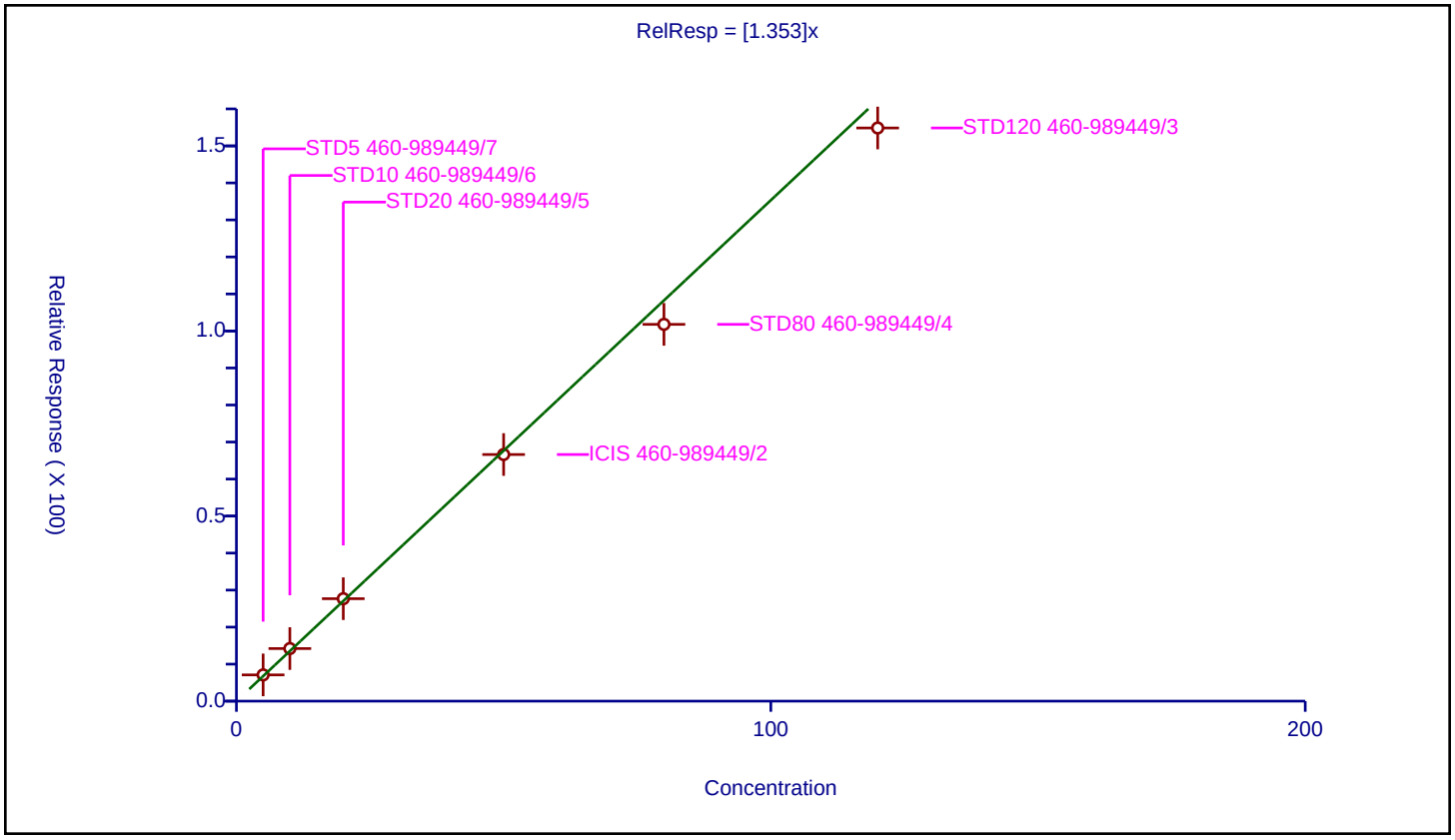
Curve Coefficients

Intercept:	0
Slope:	1.353

Error Coefficients

Relative Standard Deviation:	4.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-989449/7	5.0	7.094299	40.0	602901.0	1.41886	Y
2	STD10 460-989449/6	10.0	14.209644	40.0	611427.0	1.420964	Y
3	STD20 460-989449/5	20.0	27.678043	40.0	540979.0	1.383902	Y
4	ICIS 460-989449/2	50.0	66.627923	40.0	618764.0	1.332558	Y
5	STD80 460-989449/4	80.0	101.786173	40.0	648112.0	1.272327	Y
6	STD120 460-989449/3	120.0	154.843364	40.0	636508.0	1.290361	Y



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Calibration / 4-Chlorophenyl phenyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

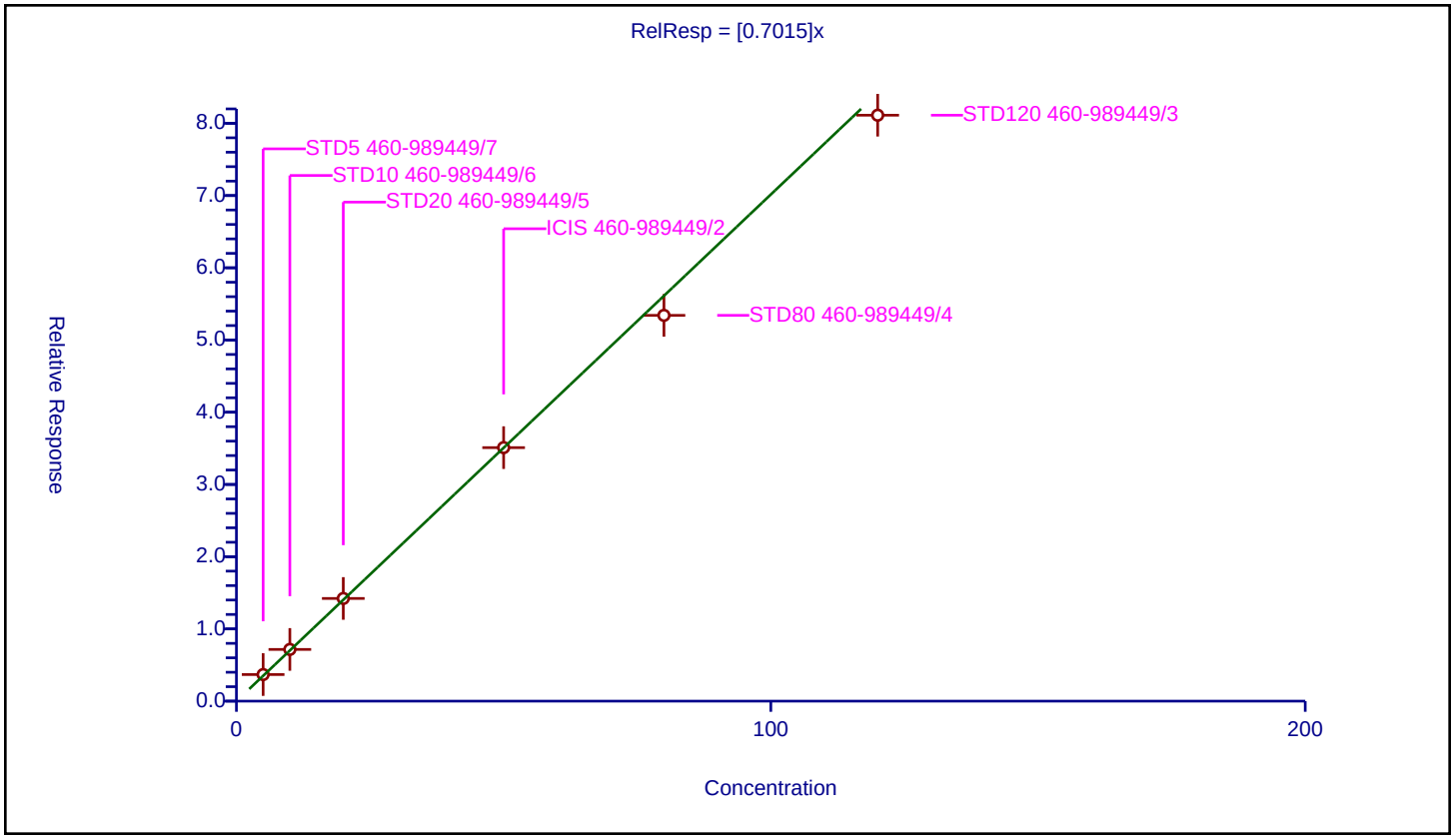
Curve Coefficients

Intercept:	0
Slope:	0.7015

Error Coefficients

Relative Standard Deviation:	3.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-989449/7	5.0	3.681002	40.0	602901.0	0.7362	Y
2	STD10 460-989449/6	10.0	7.160103	40.0	611427.0	0.71601	Y
3	STD20 460-989449/5	20.0	14.21741	40.0	540979.0	0.71087	Y
4	ICIS 460-989449/2	50.0	35.101008	40.0	618764.0	0.70202	Y
5	STD80 460-989449/4	80.0	53.412311	40.0	648112.0	0.667654	Y
6	STD120 460-989449/3	120.0	81.125579	40.0	636508.0	0.676046	Y



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Calibration / 4-Nitroaniline

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

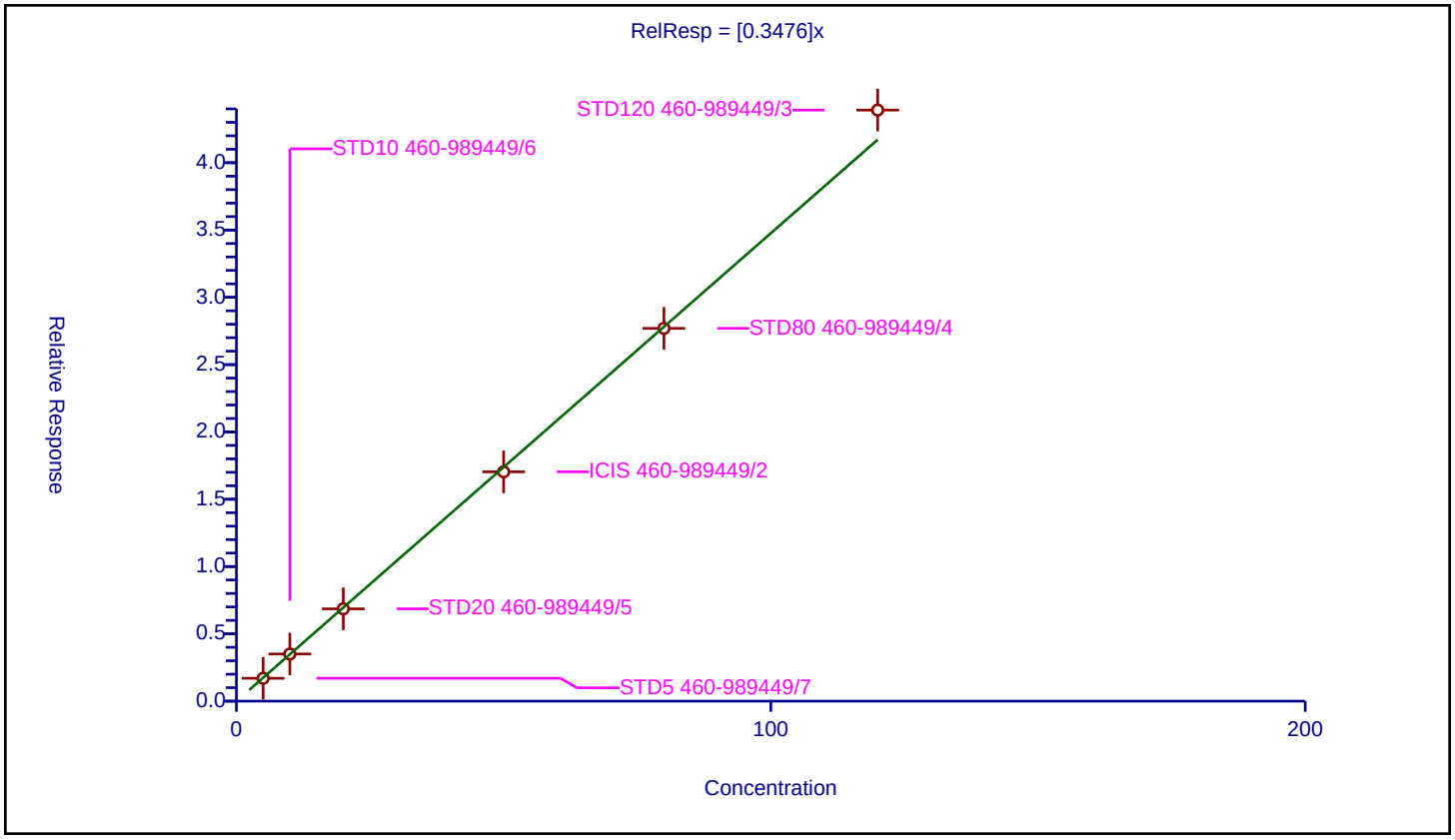
Curve Coefficients

Intercept:	0
Slope:	0.3476

Error Coefficients

Relative Standard Deviation:	2.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-989449/7	5.0	1.698654	40.0	602901.0	0.339731	Y
2	STD10 460-989449/6	10.0	3.502037	40.0	611427.0	0.350204	Y
3	STD20 460-989449/5	20.0	6.858233	40.0	540979.0	0.342912	Y
4	ICIS 460-989449/2	50.0	17.037643	40.0	618764.0	0.340753	Y
5	STD80 460-989449/4	80.0	27.695337	40.0	648112.0	0.346192	Y
6	STD120 460-989449/3	120.0	43.910273	40.0	636508.0	0.365919	Y



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Calibration / 4,6-Dinitro-2-methylphenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

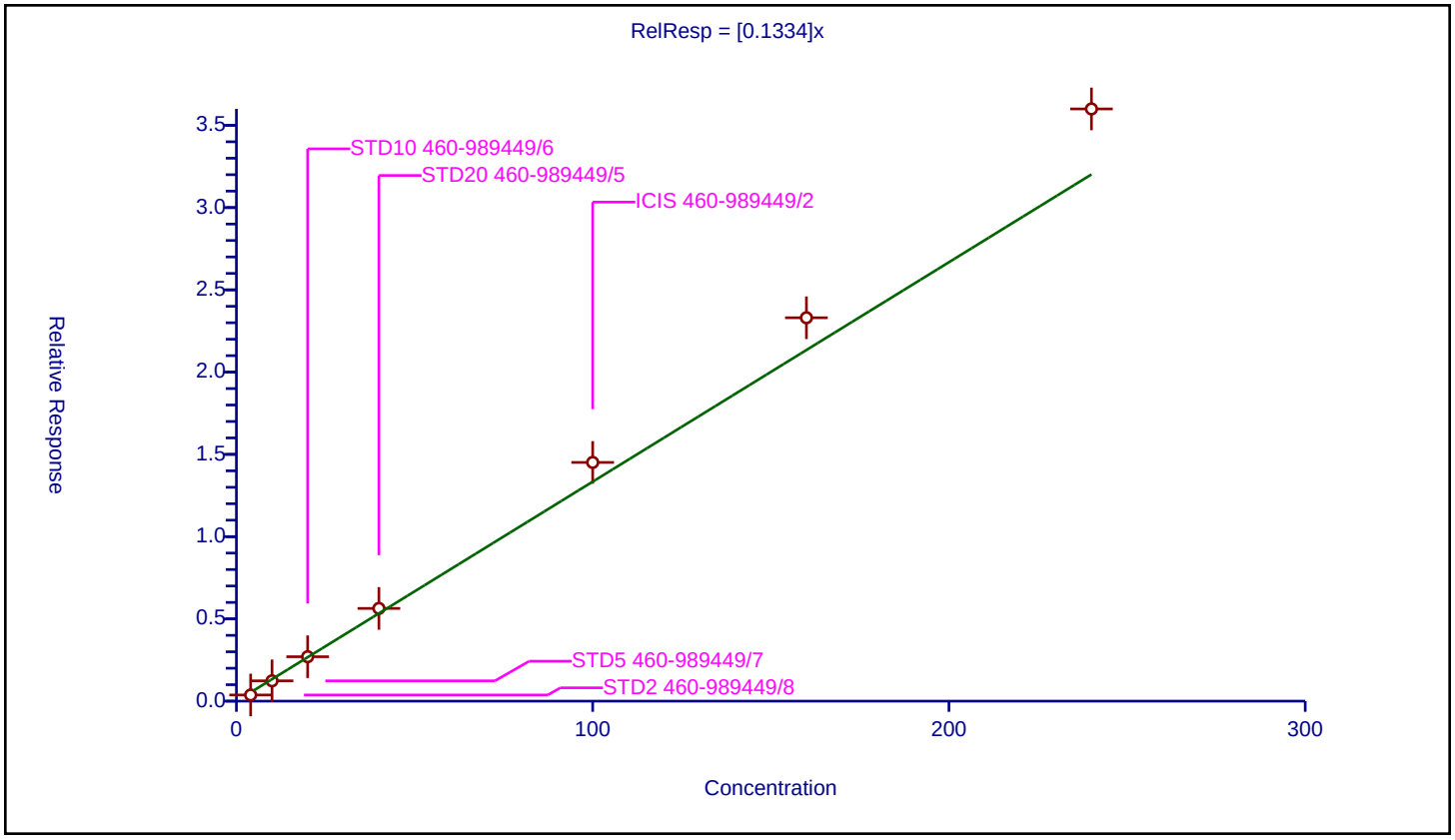
Curve Coefficients

Intercept:	0
Slope:	0.1334

Error Coefficients

Relative Standard Deviation:	14.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD2 460-989449/8	4.0	0.37463	40.0	1078717.0	0.093658	Y
2	STD5 460-989449/7	10.0	1.234963	40.0	1203307.0	0.123496	Y
3	STD10 460-989449/6	20.0	2.699858	40.0	1225546.0	0.134993	Y
4	STD20 460-989449/5	40.0	5.636745	40.0	1060165.0	0.140919	Y
5	ICIS 460-989449/2	100.0	14.509156	40.0	1223677.0	0.145092	Y
6	STD80 460-989449/4	160.0	23.304561	40.0	1290810.0	0.145654	Y
7	STD120 460-989449/3	240.0	35.99621	40.0	1311787.0	0.149984	Y



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Calibration / N-Nitrosodiphenylamine

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

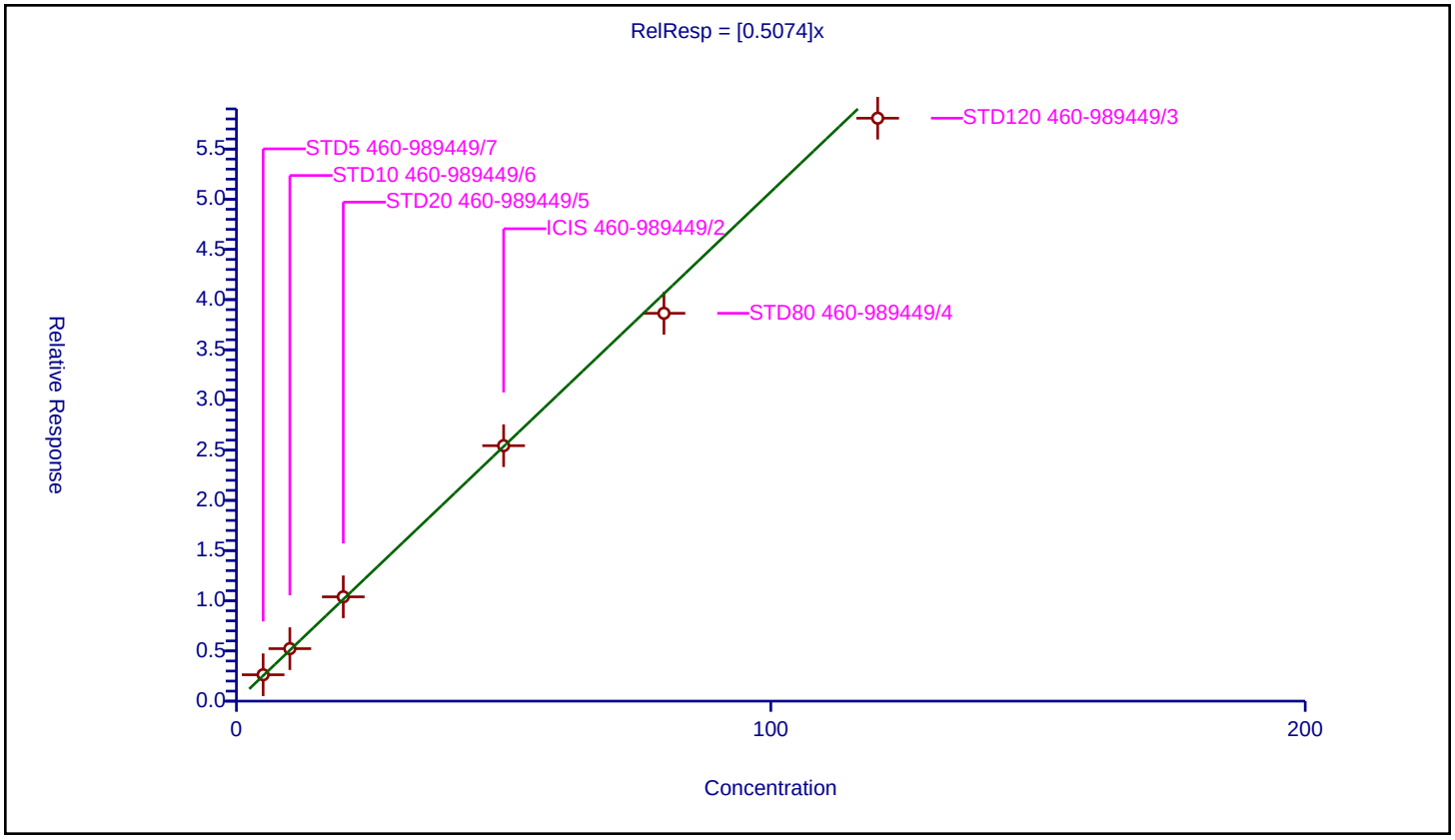
Curve Coefficients

Intercept:	0
Slope:	0.5074

Error Coefficients

Relative Standard Deviation:	3.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-989449/7	5.0	2.629387	40.0	1203307.0	0.525877	Y
2	STD10 460-989449/6	10.0	5.228004	40.0	1225546.0	0.5228	Y
3	STD20 460-989449/5	20.0	10.390684	40.0	1060165.0	0.519534	Y
4	ICIS 460-989449/2	50.0	25.449722	40.0	1223677.0	0.508994	Y
5	STD80 460-989449/4	80.0	38.637538	40.0	1290810.0	0.482969	Y
6	STD120 460-989449/3	120.0	58.075099	40.0	1311787.0	0.483959	Y



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Calibration / 1,2-Diphenylhydrazine

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

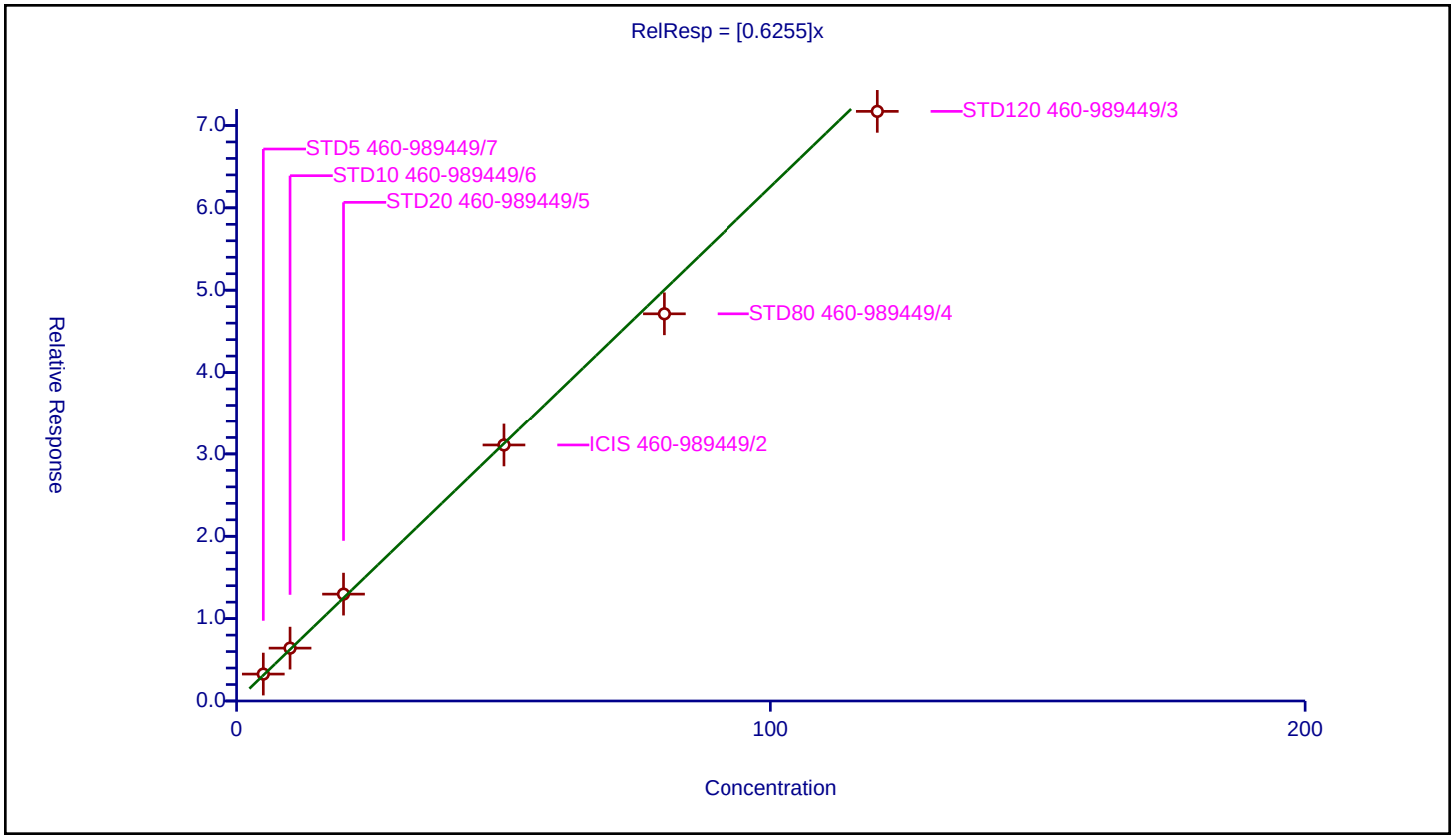
Curve Coefficients

Intercept:	0
Slope:	0.6255

Error Coefficients

Relative Standard Deviation:	4.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-989449/7	5.0	3.269257	40.0	1203307.0	0.653851	Y
2	STD10 460-989449/6	10.0	6.419408	40.0	1225546.0	0.641941	Y
3	STD20 460-989449/5	20.0	12.976207	40.0	1060165.0	0.64881	Y
4	ICIS 460-989449/2	50.0	31.087812	40.0	1223677.0	0.621756	Y
5	STD80 460-989449/4	80.0	47.131367	40.0	1290810.0	0.589142	Y
6	STD120 460-989449/3	120.0	71.714722	40.0	1311787.0	0.597623	Y



Calibration / Azobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

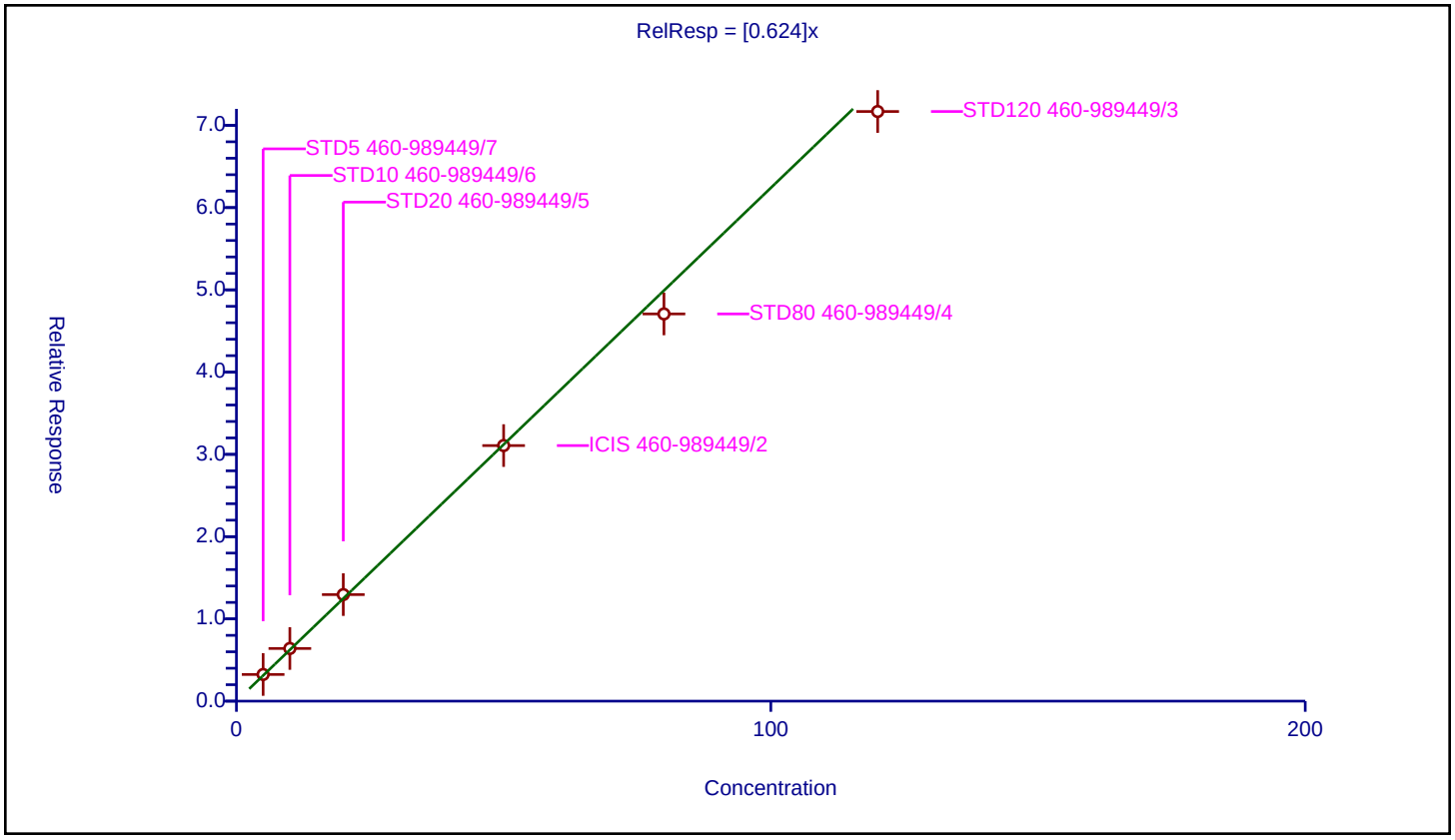
Curve Coefficients

Intercept:	0
Slope:	0.624

Error Coefficients

Relative Standard Deviation:	4.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-989449/7	5.0	3.242896	40.0	1203307.0	0.648579	Y
2	STD10 460-989449/6	10.0	6.403578	40.0	1225546.0	0.640358	Y
3	STD20 460-989449/5	20.0	12.954776	40.0	1060165.0	0.647739	Y
4	ICIS 460-989449/2	50.0	31.067839	40.0	1223677.0	0.621357	Y
5	STD80 460-989449/4	80.0	47.075836	40.0	1290810.0	0.588448	Y
6	STD120 460-989449/3	120.0	71.682064	40.0	1311787.0	0.597351	Y



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Calibration / 2,4,6-Tribromophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

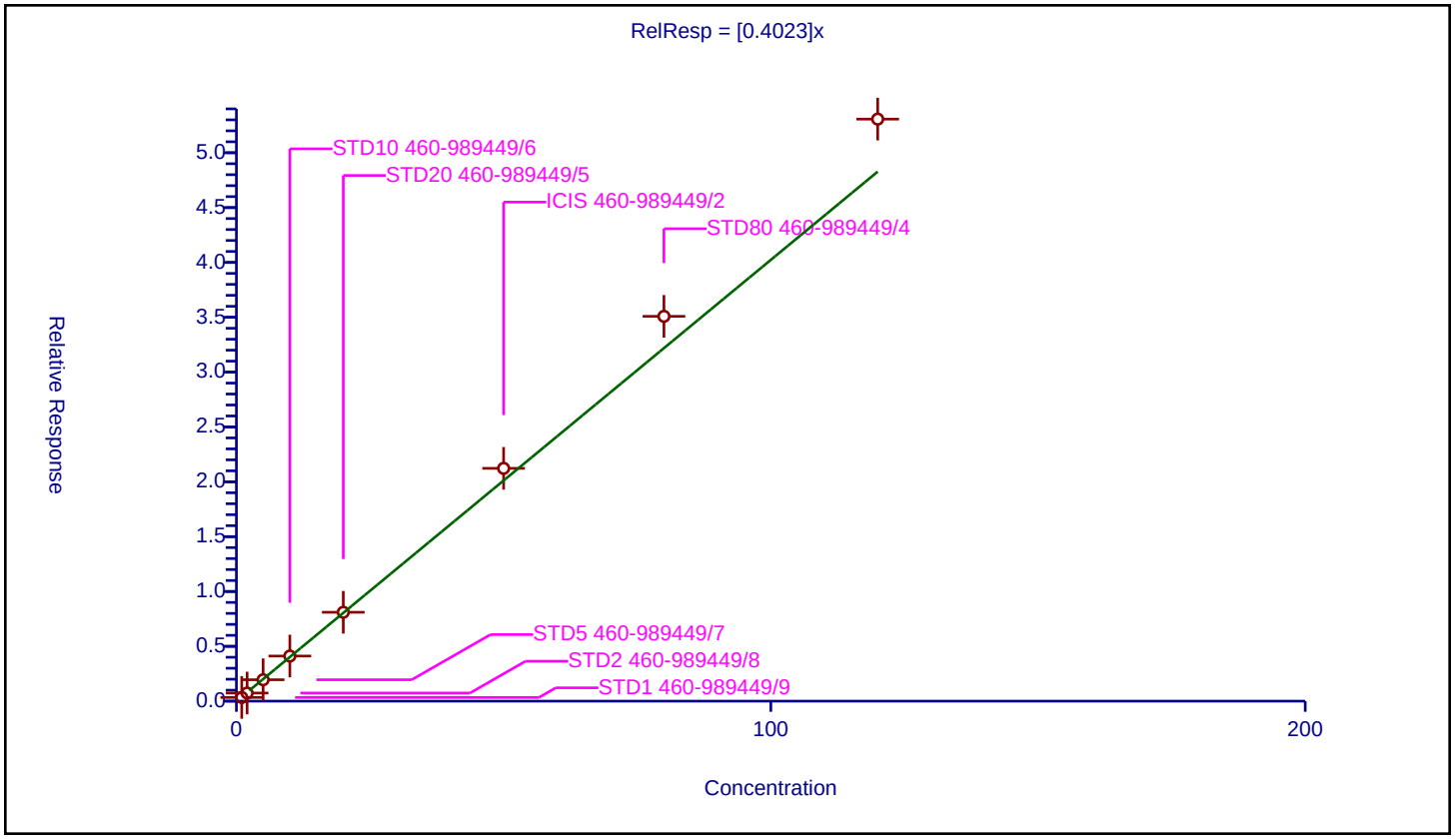
Curve Coefficients

Intercept:	0
Slope:	0.4023

Error Coefficients

Relative Standard Deviation:	8.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-989449/9	1.0	0.337092	40.0	600904.0	0.337092	Y
2	STD2 460-989449/8	2.0	0.738882	40.0	534104.0	0.369441	Y
3	STD5 460-989449/7	5.0	1.951697	40.0	602901.0	0.390339	Y
4	STD10 460-989449/6	10.0	4.112674	40.0	611427.0	0.411267	Y
5	STD20 460-989449/5	20.0	8.10257	40.0	540979.0	0.405128	Y
6	ICIS 460-989449/2	50.0	21.225346	40.0	618764.0	0.424507	Y
7	STD80 460-989449/4	80.0	35.084183	40.0	648112.0	0.438552	Y
8	STD120 460-989449/3	120.0	53.06711	40.0	636508.0	0.442226	Y



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Calibration / 4-Bromophenyl phenyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

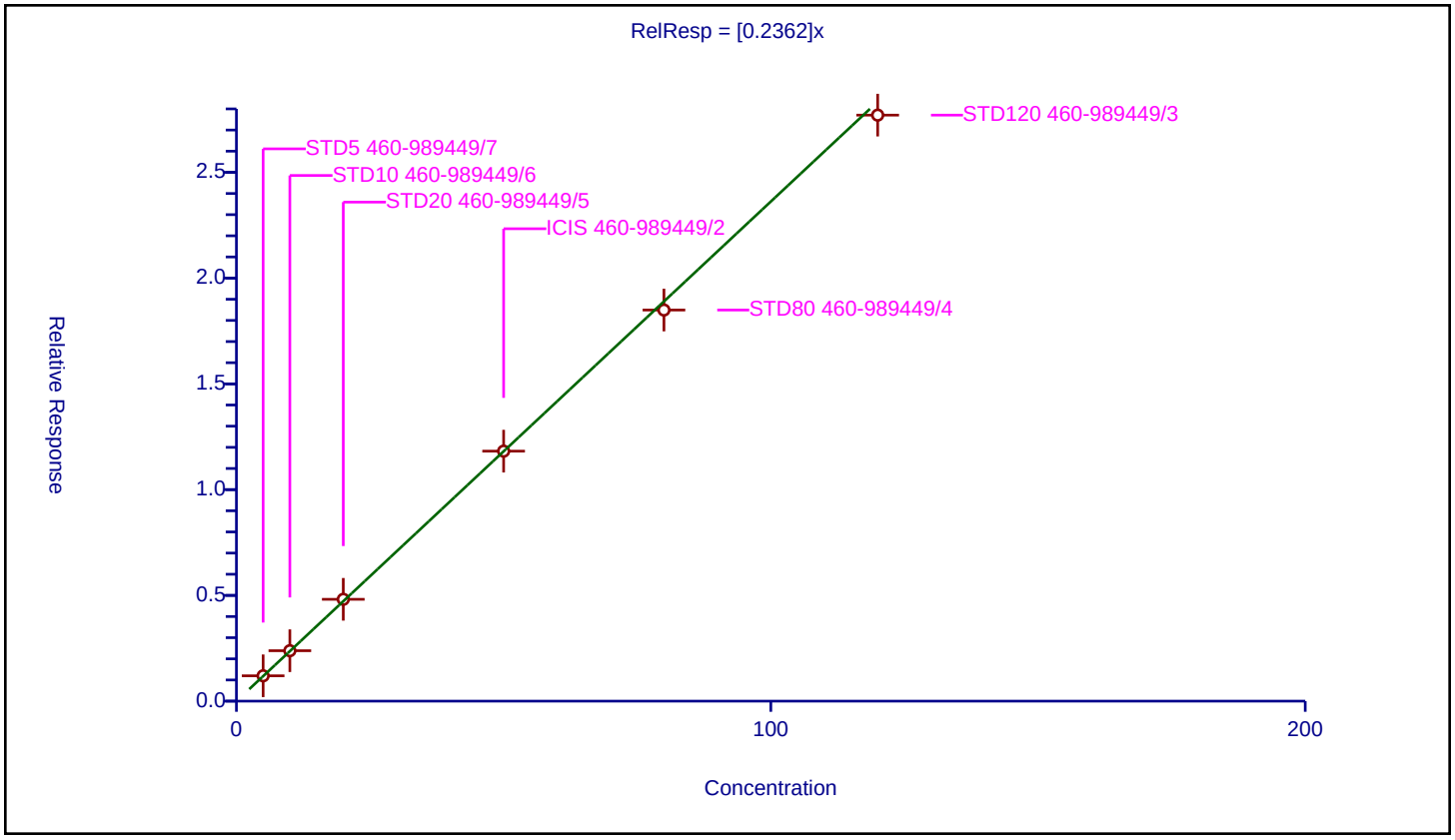
Curve Coefficients

Intercept:	0
Slope:	0.2362

Error Coefficients

Relative Standard Deviation:	1.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-989449/7	5.0	1.198198	40.0	1203307.0	0.23964	Y
2	STD10 460-989449/6	10.0	2.384211	40.0	1225546.0	0.238421	Y
3	STD20 460-989449/5	20.0	4.814383	40.0	1060165.0	0.240719	Y
4	ICIS 460-989449/2	50.0	11.819295	40.0	1223677.0	0.236386	Y
5	STD80 460-989449/4	80.0	18.490033	40.0	1290810.0	0.231125	Y
6	STD120 460-989449/3	120.0	27.704986	40.0	1311787.0	0.230875	Y



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Calibration / Hexachlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

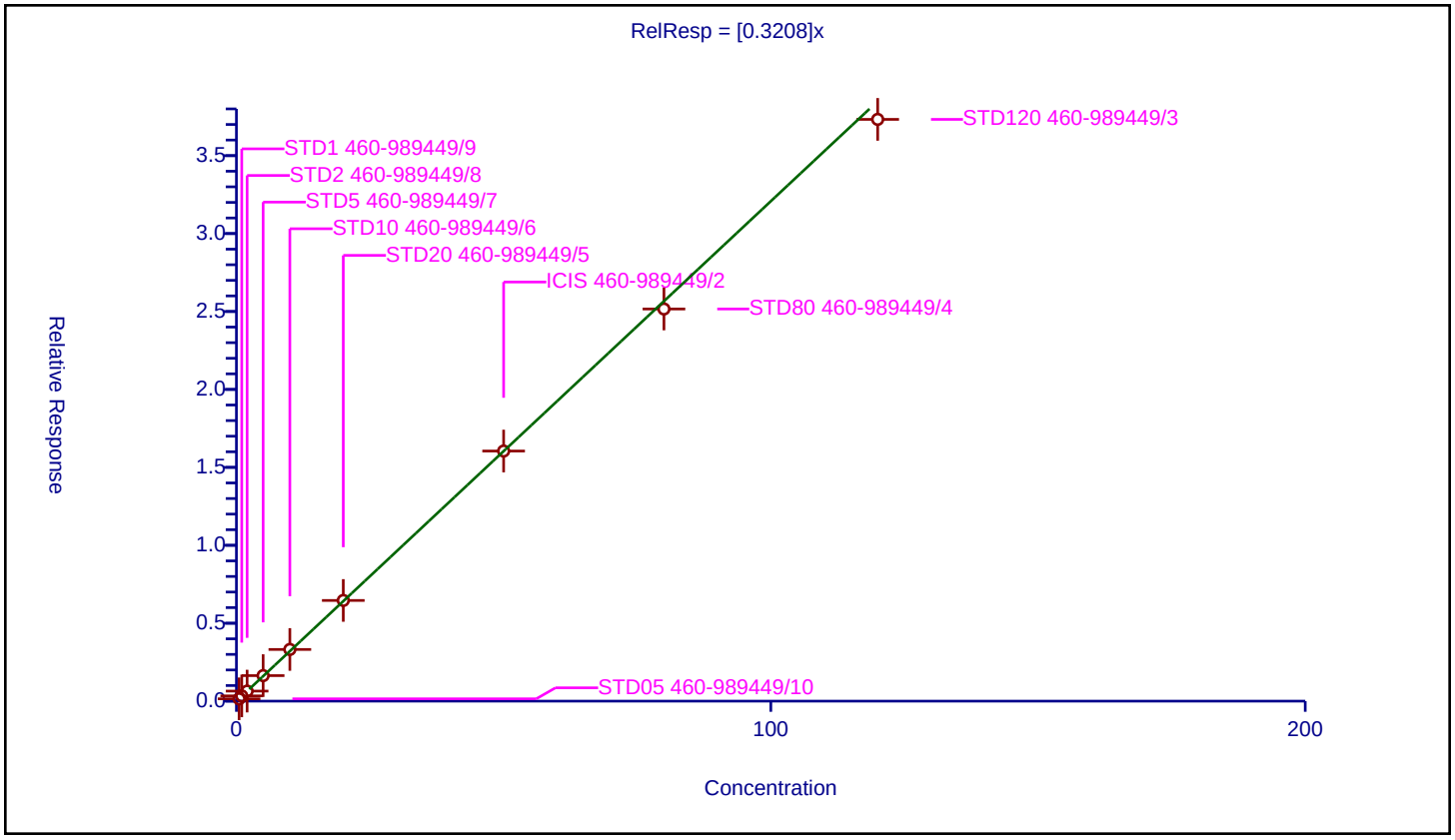
Curve Coefficients

Intercept:	0
Slope:	0.3208

Error Coefficients

Relative Standard Deviation:	3.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-989449/10	0.5	0.149326	40.0	1147024.0	0.298651	Y
2	STD1 460-989449/9	1.0	0.336852	40.0	1171909.0	0.336852	Y
3	STD2 460-989449/8	2.0	0.6451	40.0	1078717.0	0.32255	Y
4	STD5 460-989449/7	5.0	1.637853	40.0	1203307.0	0.327571	Y
5	STD10 460-989449/6	10.0	3.316693	40.0	1225546.0	0.331669	Y
6	STD20 460-989449/5	20.0	6.460617	40.0	1060165.0	0.323031	Y
7	ICIS 460-989449/2	50.0	16.047535	40.0	1223677.0	0.320951	Y
8	STD80 460-989449/4	80.0	25.160945	40.0	1290810.0	0.314512	Y
9	STD120 460-989449/3	120.0	37.326334	40.0	1311787.0	0.311053	Y



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Calibration / Atrazine

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

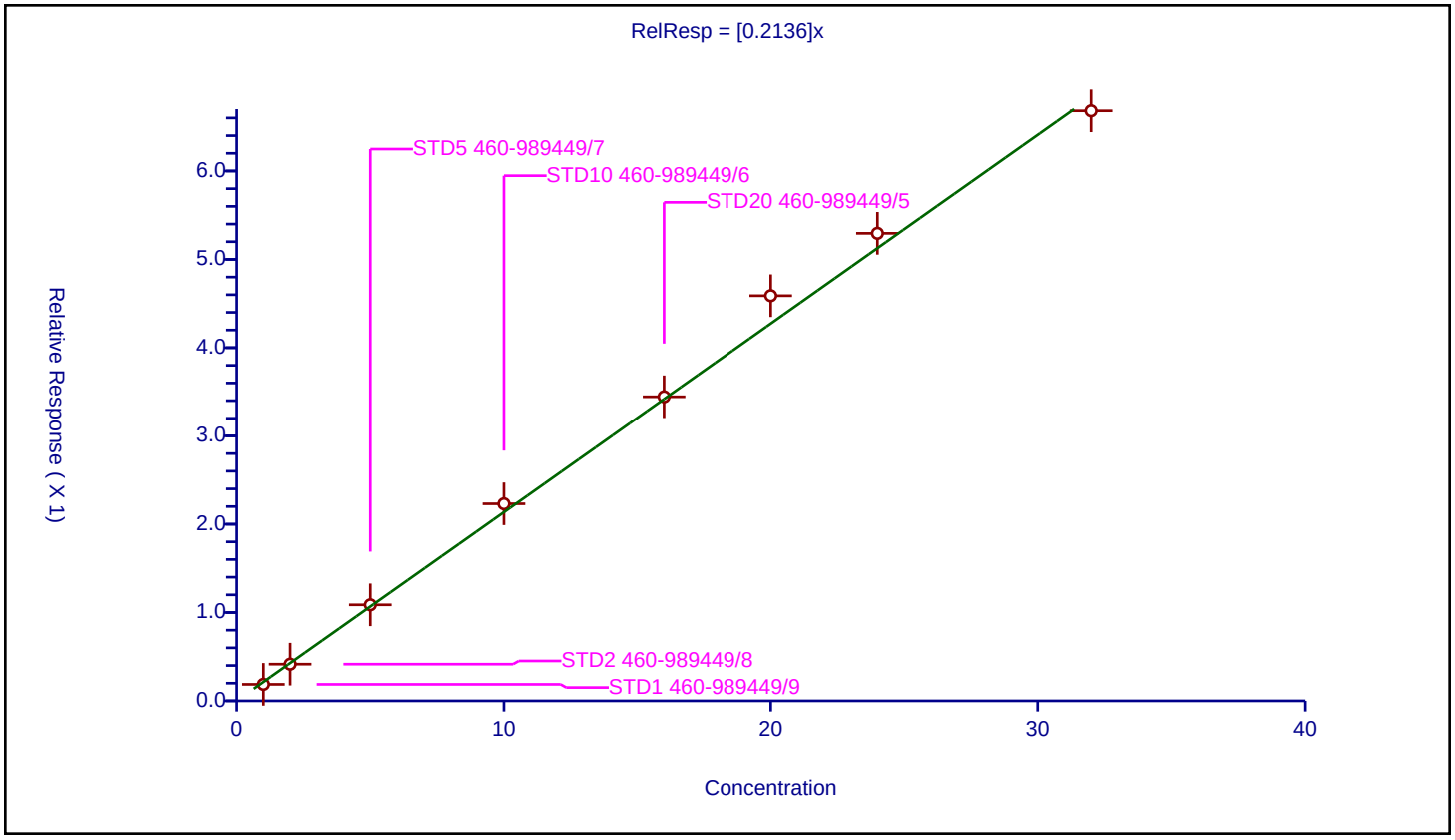
Curve Coefficients

Intercept:	0
Slope:	0.2136

Error Coefficients

Relative Standard Deviation:	6.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-989449/9	1.0	0.18667	40.0	1171909.0	0.18667	Y
2	STD2 460-989449/8	2.0	0.415234	40.0	1078717.0	0.207617	Y
3	STD5 460-989449/7	5.0	1.08737	40.0	1203307.0	0.217474	Y
4	STD10 460-989449/6	10.0	2.231365	40.0	1225546.0	0.223136	Y
5	STD20 460-989449/5	16.0	3.444068	40.0	1060165.0	0.215254	Y
6	ICIS 460-989449/2	20.0	4.588695	40.0	1223677.0	0.229435	Y
7	STD80 460-989449/4	24.0	5.295125	40.0	1290810.0	0.22063	Y
8	STD120 460-989449/3	32.0	6.680993	40.0	1311787.0	0.208781	Y



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Calibration / Pentachlorophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

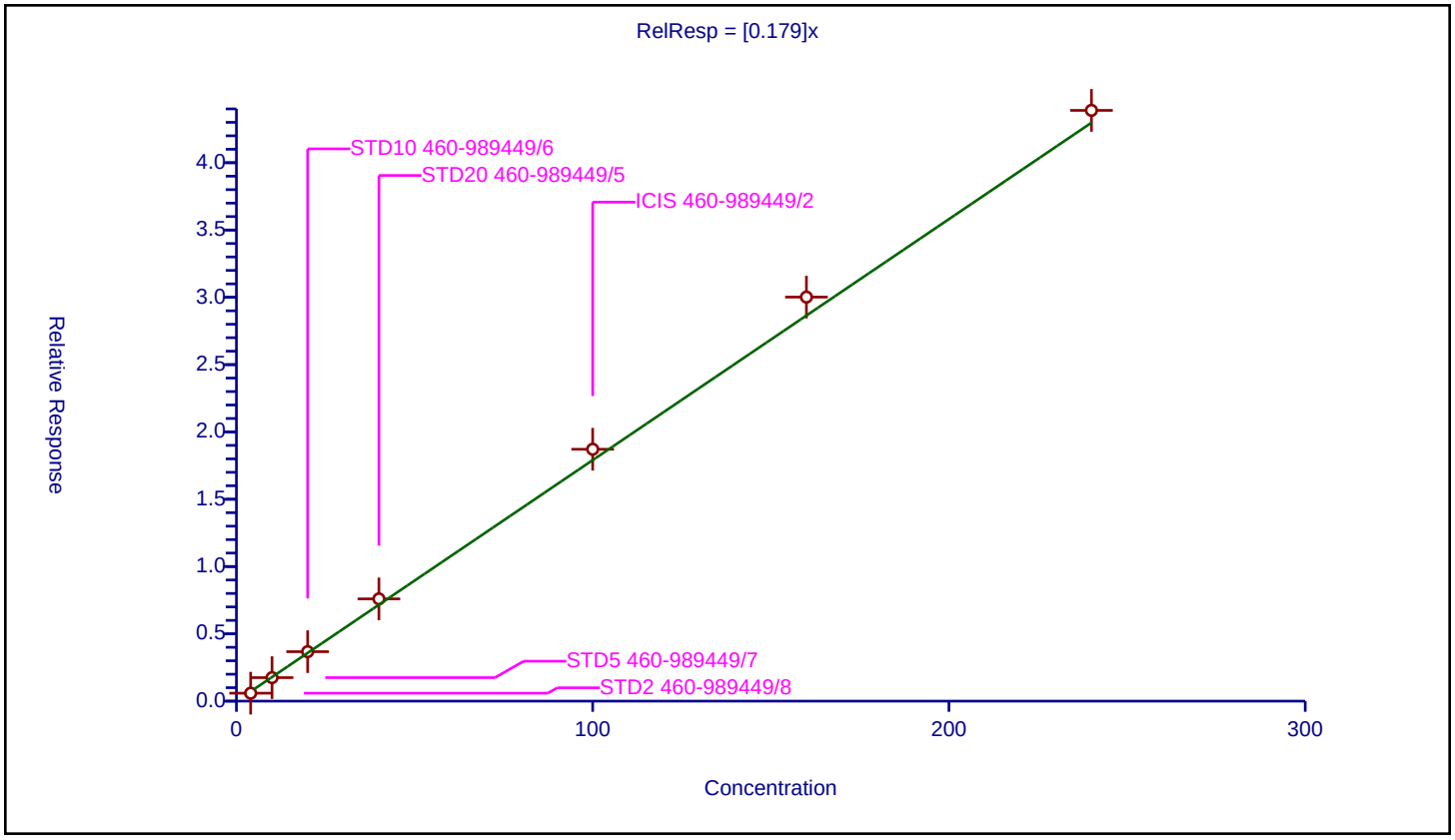
Curve Coefficients

Intercept:	0
Slope:	0.179

Error Coefficients

Relative Standard Deviation:	8.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD2 460-989449/8	4.0	0.589663	40.0	1078717.0	0.147416	Y
2	STD5 460-989449/7	10.0	1.745423	40.0	1203307.0	0.174542	Y
3	STD10 460-989449/6	20.0	3.67637	40.0	1225546.0	0.183818	Y
4	STD20 460-989449/5	40.0	7.597346	40.0	1060165.0	0.189934	Y
5	ICIS 460-989449/2	100.0	18.713762	40.0	1223677.0	0.187138	Y
6	STD80 460-989449/4	160.0	30.018237	40.0	1290810.0	0.187614	Y
7	STD120 460-989449/3	240.0	43.889503	40.0	1311787.0	0.182873	Y



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Calibration / Pentachloronitrobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

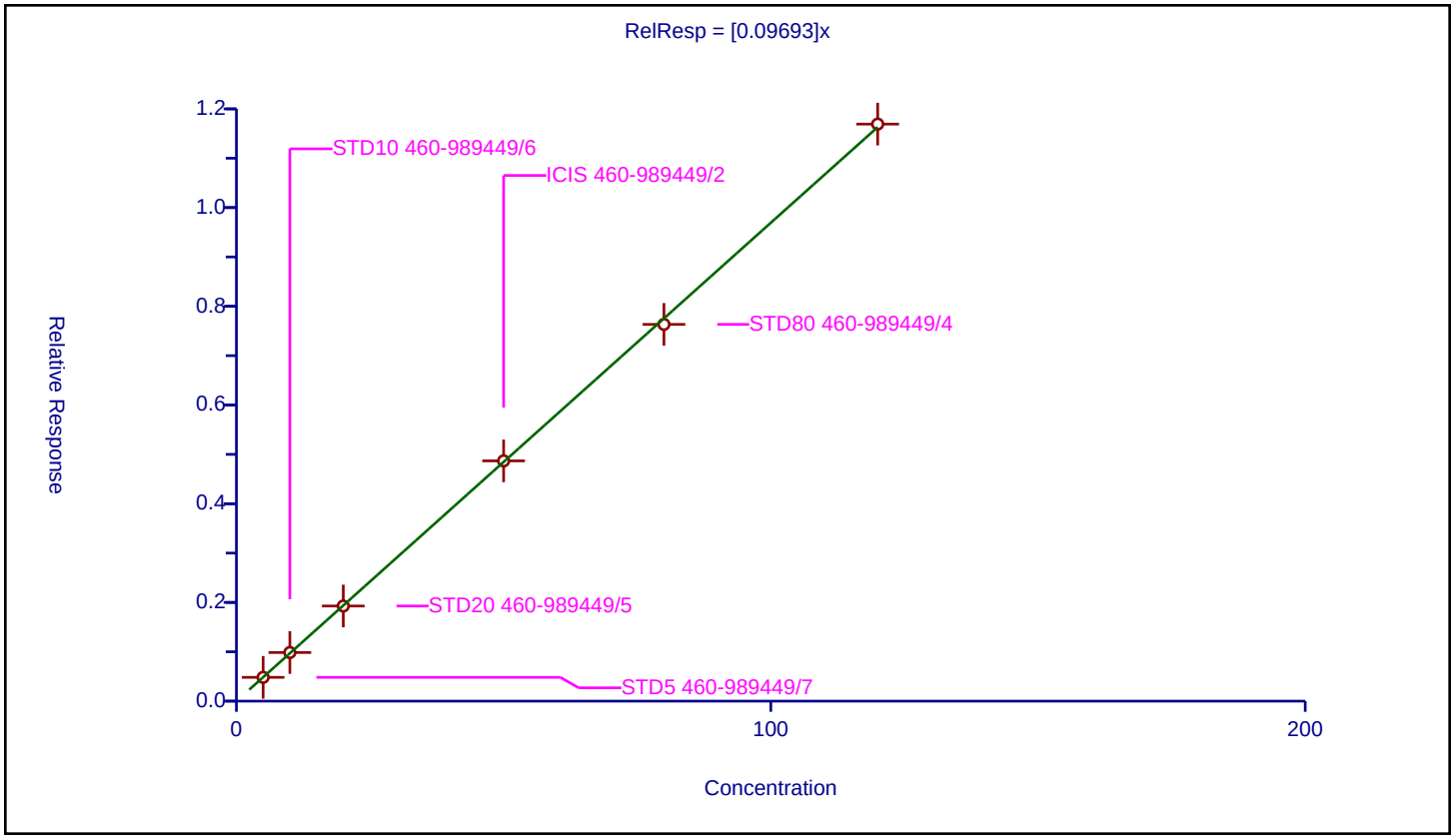
Curve Coefficients

Intercept:	0
Slope:	0.09693

Error Coefficients

Relative Standard Deviation:	1.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-989449/7	5.0	0.482337	40.0	1203307.0	0.096467	Y
2	STD10 460-989449/6	10.0	0.985063	40.0	1225546.0	0.098506	Y
3	STD20 460-989449/5	20.0	1.927285	40.0	1060165.0	0.096364	Y
4	ICIS 460-989449/2	50.0	4.868278	40.0	1223677.0	0.097366	Y
5	STD80 460-989449/4	80.0	7.633594	40.0	1290810.0	0.09542	Y
6	STD120 460-989449/3	120.0	11.69199	40.0	1311787.0	0.097433	Y



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Calibration / n-Octadecane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

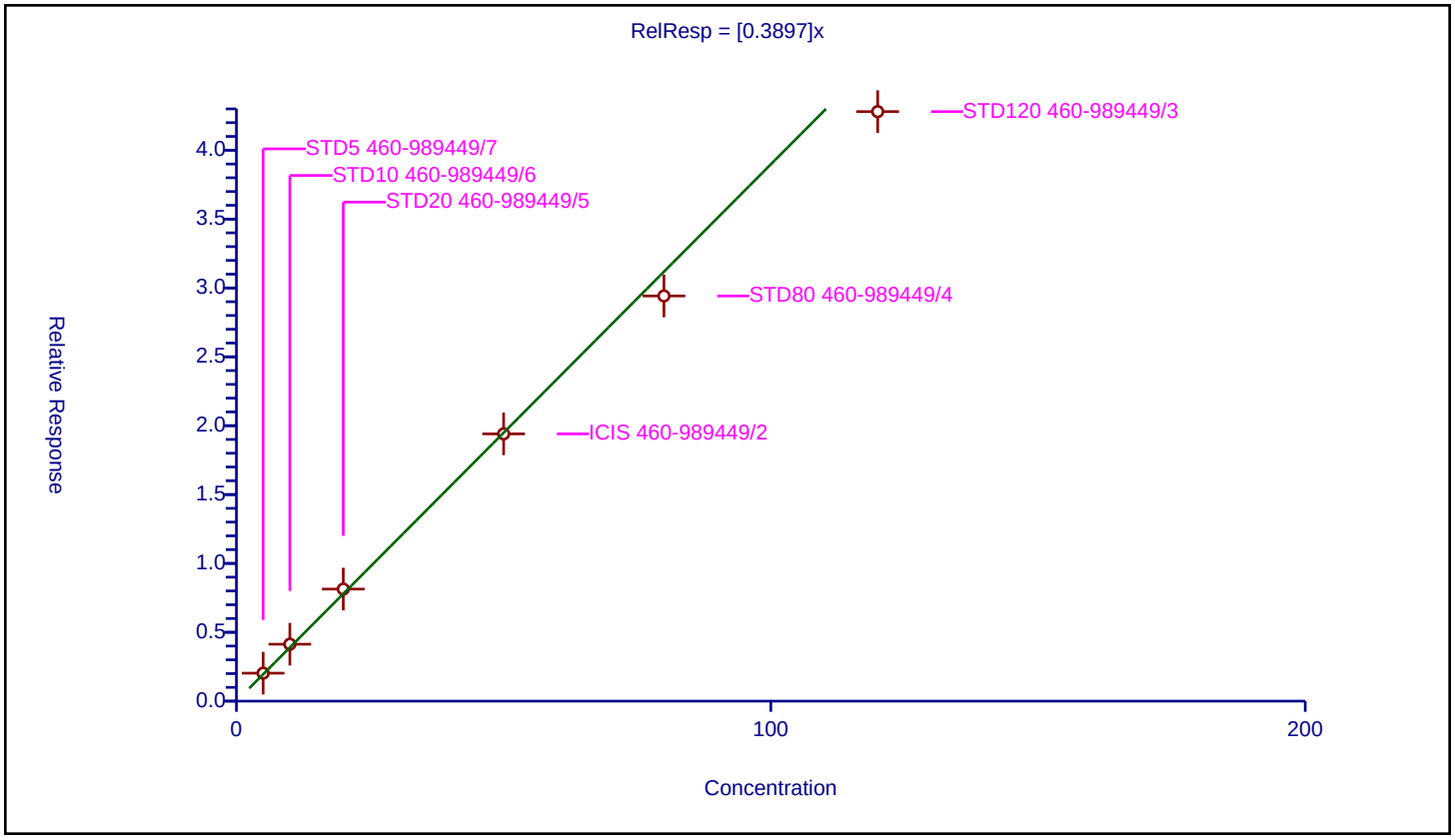
Curve Coefficients

Intercept:	0
Slope:	0.3897

Error Coefficients

Relative Standard Deviation:	5.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-989449/7	5.0	2.029574	40.0	1203307.0	0.405915	Y
2	STD10 460-989449/6	10.0	4.13246	40.0	1225546.0	0.413246	Y
3	STD20 460-989449/5	20.0	8.135639	40.0	1060165.0	0.406782	Y
4	ICIS 460-989449/2	50.0	19.404761	40.0	1223677.0	0.388095	Y
5	STD80 460-989449/4	80.0	29.419667	40.0	1290810.0	0.367746	Y
6	STD120 460-989449/3	120.0	42.803534	40.0	1311787.0	0.356696	Y



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Calibration / Phenanthrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

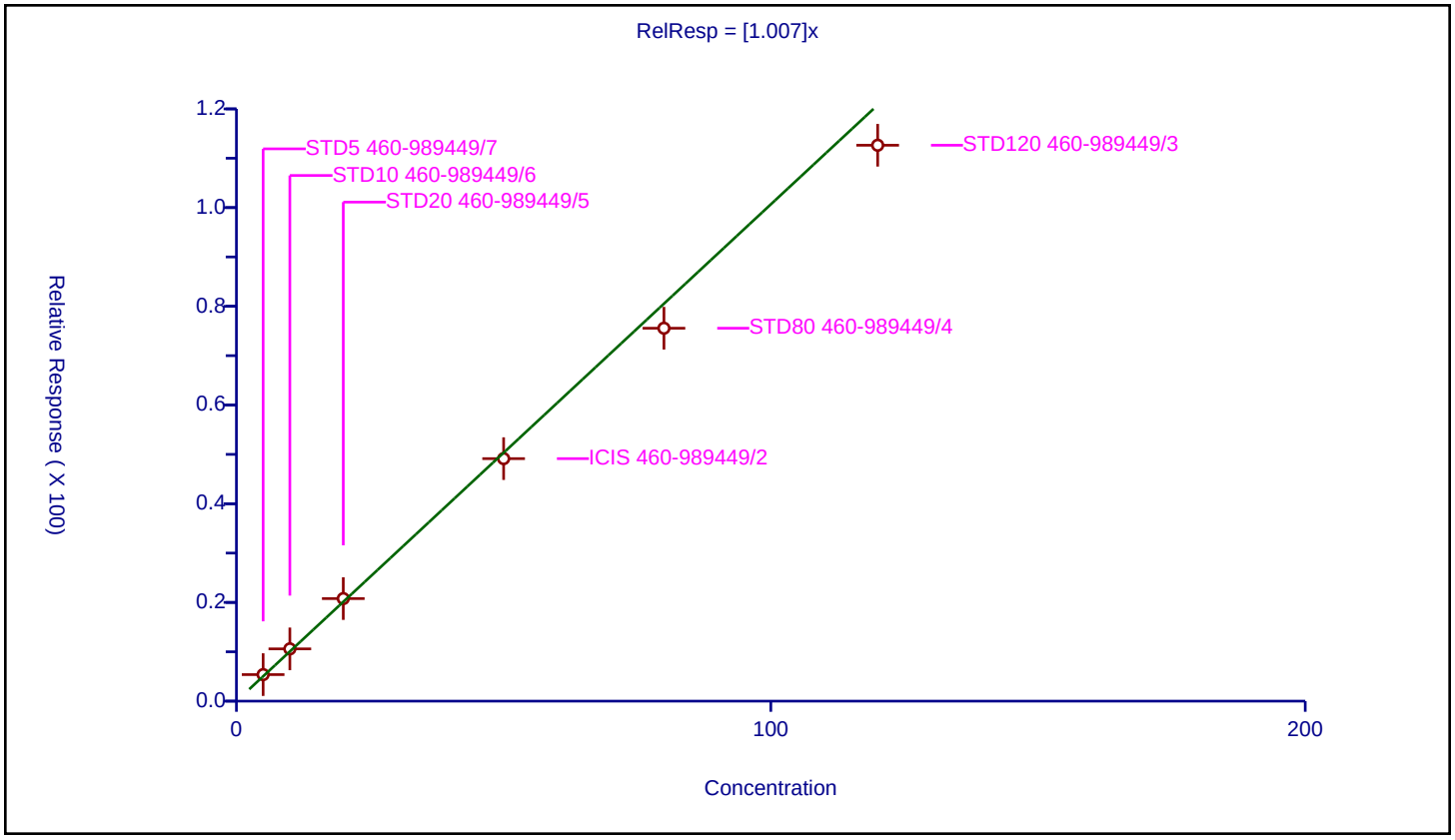
Curve Coefficients

Intercept:	0
Slope:	1.007

Error Coefficients

Relative Standard Deviation:	5.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-989449/7	5.0	5.37768	40.0	1203307.0	1.075536	Y
2	STD10 460-989449/6	10.0	10.589827	40.0	1225546.0	1.058983	Y
3	STD20 460-989449/5	20.0	20.781746	40.0	1060165.0	1.039087	Y
4	ICIS 460-989449/2	50.0	49.137477	40.0	1223677.0	0.98275	Y
5	STD80 460-989449/4	80.0	75.560555	40.0	1290810.0	0.944507	Y
6	STD120 460-989449/3	120.0	112.634018	40.0	1311787.0	0.938617	Y



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Calibration / Anthracene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

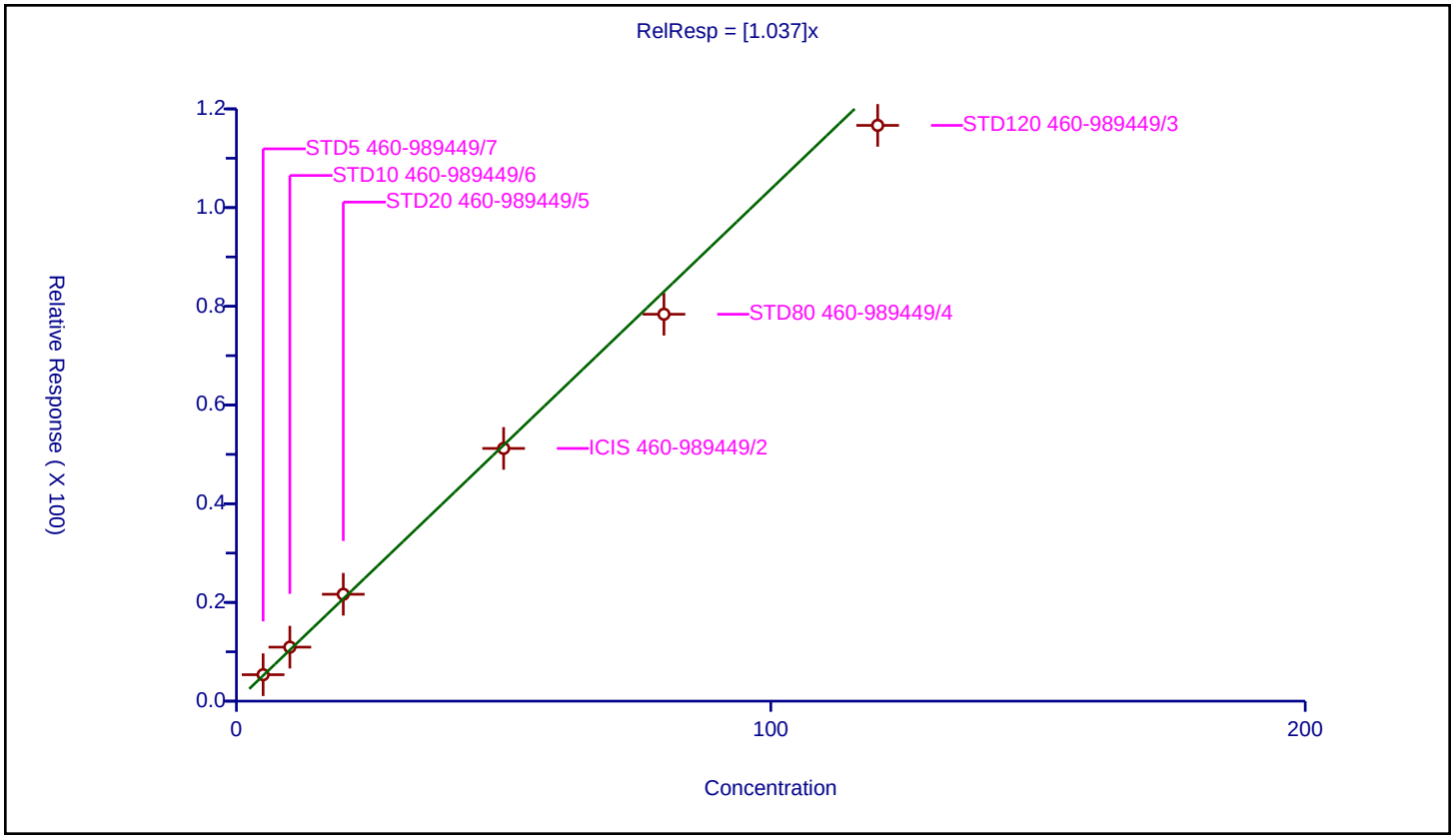
Curve Coefficients

Intercept:	0
Slope:	1.037

Error Coefficients

Relative Standard Deviation:	5.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-989449/7	5.0	5.353679	40.0	1203307.0	1.070736	Y
2	STD10 460-989449/6	10.0	10.941278	40.0	1225546.0	1.094128	Y
3	STD20 460-989449/5	20.0	21.652592	40.0	1060165.0	1.08263	Y
4	ICIS 460-989449/2	50.0	51.204983	40.0	1223677.0	1.0241	Y
5	STD80 460-989449/4	80.0	78.392513	40.0	1290810.0	0.979906	Y
6	STD120 460-989449/3	120.0	116.656866	40.0	1311787.0	0.972141	Y



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Calibration / Carbazole

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

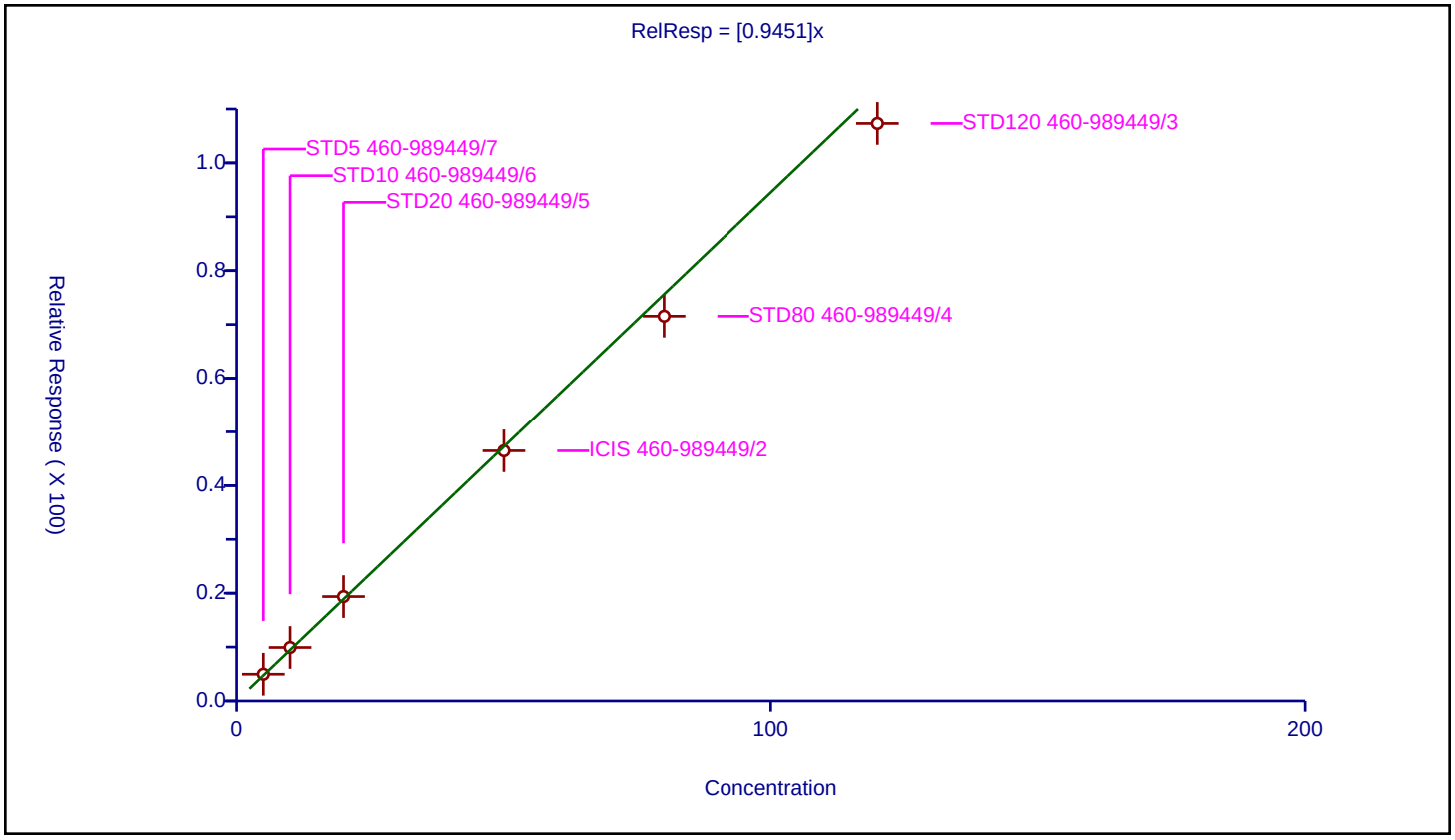
Curve Coefficients

Intercept:	0
Slope:	0.9451

Error Coefficients

Relative Standard Deviation:	4.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-989449/7	5.0	4.959167	40.0	1203307.0	0.991833	Y
2	STD10 460-989449/6	10.0	9.919628	40.0	1225546.0	0.991963	Y
3	STD20 460-989449/5	20.0	19.375663	40.0	1060165.0	0.968783	Y
4	ICIS 460-989449/2	50.0	46.475728	40.0	1223677.0	0.929515	Y
5	STD80 460-989449/4	80.0	71.538894	40.0	1290810.0	0.894236	Y
6	STD120 460-989449/3	120.0	107.330382	40.0	1311787.0	0.89442	Y



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Calibration / Di-n-butyl phthalate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

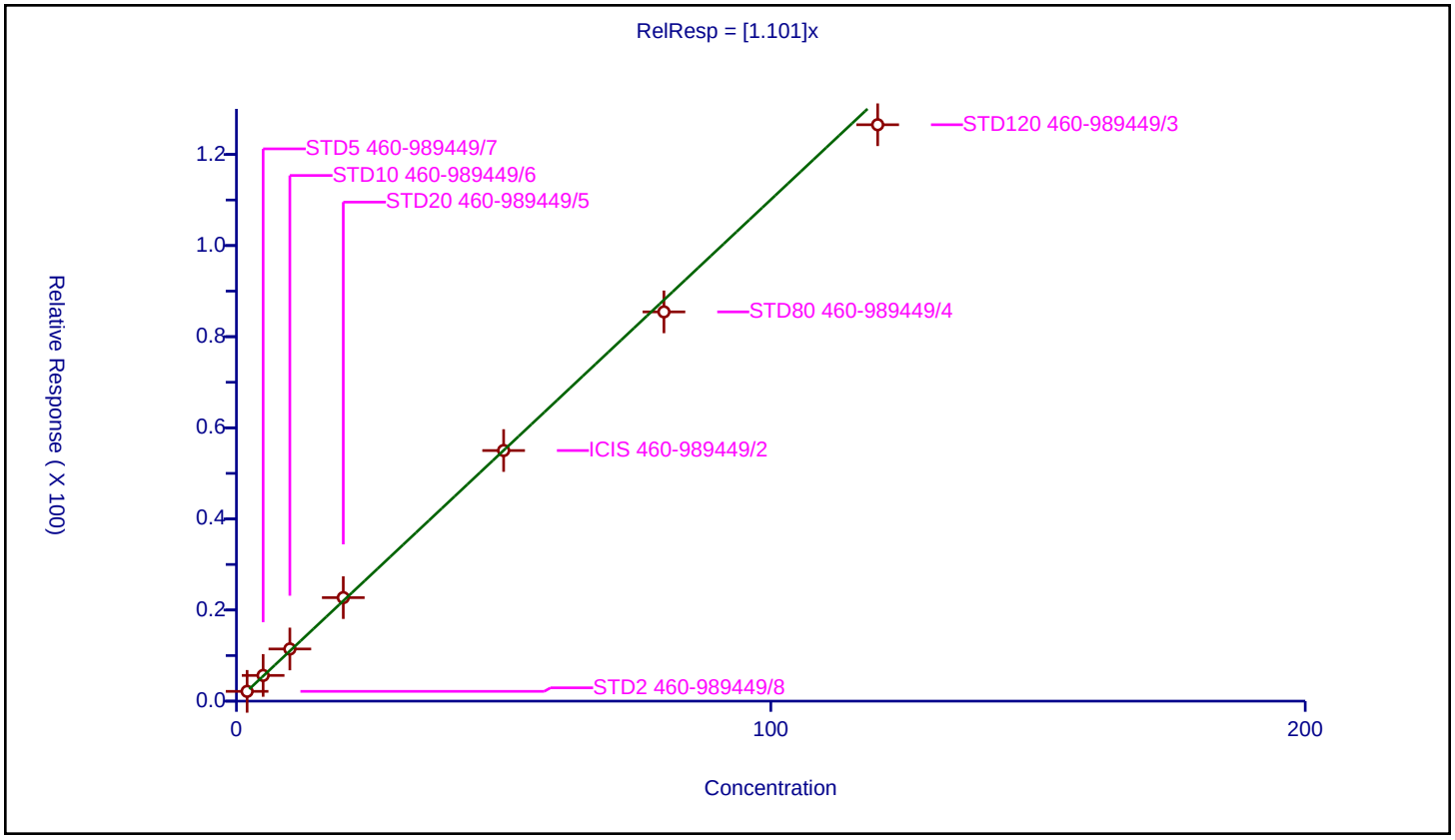
Curve Coefficients

Intercept:	0
Slope:	1.101

Error Coefficients

Relative Standard Deviation:	3.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD2 460-989449/8	2.0	2.146216	40.0	1078717.0	1.073108	Y
2	STD5 460-989449/7	5.0	5.643148	40.0	1203307.0	1.12863	Y
3	STD10 460-989449/6	10.0	11.45181	40.0	1225546.0	1.145181	Y
4	STD20 460-989449/5	20.0	22.720161	40.0	1060165.0	1.136008	Y
5	ICIS 460-989449/2	50.0	55.009222	40.0	1223677.0	1.100184	Y
6	STD80 460-989449/4	80.0	85.448145	40.0	1290810.0	1.068102	Y
7	STD120 460-989449/3	120.0	126.523559	40.0	1311787.0	1.054363	Y



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Calibration / Fluoranthene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

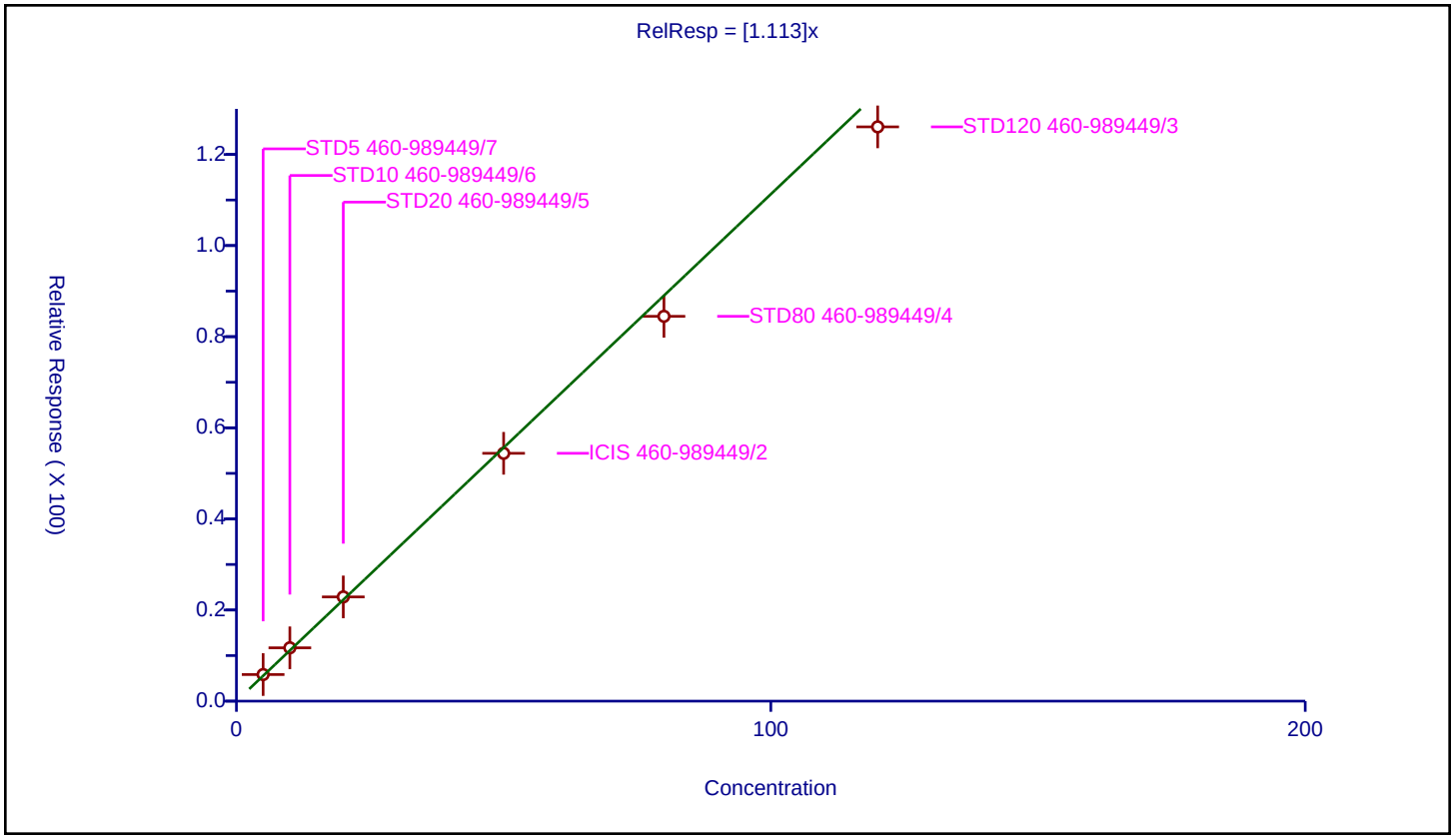
Curve Coefficients

Intercept:	0
Slope:	1.113

Error Coefficients

Relative Standard Deviation:	4.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-989449/7	5.0	5.838011	40.0	1203307.0	1.167602	Y
2	STD10 460-989449/6	10.0	11.704889	40.0	1225546.0	1.170489	Y
3	STD20 460-989449/5	20.0	22.877345	40.0	1060165.0	1.143867	Y
4	ICIS 460-989449/2	50.0	54.401578	40.0	1223677.0	1.088032	Y
5	STD80 460-989449/4	80.0	84.470867	40.0	1290810.0	1.055886	Y
6	STD120 460-989449/3	120.0	126.053849	40.0	1311787.0	1.050449	Y



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Calibration / Benzidine

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

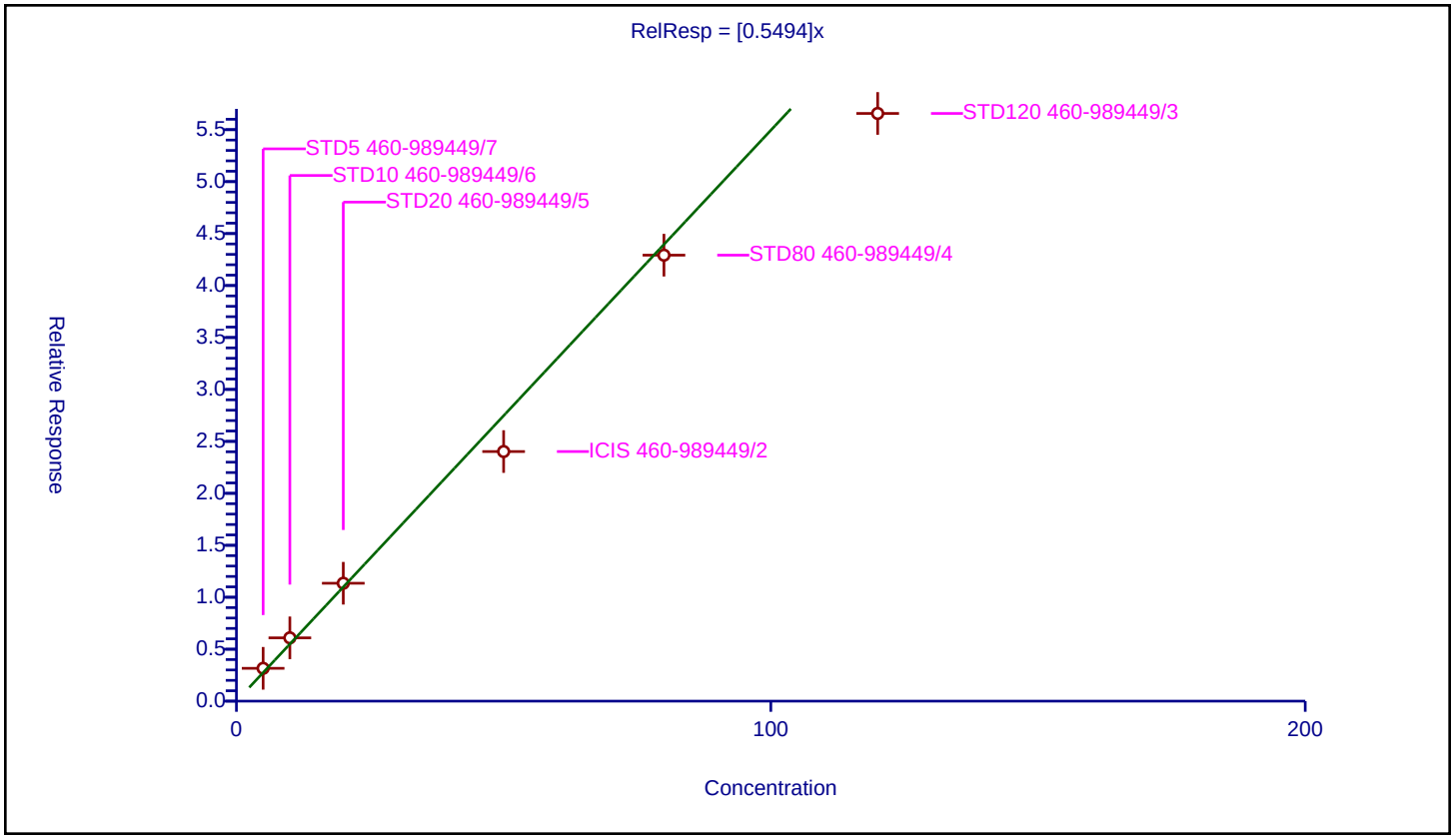
Curve Coefficients

Intercept:	0
Slope:	0.5494

Error Coefficients

Relative Standard Deviation:	12.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-989449/7	5.0	3.159028	40.0	1203307.0	0.631806	Y
2	STD10 460-989449/6	10.0	6.09064	40.0	1225546.0	0.609064	Y
3	STD20 460-989449/5	20.0	11.345517	40.0	1060165.0	0.567276	Y
4	ICIS 460-989449/2	50.0	24.022058	40.0	1223677.0	0.480441	Y
5	STD80 460-989449/4	80.0	42.920833	40.0	1290810.0	0.53651	Y
6	STD120 460-989449/3	120.0	56.561378	40.0	1311787.0	0.471345	Y



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Calibration / Pyrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

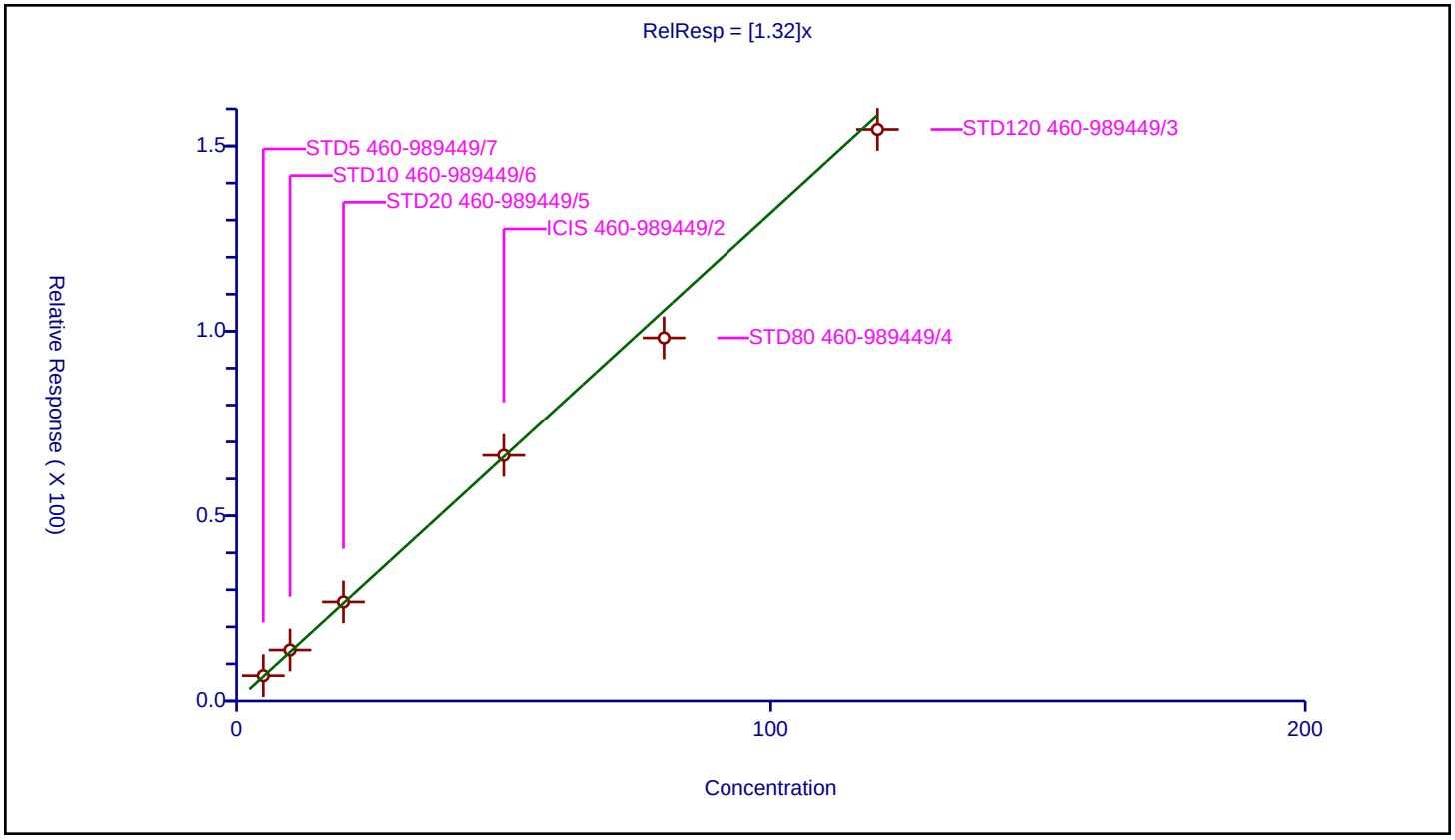
Curve Coefficients

Intercept:	0
Slope:	1.32

Error Coefficients

Relative Standard Deviation:	4.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-989449/7	5.0	6.824126	40.0	1090232.0	1.364825	Y
2	STD10 460-989449/6	10.0	13.74713	40.0	1091099.0	1.374713	Y
3	STD20 460-989449/5	20.0	26.727934	40.0	951237.0	1.336397	Y
4	ICIS 460-989449/2	50.0	66.358194	40.0	1036549.0	1.327164	Y
5	STD80 460-989449/4	80.0	98.189968	40.0	1145869.0	1.227375	Y
6	STD120 460-989449/3	120.0	154.465445	40.0	1117257.0	1.287212	Y



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Calibration / Bisphenol-A

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

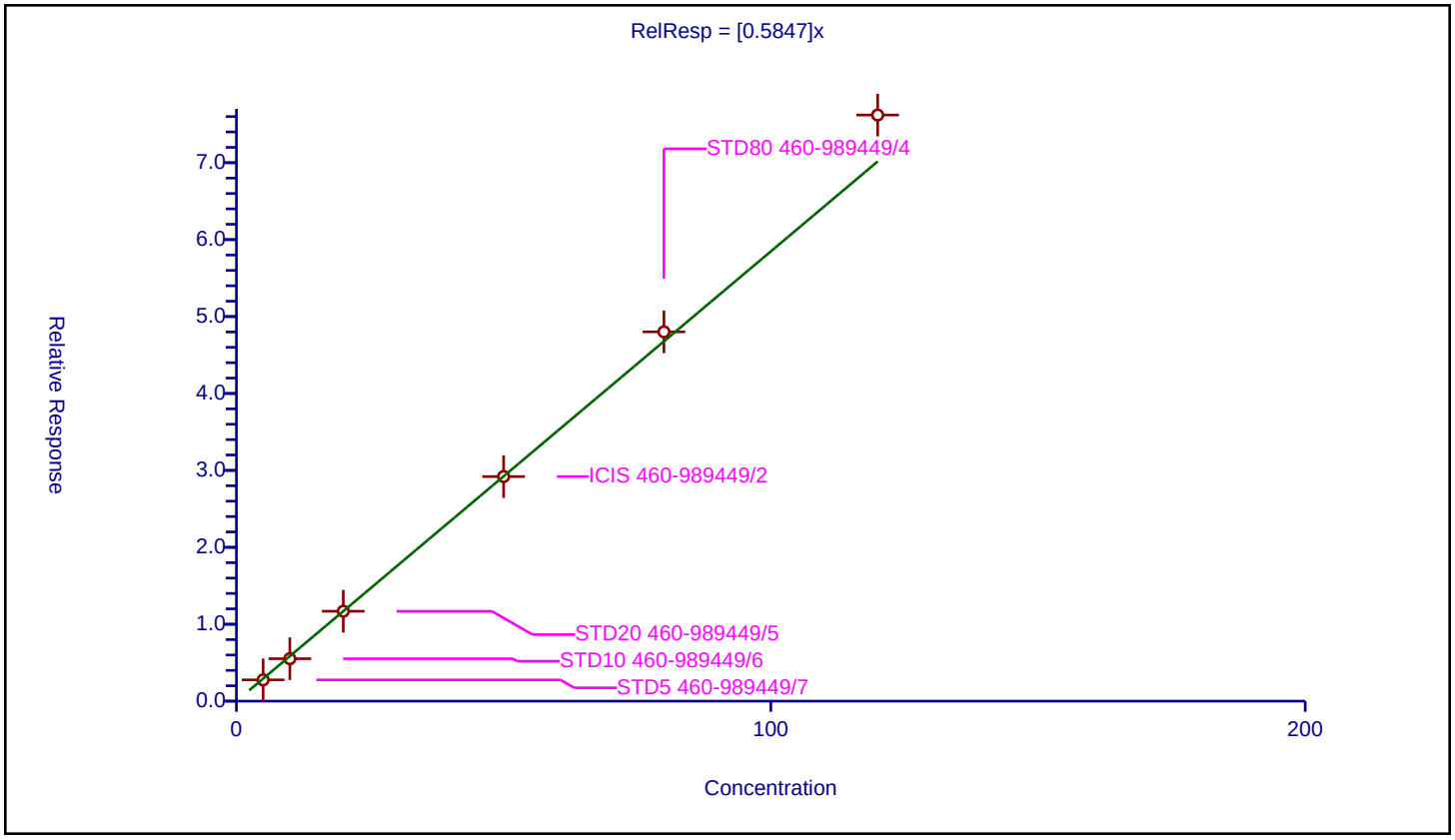
Curve Coefficients

Intercept:	0
Slope:	0.5847

Error Coefficients

Relative Standard Deviation:	5.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-989449/7	5.0	2.766127	40.0	1090232.0	0.553225	Y
2	STD10 460-989449/6	10.0	5.516236	40.0	1091099.0	0.551624	Y
3	STD20 460-989449/5	20.0	11.687182	40.0	951237.0	0.584359	Y
4	ICIS 460-989449/2	50.0	29.195224	40.0	1036549.0	0.583904	Y
5	STD80 460-989449/4	80.0	48.013621	40.0	1145869.0	0.60017	Y
6	STD120 460-989449/3	120.0	76.198583	40.0	1117257.0	0.634988	Y



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Calibration / Terphenyl-d14

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

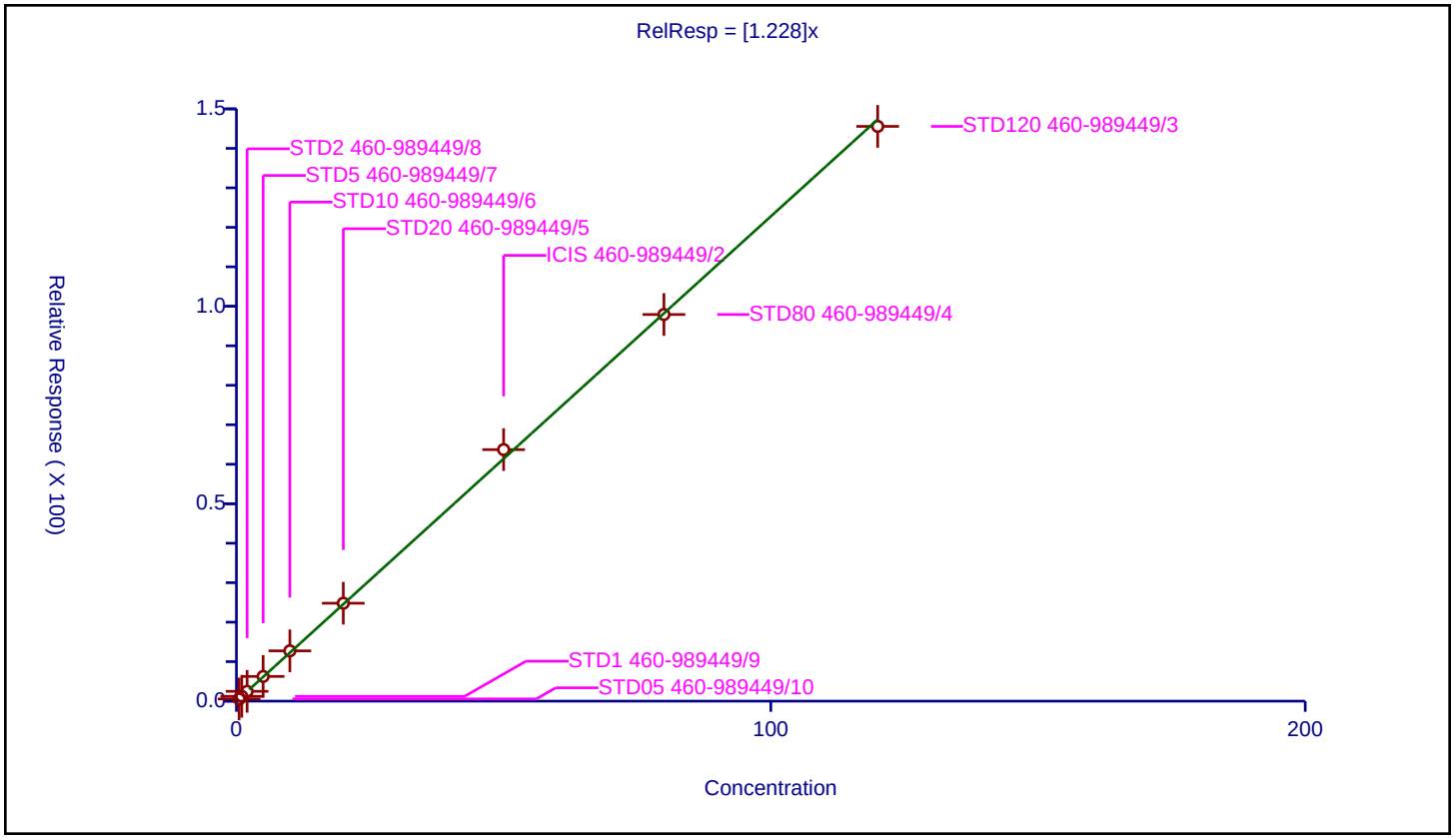
Curve Coefficients

Intercept:	0
Slope:	1.228

Error Coefficients

Relative Standard Deviation:	4.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-989449/10	0.5	0.554582	40.0	1002701.0	1.109164	Y
2	STD1 460-989449/9	1.0	1.221875	40.0	992802.0	1.221875	Y
3	STD2 460-989449/8	2.0	2.484305	40.0	960977.0	1.242153	Y
4	STD5 460-989449/7	5.0	6.254779	40.0	1090232.0	1.250956	Y
5	STD10 460-989449/6	10.0	12.741025	40.0	1091099.0	1.274103	Y
6	STD20 460-989449/5	20.0	24.798531	40.0	951237.0	1.239927	Y
7	ICIS 460-989449/2	50.0	63.703231	40.0	1036549.0	1.274065	Y
8	STD80 460-989449/4	80.0	97.92547	40.0	1145869.0	1.224068	Y
9	STD120 460-989449/3	120.0	145.565792	40.0	1117257.0	1.213048	Y



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Calibration / Butyl benzyl phthalate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

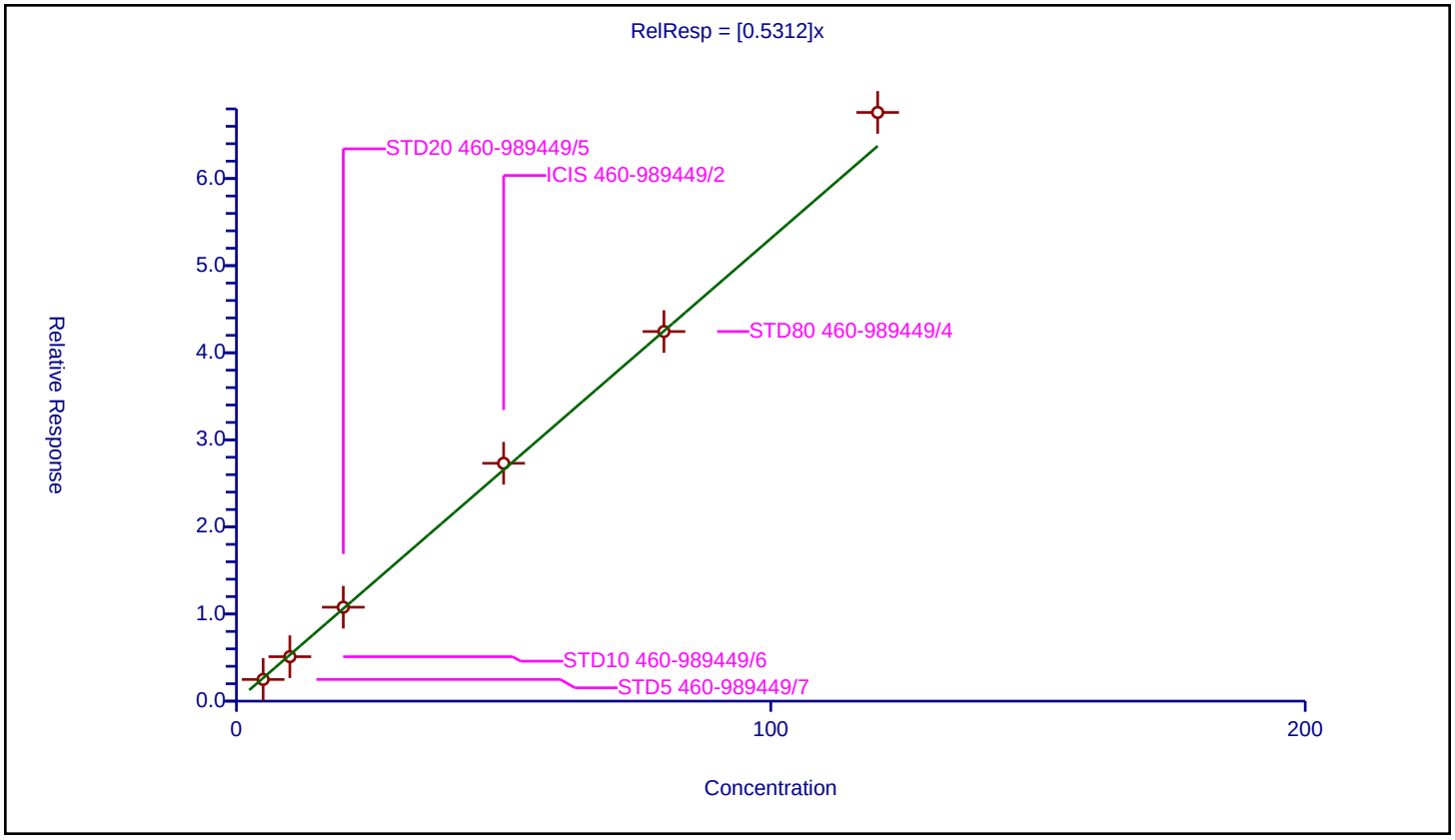
Curve Coefficients

Intercept:	0
Slope:	0.5312

Error Coefficients

Relative Standard Deviation:	4.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-989449/7	5.0	2.488718	40.0	1090232.0	0.497744	Y
2	STD10 460-989449/6	10.0	5.101132	40.0	1091099.0	0.510113	Y
3	STD20 460-989449/5	20.0	10.783559	40.0	951237.0	0.539178	Y
4	ICIS 460-989449/2	50.0	27.310701	40.0	1036549.0	0.546214	Y
5	STD80 460-989449/4	80.0	42.437696	40.0	1145869.0	0.530471	Y
6	STD120 460-989449/3	120.0	67.593615	40.0	1117257.0	0.56328	Y



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Calibration / 2,3,7,8-TCDD

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

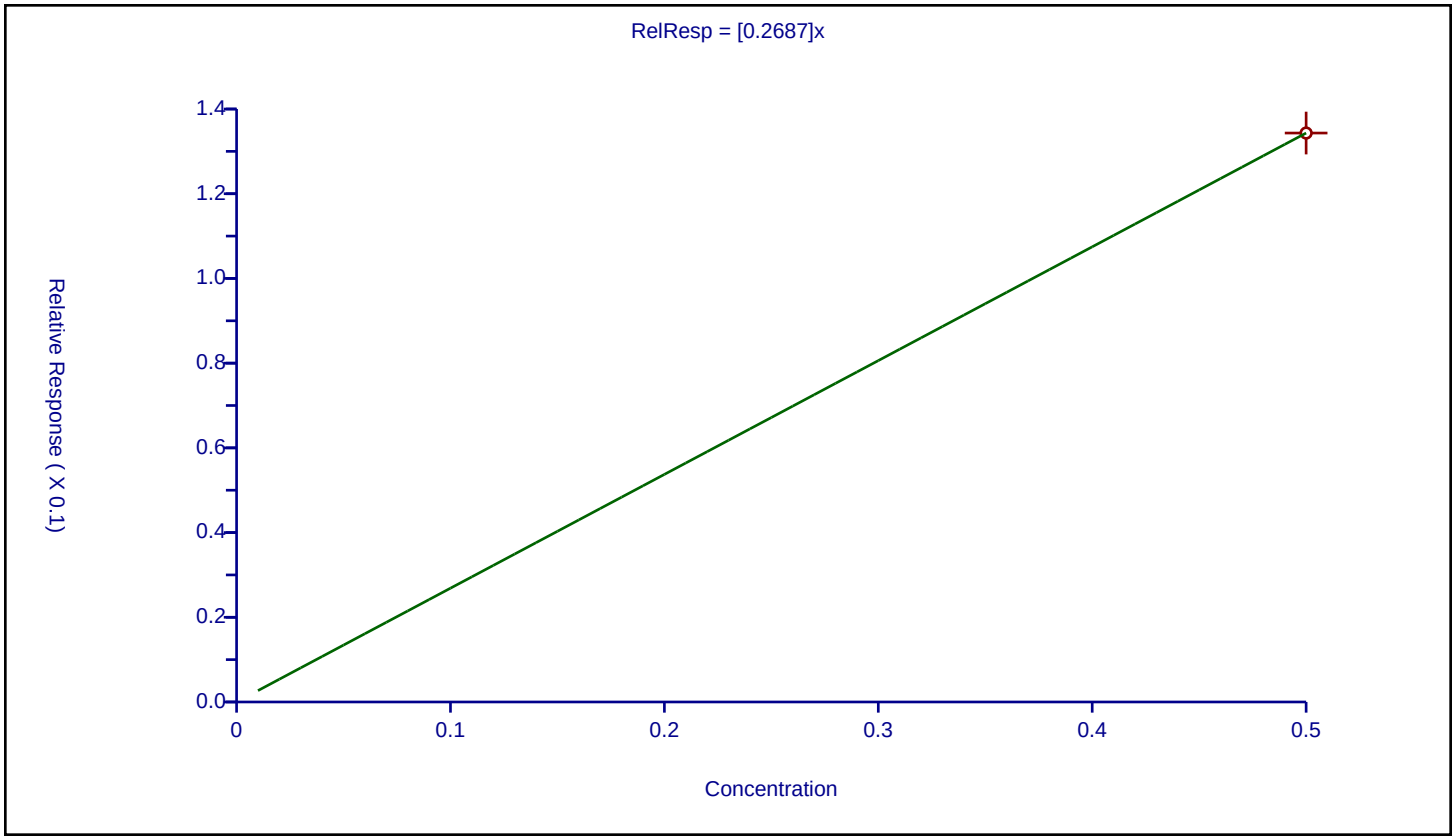
Curve Coefficients

Intercept:	0
Slope:	0.2687

Error Coefficients

Relative Standard Deviation:	0.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	ICIS 460-989449/2	0.5	0.13433	40.0	1036549.0	0.268661	Y



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Calibration / Carbamazepine

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

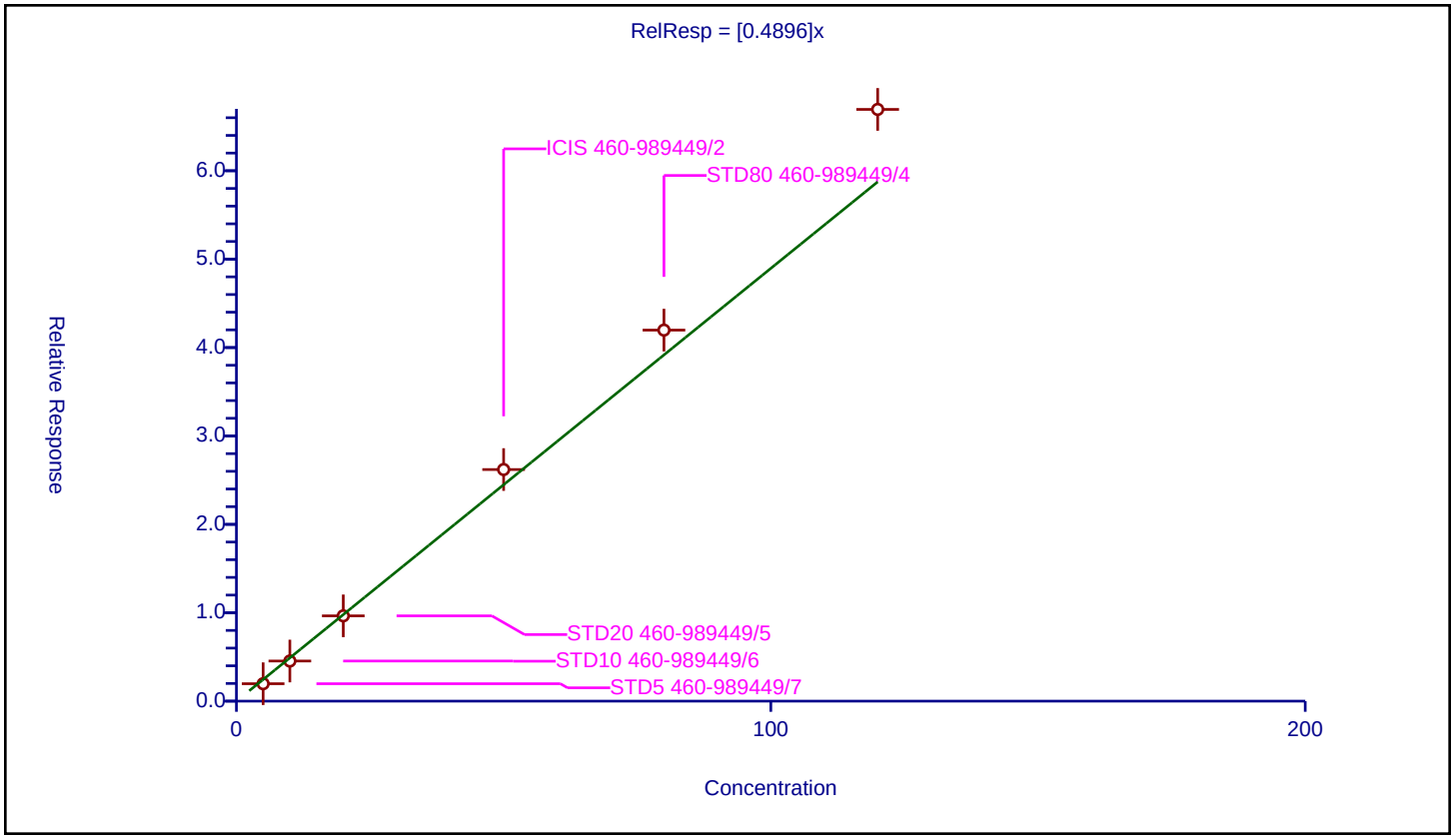
Curve Coefficients

Intercept:	0
Slope:	0.4896

Error Coefficients

Relative Standard Deviation:	12.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-989449/7	5.0	1.972754	40.0	1090232.0	0.394551	Y
2	STD10 460-989449/6	10.0	4.538323	40.0	1091099.0	0.453832	Y
3	STD20 460-989449/5	20.0	9.649919	40.0	951237.0	0.482496	Y
4	ICIS 460-989449/2	50.0	26.201173	40.0	1036549.0	0.524023	Y
5	STD80 460-989449/4	80.0	41.973175	40.0	1145869.0	0.524665	Y
6	STD120 460-989449/3	120.0	66.940588	40.0	1117257.0	0.557838	Y



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1:05:41 PM

Calibration / 3,3'-Dichlorobenzidine

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

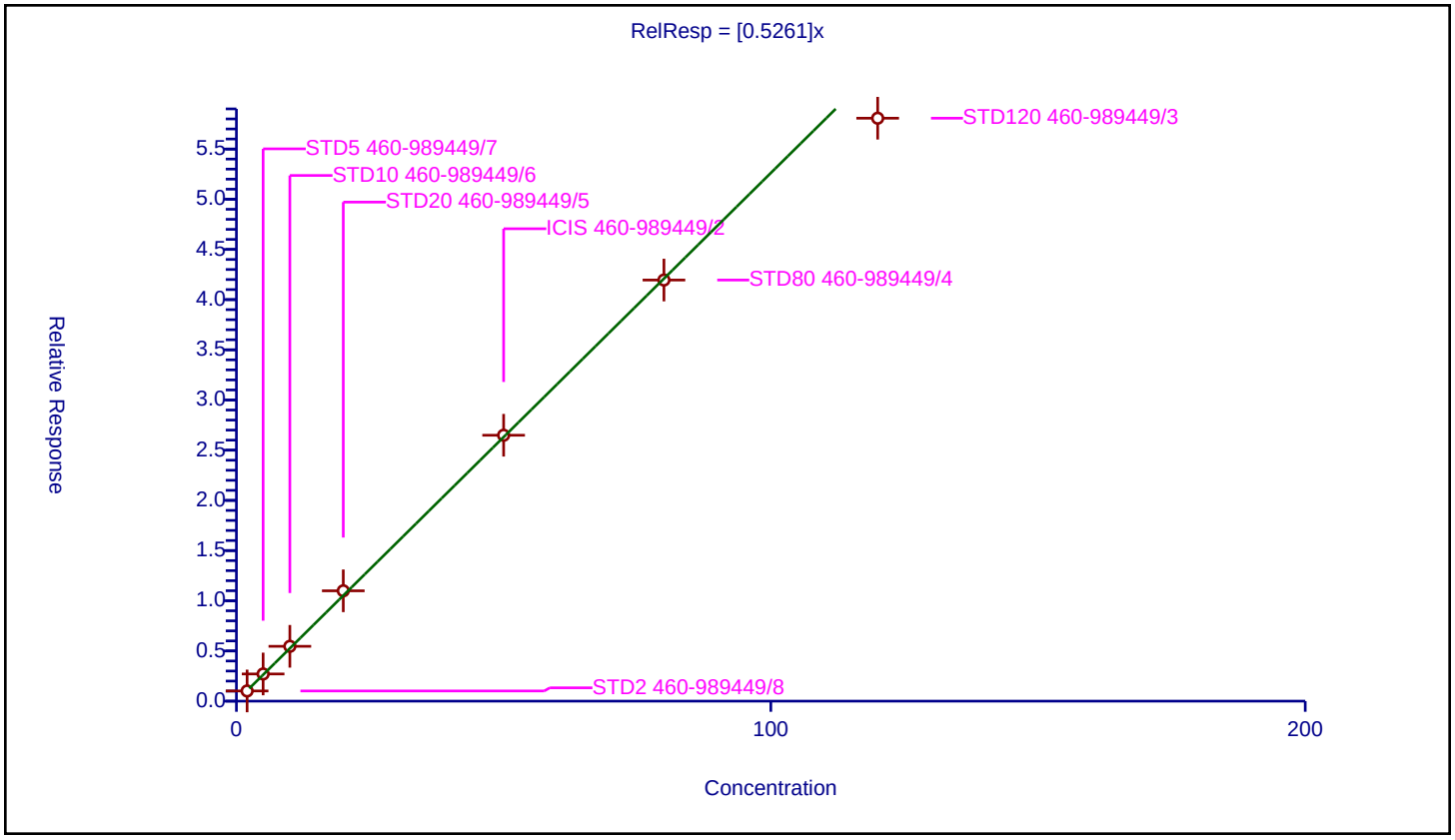
Curve Coefficients

Intercept:	0
Slope:	0.5261

Error Coefficients

Relative Standard Deviation:	4.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD2 460-989449/8	2.0	1.015258	40.0	960977.0	0.507629	Y
2	STD5 460-989449/7	5.0	2.707204	40.0	1090232.0	0.541441	Y
3	STD10 460-989449/6	10.0	5.462382	40.0	1091099.0	0.546238	Y
4	STD20 460-989449/5	20.0	10.991372	40.0	951237.0	0.549569	Y
5	ICIS 460-989449/2	50.0	26.489013	40.0	1036549.0	0.52978	Y
6	STD80 460-989449/4	80.0	41.949961	40.0	1145869.0	0.524375	Y
7	STD120 460-989449/3	120.0	58.071115	40.0	1117257.0	0.483926	Y



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Calibration / Benzo[a]anthracene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

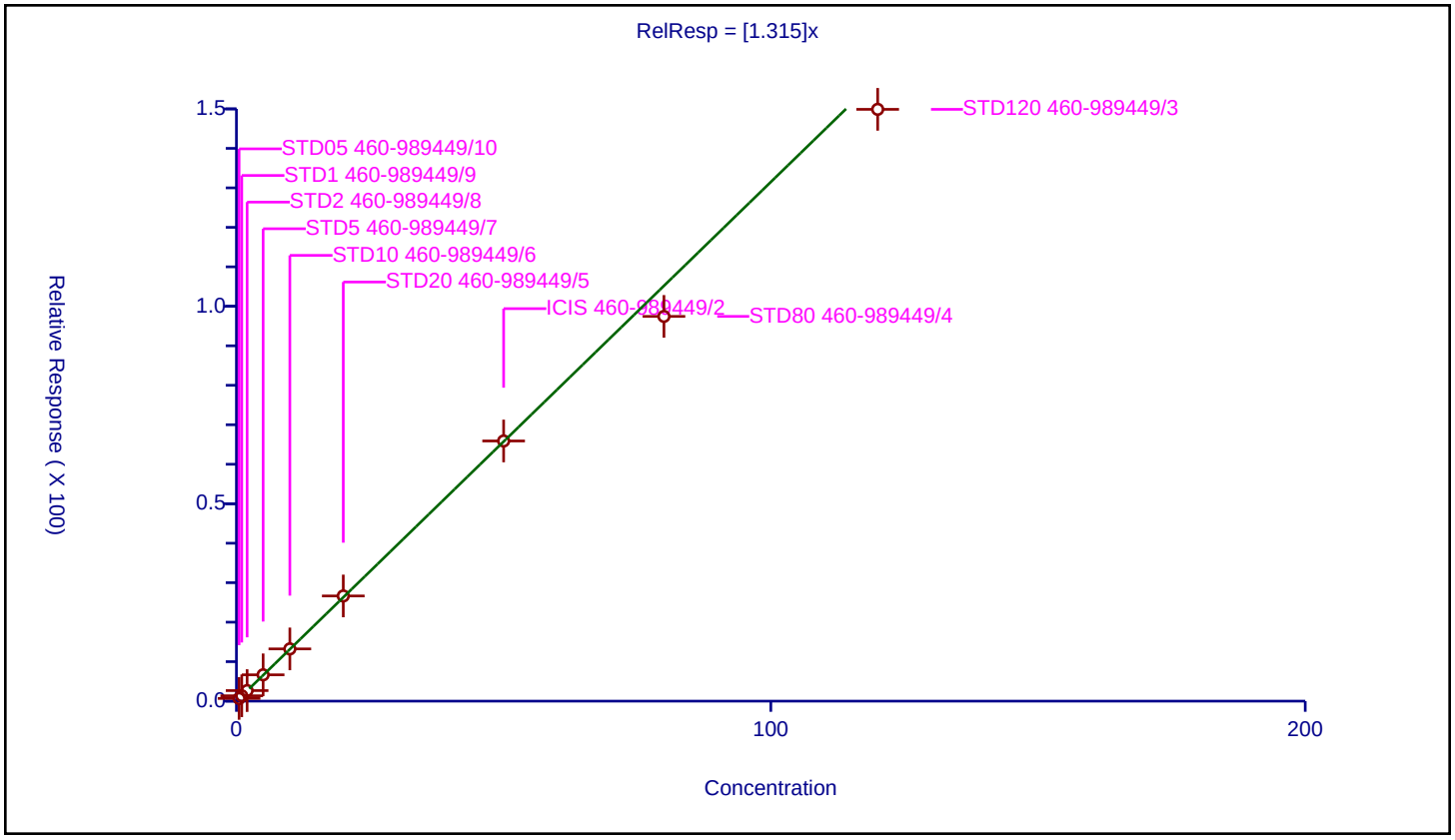
Curve Coefficients

Intercept:	0
Slope:	1.315

Error Coefficients

Relative Standard Deviation:	3.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-989449/10	0.5	0.681798	40.0	1002701.0	1.363597	Y
2	STD1 460-989449/9	1.0	1.357934	40.0	992802.0	1.357934	Y
3	STD2 460-989449/8	2.0	2.6774	40.0	960977.0	1.3387	Y
4	STD5 460-989449/7	5.0	6.665737	40.0	1090232.0	1.333147	Y
5	STD10 460-989449/6	10.0	13.229157	40.0	1091099.0	1.322916	Y
6	STD20 460-989449/5	20.0	26.645347	40.0	951237.0	1.332267	Y
7	ICIS 460-989449/2	50.0	65.893614	40.0	1036549.0	1.317872	Y
8	STD80 460-989449/4	80.0	97.441226	40.0	1145869.0	1.218015	Y
9	STD120 460-989449/3	120.0	149.883259	40.0	1117257.0	1.249027	Y



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Calibration / Chrysene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

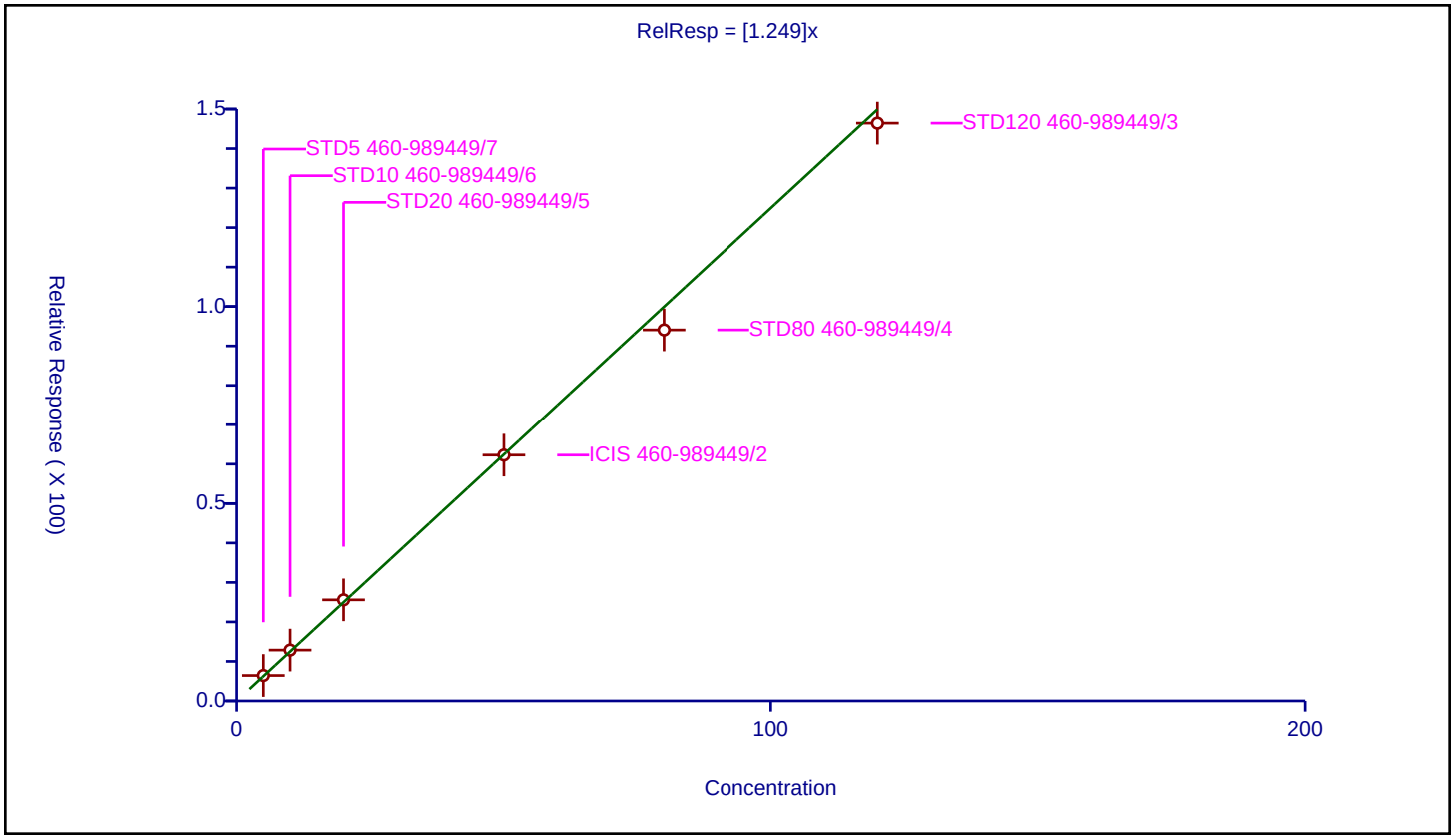
Curve Coefficients

Intercept:	0
Slope:	1.249

Error Coefficients

Relative Standard Deviation:	3.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-989449/7	5.0	6.434961	40.0	1090232.0	1.286992	Y
2	STD10 460-989449/6	10.0	12.870619	40.0	1091099.0	1.287062	Y
3	STD20 460-989449/5	20.0	25.588197	40.0	951237.0	1.27941	Y
4	ICIS 460-989449/2	50.0	62.294132	40.0	1036549.0	1.245883	Y
5	STD80 460-989449/4	80.0	94.06639	40.0	1145869.0	1.17583	Y
6	STD120 460-989449/3	120.0	146.437928	40.0	1117257.0	1.220316	Y



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Calibration / Bis(2-ethylhexyl) phthalate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

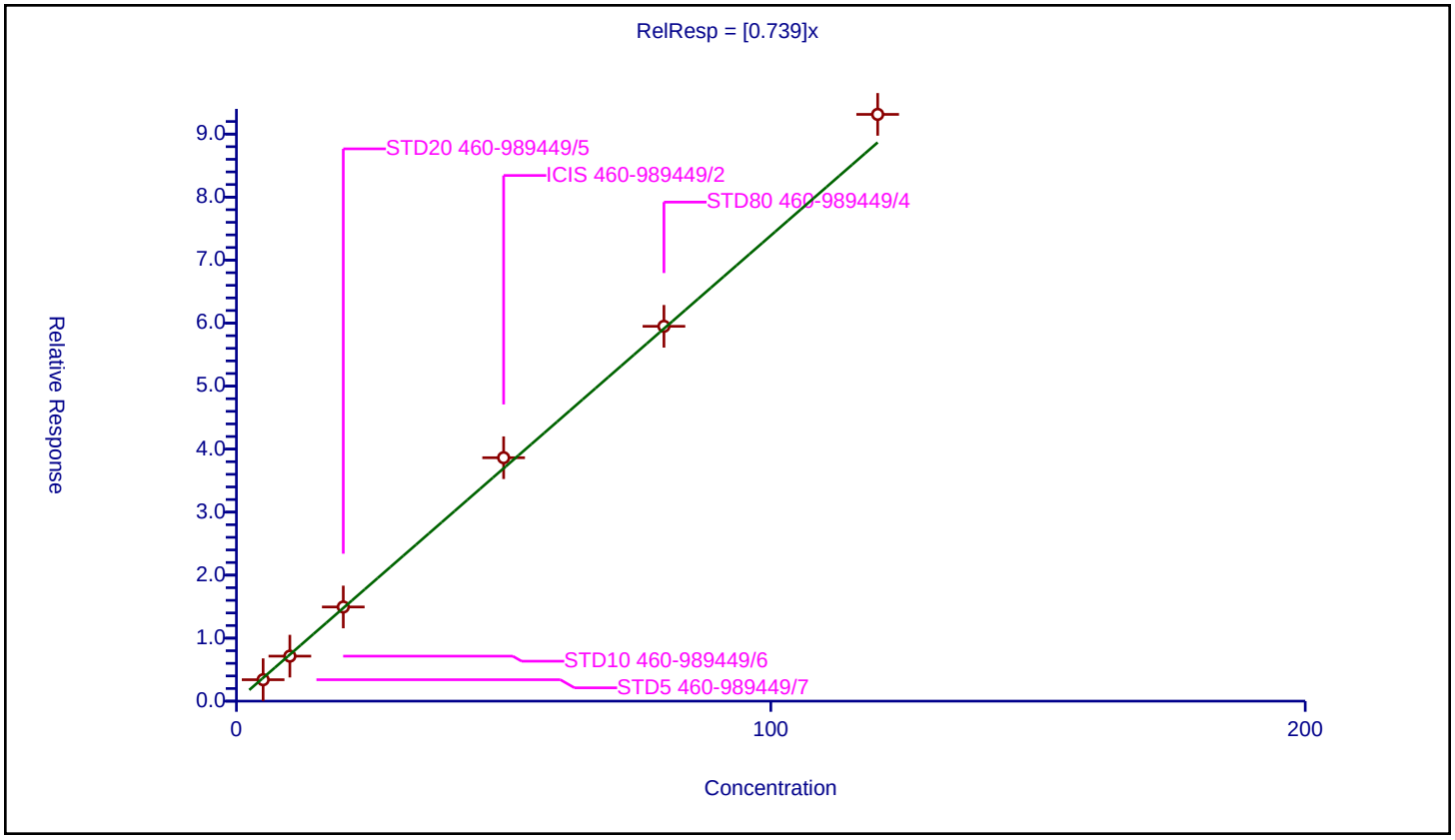
Curve Coefficients

Intercept:	0
Slope:	0.739

Error Coefficients

Relative Standard Deviation:	4.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-989449/7	5.0	3.400157	40.0	1090232.0	0.680031	Y
2	STD10 460-989449/6	10.0	7.14234	40.0	1091099.0	0.714234	Y
3	STD20 460-989449/5	20.0	14.946139	40.0	951237.0	0.747307	Y
4	ICIS 460-989449/2	50.0	38.633311	40.0	1036549.0	0.772666	Y
5	STD80 460-989449/4	80.0	59.49441	40.0	1145869.0	0.74368	Y
6	STD120 460-989449/3	120.0	93.127615	40.0	1117257.0	0.776063	Y



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Calibration / Di-n-octyl phthalate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

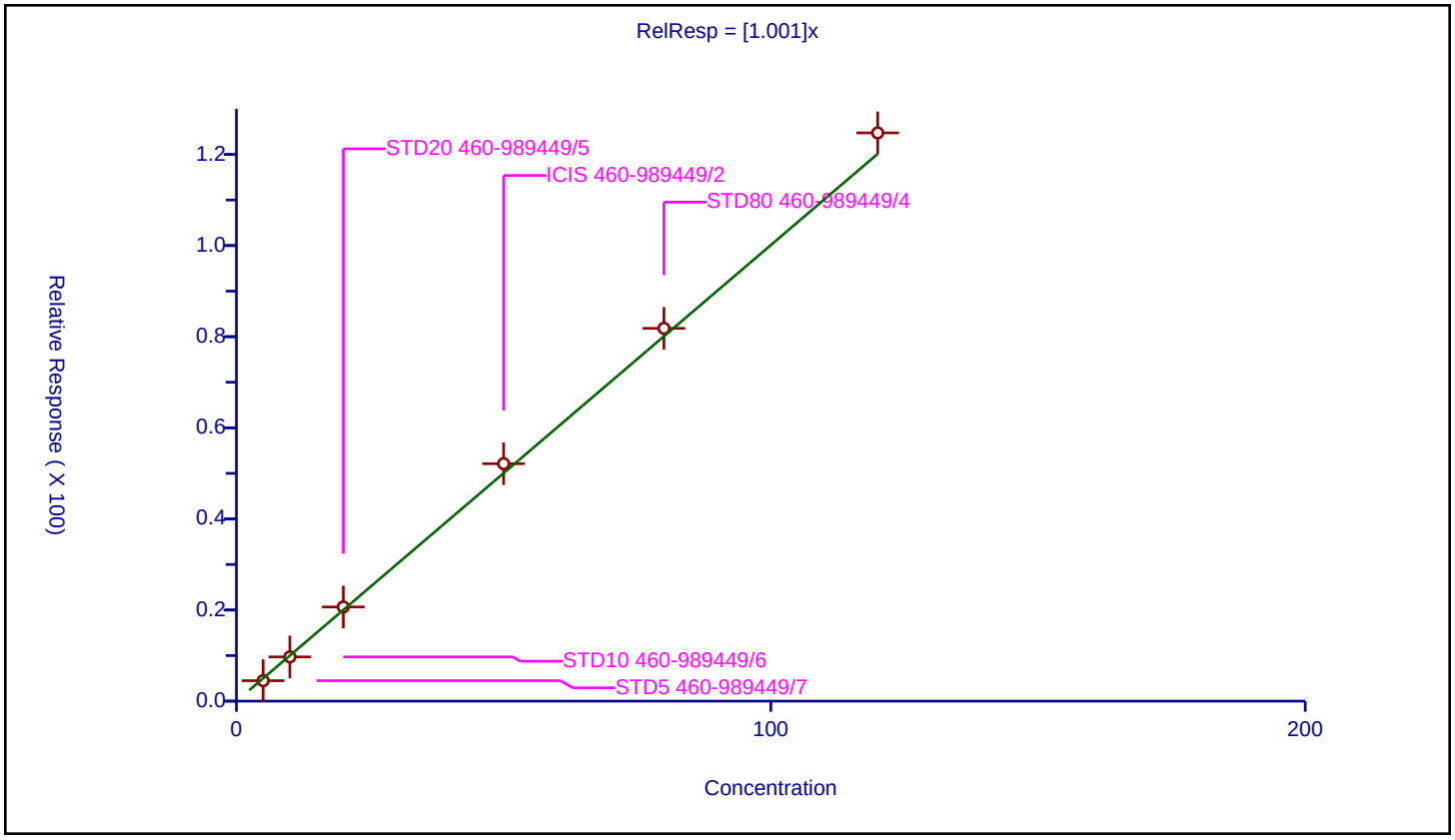
Curve Coefficients

Intercept:	0
Slope:	1.001

Error Coefficients

Relative Standard Deviation:	5.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-989449/7	5.0	4.485708	40.0	1282589.0	0.897142	Y
2	STD10 460-989449/6	10.0	9.708077	40.0	1284757.0	0.970808	Y
3	STD20 460-989449/5	20.0	20.670867	40.0	1127496.0	1.033543	Y
4	ICIS 460-989449/2	50.0	52.120226	40.0	1258234.0	1.042405	Y
5	STD80 460-989449/4	80.0	81.827651	40.0	1379716.0	1.022846	Y
6	STD120 460-989449/3	120.0	124.729811	40.0	1377797.0	1.039415	Y



Calibration / Benzo[b]fluoranthene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

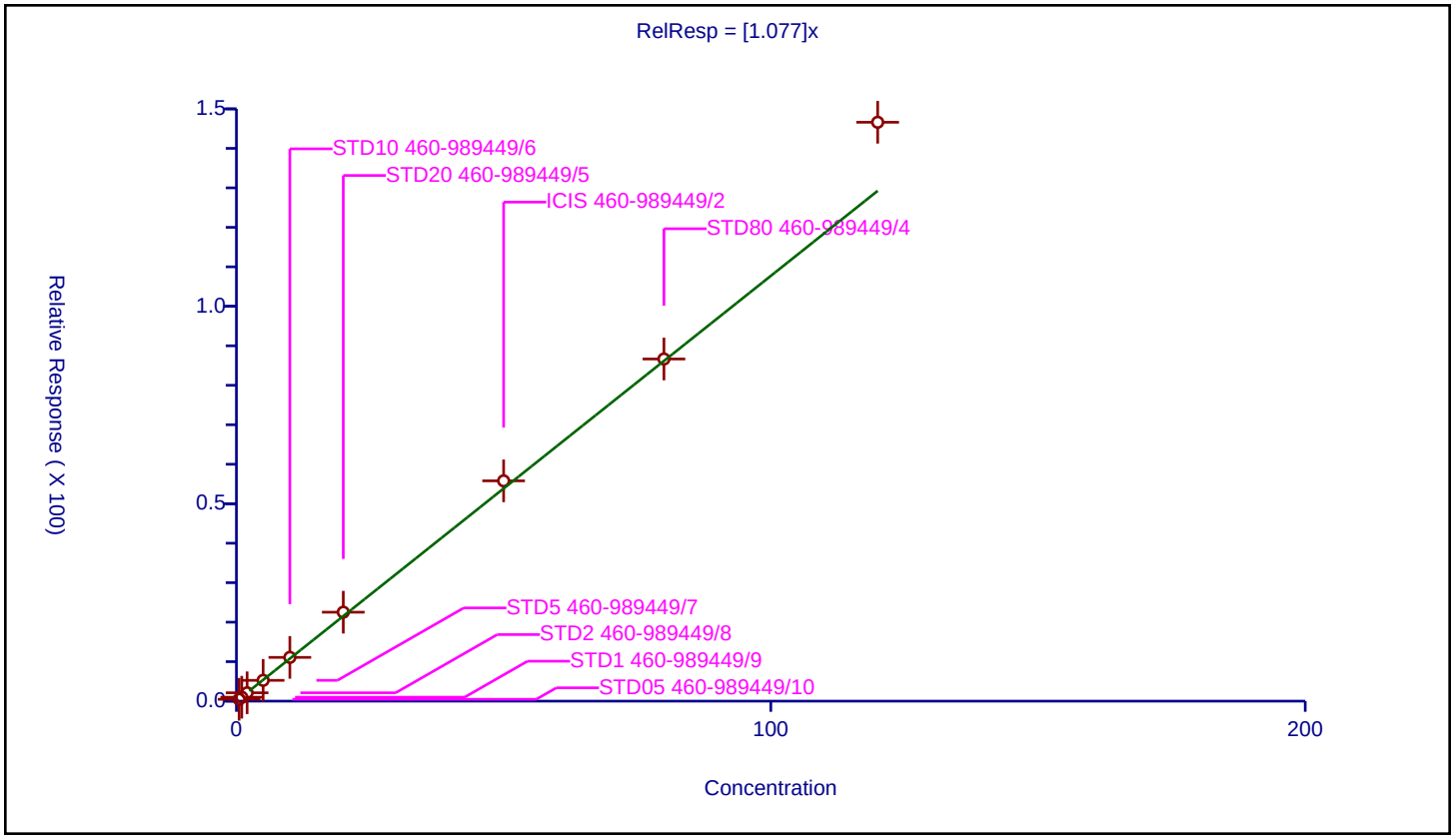
Curve Coefficients

Intercept:	0
Slope:	1.077

Error Coefficients

Relative Standard Deviation:	7.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-989449/10	0.5	0.465583	40.0	1173411.0	0.931166	Y
2	STD1 460-989449/9	1.0	0.995936	40.0	1158147.0	0.995936	Y
3	STD2 460-989449/8	2.0	2.115975	40.0	1124607.0	1.057987	Y
4	STD5 460-989449/7	5.0	5.265132	40.0	1282589.0	1.053026	Y
5	STD10 460-989449/6	10.0	11.082936	40.0	1284757.0	1.108294	Y
6	STD20 460-989449/5	20.0	22.526093	40.0	1127496.0	1.126305	Y
7	ICIS 460-989449/2	50.0	55.794932	40.0	1258234.0	1.115899	Y
8	STD80 460-989449/4	80.0	86.656384	40.0	1379716.0	1.083205	Y
9	STD120 460-989449/3	120.0	146.611322	40.0	1377797.0	1.221761	Y



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Calibration / Benzo[k]fluoranthene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

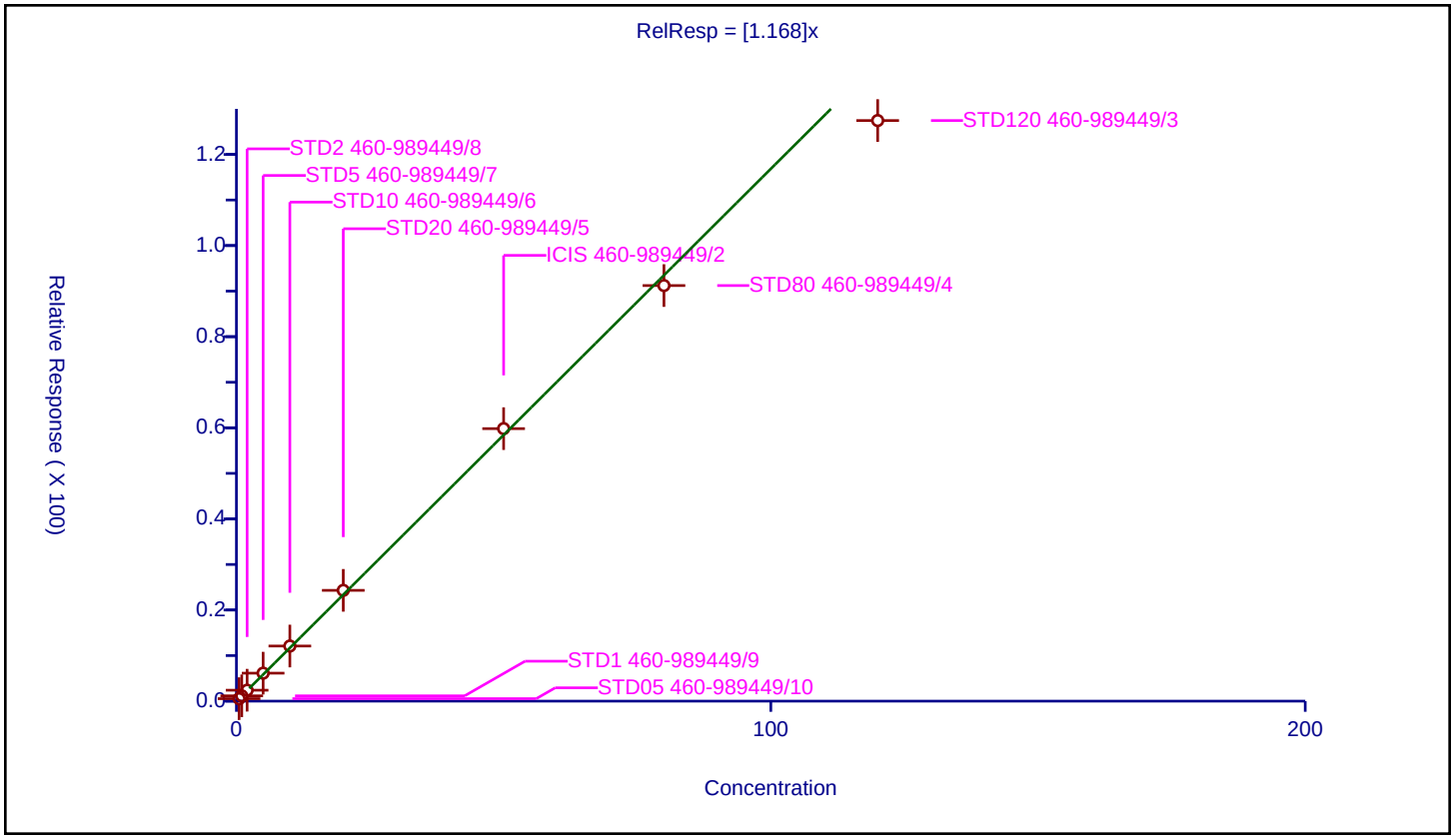
Curve Coefficients

Intercept:	0
Slope:	1.168

Error Coefficients

Relative Standard Deviation:	5.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-989449/10	0.5	0.547736	40.0	1173411.0	1.095473	Y
2	STD1 460-989449/9	1.0	1.167313	40.0	1158147.0	1.167313	Y
3	STD2 460-989449/8	2.0	2.399807	40.0	1124607.0	1.199904	Y
4	STD5 460-989449/7	5.0	6.144291	40.0	1282589.0	1.228858	Y
5	STD10 460-989449/6	10.0	12.098724	40.0	1284757.0	1.209872	Y
6	STD20 460-989449/5	20.0	24.319944	40.0	1127496.0	1.215997	Y
7	ICIS 460-989449/2	50.0	59.81749	40.0	1258234.0	1.19635	Y
8	STD80 460-989449/4	80.0	91.221411	40.0	1379716.0	1.140268	Y
9	STD120 460-989449/3	120.0	127.442199	40.0	1377797.0	1.062018	Y



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Calibration / Benzo[a]pyrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

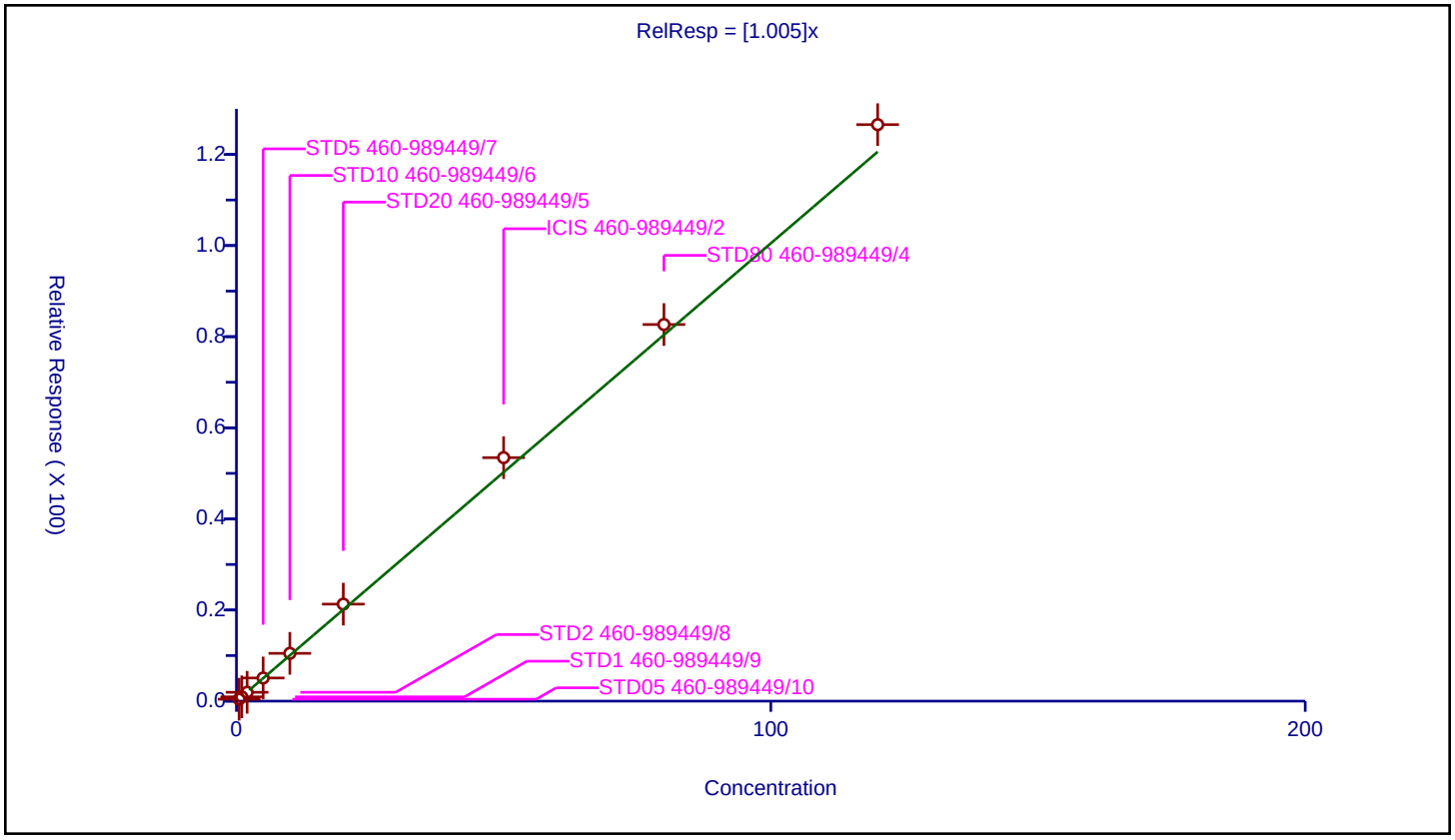
Curve Coefficients

Intercept:	0
Slope:	1.005

Error Coefficients

Relative Standard Deviation:	7.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-989449/10	0.5	0.421847	40.0	1173411.0	0.843694	Y
2	STD1 460-989449/9	1.0	0.941228	40.0	1158147.0	0.941228	Y
3	STD2 460-989449/8	2.0	1.943719	40.0	1124607.0	0.97186	Y
4	STD5 460-989449/7	5.0	5.083561	40.0	1282589.0	1.016712	Y
5	STD10 460-989449/6	10.0	10.488894	40.0	1284757.0	1.048889	Y
6	STD20 460-989449/5	20.0	21.296111	40.0	1127496.0	1.064806	Y
7	ICIS 460-989449/2	50.0	53.449454	40.0	1258234.0	1.068989	Y
8	STD80 460-989449/4	80.0	82.667505	40.0	1379716.0	1.033344	Y
9	STD120 460-989449/3	120.0	126.542009	40.0	1377797.0	1.054517	Y



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Calibration / Indeno[1,2,3-cd]pyrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

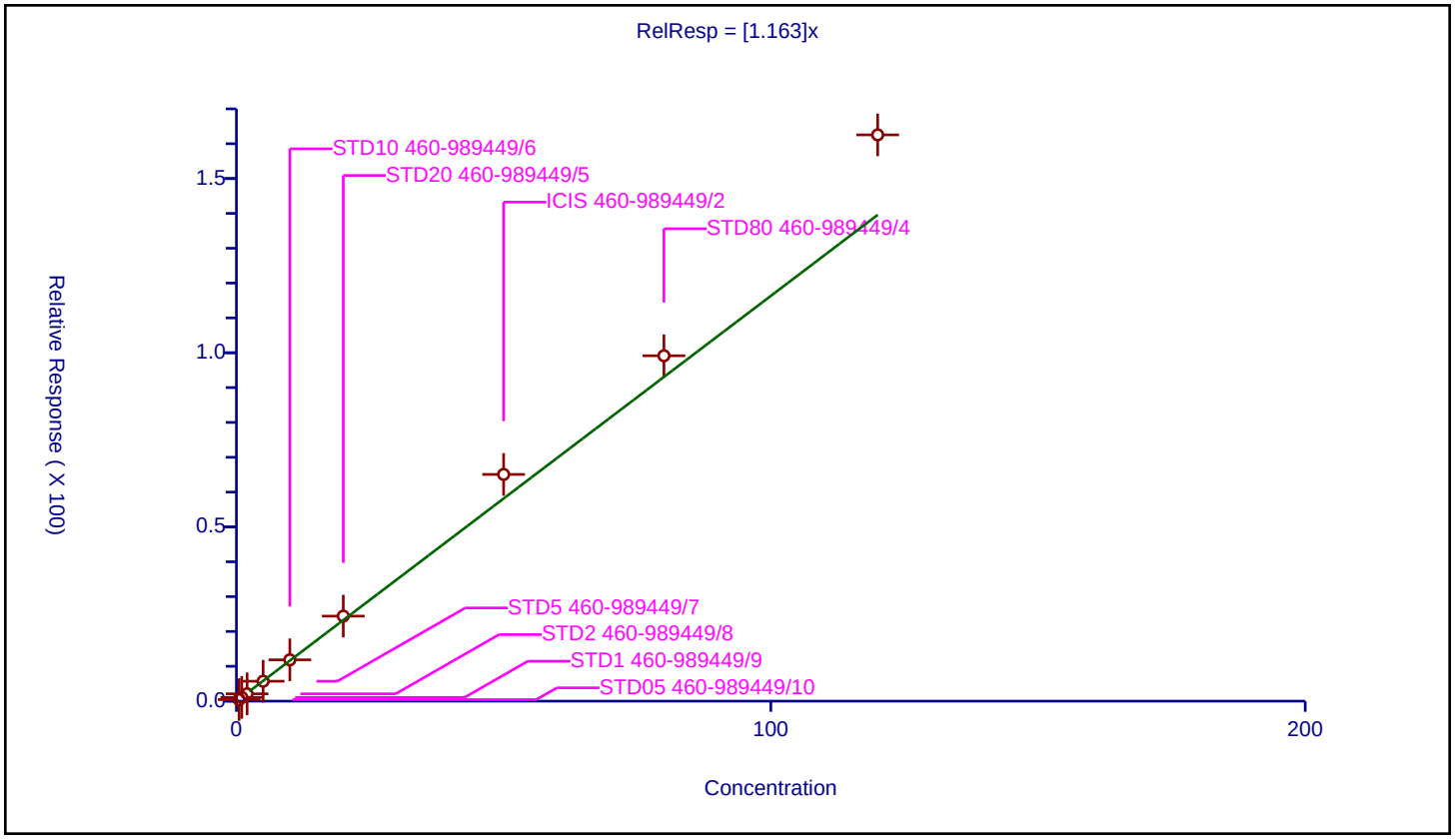
Curve Coefficients

Intercept:	0
Slope:	1.163

Error Coefficients

Relative Standard Deviation:	12.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-989449/10	0.5	0.446186	40.0	1173411.0	0.892373	Y
2	STD1 460-989449/9	1.0	1.076893	40.0	1158147.0	1.076893	Y
3	STD2 460-989449/8	2.0	2.108043	40.0	1124607.0	1.054022	Y
4	STD5 460-989449/7	5.0	5.717654	40.0	1282589.0	1.143531	Y
5	STD10 460-989449/6	10.0	11.860422	40.0	1284757.0	1.186042	Y
6	STD20 460-989449/5	20.0	24.40853	40.0	1127496.0	1.220427	Y
7	ICIS 460-989449/2	50.0	65.077307	40.0	1258234.0	1.301546	Y
8	STD80 460-989449/4	80.0	99.140983	40.0	1379716.0	1.239262	Y
9	STD120 460-989449/3	120.0	162.540171	40.0	1377797.0	1.354501	Y



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Calibration / Dibenz(a,h)anthracene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

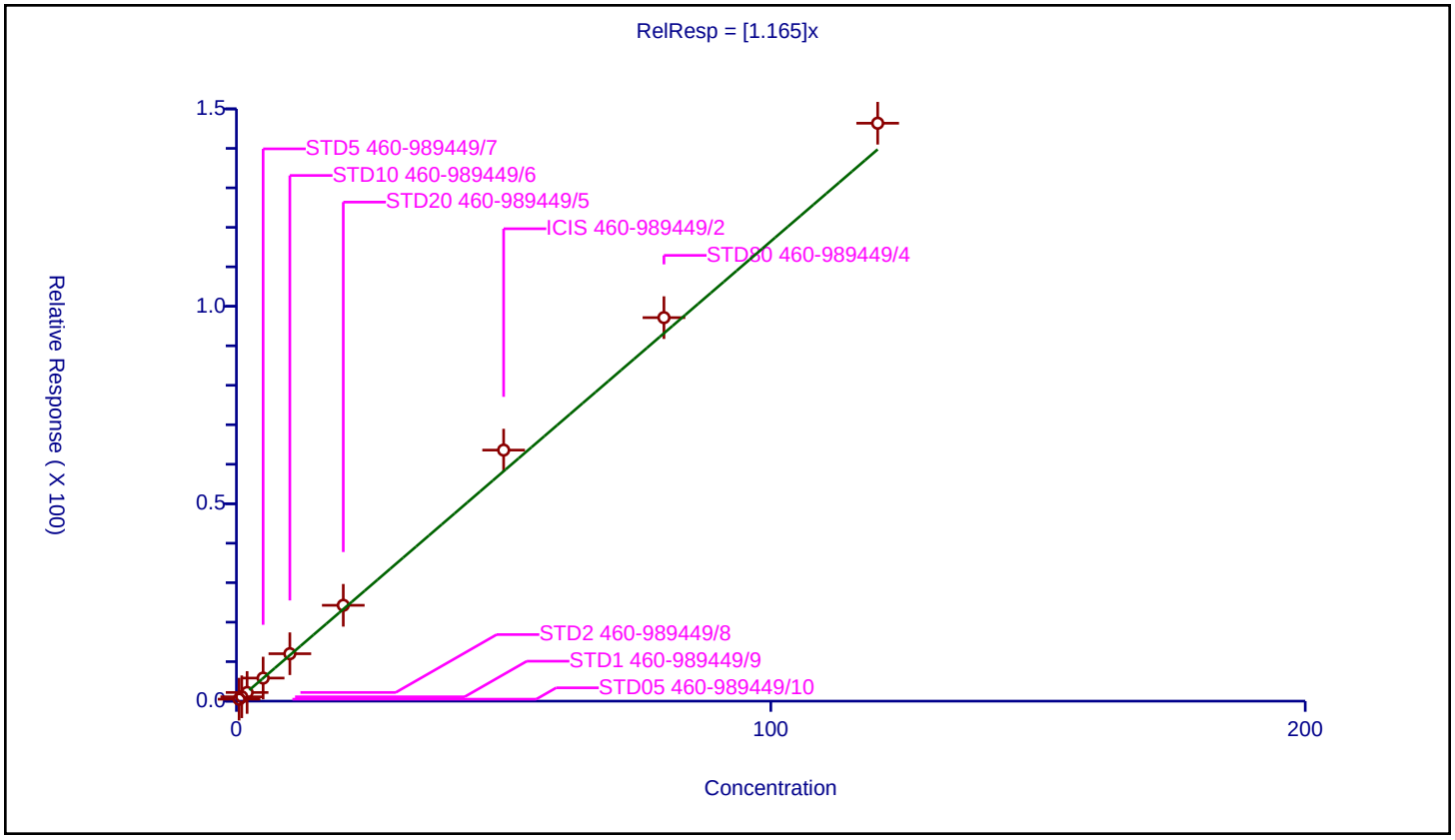
Curve Coefficients

Intercept:	0
Slope:	1.165

Error Coefficients

Relative Standard Deviation:	7.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-989449/10	0.5	0.495547	40.0	1173411.0	0.991093	Y
2	STD1 460-989449/9	1.0	1.101691	40.0	1158147.0	1.101691	Y
3	STD2 460-989449/8	2.0	2.198635	40.0	1124607.0	1.099317	Y
4	STD5 460-989449/7	5.0	5.843431	40.0	1282589.0	1.168686	Y
5	STD10 460-989449/6	10.0	12.010302	40.0	1284757.0	1.20103	Y
6	STD20 460-989449/5	20.0	24.274463	40.0	1127496.0	1.213723	Y
7	ICIS 460-989449/2	50.0	63.581528	40.0	1258234.0	1.271631	Y
8	STD80 460-989449/4	80.0	97.134164	40.0	1379716.0	1.214177	Y
9	STD120 460-989449/3	120.0	146.371287	40.0	1377797.0	1.219761	Y



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Calibration / Benzo[g,h,i]perylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

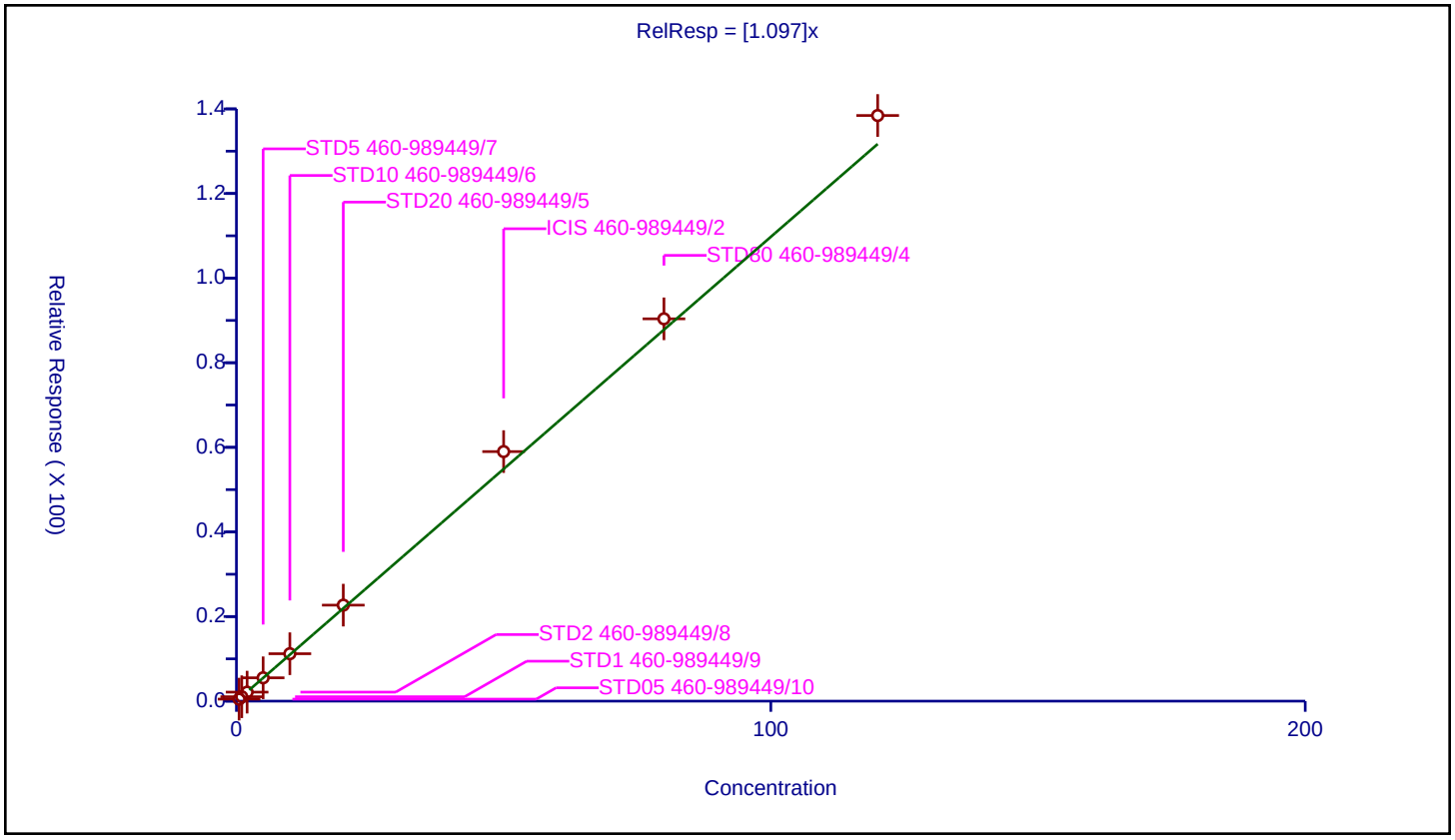
Curve Coefficients

Intercept:	0
Slope:	1.097

Error Coefficients

Relative Standard Deviation:	6.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-989449/10	0.5	0.47223	40.0	1173411.0	0.94446	Y
2	STD1 460-989449/9	1.0	1.04384	40.0	1158147.0	1.04384	Y
3	STD2 460-989449/8	2.0	2.132941	40.0	1124607.0	1.06647	Y
4	STD5 460-989449/7	5.0	5.52021	40.0	1282589.0	1.104042	Y
5	STD10 460-989449/6	10.0	11.209435	40.0	1284757.0	1.120943	Y
6	STD20 460-989449/5	20.0	22.69177	40.0	1127496.0	1.134589	Y
7	ICIS 460-989449/2	50.0	58.990172	40.0	1258234.0	1.179803	Y
8	STD80 460-989449/4	80.0	90.37312	40.0	1379716.0	1.129664	Y
9	STD120 460-989449/3	120.0	138.435401	40.0	1377797.0	1.153628	Y



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FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-309671-1 Analy Batch No.: 987932

SDG No.:

Instrument ID: CBNAMS15 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/30/2024 12:10 Calibration End Date: 07/30/2024 14:30 Calibration ID: 98245

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD05 460-987932/10	f62120.D
Level 2	STD1 460-987932/9	f62119.D
Level 3	STD2 460-987932/8	f62118.D
Level 4	STD5 460-987932/7	f62117.D
Level 5	STD10 460-987932/6	f62116.D
Level 6	STD20 460-987932/5	f62115.D
Level 7	ICIS 460-987932/2	f62112.D
Level 8	STD80 460-987932/4	f62114.D
Level 9	STD120 460-987932/3	f62113.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,4-Dioxane	0.6904 0.4756	0.6283 0.4575	0.6384 0.4555	0.4869 0.4733	0.4898	Ave		0.5329			0.0100	17.2		20.0			
N-Nitrosodimethylamine	0.6426	0.6303	0.6209	0.5856 0.6551	0.6136	Ave		0.6247			0.0100	3.9		20.0			
Pyridine	1.1365	1.0802 1.0643	1.0942 1.1033	1.0705 1.1572	1.0847	Ave		1.0989			0.0100	3.0		20.0			
Benzaldehyde	0.9161	0.9811 +++++	0.9596 +++++	0.9770 +++++	0.9519	Ave		0.9571			0.0100	2.7		20.0			
Phenol	1.4786	1.4947	1.4889	1.3494 1.5976	1.4021	Ave		1.4685			0.8000	5.8		20.0			
Aniline	1.7535	1.6809	1.6986	1.6264 1.7502	1.6624	Ave		1.6953			0.0100	2.9		20.0			
Bis(2-chloroethyl)ether	1.0432 1.1873	1.0748 1.2206	1.1598 1.1638	1.1517 1.2140	1.1562	Ave		1.1524			0.7000	5.1		20.0			
2-Chlorophenol	1.3382	1.3382	1.3055	1.2378 1.3619	1.2892	Ave		1.3118			0.8000	3.4		20.0			
n-Decane	0.9714	0.9976	0.9472	0.9739 0.9981	0.9571	Ave		0.9742			0.0100	2.1		20.0			
1,3-Dichlorobenzene	1.5297	1.5162	1.4536	1.4784 1.5327	1.4819	Ave		1.4988			0.0100	2.1		20.0			
1,4-Dichlorobenzene	1.5455	1.5280	1.4732	1.4781 1.5450	1.5197	Ave		1.5149			0.0100	2.1		20.0			
Benzyl alcohol	0.8289	0.8280	0.8229	0.7627 0.8698	0.7677	Ave		0.8133			0.0100	5.0		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-309671-1 Analy Batch No.: 987932

SDG No.:

Instrument ID: CBNAMS15 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/30/2024 12:10 Calibration End Date: 07/30/2024 14:30 Calibration ID: 98245

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,2-Dichlorobenzene	1.4602	1.4437	1.4107	1.4327 1.4631	1.4396	Ave		1.4417			0.0100	1.3		20.0			
2-Methylphenol	1.1164	1.1174	1.1025	1.0141 1.1504	1.0610	Ave		1.0936			0.7000	4.4		20.0			
2,2'-oxybis[1-chloropropane]	1.2577	1.2320	1.1854	1.1900 1.2117	1.2153	Ave		1.2154			0.0100	2.2		20.0			
N-Methylaniline	1.9350	1.9904	1.9180	1.8258 2.0213	1.8683	Ave		1.9265			0.0100	3.8		20.0			
Acetophenone	1.8658	1.8792	1.7955	1.7579 1.8418	1.7834	Ave		1.8206			0.0100	2.7		20.0			
3 & 4 Methylphenol	1.2826	1.3191	1.2656	1.1886 1.3174	1.2368	Ave		1.2683			0.0100	3.9		20.0			
4-Methylphenol	1.2826	1.3191	1.2656	1.1886 1.3174	1.2368	Ave		1.2683			0.6000	3.9		20.0			
N-Nitrosodi-n-propylamine	0.6035 0.7194	0.6102 0.7157	0.6699 0.6798	0.6754 0.7193	0.6867	Ave		0.6755			0.5000	6.4		20.0			
Hexachloroethane	0.5767 0.5793	0.5538 0.5631	0.5914 0.5472	0.5549 0.5727	0.5668	Ave		0.5673			0.3000	2.5		20.0			
Nitrobenzene	0.5233 0.6509	0.6045 0.6499	0.5847 0.6285	0.5876 0.6358	0.6217	Ave		0.6096			0.2000	6.6		20.0			
n,n'-Dimethylaniline	1.7186 2.0059	1.7696 1.9972	1.9585 1.9137	1.9392 1.9875	1.9667	Ave		1.9174			0.0100	5.4		20.0			
Isophorone	0.6154	0.6221	0.5746 0.6086	0.5935 0.6389	0.5986	Ave		0.6074			0.4000	3.4		20.0			
2-Nitrophenol	0.1807	0.1843	0.1848	0.1594 0.1929	0.1700	Ave		0.1787			0.1000	6.7		20.0			
2,4-Dimethylphenol	0.2514	0.2512	0.2557	0.2289 0.2666	0.2351	Ave		0.2481			0.2000	5.6		20.0			
Bis(2-chloroethoxy)methane	0.4038	0.4024	0.3930	0.3797 0.4187	0.3863	Ave		0.3973			0.3000	3.5		20.0			
Benzoic acid	0.2056	0.2067	0.2241	0.1256 0.2321	0.1710	Lin2	-0.525	0.2284			0.0100				0.9990		0.9900
2,4-Dichlorophenol	0.2923	0.2955	0.2324 0.2961	0.2685 0.3174	0.2769	Ave		0.2827			0.2000	9.6		20.0			
1,2,4-Trichlorobenzene	0.3260 0.3376	0.3363 0.3370	0.3384 0.3268	0.3347 0.3423	0.3354	Ave		0.3350			0.0100	1.6		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-309671-1 Analy Batch No.: 987932

SDG No.:

Instrument ID: CBNAMS15 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/30/2024 12:10 Calibration End Date: 07/30/2024 14:30 Calibration ID: 98245

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Naphthalene	1.0554	1.0368	1.0173	1.0231 0.9678	1.0367	Ave		1.0228			0.7000	2.9		20.0			
4-Chloroaniline	0.4223	0.4198	0.4129	0.3880 0.4377	0.3999	Ave		0.4134			0.0100	4.2		20.0			
2,6-Dichlorophenol						None											
Hexachlorobutadiene	0.2005	0.1918 0.1975	0.2150 0.1933	0.2008 0.2022	0.2010	Ave		0.2003			0.0100	3.5		20.0			
Caprolactam	0.0920	0.0719 +++++	0.0785 +++++	0.0849 +++++	0.0893	Ave		0.0833			0.0100	9.8		20.0			
4-Chloro-3-methylphenol	0.2736	0.2855	0.2886	0.2453 0.2948	0.2627	Ave		0.2751			0.2000	6.7		20.0			
2-Methylnaphthalene	0.7057	0.7038	0.6864	0.6710 0.7359	0.6873	Ave		0.6983			0.4000	3.2		20.0			
1-Methylnaphthalene	0.6472	0.6522	0.6366	0.6293 0.6420	0.6318	Ave		0.6398			0.0100	1.4		20.0			
Hexachlorocyclopentadiene	0.3110	0.3067	0.3151	0.2636 0.3116	0.2896	Ave		0.2996			0.0500	6.6		20.0			
1,2,4,5-Tetrachlorobenzene	0.6304	0.6447	0.6184	0.6270 0.6270	0.6208	Ave		0.6280			0.0100	1.5		20.0			
2-tertbutyl-4-methylphenol	0.4183	0.4170	0.4119	0.3968 0.4346	0.4132	Ave		0.4153			0.0100	2.9		20.0			
2,4,6-Trichlorophenol	0.4016	0.4121	0.3248 0.4023	0.3702 0.4395	0.3874	Ave		0.3911			0.2000	9.3		20.0			
2,4,5-Trichlorophenol	0.4241	0.4436	0.4217	0.3962 0.4510	0.4173	Ave		0.4257			0.2000	4.6		20.0			
1,1'-Biphenyl	1.5540	1.5990	1.5450	1.5129 1.4925	1.5290	Ave		1.5387			0.0100	2.4		20.0			
2-Chloronaphthalene	1.2021	1.2094	1.1690	1.1532 1.2183	1.1590	Ave		1.1852			0.8000	2.4		20.0			
Phenyl ether	0.8610	0.8884	0.8628	0.8726 0.8690	0.8609	Ave		0.8691			0.0100	1.2		20.0			
2-Nitroaniline	0.3693	0.3821	0.3813	0.3428 0.3943	0.3447	Ave		0.3691			0.0100	5.7		20.0			
1,3-Dimethylnaphthalene	0.9803	1.0112	0.9661	0.9621 0.9995	0.9669	Ave		0.9810			0.0100	2.1		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-309671-1 Analy Batch No.: 987932

SDG No.:

Instrument ID: CBNAMS15 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/30/2024 12:10 Calibration End Date: 07/30/2024 14:30 Calibration ID: 98245

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Dimethyl phthalate	1.3954	1.4155	1.3342	1.3594 1.3577	1.3727	Ave		1.3725			0.0100	2.1		20.0			
Coumarin	0.2565	0.2648	0.2601	0.2435 0.2672	0.2560	Ave		0.2580			0.0100	3.2		20.0			
2,6-Dinitrotoluene	0.2976	0.2465 0.2950	0.2447 0.3029	0.2628 0.3114	0.2744	Ave		0.2794			0.2000	9.3		20.0			
Acenaphthylene	1.8313	1.8367	1.8017	1.7720 1.7599	1.7884	Ave		1.7983			0.9000	1.7		20.0			
3-Nitroaniline	0.3217	0.3467	0.3255	0.3010 0.3380	0.3125	Ave		0.3242			0.0100	5.1		20.0			
Acenaphthene	1.1225	1.1449	1.1018	1.0882 1.1090	1.0942	Ave		1.1101			0.9000	1.9		20.0			
3,5-di-tert-butyl-4-hydroxytol	0.9804	0.9655	0.9502	0.8076 0.9967	0.9003	Ave		0.9335			0.0100	7.5		20.0			
2,4-Dinitrophenol	0.1673	0.1813	0.0666 0.1879	0.1072 0.1980	0.1367	Lin1	-0.704	0.1941			0.0100	13.2					0.9900
4-Nitrophenol	0.1910	0.2125	0.2144	0.1878 0.2210	0.1976	Ave		0.2040			0.0100	6.7		20.0			
2,4-Dinitrotoluene	0.4097	0.2899 0.4299	0.3282 0.4242	0.3598 0.4424	0.3795	Ave		0.3830			0.2000	14.1		20.0			
Dibenzofuran	1.7265	1.7435	1.6695	1.6845 1.6861	1.7257	Ave		1.7060			0.8000	1.7		20.0			
2,3,4,6-Tetrachlorophenol	0.3628	0.3722	0.3668	0.3494 0.3775	0.3442	Ave		0.3622			0.0100	3.6		20.0			
Diethyl phthalate	1.3798	1.4122	1.4122	1.4093 1.4179	1.3500	Ave		1.3969			0.0100	1.9		20.0			
Fluorene	1.3917	1.4220	1.3427	1.3410 1.3812	1.3597	Ave		1.3730			0.9000	2.3		20.0			
4-Chlorophenyl phenyl ether	0.6680	0.6686	0.6383	0.6463 0.6650	0.6563	Ave		0.6571			0.4000	1.9		20.0			
4-Nitroaniline	0.3457	0.3204	0.3231	0.3210 0.3363	0.3326	Ave		0.3299			0.0100	3.1		20.0			
4,6-Dinitro-2-methylphenol	0.1194	0.1260	0.0753 0.1285	0.0922 0.1442	0.1056	Lin2	-0.240	0.1283			0.0100				0.9920		0.9900
N-Nitrosodiphenylamine	0.5188	0.5216	0.5097	0.4934 0.5196	0.5008	Ave		0.5107			0.0100	2.3		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-309671-1 Analy Batch No.: 987932

SDG No.:

Instrument ID: CBNAMS15 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/30/2024 12:10 Calibration End Date: 07/30/2024 14:30 Calibration ID: 98245

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,2-Diphenylhydrazine	0.6636	0.6674	0.6588	0.6323 0.6891	0.6434	Ave		0.6591			0.0100	3.0		20.0			
Azobenzene	0.6632	0.6683	0.6592	0.6361 0.6896	0.6442	Ave		0.6601				2.9		20.0			
4-Bromophenyl phenyl ether	0.2211	0.2234	0.2195	0.2137 0.2294	0.2184	Ave		0.2209			0.1000	2.4		20.0			
Hexachlorobenzene	0.2702 0.2873	0.2894 0.2810	0.2919 0.2736	0.2825 0.2899	0.2861	Ave		0.2835			0.1000	2.6		20.0			
Atrazine	0.2037	0.1812 0.2147	0.1906 0.2098	0.1987 0.1919	0.2068	Ave		0.1997			0.0100	5.6		20.0			
Pentachlorophenol	0.1770	0.1838	0.1344 0.1821	0.1607 0.1829	0.1721	Ave		0.1704			0.0500	10.5		20.0			
Pentachloronitrobenzene	0.0983	0.1013	0.1018	0.0923 0.1062	0.0957	Ave		0.0993			0.0100	5.0		20.0			
n-Octadecane	0.3757	0.3894	0.3844	0.3346 0.4103	0.3526	Ave		0.3745			0.0100	7.2		20.0			
Phenanthrene	1.0504	1.0446	1.0082	1.0139 1.0018	1.0347	Ave		1.0256			0.7000	2.0		20.0			
Anthracene	1.0716	1.0744	1.0562	1.0198 1.0831	1.0550	Ave		1.0600			0.7000	2.1		20.0			
Carbazole	0.9816	0.9912	0.9451	0.9390 1.0131	0.9647	Ave		0.9724			0.0100	2.9		20.0			
Di-n-butyl phthalate	1.2085	1.2379	1.0215 1.2409	1.0880 1.0849	1.1432	Ave		1.1464			0.0100	7.5		20.0			
Fluoranthene	1.1487	1.1801	1.1277	1.0617 1.1891	1.0957	Ave		1.1338			0.6000	4.3		20.0			
Benzidine	0.4416	0.4873	0.4919	0.4444 0.4474	0.4324	Ave		0.4575			0.0100	5.6		20.0			
Pyrene	1.3302	1.3218	1.2965	1.2583 1.2053	1.3025	Ave		1.2858			0.6000	3.6		20.0			
Bisphenol-A	0.5766	0.5765	0.5978	0.4835 0.6021	0.5209	Ave		0.5596				8.4		20.0			
Butyl benzyl phthalate	0.5660	0.5967	0.5894	0.4880 0.6133	0.5315	Ave		0.5642			0.0100	8.3		20.0			
2,3,7,8-TCDD		0.2403				Ave		0.2403			0.0100			20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-309671-1 Analy Batch No.: 987932

SDG No.:

Instrument ID: CBNAMS15 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/30/2024 12:10 Calibration End Date: 07/30/2024 14:30 Calibration ID: 98245

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Carbamazepine	0.5184	0.5488	0.5591	0.4130 0.5939	0.4624	Ave		0.5159			0.0100	13.0		20.0			
3,3'-Dichlorobenzidine	0.4811	0.5194	0.4393 0.5149	0.4792 0.5040	0.4781	Ave		0.4880			0.0100	5.6		20.0			
Benzo[a]anthracene	1.2656 1.3052	1.2688 1.3412	1.2614 1.2810	1.2646 1.3226	1.2841	Ave		1.2883			0.8000	2.2		20.0			
Chrysene	1.3157	1.2440	1.2243	1.2770 1.2383	1.3057	Ave		1.2675			0.7000	3.0		20.0			
Bis(2-ethylhexyl) phthalate	0.8411	0.8885	0.8689	0.7229 0.8913	0.7905	Ave		0.8339			0.0100	7.9		20.0			
Di-n-octyl phthalate	1.1964	1.2999	1.2889	1.0111 1.2909	1.0934	Ave		1.1968			0.0100	10.1		20.0			
Benzo[b]fluoranthene	0.8136 1.1258	0.9321 1.1685	0.9328 1.1720	0.9736 1.2699	1.0101	Ave		1.0443			0.7000	14.1		20.0			
Benzo[k]fluoranthene	1.0547 1.2473	1.0617 1.2786	1.1941 1.2250	1.2088 1.2103	1.2828	Ave		1.1959			0.7000	7.0		20.0			
Benzo[a]pyrene	0.7683 1.0330	0.7840 1.0845	0.8860 1.0681	0.9412 1.1139	0.9787	Ave		0.9620			0.7000	13.3		20.0			
Indeno[1,2,3-cd]pyrene	0.7646 1.1130	0.7967 1.2218	0.9038 1.1905	0.9724 1.3718	0.9856	Qua2	-0.133	0.9901	0.0032084						0.9980		0.9900
Dibenz(a,h)anthracene	0.7494 1.1177	0.9954 1.2090	0.9978 1.2016	1.0314 1.2364	1.0757	Ave		1.0683			0.4000	14.1		20.0			
Benzo[g,h,i]perylene	0.8985 1.0896	1.0230 1.1310	1.0369 1.1158	1.0122 1.1759	1.0555	Ave		1.0598			0.5000	7.7		20.0			
2-Fluorophenol (Surr)	1.2580	1.1127 1.3011	1.1851 1.3286	1.1682 1.3486	1.2206	Ave		1.2404			0.0100	6.7		20.0			
Phenol-d5 (Surr)	1.1374 1.5399	1.3043 1.6009	1.3825 1.6493	1.4223 1.6780	1.4835	Ave		1.4665			0.0100	11.9		20.0			
Nitrobenzene-d5 (Surr)	0.3012 0.3575	0.3406 0.3722	0.3271 0.3787	0.3373 0.3841	0.3510	Ave		0.3500			0.0100	7.6		20.0			
2-Fluorobiphenyl	1.2532 1.4726	1.3944 1.5344	1.4756 1.5360	1.4702 1.5543	1.4774	Ave		1.4631			0.0100	6.3		20.0			
2,4,6-Tribromophenol (Surr)	0.3274	0.2738 0.3367	0.3161 0.3432	0.3237 0.3410	0.3197	Ave		0.3227			0.0100	6.8		20.0			
Terphenyl-d14 (Surr)	0.9630 1.1743	1.0639 1.1957	1.1397 1.2146	1.1278 1.1057	1.1646	Ave		1.1277			0.0100	6.8		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-309671-1 | Analy Batch No.: 987932

SDG No.:

Instrument ID: CBNAMS15 | GC Column: Rtxi-5Sil | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 07/30/2024 12:10 | Calibration End Date: 07/30/2024 14:30 | Calibration ID: 98245

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD05 460-987932/10	f62120.D
Level 2	STD1 460-987932/9	f62119.D
Level 3	STD2 460-987932/8	f62118.D
Level 4	STD5 460-987932/7	f62117.D
Level 5	STD10 460-987932/6	f62116.D
Level 6	STD20 460-987932/5	f62115.D
Level 7	ICIS 460-987932/2	f62112.D
Level 8	STD80 460-987932/4	f62114.D
Level 9	STD120 460-987932/3	f62113.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,4-Dioxane	DCBd4	Ave	4100 117529	7808 322705	15676 479555	30922 735735	61375	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
N-Nitrosodimethylamine	DCBd4	Ave	 158792	 444575	 653594	37190 1018380	76899	 20.0	 50.0	 80.0	5.00 120	10.0
Pyridine	DCBd4	Ave	 561700	26849 1501293	53734 2323020	135981 3597715	271864	 40.0	2.00 100	4.00 160	10.0 240	20.0
Benzaldehyde	DCBd4	Ave	 181103	12193 +++++	23561 +++++	62050 +++++	119289	 16.0	1.00 +++++	2.00 +++++	5.00 +++++	10.0
Phenol	DCBd4	Ave	 365389	 1054184	 1567459	85705 2483467	175699	 20.0	 50.0	 80.0	5.00 120	10.0
Aniline	DCBd4	Ave	 433329	 1185511	 1788120	103294 2720793	208325	 20.0	 50.0	 80.0	5.00 120	10.0
Bis(2-chloroethyl)ether	DCBd4	Ave	6195 293404	13357 860886	28478 1225198	73148 1887262	144887	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
2-Chlorophenol	DCBd4	Ave	 330687	 943822	 1374324	78618 2117073	161554	 20.0	 50.0	 80.0	5.00 120	10.0
n-Decane	DCBd4	Ave	 240054	 703587	 997137	61853 1551574	119938	 20.0	 50.0	 80.0	5.00 120	10.0
1,3-Dichlorobenzene	DCBd4	Ave	 378025	 1069400	 1530248	93899 2382625	185707	 20.0	 50.0	 80.0	5.00 120	10.0
1,4-Dichlorobenzene	DCBd4	Ave	 381928	 1077687	 1550865	93875 2401726	190439	 20.0	 50.0	 80.0	5.00 120	10.0
Benzyl alcohol	DCBd4	Ave	 204843	 584014	 866251	48439 1352066	96200	 20.0	 50.0	 80.0	5.00 120	10.0
1,2-Dichlorobenzene	DCBd4	Ave	 360855	 1018264	 1485137	90995 2274380	180402	 20.0	 50.0	 80.0	5.00 120	10.0
2-Methylphenol	DCBd4	Ave	 275890	 788095	 1160608	64406 1788269	132956	 20.0	 50.0	 80.0	5.00 120	10.0
2,2'-oxybis[1-chloropropane]	DCBd4	Ave				75579	152301				5.00	10.0

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-309671-1 | Analy Batch No.: 987932

SDG No.:

Instrument ID: CBNAMS15 | GC Column: Rtxi-5Sil | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 07/30/2024 12:10 | Calibration End Date: 07/30/2024 14:30 | Calibration ID: 98245

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			310818	868950	1247920	1883541		20.0	50.0	80.0	120	
N-Methylaniline	DCBd4	Ave	478173	1403821	2019186	115959 3142187	234122	20.0	50.0	80.0	5.00 120	10.0
Acetophenone	DCBd4	Ave	461078	1325387	1890127	111649 2863088	223482	20.0	50.0	80.0	5.00 120	10.0
3 & 4 Methylphenol	DCBd4	Ave	316957	930349	1332326	75491 2047897	154987	20.0	50.0	80.0	5.00 120	10.0
4-Methylphenol	DCBd4	Ave	316957	930349	1332326	75491 2047897	154987	20.0	50.0	80.0	5.00 120	10.0
N-Nitrosodi-n-propylamine	DCBd4	Ave	3584 177776	7583 504792	16448 715638	42898 1118122	86049	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Hexachloroethane	DCBd4	Ave	3425 143150	6882 397132	14521 576059	35240 890335	71025	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Nitrobenzene	DCBd4	Ave	3108 160852	7512 458352	14356 661598	37322 988331	77905	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
n,n'-Dimethylaniline	DCBd4	Ave	10206 495692	21992 1408624	48090 2014602	123160 3089623	246454	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Isophorone	NPT	Ave	571150	1618582	52234 2368129	140241 3628109	279385	20.0	50.0	2.00 80.0	5.00 120	10.0
2-Nitrophenol	NPT	Ave	167658	479503	718898	37660 1095464	79338	20.0	50.0	80.0	5.00 120	10.0
2,4-Dimethylphenol	NPT	Ave	233345	653491	994826	54088 1513692	109748	20.0	50.0	80.0	5.00 120	10.0
Bis(2-chloroethoxy)methane	NPT	Ave	374760	1046902	1529194	89730 2377575	180317	20.0	50.0	80.0	5.00 120	10.0
Benzoic acid	NPT	Lin2	190790	537765	872110	29673 1317768	79824	20.0	50.0	80.0	5.00 120	10.0
2,4-Dichlorophenol	NPT	Ave	271263	768925	21125 1152024	63456 1802453	129267	20.0	50.0	2.00 80.0	5.00 120	10.0
1,2,4-Trichlorobenzene	NPT	Ave	7067 313312	15324 876983	30763 1271578	79089 1943732	156571	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Naphthalene	NPT	Ave	979425	2697657	3958182	241757 5496004	483896	20.0	50.0	80.0	5.00 120	10.0
4-Chloroaniline	NPT	Ave	391937	1092377	1606526	91683 2485326	186652	20.0	50.0	80.0	5.00 120	10.0
2,6-Dichlorophenol		None	272246	780437	24013 1152354	62525 1717852	130643	20.0	50.0	2.00 80.0	5.00 120	10.0
Hexachlorobutadiene	NPT	Ave	186085	8741 513939	19546 752173	47458 1148403	93805	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Caprolactam	NPT	Ave	68334	3275 +++++	7138 +++++	20073 +++++	41701	16.0	1.00 +++++	2.00 +++++	5.00 +++++	10.0

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-309671-1 | Analy Batch No.: 987932

SDG No.:

Instrument ID: CBNAMS15 | GC Column: Rtxi-5Sil | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 07/30/2024 12:10 | Calibration End Date: 07/30/2024 14:30 | Calibration ID: 98245

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
4-Chloro-3-methylphenol	NPT	Ave	253933	742786	1122709	57962 1674151	122611	20.0	50.0	80.0	5.00 120	10.0
2-Methylnaphthalene	NPT	Ave	654943	1831253	2670608	158555 4178927	320788	20.0	50.0	80.0	5.00 120	10.0
1-Methylnaphthalene	NPT	Ave	600582	1696995	2476955	148694 3645706	294894	20.0	50.0	80.0	5.00 120	10.0
Hexachlorocyclopentadiene	ANT	Ave	160385	432496	673745	34414 971014	75673	20.0	50.0	80.0	5.00 120	10.0
1,2,4,5-Tetrachlorobenzene	ANT	Ave	325106	909254	1322321	81858 1953986	162190	20.0	50.0	80.0	5.00 120	10.0
2-tertbutyl-4-methylphenol	NPT	Ave	388165	1084969	1602708	93774 2467976	192883	20.0	50.0	80.0	5.00 120	10.0
2,4,6-Trichlorophenol	ANT	Ave	207124	581200	16290 860350	48335 1369612	101210	20.0	50.0	2.00 80.0	5.00 120	10.0
2,4,5-Trichlorophenol	ANT	Ave	218753	625626	901791	51731 1405484	109018	20.0	50.0	80.0	5.00 120	10.0
1,1'-Biphenyl	ANT	Ave	801467	2255173	3303666	197527 4650969	399471	20.0	50.0	80.0	5.00 120	10.0
2-Chloronaphthalene	ANT	Ave	620007	1705662	2499754	150569 3796378	302812	20.0	50.0	80.0	5.00 120	10.0
Phenyl ether	ANT	Ave	444038	1253004	1845064	113926 2708016	224931	20.0	50.0	80.0	5.00 120	10.0
2-Nitroaniline	ANT	Ave	190464	538936	815282	44759 1228869	90047	20.0	50.0	80.0	5.00 120	10.0
1,3-Dimethylnaphthalene	ANT	Ave	505573	1426083	2065905	125615 3114663	252622	20.0	50.0	80.0	5.00 120	10.0
Dimethyl phthalate	ANT	Ave	719657	1996316	2853054	177492 4230874	358637	20.0	50.0	80.0	5.00 120	10.0
Coumarin	NPT	Ave	238063	688974	1011833	57536 1517161	119509	20.0	50.0	80.0	5.00 120	10.0
2,6-Dinitrotoluene	ANT	Ave	153474	6224 416019	12274 647662	34306 970474	71687	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Acenaphthylene	ANT	Ave	944468	2590380	3852632	231357 5484171	467268	20.0	50.0	80.0	5.00 120	10.0
3-Nitroaniline	ANT	Ave	165930	489013	696043	39295 1053248	81643	20.0	50.0	80.0	5.00 120	10.0
Acenaphthene	ANT	Ave	578915	1614675	2355968	142072 3455835	285879	20.0	50.0	80.0	5.00 120	10.0
3,5-di-tert-butyl-4-hydroxytol	ANT	Ave	505664	1361614	2031910	105437 3105976	235230	20.0	50.0	80.0	5.00 120	10.0
2,4-Dinitrophenol	ANT	Lin1			6685	27994	71410			4.00	10.0	20.0

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-309671-1 | Analy Batch No.: 987932

SDG No.:

Instrument ID: CBNAMS15 | GC Column: Rtxi-5Sil | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 07/30/2024 12:10 | Calibration End Date: 07/30/2024 14:30 | Calibration ID: 98245

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			172577	511434	803716	1233985		40.0	100	160	240	
4-Nitrophenol	ANT	Ave	197031	599336	916981	49029 1377284	103264	40.0	100	160	10.0 240	20.0
2,4-Dinitrotoluene	ANT	Ave	211287	7319 606334	16462 907047	46978 1378691	99157	20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Dibenzofuran	ANT	Ave	890431	2458939	3570092	219925 5254159	450866	20.0	50.0	80.0	5.00 120	10.0
2,3,4,6-Tetrachlorophenol	ANT	Ave	187131	524957	784438	45619 1176265	89937	20.0	50.0	80.0	5.00 120	10.0
Diethyl phthalate	ANT	Ave	711645	1991696	3019894	183995 4418394	352706	20.0	50.0	80.0	5.00 120	10.0
Fluorene	ANT	Ave	717769	2005414	2871168	175079 4303958	355256	20.0	50.0	80.0	5.00 120	10.0
4-Chlorophenyl phenyl ether	ANT	Ave	344535	942896	1364814	84387 2072331	171463	20.0	50.0	80.0	5.00 120	10.0
4-Nitroaniline	ANT	Ave	178295	451886	691009	41905 1047937	86899	20.0	50.0	80.0	5.00 120	10.0
4,6-Dinitro-2-methylphenol	PHN	Lin2	239319	690090	15036 1055309	47349 1711683	107010	40.0	100	4.00 160	10.0 240	20.0
N-Nitrosodiphenylamine	PHN	Ave	520161	1428006	2093248	126712 3083622	253837	20.0	50.0	80.0	5.00 120	10.0
1,2-Diphenylhydrazine	PHN	Ave	665333	1827123	2705509	162402 4089804	326116	20.0	50.0	80.0	5.00 120	10.0
Azobenzene	PHN	Ave	664913	1829436	2707065	163366 4092472	326490	20.0	50.0	80.0	5.00 120	10.0
4-Bromophenyl phenyl ether	PHN	Ave	221651	611650	901311	54873 1361441	110682	20.0	50.0	80.0	5.00 120	10.0
Hexachlorobenzene	PHN	Ave	6409 287984	14547 769309	29142 1123703	72545 1720514	145027	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Atrazine	PHN	Ave	163388	9110 235126	19034 258446	51030 303698	104800	16.0	1.00 20.0	2.00 24.0	5.00 32.0	10.0
Pentachlorophenol	PHN	Ave	354838	1006514	26845 1495309	82522 2171330	174450	40.0	100	4.00 160	10.0 240	20.0
Pentachloronitrobenzene	PHN	Ave	98559	277295	418109	23693 630442	48483	20.0	50.0	80.0	5.00 120	10.0
n-Octadecane	PHN	Ave	376680	1065980	1578665	85931 2435042	178726	20.0	50.0	80.0	5.00 120	10.0
Phenanthrene	PHN	Ave	1053069	2859764	4140480	260402 5945294	524448	20.0	50.0	80.0	5.00 120	10.0
Anthracene	PHN	Ave	1074372	2941337	4337291	261916 6427746	534720	20.0	50.0	80.0	5.00 120	10.0

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-309671-1 | Analy Batch No.: 987932

SDG No.:

Instrument ID: CBNAMS15 | GC Column: Rtxi-5Sil | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 07/30/2024 12:10 | Calibration End Date: 07/30/2024 14:30 | Calibration ID: 98245

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Carbazole	PHN	Ave	984137	2713411	3881172	241159 6012241	488940	20.0	50.0	80.0	5.00 120	10.0
Di-n-butyl phthalate	PHN	Ave	1211573	3388979	101982 5095962	279418 6438371	579460	20.0	50.0	2.00 80.0	5.00 120	10.0
Fluoranthene	PHN	Ave	1151599	3230636	4631094	272671 7056764	555335	20.0	50.0	80.0	5.00 120	10.0
Benzidine	PHN	Ave	442739	1334086	2019965	114125 2654892	219151	20.0	50.0	80.0	5.00 120	10.0
Pyrene	CRY	Ave	1207915	3302503	4938070	288699 6678096	590069	20.0	50.0	80.0	5.00 120	10.0
Bisphenol-A	CRY	Ave	523566	1440338	2276742	110935 3336377	235980	20.0	50.0	80.0	5.00 120	10.0
Butyl benzyl phthalate	CRY	Ave	513972	1490988	2244870	111964 3398387	240780	20.0	50.0	80.0	5.00 120	10.0
2,3,7,8-TCDD	CRY	Ave		6003					0.500			
Carbamazepine	CRY	Ave	470749	1371147	2129557	94755 3290456	209462	20.0	50.0	80.0	5.00 120	10.0
3,3'-Dichlorobenzidine	CRY	Ave	436890	1297762	38593 1961206	109952 2792416	216571	20.0	50.0	2.00 80.0	5.00 120	10.0
Benzo[a]anthracene	CRY	Ave	26553 1185197	56354 3351146	110808 4878987	290143 7328018	581705	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Chrysene	CRY	Ave	1194740	3108264	4663142	292988 6861045	591522	20.0	50.0	80.0	5.00 120	10.0
Bis(2-ethylhexyl) phthalate	CRY	Ave	763801	2220113	3309564	165866 4938748	358090	20.0	50.0	80.0	5.00 120	10.0
Di-n-octyl phthalate	PRY	Ave	1251671	3728684	5632275	264180 8235643	571311	20.0	50.0	80.0	5.00 120	10.0
Benzo[b]fluoranthene	PRY	Ave	19515 1177839	47468 3351647	93866 5121420	254374 8101672	527765	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Benzo[k]fluoranthene	PRY	Ave	25297 1304971	54066 3667425	120161 5353096	315835 7721441	670251	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Benzo[a]pyrene	PRY	Ave	18428 1080740	39925 3110614	89153 4667528	245904 7106374	511365	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Indeno[1,2,3-cd]pyrene	PRY	Qua2	18339 1164412	40573 3504435	90950 5202114	254062 8752328	514961	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Dibenz(a,h)anthracene	PRY	Ave	17976 1169349	50688 3467902	100406 5250609	269481 7888412	562067	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Benzo[g,h,i]perylene	PRY	Ave	21551 1140014	52097 3244183	104337 4875856	264457 7502291	551474	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
2-Fluorophenol (Surr)	DCBd4	Ave		13828	29098	74195	152957		1.00	2.00	5.00	10.0

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-309671-1 | Analy Batch No.: 987932

SDG No.:

Instrument ID: CBNAMS15 | GC Column: Rtxi-5Sil | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 07/30/2024 12:10 | Calibration End Date: 07/30/2024 14:30 | Calibration ID: 98245

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
			310889	917682	1398616	2096357		20.0	50.0	80.0	120	
Phenol-d5 (Surr)	DCBd4	Ave	6755 380556	16209 1129136	33946 1736312	90333 2608490	185902	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Nitrobenzene-d5 (Surr)	NPT	Ave	6529 331735	15522 968472	29736 1473519	79698 2181379	163840	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
2-Fluorobiphenyl	ANT	Ave	15129 759471	35209 2164061	74006 3284421	191952 4843430	386002	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
2,4,6-Tribromophenol (Surr)	ANT	Ave	 168848	6913 474865	15853 733809	42262 1062761	83535	 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0
Terphenyl-d14 (Surr)	CRY	Ave	20204 1066399	47253 2987542	100113 4626252	258768 6126513	527605	0.500 20.0	1.00 50.0	2.00 80.0	5.00 120	10.0

Curve Type Legend:

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD
Lin2 = Linear 1/conc^2 ISTD
None = No Calib Curve
Qua2 = Quadratic 1/conc^2 ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20240730-179025.b\f62112.D
Lims ID: ICIS
Client ID:
Sample Type: ICIS Calib Level: 7
Inject. Date: 30-Jul-2024 12:10:08 ALS Bottle#: 0 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0179025-002
Operator ID: Instrument ID: CBNAMS15
Sublist: chrom-8270_15R_9*sub31

Method: \\chromfs\Edison\ChromData\CBNAMS15\20240730-179025.b\8270_15R_9.m
Limit Group: SV 8270E ICAL
Last Update: 30-Jul-2024 15:43:57 Calib Date: 30-Jul-2024 14:30:00
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20240730-179025.b\f62120.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1646

First Level Reviewer: LKI7 Date: 30-Jul-2024 12:33:03

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.636	1.636	0.000	81	322705	50.0	42.9	
2 N-Nitrosodimethylamine	74	1.766	1.766	0.000	93	444575	50.0	50.5	
3 Pyridine	79	1.783	1.783	0.000	95	1501293	100.0	96.9	
$ 5 2-Fluorophenol	112	2.448	2.448	0.000	96	917682	50.0	52.4	
7 Benzaldehyde	77	3.042	3.042	0.000	95	190713	20.0	14.1	
$ 8 Phenol-d5	99	3.083	3.083	0.000	0	1129136	50.0	54.6	
9 Phenol	94	3.095	3.095	0.000	96	1054184	50.0	50.9	
10 Aniline	93	3.118	3.118	0.000	48	1185511	50.0	49.6	
11 Bis(2-chloroethyl)ether	93	3.171	3.171	0.000	99	860886	50.0	53.0	
12 2-Chlorophenol	128	3.207	3.207	0.000	87	943822	50.0	51.0	
13 n-Decane	43	3.242	3.242	0.000	87	703587	50.0	51.2	
14 1,3-Dichlorobenzene	146	3.318	3.318	0.000	97	1069400	50.0	50.6	
* 15 1,4-Dichlorobenzene-d4	152	3.360	3.360	0.000	95	564240	40.0	40.0	
16 1,4-Dichlorobenzene	146	3.371	3.371	0.000	94	1077687	50.0	50.4	
17 Benzyl alcohol	108	3.465	3.465	0.000	94	584014	50.0	50.9	
18 1,2-Dichlorobenzene	146	3.483	3.483	0.000	91	1018264	50.0	50.1	
19 2-Methylphenol	108	3.548	3.548	0.000	79	788095	50.0	51.1	
20 2,2'-oxybis[1-chloropropane]	45	3.565	3.565	0.000	62	868950	50.0	50.7	
130 N-Methylaniline	106	3.660	3.660	0.000	92	1403821	50.0	51.7	
21 Acetophenone	105	3.665	3.665	0.000	91	1325387	50.0	51.6	
22 4-Methylphenol	108	3.671	3.671	0.000	81	930349	50.0	52.0	
23 3 & 4 Methylphenol	108	3.671	3.671	0.000	0	930349	50.0	52.0	
24 N-Nitrosodi-n-propylamine	70	3.671	3.671	0.000	62	504792	50.0	53.0	
25 Hexachloroethane	117	3.736	3.736	0.000	94	397132	50.0	49.6	
$ 26 Nitrobenzene-d5	82	3.777	3.777	0.000	86	968472	50.0	53.2	
28 n,n'-Dimethylaniline	120	3.795	3.795	0.000	79	1408624	50.0	52.1	
27 Nitrobenzene	123	3.795	3.795	0.000	91	458352	50.0	53.3	
29 Isophorone	82	3.983	3.983	0.000	98	1618582	50.0	51.2	
30 2-Nitrophenol	139	4.036	4.036	0.000	95	479503	50.0	51.6	
31 2,4-Dimethylphenol	122	4.077	4.077	0.000	93	653491	50.0	50.6	
32 Bis(2-chloroethoxy)methane	93	4.154	4.154	0.000	98	1046902	50.0	50.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
33 Benzoic acid	122	4.183	4.183	0.000	86	537765	50.0	47.5	
34 2,4-Dichlorophenol	162	4.218	4.218	0.000	97	768925	50.0	52.3	
35 1,2,4-Trichlorobenzene	180	4.283	4.283	0.000	92	876983	50.0	50.3	
* 36 Naphthalene-d8	136	4.324	4.324	0.000	99	2081553	40.0	40.0	
37 Naphthalene	128	4.342	4.342	0.000	99	2697657	50.0	50.7	
38 4-Chloroaniline	127	4.389	4.389	0.000	92	1092377	50.0	50.8	
39 Hexachlorobutadiene	225	4.442	4.442	0.000	97	513939	50.0	49.3	
40 Caprolactam	113	4.671	4.671	0.000	94	124255	20.0	28.6	
41 4-Chloro-3-methylphenol	107	4.771	4.771	0.000	91	742786	50.0	51.9	
42 2-Methylnaphthalene	142	4.871	4.871	0.000	81	1831253	50.0	50.4	
43 1-Methylnaphthalene	142	4.948	4.948	0.000	89	1696995	50.0	51.0	
44 Hexachlorocyclopentadiene	237	4.995	4.995	0.000	89	432496	50.0	51.2	
45 1,2,4,5-Tetrachlorobenzene	216	5.001	5.001	0.000	98	909254	50.0	51.3	
46 2-tertbutyl-4-methylphenol	149	5.042	5.042	0.000	89	1084969	50.0	50.2	
47 2,4,6-Trichlorophenol	196	5.089	5.089	0.000	90	581200	50.0	52.7	
48 2,4,5-Trichlorophenol	196	5.118	5.118	0.000	88	625626	50.0	52.1	
$ 50 2-Fluorobiphenyl	172	5.159	5.159	0.000	97	2164061	50.0	52.4	
51 1,1'-Biphenyl	154	5.236	5.236	0.000	95	2255173	50.0	52.0	
52 2-Chloronaphthalene	162	5.242	5.242	0.000	97	1705662	50.0	51.0	
53 Phenyl ether	170	5.318	5.318	0.000	83	1253004	50.0	51.1	
54 2-Nitroaniline	65	5.324	5.324	0.000	97	538936	50.0	51.8	
55 1,3-Dimethylnaphthalene	156	5.412	5.412	0.000	91	1426083	50.0	51.5	
57 Coumarin	146	5.483	5.483	0.000	75	688974	50.0	51.3	
56 Dimethyl phthalate	163	5.483	5.483	0.000	97	1996316	50.0	51.6	
58 2,6-Dinitrotoluene	165	5.518	5.518	0.000	74	416019	50.0	52.8	
59 Acenaphthylene	152	5.554	5.554	0.000	97	2590380	50.0	51.1	
60 3-Nitroaniline	138	5.642	5.642	0.000	94	489013	50.0	53.5	
* 61 Acenaphthene-d10	164	5.659	5.659	0.000	85	1128261	40.0	40.0	
62 Acenaphthene	154	5.689	5.689	0.000	94	1614675	50.0	51.6	
63 3,5-di-tert-butyl-4-hydroxytol	205	5.695	5.695	0.000	96	1361614	50.0	51.7	
64 2,4-Dinitrophenol	184	5.718	5.718	0.000	73	511434	100.0	97.0	
65 4-Nitrophenol	65	5.777	5.777	0.000	88	599336	100.0	104.1	
67 2,4-Dinitrotoluene	165	5.818	5.818	0.000	64	606334	50.0	56.1	
66 Dibenzofuran	168	5.818	5.818	0.000	91	2458939	50.0	51.1	
68 2,3,4,6-Tetrachlorophenol	232	5.912	5.912	0.000	97	524957	50.0	51.4	
69 Diethyl phthalate	149	6.018	6.018	0.000	99	1991696	50.0	50.5	
70 Fluorene	166	6.077	6.077	0.000	82	2005414	50.0	51.8	
71 4-Chlorophenyl phenyl ether	204	6.083	6.083	0.000	89	942896	50.0	50.9	
72 4-Nitroaniline	138	6.106	6.106	0.000	38	451886	50.0	48.6	
73 4,6-Dinitro-2-methylphenol	198	6.124	6.124	0.000	87	690090	100.0	100.1	
74 N-Nitrosodiphenylamine	169	6.177	6.177	0.000	68	1428006	50.0	51.1	
132 Azobenzene	77	6.201	6.201	0.000	0	1829436	50.0	50.6	
75 1,2-Diphenylhydrazine	77	6.201	6.201	0.000	1	1827123	50.0	50.6	a
$ 76 2,4,6-Tribromophenol	330	6.254	6.254	0.000	92	474865	50.0	52.2	
77 4-Bromophenyl phenyl ether	248	6.448	6.448	0.000	91	611650	50.0	50.6	
78 Hexachlorobenzene	284	6.483	6.483	0.000	94	769309	50.0	49.6	
79 Atrazine	200	6.583	6.583	0.000	91	235126	20.0	21.5	
80 Pentachlorophenol	266	6.636	6.636	0.000	93	1006514	100.0	107.9	
81 Pentachloronitrobenzene	237	6.642	6.642	0.000	82	277295	50.0	51.0	
82 n-Octadecane	57	6.724	6.724	0.000	90	1065980	50.0	52.0	
* 83 Phenanthrene-d10	188	6.777	6.777	0.000	98	2190085	40.0	40.0	
84 Phenanthrene	178	6.795	6.795	0.000	96	2859764	50.0	50.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
85 Anthracene	178	6.830	6.830	0.000	97	2941337	50.0	50.7	
87 Carbazole	167	6.959	6.959	0.000	82	2713411	50.0	51.0	
88 Di-n-butyl phthalate	149	7.236	7.236	0.000	99	3388979	50.0	54.0	
89 Fluoranthene	202	7.683	7.683	0.000	98	3230636	50.0	52.0	
90 Benzidine	184	7.795	7.795	0.000	99	1334086	50.0	53.3	
91 Pyrene	202	7.848	7.848	0.000	97	3302503	50.0	51.4	
92 Bisphenol-A	213	7.901	7.901	0.000	98	1440338	50.0	51.5	
$ 93 Terphenyl-d14	244	7.977	7.977	0.000	97	2987542	50.0	53.0	
95 Butyl benzyl phthalate	149	8.371	8.371	0.000	94	1490988	50.0	52.9	
96 2,3,7,8-TCDD	320	8.418	8.418	0.000	50	6003	0.5000	0.5000	
97 Carbamazepine	193	8.448	8.448	0.000	91	1371147	50.0	53.2	
99 3,3'-Dichlorobenzidine	252	8.795	8.795	0.000	99	1297762	50.0	53.2	
100 Benzo[a]anthracene	228	8.806	8.806	0.000	98	3351146	50.0	52.1	
* 98 Chrysene-d12	240	8.818	8.818	0.000	99	1998864	40.0	40.0	
101 Chrysene	228	8.842	8.842	0.000	95	3108264	50.0	49.1	
102 Bis(2-ethylhexyl) phthalate	149	8.871	8.871	0.000	69	2220113	50.0	53.3	
103 Di-n-octyl phthalate	149	9.500	9.500	0.000	96	3728684	50.0	54.3	
104 Benzo[b]fluoranthene	252	9.836	9.836	0.000	97	3351647	50.0	55.9	
105 Benzo[k]fluoranthene	252	9.865	9.865	0.000	99	3667425	50.0	53.5	
106 Benzo[a]pyrene	252	10.165	10.165	0.000	97	3110614	50.0	56.4	
* 107 Perylene-d12	264	10.224	10.224	0.000	99	2294676	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	11.336	11.336	0.000	99	3504435	50.0	52.8	
109 Dibenz(a,h)anthracene	278	11.371	11.371	0.000	97	3467902	50.0	56.6	
110 Benzo[g,h,i]perylene	276	11.618	11.618	0.000	97	3244183	50.0	53.4	
131 2,6-Dichlorophenol	162	4.395	4.395	0.000	96	780437	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Review Flags

a - User Assigned ID

Reagents:

SV_BNA_L7_00007 Amount Added: 1.00 Units: mL

Report Date: 30-Jul-2024 15:43:59 Chrom Revision: 2.3 16-Jul-2024 14:17:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20240730-179025.b\f62112.D

Injection Date: 30-Jul-2024 12:10:08 Instrument ID: CBNAMS15 Operator ID:

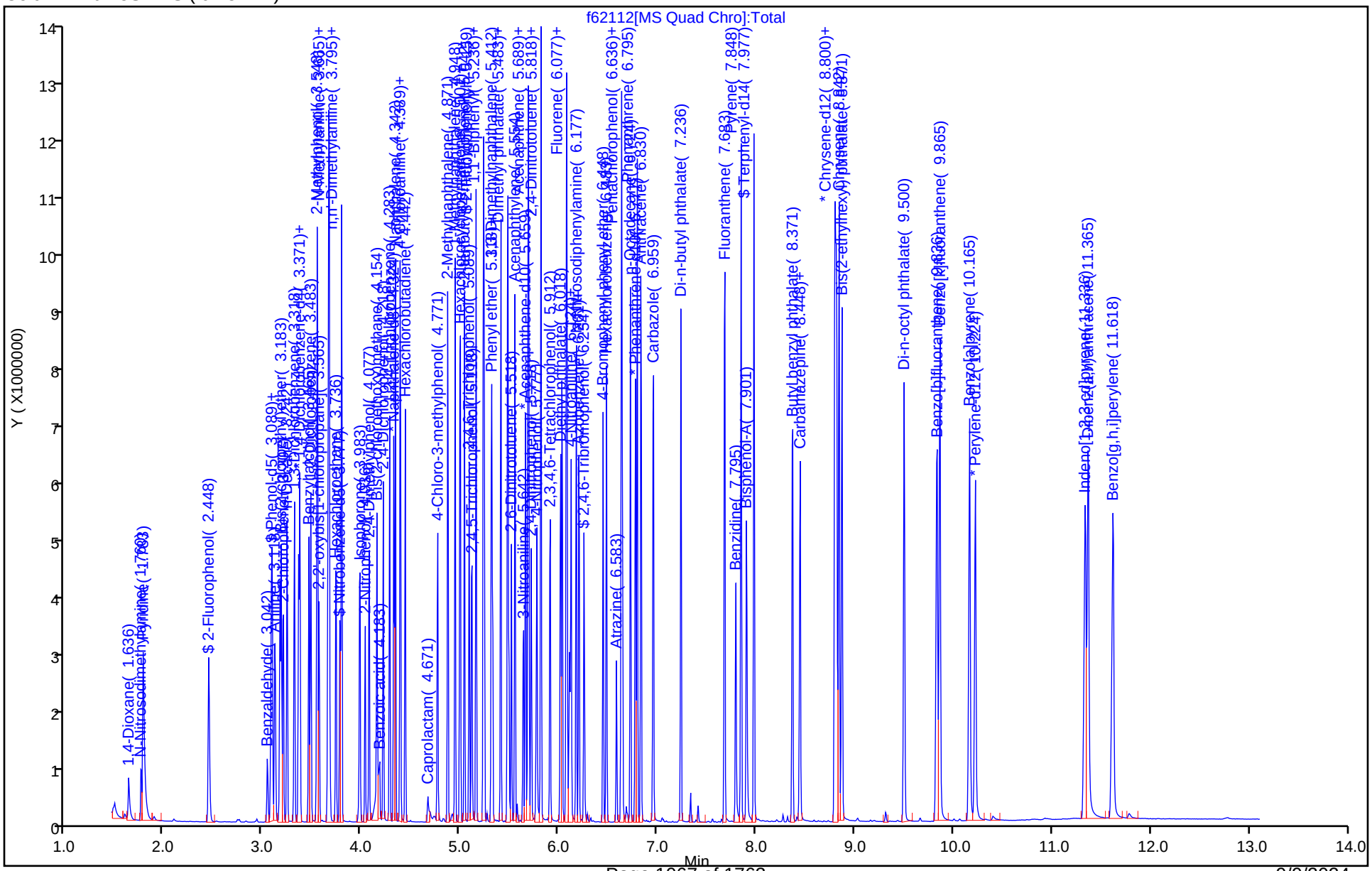
Lims ID: ICIS Worklist Smp#: 2

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 0

Method: 8270_15R_9 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



9/9/2024
1:05:41 PM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20240730-179025.b\f62113.D
Lims ID: STD120
Client ID:
Sample Type: IC Calib Level: 9
Inject. Date: 30-Jul-2024 12:27:38 ALS Bottle#: 0 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0179025-003
Operator ID: Instrument ID: CBNAMS15
Sublist: chrom-8270_15R_9*sub31

Method: \\chromfs\Edison\ChromData\CBNAMS15\20240730-179025.b\8270_15R_9.m
Limit Group: SV 8270E ICAL
Last Update: 30-Jul-2024 15:44:02 Calib Date: 30-Jul-2024 14:30:00
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20240730-179025.b\f62120.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1646

First Level Reviewer: LKI7 Date: 30-Jul-2024 15:43:47

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.630	1.636	-0.006	91	735735	120.0	106.6	
2 N-Nitrosodimethylamine	74	1.760	1.766	-0.006	93	1018380	120.0	125.8	
3 Pyridine	79	1.777	1.783	-0.006	96	3597715	240.0	252.7	
$ 5 2-Fluorophenol	112	2.448	2.448	0.000	96	2096357	120.0	130.5	
7 Benzaldehyde	77	3.036	3.042	-0.006	95	119078	32.0	9.60	
$ 8 Phenol-d5	99	3.089	3.083	0.006	0	2608490	120.0	137.3	
9 Phenol	94	3.095	3.095	0.000	97	2483467	120.0	130.5	
10 Aniline	93	3.118	3.118	0.000	98	2720793	120.0	123.9	a
11 Bis(2-chloroethyl)ether	93	3.171	3.171	0.000	94	1887262	120.0	126.4	
12 2-Chlorophenol	128	3.207	3.207	0.000	79	2117073	120.0	124.6	
13 n-Decane	43	3.242	3.242	0.000	85	1551574	120.0	122.9	
14 1,3-Dichlorobenzene	146	3.313	3.318	-0.005	95	2382625	120.0	122.7	
* 15 1,4-Dichlorobenzene-d4	152	3.354	3.360	-0.006	96	518175	40.0	40.0	
16 1,4-Dichlorobenzene	146	3.371	3.371	0.000	96	2401726	120.0	122.4	
17 Benzyl alcohol	108	3.465	3.465	0.000	93	1352066	120.0	128.3	
18 1,2-Dichlorobenzene	146	3.483	3.483	0.000	97	2274380	120.0	121.8	
19 2-Methylphenol	108	3.548	3.548	0.000	69	1788269	120.0	126.2	
20 2,2'-oxybis[1-chloropropane]	45	3.565	3.565	0.000	90	1883541	120.0	119.6	
130 N-Methylaniline	106	3.660	3.660	0.000	96	3142187	120.0	125.9	
21 Acetophenone	105	3.671	3.665	0.006	96	2863088	120.0	121.4	
22 4-Methylphenol	108	3.677	3.671	0.006	93	2047897	120.0	124.6	
23 3 & 4 Methylphenol	108	3.677	3.671	0.006	0	2047897	120.0	124.6	
24 N-Nitrosodi-n-propylamine	70	3.695	3.671	0.024	78	1118122	120.0	127.8	a
25 Hexachloroethane	117	3.736	3.736	0.000	94	890335	120.0	121.1	
$ 26 Nitrobenzene-d5	82	3.783	3.777	0.006	86	2181379	120.0	131.7	
27 Nitrobenzene	123	3.801	3.795	0.006	76	988331	120.0	125.1	
28 n,n'-Dimethylaniline	120	3.801	3.795	0.006	89	3089623	120.0	124.4	
29 Isophorone	82	3.989	3.983	0.006	99	3628109	120.0	126.2	
30 2-Nitrophenol	139	4.036	4.036	0.000	95	1095464	120.0	129.6	
31 2,4-Dimethylphenol	122	4.077	4.077	0.000	92	1513692	120.0	128.9	
32 Bis(2-chloroethoxy)methane	93	4.154	4.154	0.000	98	2377575	120.0	126.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
33 Benzoic acid	122	4.224	4.183	0.041	39	1317768	120.0	124.2	
34 2,4-Dichlorophenol	162	4.224	4.218	0.006	96	1802453	120.0	134.7	
35 1,2,4-Trichlorobenzene	180	4.283	4.283	0.000	94	1943732	120.0	122.6	
* 36 Naphthalene-d8	136	4.324	4.324	0.000	99	1892911	40.0	40.0	
37 Naphthalene	128	4.342	4.342	0.000	98	5496004	120.0	113.5	e
38 4-Chloroaniline	127	4.395	4.389	0.006	94	2485326	120.0	127.0	
39 Hexachlorobutadiene	225	4.442	4.442	0.000	97	1148403	120.0	121.2	
40 Caprolactam	113	4.771	4.671	0.100	30	210386	32.0	53.3	M
41 4-Chloro-3-methylphenol	107	4.771	4.771	0.000	96	1674151	120.0	128.6	
42 2-Methylnaphthalene	142	4.877	4.871	0.006	79	4178927	120.0	126.5	
43 1-Methylnaphthalene	142	4.948	4.948	0.000	88	3645706	120.0	120.4	
44 Hexachlorocyclopentadiene	237	4.995	4.995	0.000	90	971014	120.0	124.8	
45 1,2,4,5-Tetrachlorobenzene	216	5.001	5.001	0.000	96	1953986	120.0	119.8	
46 2-tertbutyl-4-methylphenol	149	5.042	5.042	0.000	86	2467976	120.0	125.6	
47 2,4,6-Trichlorophenol	196	5.095	5.089	0.006	94	1369612	120.0	134.8	
48 2,4,5-Trichlorophenol	196	5.118	5.118	0.000	97	1405484	120.0	127.2	
$ 50 2-Fluorobiphenyl	172	5.160	5.159	0.001	97	4843430	120.0	127.5	
51 1,1'-Biphenyl	154	5.236	5.236	0.000	96	4650969	120.0	116.4	
52 2-Chloronaphthalene	162	5.248	5.242	0.006	97	3796378	120.0	123.4	
53 Phenyl ether	170	5.318	5.318	0.000	83	2708016	120.0	120.0	
54 2-Nitroaniline	65	5.330	5.324	0.006	96	1228869	120.0	128.2	
55 1,3-Dimethylnaphthalene	156	5.412	5.412	0.000	89	3114663	120.0	122.3	
56 Dimethyl phthalate	163	5.489	5.483	0.006	97	4230874	120.0	118.7	
57 Coumarin	146	5.489	5.483	0.006	64	1517161	120.0	124.3	
58 2,6-Dinitrotoluene	165	5.524	5.518	0.006	71	970474	120.0	133.8	
59 Acenaphthylene	152	5.559	5.554	0.005	94	5484171	120.0	117.4	e
60 3-Nitroaniline	138	5.648	5.642	0.006	98	1053248	120.0	125.1	
* 61 Acenaphthene-d10	164	5.659	5.659	0.000	93	1038730	40.0	40.0	
62 Acenaphthene	154	5.689	5.689	0.000	96	3455835	120.0	119.9	
63 3,5-di-tert-butyl-4-hydroxytol	205	5.701	5.695	0.006	95	3105976	120.0	128.1	
64 2,4-Dinitrophenol	184	5.730	5.718	0.012	64	1233985	240.0	248.4	
65 4-Nitrophenol	65	5.789	5.777	0.012	88	1377284	240.0	259.9	
67 2,4-Dinitrotoluene	165	5.830	5.818	0.012	73	1378691	120.0	138.6	
66 Dibenzofuran	168	5.824	5.818	0.006	94	5254159	120.0	118.6	
68 2,3,4,6-Tetrachlorophenol	232	5.912	5.912	0.000	91	1176265	120.0	125.1	
69 Diethyl phthalate	149	6.024	6.018	0.006	98	4418394	120.0	121.8	
70 Fluorene	166	6.077	6.077	0.000	83	4303958	120.0	120.7	
71 4-Chlorophenyl phenyl ether	204	6.089	6.083	0.006	94	2072331	120.0	121.5	
72 4-Nitroaniline	138	6.130	6.106	0.024	73	1047937	120.0	122.3	
73 4,6-Dinitro-2-methylphenol	198	6.142	6.124	0.018	96	1711683	240.0	271.7	
74 N-Nitrosodiphenylamine	169	6.183	6.177	0.006	70	3083622	120.0	122.1	
132 Azobenzene	77	6.207	6.201	0.005	0	4092472	120.0	125.4	
75 1,2-Diphenylhydrazine	77	6.207	6.201	0.005	1	4089804	120.0	125.5	a
$ 76 2,4,6-Tribromophenol	330	6.259	6.254	0.005	92	1062761	120.0	126.8	
77 4-Bromophenyl phenyl ether	248	6.454	6.448	0.006	95	1361441	120.0	124.6	
78 Hexachlorobenzene	284	6.489	6.483	0.006	91	1720514	120.0	122.7	
79 Atrazine	200	6.589	6.583	0.006	93	303698	32.0	30.8	
80 Pentachlorophenol	266	6.642	6.636	0.006	92	2171330	240.0	257.6	
81 Pentachloronitrobenzene	237	6.648	6.642	0.006	85	630442	120.0	128.4	
82 n-Octadecane	57	6.730	6.724	0.006	88	2435042	120.0	131.5	
* 83 Phenanthrene-d10	188	6.777	6.777	0.000	98	1978189	40.0	40.0	
84 Phenanthrene	178	6.801	6.795	0.006	97	5945294	120.0	117.2	e

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
85 Anthracene	178	6.836	6.830	0.006	97	6427746	120.0	122.6	
87 Carbazole	167	6.965	6.959	0.006	82	6012241	120.0	125.0	
88 Di-n-butyl phthalate	149	7.242	7.236	0.006	99	6438371	120.0	113.6	e
89 Fluoranthene	202	7.683	7.683	0.000	97	7056764	120.0	125.9	
90 Benzidine	184	7.801	7.795	0.006	99	2654892	120.0	117.3	
91 Pyrene	202	7.853	7.848	0.005	94	6678096	120.0	112.5	e
92 Bisphenol-A	213	7.906	7.901	0.006	98	3336377	120.0	129.1	
$ 93 Terphenyl-d14	244	7.983	7.977	0.006	97	6126513	120.0	117.7	e
95 Butyl benzyl phthalate	149	8.371	8.371	0.000	96	3398387	120.0	130.5	
97 Carbamazepine	193	8.459	8.448	0.011	91	3290456	120.0	138.1	
99 3,3'-Dichlorobenzidine	252	8.806	8.795	0.011	87	2792416	120.0	123.9	
100 Benzo[a]anthracene	228	8.812	8.806	0.006	98	7328018	120.0	123.2	
* 98 Chrysene-d12	240	8.824	8.818	0.006	99	1846931	40.0	40.0	
101 Chrysene	228	8.848	8.842	0.006	95	6861045	120.0	117.2	
102 Bis(2-ethylhexyl) phthalate	149	8.871	8.871	0.000	75	4938748	120.0	128.3	
103 Di-n-octyl phthalate	149	9.506	9.500	0.006	96	8235643	120.0	129.4	e
104 Benzo[b]fluoranthene	252	9.847	9.836	0.011	98	8101672	120.0	145.9	
105 Benzo[k]fluoranthene	252	9.877	9.865	0.012	98	7721441	120.0	121.4	
106 Benzo[a]pyrene	252	10.177	10.165	0.012	97	7106374	120.0	138.9	
* 107 Perylene-d12	264	10.230	10.224	0.006	99	2126658	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	11.359	11.336	0.023	98	8752328	120.0	119.9	
109 Dibenz(a,h)anthracene	278	11.389	11.371	0.018	96	7888412	120.0	138.9	
110 Benzo[g,h,i]perylene	276	11.642	11.618	0.024	97	7502291	120.0	133.1	
S 117 Total Cresols	1				0			250.9	
131 2,6-Dichlorophenol	162	4.395	4.395	0.000	72	1717852	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

e - Potential Peak Saturated

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SV_BNA_L9_00006 Amount Added: 1.00 Units: mL

Report Date: 30-Jul-2024 15:44:05 Chrom Revision: 2.3 16-Jul-2024 14:17:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20240730-179025.b\f62113.D

Injection Date: 30-Jul-2024 12:27:38 Instrument ID: CBNAMS15 Operator ID:

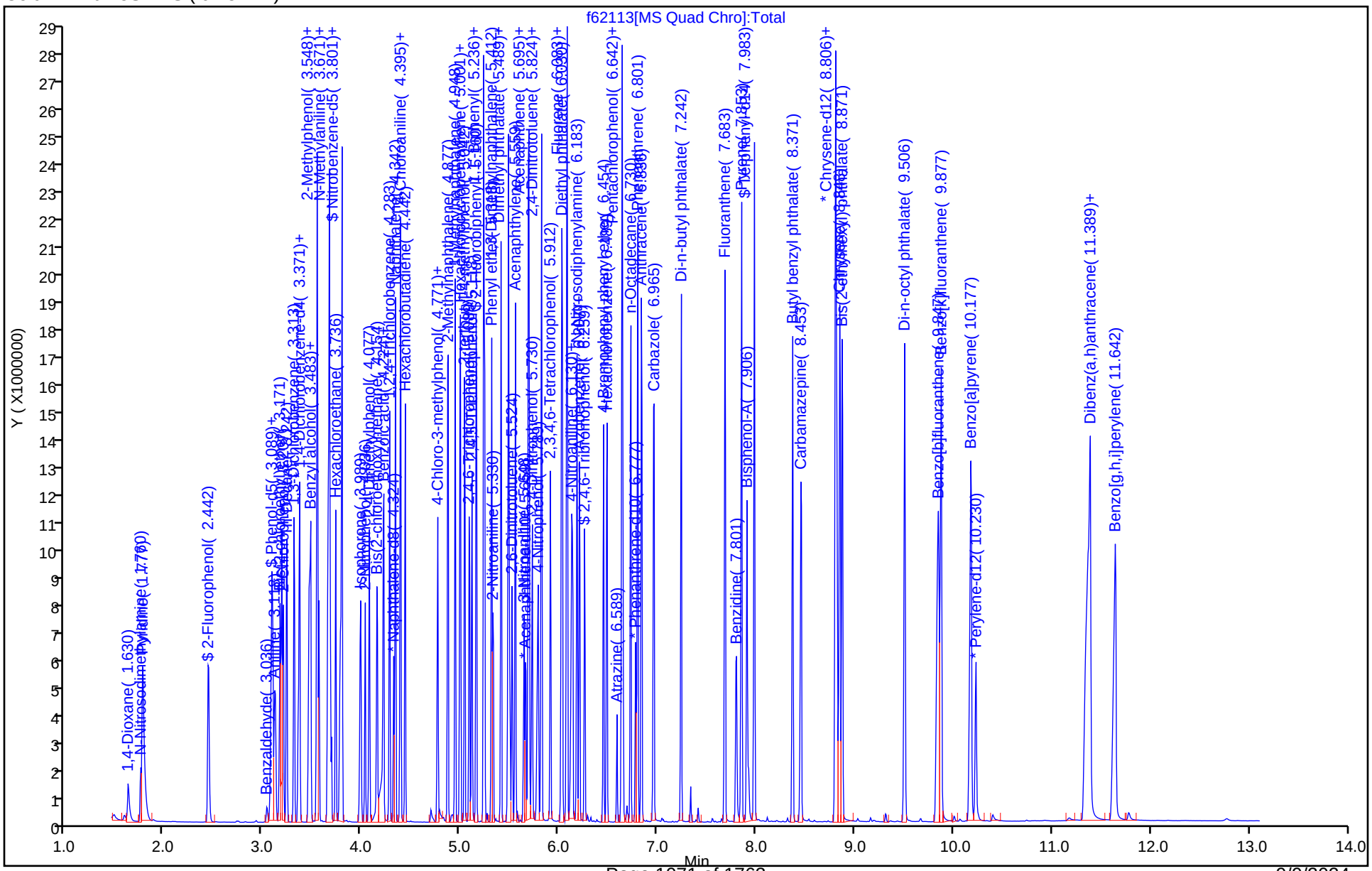
Lims ID: STD120 Worklist Smp#: 3

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 0

Method: 8270_15R_9 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



9/9/2024
1:05:41 PM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20240730-179025.b\f62114.D
Lims ID: STD80
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 30-Jul-2024 12:45:06 ALS Bottle#: 0 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0179025-004
Operator ID: Instrument ID: CBNAMS15
Sublist: chrom-8270_15R_9*sub31

Method: \\chromfs\Edison\ChromData\CBNAMS15\20240730-179025.b\8270_15R_9.m
Limit Group: SV 8270E ICAL
Last Update: 30-Jul-2024 15:44:08 Calib Date: 30-Jul-2024 14:30:00
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20240730-179025.b\f62120.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1646

First Level Reviewer: LKI7 Date: 30-Jul-2024 13:55:16

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.630	1.636	-0.006	80	479555	80.0	68.4	
	2 N-Nitrosodimethylamine	74	1.760	1.766	-0.006	94	653594	80.0	79.5	
	3 Pyridine	79	1.777	1.783	-0.006	96	2323020	160.0	160.6	
$	5 2-Fluorophenol	112	2.442	2.448	-0.006	96	1398616	80.0	85.7	
	7 Benzaldehyde	77	3.036	3.042	-0.006	97	106087	24.0	8.42	
$	8 Phenol-d5	99	3.083	3.083	0.000	0	1736312	80.0	90.0	
	9 Phenol	94	3.095	3.095	0.000	94	1567459	80.0	81.1	
	10 Aniline	93	3.119	3.118	0.001	98	1788120	80.0	80.2	
	11 Bis(2-chloroethyl)ether	93	3.166	3.171	-0.005	91	1225198	80.0	80.8	
	12 2-Chlorophenol	128	3.201	3.207	-0.006	69	1374324	80.0	79.6	
	13 n-Decane	43	3.236	3.242	-0.006	87	997137	80.0	77.8	
	14 1,3-Dichlorobenzene	146	3.313	3.318	-0.005	96	1530248	80.0	77.6	
*	15 1,4-Dichlorobenzene-d4	152	3.354	3.360	-0.006	96	526365	40.0	40.0	
	16 1,4-Dichlorobenzene	146	3.371	3.371	0.000	96	1550865	80.0	77.8	
	17 Benzyl alcohol	108	3.466	3.465	0.001	95	866251	80.0	80.9	
	18 1,2-Dichlorobenzene	146	3.477	3.483	-0.006	91	1485137	80.0	78.3	
	19 2-Methylphenol	108	3.548	3.548	0.000	64	1160608	80.0	80.6	
	20 2,2'-oxybis[1-chloropropane]	45	3.566	3.565	0.001	87	1247920	80.0	78.0	
	130 N-Methylaniline	106	3.654	3.660	-0.006	97	2019186	80.0	79.7	
	21 Acetophenone	105	3.666	3.665	0.001	94	1890127	80.0	78.9	
	22 4-Methylphenol	108	3.671	3.671	0.000	86	1332326	80.0	79.8	
	23 3 & 4 Methylphenol	108	3.671	3.671	0.000	0	1332326	80.0	79.8	
	24 N-Nitrosodi-n-propylamine	70	3.671	3.671	0.000	58	715638	80.0	80.5	
	25 Hexachloroethane	117	3.736	3.736	0.000	92	576059	80.0	77.2	
$	26 Nitrobenzene-d5	82	3.777	3.777	0.000	86	1473519	80.0	86.6	
	28 n,n'-Dimethylaniline	120	3.795	3.795	0.000	82	2014602	80.0	79.8	
	27 Nitrobenzene	123	3.795	3.795	0.000	82	661598	80.0	82.5	
	29 Isophorone	82	3.983	3.983	0.000	98	2368129	80.0	80.2	
	30 2-Nitrophenol	139	4.036	4.036	0.000	95	718898	80.0	82.7	
	31 2,4-Dimethylphenol	122	4.077	4.077	0.000	92	994826	80.0	82.4	
	32 Bis(2-chloroethoxy)methane	93	4.154	4.154	0.000	97	1529194	80.0	79.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
33 Benzoic acid	122	4.201	4.183	0.018	86	872110	80.0	80.8	
34 2,4-Dichlorophenol	162	4.219	4.218	0.000	97	1152024	80.0	83.8	
35 1,2,4-Trichlorobenzene	180	4.283	4.283	0.000	94	1271578	80.0	78.1	
* 36 Naphthalene-d8	136	4.324	4.324	0.000	99	1945411	40.0	40.0	
37 Naphthalene	128	4.342	4.342	0.000	98	3958182	80.0	79.6	
38 4-Chloroaniline	127	4.389	4.389	0.000	92	1606526	80.0	79.9	
39 Hexachlorobutadiene	225	4.442	4.442	0.000	99	752173	80.0	77.2	
40 Caprolactam	113	4.771	4.671	0.100	30	147034	24.0	36.3	M
41 4-Chloro-3-methylphenol	107	4.771	4.771	0.000	94	1122709	80.0	83.9	
42 2-Methylnaphthalene	142	4.871	4.871	0.000	81	2670608	80.0	78.6	
43 1-Methylnaphthalene	142	4.948	4.948	0.000	88	2476955	80.0	79.6	
44 Hexachlorocyclopentadiene	237	4.995	4.995	0.000	90	673745	80.0	84.1	
45 1,2,4,5-Tetrachlorobenzene	216	5.001	5.001	0.000	98	1322321	80.0	78.8	
46 2-tertbutyl-4-methylphenol	149	5.042	5.042	0.000	89	1602708	80.0	79.3	
47 2,4,6-Trichlorophenol	196	5.089	5.089	0.000	90	860350	80.0	82.3	
48 2,4,5-Trichlorophenol	196	5.113	5.118	-0.005	80	901791	80.0	79.3	
$ 50 2-Fluorobiphenyl	172	5.160	5.159	0.001	97	3284421	80.0	84.0	
51 1,1'-Biphenyl	154	5.236	5.236	0.000	95	3303666	80.0	80.3	
52 2-Chloronaphthalene	162	5.242	5.242	0.000	96	2499754	80.0	78.9	
53 Phenyl ether	170	5.318	5.318	0.000	82	1845064	80.0	79.4	
54 2-Nitroaniline	65	5.330	5.324	0.006	93	815282	80.0	82.6	
55 1,3-Dimethylnaphthalene	156	5.413	5.412	0.001	90	2065905	80.0	78.8	
57 Coumarin	146	5.483	5.483	0.000	63	1011833	80.0	80.6	
56 Dimethyl phthalate	163	5.483	5.483	0.000	98	2853054	80.0	77.8	
58 2,6-Dinitrotoluene	165	5.524	5.518	0.006	53	647662	80.0	86.7	
59 Acenaphthylene	152	5.554	5.554	0.000	97	3852632	80.0	80.1	
60 3-Nitroaniline	138	5.642	5.642	0.000	97	696043	80.0	80.3	
* 61 Acenaphthene-d10	164	5.660	5.659	0.001	86	1069179	40.0	40.0	
62 Acenaphthene	154	5.689	5.689	0.000	95	2355968	80.0	79.4	
63 3,5-di-tert-butyl-4-hydroxytol	205	5.695	5.695	0.000	97	2031910	80.0	81.4	
64 2,4-Dinitrophenol	184	5.724	5.718	0.006	73	803716	160.0	158.5	
65 4-Nitrophenol	65	5.783	5.777	0.006	87	916981	160.0	168.1	
67 2,4-Dinitrotoluene	165	5.818	5.818	0.000	63	907047	80.0	88.6	
66 Dibenzofuran	168	5.818	5.818	0.000	91	3570092	80.0	78.3	
68 2,3,4,6-Tetrachlorophenol	232	5.913	5.912	0.001	96	784438	80.0	81.0	
69 Diethyl phthalate	149	6.018	6.018	0.000	98	3019894	80.0	80.9	
70 Fluorene	166	6.077	6.077	0.000	82	2871168	80.0	78.2	
71 4-Chlorophenyl phenyl ether	204	6.083	6.083	0.000	87	1364814	80.0	77.7	
72 4-Nitroaniline	138	6.118	6.106	0.012	46	691009	80.0	78.4	
73 4,6-Dinitro-2-methylphenol	198	6.130	6.124	0.006	87	1055309	160.0	162.1	
74 N-Nitrosodiphenylamine	169	6.177	6.177	0.000	70	2093248	80.0	79.9	
132 Azobenzene	77	6.207	6.201	0.006	0	2707065	80.0	79.9	
75 1,2-Diphenylhydrazine	77	6.207	6.201	0.006	1	2705509	80.0	80.0	a
$ 76 2,4,6-Tribromophenol	330	6.260	6.254	0.006	87	733809	80.0	85.1	
77 4-Bromophenyl phenyl ether	248	6.448	6.448	0.000	87	901311	80.0	79.5	
78 Hexachlorobenzene	284	6.483	6.483	0.000	96	1123703	80.0	77.2	
79 Atrazine	200	6.589	6.583	0.006	91	258446	24.0	25.2	
80 Pentachlorophenol	266	6.636	6.636	0.000	92	1495309	160.0	170.9	
81 Pentachloronitrobenzene	237	6.648	6.642	0.006	93	418109	80.0	82.1	
82 n-Octadecane	57	6.724	6.724	0.000	90	1578665	80.0	82.1	
* 83 Phenanthrene-d10	188	6.777	6.777	0.000	98	2053341	40.0	40.0	
84 Phenanthrene	178	6.795	6.795	0.000	97	4140480	80.0	78.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
85 Anthracene	178	6.836	6.830	0.006	97	4337291	80.0	79.7	
87 Carbazole	167	6.960	6.959	0.001	83	3881172	80.0	77.8	
88 Di-n-butyl phthalate	149	7.242	7.236	0.006	99	5095962	80.0	86.6	
89 Fluoranthene	202	7.683	7.683	0.000	98	4631094	80.0	79.6	
90 Benzidine	184	7.795	7.795	0.000	99	2019965	80.0	86.0	
91 Pyrene	202	7.854	7.848	0.006	98	4938070	80.0	80.7	
92 Bisphenol-A	213	7.907	7.901	0.007	99	2276742	80.0	85.5	
$ 93 Terphenyl-d14	244	7.983	7.977	0.006	97	4626252	80.0	86.2	
95 Butyl benzyl phthalate	149	8.371	8.371	0.000	95	2244870	80.0	83.6	
97 Carbamazepine	193	8.454	8.448	0.006	92	2129557	80.0	86.7	
99 3,3'-Dichlorobenzidine	252	8.801	8.795	0.006	98	1961206	80.0	84.4	
100 Benzo[a]anthracene	228	8.812	8.806	0.006	98	4878987	80.0	79.5	
* 98 Chrysene-d12	240	8.818	8.818	0.000	99	1904358	40.0	40.0	
101 Chrysene	228	8.848	8.842	0.006	95	4663142	80.0	77.3	
102 Bis(2-ethylhexyl) phthalate	149	8.871	8.871	0.000	70	3309564	80.0	83.4	
103 Di-n-octyl phthalate	149	9.506	9.500	0.006	95	5632275	80.0	86.2	
104 Benzo[b]fluoranthene	252	9.842	9.836	0.006	98	5121420	80.0	89.8	
105 Benzo[k]fluoranthene	252	9.871	9.865	0.006	99	5353096	80.0	81.9	
106 Benzo[a]pyrene	252	10.171	10.165	0.006	97	4667528	80.0	88.8	
* 107 Perylene-d12	264	10.224	10.224	0.000	98	2184867	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	11.348	11.336	0.012	98	5202114	80.0	77.1	
109 Dibenz(a,h)anthracene	278	11.377	11.371	0.006	96	5250609	80.0	90.0	
110 Benzo[g,h,i]perylene	276	11.630	11.618	0.012	94	4875856	80.0	84.2	
S 117 Total Cresols	1				0			160.5	
131 2,6-Dichlorophenol	162	4.395	4.395	0.000	95	1152354	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SV_BNA_L8_00006 Amount Added: 1.00 Units: mL

Report Date: 30-Jul-2024 15:44:10 Chrom Revision: 2.3 16-Jul-2024 14:17:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20240730-179025.b\f62114.D

Injection Date: 30-Jul-2024 12:45:06 Instrument ID: CBNAMS15 Operator ID:

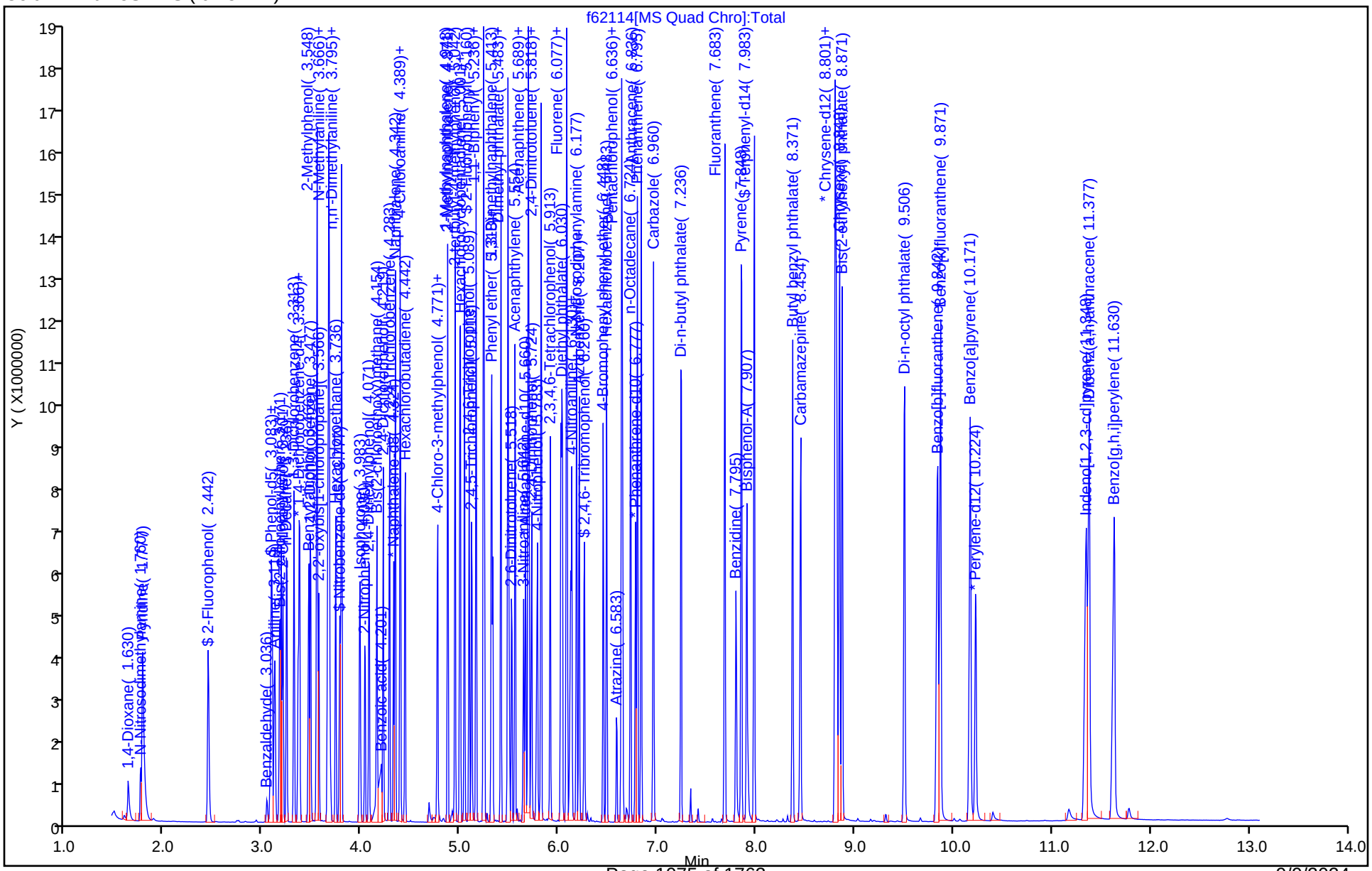
Lims ID: STD80 Worklist Smp#: 4

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 0

Method: 8270_15R_9 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



9/9/2024
1:05:41 PM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20240730-179025.b\f62115.D
Lims ID: STD20
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 30-Jul-2024 13:02:35 ALS Bottle#: 0 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0179025-005
Operator ID: Instrument ID: CBNAMS15
Sublist: chrom-8270_15R_9*sub31

Method: \\chromfs\Edison\ChromData\CBNAMS15\20240730-179025.b\8270_15R_9.m
Limit Group: SV 8270E ICAL
Last Update: 30-Jul-2024 15:44:13 Calib Date: 30-Jul-2024 14:30:00
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20240730-179025.b\f62120.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1646

First Level Reviewer: LKI7 Date: 30-Jul-2024 13:57:55

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.630	1.636	-0.006	81	117529	20.0	17.9	
2 N-Nitrosodimethylamine	74	1.754	1.766	-0.012	90	158792	20.0	20.6	
3 Pyridine	79	1.777	1.783	-0.006	97	561700	40.0	41.4	
$ 5 2-Fluorophenol	112	2.442	2.448	-0.006	96	310889	20.0	20.3	
7 Benzaldehyde	77	3.036	3.042	-0.006	96	181103	16.0	15.3	
$ 8 Phenol-d5	99	3.072	3.083	-0.011	0	380556	20.0	21.0	
9 Phenol	94	3.083	3.095	-0.012	95	365389	20.0	20.1	
10 Aniline	93	3.113	3.118	-0.005	96	433329	20.0	20.7	
11 Bis(2-chloroethyl)ether	93	3.160	3.171	-0.011	98	293404	20.0	20.6	
12 2-Chlorophenol	128	3.195	3.207	-0.012	87	330687	20.0	20.4	
13 n-Decane	43	3.236	3.242	-0.006	86	240054	20.0	19.9	
14 1,3-Dichlorobenzene	146	3.313	3.318	-0.005	97	378025	20.0	20.4	
* 15 1,4-Dichlorobenzene-d4	152	3.354	3.360	-0.006	94	494245	40.0	40.0	
16 1,4-Dichlorobenzene	146	3.366	3.371	-0.005	95	381928	20.0	20.4	
17 Benzyl alcohol	108	3.454	3.465	-0.011	94	204843	20.0	20.4	
18 1,2-Dichlorobenzene	146	3.477	3.483	-0.006	91	360855	20.0	20.3	
19 2-Methylphenol	108	3.536	3.548	-0.012	88	275890	20.0	20.4	
20 2,2'-oxybis[1-chloropropane]	45	3.560	3.565	-0.005	61	310818	20.0	20.7	
130 N-Methylaniline	106	3.648	3.660	-0.012	95	478173	20.0	20.1	
21 Acetophenone	105	3.660	3.665	-0.005	93	461078	20.0	20.5	
22 4-Methylphenol	108	3.660	3.671	-0.011	67	316957	20.0	20.2	
23 3 & 4 Methylphenol	108	3.660	3.671	-0.011	0	316957	20.0	20.2	
24 N-Nitrosodi-n-propylamine	70	3.660	3.671	-0.011	60	177776	20.0	21.3	
25 Hexachloroethane	117	3.730	3.736	-0.006	94	143150	20.0	20.4	
$ 26 Nitrobenzene-d5	82	3.771	3.777	-0.006	85	331735	20.0	20.4	
27 Nitrobenzene	123	3.783	3.795	-0.012	95	160852	20.0	21.4	
28 n,n'-Dimethylaniline	120	3.789	3.795	-0.006	88	495692	20.0	20.9	
29 Isophorone	82	3.971	3.983	-0.012	99	571150	20.0	20.3	
30 2-Nitrophenol	139	4.030	4.036	-0.006	95	167658	20.0	20.2	
31 2,4-Dimethylphenol	122	4.066	4.077	-0.011	91	233345	20.0	20.3	
32 Bis(2-chloroethoxy)methane	93	4.148	4.154	-0.006	97	374760	20.0	20.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
33 Benzoic acid	122	4.142	4.183	-0.041	48	190790	20.0	20.3	
34 2,4-Dichlorophenol	162	4.213	4.218	-0.005	97	271263	20.0	20.7	
35 1,2,4-Trichlorobenzene	180	4.277	4.283	-0.006	95	313312	20.0	20.2	
* 36 Naphthalene-d8	136	4.319	4.324	-0.005	99	1856058	40.0	40.0	
37 Naphthalene	128	4.336	4.342	-0.006	98	979425	20.0	20.6	
38 4-Chloroaniline	127	4.383	4.389	-0.006	93	391937	20.0	20.4	
39 Hexachlorobutadiene	225	4.436	4.442	-0.006	96	186085	20.0	20.0	
40 Caprolactam	113	4.654	4.671	-0.017	94	68334	16.0	17.7	
41 4-Chloro-3-methylphenol	107	4.766	4.771	-0.005	93	253933	20.0	19.9	
42 2-Methylnaphthalene	142	4.871	4.871	0.000	84	654943	20.0	20.2	
43 1-Methylnaphthalene	142	4.942	4.948	-0.006	90	600582	20.0	20.2	
44 Hexachlorocyclopentadiene	237	4.989	4.995	-0.006	89	160385	20.0	20.8	
45 1,2,4,5-Tetrachlorobenzene	216	4.995	5.001	-0.006	98	325106	20.0	20.1	
46 2-tertbutyl-4-methylphenol	149	5.036	5.042	-0.006	89	388165	20.0	20.1	
47 2,4,6-Trichlorophenol	196	5.089	5.089	0.000	94	207124	20.0	20.5	
48 2,4,5-Trichlorophenol	196	5.113	5.118	-0.005	97	218753	20.0	19.9	
$ 50 2-Fluorobiphenyl	172	5.154	5.159	-0.005	97	759471	20.0	20.1	
51 1,1'-Biphenyl	154	5.230	5.236	-0.006	95	801467	20.0	20.2	
52 2-Chloronaphthalene	162	5.236	5.242	-0.006	97	620007	20.0	20.3	
53 Phenyl ether	170	5.313	5.318	-0.005	84	444038	20.0	19.8	
54 2-Nitroaniline	65	5.318	5.324	-0.006	97	190464	20.0	20.0	
55 1,3-Dimethylnaphthalene	156	5.407	5.412	-0.005	91	505573	20.0	20.0	
56 Dimethyl phthalate	163	5.471	5.483	-0.012	99	719657	20.0	20.3	
57 Coumarin	146	5.477	5.483	-0.006	83	238063	20.0	19.9	
58 2,6-Dinitrotoluene	165	5.513	5.518	-0.005	73	153474	20.0	21.3	
59 Acenaphthylene	152	5.548	5.554	-0.006	97	944468	20.0	20.4	
60 3-Nitroaniline	138	5.630	5.642	-0.012	97	165930	20.0	19.8	
* 61 Acenaphthene-d10	164	5.660	5.659	0.001	94	1031497	40.0	40.0	
62 Acenaphthene	154	5.683	5.689	-0.006	90	578915	20.0	20.2	
63 3,5-di-tert-butyl-4-hydroxytol	205	5.689	5.695	-0.006	86	505664	20.0	21.0	
64 2,4-Dinitrophenol	184	5.713	5.718	-0.005	59	172577	40.0	38.1	
65 4-Nitrophenol	65	5.766	5.777	-0.011	88	197031	40.0	37.4	
67 2,4-Dinitrotoluene	165	5.813	5.818	-0.005	60	211287	20.0	21.4	
66 Dibenzofuran	168	5.813	5.818	-0.005	92	890431	20.0	20.2	
68 2,3,4,6-Tetrachlorophenol	232	5.907	5.912	-0.005	96	187131	20.0	20.0	
69 Diethyl phthalate	149	6.007	6.018	-0.011	98	711645	20.0	19.8	
70 Fluorene	166	6.071	6.077	-0.006	83	717769	20.0	20.3	
71 4-Chlorophenyl phenyl ether	204	6.077	6.083	-0.006	86	344535	20.0	20.3	
72 4-Nitroaniline	138	6.089	6.106	-0.017	87	178295	20.0	21.0	M
73 4,6-Dinitro-2-methylphenol	198	6.113	6.124	-0.011	73	239319	40.0	39.1	
74 N-Nitrosodiphenylamine	169	6.171	6.177	-0.006	68	520161	20.0	20.3	
132 Azobenzene	77	6.195	6.201	-0.006	0	664913	20.0	20.1	
75 1,2-Diphenylhydrazine	77	6.195	6.201	-0.006	1	665333	20.0	20.1	a
$ 76 2,4,6-Tribromophenol	330	6.248	6.254	-0.006	93	168848	20.0	20.3	
77 4-Bromophenyl phenyl ether	248	6.448	6.448	0.000	95	221651	20.0	20.0	
78 Hexachlorobenzene	284	6.477	6.483	-0.006	87	287984	20.0	20.3	
79 Atrazine	200	6.583	6.583	0.000	91	163388	16.0	16.3	
80 Pentachlorophenol	266	6.630	6.636	-0.006	93	354838	40.0	41.5	
81 Pentachloronitrobenzene	237	6.642	6.642	0.000	94	98559	20.0	19.8	
82 n-Octadecane	57	6.724	6.724	0.000	89	376680	20.0	20.1	
* 83 Phenanthrene-d10	188	6.771	6.777	-0.006	98	2005093	40.0	40.0	
84 Phenanthrene	178	6.789	6.795	-0.006	96	1053069	20.0	20.5	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
85 Anthracene	178	6.830	6.830	0.000	98	1074372	20.0	20.2	
87 Carbazole	167	6.954	6.959	-0.005	82	984137	20.0	20.2	
88 Di-n-butyl phthalate	149	7.236	7.236	0.000	99	1211573	20.0	21.1	
89 Fluoranthene	202	7.677	7.683	-0.006	98	1151599	20.0	20.3	
90 Benzidine	184	7.789	7.795	-0.006	99	442739	20.0	19.3	
91 Pyrene	202	7.842	7.848	-0.006	97	1207915	20.0	20.7	
92 Bisphenol-A	213	7.901	7.901	0.001	99	523566	20.0	20.6	
$ 93 Terphenyl-d14	244	7.977	7.977	0.000	97	1066399	20.0	20.8	
95 Butyl benzyl phthalate	149	8.365	8.371	-0.006	96	513972	20.0	20.1	
97 Carbamazepine	193	8.436	8.448	-0.012	92	470749	20.0	20.1	M
99 3,3'-Dichlorobenzidine	252	8.795	8.795	0.000	93	436890	20.0	19.7	
100 Benzo[a]anthracene	228	8.801	8.806	-0.005	99	1185197	20.0	20.3	
* 98 Chrysene-d12	240	8.812	8.818	-0.006	98	1816152	40.0	40.0	
101 Chrysene	228	8.836	8.842	-0.006	95	1194740	20.0	20.8	
102 Bis(2-ethylhexyl) phthalate	149	8.871	8.871	0.000	82	763801	20.0	20.2	
103 Di-n-octyl phthalate	149	9.501	9.500	0.001	95	1251671	20.0	20.0	
104 Benzo[b]fluoranthene	252	9.824	9.836	-0.012	98	1177839	20.0	21.6	
105 Benzo[k]fluoranthene	252	9.854	9.865	-0.011	96	1304971	20.0	20.9	
106 Benzo[a]pyrene	252	10.159	10.165	-0.006	96	1080740	20.0	21.5	
* 107 Perylene-d12	264	10.218	10.224	-0.006	99	2092453	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	11.324	11.336	-0.012	99	1164412	20.0	21.2	
109 Dibenz(a,h)anthracene	278	11.359	11.371	-0.012	42	1169349	20.0	20.9	
110 Benzo[g,h,i]perylene	276	11.606	11.618	-0.012	95	1140014	20.0	20.6	
S 117 Total Cresols	1				0			40.6	
131 2,6-Dichlorophenol	162	4.389	4.395	-0.006	95	272246	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SV_BNA_L6_00006 Amount Added: 1.00 Units: mL

Report Date: 30-Jul-2024 15:44:14 Chrom Revision: 2.3 16-Jul-2024 14:17:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20240730-179025.b\f62115.D

Injection Date: 30-Jul-2024 13:02:35 Instrument ID: CBNAMS15 Operator ID:

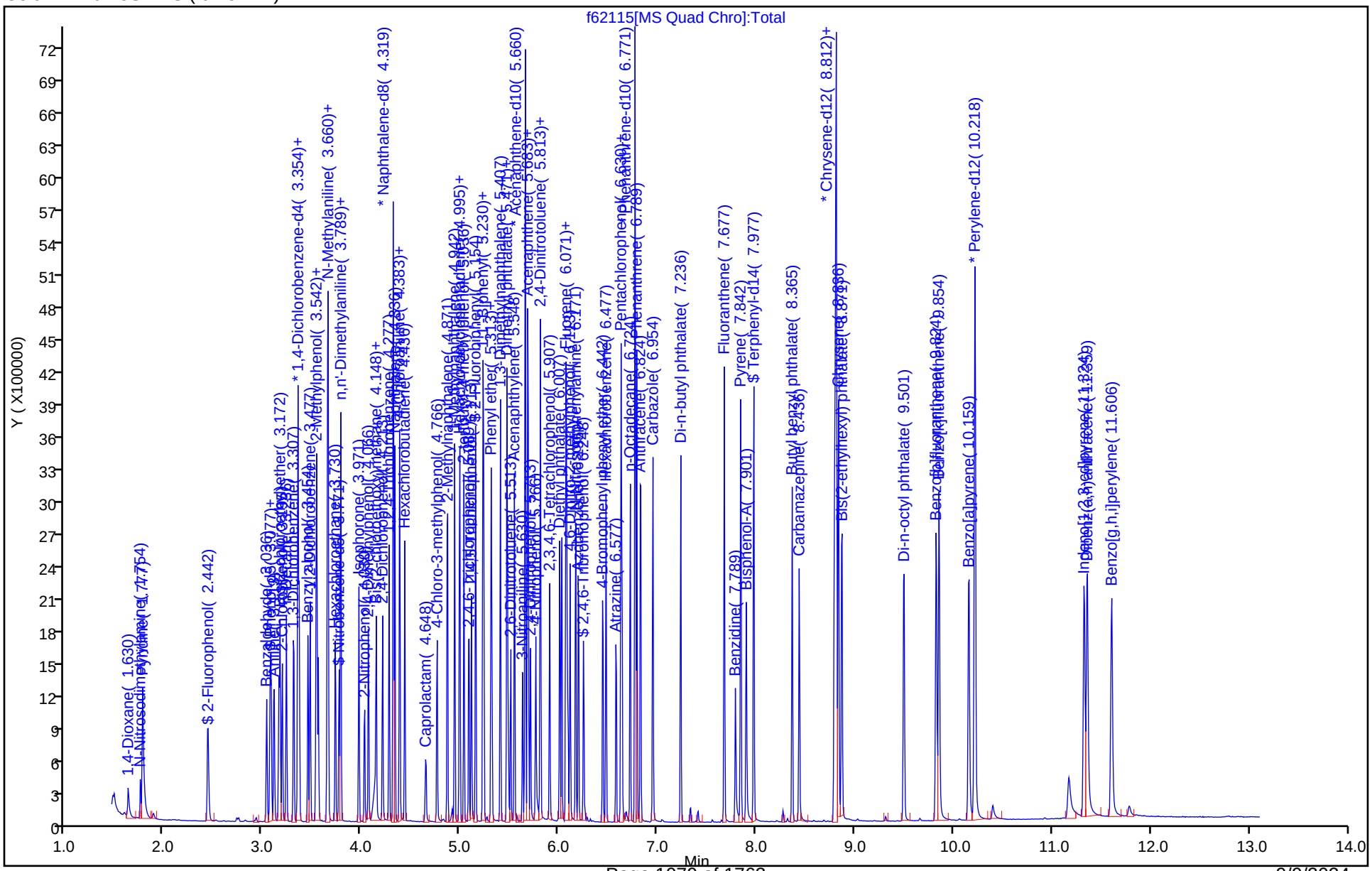
Lims ID: STD20 Worklist Smp#: 5

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 0

Method: 8270_15R_9 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



9/9/2024
1:05:41 PM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20240730-179025.b\f62116.D
Lims ID: STD10
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 30-Jul-2024 13:20:05 ALS Bottle#: 0 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0179025-006
Operator ID: Instrument ID: CBNAMS15
Sublist: chrom-8270_15R_9*sub31

Method: \\chromfs\Edison\ChromData\CBNAMS15\20240730-179025.b\8270_15R_9.m
Limit Group: SV 8270E ICAL
Last Update: 30-Jul-2024 15:44:17 Calib Date: 30-Jul-2024 14:30:00
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20240730-179025.b\f62120.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1646

First Level Reviewer: LKI7 Date: 30-Jul-2024 13:59:45

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.630	1.636	-0.006	81	61375	10.0	9.19	
2 N-Nitrosodimethylamine	74	1.760	1.766	-0.006	92	76899	10.0	9.82	
3 Pyridine	79	1.777	1.783	-0.006	97	271864	20.0	19.7	
$ 5 2-Fluorophenol	112	2.442	2.448	-0.006	96	152957	10.0	9.84	
7 Benzaldehyde	77	3.036	3.042	-0.006	95	119289	10.0	9.95	
$ 8 Phenol-d5	99	3.071	3.083	-0.012	0	185902	10.0	10.1	
9 Phenol	94	3.077	3.095	-0.018	97	175699	10.0	9.55	
10 Aniline	93	3.107	3.118	-0.011	97	208325	10.0	9.81	
11 Bis(2-chloroethyl)ether	93	3.160	3.171	-0.011	98	144887	10.0	10.0	
12 2-Chlorophenol	128	3.195	3.207	-0.012	82	161554	10.0	9.83	
13 n-Decane	43	3.236	3.242	-0.006	86	119938	10.0	9.82	
14 1,3-Dichlorobenzene	146	3.307	3.318	-0.011	95	185707	10.0	9.89	
* 15 1,4-Dichlorobenzene-d4	152	3.354	3.360	-0.006	95	501259	40.0	40.0	
16 1,4-Dichlorobenzene	146	3.365	3.371	-0.006	95	190439	10.0	10.0	
17 Benzyl alcohol	108	3.454	3.465	-0.011	94	96200	10.0	9.44	
18 1,2-Dichlorobenzene	146	3.477	3.483	-0.006	92	180402	10.0	9.99	
19 2-Methylphenol	108	3.536	3.548	-0.012	88	132956	10.0	9.70	
20 2,2'-oxybis[1-chloropropane]	45	3.560	3.565	-0.005	60	152301	10.0	10.0	
130 N-Methylaniline	106	3.648	3.660	-0.012	92	234122	10.0	9.70	
21 Acetophenone	105	3.654	3.665	-0.011	87	223482	10.0	9.80	
22 4-Methylphenol	108	3.654	3.671	-0.017	73	154987	10.0	9.75	
23 3 & 4 Methylphenol	108	3.654	3.671	-0.017	0	154987	10.0	9.75	
24 N-Nitrosodi-n-propylamine	70	3.660	3.671	-0.011	70	86049	10.0	10.2	
25 Hexachloroethane	117	3.730	3.736	-0.006	94	71025	10.0	10.0	
$ 26 Nitrobenzene-d5	82	3.771	3.777	-0.006	84	163840	10.0	10.0	
28 n,n'-Dimethylaniline	120	3.789	3.795	-0.006	88	246454	10.0	10.3	
27 Nitrobenzene	123	3.783	3.795	-0.012	95	77905	10.0	10.2	
29 Isophorone	82	3.971	3.983	-0.012	98	279385	10.0	9.85	
30 2-Nitrophenol	139	4.030	4.036	-0.006	95	79338	10.0	9.51	
31 2,4-Dimethylphenol	122	4.065	4.077	-0.012	91	109748	10.0	9.48	
32 Bis(2-chloroethoxy)methane	93	4.148	4.154	-0.006	93	180317	10.0	9.72	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
33 Benzoic acid	122	4.118	4.183	-0.065	78	79824	10.0	9.79	
34 2,4-Dichlorophenol	162	4.212	4.218	-0.006	97	129267	10.0	9.80	M
35 1,2,4-Trichlorobenzene	180	4.277	4.283	-0.006	94	156571	10.0	10.0	
* 36 Naphthalene-d8	136	4.318	4.324	-0.006	99	1867052	40.0	40.0	
37 Naphthalene	128	4.336	4.342	-0.006	91	483896	10.0	10.1	
38 4-Chloroaniline	127	4.383	4.389	-0.006	92	186652	10.0	9.67	
39 Hexachlorobutadiene	225	4.436	4.442	-0.006	97	93805	10.0	10.0	
40 Caprolactam	113	4.642	4.671	-0.029	93	41701	10.0	10.7	
41 4-Chloro-3-methylphenol	107	4.765	4.771	-0.006	91	122611	10.0	9.55	
42 2-Methylnaphthalene	142	4.865	4.871	-0.006	84	320788	10.0	9.84	
43 1-Methylnaphthalene	142	4.942	4.948	-0.006	88	294894	10.0	9.87	
44 Hexachlorocyclopentadiene	237	4.989	4.995	-0.006	90	75673	10.0	9.67	
45 1,2,4,5-Tetrachlorobenzene	216	4.995	5.001	-0.006	98	162190	10.0	9.88	
46 2-tertbutyl-4-methylphenol	149	5.036	5.042	-0.006	90	192883	10.0	9.95	
47 2,4,6-Trichlorophenol	196	5.083	5.089	-0.006	88	101210	10.0	9.90	
48 2,4,5-Trichlorophenol	196	5.112	5.118	-0.006	97	109018	10.0	9.80	
$ 50 2-Fluorobiphenyl	172	5.154	5.159	-0.005	97	386002	10.0	10.1	
51 1,1'-Biphenyl	154	5.230	5.236	-0.006	94	399471	10.0	9.94	
52 2-Chloronaphthalene	162	5.236	5.242	-0.006	97	302812	10.0	9.78	
53 Phenyl ether	170	5.312	5.318	-0.006	84	224931	10.0	9.91	
54 2-Nitroaniline	65	5.318	5.324	-0.006	96	90047	10.0	9.34	
55 1,3-Dimethylnaphthalene	156	5.407	5.412	-0.005	92	252622	10.0	9.86	
57 Coumarin	146	5.471	5.483	-0.012	63	119509	10.0	9.92	M
56 Dimethyl phthalate	163	5.471	5.483	-0.012	99	358637	10.0	10.0	
58 2,6-Dinitrotoluene	165	5.512	5.518	-0.006	68	71687	10.0	9.82	
59 Acenaphthylene	152	5.548	5.554	-0.006	97	467268	10.0	9.95	
60 3-Nitroaniline	138	5.630	5.642	-0.012	97	81643	10.0	9.64	
* 61 Acenaphthene-d10	164	5.659	5.659	0.000	95	1045081	40.0	40.0	
62 Acenaphthene	154	5.683	5.689	-0.006	83	285879	10.0	9.86	
63 3,5-di-tert-butyl-4-hydroxytol	205	5.689	5.695	-0.006	84	235230	10.0	9.65	
64 2,4-Dinitrophenol	184	5.712	5.718	-0.006	56	71410	20.0	17.7	
65 4-Nitrophenol	65	5.765	5.777	-0.012	86	103264	20.0	19.4	M
67 2,4-Dinitrotoluene	165	5.807	5.818	-0.011	80	99157	10.0	9.91	
66 Dibenzofuran	168	5.812	5.818	-0.006	93	450866	10.0	10.1	
68 2,3,4,6-Tetrachlorophenol	232	5.907	5.912	-0.006	95	89937	10.0	9.50	
69 Diethyl phthalate	149	6.007	6.018	-0.012	99	352706	10.0	9.66	
70 Fluorene	166	6.071	6.077	-0.006	83	355256	10.0	9.90	
71 4-Chlorophenyl phenyl ether	204	6.077	6.083	-0.006	86	171463	10.0	9.99	
72 4-Nitroaniline	138	6.089	6.106	-0.017	85	86899	10.0	10.1	M
73 4,6-Dinitro-2-methylphenol	198	6.112	6.124	-0.012	56	107010	20.0	18.3	
74 N-Nitrosodiphenylamine	169	6.165	6.177	-0.012	69	253837	10.0	9.81	
132 Azobenzene	77	6.195	6.201	-0.006	0	326490	10.0	9.76	
75 1,2-Diphenylhydrazine	77	6.195	6.201	-0.006	1	326116	10.0	9.76	a
$ 76 2,4,6-Tribromophenol	330	6.248	6.254	-0.006	91	83535	10.0	9.91	
77 4-Bromophenyl phenyl ether	248	6.442	6.448	-0.006	87	110682	10.0	9.89	
78 Hexachlorobenzene	284	6.477	6.483	-0.006	85	145027	10.0	10.1	
79 Atrazine	200	6.577	6.583	-0.006	92	104800	10.0	10.4	
80 Pentachlorophenol	266	6.630	6.636	-0.006	88	174450	20.0	20.2	
81 Pentachloronitrobenzene	237	6.636	6.642	-0.006	82	48483	10.0	9.64	
82 n-Octadecane	57	6.724	6.724	0.000	89	178726	10.0	9.42	
* 83 Phenanthrene-d10	188	6.771	6.777	-0.006	98	2027415	40.0	40.0	
84 Phenanthrene	178	6.789	6.795	-0.006	94	524448	10.0	10.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
85 Anthracene	178	6.824	6.830	-0.006	98	534720	10.0	9.95	
87 Carbazole	167	6.954	6.959	-0.005	82	488940	10.0	9.92	
88 Di-n-butyl phthalate	149	7.236	7.236	0.000	99	579460	10.0	9.97	
89 Fluoranthene	202	7.677	7.683	-0.006	98	555335	10.0	9.66	
90 Benzidine	184	7.789	7.795	-0.006	99	219151	10.0	9.45	
91 Pyrene	202	7.842	7.848	-0.006	97	590069	10.0	10.1	
92 Bisphenol-A	213	7.901	7.901	0.001	98	235980	10.0	9.31	
$ 93 Terphenyl-d14	244	7.977	7.977	0.000	97	527605	10.0	10.3	
95 Butyl benzyl phthalate	149	8.365	8.371	-0.006	95	240780	10.0	9.42	
97 Carbamazepine	193	8.436	8.448	-0.012	92	209462	10.0	8.96	
99 3,3'-Dichlorobenzidine	252	8.789	8.795	-0.006	99	216571	10.0	9.80	
100 Benzo[a]anthracene	228	8.800	8.806	-0.006	99	581705	10.0	9.97	
* 98 Chrysene-d12	240	8.812	8.818	-0.006	99	1812066	40.0	40.0	
101 Chrysene	228	8.830	8.842	-0.012	91	591522	10.0	10.3	
102 Bis(2-ethylhexyl) phthalate	149	8.871	8.871	0.000	81	358090	10.0	9.48	
103 Di-n-octyl phthalate	149	9.495	9.500	-0.005	93	571311	10.0	9.14	
104 Benzo[b]fluoranthene	252	9.824	9.836	-0.012	98	527765	10.0	9.67	
105 Benzo[k]fluoranthene	252	9.853	9.865	-0.012	35	670251	10.0	10.7	
106 Benzo[a]pyrene	252	10.153	10.165	-0.012	96	511365	10.0	10.2	
* 107 Perylene-d12	264	10.218	10.224	-0.006	99	2089982	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	11.324	11.336	-0.012	98	514961	10.0	9.78	
109 Dibenz(a,h)anthracene	278	11.353	11.371	-0.018	43	562067	10.0	10.1	
110 Benzo[g,h,i]perylene	276	11.600	11.618	-0.018	96	551474	10.0	9.96	
S 117 Total Cresols	1				0			19.5	
131 2,6-Dichlorophenol	162	4.383	4.395	-0.012	76	130643	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SV_BNA_L5_00006 Amount Added: 1.00 Units: mL

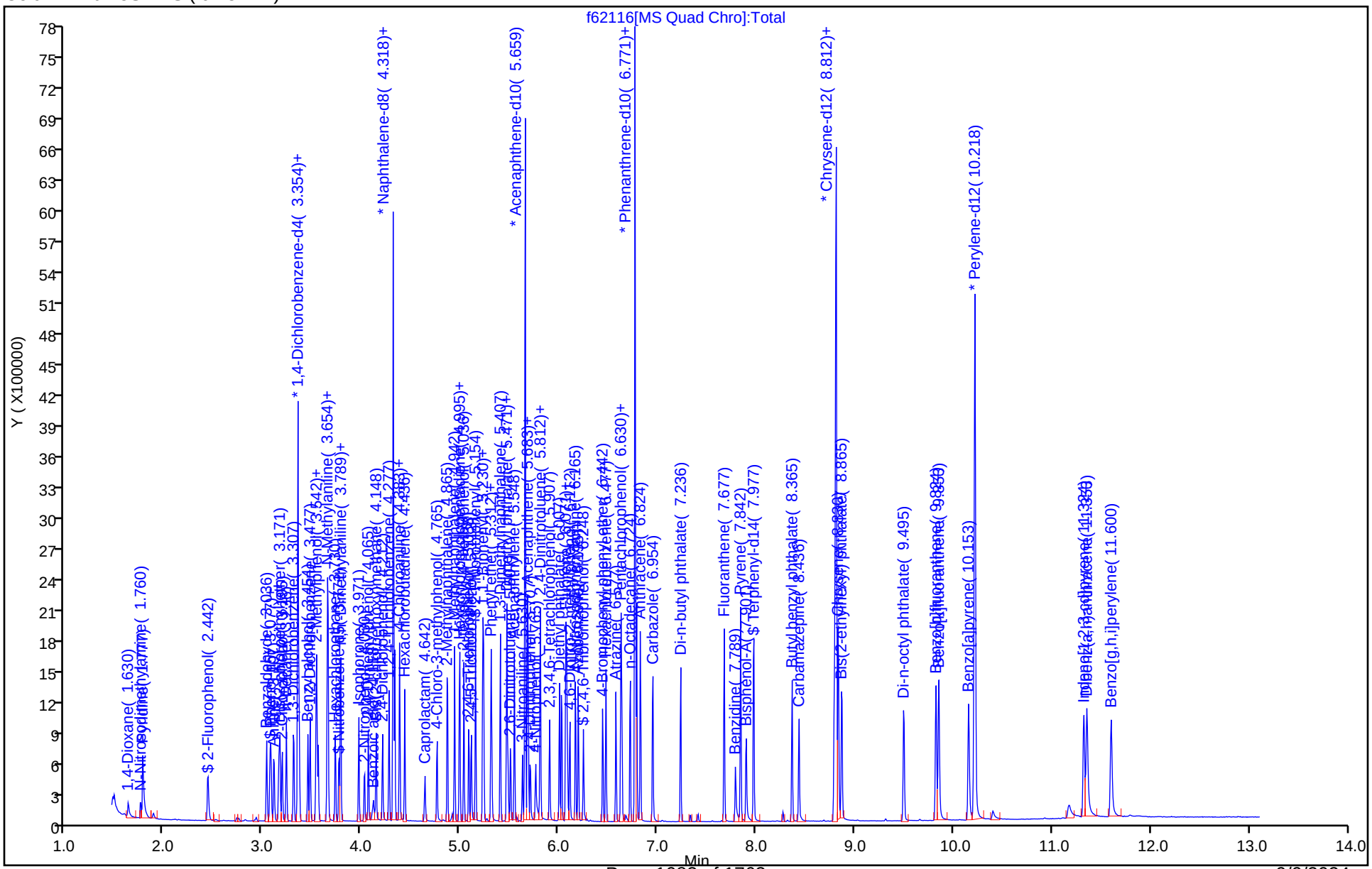
Report Date: 30-Jul-2024 15:44:20 Chrom Revision: 2.3 16-Jul-2024 14:17:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20240730-179025.b\f62116.D

Injection Date:	30-Jul-2024 13:20:05	Instrument ID:	CBNAMS15	Operator ID:	
Lims ID:	STD10			Worklist Smp#:	6
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



9/9/2024
1:05:41 PM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20240730-179025.b\f62117.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 30-Jul-2024 13:37:33 ALS Bottle#: 0 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0179025-007
Operator ID: Instrument ID: CBNAMS15
Sublist: chrom-8270_15R_9*sub31

Method: \\chromfs\Edison\ChromData\CBNAMS15\20240730-179025.b\8270_15R_9.m
Limit Group: SV 8270E ICAL
Last Update: 30-Jul-2024 15:44:23 Calib Date: 30-Jul-2024 14:30:00
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20240730-179025.b\f62120.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1646

First Level Reviewer: LKI7 Date: 30-Jul-2024 14:01:27

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.636	1.636	0.000	78	30922	5.00	4.57	
	2 N-Nitrosodimethylamine	74	1.760	1.766	-0.006	89	37190	5.00	4.69	
	3 Pyridine	79	1.783	1.783	0.000	97	135981	10.0	9.74	
$	5 2-Fluorophenol	112	2.442	2.448	-0.006	95	74195	5.00	4.71	
	7 Benzaldehyde	77	3.036	3.042	-0.006	95	62050	5.00	5.10	
$	8 Phenol-d5	99	3.071	3.083	-0.012	0	90333	5.00	4.85	
	9 Phenol	94	3.077	3.095	-0.018	97	85705	5.00	4.59	
	10 Aniline	93	3.107	3.118	-0.011	97	103294	5.00	4.80	
	11 Bis(2-chloroethyl)ether	93	3.160	3.171	-0.011	99	73148	5.00	5.00	
	12 2-Chlorophenol	128	3.195	3.207	-0.012	82	78618	5.00	4.72	
	13 n-Decane	43	3.236	3.242	-0.006	87	61853	5.00	5.00	
	14 1,3-Dichlorobenzene	146	3.307	3.318	-0.011	95	93899	5.00	4.93	
*	15 1,4-Dichlorobenzene-d4	152	3.354	3.360	-0.006	94	508095	40.0	40.0	
	16 1,4-Dichlorobenzene	146	3.365	3.371	-0.006	92	93875	5.00	4.88	
	17 Benzyl alcohol	108	3.454	3.465	-0.011	94	48439	5.00	4.69	
	18 1,2-Dichlorobenzene	146	3.477	3.483	-0.006	91	90995	5.00	4.97	
	19 2-Methylphenol	108	3.536	3.548	-0.012	89	64406	5.00	4.64	
	20 2,2'-oxybis[1-chloropropane]	45	3.560	3.565	-0.005	61	75579	5.00	4.90	
	130 N-Methylaniline	106	3.648	3.660	-0.012	93	115959	5.00	4.74	
	21 Acetophenone	105	3.654	3.665	-0.011	88	111649	5.00	4.83	
	22 4-Methylphenol	108	3.654	3.671	-0.017	69	75491	5.00	4.69	
	23 3 & 4 Methylphenol	108	3.654	3.671	-0.017	0	75491	5.00	4.69	
	24 N-Nitrosodi-n-propylamine	70	3.660	3.671	-0.011	74	42898	5.00	5.00	
	25 Hexachloroethane	117	3.730	3.736	-0.006	92	35240	5.00	4.89	
$	26 Nitrobenzene-d5	82	3.765	3.777	-0.012	87	79698	5.00	4.82	
	27 Nitrobenzene	123	3.783	3.795	-0.012	94	37322	5.00	4.82	
	28 n,n'-Dimethylaniline	120	3.789	3.795	-0.006	86	123160	5.00	5.06	
	29 Isophorone	82	3.971	3.983	-0.012	98	140241	5.00	4.89	
	30 2-Nitrophenol	139	4.030	4.036	-0.006	94	37660	5.00	4.46	
	31 2,4-Dimethylphenol	122	4.065	4.077	-0.012	91	54088	5.00	4.61	
	32 Bis(2-chloroethoxy)methane	93	4.148	4.154	-0.006	92	89730	5.00	4.78	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
33 Benzoic acid	122	4.124	4.183	-0.059	69	29673	5.00	5.05	
34 2,4-Dichlorophenol	162	4.212	4.218	-0.006	96	63456	5.00	4.75	
35 1,2,4-Trichlorobenzene	180	4.277	4.283	-0.006	93	79089	5.00	5.00	
* 36 Naphthalene-d8	136	4.318	4.324	-0.006	99	1890412	40.0	40.0	
37 Naphthalene	128	4.336	4.342	-0.006	80	241757	5.00	5.00	
38 4-Chloroaniline	127	4.383	4.389	-0.006	93	91683	5.00	4.69	
39 Hexachlorobutadiene	225	4.436	4.442	-0.006	96	47458	5.00	5.01	
40 Caprolactam	113	4.636	4.671	-0.035	94	20073	5.00	5.10	
41 4-Chloro-3-methylphenol	107	4.759	4.771	-0.012	93	57962	5.00	4.46	
42 2-Methylnaphthalene	142	4.865	4.871	-0.006	82	158555	5.00	4.80	
43 1-Methylnaphthalene	142	4.942	4.948	-0.006	90	148694	5.00	4.92	
44 Hexachlorocyclopentadiene	237	4.989	4.995	-0.006	86	34414	5.00	4.40	
45 1,2,4,5-Tetrachlorobenzene	216	4.995	5.001	-0.006	98	81858	5.00	4.99	
46 2-tertbutyl-4-methylphenol	149	5.036	5.042	-0.006	91	93774	5.00	4.78	
47 2,4,6-Trichlorophenol	196	5.083	5.089	-0.006	88	48335	5.00	4.73	
48 2,4,5-Trichlorophenol	196	5.112	5.118	-0.006	96	51731	5.00	4.65	
$ 50 2-Fluorobiphenyl	172	5.154	5.159	-0.005	97	191952	5.00	5.02	
51 1,1'-Biphenyl	154	5.230	5.236	-0.006	95	197527	5.00	4.92	
52 2-Chloronaphthalene	162	5.236	5.242	-0.006	97	150569	5.00	4.87	
53 Phenyl ether	170	5.312	5.318	-0.006	83	113926	5.00	5.02	
54 2-Nitroaniline	65	5.318	5.324	-0.006	96	44759	5.00	4.64	
55 1,3-Dimethylnaphthalene	156	5.407	5.412	-0.006	92	125615	5.00	4.90	
56 Dimethyl phthalate	163	5.471	5.483	-0.012	98	177492	5.00	4.95	
57 Coumarin	146	5.471	5.483	-0.012	65	57536	5.00	4.72	
58 2,6-Dinitrotoluene	165	5.506	5.518	-0.012	80	34306	5.00	4.70	
59 Acenaphthylene	152	5.548	5.554	-0.006	97	231357	5.00	4.93	
60 3-Nitroaniline	138	5.630	5.642	-0.012	95	39295	5.00	4.64	
* 61 Acenaphthene-d10	164	5.659	5.659	0.000	95	1044495	40.0	40.0	
62 Acenaphthene	154	5.683	5.689	-0.006	71	142072	5.00	4.90	
63 3,5-di-tert-butyl-4-hydroxytol	205	5.689	5.695	-0.006	81	105437	5.00	4.33	
64 2,4-Dinitrophenol	184	5.712	5.718	-0.006	43	27994	10.0	9.15	
65 4-Nitrophenol	65	5.765	5.777	-0.012	88	49029	10.0	9.20	M
67 2,4-Dinitrotoluene	165	5.806	5.818	-0.012	73	46978	5.00	4.70	
66 Dibenzofuran	168	5.812	5.818	-0.006	93	219925	5.00	4.94	
68 2,3,4,6-Tetrachlorophenol	232	5.906	5.912	-0.006	95	45619	5.00	4.82	
69 Diethyl phthalate	149	6.001	6.018	-0.017	97	183995	5.00	5.04	
70 Fluorene	166	6.071	6.077	-0.006	82	175079	5.00	4.88	
71 4-Chlorophenyl phenyl ether	204	6.077	6.083	-0.006	87	84387	5.00	4.92	
72 4-Nitroaniline	138	6.089	6.106	-0.017	84	41905	5.00	4.87	M
73 4,6-Dinitro-2-methylphenol	198	6.112	6.124	-0.012	49	47349	10.0	9.05	
74 N-Nitrosodiphenylamine	169	6.165	6.177	-0.012	69	126712	5.00	4.83	M
132 Azobenzene	77	6.195	6.201	-0.006	0	163366	5.00	4.82	
75 1,2-Diphenylhydrazine	77	6.195	6.201	-0.006	1	162402	5.00	4.80	a
$ 76 2,4,6-Tribromophenol	330	6.248	6.254	-0.006	89	42262	5.00	5.02	M
77 4-Bromophenyl phenyl ether	248	6.442	6.448	-0.006	88	54873	5.00	4.84	
78 Hexachlorobenzene	284	6.477	6.483	-0.006	85	72545	5.00	4.98	
79 Atrazine	200	6.577	6.583	-0.006	92	51030	5.00	4.98	
80 Pentachlorophenol	266	6.630	6.636	-0.006	93	82522	10.0	9.43	
81 Pentachloronitrobenzene	237	6.636	6.642	-0.006	84	23693	5.00	4.65	
82 n-Octadecane	57	6.724	6.724	0.000	88	85931	5.00	4.47	
* 83 Phenanthrene-d10	188	6.771	6.777	-0.006	98	2054634	40.0	40.0	
84 Phenanthrene	178	6.789	6.795	-0.006	78	260402	5.00	4.94	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
85 Anthracene	178	6.824	6.830	-0.006	99	261916	5.00	4.81	
87 Carbazole	167	6.953	6.959	-0.006	82	241159	5.00	4.83	
88 Di-n-butyl phthalate	149	7.236	7.236	0.000	99	279418	5.00	4.75	
89 Fluoranthene	202	7.677	7.683	-0.006	98	272671	5.00	4.68	
90 Benzidine	184	7.795	7.795	0.000	98	114125	5.00	4.86	
91 Pyrene	202	7.842	7.848	-0.006	97	288699	5.00	4.89	
92 Bisphenol-A	213	7.900	7.901	0.000	98	110935	5.00	4.32	
$ 93 Terphenyl-d14	244	7.977	7.977	0.000	97	258768	5.00	5.00	
95 Butyl benzyl phthalate	149	8.365	8.371	-0.006	95	111964	5.00	4.32	
97 Carbamazepine	193	8.436	8.448	-0.012	93	94755	5.00	4.00	
99 3,3'-Dichlorobenzidine	252	8.795	8.795	0.000	85	109952	5.00	4.91	
100 Benzo[a]anthracene	228	8.800	8.806	-0.006	86	290143	5.00	4.91	
* 98 Chrysene-d12	240	8.812	8.818	-0.006	98	1835520	40.0	40.0	
101 Chrysene	228	8.830	8.842	-0.012	91	292988	5.00	5.04	
102 Bis(2-ethylhexyl) phthalate	149	8.871	8.871	0.000	81	165866	5.00	4.33	
103 Di-n-octyl phthalate	149	9.495	9.500	-0.005	93	264180	5.00	4.22	
104 Benzo[b]fluoranthene	252	9.824	9.836	-0.012	98	254374	5.00	4.66	
105 Benzo[k]fluoranthene	252	9.853	9.865	-0.012	1	315835	5.00	5.05	
106 Benzo[a]pyrene	252	10.153	10.165	-0.012	97	245904	5.00	4.89	
* 107 Perylene-d12	264	10.218	10.224	-0.006	99	2090213	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	11.324	11.336	-0.012	90	254062	5.00	4.96	
109 Dibenz(a,h)anthracene	278	11.353	11.371	-0.018	42	269481	5.00	4.83	
110 Benzo[g,h,i]perylene	276	11.600	11.618	-0.018	95	264457	5.00	4.78	
S 117 Total Cresols	1				0			9.32	
131 2,6-Dichlorophenol	162	4.383	4.395	-0.012	77	62525	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SV_BNA_L4_00006 Amount Added: 1.00 Units: mL

Report Date: 30-Jul-2024 15:44:26 Chrom Revision: 2.3 16-Jul-2024 14:17:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20240730-179025.b\f62117.D

Injection Date: 30-Jul-2024 13:37:33 Instrument ID: CBNAMS15 Operator ID:

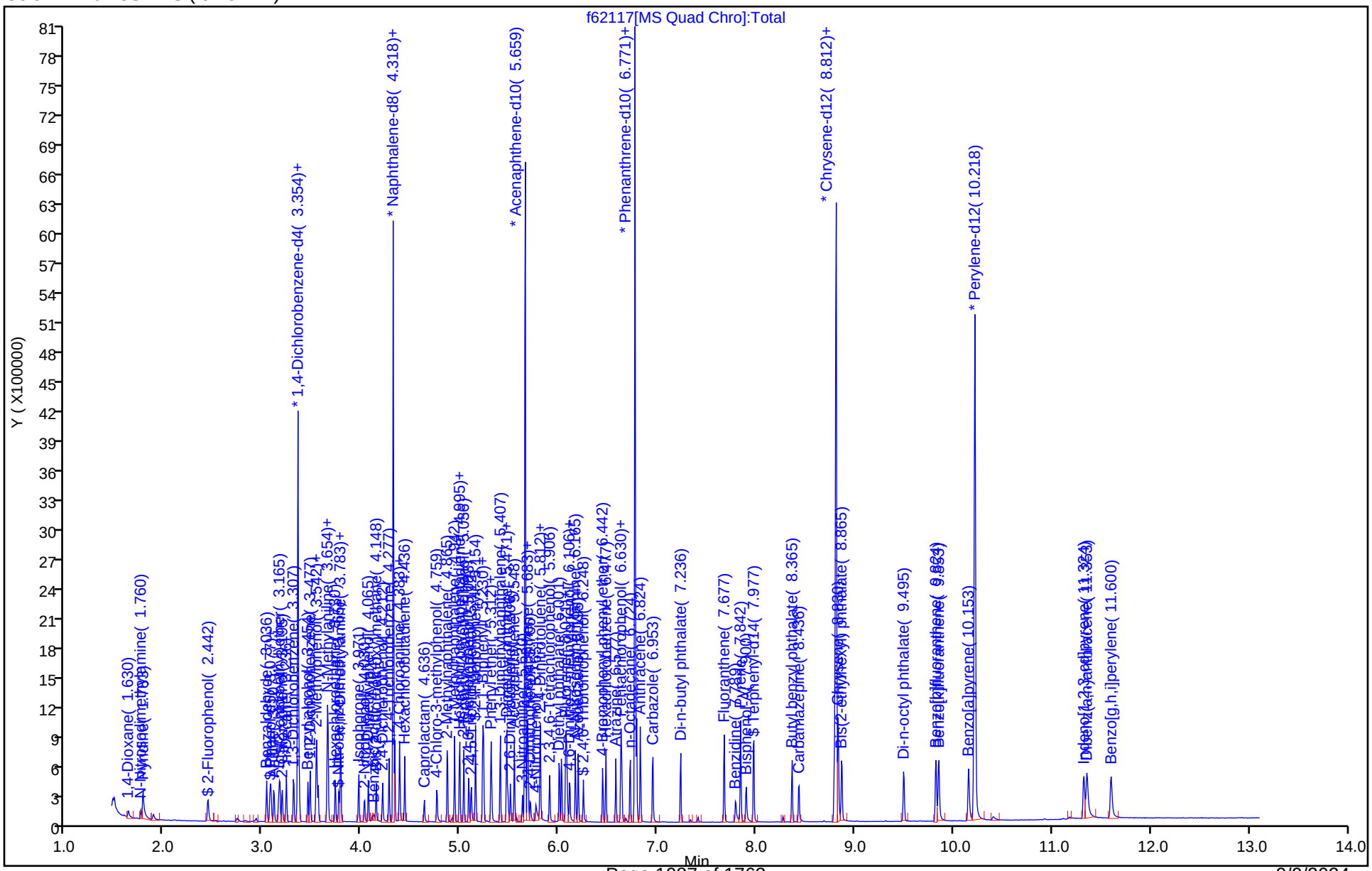
Lims ID: STD5 Worklist Smp#: 7

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 0

Method: 8270_15R_9 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20240730-179025.b\f62118.D
Lims ID: STD2
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 30-Jul-2024 13:55:02 ALS Bottle#: 0 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0179025-008
Operator ID: Instrument ID: CBNAMS15
Sublist: chrom-8270_15R_9*sub31

Method: \\chromfs\Edison\ChromData\CBNAMS15\20240730-179025.b\8270_15R_9.m
Limit Group: SV 8270E ICAL
Last Update: 30-Jul-2024 15:44:29 Calib Date: 30-Jul-2024 14:30:00
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20240730-179025.b\f62120.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1646

First Level Reviewer: LKI7 Date: 30-Jul-2024 14:31:54

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.636	1.636	0.000	92	15676	2.00	2.40	
3 Pyridine	79	1.783	1.783	0.000	96	53734	4.00	3.98	
$ 5 2-Fluorophenol	112	2.442	2.448	-0.006	91	29098	2.00	1.91	
7 Benzaldehyde	77	3.036	3.042	-0.006	94	23561	2.00	2.01	
$ 8 Phenol-d5	99	3.071	3.083	-0.012	0	33946	2.00	1.89	
11 Bis(2-chloroethyl)ether	93	3.160	3.171	-0.011	94	28478	2.00	2.01	
* 15 1,4-Dichlorobenzene-d4	152	3.354	3.360	-0.006	94	491081	40.0	40.0	
24 N-Nitrosodi-n-propylamine	70	3.660	3.671	-0.011	70	16448	2.00	1.98	
25 Hexachloroethane	117	3.730	3.736	-0.006	92	14521	2.00	2.08	
$ 26 Nitrobenzene-d5	82	3.771	3.777	-0.006	84	29736	2.00	1.87	
28 n,n'-Dimethylaniline	120	3.789	3.795	-0.006	88	48090	2.00	2.04	
27 Nitrobenzene	123	3.783	3.795	-0.012	94	14356	2.00	1.92	
29 Isophorone	82	3.971	3.983	-0.012	98	52234	2.00	1.89	
34 2,4-Dichlorophenol	162	4.212	4.218	-0.006	95	21125	2.00	1.64	
35 1,2,4-Trichlorobenzene	180	4.277	4.283	-0.006	92	30763	2.00	2.02	
* 36 Naphthalene-d8	136	4.318	4.324	-0.006	99	1818255	40.0	40.0	
39 Hexachlorobutadiene	225	4.436	4.442	-0.006	95	19546	2.00	2.15	
40 Caprolactam	113	4.630	4.671	-0.041	92	7138	2.00	1.88	
47 2,4,6-Trichlorophenol	196	5.089	5.089	0.000	92	16290	2.00	1.66	
$ 50 2-Fluorobiphenyl	172	5.154	5.159	-0.005	97	74006	2.00	2.02	
58 2,6-Dinitrotoluene	165	5.507	5.518	-0.011	73	12274	2.00	1.75	
* 61 Acenaphthene-d10	164	5.659	5.659	0.000	95	1003054	40.0	40.0	
64 2,4-Dinitrophenol	184	5.712	5.718	-0.006	80	6685	4.00	5.00	
67 2,4-Dinitrotoluene	165	5.807	5.818	-0.011	70	16462	2.00	1.71	
73 4,6-Dinitro-2-methylphenol	198	6.112	6.124	-0.012	73	15036	4.00	4.22	
$ 76 2,4,6-Tribromophenol	330	6.248	6.254	-0.006	90	15853	2.00	1.96	M
78 Hexachlorobenzene	284	6.477	6.483	-0.006	83	29142	2.00	2.06	
79 Atrazine	200	6.577	6.583	-0.006	91	19034	2.00	1.91	
80 Pentachlorophenol	266	6.630	6.636	-0.006	88	26845	4.00	3.16	
* 83 Phenanthrene-d10	188	6.771	6.777	-0.006	98	1996783	40.0	40.0	
88 Di-n-butyl phthalate	149	7.236	7.236	0.000	99	101982	2.00	1.78	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$ 93 Terphenyl-d14	244	7.977	7.977	0.000	96	100113	2.00	2.02	
99 3,3'-Dichlorobenzidine	252	8.795	8.795	0.000	84	38593	2.00	1.80	
100 Benzo[a]anthracene	228	8.800	8.806	-0.006	62	110808	2.00	1.96	
* 98 Chrysene-d12	240	8.812	8.818	-0.006	98	1756845	40.0	40.0	
104 Benzo[b]fluoranthene	252	9.824	9.836	-0.012	97	93866	2.00	1.79	
105 Benzo[k]fluoranthene	252	9.853	9.865	-0.012	1	120161	2.00	2.00	
106 Benzo[a]pyrene	252	10.153	10.165	-0.012	96	89153	2.00	1.84	
* 107 Perylene-d12	264	10.218	10.224	-0.006	99	2012560	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	11.324	11.336	-0.012	98	90950	2.00	1.95	
109 Dibenz(a,h)anthracene	278	11.359	11.371	-0.012	42	100406	2.00	1.87	M
110 Benzo[g,h,i]perylene	276	11.600	11.618	-0.018	92	104337	2.00	1.96	M
131 2,6-Dichlorophenol	162	4.389	4.395	-0.006	94	24013	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Review Flags

M - Manually Integrated

Reagents:

SV_BNA_L3_00006 Amount Added: 1.00 Units: mL

Report Date: 30-Jul-2024 15:44:31 Chrom Revision: 2.3 16-Jul-2024 14:17:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20240730-179025.b\f62118.D

Injection Date: 30-Jul-2024 13:55:02 Instrument ID: CBNAMS15 Operator ID:

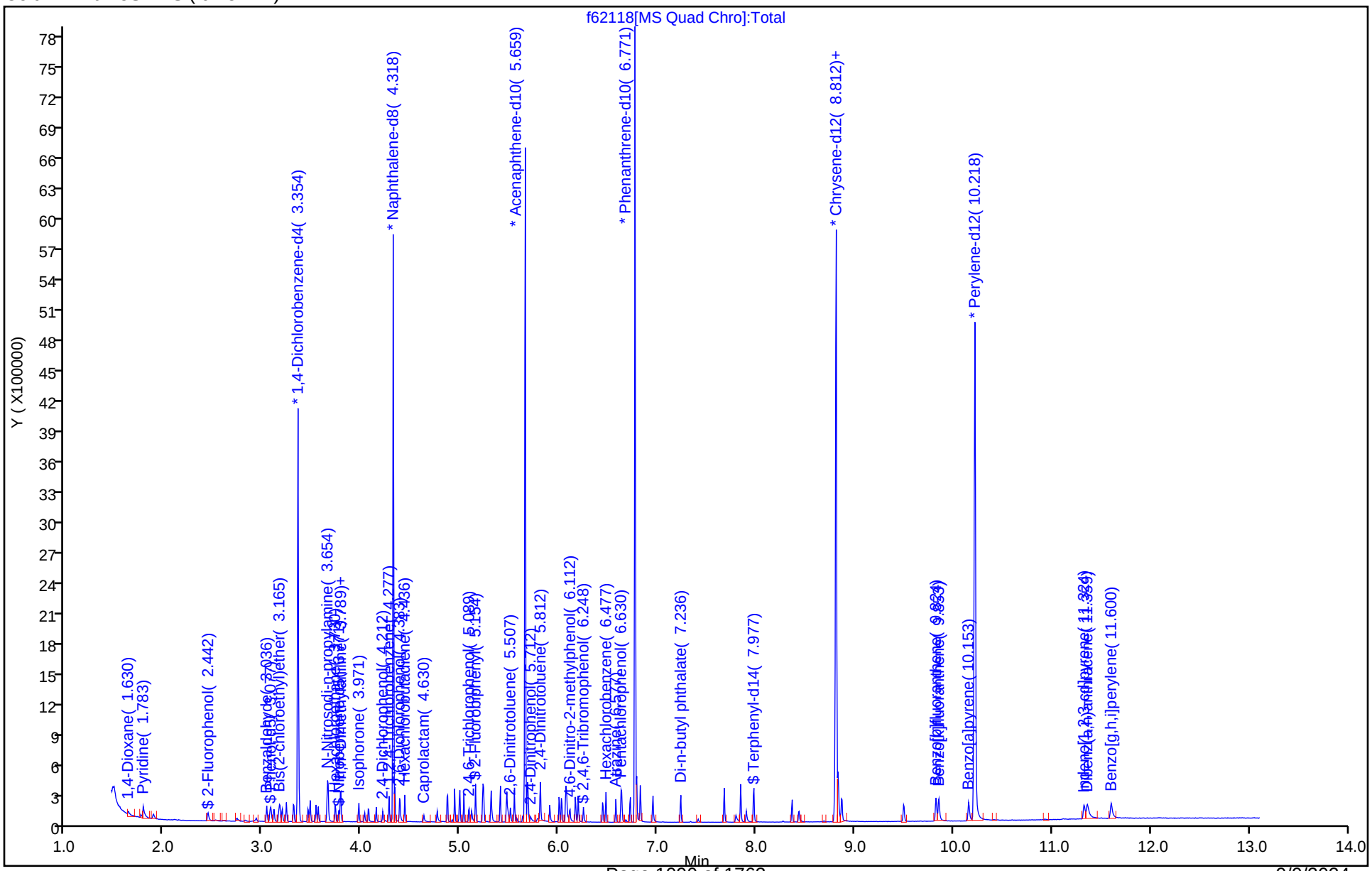
Lims ID: STD2 Worklist Smp#: 8

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 0

Method: 8270_15R_9 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



9/9/2024
1:05:41 PM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20240730-179025.b\f62119.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 30-Jul-2024 14:12:32 ALS Bottle#: 0 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0179025-009
Operator ID: Instrument ID: CBNAMS15
Sublist: chrom-8270_15R_9*sub31

Method: \\chromfs\Edison\ChromData\CBNAMS15\20240730-179025.b\8270_15R_9.m
Limit Group: SV 8270E ICAL
Last Update: 30-Jul-2024 15:44:33 Calib Date: 30-Jul-2024 14:30:00
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20240730-179025.b\f62120.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1646

First Level Reviewer: LKI7 Date: 30-Jul-2024 14:33:05

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.636	1.636	0.000	68	7808	1.00	1.18	
3 Pyridine	79	1.789	1.783	0.006	92	26849	2.00	1.97	
$ 5 2-Fluorophenol	112	2.442	2.448	-0.006	90	13828	1.00	0.8971	
7 Benzaldehyde	77	3.036	3.042	-0.006	89	12193	1.00	1.03	M
$ 8 Phenol-d5	99	3.071	3.083	-0.012	0	16209	1.00	0.8894	
11 Bis(2-chloroethyl)ether	93	3.160	3.171	-0.011	91	13357	1.00	0.9327	
* 15 1,4-Dichlorobenzene-d4	152	3.354	3.360	-0.006	94	497097	40.0	40.0	
24 N-Nitrosodi-n-propylamine	70	3.660	3.671	-0.011	68	7583	1.00	0.9033	
25 Hexachloroethane	117	3.730	3.736	-0.006	87	6882	1.00	0.9761	
$ 26 Nitrobenzene-d5	82	3.771	3.777	-0.006	81	15522	1.00	0.9733	
27 Nitrobenzene	123	3.783	3.795	-0.012	94	7512	1.00	0.99	
28 n,n'-Dimethylaniline	120	3.789	3.795	-0.006	84	21992	1.00	0.9229	
35 1,2,4-Trichlorobenzene	180	4.277	4.283	-0.006	91	15324	1.00	1.00	
* 36 Naphthalene-d8	136	4.318	4.324	-0.006	99	1822806	40.0	40.0	
39 Hexachlorobutadiene	225	4.436	4.442	-0.006	88	8741	1.00	0.9578	
40 Caprolactam	113	4.630	4.671	-0.041	77	3275	1.00	0.8623	
$ 50 2-Fluorobiphenyl	172	5.154	5.159	-0.005	96	35209	1.00	0.9530	
58 2,6-Dinitrotoluene	165	5.507	5.518	-0.011	67	6224	1.00	0.8822	
* 61 Acenaphthene-d10	164	5.660	5.659	0.001	95	1010001	40.0	40.0	
67 2,4-Dinitrotoluene	165	5.812	5.818	-0.006	55	7319	1.00	0.7569	
$ 76 2,4,6-Tribromophenol	330	6.254	6.254	0.000	55	6913	1.00	0.8484	
78 Hexachlorobenzene	284	6.477	6.483	-0.006	83	14547	1.00	1.02	
79 Atrazine	200	6.577	6.583	-0.006	82	9110	1.00	0.9076	
* 83 Phenanthrene-d10	188	6.771	6.777	-0.006	98	2010585	40.0	40.0	
$ 93 Terphenyl-d14	244	7.977	7.977	0.000	94	47253	1.00	0.9434	
100 Benzo[a]anthracene	228	8.801	8.806	-0.005	54	56354	1.00	0.9849	
* 98 Chrysene-d12	240	8.812	8.818	-0.006	98	1776596	40.0	40.0	
104 Benzo[b]fluoranthene	252	9.824	9.836	-0.012	96	47468	1.00	0.8926	
105 Benzo[k]fluoranthene	252	9.853	9.865	-0.012	92	54066	1.00	0.8878	
106 Benzo[a]pyrene	252	10.159	10.165	-0.006	96	39925	1.00	0.8150	
* 107 Perylene-d12	264	10.218	10.224	-0.006	99	2036945	40.0	40.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
108 Indeno[1,2,3-cd]pyrene	276	11.330	11.336	-0.006	97	40573	1.00	0.9359	M
109 Dibenz(a,h)anthracene	278	11.365	11.371	-0.006	38	50688	1.00	0.9318	M
110 Benzo[g,h,i]perylene	276	11.606	11.618	-0.012	87	52097	1.00	0.9653	M

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

SV_BNA_L2_00006 Amount Added: 1.00 Units: mL

Report Date: 30-Jul-2024 15:44:35 Chrom Revision: 2.3 16-Jul-2024 14:17:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20240730-179025.b\f62119.D

Injection Date: 30-Jul-2024 14:12:32 Instrument ID: CBNAMS15 Operator ID:

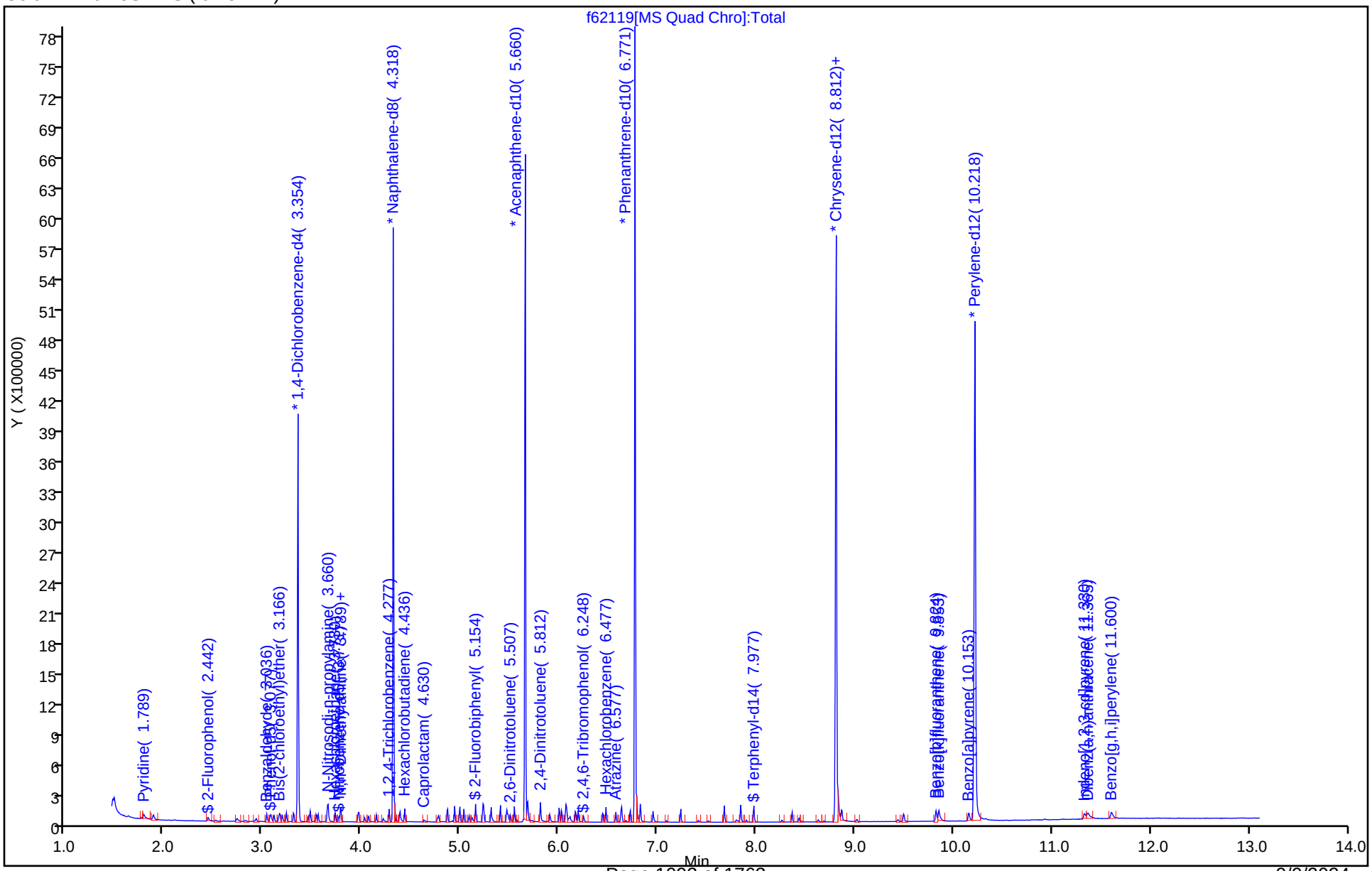
Lims ID: STD1 Worklist Smp#: 9

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 0

Method: 8270_15R_9 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



9/9/2024
1:05:41 PM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20240730-179025.b\f62120.D
Lims ID: STD05
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 30-Jul-2024 14:30:00 ALS Bottle#: 0 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0179025-010
Operator ID: Instrument ID: CBNAMS15
Sublist: chrom-8270_15R_9*sub31

Method: \\chromfs\Edison\ChromData\CBNAMS15\20240730-179025.b\8270_15R_9.m
Limit Group: SV 8270E ICAL
Last Update: 30-Jul-2024 15:44:37 Calib Date: 30-Jul-2024 14:30:00
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20240730-179025.b\f62120.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1646

First Level Reviewer: LKI7 Date: 30-Jul-2024 15:24:10

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.636	1.636	0.000	66	4100	0.5000	0.6478	
$ 8 Phenol-d5	99	3.071	3.083	-0.012	0	6755	0.5000	0.3878	
11 Bis(2-chloroethyl)ether	93	3.160	3.171	-0.011	80	6195	0.5000	0.4526	
* 15 1,4-Dichlorobenzene-d4	152	3.354	3.360	-0.006	94	475098	40.0	40.0	
24 N-Nitrosodi-n-propylamine	70	3.660	3.671	-0.011	58	3584	0.5000	0.4467	
25 Hexachloroethane	117	3.730	3.736	-0.006	84	3425	0.5000	0.5083	
$ 26 Nitrobenzene-d5	82	3.771	3.777	-0.006	72	6529	0.5000	0.4304	
28 n,n'-Dimethylaniline	120	3.789	3.795	-0.006	85	10206	0.5000	0.4481	
27 Nitrobenzene	123	3.783	3.795	-0.012	94	3108	0.5000	0.4292	
35 1,2,4-Trichlorobenzene	180	4.277	4.283	-0.006	88	7067	0.5000	0.4867	
* 36 Naphthalene-d8	136	4.318	4.324	-0.006	99	1733974	40.0	40.0	
$ 50 2-Fluorobiphenyl	172	5.154	5.159	-0.005	92	15129	0.5000	0.4283	
* 61 Acenaphthene-d10	164	5.660	5.659	0.001	95	965777	40.0	40.0	
78 Hexachlorobenzene	284	6.477	6.483	-0.006	76	6409	0.5000	0.4764	
* 83 Phenanthrene-d10	188	6.771	6.777	-0.006	98	1897650	40.0	40.0	
$ 93 Terphenyl-d14	244	7.977	7.977	0.000	87	20204	0.5000	0.4270	
100 Benzo[a]anthracene	228	8.801	8.806	-0.005	49	26553	0.5000	0.4912	
* 98 Chrysene-d12	240	8.812	8.818	-0.006	98	1678455	40.0	40.0	
104 Benzo[b]fluoranthene	252	9.824	9.836	-0.012	89	19515	0.5000	0.3896	
105 Benzo[k]fluoranthene	252	9.853	9.865	-0.012	42	25297	0.5000	0.4409	
106 Benzo[a]pyrene	252	10.159	10.165	-0.006	91	18428	0.5000	0.3993	
* 107 Perylene-d12	264	10.218	10.224	-0.006	99	1918890	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	11.336	11.336	0.000	89	18339	0.5000	0.5193	M
109 Dibenz(a,h)anthracene	278	11.377	11.371	0.006	45	17976	0.5000	0.3508	
110 Benzo[g,h,i]perylene	276	11.606	11.618	-0.012	81	21551	0.5000	0.4239	

QC Flag Legend
Processing Flags

Review Flags
M - Manually Integrated

Reagents:

SV_BNA_L1_00006 Amount Added: 1.00 Units: mL

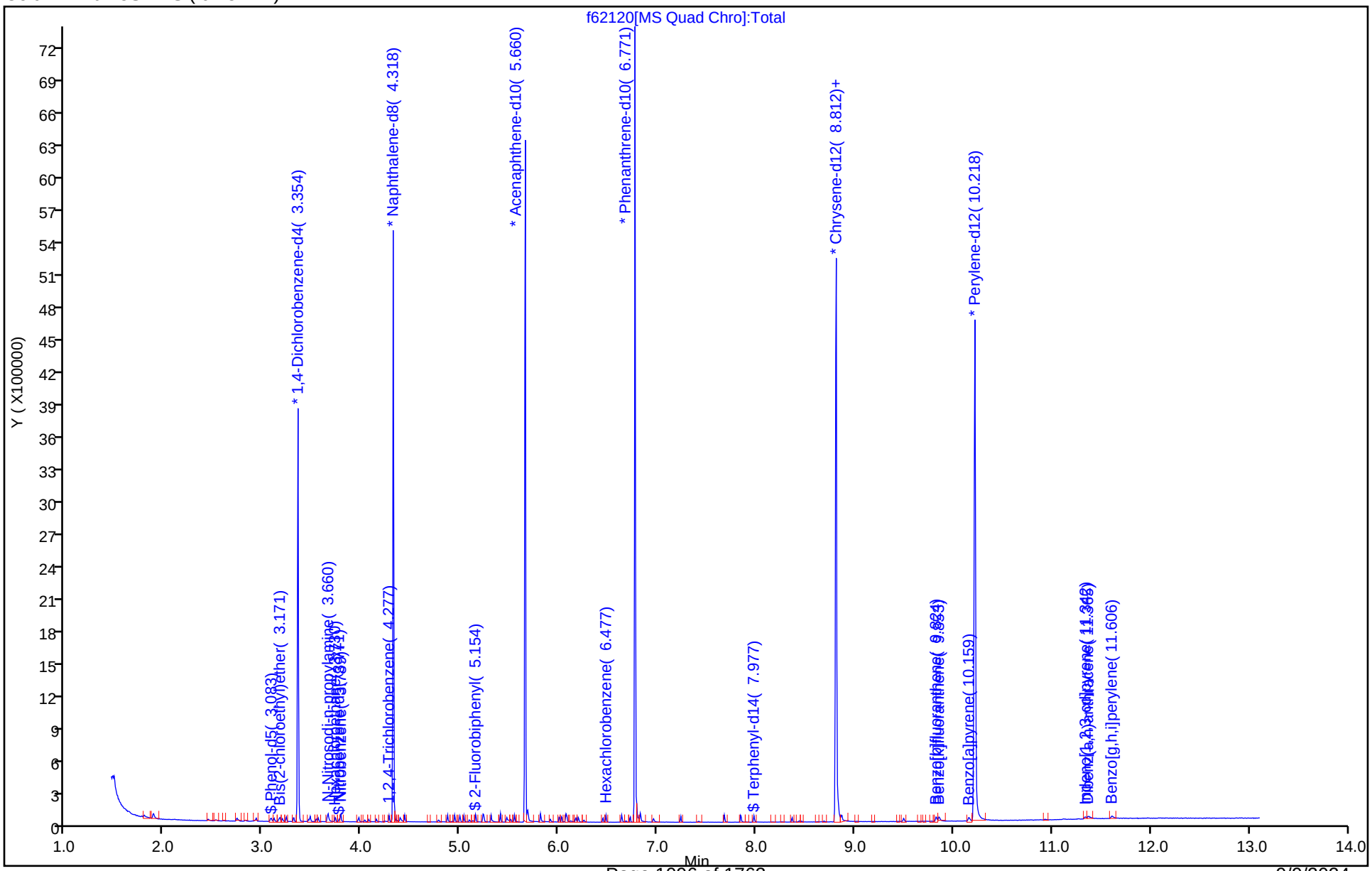
Report Date: 30-Jul-2024 15:44:39 Chrom Revision: 2.3 16-Jul-2024 14:17:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20240730-179025.b\f62120.D

Injection Date:	30-Jul-2024 14:30:00	Instrument ID:	CBNAMS15	Operator ID:	
Lims ID:	STD05			Worklist Smp#:	10
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



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Calibration / 1,4-Dioxane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

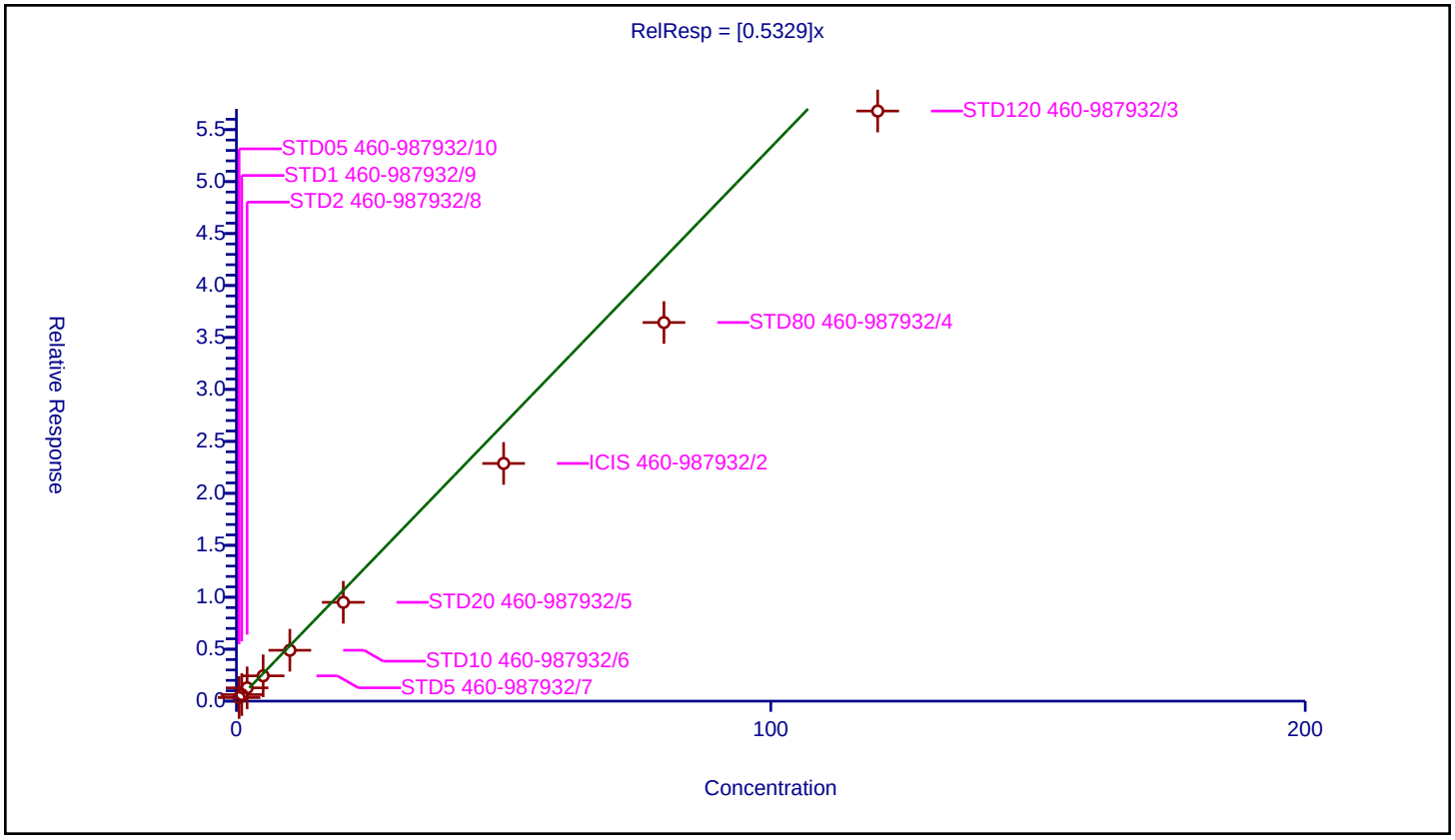
Curve Coefficients

Intercept:	0
Slope:	0.5329

Error Coefficients

Relative Standard Deviation:	17.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-987932/10	0.5	0.345192	40.0	475098.0	0.690384	Y
2	STD1 460-987932/9	1.0	0.628288	40.0	497097.0	0.628288	Y
3	STD2 460-987932/8	2.0	1.276857	40.0	491081.0	0.638428	Y
4	STD5 460-987932/7	5.0	2.434348	40.0	508095.0	0.48687	Y
5	STD10 460-987932/6	10.0	4.897668	40.0	501259.0	0.489767	Y
6	STD20 460-987932/5	20.0	9.511801	40.0	494245.0	0.47559	Y
7	ICIS 460-987932/2	50.0	22.877144	40.0	564240.0	0.457543	Y
8	STD80 460-987932/4	80.0	36.442773	40.0	526365.0	0.455535	Y
9	STD120 460-987932/3	120.0	56.794326	40.0	518175.0	0.473286	Y



9/9/2024
1:05:41 PM

Calibration / N-Nitrosodimethylamine

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

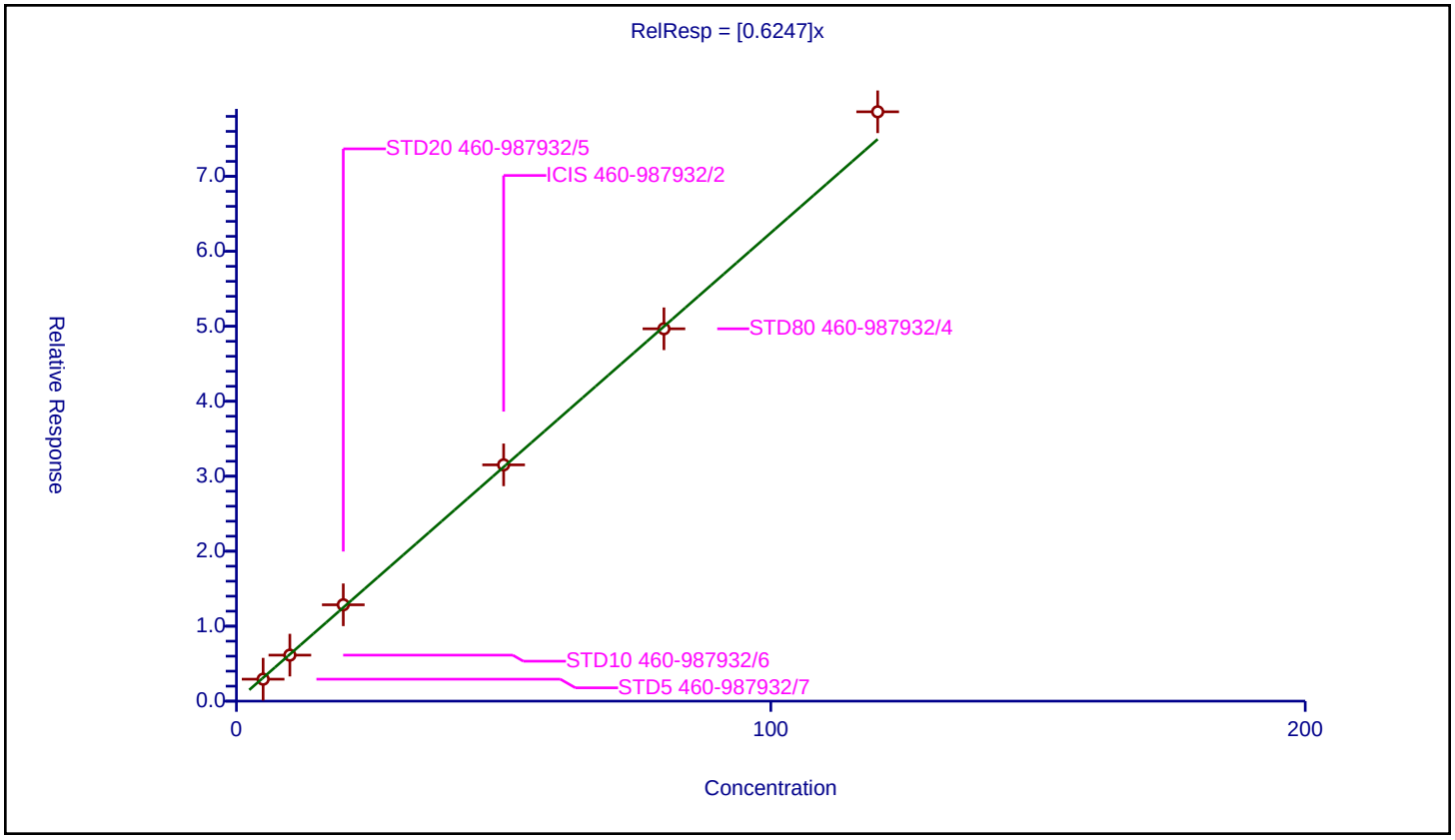
Curve Coefficients

Intercept:	0
Slope:	0.6247

Error Coefficients

Relative Standard Deviation:	3.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-987932/7	5.0	2.927799	40.0	508095.0	0.58556	Y
2	STD10 460-987932/6	10.0	6.136468	40.0	501259.0	0.613647	Y
3	STD20 460-987932/5	20.0	12.851278	40.0	494245.0	0.642564	Y
4	ICIS 460-987932/2	50.0	31.51673	40.0	564240.0	0.630335	Y
5	STD80 460-987932/4	80.0	49.6685	40.0	526365.0	0.620856	Y
6	STD120 460-987932/3	120.0	78.612824	40.0	518175.0	0.655107	Y



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1:05:41 PM

Calibration / Pyridine

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

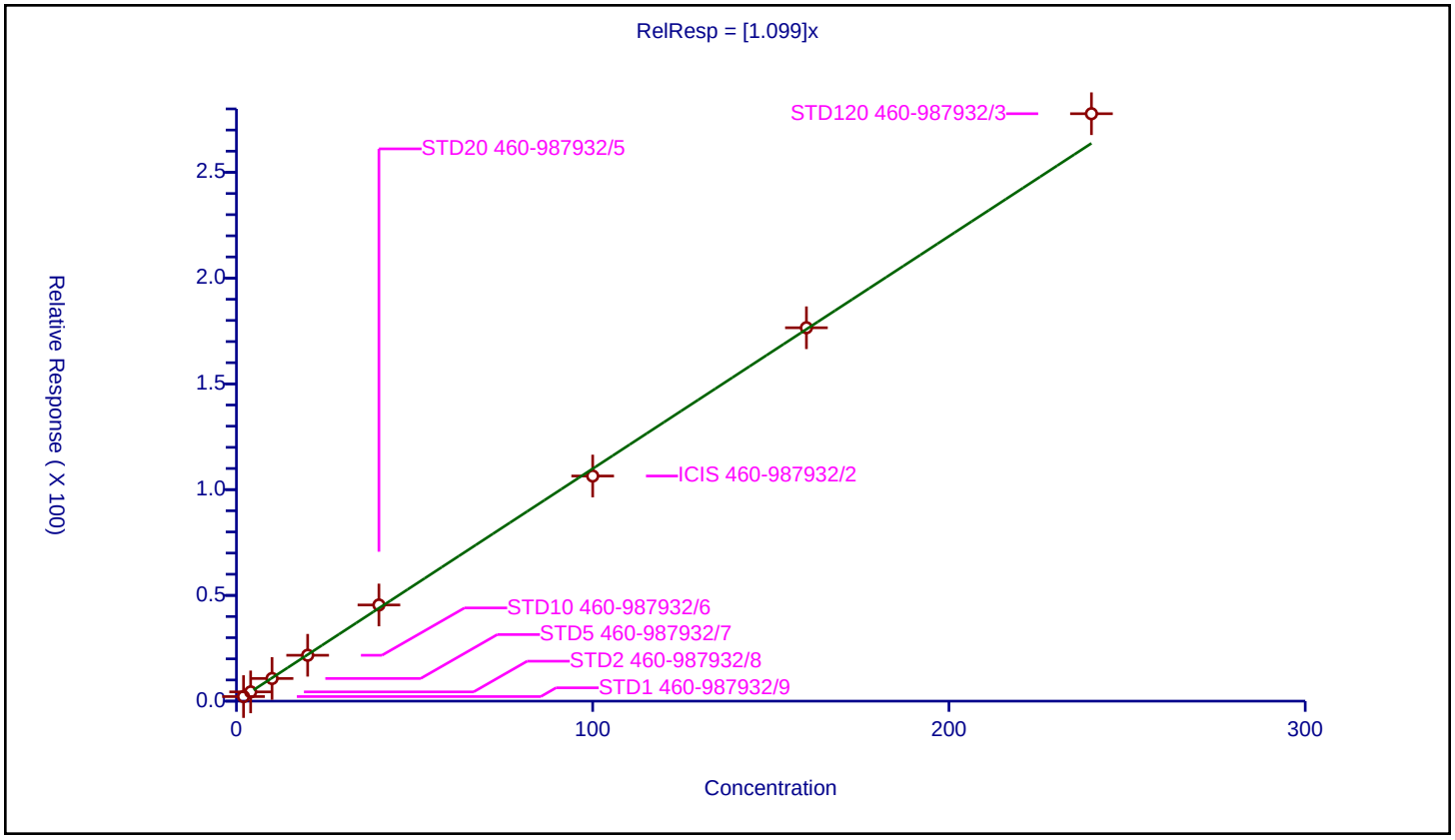
Curve Coefficients

Intercept:	0
Slope:	1.099

Error Coefficients

Relative Standard Deviation:	3.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987932/9	2.0	2.160464	40.0	497097.0	1.080232	Y
2	STD2 460-987932/8	4.0	4.376793	40.0	491081.0	1.094198	Y
3	STD5 460-987932/7	10.0	10.705163	40.0	508095.0	1.070516	Y
4	STD10 460-987932/6	20.0	21.694493	40.0	501259.0	1.084725	Y
5	STD20 460-987932/5	40.0	45.459236	40.0	494245.0	1.136481	Y
6	ICIS 460-987932/2	100.0	106.429392	40.0	564240.0	1.064294	Y
7	STD80 460-987932/4	160.0	176.533014	40.0	526365.0	1.103331	Y
8	STD120 460-987932/3	240.0	277.722005	40.0	518175.0	1.157175	Y



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Calibration / 2-Fluorophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

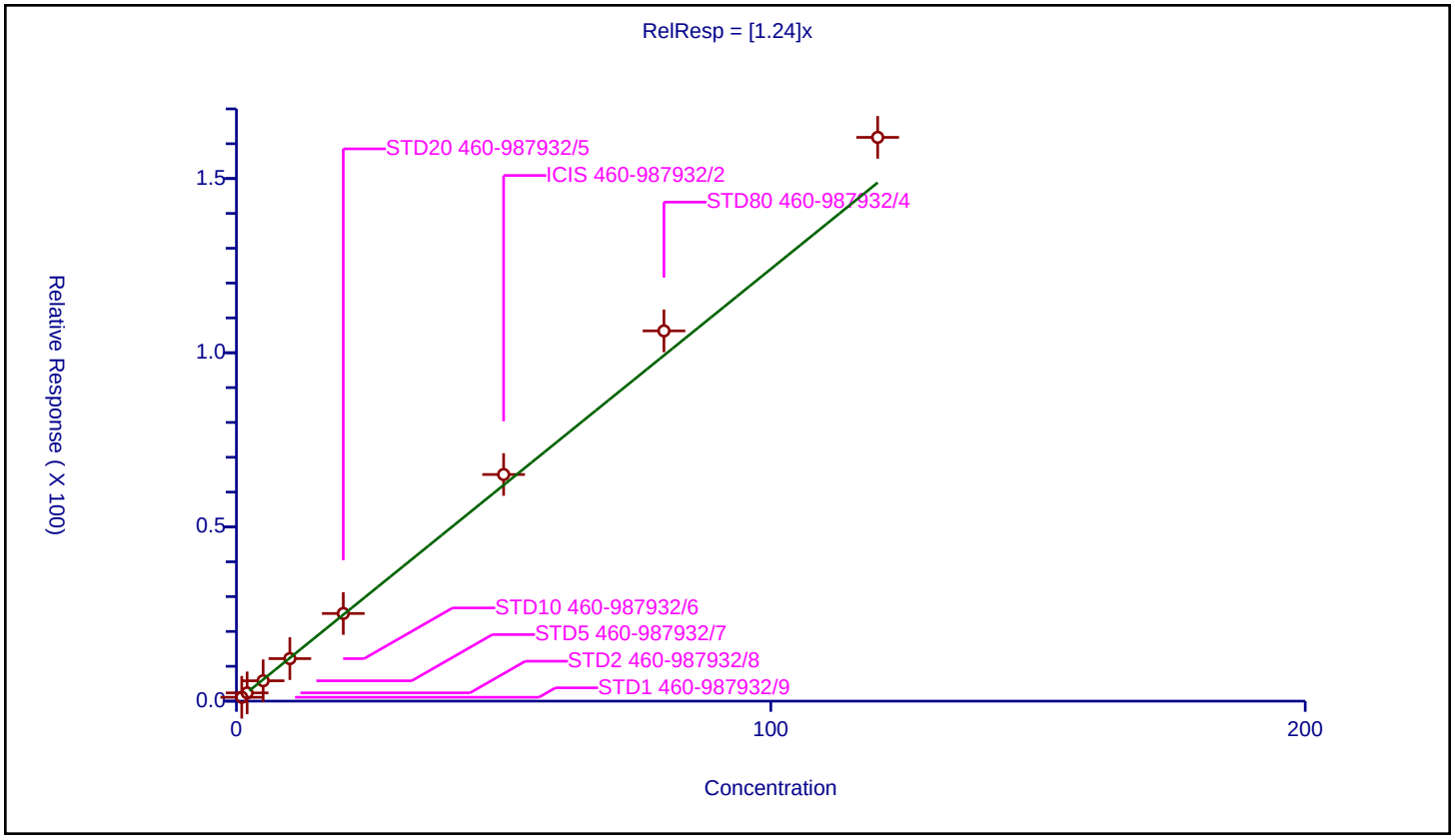
Curve Coefficients

Intercept:	0
Slope:	1.24

Error Coefficients

Relative Standard Deviation:	6.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987932/9	1.0	1.1127	40.0	497097.0	1.1127	Y
2	STD2 460-987932/8	2.0	2.370118	40.0	491081.0	1.185059	Y
3	STD5 460-987932/7	5.0	5.841034	40.0	508095.0	1.168207	Y
4	STD10 460-987932/6	10.0	12.205826	40.0	501259.0	1.220583	Y
5	STD20 460-987932/5	20.0	25.16072	40.0	494245.0	1.258036	Y
6	ICIS 460-987932/2	50.0	65.056146	40.0	564240.0	1.301123	Y
7	STD80 460-987932/4	80.0	106.284878	40.0	526365.0	1.328561	Y
8	STD120 460-987932/3	120.0	161.826178	40.0	518175.0	1.348551	Y



9/9/2024
1:05:41 PM

Calibration / Benzaldehyde

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

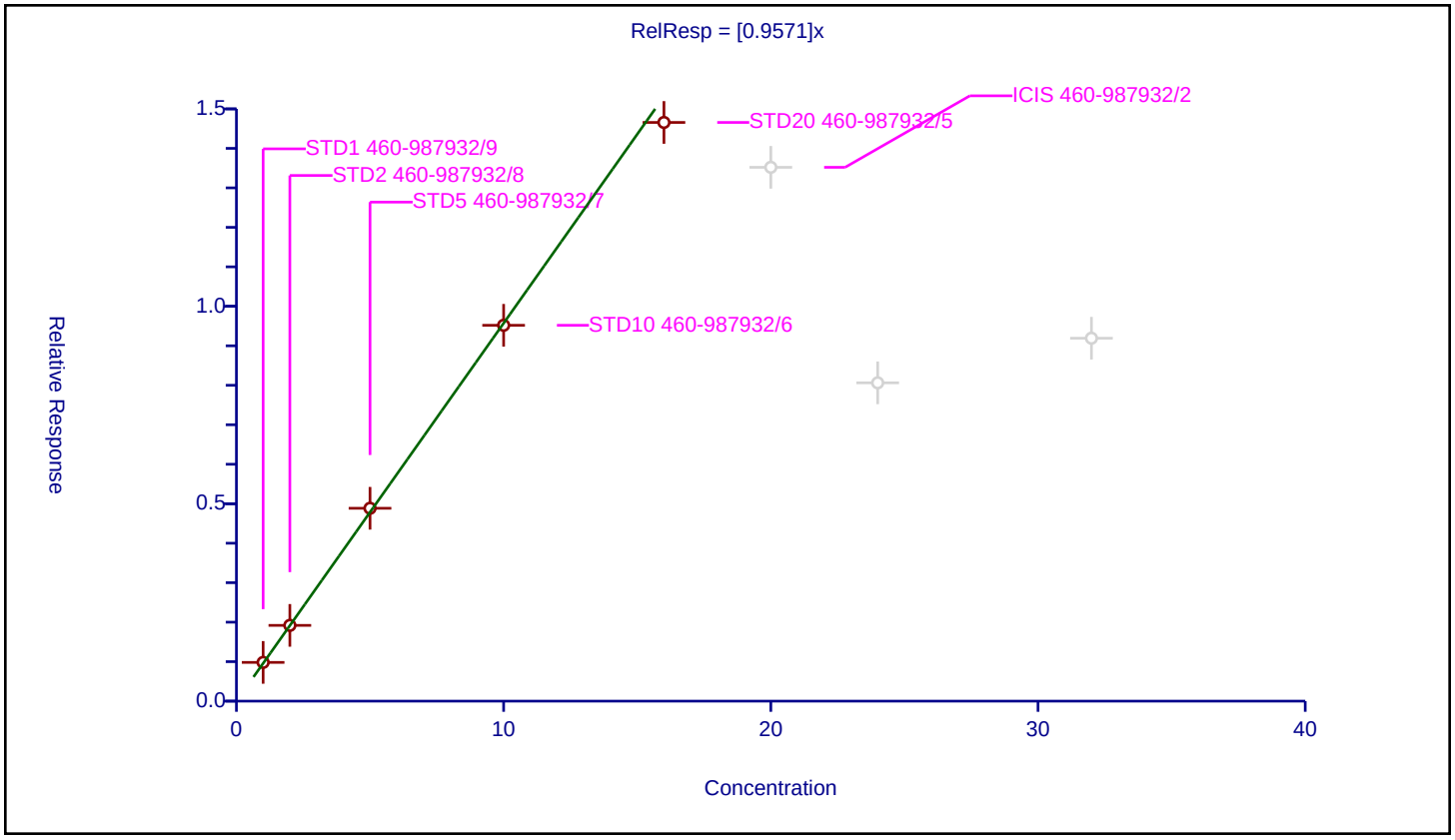
Curve Coefficients

Intercept:	0
Slope:	0.9571

Error Coefficients

Relative Standard Deviation:	2.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987932/9	1.0	0.981136	40.0	497097.0	0.981136	Y
2	STD2 460-987932/8	2.0	1.919113	40.0	491081.0	0.959557	Y
3	STD5 460-987932/7	5.0	4.884913	40.0	508095.0	0.976983	Y
4	STD10 460-987932/6	10.0	9.519151	40.0	501259.0	0.951915	Y
5	STD20 460-987932/5	16.0	14.656941	40.0	494245.0	0.916059	Y
6	ICIS 460-987932/2	20.0	13.519991	40.0	564240.0	0.676	N
7	STD80 460-987932/4	24.0	8.061858	40.0	526365.0	0.335911	N
8	STD120 460-987932/3	32.0	9.192107	40.0	518175.0	0.287253	N



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1:05:41 PM

Calibration / Phenol-d5

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

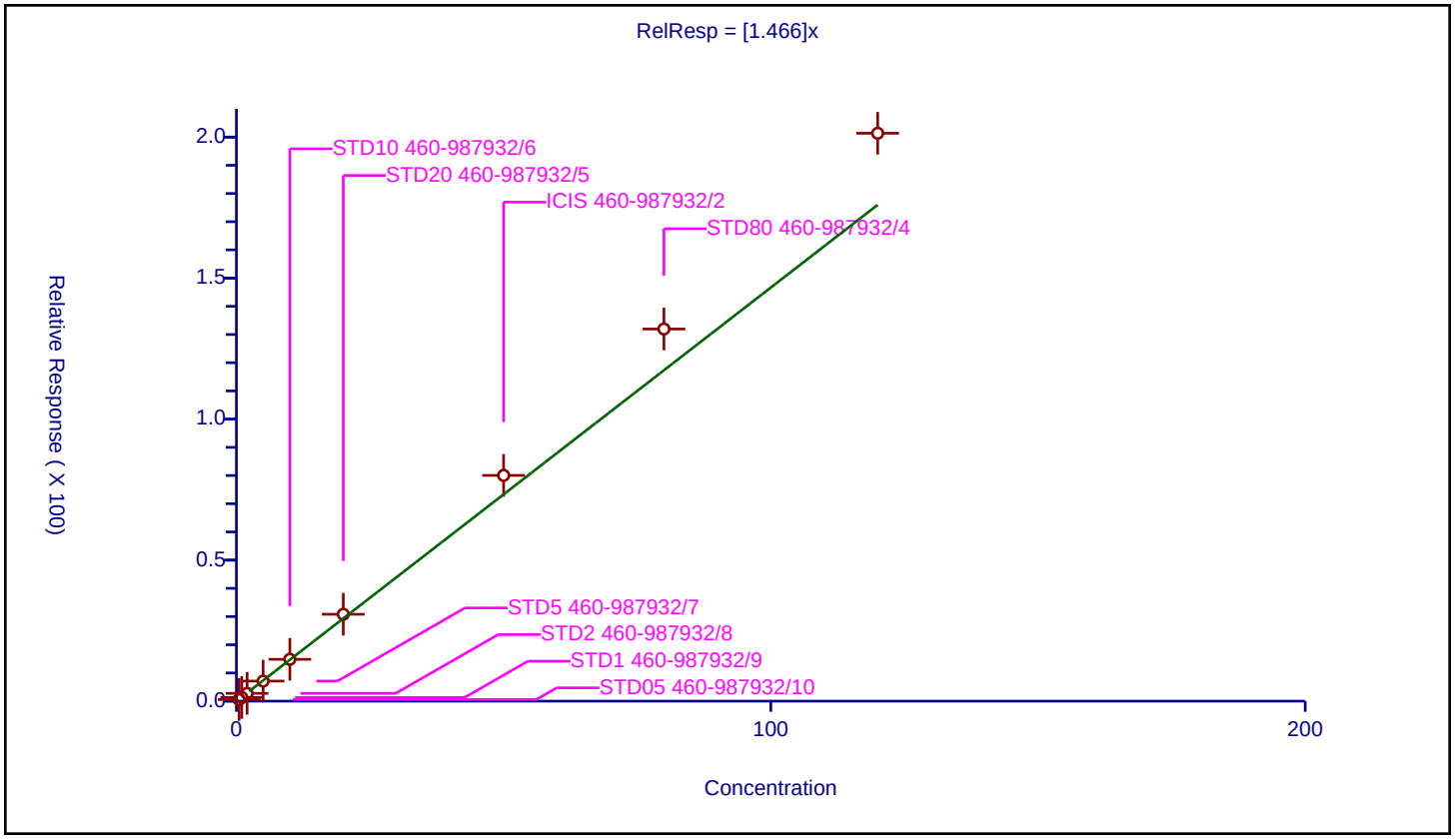
Curve Coefficients

Intercept:	0
Slope:	1.466

Error Coefficients

Relative Standard Deviation:	11.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-987932/10	0.5	0.568725	40.0	475098.0	1.13745	Y
2	STD1 460-987932/9	1.0	1.304293	40.0	497097.0	1.304293	Y
3	STD2 460-987932/8	2.0	2.765002	40.0	491081.0	1.382501	Y
4	STD5 460-987932/7	5.0	7.111505	40.0	508095.0	1.422301	Y
5	STD10 460-987932/6	10.0	14.834806	40.0	501259.0	1.483481	Y
6	STD20 460-987932/5	20.0	30.798976	40.0	494245.0	1.539949	Y
7	ICIS 460-987932/2	50.0	80.046505	40.0	564240.0	1.60093	Y
8	STD80 460-987932/4	80.0	131.947375	40.0	526365.0	1.649342	Y
9	STD120 460-987932/3	120.0	201.359772	40.0	518175.0	1.677998	Y



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Calibration / Phenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

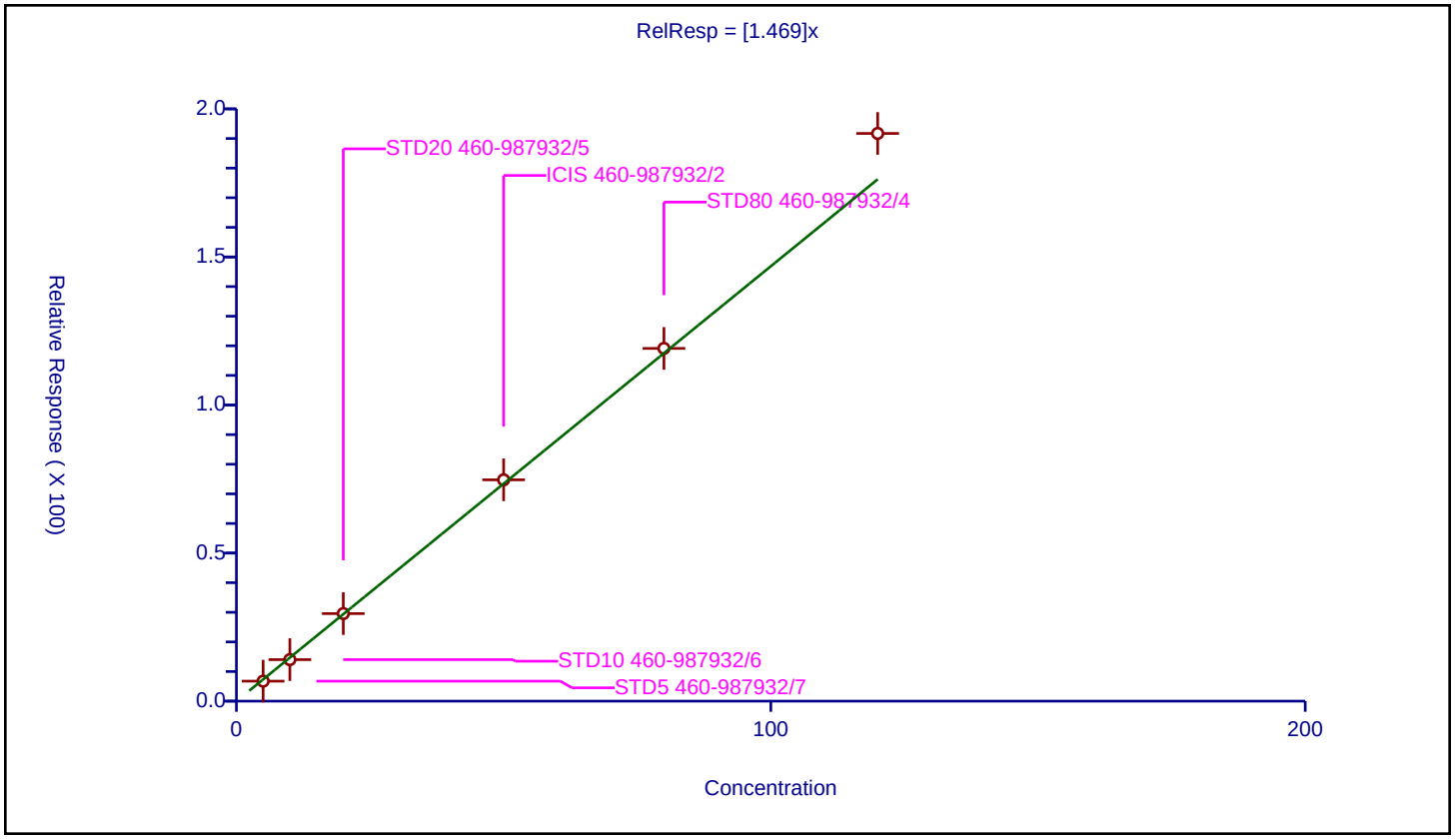
Curve Coefficients

Intercept:	0
Slope:	1.469

Error Coefficients

Relative Standard Deviation:	5.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-987932/7	5.0	6.747163	40.0	508095.0	1.349433	Y
2	STD10 460-987932/6	10.0	14.020616	40.0	501259.0	1.402062	Y
3	STD20 460-987932/5	20.0	29.571488	40.0	494245.0	1.478574	Y
4	ICIS 460-987932/2	50.0	74.733021	40.0	564240.0	1.49466	Y
5	STD80 460-987932/4	80.0	119.115747	40.0	526365.0	1.488947	Y
6	STD120 460-987932/3	120.0	191.708747	40.0	518175.0	1.597573	Y



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Calibration / Aniline

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

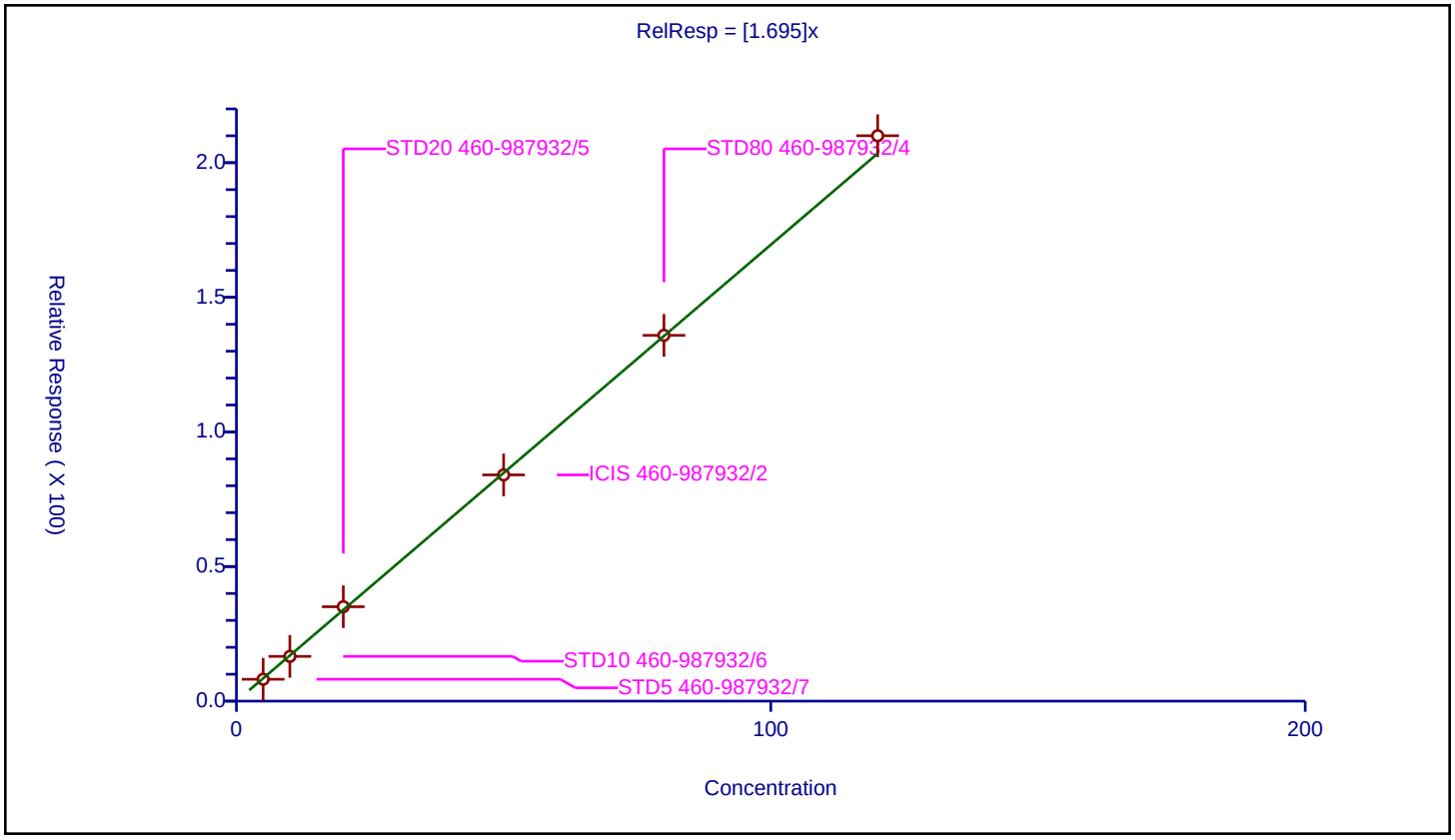
Curve Coefficients

Intercept:	0
Slope:	1.695

Error Coefficients

Relative Standard Deviation:	2.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-987932/7	5.0	8.131865	40.0	508095.0	1.626373	Y
2	STD10 460-987932/6	10.0	16.62414	40.0	501259.0	1.662414	Y
3	STD20 460-987932/5	20.0	35.069975	40.0	494245.0	1.753499	Y
4	ICIS 460-987932/2	50.0	84.043031	40.0	564240.0	1.680861	Y
5	STD80 460-987932/4	80.0	135.884415	40.0	526365.0	1.698555	Y
6	STD120 460-987932/3	120.0	210.02889	40.0	518175.0	1.750241	Y



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Calibration / Bis(2-chloroethyl)ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

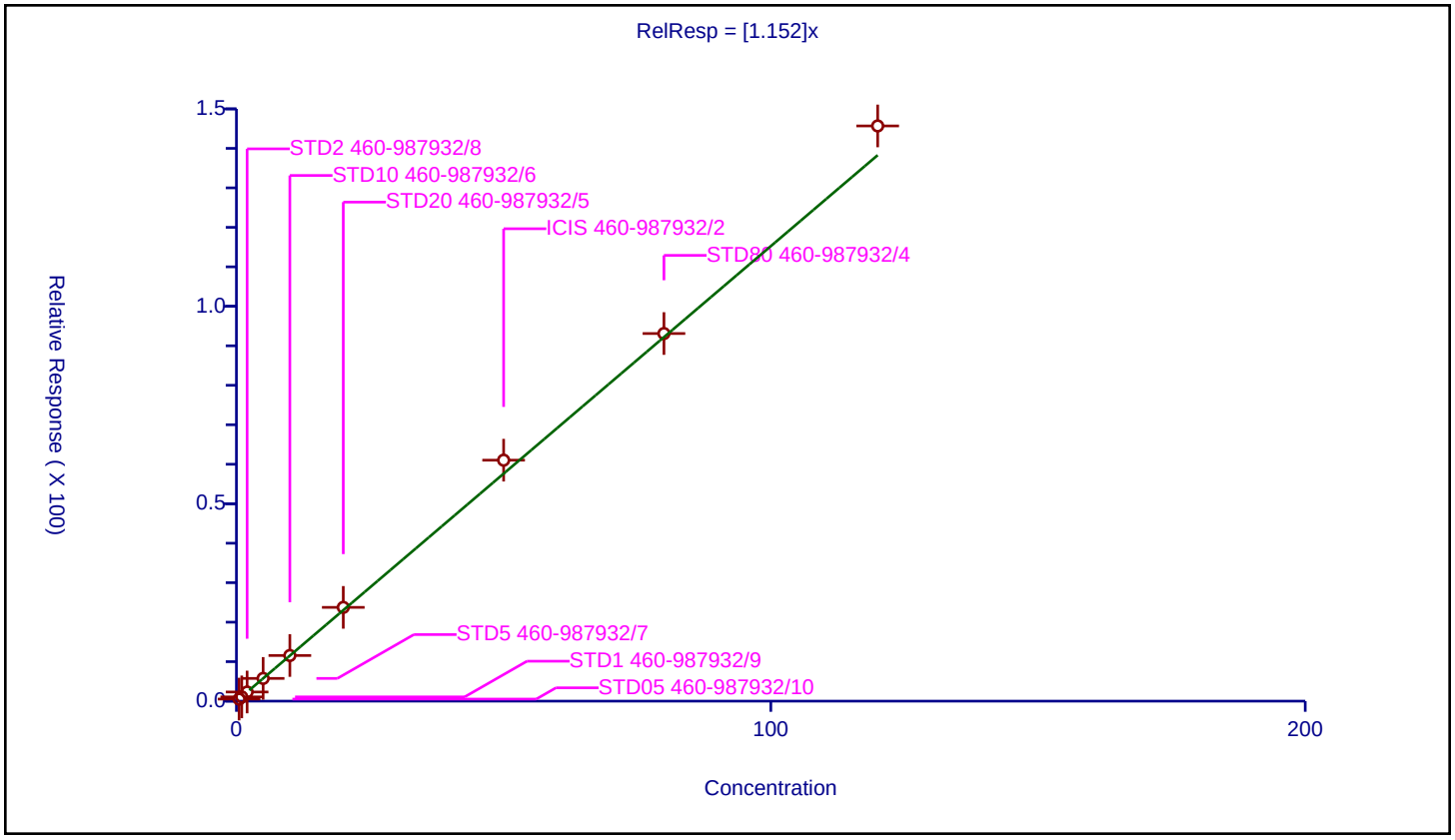
Curve Coefficients

Intercept:	0
Slope:	1.152

Error Coefficients

Relative Standard Deviation:	5.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-987932/10	0.5	0.521577	40.0	475098.0	1.043153	Y
2	STD1 460-987932/9	1.0	1.0748	40.0	497097.0	1.0748	Y
3	STD2 460-987932/8	2.0	2.319617	40.0	491081.0	1.159809	Y
4	STD5 460-987932/7	5.0	5.758608	40.0	508095.0	1.151722	Y
5	STD10 460-987932/6	10.0	11.561847	40.0	501259.0	1.156185	Y
6	STD20 460-987932/5	20.0	23.745632	40.0	494245.0	1.187282	Y
7	ICIS 460-987932/2	50.0	61.029775	40.0	564240.0	1.220595	Y
8	STD80 460-987932/4	80.0	93.106343	40.0	526365.0	1.163829	Y
9	STD120 460-987932/3	120.0	145.685299	40.0	518175.0	1.214044	Y



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Calibration / 2-Chlorophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

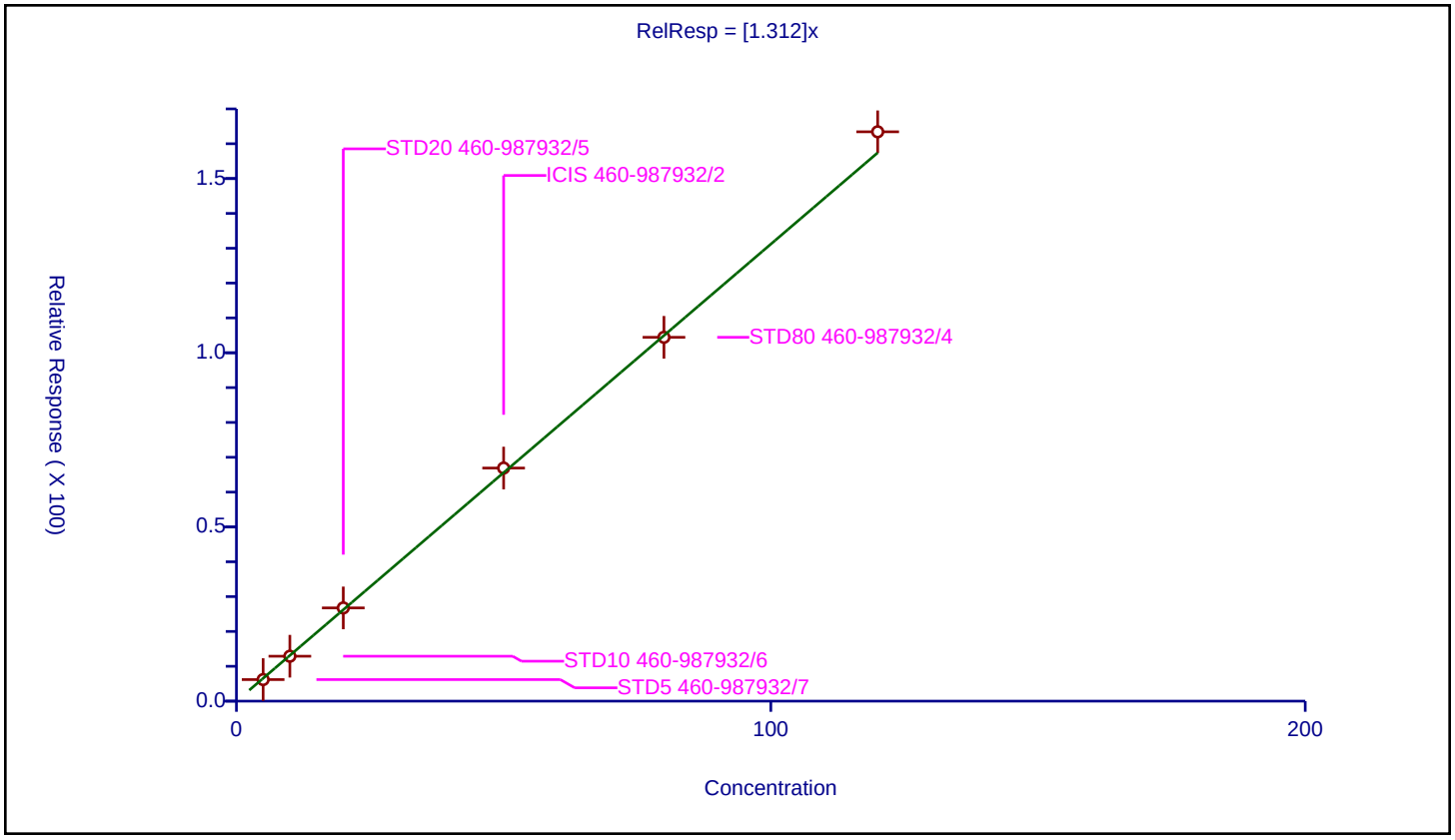
Curve Coefficients

Intercept:	0
Slope:	1.312

Error Coefficients

Relative Standard Deviation:	3.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-987932/7	5.0	6.189236	40.0	508095.0	1.237847	Y
2	STD10 460-987932/6	10.0	12.891858	40.0	501259.0	1.289186	Y
3	STD20 460-987932/5	20.0	26.763002	40.0	494245.0	1.33815	Y
4	ICIS 460-987932/2	50.0	66.909258	40.0	564240.0	1.338185	Y
5	STD80 460-987932/4	80.0	104.438859	40.0	526365.0	1.305486	Y
6	STD120 460-987932/3	120.0	163.425329	40.0	518175.0	1.361878	Y



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Calibration / n-Decane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

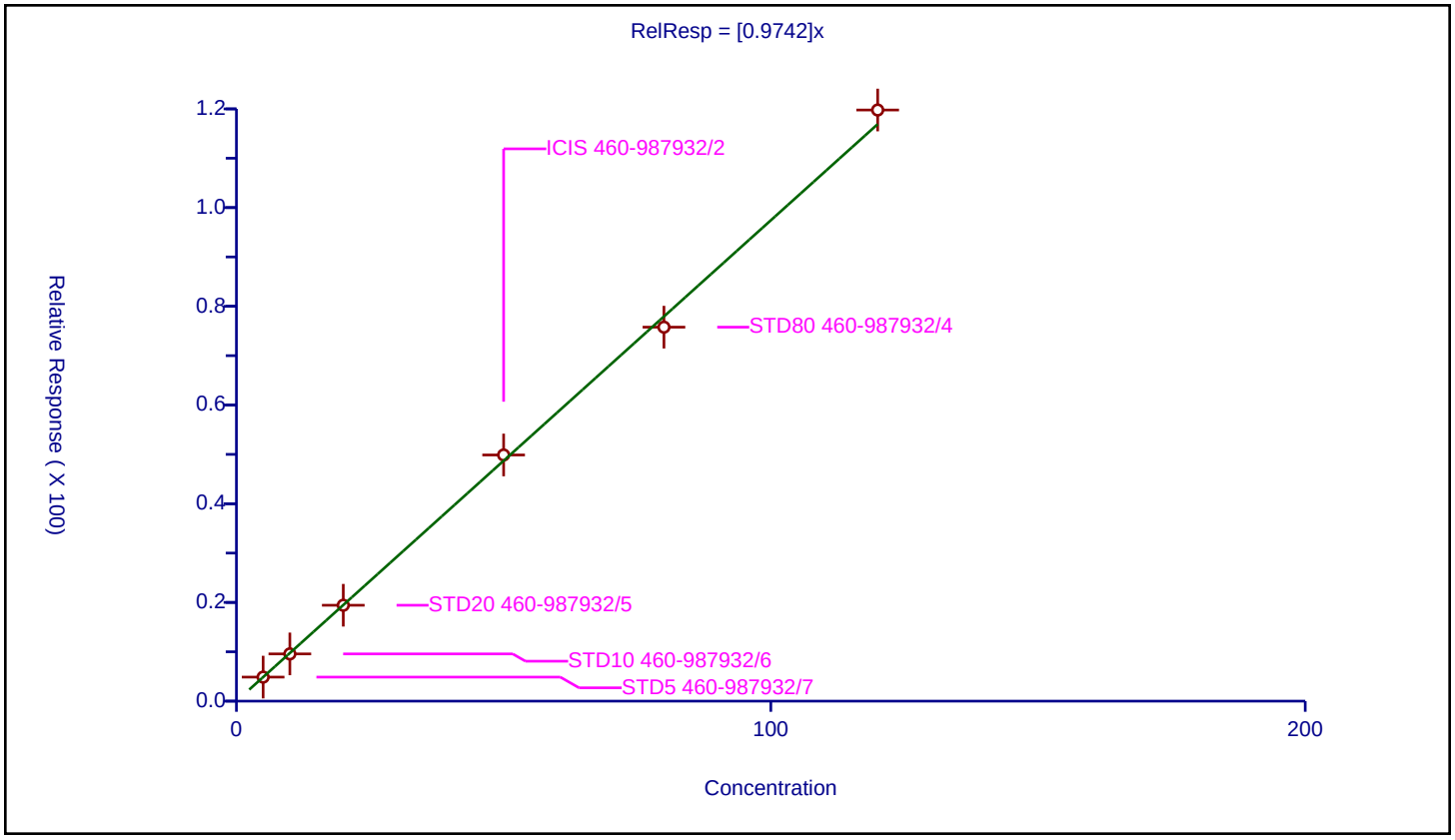
Curve Coefficients

Intercept:	0
Slope:	0.9742

Error Coefficients

Relative Standard Deviation:	2.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-987932/7	5.0	4.869404	40.0	508095.0	0.973881	Y
2	STD10 460-987932/6	10.0	9.57094	40.0	501259.0	0.957094	Y
3	STD20 460-987932/5	20.0	19.427936	40.0	494245.0	0.971397	Y
4	ICIS 460-987932/2	50.0	49.878562	40.0	564240.0	0.997571	Y
5	STD80 460-987932/4	80.0	75.775327	40.0	526365.0	0.947192	Y
6	STD120 460-987932/3	120.0	119.772201	40.0	518175.0	0.998102	Y



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Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

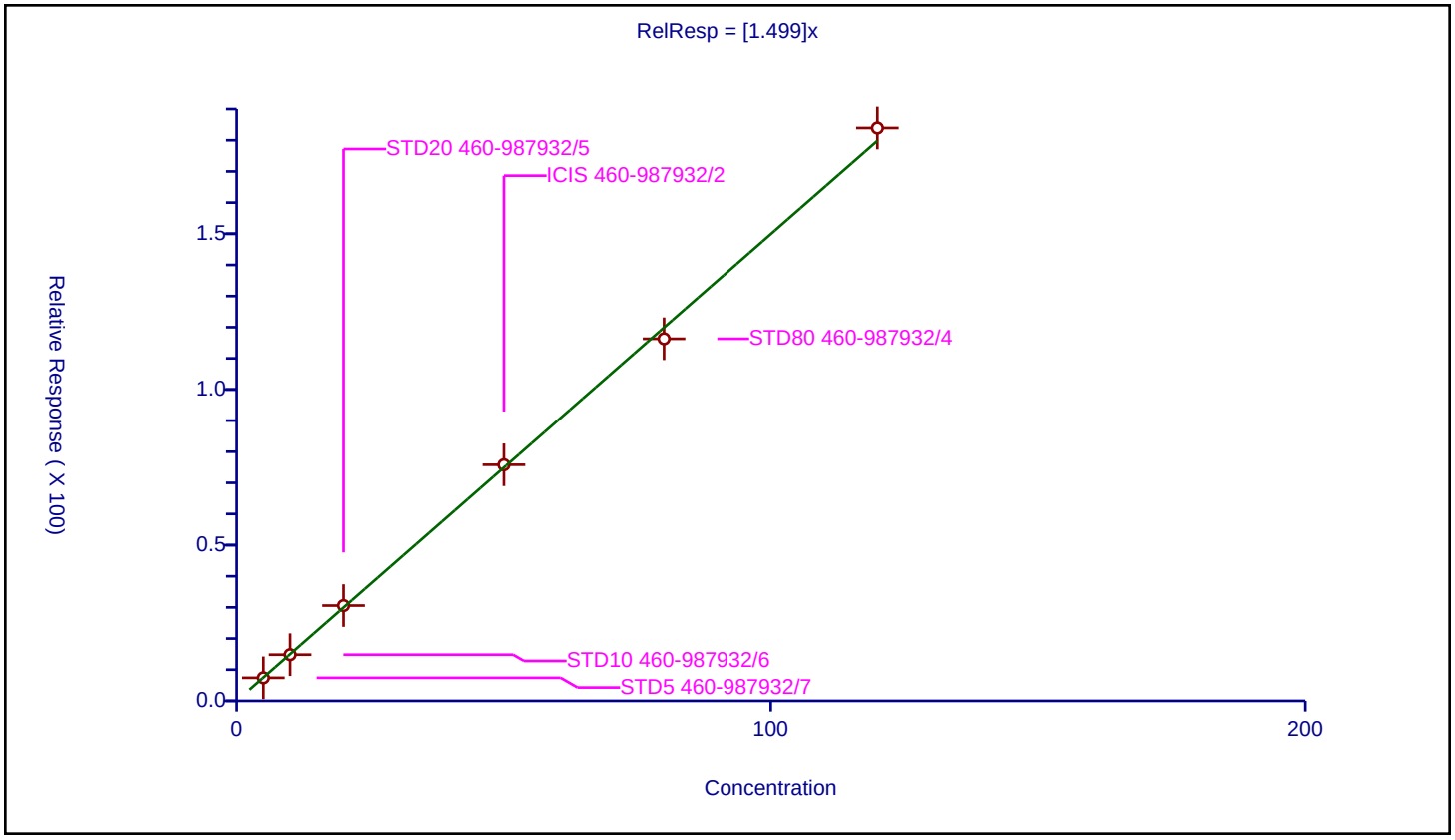
Curve Coefficients

Intercept:	0
Slope:	1.499

Error Coefficients

Relative Standard Deviation:	2.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-987932/7	5.0	7.39224	40.0	508095.0	1.478448	Y
2	STD10 460-987932/6	10.0	14.819245	40.0	501259.0	1.481925	Y
3	STD20 460-987932/5	20.0	30.594139	40.0	494245.0	1.529707	Y
4	ICIS 460-987932/2	50.0	75.811711	40.0	564240.0	1.516234	Y
5	STD80 460-987932/4	80.0	116.287975	40.0	526365.0	1.4536	Y
6	STD120 460-987932/3	120.0	183.92435	40.0	518175.0	1.532703	Y



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Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

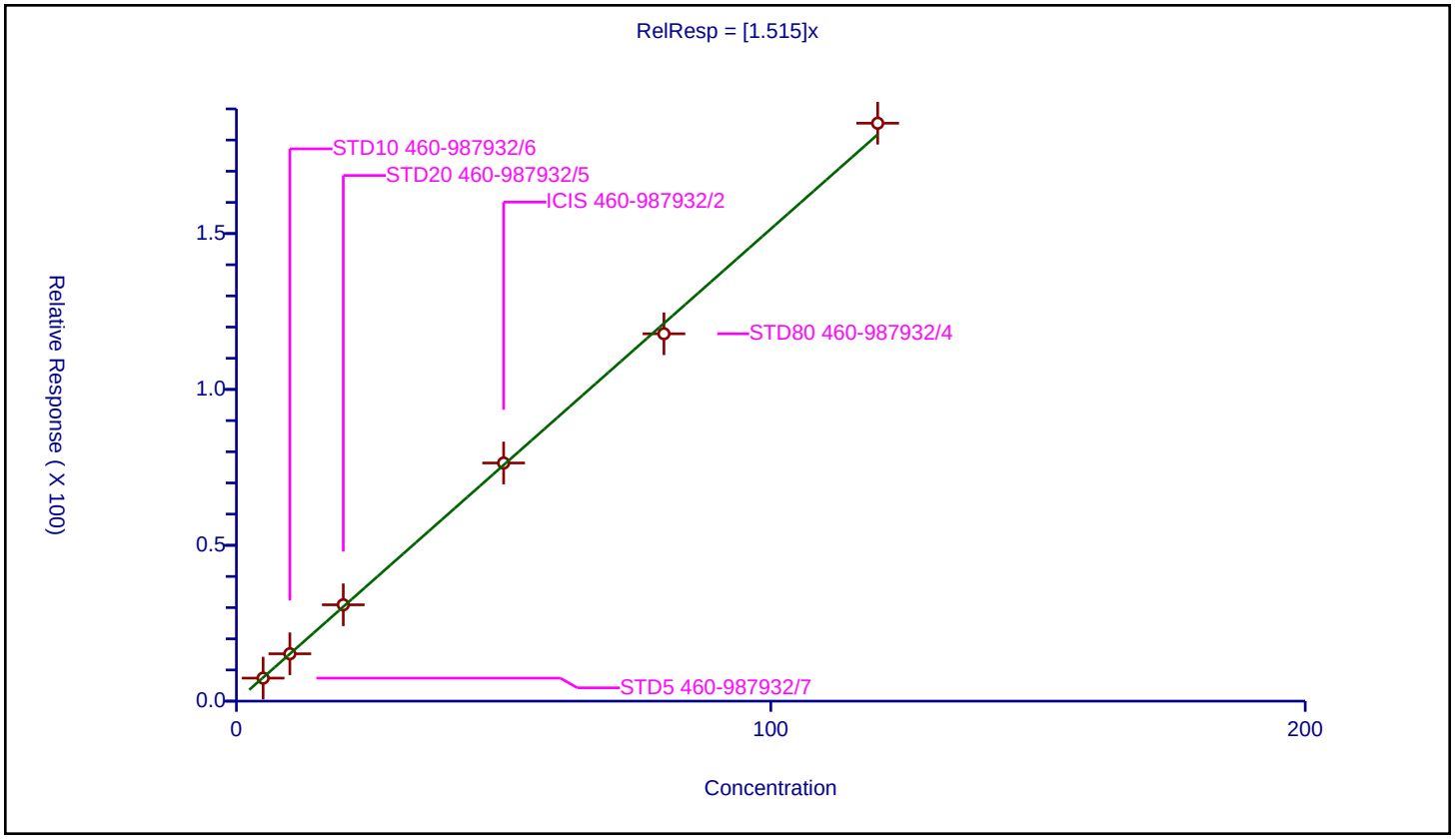
Curve Coefficients

Intercept:	0
Slope:	1.515

Error Coefficients

Relative Standard Deviation:	2.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-987932/7	5.0	7.39035	40.0	508095.0	1.47807	Y
2	STD10 460-987932/6	10.0	15.196854	40.0	501259.0	1.519685	Y
3	STD20 460-987932/5	20.0	30.910014	40.0	494245.0	1.545501	Y
4	ICIS 460-987932/2	50.0	76.399192	40.0	564240.0	1.527984	Y
5	STD80 460-987932/4	80.0	117.854721	40.0	526365.0	1.473184	Y
6	STD120 460-987932/3	120.0	185.398832	40.0	518175.0	1.54499	Y



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Calibration / Benzyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

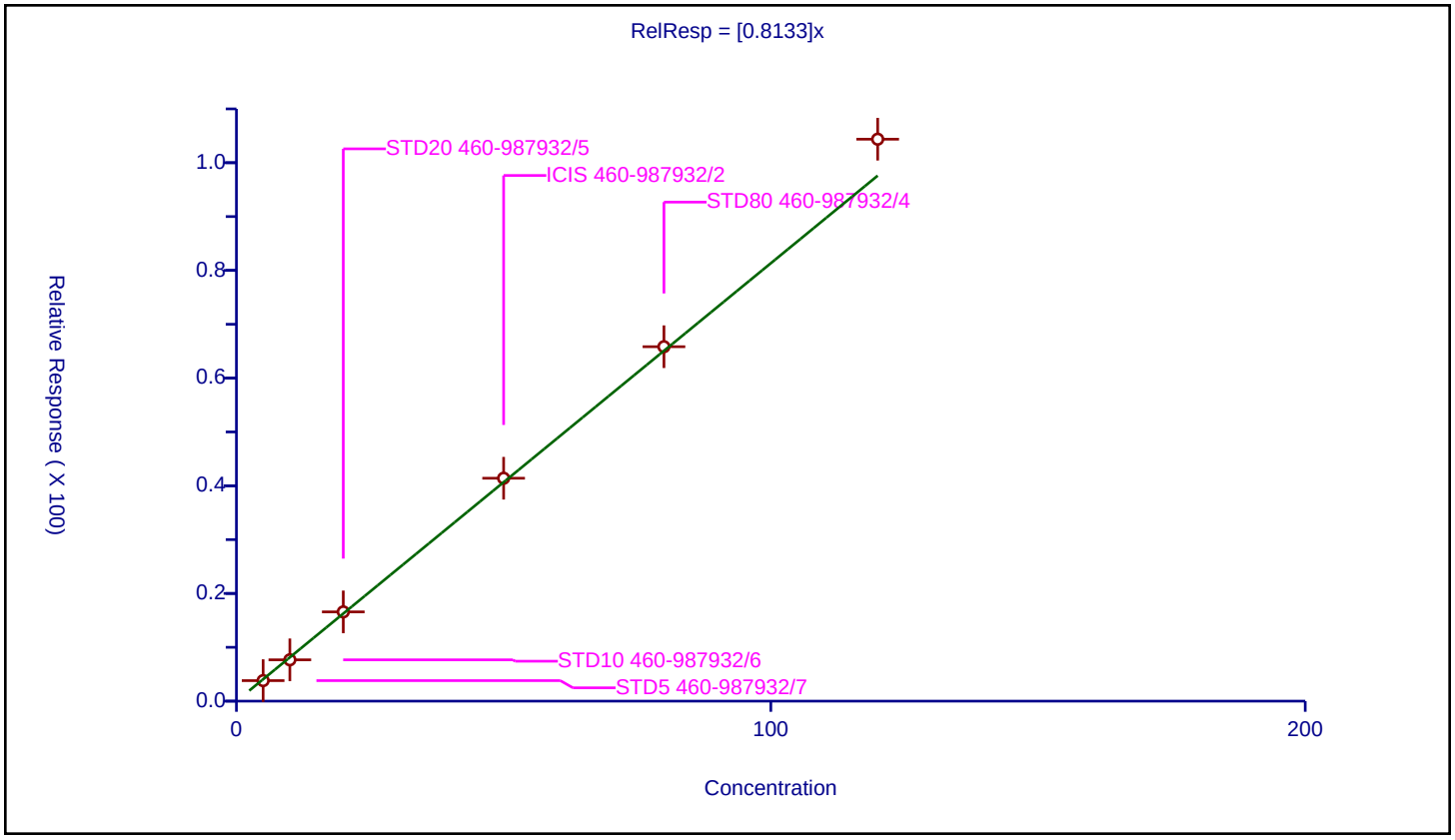
Curve Coefficients

Intercept:	0
Slope:	0.8133

Error Coefficients

Relative Standard Deviation:	5.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-987932/7	5.0	3.813381	40.0	508095.0	0.762676	Y
2	STD10 460-987932/6	10.0	7.67667	40.0	501259.0	0.767667	Y
3	STD20 460-987932/5	20.0	16.578256	40.0	494245.0	0.828913	Y
4	ICIS 460-987932/2	50.0	41.401815	40.0	564240.0	0.828036	Y
5	STD80 460-987932/4	80.0	65.828921	40.0	526365.0	0.822862	Y
6	STD120 460-987932/3	120.0	104.37138	40.0	518175.0	0.869762	Y



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Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

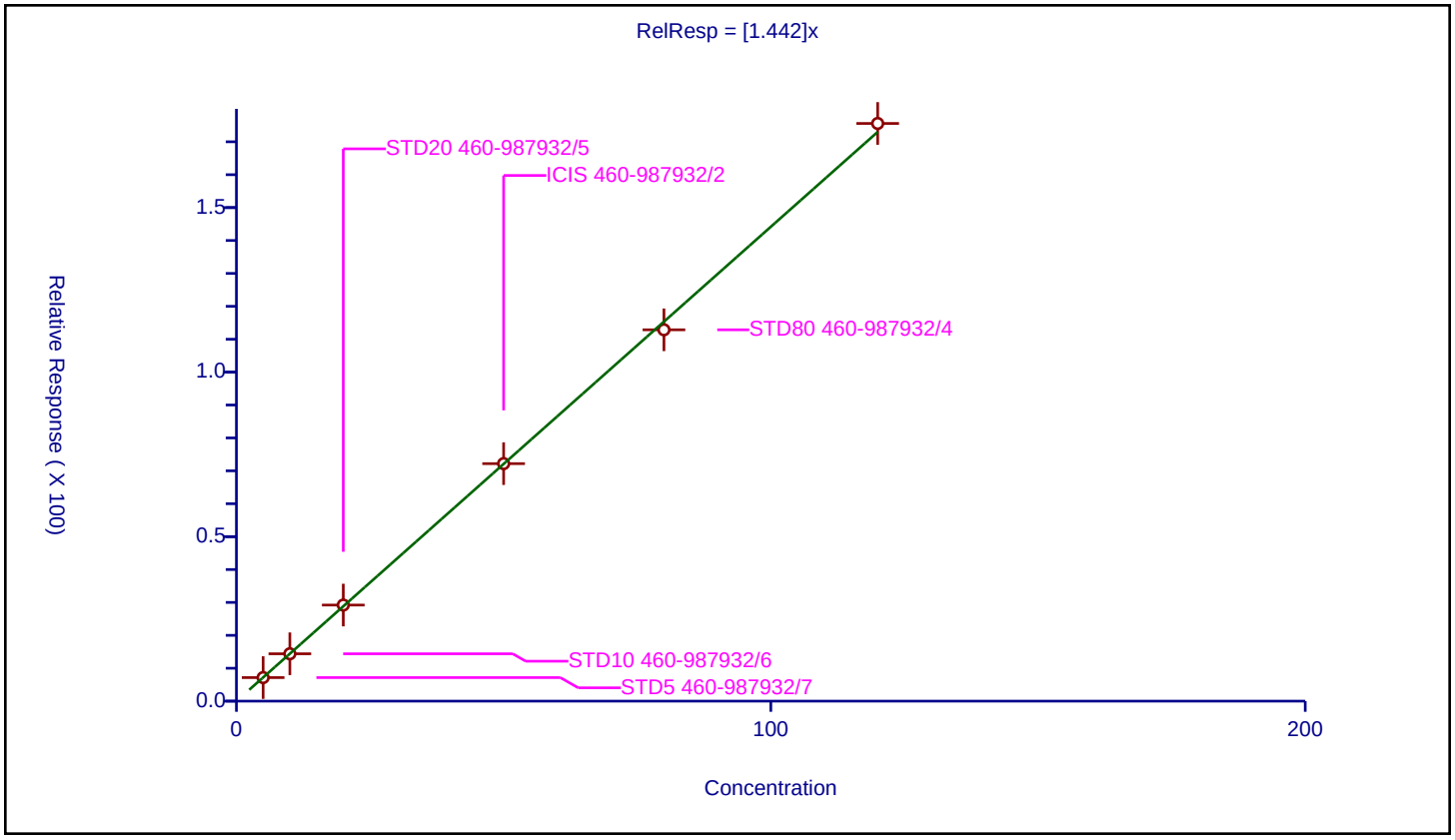
Curve Coefficients

Intercept:	0
Slope:	1.442

Error Coefficients

Relative Standard Deviation:	1.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-987932/7	5.0	7.163621	40.0	508095.0	1.432724	Y
2	STD10 460-987932/6	10.0	14.395911	40.0	501259.0	1.439591	Y
3	STD20 460-987932/5	20.0	29.204544	40.0	494245.0	1.460227	Y
4	ICIS 460-987932/2	50.0	72.186587	40.0	564240.0	1.443732	Y
5	STD80 460-987932/4	80.0	112.85986	40.0	526365.0	1.410748	Y
6	STD120 460-987932/3	120.0	175.568486	40.0	518175.0	1.463071	Y



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Calibration / 2-Methylphenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

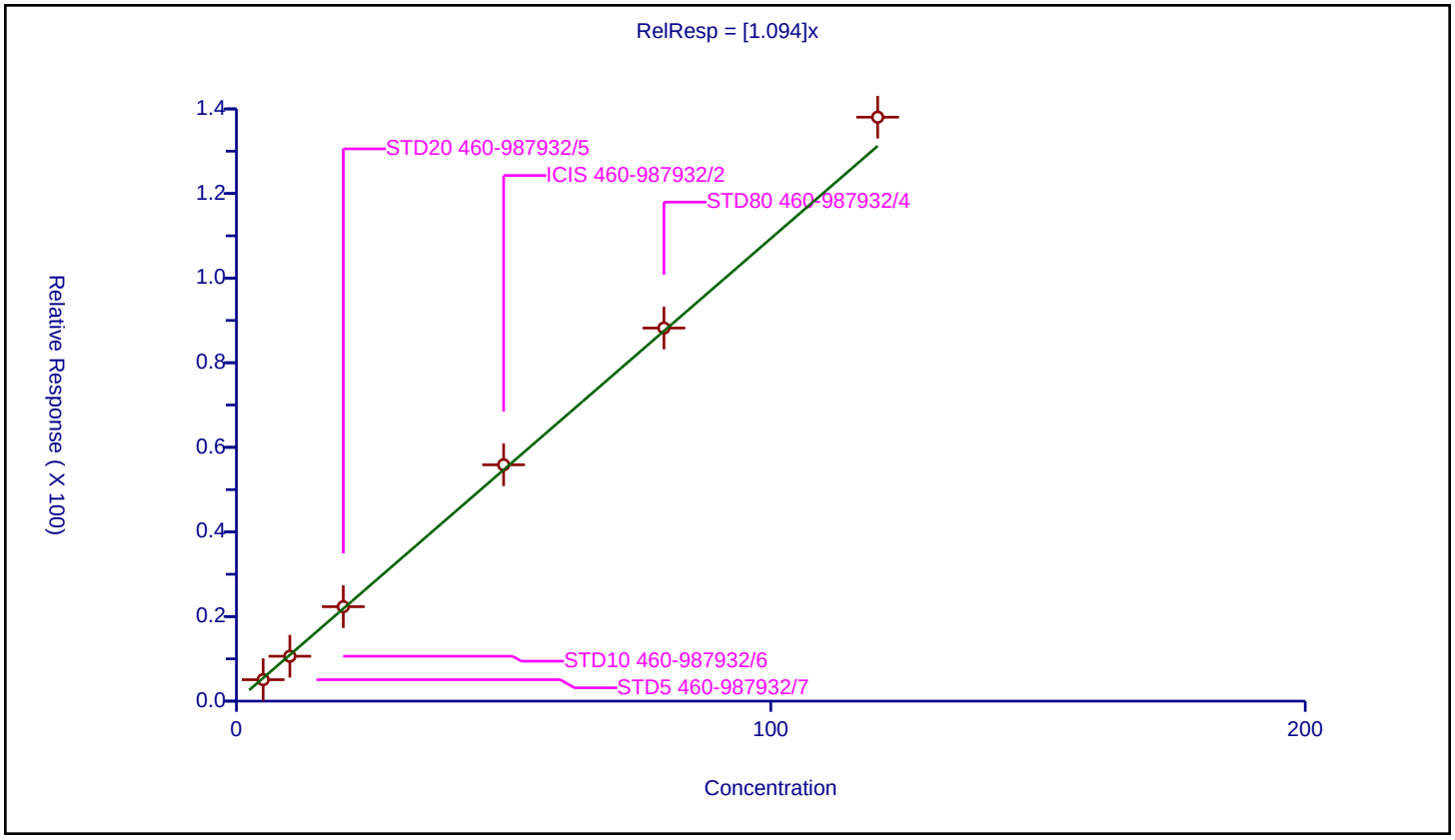
Curve Coefficients

Intercept:	0
Slope:	1.094

Error Coefficients

Relative Standard Deviation:	4.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-987932/7	5.0	5.07039	40.0	508095.0	1.014078	Y
2	STD10 460-987932/6	10.0	10.609765	40.0	501259.0	1.060976	Y
3	STD20 460-987932/5	20.0	22.328198	40.0	494245.0	1.11641	Y
4	ICIS 460-987932/2	50.0	55.869488	40.0	564240.0	1.11739	Y
5	STD80 460-987932/4	80.0	88.197961	40.0	526365.0	1.102475	Y
6	STD120 460-987932/3	120.0	138.043634	40.0	518175.0	1.150364	Y



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Calibration / 2,2'-oxybis[1-chloropropane]

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

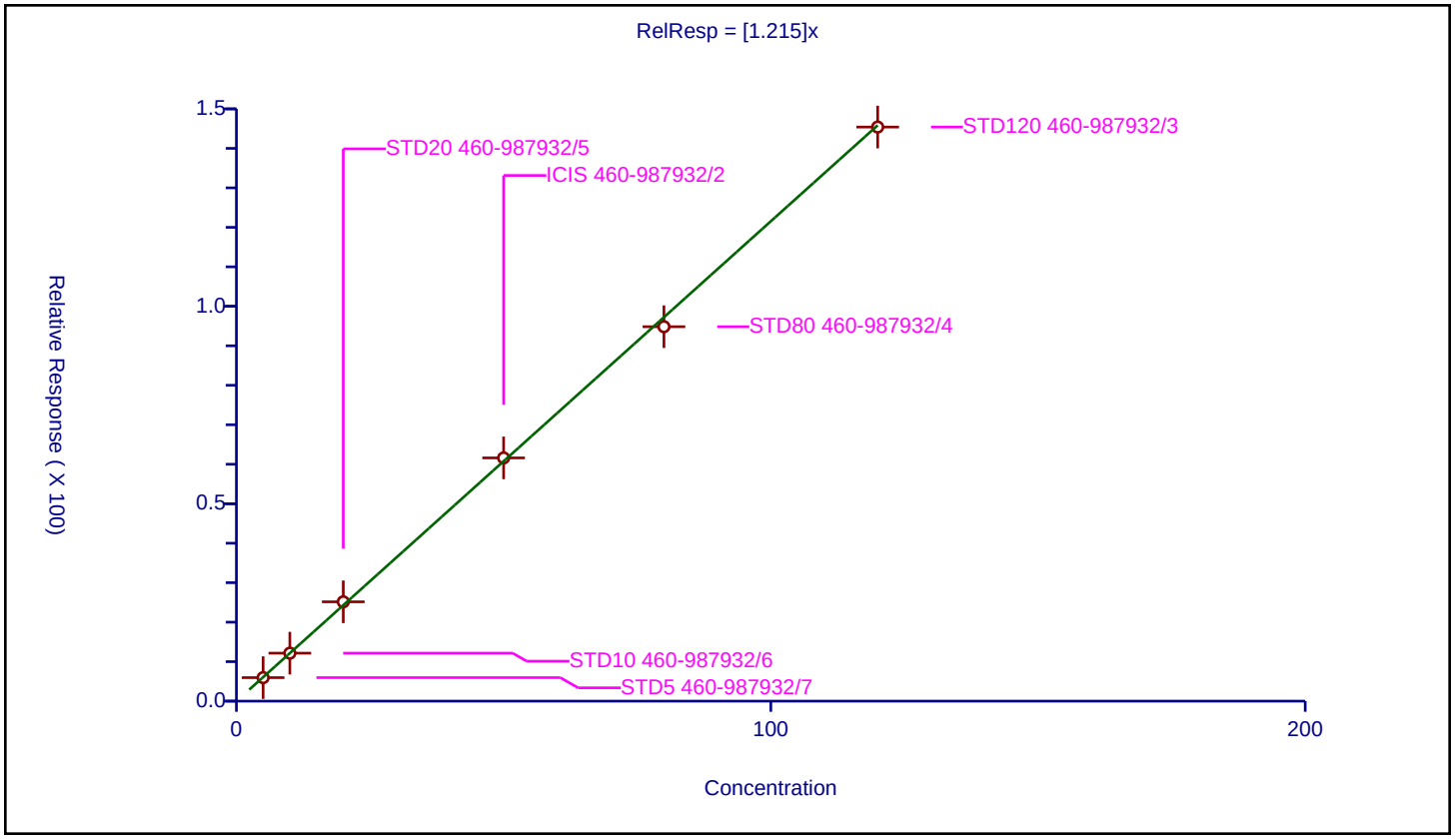
Curve Coefficients

Intercept:	0
Slope:	1.215

Error Coefficients

Relative Standard Deviation:	2.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-987932/7	5.0	5.94999	40.0	508095.0	1.189998	Y
2	STD10 460-987932/6	10.0	12.153478	40.0	501259.0	1.215348	Y
3	STD20 460-987932/5	20.0	25.154974	40.0	494245.0	1.257749	Y
4	ICIS 460-987932/2	50.0	61.601446	40.0	564240.0	1.232029	Y
5	STD80 460-987932/4	80.0	94.833053	40.0	526365.0	1.185413	Y
6	STD120 460-987932/3	120.0	145.398061	40.0	518175.0	1.211651	Y



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Calibration / N-Methylaniline

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

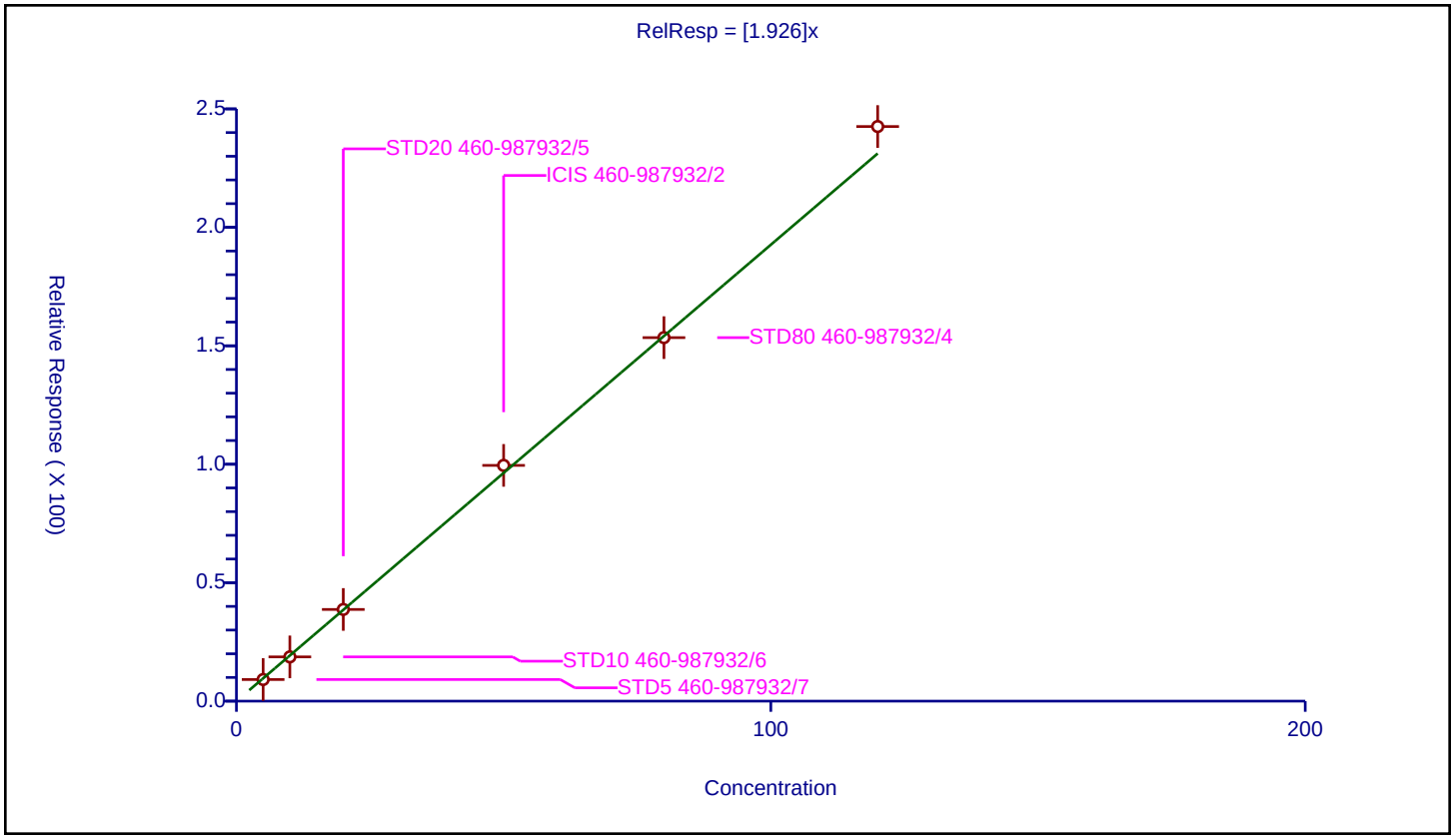
Curve Coefficients

Intercept:	0
Slope:	1.926

Error Coefficients

Relative Standard Deviation:	3.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-987932/7	5.0	9.128923	40.0	508095.0	1.825785	Y
2	STD10 460-987932/6	10.0	18.682717	40.0	501259.0	1.868272	Y
3	STD20 460-987932/5	20.0	38.699269	40.0	494245.0	1.934963	Y
4	ICIS 460-987932/2	50.0	99.519424	40.0	564240.0	1.990388	Y
5	STD80 460-987932/4	80.0	153.443789	40.0	526365.0	1.918047	Y
6	STD120 460-987932/3	120.0	242.557978	40.0	518175.0	2.021316	Y



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Calibration

/ 3 & 4 Methylphenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

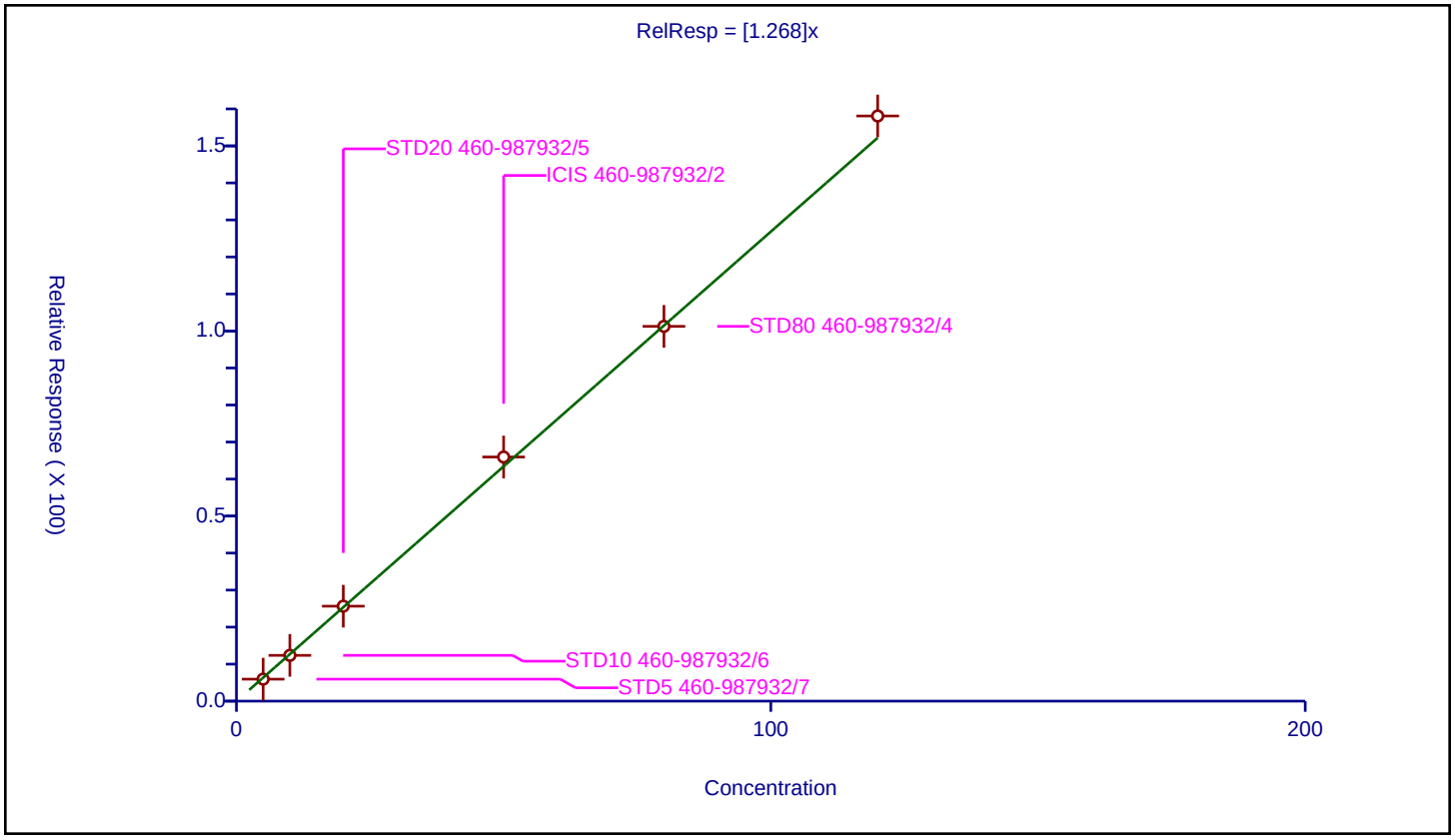
Curve Coefficients

Intercept:	0
Slope:	1.268

Error Coefficients

Relative Standard Deviation:	3.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-987932/7	5.0	5.943062	40.0	508095.0	1.188612	Y
2	STD10 460-987932/6	10.0	12.367818	40.0	501259.0	1.236782	Y
3	STD20 460-987932/5	20.0	25.651812	40.0	494245.0	1.282591	Y
4	ICIS 460-987932/2	50.0	65.954133	40.0	564240.0	1.319083	Y
5	STD80 460-987932/4	80.0	101.247309	40.0	526365.0	1.265591	Y
6	STD120 460-987932/3	120.0	158.085357	40.0	518175.0	1.317378	Y



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Calibration / 4-Methylphenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

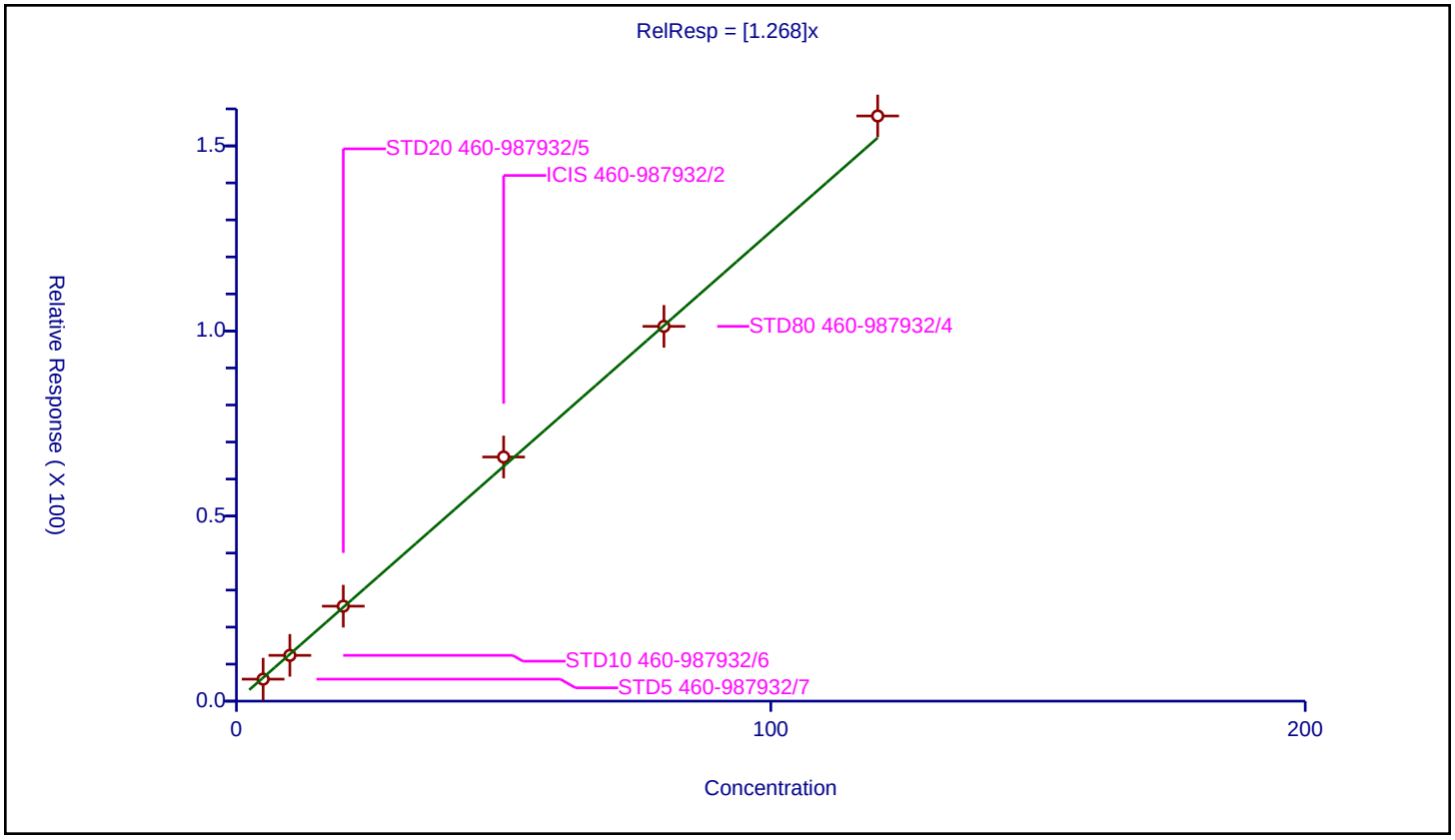
Curve Coefficients

Intercept:	0
Slope:	1.268

Error Coefficients

Relative Standard Deviation:	3.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-987932/7	5.0	5.943062	40.0	508095.0	1.188612	Y
2	STD10 460-987932/6	10.0	12.367818	40.0	501259.0	1.236782	Y
3	STD20 460-987932/5	20.0	25.651812	40.0	494245.0	1.282591	Y
4	ICIS 460-987932/2	50.0	65.954133	40.0	564240.0	1.319083	Y
5	STD80 460-987932/4	80.0	101.247309	40.0	526365.0	1.265591	Y
6	STD120 460-987932/3	120.0	158.085357	40.0	518175.0	1.317378	Y



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Calibration / Acetophenone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

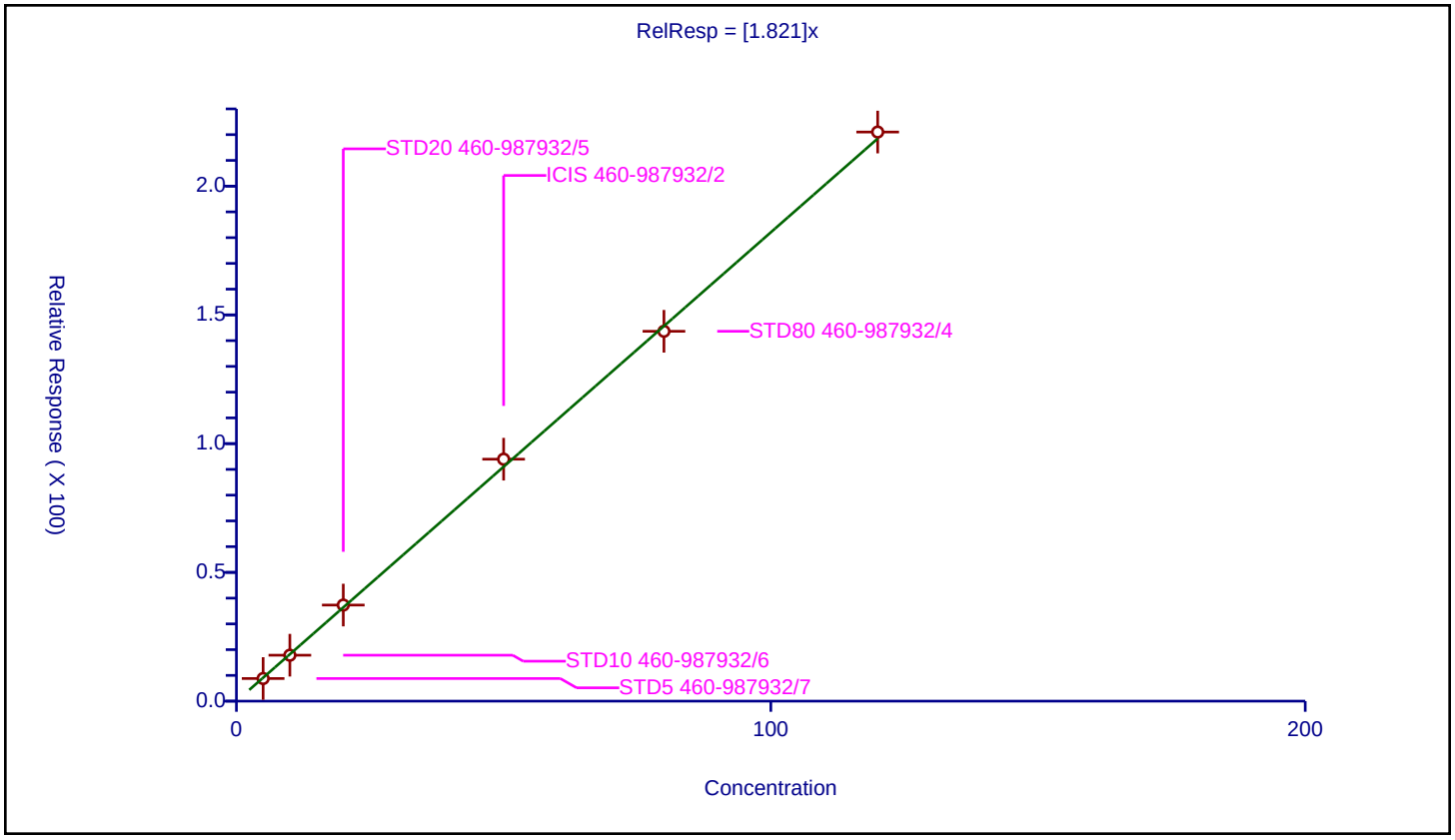
Curve Coefficients

Intercept:	0
Slope:	1.821

Error Coefficients

Relative Standard Deviation:	2.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-987932/7	5.0	8.789616	40.0	508095.0	1.757923	Y
2	STD10 460-987932/6	10.0	17.833655	40.0	501259.0	1.783365	Y
3	STD20 460-987932/5	20.0	37.315744	40.0	494245.0	1.865787	Y
4	ICIS 460-987932/2	50.0	93.959095	40.0	564240.0	1.879182	Y
5	STD80 460-987932/4	80.0	143.636222	40.0	526365.0	1.795453	Y
6	STD120 460-987932/3	120.0	221.01321	40.0	518175.0	1.841777	Y



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Calibration / N-Nitrosodi-n-propylamine

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

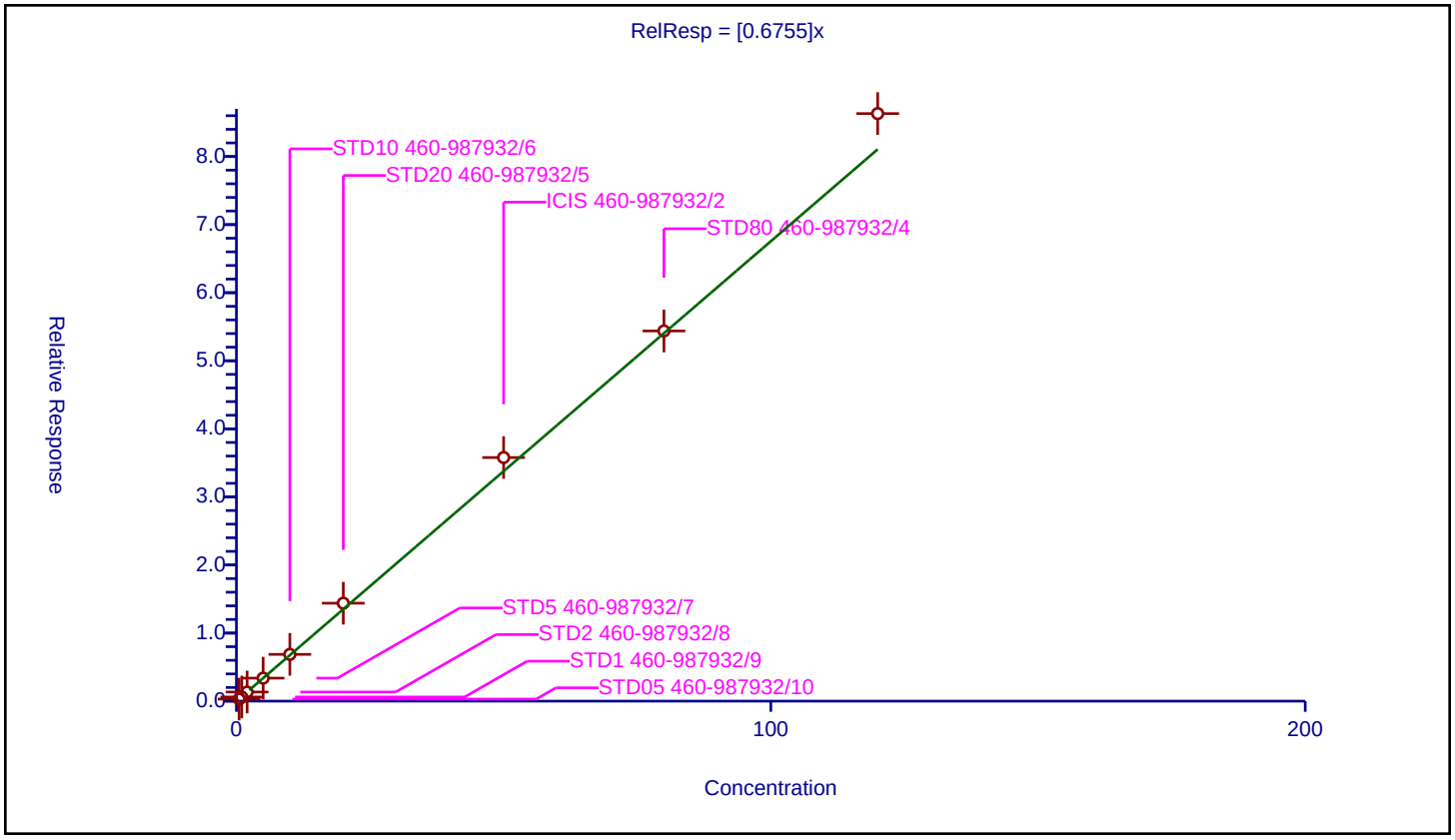
Curve Coefficients

Intercept:	0
Slope:	0.6755

Error Coefficients

Relative Standard Deviation:	6.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-987932/10	0.5	0.301748	40.0	475098.0	0.603497	Y
2	STD1 460-987932/9	1.0	0.610183	40.0	497097.0	0.610183	Y
3	STD2 460-987932/8	2.0	1.339738	40.0	491081.0	0.669869	Y
4	STD5 460-987932/7	5.0	3.377164	40.0	508095.0	0.675433	Y
5	STD10 460-987932/6	10.0	6.86663	40.0	501259.0	0.686663	Y
6	STD20 460-987932/5	20.0	14.387682	40.0	494245.0	0.719384	Y
7	ICIS 460-987932/2	50.0	35.785623	40.0	564240.0	0.715712	Y
8	STD80 460-987932/4	80.0	54.383403	40.0	526365.0	0.679793	Y
9	STD120 460-987932/3	120.0	86.312308	40.0	518175.0	0.719269	Y



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Calibration / Hexachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

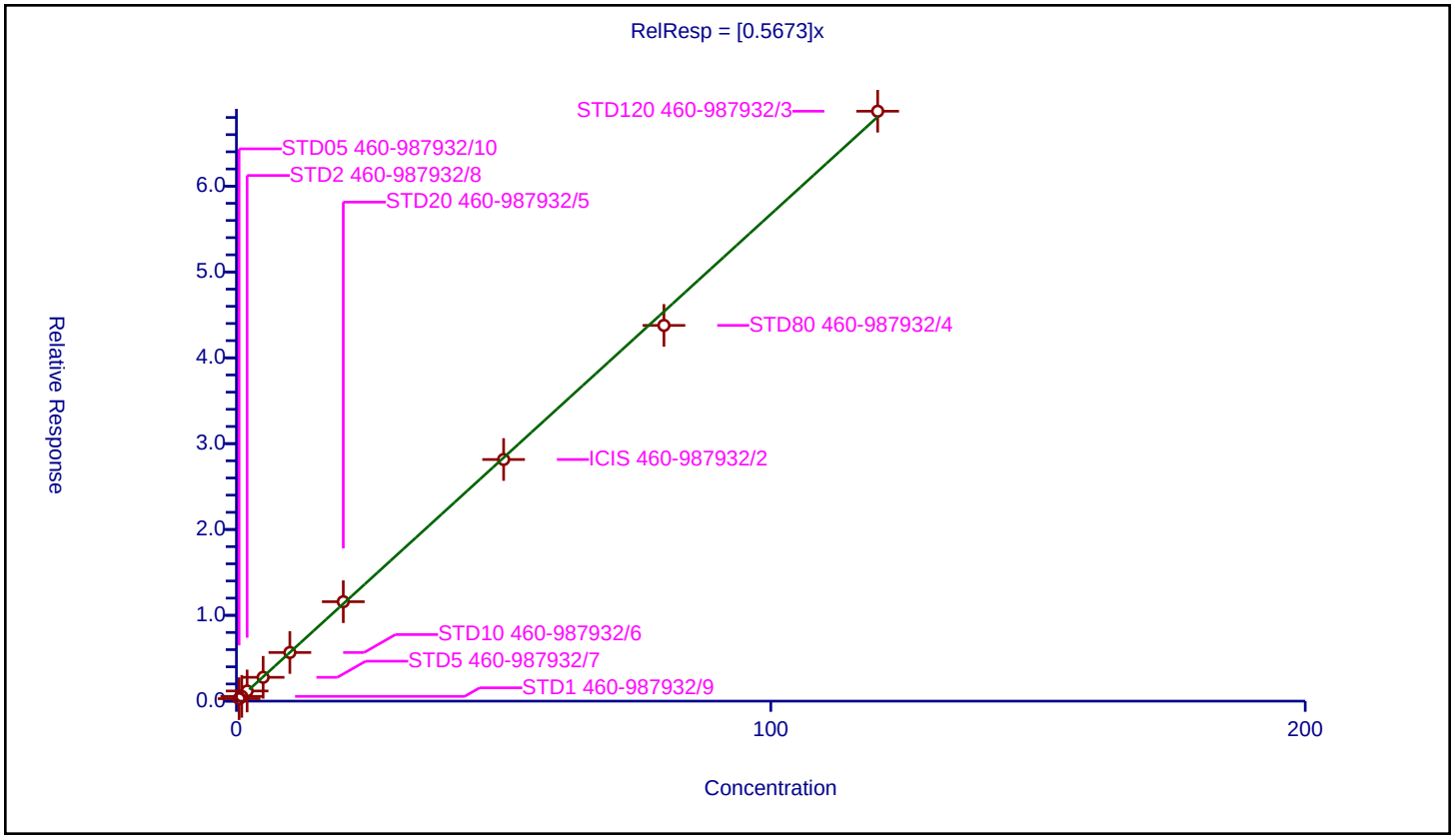
Curve Coefficients

Intercept:	0
Slope:	0.5673

Error Coefficients

Relative Standard Deviation:	2.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-987932/10	0.5	0.288362	40.0	475098.0	0.576723	Y
2	STD1 460-987932/9	1.0	0.553775	40.0	497097.0	0.553775	Y
3	STD2 460-987932/8	2.0	1.182778	40.0	491081.0	0.591389	Y
4	STD5 460-987932/7	5.0	2.774284	40.0	508095.0	0.554857	Y
5	STD10 460-987932/6	10.0	5.667729	40.0	501259.0	0.566773	Y
6	STD20 460-987932/5	20.0	11.585347	40.0	494245.0	0.579267	Y
7	ICIS 460-987932/2	50.0	28.15341	40.0	564240.0	0.563068	Y
8	STD80 460-987932/4	80.0	43.776391	40.0	526365.0	0.547205	Y
9	STD120 460-987932/3	120.0	68.728518	40.0	518175.0	0.572738	Y



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Calibration / Nitrobenzene-d5

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

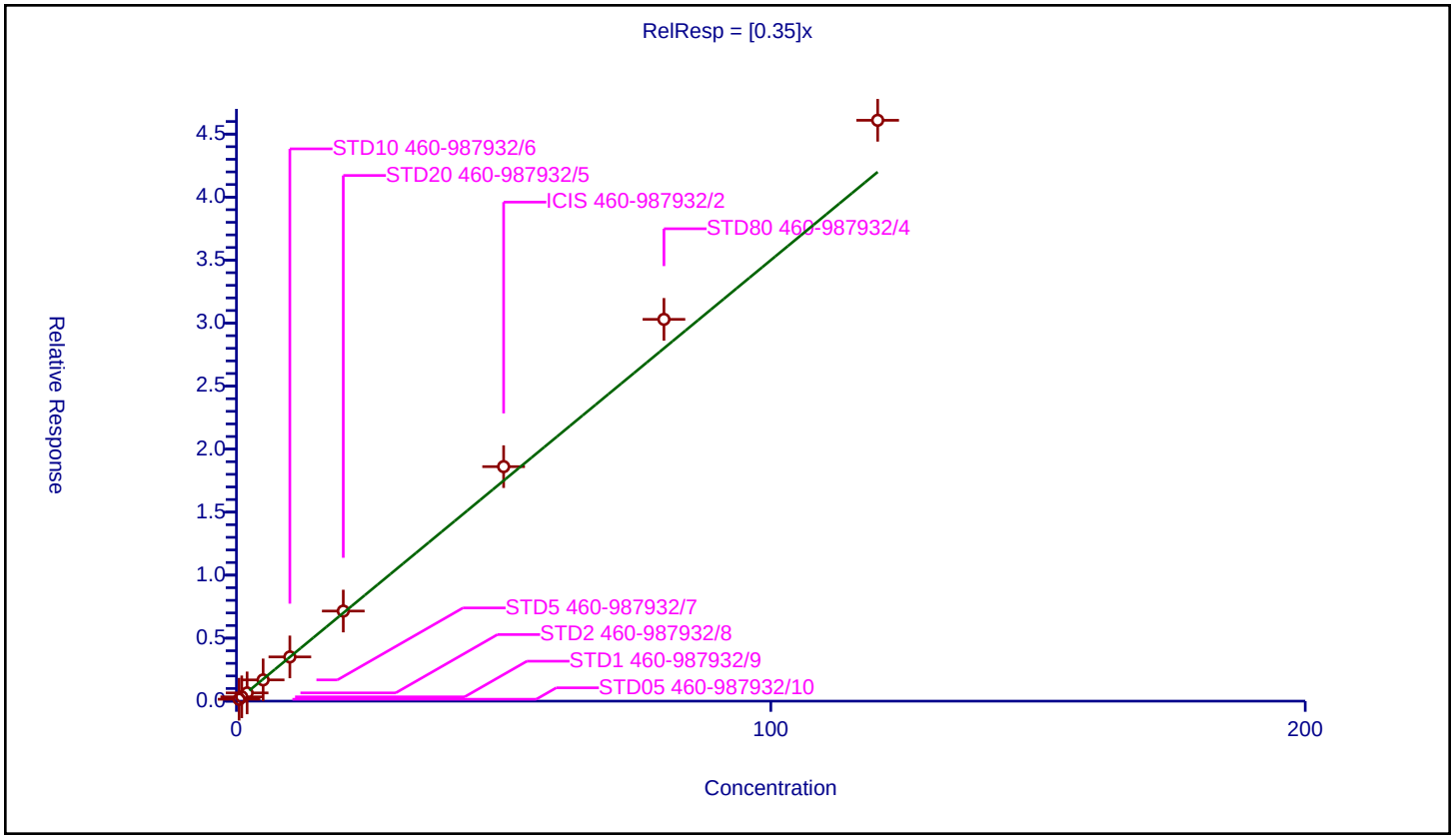
Curve Coefficients

Intercept:	0
Slope:	0.35

Error Coefficients

Relative Standard Deviation:	7.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-987932/10	0.5	0.150614	40.0	1733974.0	0.301227	Y
2	STD1 460-987932/9	1.0	0.340618	40.0	1822806.0	0.340618	Y
3	STD2 460-987932/8	2.0	0.654166	40.0	1818255.0	0.327083	Y
4	STD5 460-987932/7	5.0	1.686363	40.0	1890412.0	0.337273	Y
5	STD10 460-987932/6	10.0	3.510133	40.0	1867052.0	0.351013	Y
6	STD20 460-987932/5	20.0	7.149238	40.0	1856058.0	0.357462	Y
7	ICIS 460-987932/2	50.0	18.610566	40.0	2081553.0	0.372211	Y
8	STD80 460-987932/4	80.0	30.29733	40.0	1945411.0	0.378717	Y
9	STD120 460-987932/3	120.0	46.095754	40.0	1892911.0	0.384131	Y



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Calibration / Nitrobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

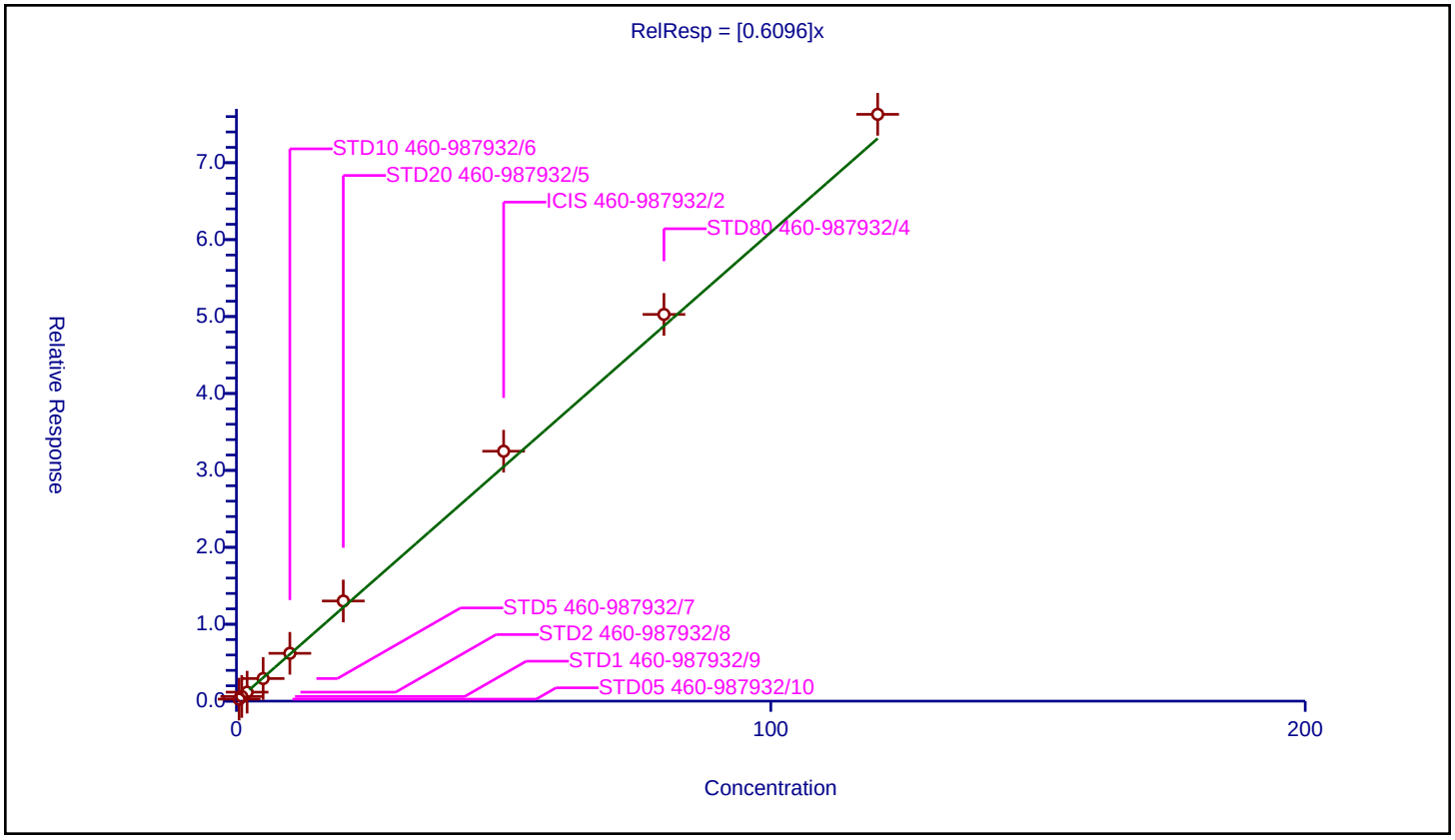
Curve Coefficients

Intercept:	0
Slope:	0.6096

Error Coefficients

Relative Standard Deviation:	6.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-987932/10	0.5	0.261672	40.0	475098.0	0.523345	Y
2	STD1 460-987932/9	1.0	0.60447	40.0	497097.0	0.60447	Y
3	STD2 460-987932/8	2.0	1.169339	40.0	491081.0	0.584669	Y
4	STD5 460-987932/7	5.0	2.938191	40.0	508095.0	0.587638	Y
5	STD10 460-987932/6	10.0	6.216746	40.0	501259.0	0.621675	Y
6	STD20 460-987932/5	20.0	13.017997	40.0	494245.0	0.6509	Y
7	ICIS 460-987932/2	50.0	32.493407	40.0	564240.0	0.649868	Y
8	STD80 460-987932/4	80.0	50.276747	40.0	526365.0	0.628459	Y
9	STD120 460-987932/3	120.0	76.293221	40.0	518175.0	0.635777	Y



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Calibration / n,n'-Dimethylaniline

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

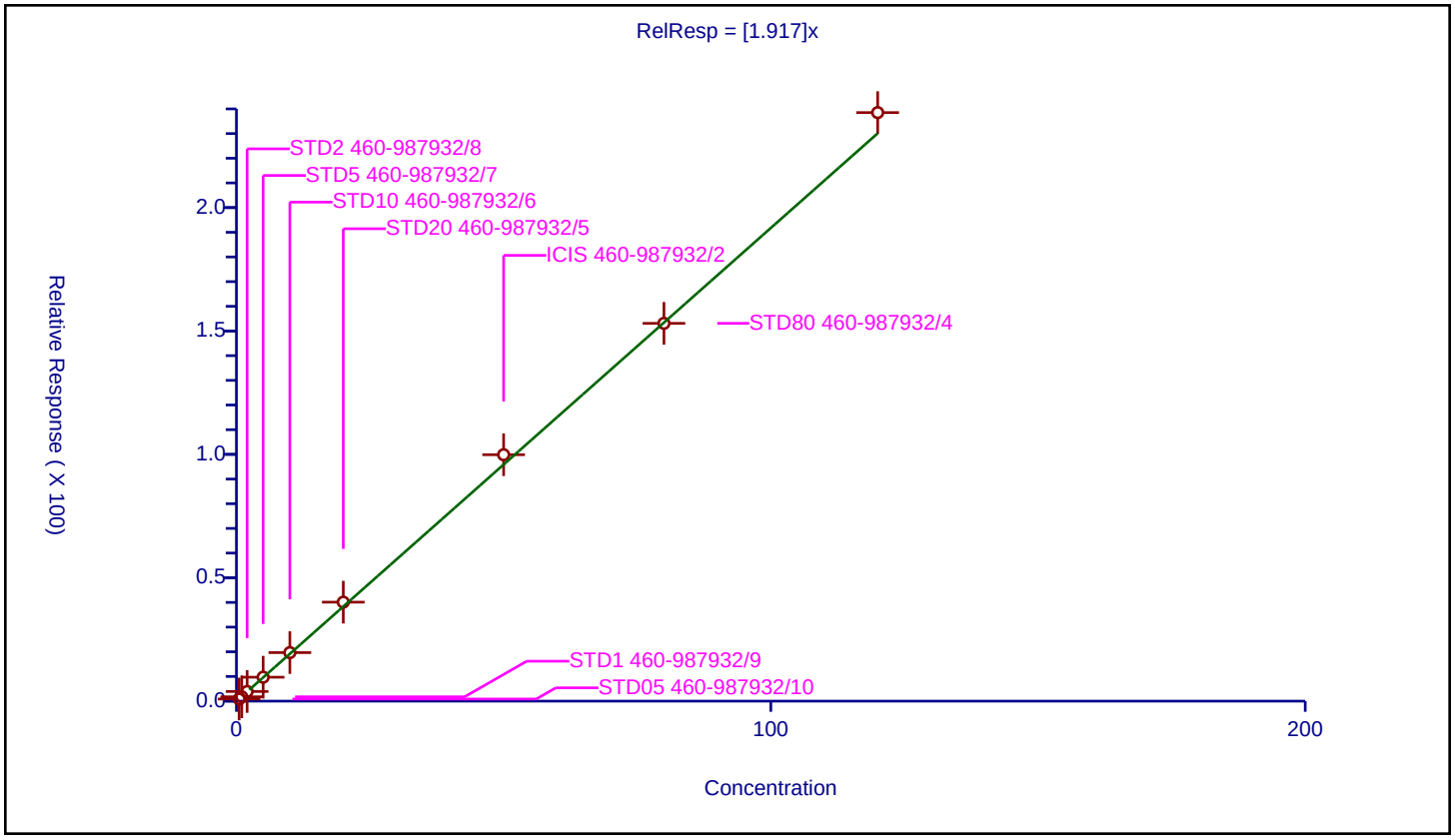
Curve Coefficients

Intercept:	0
Slope:	1.917

Error Coefficients

Relative Standard Deviation:	5.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-987932/10	0.5	0.859275	40.0	475098.0	1.718551	Y
2	STD1 460-987932/9	1.0	1.769634	40.0	497097.0	1.769634	Y
3	STD2 460-987932/8	2.0	3.917073	40.0	491081.0	1.958536	Y
4	STD5 460-987932/7	5.0	9.695825	40.0	508095.0	1.939165	Y
5	STD10 460-987932/6	10.0	19.666799	40.0	501259.0	1.96668	Y
6	STD20 460-987932/5	20.0	40.117108	40.0	494245.0	2.005855	Y
7	ICIS 460-987932/2	50.0	99.859918	40.0	564240.0	1.997198	Y
8	STD80 460-987932/4	80.0	153.095438	40.0	526365.0	1.913693	Y
9	STD120 460-987932/3	120.0	238.500352	40.0	518175.0	1.987503	Y



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Calibration / Isophorone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

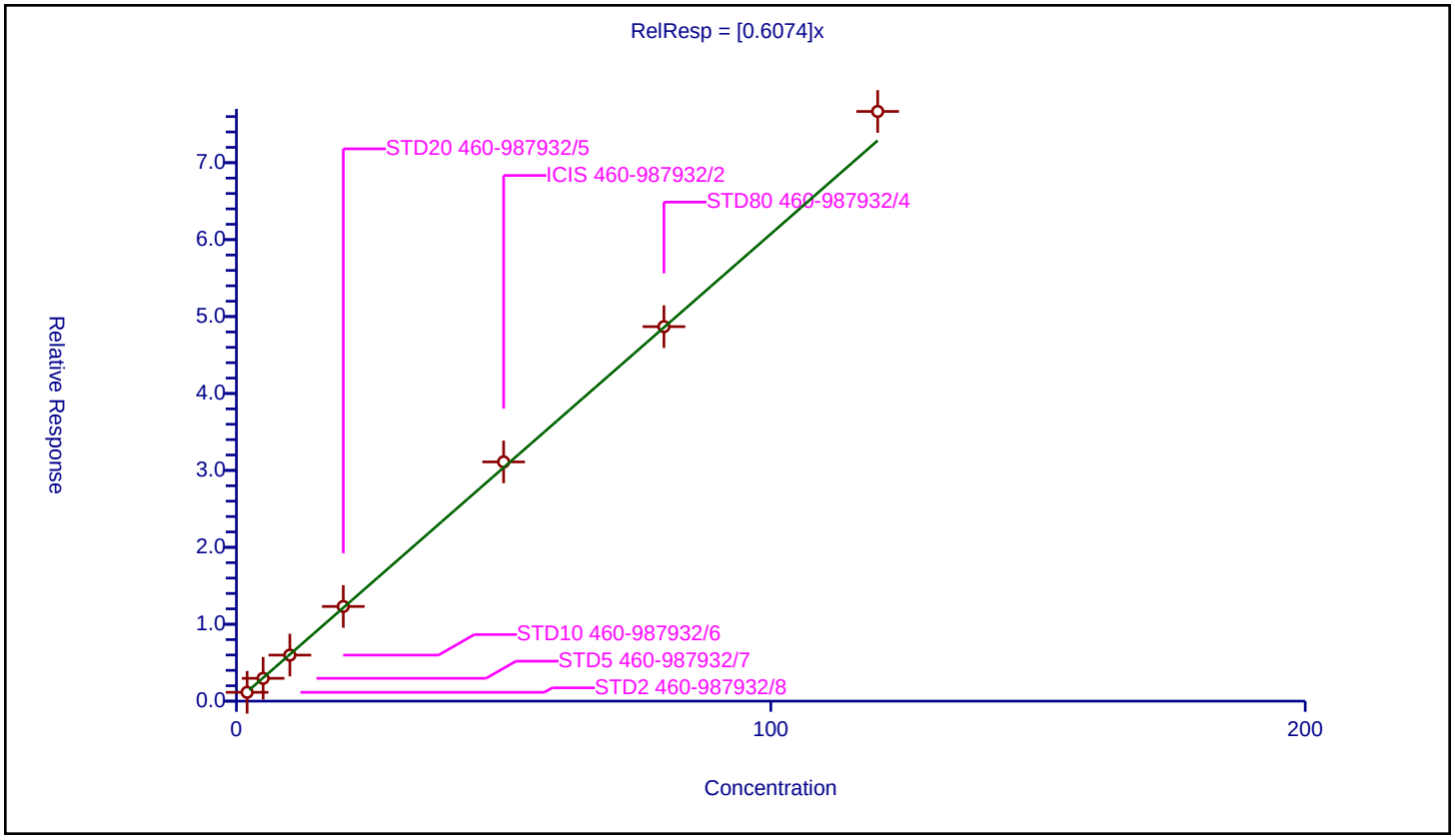
Curve Coefficients

Intercept:	0
Slope:	0.6074

Error Coefficients

Relative Standard Deviation:	3.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD2 460-987932/8	2.0	1.149102	40.0	1818255.0	0.574551	Y
2	STD5 460-987932/7	5.0	2.967417	40.0	1890412.0	0.593483	Y
3	STD10 460-987932/6	10.0	5.985586	40.0	1867052.0	0.598559	Y
4	STD20 460-987932/5	20.0	12.308883	40.0	1856058.0	0.615444	Y
5	ICIS 460-987932/2	50.0	31.103354	40.0	2081553.0	0.622067	Y
6	STD80 460-987932/4	80.0	48.691593	40.0	1945411.0	0.608645	Y
7	STD120 460-987932/3	120.0	76.667292	40.0	1892911.0	0.638894	Y



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Calibration / 2-Nitrophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

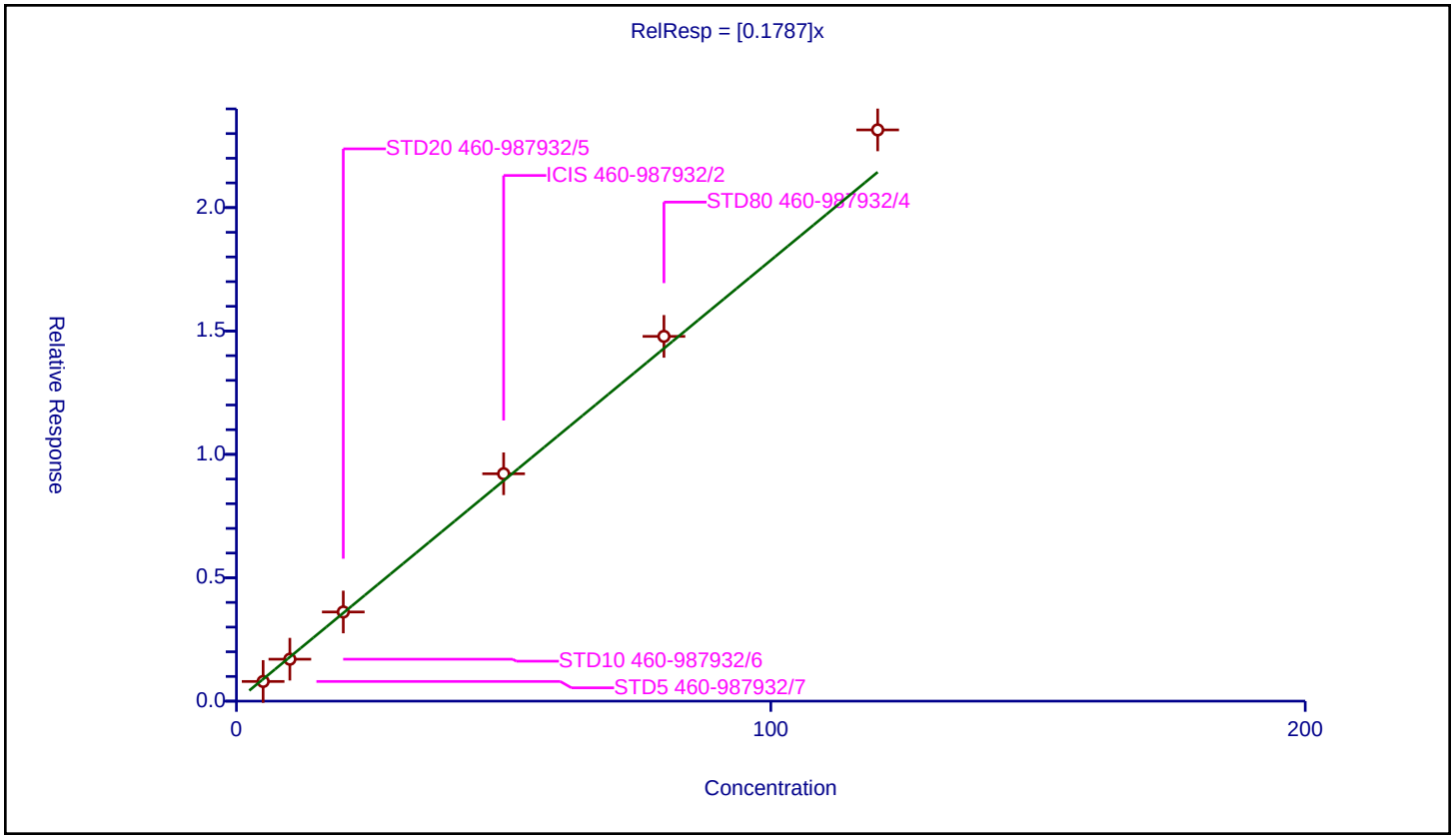
Curve Coefficients

Intercept:	0
Slope:	0.1787

Error Coefficients

Relative Standard Deviation:	6.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-987932/7	5.0	0.796863	40.0	1890412.0	0.159373	Y
2	STD10 460-987932/6	10.0	1.699749	40.0	1867052.0	0.169975	Y
3	STD20 460-987932/5	20.0	3.613206	40.0	1856058.0	0.18066	Y
4	ICIS 460-987932/2	50.0	9.214332	40.0	2081553.0	0.184287	Y
5	STD80 460-987932/4	80.0	14.781411	40.0	1945411.0	0.184768	Y
6	STD120 460-987932/3	120.0	23.148769	40.0	1892911.0	0.192906	Y



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Calibration / 2,4-Dimethylphenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

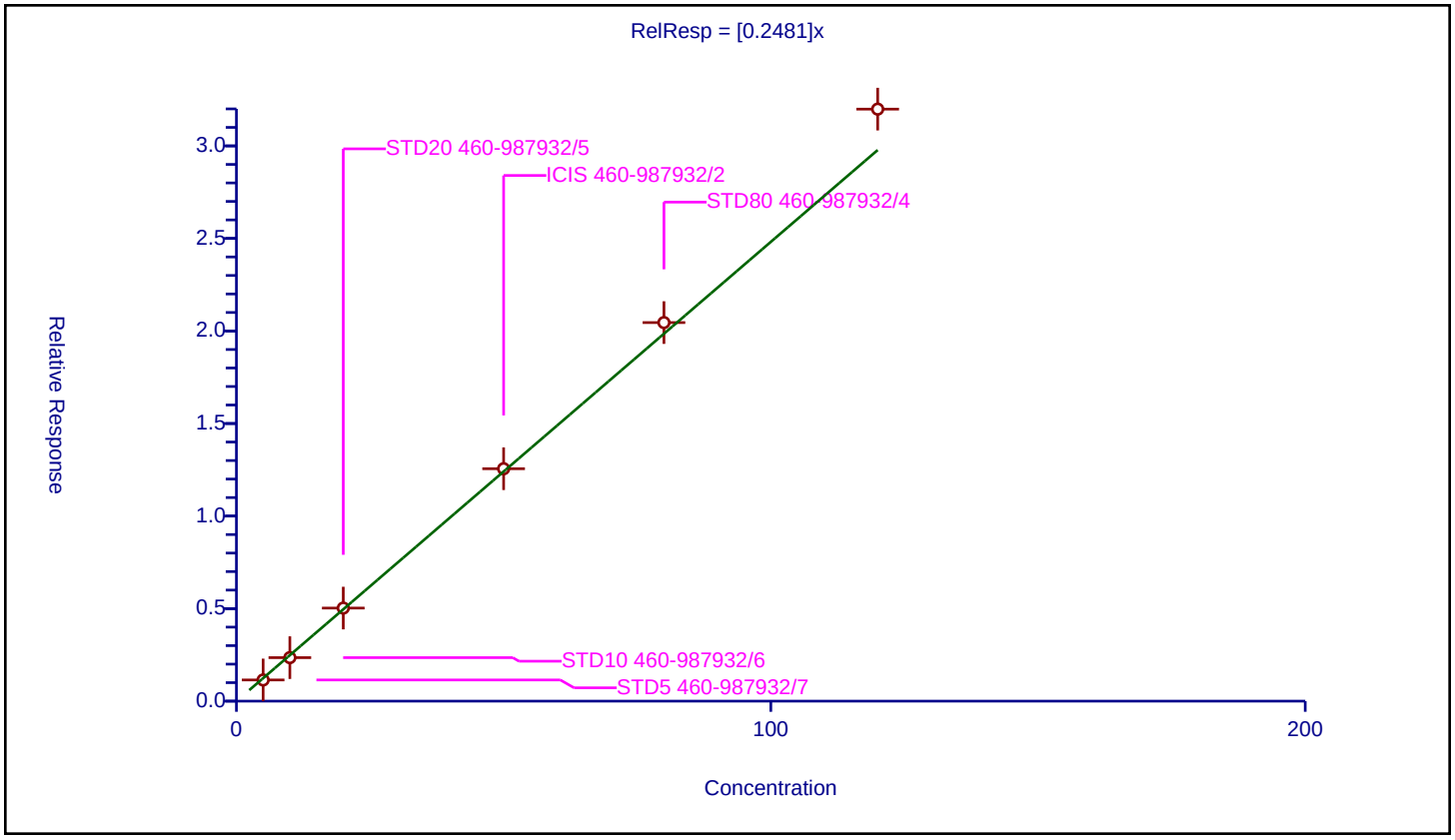
Curve Coefficients

Intercept:	0
Slope:	0.2481

Error Coefficients

Relative Standard Deviation:	5.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-987932/7	5.0	1.14447	40.0	1890412.0	0.228894	Y
2	STD10 460-987932/6	10.0	2.351257	40.0	1867052.0	0.235126	Y
3	STD20 460-987932/5	20.0	5.02883	40.0	1856058.0	0.251441	Y
4	ICIS 460-987932/2	50.0	12.557759	40.0	2081553.0	0.251155	Y
5	STD80 460-987932/4	80.0	20.454824	40.0	1945411.0	0.255685	Y
6	STD120 460-987932/3	120.0	31.986543	40.0	1892911.0	0.266555	Y



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Calibration / Benzoic acid

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

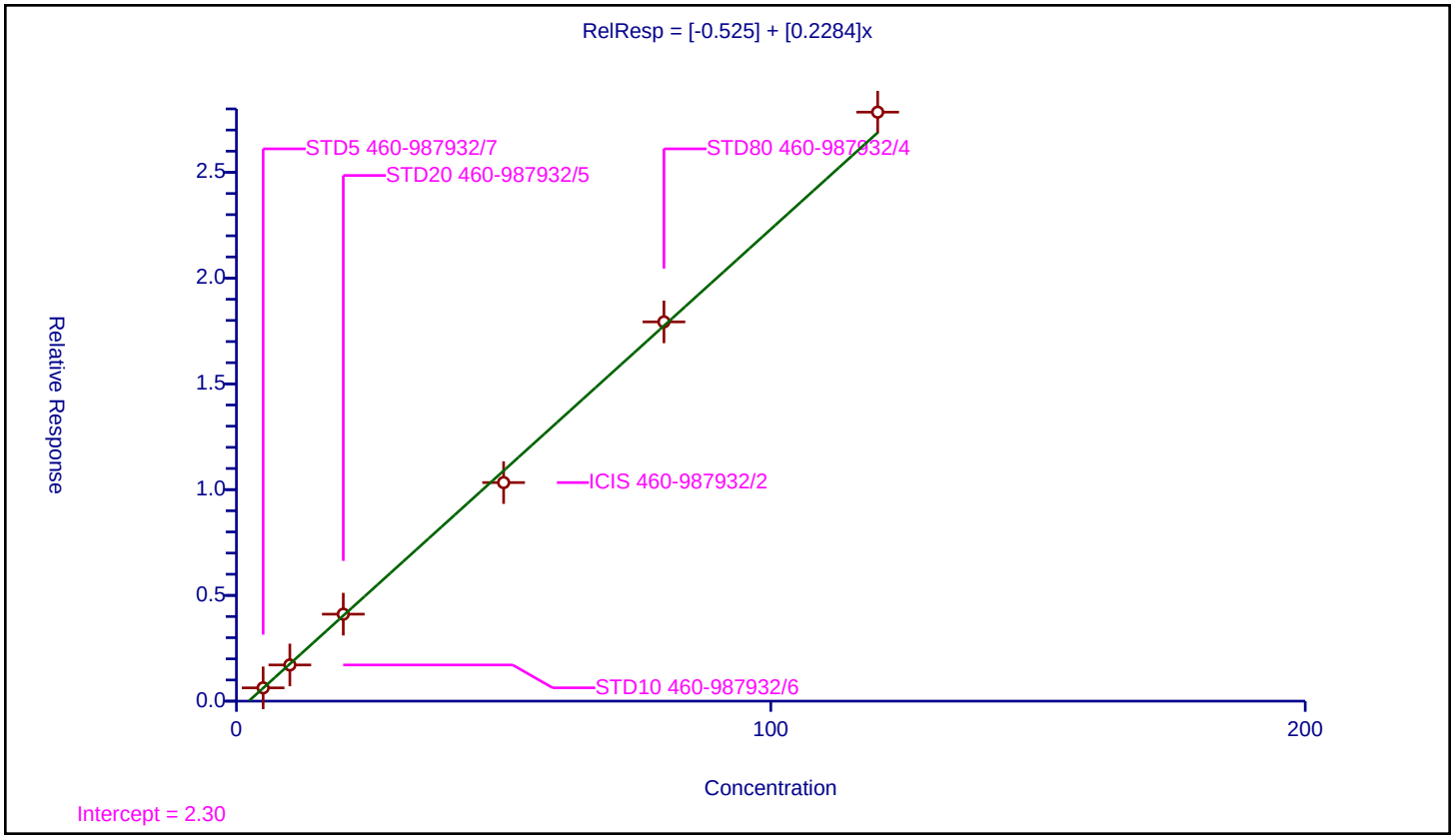
Curve Coefficients

Intercept:	-0.525
Slope:	0.2284

Error Coefficients

Relative Standard Deviation:	3.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-987932/7	5.0	0.627863	40.0	1890412.0	0.125573	Y
2	STD10 460-987932/6	10.0	1.710161	40.0	1867052.0	0.171016	Y
3	STD20 460-987932/5	20.0	4.111725	40.0	1856058.0	0.205586	Y
4	ICIS 460-987932/2	50.0	10.333919	40.0	2081553.0	0.206678	Y
5	STD80 460-987932/4	80.0	17.931635	40.0	1945411.0	0.224145	Y
6	STD120 460-987932/3	120.0	27.846381	40.0	1892911.0	0.232053	Y



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Calibration / Bis(2-chloroethoxy)methane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

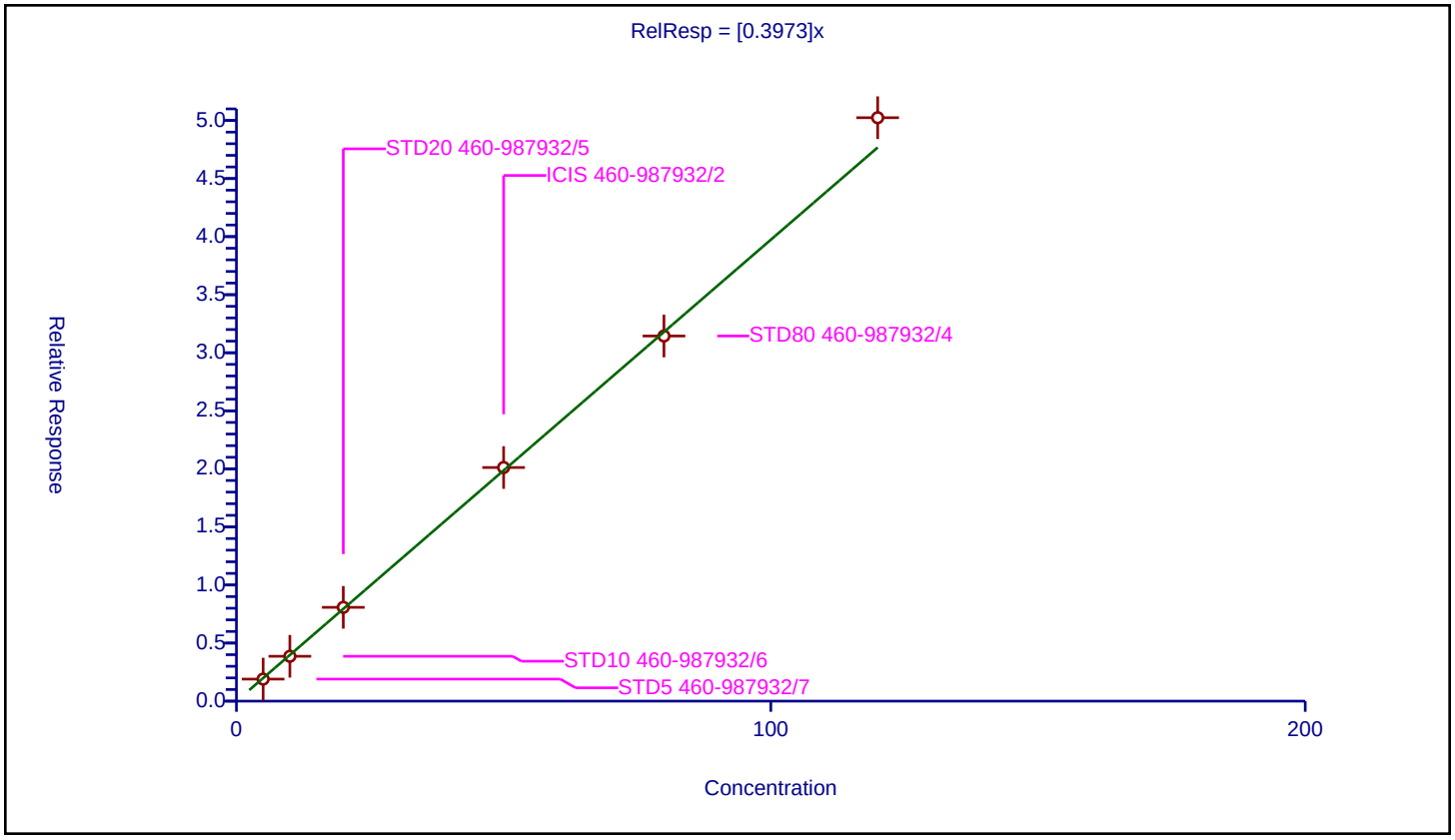
Curve Coefficients

Intercept:	0
Slope:	0.3973

Error Coefficients

Relative Standard Deviation:	3.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-987932/7	5.0	1.898634	40.0	1890412.0	0.379727	Y
2	STD10 460-987932/6	10.0	3.863138	40.0	1867052.0	0.386314	Y
3	STD20 460-987932/5	20.0	8.076472	40.0	1856058.0	0.403824	Y
4	ICIS 460-987932/2	50.0	20.11771	40.0	2081553.0	0.402354	Y
5	STD80 460-987932/4	80.0	31.442076	40.0	1945411.0	0.393026	Y
6	STD120 460-987932/3	120.0	50.241665	40.0	1892911.0	0.418681	Y



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Calibration / 2,4-Dichlorophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

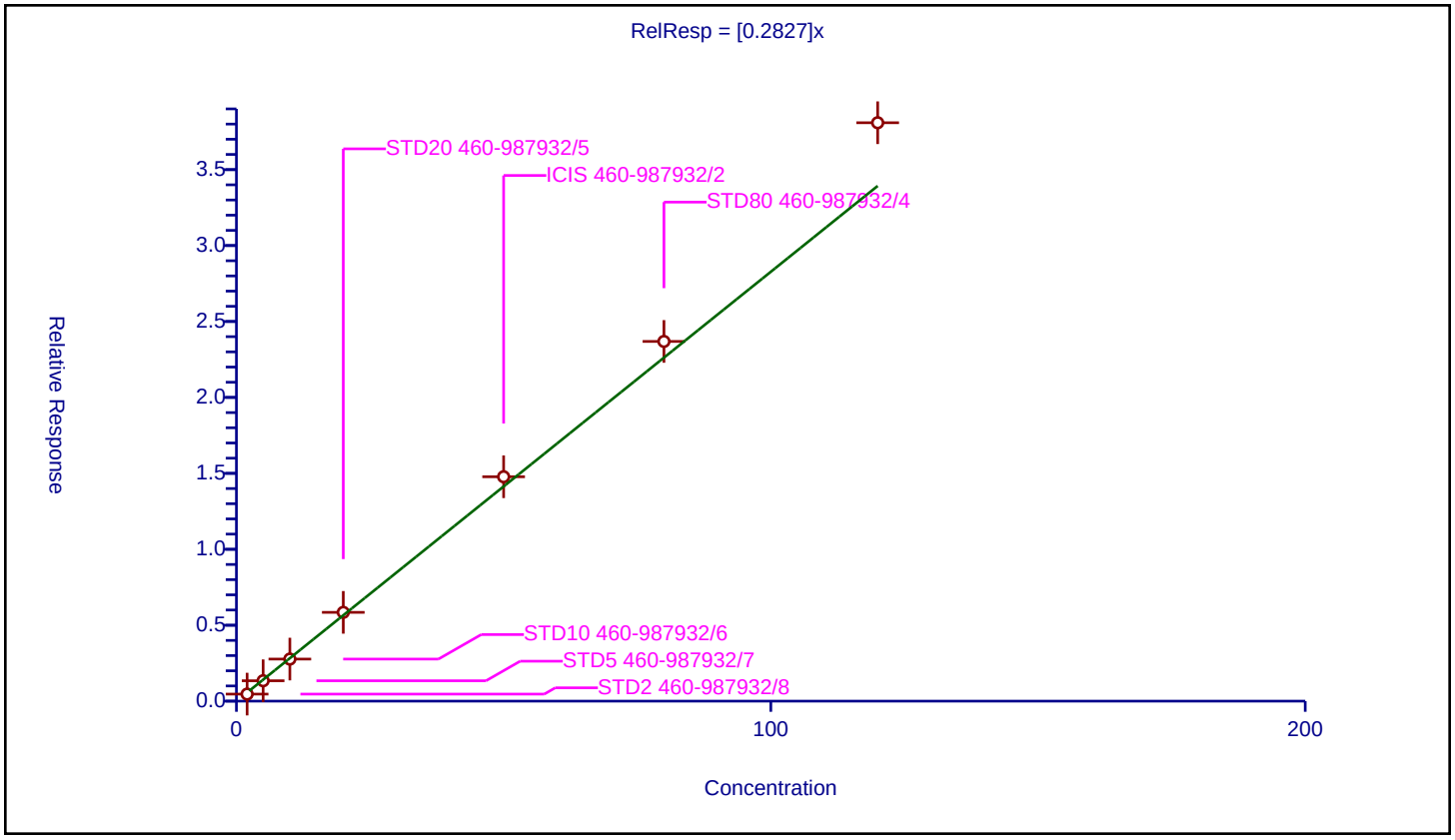
Curve Coefficients

Intercept:	0
Slope:	0.2827

Error Coefficients

Relative Standard Deviation:	9.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD2 460-987932/8	2.0	0.464731	40.0	1818255.0	0.232366	Y
2	STD5 460-987932/7	5.0	1.342691	40.0	1890412.0	0.268538	Y
3	STD10 460-987932/6	10.0	2.769435	40.0	1867052.0	0.276944	Y
4	STD20 460-987932/5	20.0	5.846003	40.0	1856058.0	0.2923	Y
5	ICIS 460-987932/2	50.0	14.775987	40.0	2081553.0	0.29552	Y
6	STD80 460-987932/4	80.0	23.687005	40.0	1945411.0	0.296088	Y
7	STD120 460-987932/3	120.0	38.088489	40.0	1892911.0	0.317404	Y



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Calibration / 1,2,4-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

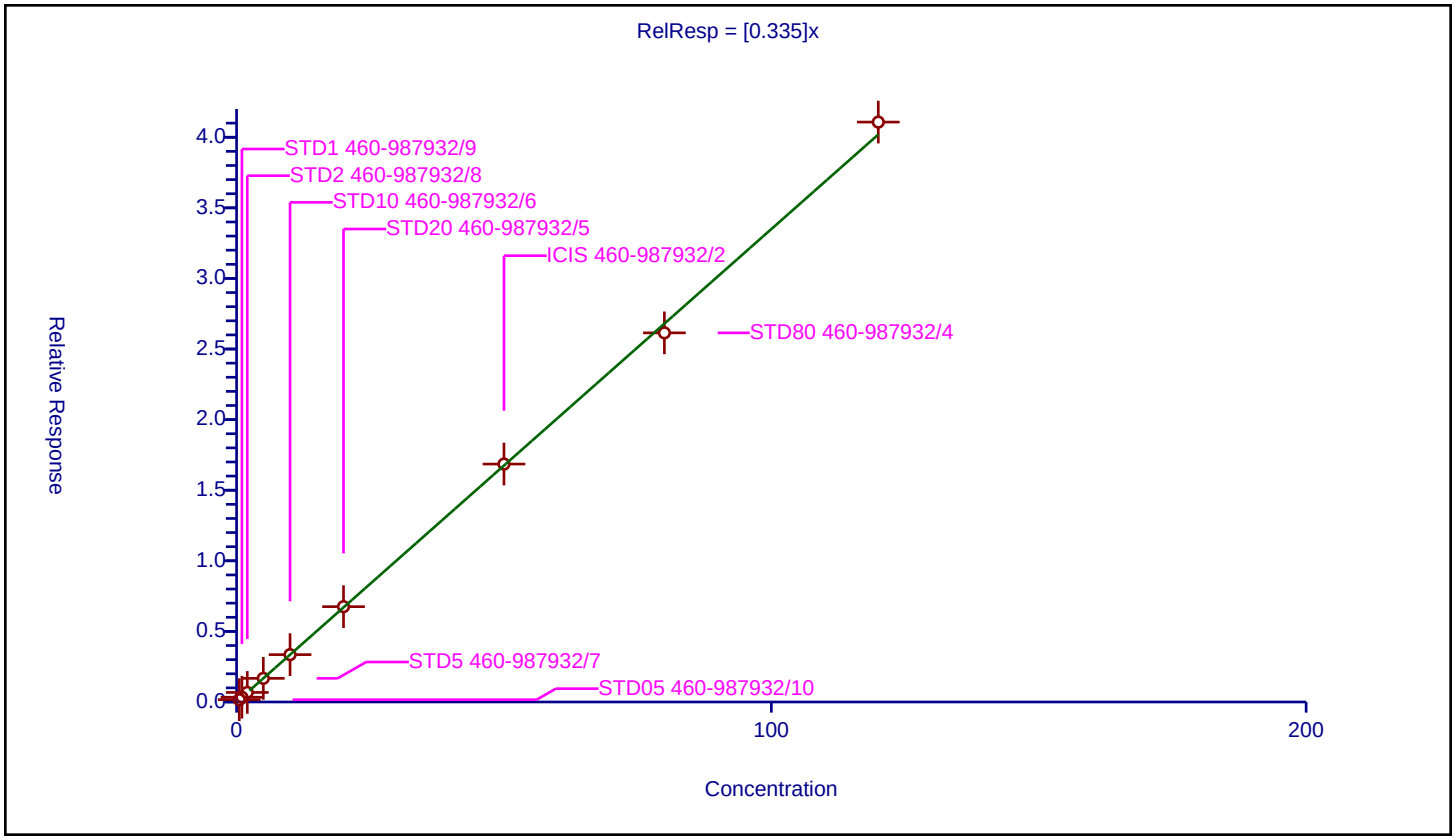
Curve Coefficients

Intercept:	0
Slope:	0.335

Error Coefficients

Relative Standard Deviation:	1.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-987932/10	0.5	0.163024	40.0	1733974.0	0.326049	Y
2	STD1 460-987932/9	1.0	0.336273	40.0	1822806.0	0.336273	Y
3	STD2 460-987932/8	2.0	0.676759	40.0	1818255.0	0.338379	Y
4	STD5 460-987932/7	5.0	1.673476	40.0	1890412.0	0.334695	Y
5	STD10 460-987932/6	10.0	3.3544	40.0	1867052.0	0.33544	Y
6	STD20 460-987932/5	20.0	6.752203	40.0	1856058.0	0.33761	Y
7	ICIS 460-987932/2	50.0	16.852475	40.0	2081553.0	0.33705	Y
8	STD80 460-987932/4	80.0	26.14518	40.0	1945411.0	0.326815	Y
9	STD120 460-987932/3	120.0	41.073923	40.0	1892911.0	0.342283	Y



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Calibration / Naphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

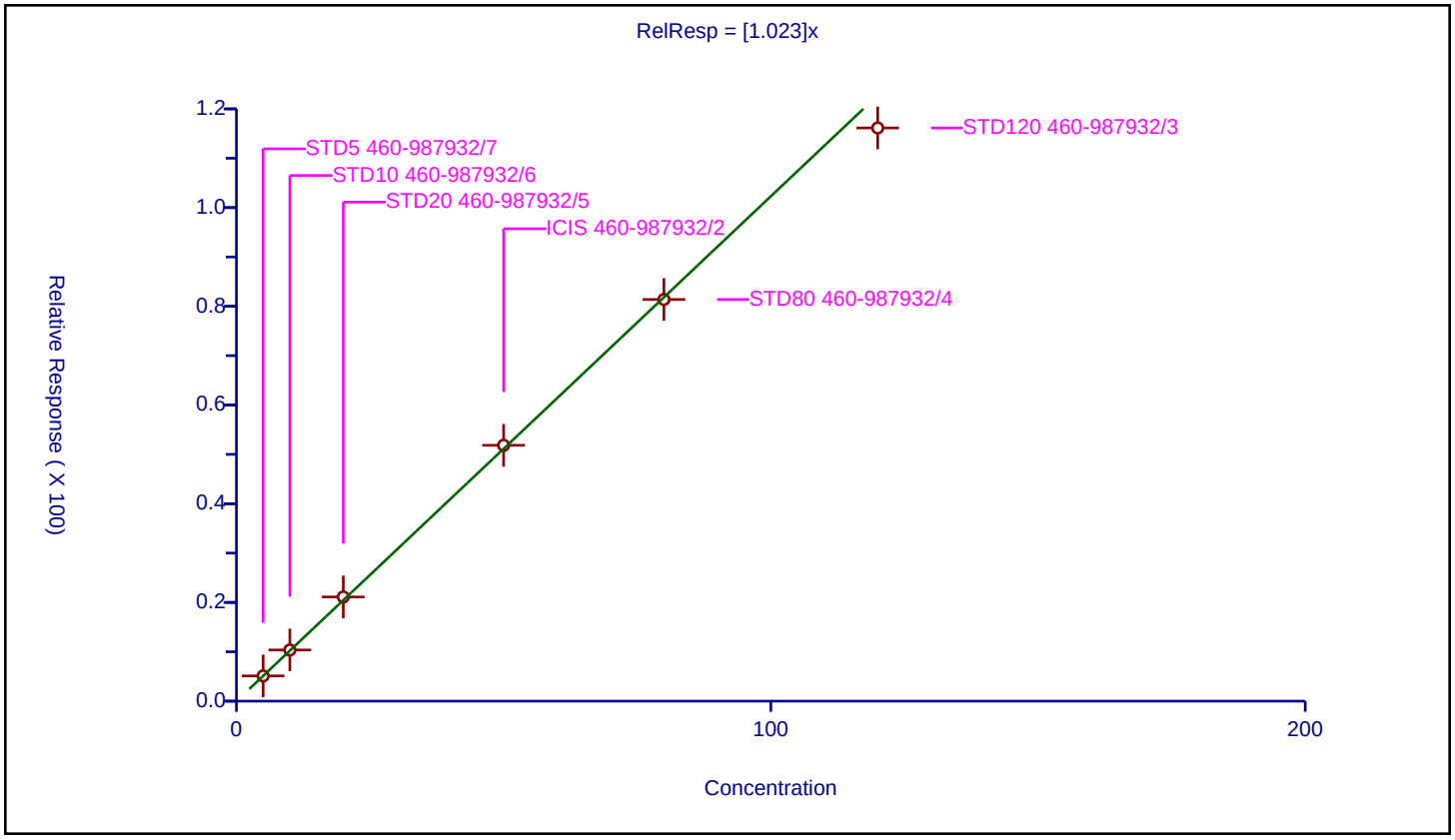
Curve Coefficients

Intercept:	0
Slope:	1.023

Error Coefficients

Relative Standard Deviation:	2.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-987932/7	5.0	5.115435	40.0	1890412.0	1.023087	Y
2	STD10 460-987932/6	10.0	10.36706	40.0	1867052.0	1.036706	Y
3	STD20 460-987932/5	20.0	21.107638	40.0	1856058.0	1.055382	Y
4	ICIS 460-987932/2	50.0	51.839314	40.0	2081553.0	1.036786	Y
5	STD80 460-987932/4	80.0	81.385003	40.0	1945411.0	1.017313	Y
6	STD120 460-987932/3	120.0	116.138667	40.0	1892911.0	0.967822	Y



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Calibration / 4-Chloroaniline

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

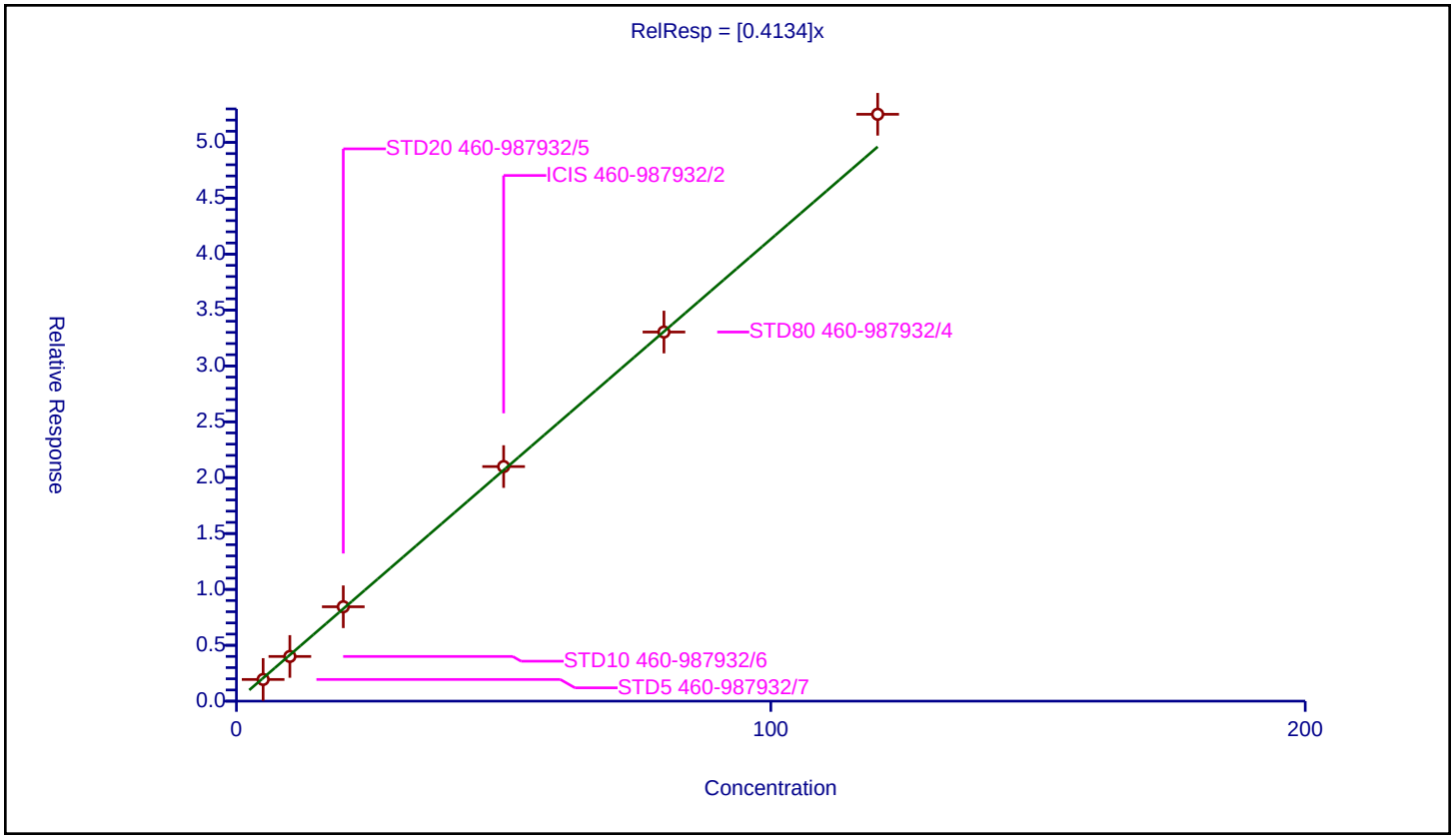
Curve Coefficients

Intercept:	0
Slope:	0.4134

Error Coefficients

Relative Standard Deviation:	4.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-987932/7	5.0	1.939958	40.0	1890412.0	0.387992	Y
2	STD10 460-987932/6	10.0	3.99886	40.0	1867052.0	0.399886	Y
3	STD20 460-987932/5	20.0	8.446654	40.0	1856058.0	0.422333	Y
4	ICIS 460-987932/2	50.0	20.991577	40.0	2081553.0	0.419832	Y
5	STD80 460-987932/4	80.0	33.032115	40.0	1945411.0	0.412901	Y
6	STD120 460-987932/3	120.0	52.518602	40.0	1892911.0	0.437655	Y



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Calibration / Hexachlorobutadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

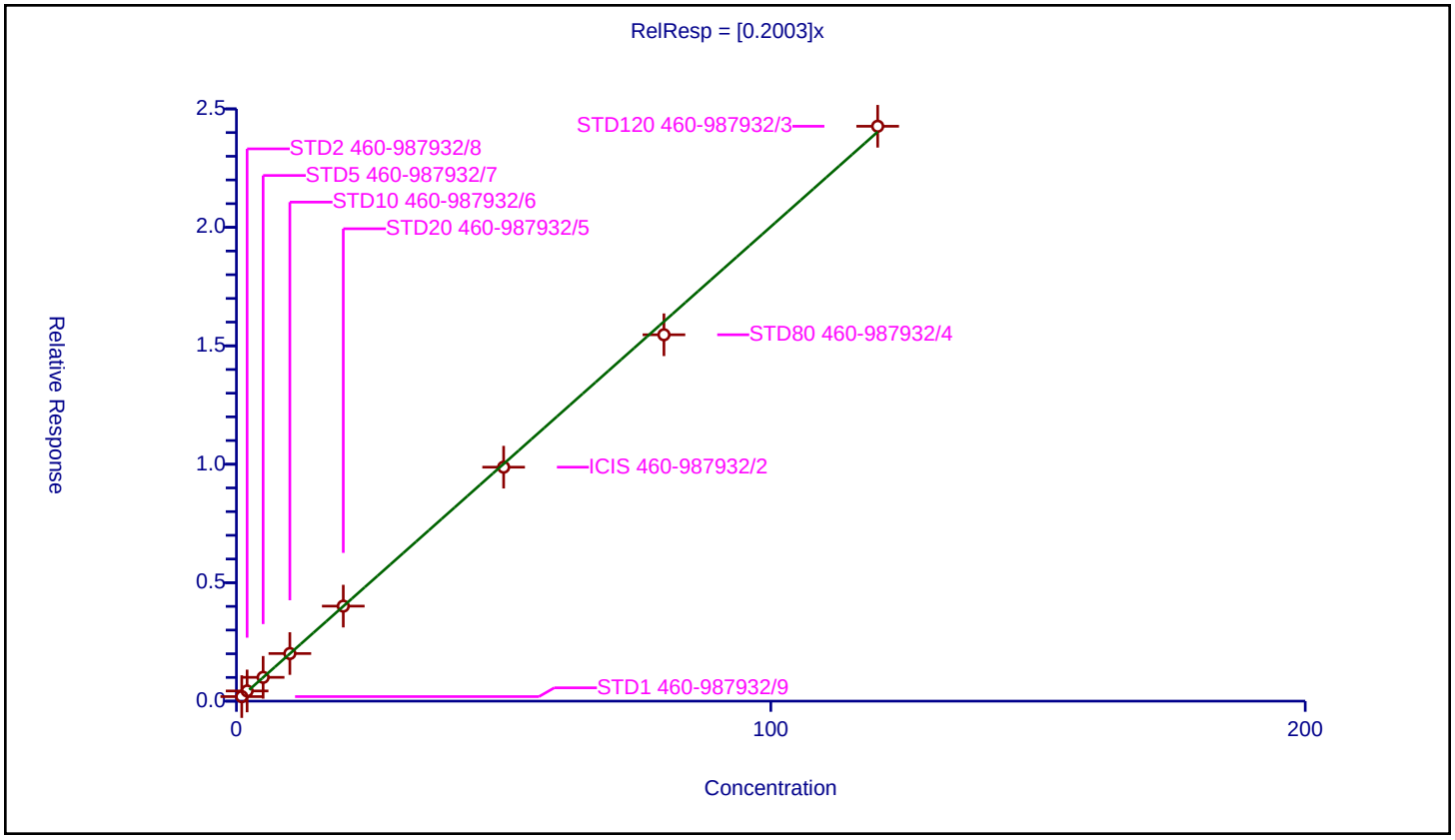
Curve Coefficients

Intercept:	0
Slope:	0.2003

Error Coefficients

Relative Standard Deviation:	3.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987932/9	1.0	0.191814	40.0	1822806.0	0.191814	Y
2	STD2 460-987932/8	2.0	0.429995	40.0	1818255.0	0.214997	Y
3	STD5 460-987932/7	5.0	1.004183	40.0	1890412.0	0.200837	Y
4	STD10 460-987932/6	10.0	2.009692	40.0	1867052.0	0.200969	Y
5	STD20 460-987932/5	20.0	4.010327	40.0	1856058.0	0.200516	Y
6	ICIS 460-987932/2	50.0	9.876068	40.0	2081553.0	0.197521	Y
7	STD80 460-987932/4	80.0	15.465585	40.0	1945411.0	0.19332	Y
8	STD120 460-987932/3	120.0	24.267448	40.0	1892911.0	0.202229	Y



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Calibration / Caprolactam

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

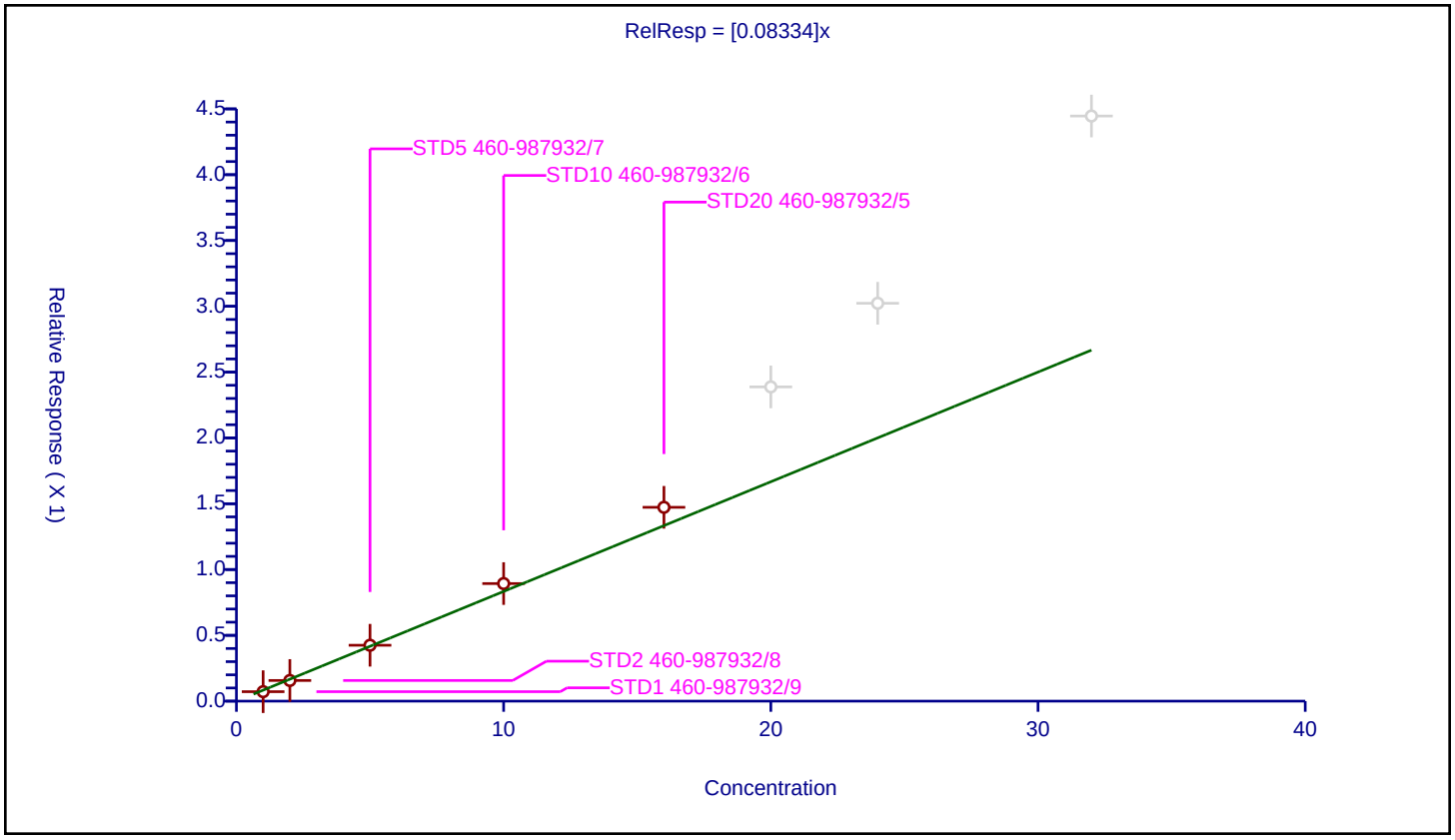
Curve Coefficients

Intercept:	0
Slope:	0.08334

Error Coefficients

Relative Standard Deviation:	9.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987932/9	1.0	0.071867	40.0	1822806.0	0.071867	Y
2	STD2 460-987932/8	2.0	0.15703	40.0	1818255.0	0.078515	Y
3	STD5 460-987932/7	5.0	0.424733	40.0	1890412.0	0.084947	Y
4	STD10 460-987932/6	10.0	0.893408	40.0	1867052.0	0.089341	Y
5	STD20 460-987932/5	16.0	1.472669	40.0	1856058.0	0.092042	Y
6	ICIS 460-987932/2	20.0	2.387736	40.0	2081553.0	0.119387	N
7	STD80 460-987932/4	24.0	3.023197	40.0	1945411.0	0.125967	N
8	STD120 460-987932/3	32.0	4.445766	40.0	1892911.0	0.13893	N



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Calibration / 4-Chloro-3-methylphenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

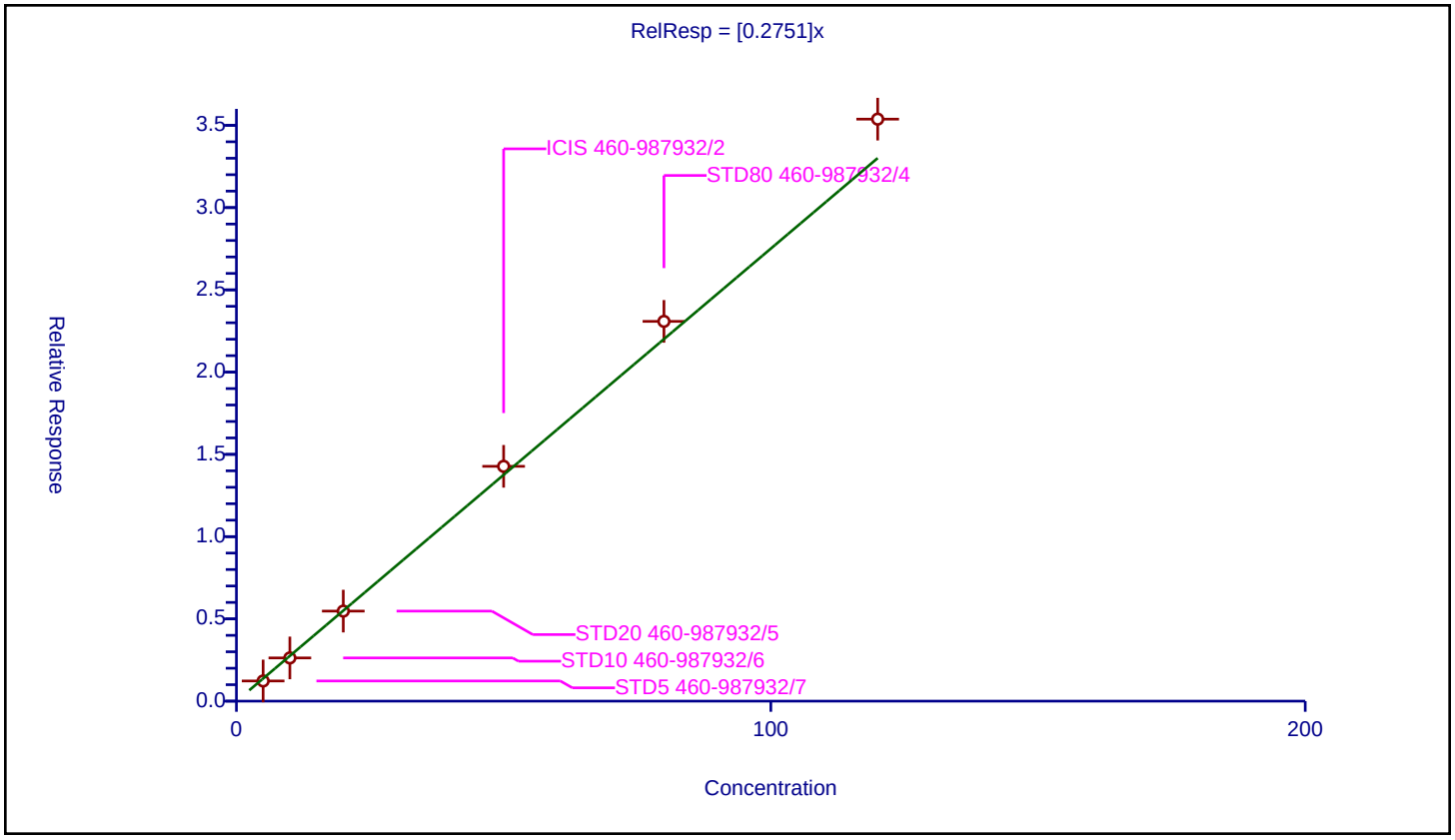
Curve Coefficients

Intercept:	0
Slope:	0.2751

Error Coefficients

Relative Standard Deviation:	6.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-987932/7	5.0	1.226442	40.0	1890412.0	0.245288	Y
2	STD10 460-987932/6	10.0	2.626836	40.0	1867052.0	0.262684	Y
3	STD20 460-987932/5	20.0	5.472523	40.0	1856058.0	0.273626	Y
4	ICIS 460-987932/2	50.0	14.273689	40.0	2081553.0	0.285474	Y
5	STD80 460-987932/4	80.0	23.084253	40.0	1945411.0	0.288553	Y
6	STD120 460-987932/3	120.0	35.377279	40.0	1892911.0	0.294811	Y



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Calibration / 2-Methylnaphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

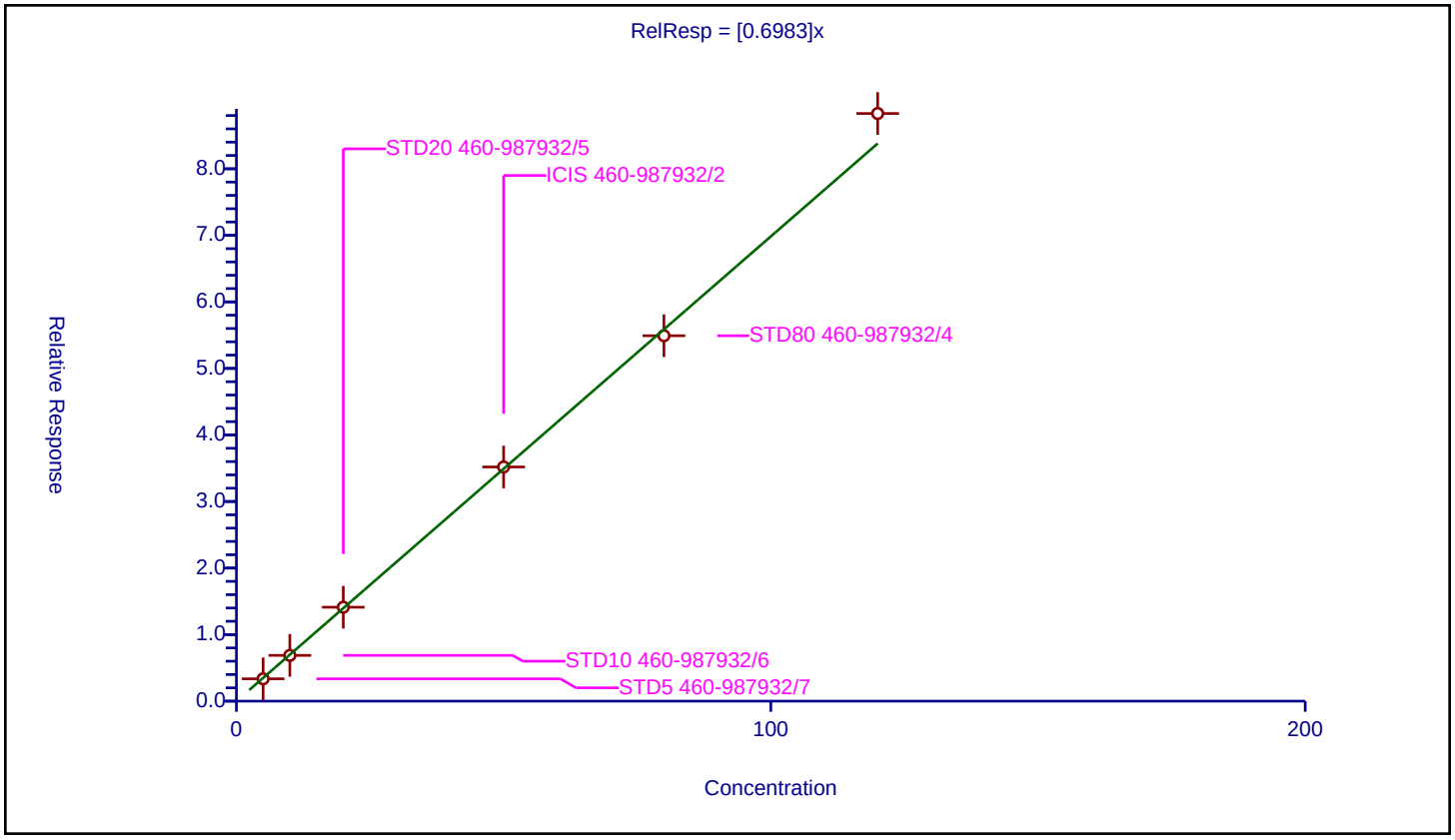
Curve Coefficients

Intercept:	0
Slope:	0.6983

Error Coefficients

Relative Standard Deviation:	3.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-987932/7	5.0	3.35493	40.0	1890412.0	0.670986	Y
2	STD10 460-987932/6	10.0	6.87261	40.0	1867052.0	0.687261	Y
3	STD20 460-987932/5	20.0	14.11471	40.0	1856058.0	0.705735	Y
4	ICIS 460-987932/2	50.0	35.19013	40.0	2081553.0	0.703803	Y
5	STD80 460-987932/4	80.0	54.910926	40.0	1945411.0	0.686387	Y
6	STD120 460-987932/3	120.0	88.306888	40.0	1892911.0	0.735891	Y



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Calibration / 1-Methylnaphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

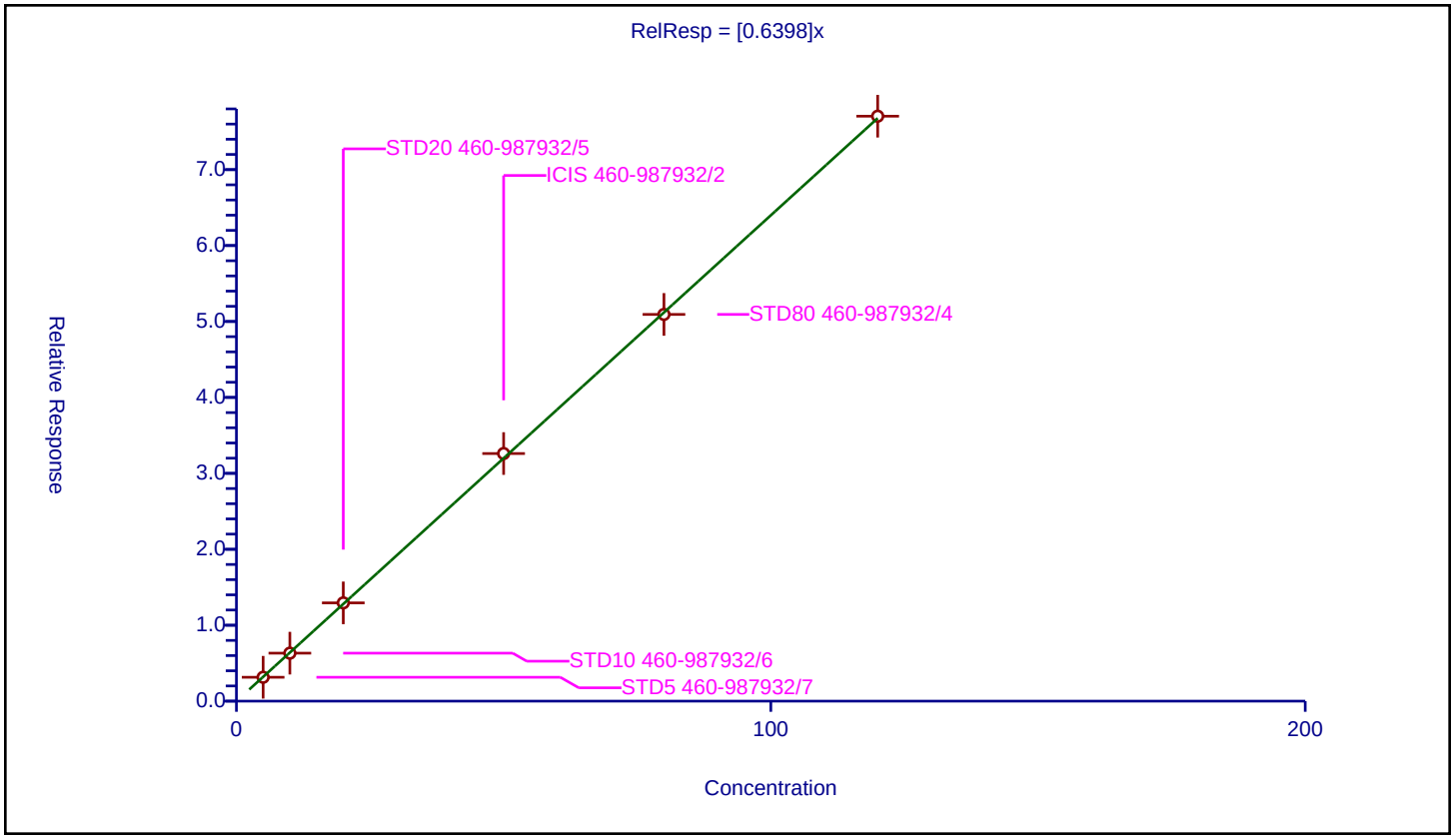
Curve Coefficients

Intercept:	0
Slope:	0.6398

Error Coefficients

Relative Standard Deviation:	1.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-987932/7	5.0	3.146277	40.0	1890412.0	0.629255	Y
2	STD10 460-987932/6	10.0	6.317853	40.0	1867052.0	0.631785	Y
3	STD20 460-987932/5	20.0	12.943173	40.0	1856058.0	0.647159	Y
4	ICIS 460-987932/2	50.0	32.610171	40.0	2081553.0	0.652203	Y
5	STD80 460-987932/4	80.0	50.929187	40.0	1945411.0	0.636615	Y
6	STD120 460-987932/3	120.0	77.039142	40.0	1892911.0	0.641993	Y



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Calibration / Hexachlorocyclopentadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

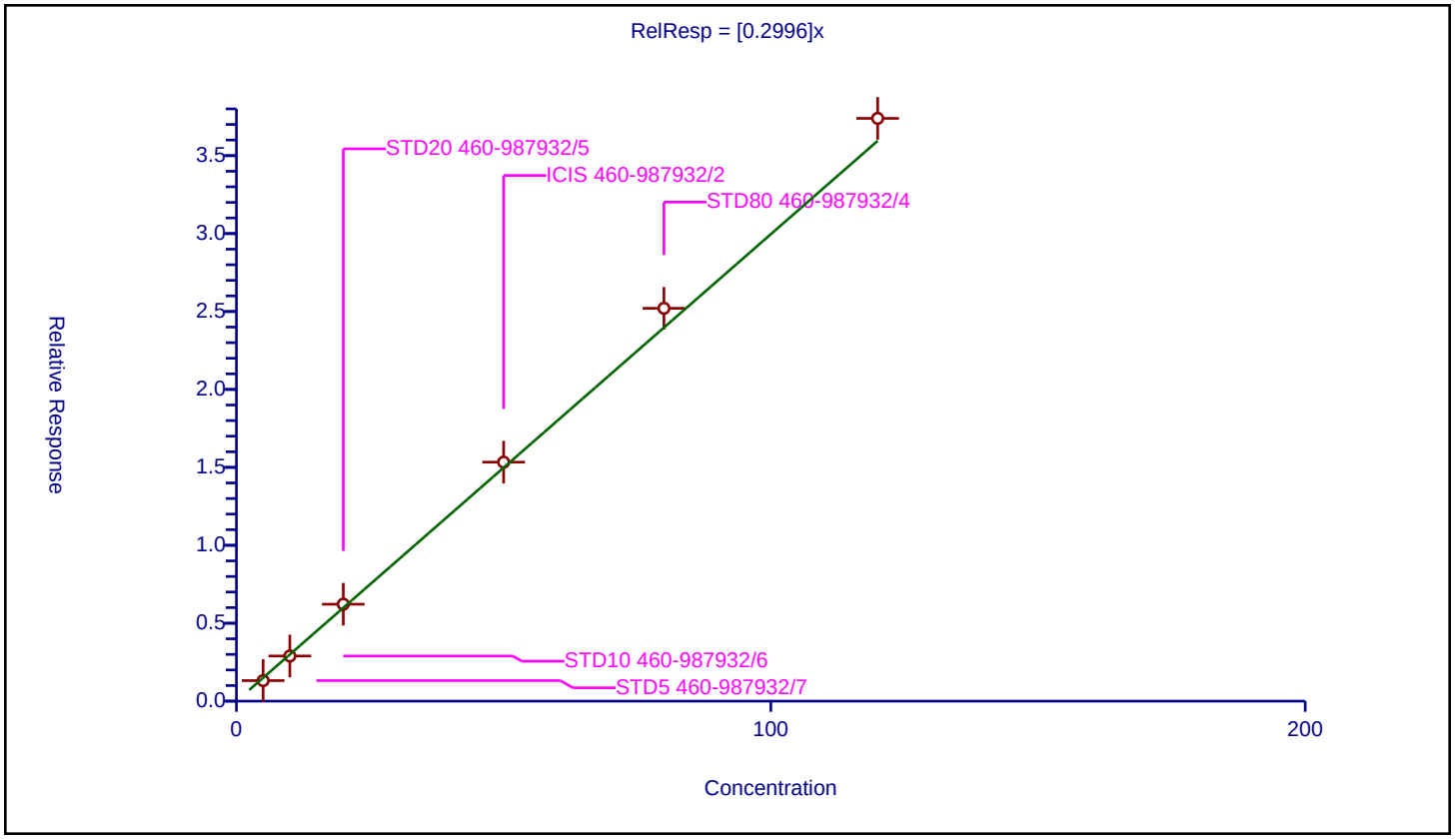
Curve Coefficients

Intercept:	0
Slope:	0.2996

Error Coefficients

Relative Standard Deviation:	6.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-987932/7	5.0	1.317919	40.0	1044495.0	0.263584	Y
2	STD10 460-987932/6	10.0	2.89635	40.0	1045081.0	0.289635	Y
3	STD20 460-987932/5	20.0	6.219504	40.0	1031497.0	0.310975	Y
4	ICIS 460-987932/2	50.0	15.33319	40.0	1128261.0	0.306664	Y
5	STD80 460-987932/4	80.0	25.206069	40.0	1069179.0	0.315076	Y
6	STD120 460-987932/3	120.0	37.392354	40.0	1038730.0	0.311603	Y



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Calibration / 1,2,4,5-Tetrachlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

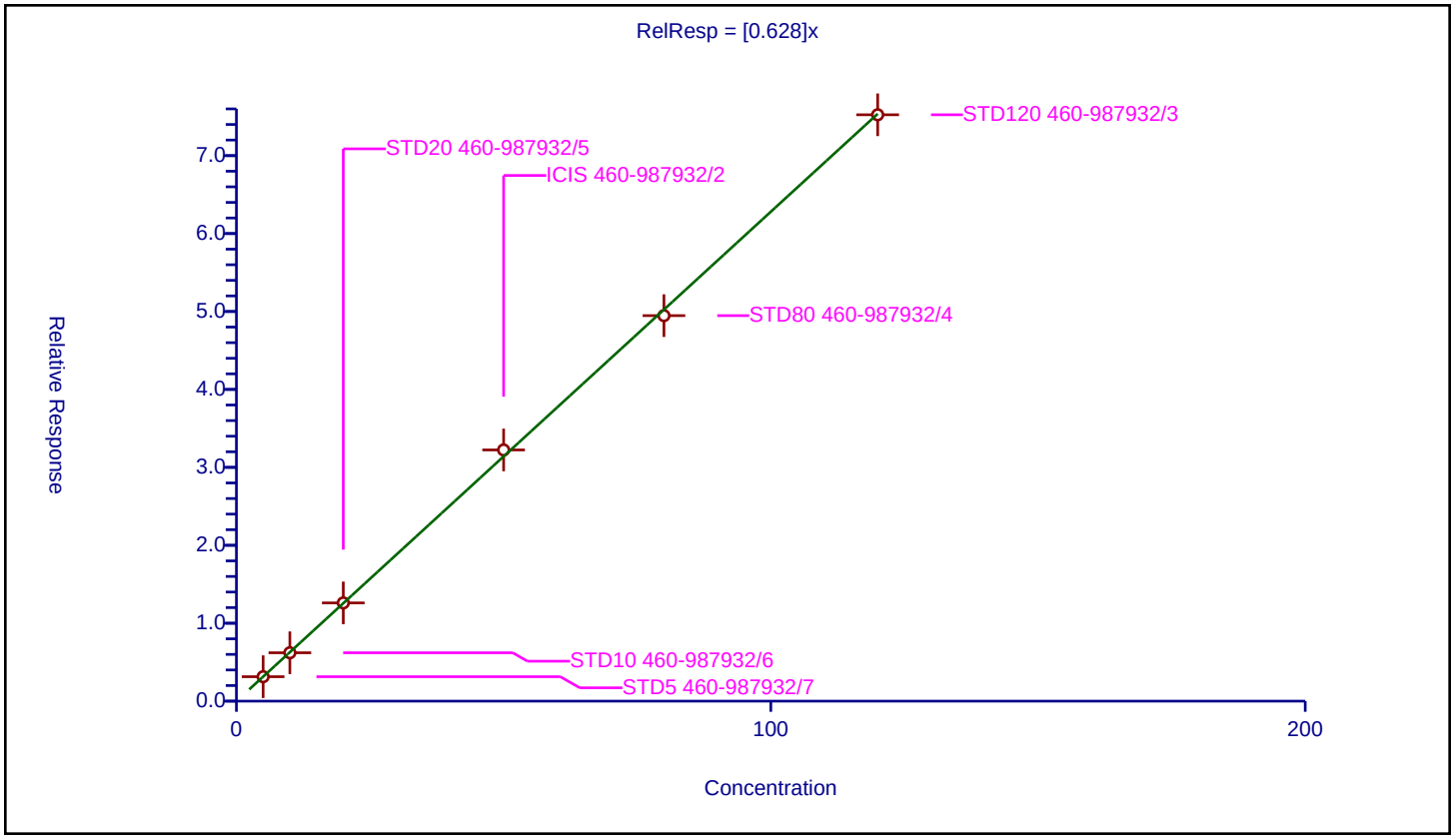
Curve Coefficients

Intercept:	0
Slope:	0.628

Error Coefficients

Relative Standard Deviation:	1.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-987932/7	5.0	3.134835	40.0	1044495.0	0.626967	Y
2	STD10 460-987932/6	10.0	6.207748	40.0	1045081.0	0.620775	Y
3	STD20 460-987932/5	20.0	12.607153	40.0	1031497.0	0.630358	Y
4	ICIS 460-987932/2	50.0	32.235591	40.0	1128261.0	0.644712	Y
5	STD80 460-987932/4	80.0	49.470519	40.0	1069179.0	0.618381	Y
6	STD120 460-987932/3	120.0	75.245194	40.0	1038730.0	0.627043	Y



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Calibration / 2-tertbutyl-4-methylphenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

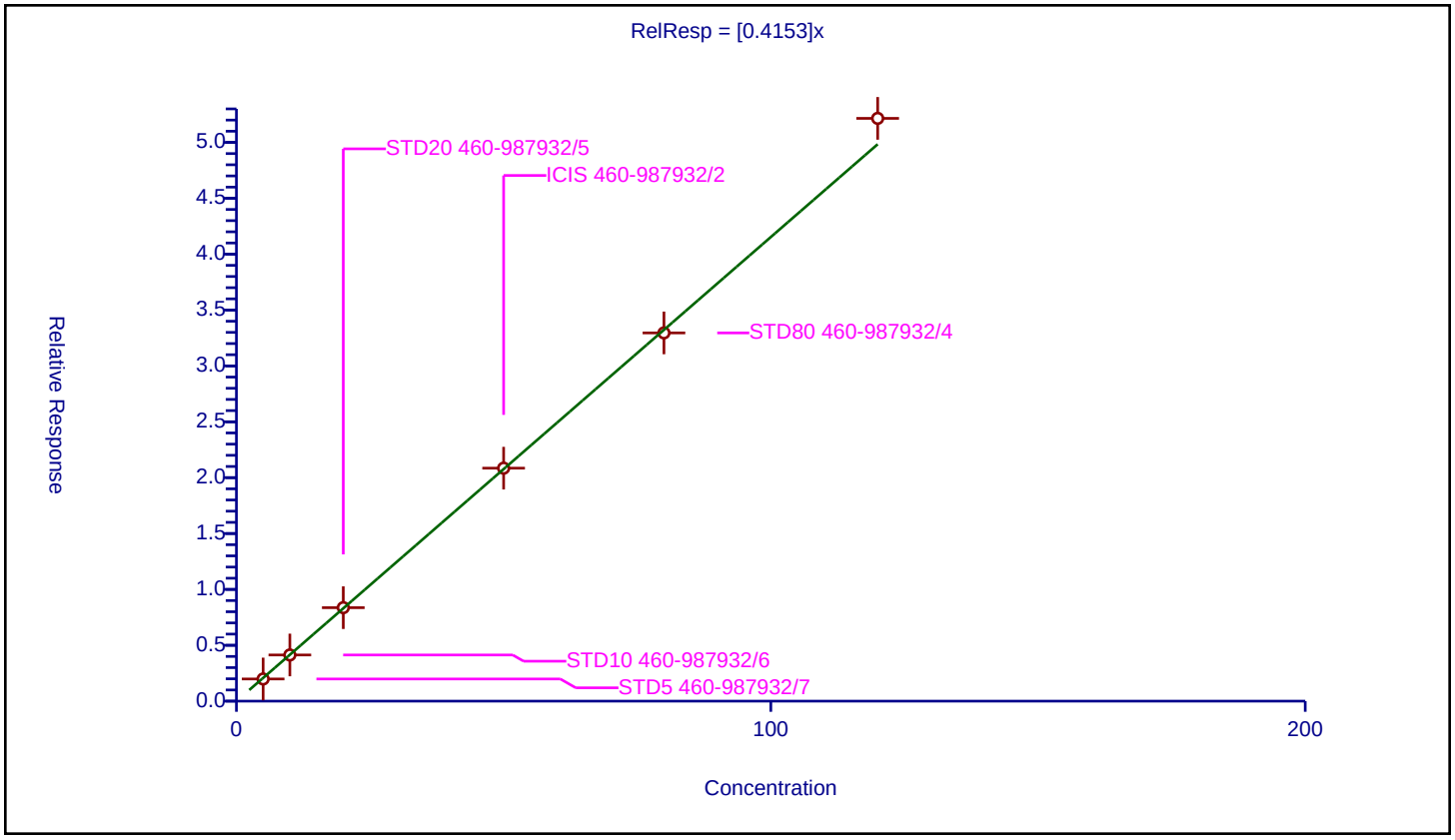
Curve Coefficients

Intercept:	0
Slope:	0.4153

Error Coefficients

Relative Standard Deviation:	2.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-987932/7	5.0	1.984202	40.0	1890412.0	0.39684	Y
2	STD10 460-987932/6	10.0	4.132354	40.0	1867052.0	0.413235	Y
3	STD20 460-987932/5	20.0	8.365364	40.0	1856058.0	0.418268	Y
4	ICIS 460-987932/2	50.0	20.849222	40.0	2081553.0	0.416984	Y
5	STD80 460-987932/4	80.0	32.953612	40.0	1945411.0	0.41192	Y
6	STD120 460-987932/3	120.0	52.151971	40.0	1892911.0	0.4346	Y



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Calibration / 2,4,6-Trichlorophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

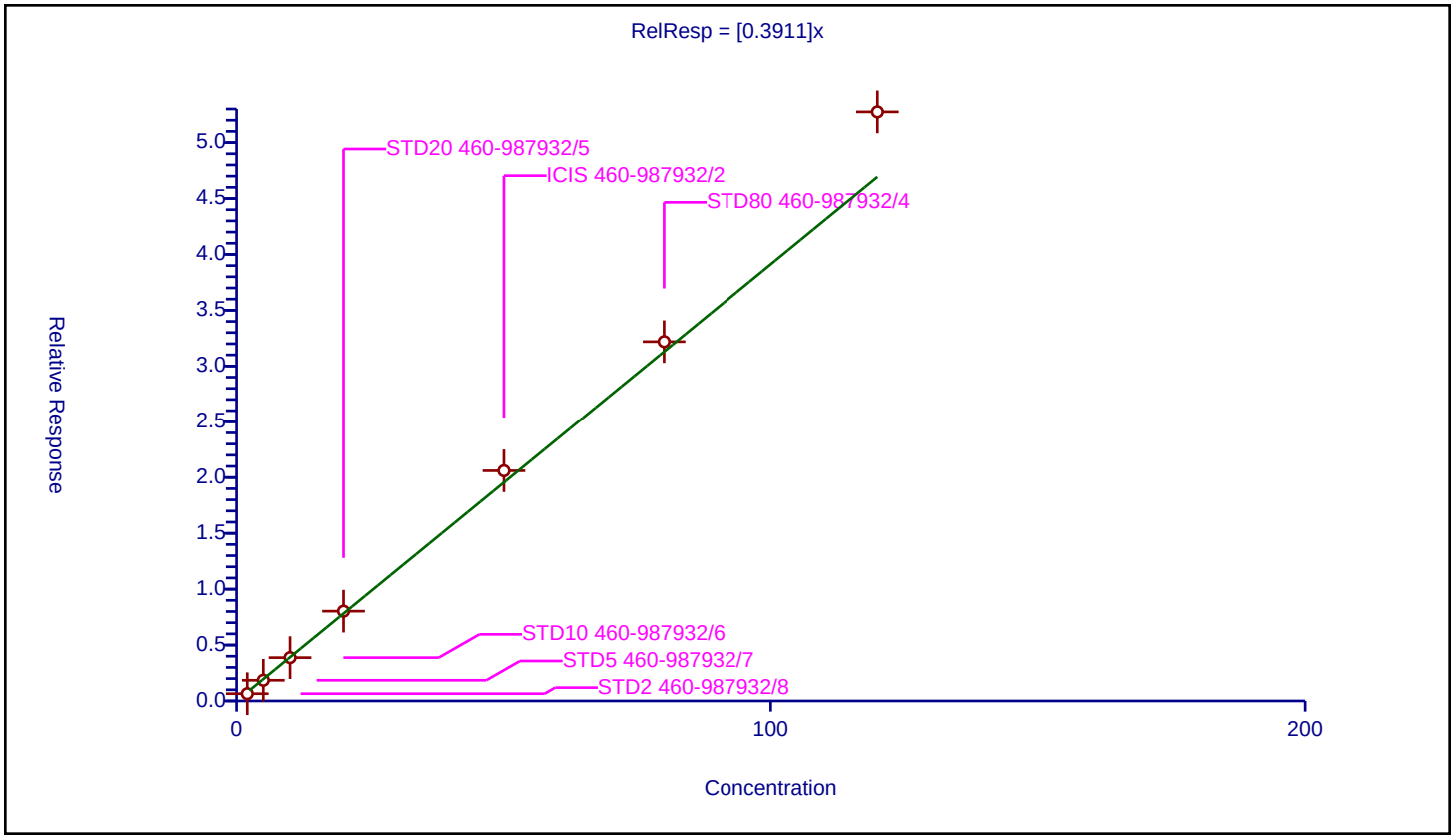
Curve Coefficients

Intercept:	0
Slope:	0.3911

Error Coefficients

Relative Standard Deviation:	9.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD2 460-987932/8	2.0	0.649616	40.0	1003054.0	0.324808	Y
2	STD5 460-987932/7	5.0	1.851038	40.0	1044495.0	0.370208	Y
3	STD10 460-987932/6	10.0	3.873767	40.0	1045081.0	0.387377	Y
4	STD20 460-987932/5	20.0	8.031977	40.0	1031497.0	0.401599	Y
5	ICIS 460-987932/2	50.0	20.605161	40.0	1128261.0	0.412103	Y
6	STD80 460-987932/4	80.0	32.187314	40.0	1069179.0	0.402341	Y
7	STD120 460-987932/3	120.0	52.74179	40.0	1038730.0	0.439515	Y



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Calibration / 2,4,5-Trichlorophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

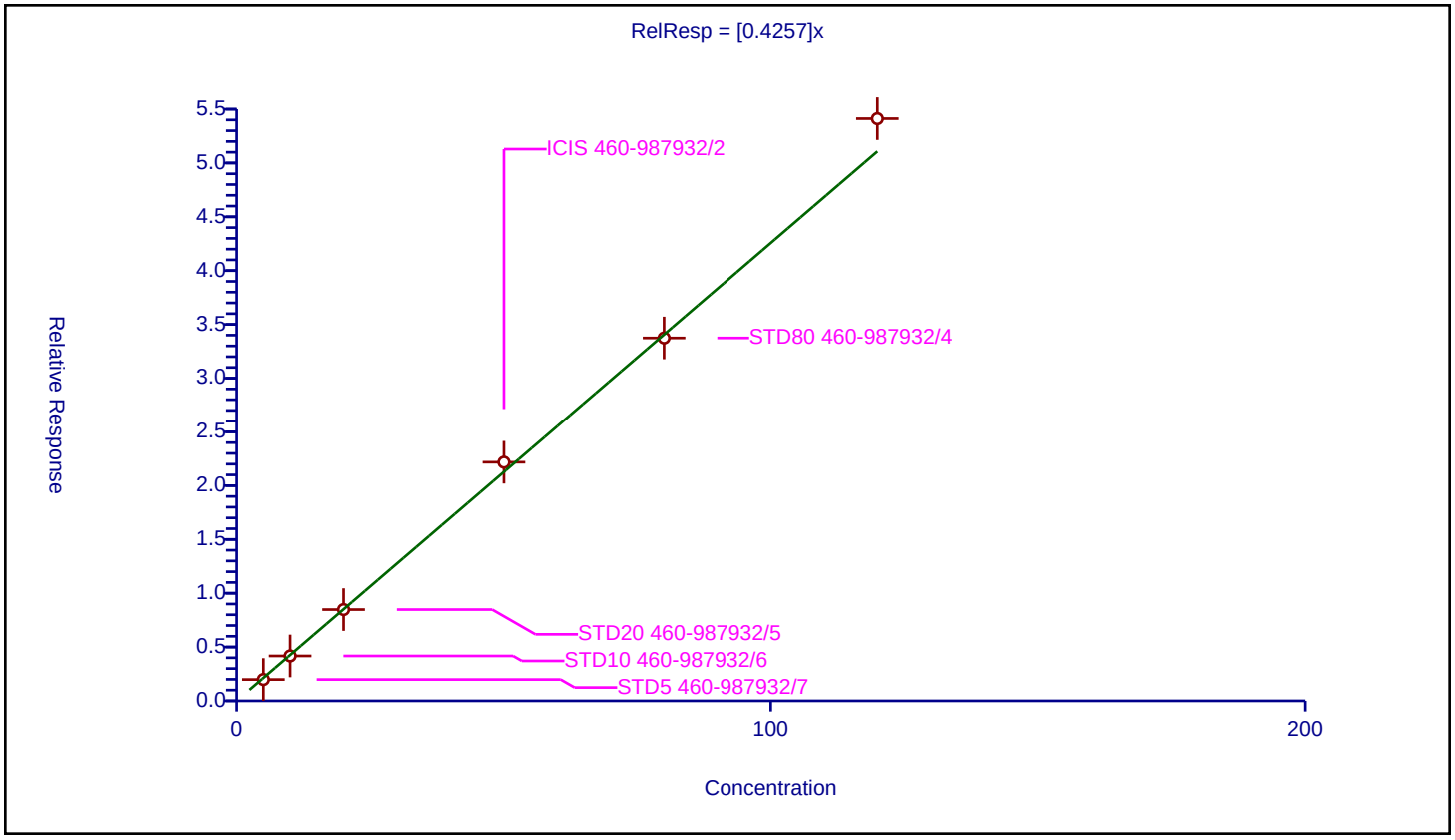
Curve Coefficients

Intercept:	0
Slope:	0.4257

Error Coefficients

Relative Standard Deviation:	4.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-987932/7	5.0	1.981091	40.0	1044495.0	0.396218	Y
2	STD10 460-987932/6	10.0	4.172614	40.0	1045081.0	0.417261	Y
3	STD20 460-987932/5	20.0	8.482933	40.0	1031497.0	0.424147	Y
4	ICIS 460-987932/2	50.0	22.180187	40.0	1128261.0	0.443604	Y
5	STD80 460-987932/4	80.0	33.7377	40.0	1069179.0	0.421721	Y
6	STD120 460-987932/3	120.0	54.12317	40.0	1038730.0	0.451026	Y



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Calibration / 2-Fluorobiphenyl

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

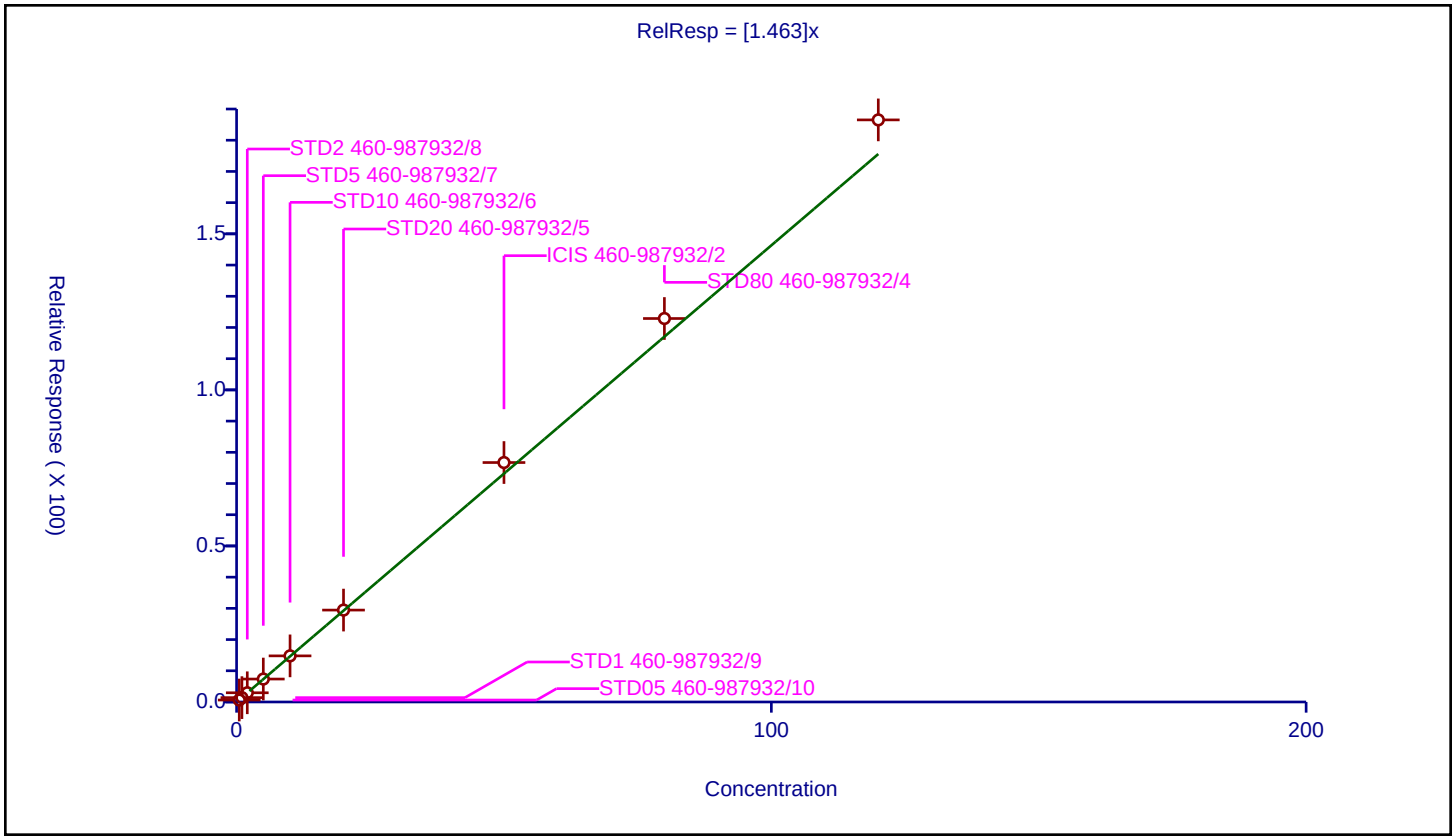
Curve Coefficients

Intercept:	0
Slope:	1.463

Error Coefficients

Relative Standard Deviation:	6.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-987932/10	0.5	0.626604	40.0	965777.0	1.253209	Y
2	STD1 460-987932/9	1.0	1.394414	40.0	1010001.0	1.394414	Y
3	STD2 460-987932/8	2.0	2.951227	40.0	1003054.0	1.475613	Y
4	STD5 460-987932/7	5.0	7.350997	40.0	1044495.0	1.470199	Y
5	STD10 460-987932/6	10.0	14.774051	40.0	1045081.0	1.477405	Y
6	STD20 460-987932/5	20.0	29.451215	40.0	1031497.0	1.472561	Y
7	ICIS 460-987932/2	50.0	76.722	40.0	1128261.0	1.53444	Y
8	STD80 460-987932/4	80.0	122.876375	40.0	1069179.0	1.535955	Y
9	STD120 460-987932/3	120.0	186.513531	40.0	1038730.0	1.554279	Y



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Calibration / 1,1'-Biphenyl

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

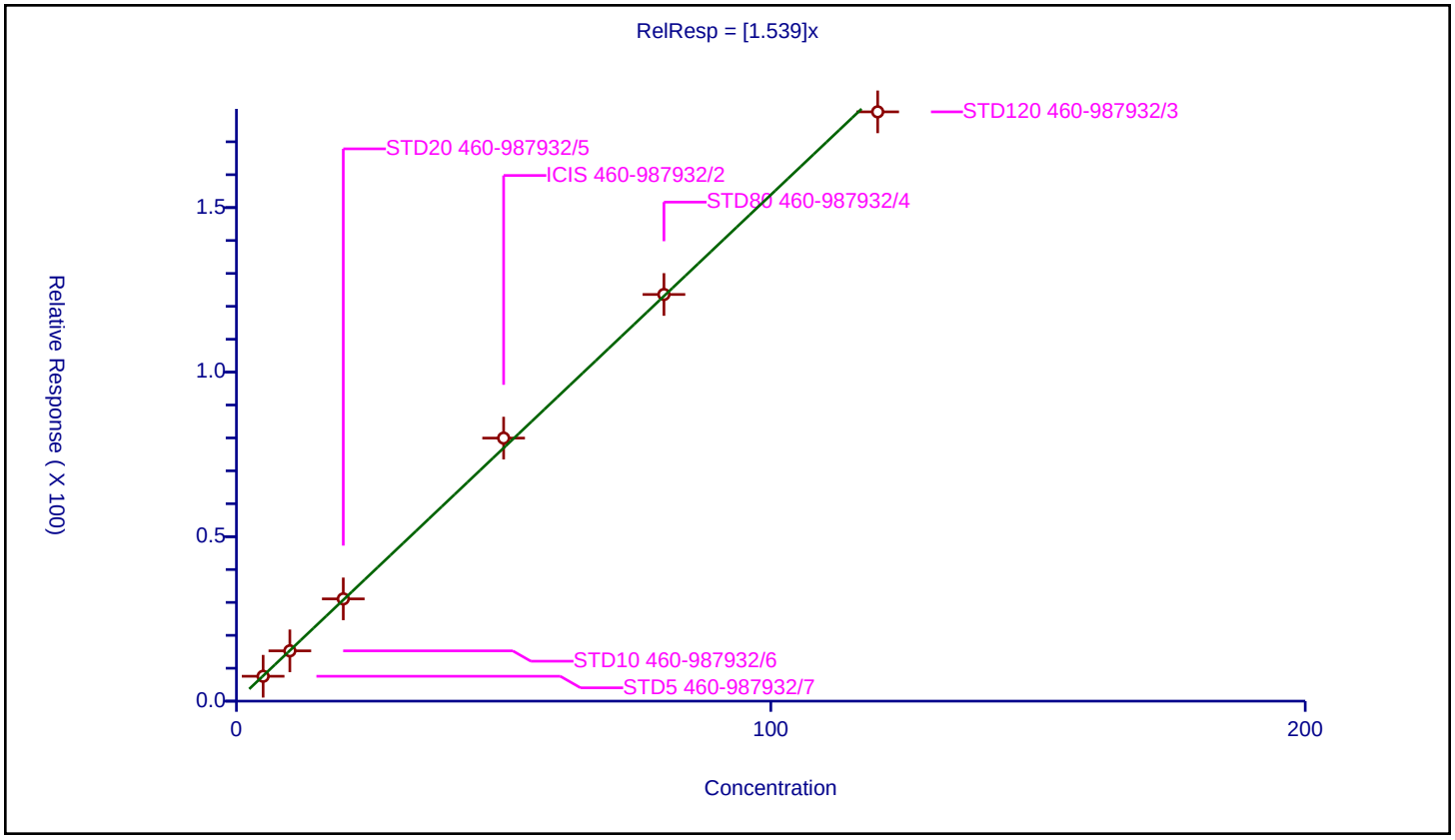
Curve Coefficients

Intercept:	0
Slope:	1.539

Error Coefficients

Relative Standard Deviation:	2.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-987932/7	5.0	7.564498	40.0	1044495.0	1.5129	Y
2	STD10 460-987932/6	10.0	15.289571	40.0	1045081.0	1.528957	Y
3	STD20 460-987932/5	20.0	31.079761	40.0	1031497.0	1.553988	Y
4	ICIS 460-987932/2	50.0	79.952174	40.0	1128261.0	1.599043	Y
5	STD80 460-987932/4	80.0	123.596367	40.0	1069179.0	1.544955	Y
6	STD120 460-987932/3	120.0	179.102134	40.0	1038730.0	1.492518	Y



Calibration / 2-Chloronaphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

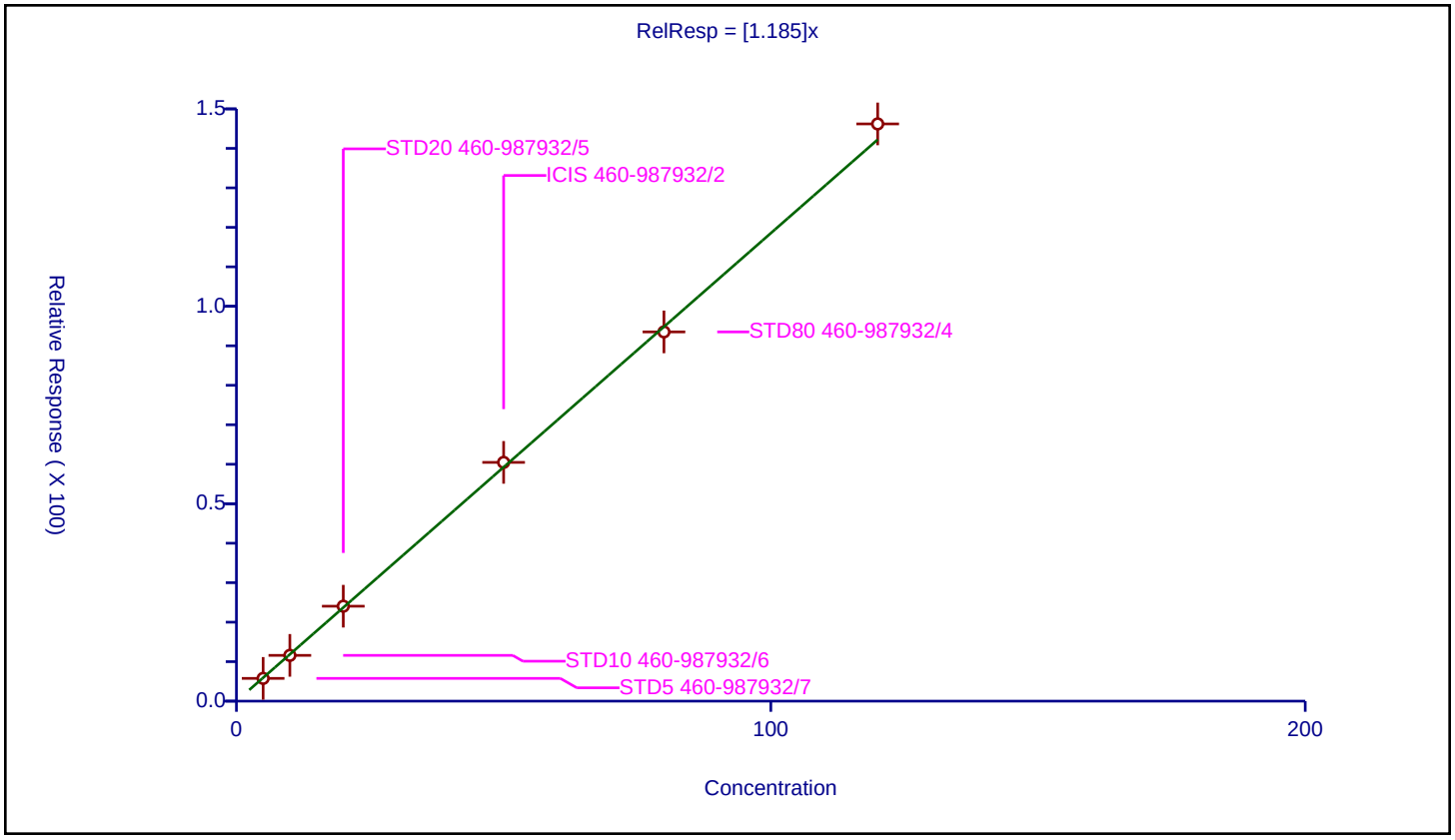
Curve Coefficients

Intercept:	0
Slope:	1.185

Error Coefficients

Relative Standard Deviation:	2.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-987932/7	5.0	5.766193	40.0	1044495.0	1.153239	Y
2	STD10 460-987932/6	10.0	11.589992	40.0	1045081.0	1.158999	Y
3	STD20 460-987932/5	20.0	24.042998	40.0	1031497.0	1.20215	Y
4	ICIS 460-987932/2	50.0	60.470476	40.0	1128261.0	1.20941	Y
5	STD80 460-987932/4	80.0	93.520505	40.0	1069179.0	1.169006	Y
6	STD120 460-987932/3	120.0	146.193063	40.0	1038730.0	1.218276	Y



Calibration / Phenyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

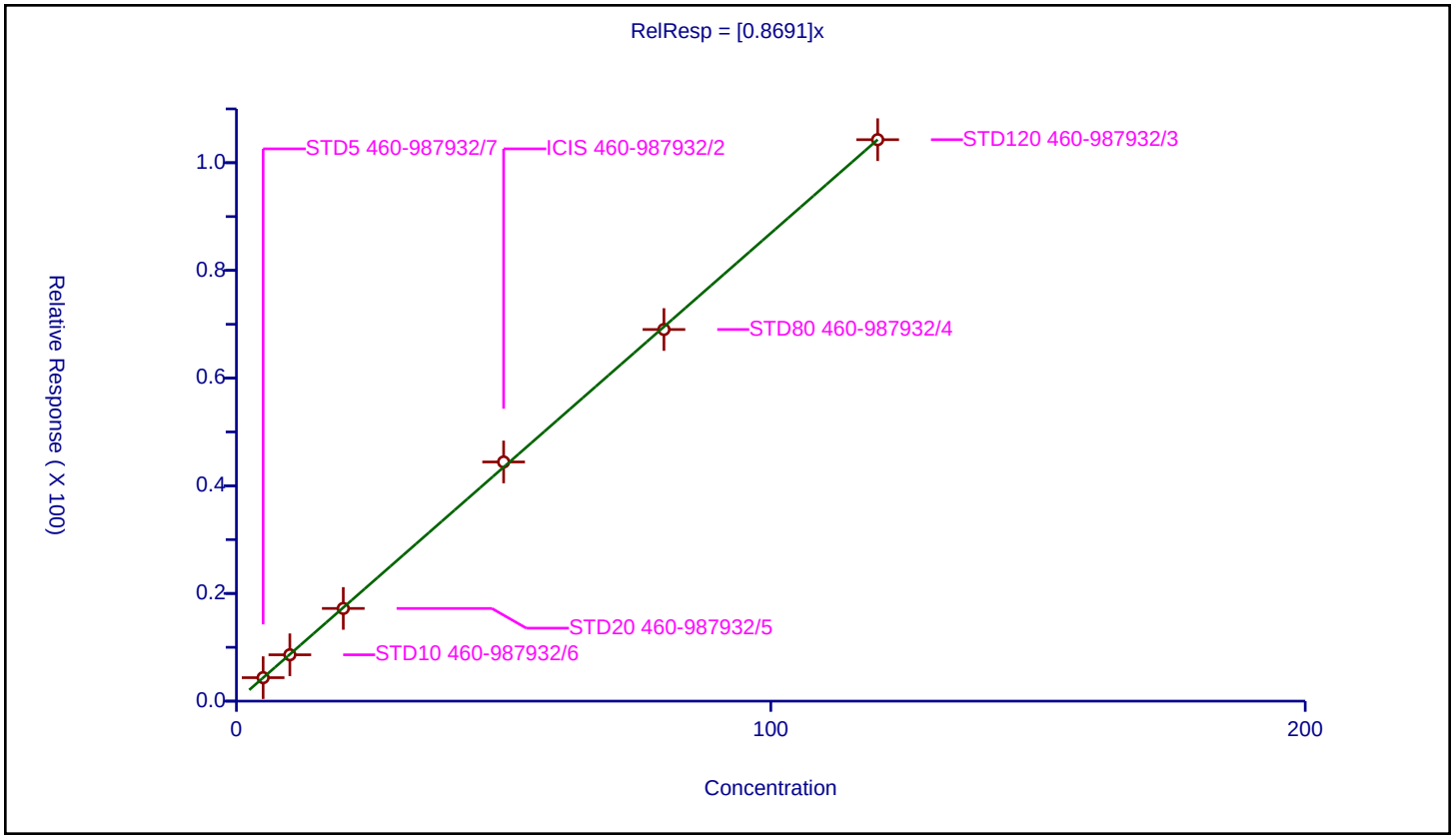
Curve Coefficients

Intercept:	0
Slope:	0.8691

Error Coefficients

Relative Standard Deviation:	1.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-987932/7	5.0	4.362912	40.0	1044495.0	0.872582	Y
2	STD10 460-987932/6	10.0	8.609132	40.0	1045081.0	0.860913	Y
3	STD20 460-987932/5	20.0	17.219168	40.0	1031497.0	0.860958	Y
4	ICIS 460-987932/2	50.0	44.422487	40.0	1128261.0	0.88845	Y
5	STD80 460-987932/4	80.0	69.027319	40.0	1069179.0	0.862841	Y
6	STD120 460-987932/3	120.0	104.281806	40.0	1038730.0	0.869015	Y



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Calibration / 2-Nitroaniline

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

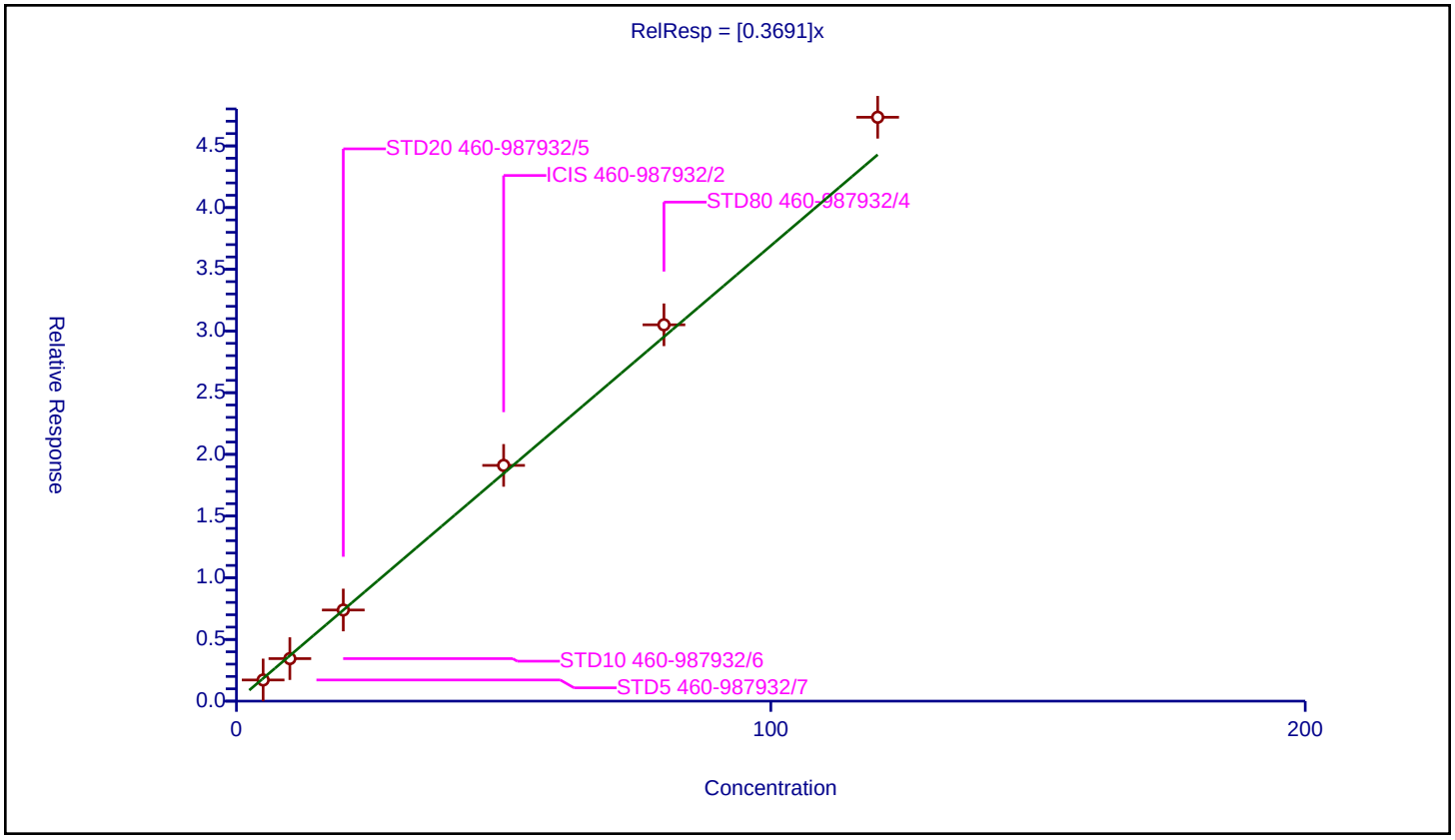
Curve Coefficients

Intercept:	0
Slope:	0.3691

Error Coefficients

Relative Standard Deviation:	5.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-987932/7	5.0	1.714091	40.0	1044495.0	0.342818	Y
2	STD10 460-987932/6	10.0	3.446508	40.0	1045081.0	0.344651	Y
3	STD20 460-987932/5	20.0	7.385926	40.0	1031497.0	0.369296	Y
4	ICIS 460-987932/2	50.0	19.106785	40.0	1128261.0	0.382136	Y
5	STD80 460-987932/4	80.0	30.501235	40.0	1069179.0	0.381265	Y
6	STD120 460-987932/3	120.0	47.32198	40.0	1038730.0	0.39435	Y



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Calibration / 1,3-Dimethylnaphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

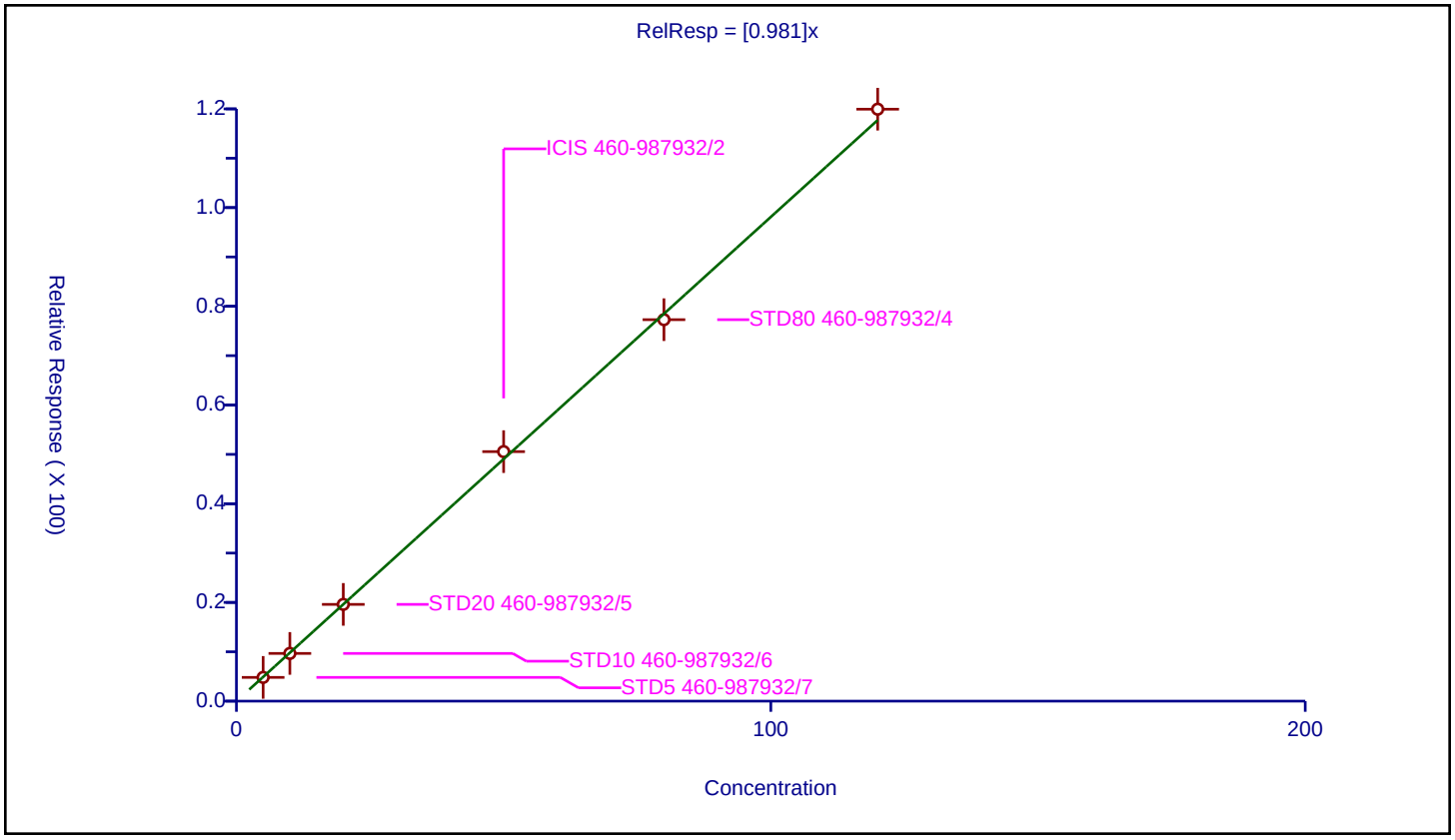
Curve Coefficients

Intercept:	0
Slope:	0.981

Error Coefficients

Relative Standard Deviation:	2.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-987932/7	5.0	4.810554	40.0	1044495.0	0.962111	Y
2	STD10 460-987932/6	10.0	9.668992	40.0	1045081.0	0.966899	Y
3	STD20 460-987932/5	20.0	19.605408	40.0	1031497.0	0.98027	Y
4	ICIS 460-987932/2	50.0	50.558621	40.0	1128261.0	1.011172	Y
5	STD80 460-987932/4	80.0	77.289397	40.0	1069179.0	0.966117	Y
6	STD120 460-987932/3	120.0	119.941197	40.0	1038730.0	0.99951	Y



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Calibration / Coumarin

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

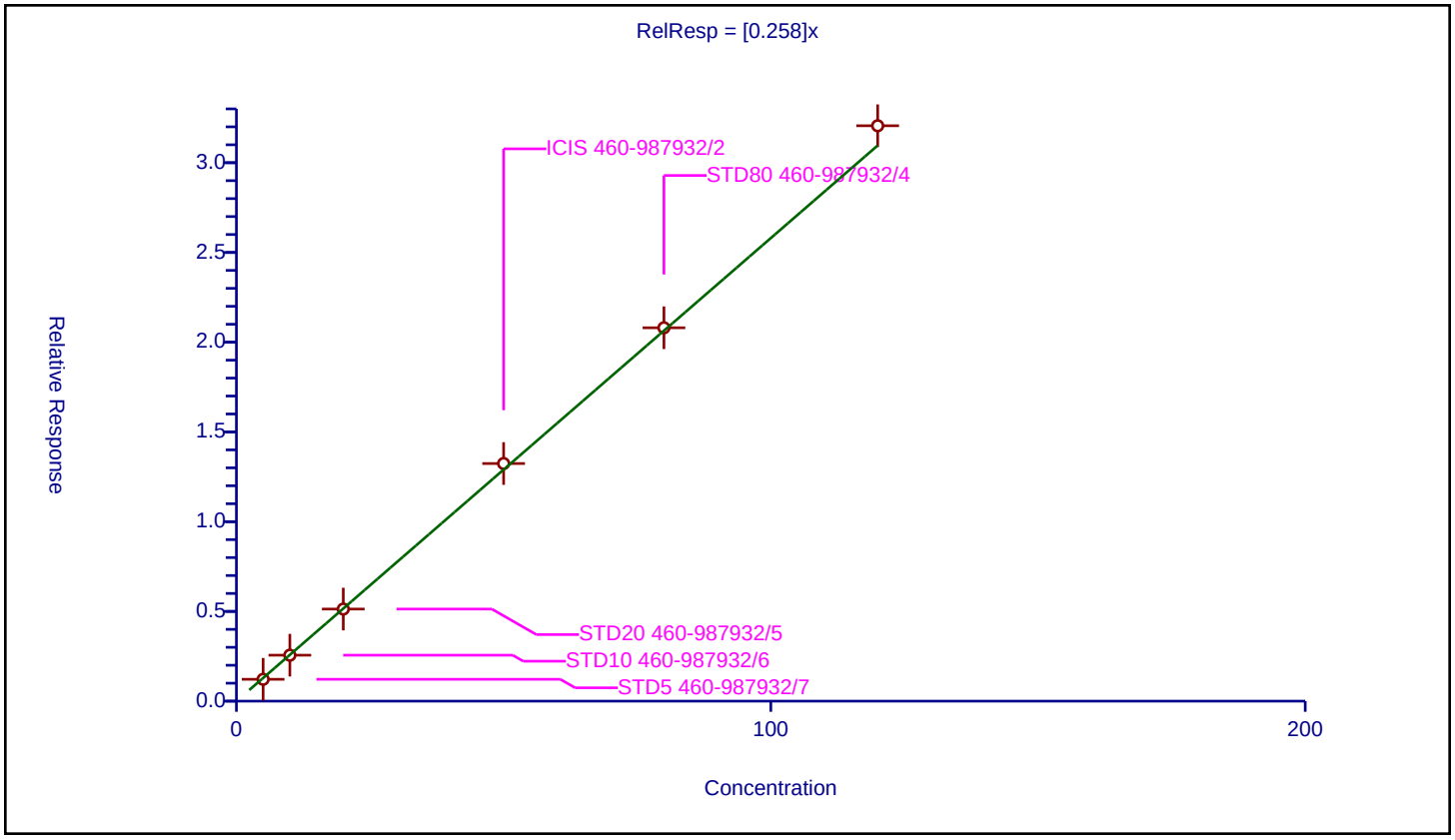
Curve Coefficients

Intercept:	0
Slope:	0.258

Error Coefficients

Relative Standard Deviation:	3.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-987932/7	5.0	1.217428	40.0	1890412.0	0.243486	Y
2	STD10 460-987932/6	10.0	2.560379	40.0	1867052.0	0.256038	Y
3	STD20 460-987932/5	20.0	5.130508	40.0	1856058.0	0.256525	Y
4	ICIS 460-987932/2	50.0	13.239615	40.0	2081553.0	0.264792	Y
5	STD80 460-987932/4	80.0	20.804509	40.0	1945411.0	0.260056	Y
6	STD120 460-987932/3	120.0	32.059849	40.0	1892911.0	0.267165	Y



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Calibration / Dimethyl phthalate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

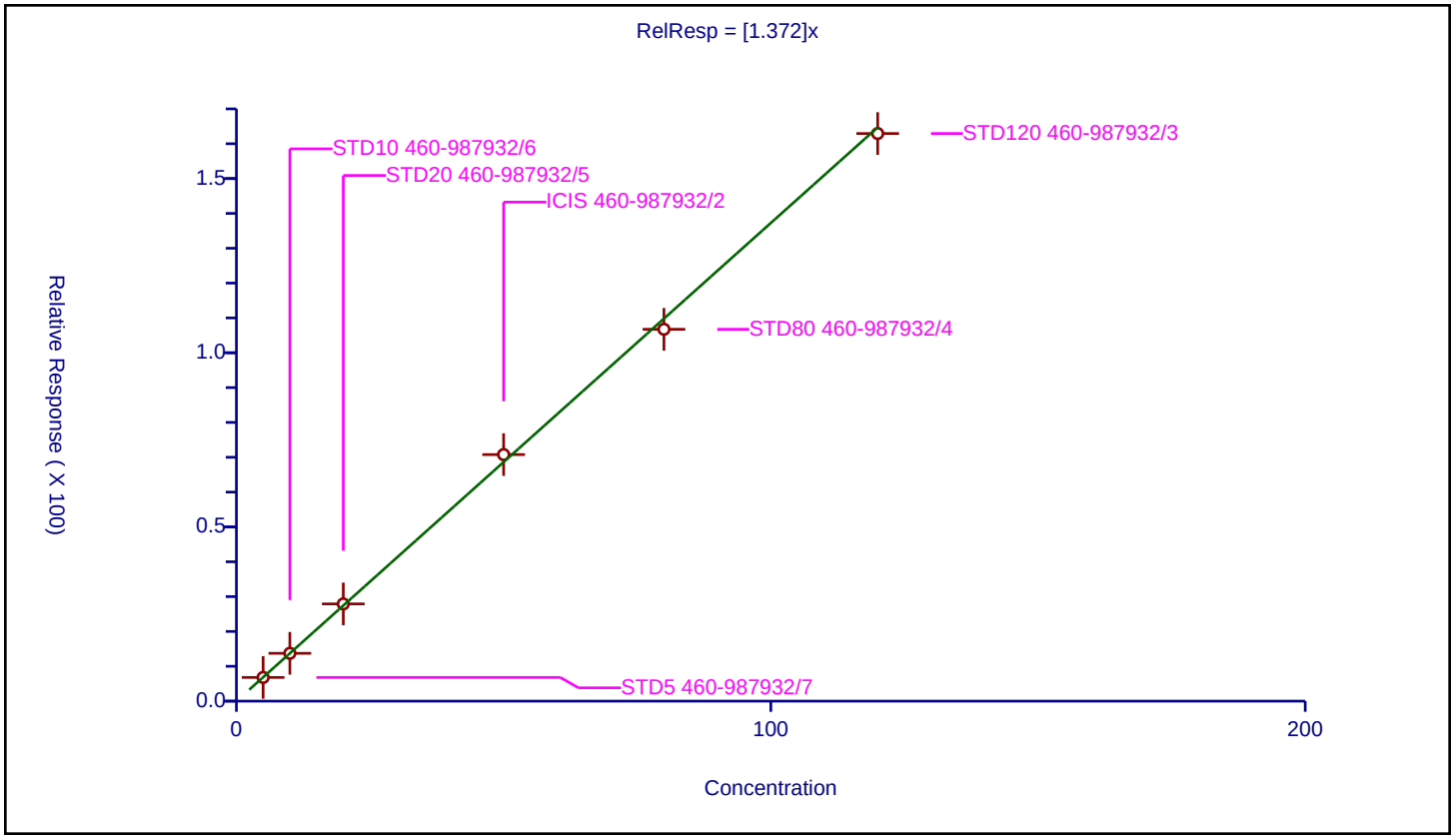
Curve Coefficients

Intercept:	0
Slope:	1.372

Error Coefficients

Relative Standard Deviation:	2.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-987932/7	5.0	6.797237	40.0	1044495.0	1.359447	Y
2	STD10 460-987932/6	10.0	13.726668	40.0	1045081.0	1.372667	Y
3	STD20 460-987932/5	20.0	27.907284	40.0	1031497.0	1.395364	Y
4	ICIS 460-987932/2	50.0	70.774971	40.0	1128261.0	1.415499	Y
5	STD80 460-987932/4	80.0	106.738123	40.0	1069179.0	1.334227	Y
6	STD120 460-987932/3	120.0	162.924879	40.0	1038730.0	1.357707	Y



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Calibration / 2,6-Dinitrotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

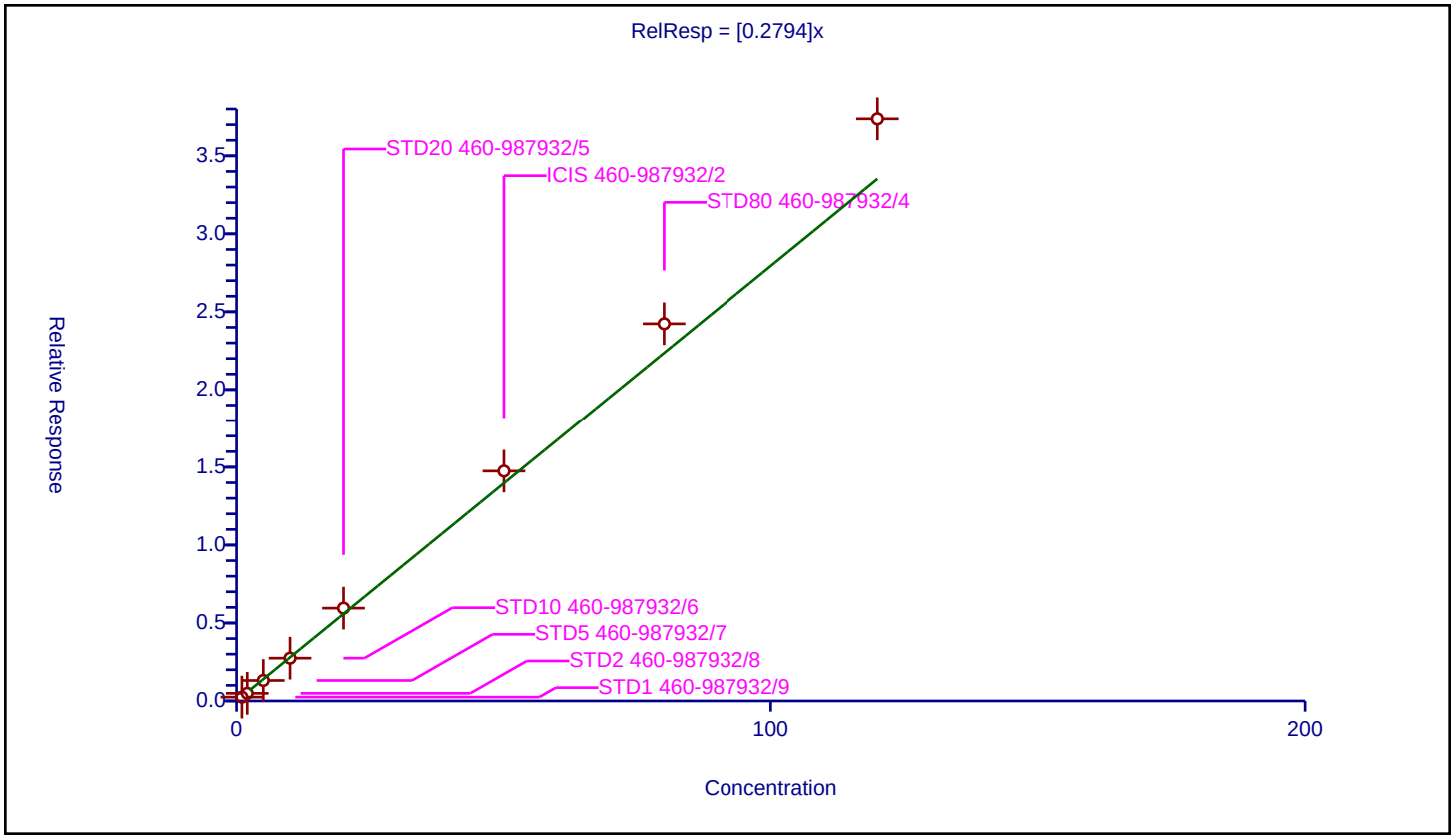
Curve Coefficients

Intercept:	0
Slope:	0.2794

Error Coefficients

Relative Standard Deviation:	9.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987932/9	1.0	0.246495	40.0	1010001.0	0.246495	Y
2	STD2 460-987932/8	2.0	0.489465	40.0	1003054.0	0.244733	Y
3	STD5 460-987932/7	5.0	1.313783	40.0	1044495.0	0.262757	Y
4	STD10 460-987932/6	10.0	2.743787	40.0	1045081.0	0.274379	Y
5	STD20 460-987932/5	20.0	5.951505	40.0	1031497.0	0.297575	Y
6	ICIS 460-987932/2	50.0	14.749034	40.0	1128261.0	0.294981	Y
7	STD80 460-987932/4	80.0	24.230255	40.0	1069179.0	0.302878	Y
8	STD120 460-987932/3	120.0	37.37156	40.0	1038730.0	0.31143	Y



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Calibration / Acenaphthylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

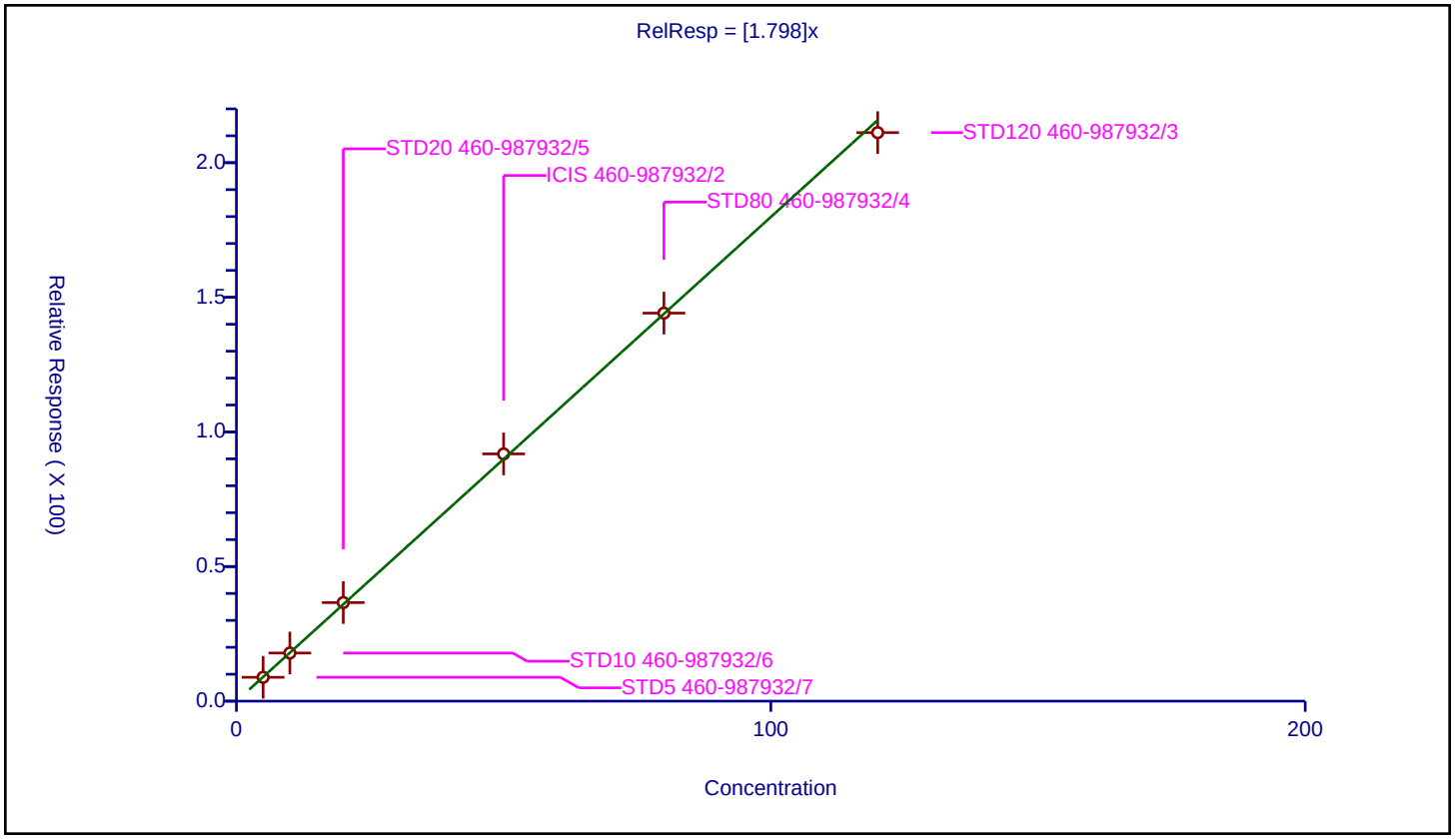
Curve Coefficients

Intercept:	0
Slope:	1.798

Error Coefficients

Relative Standard Deviation:	1.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-987932/7	5.0	8.860052	40.0	1044495.0	1.77201	Y
2	STD10 460-987932/6	10.0	17.88447	40.0	1045081.0	1.788447	Y
3	STD20 460-987932/5	20.0	36.625138	40.0	1031497.0	1.831257	Y
4	ICIS 460-987932/2	50.0	91.836197	40.0	1128261.0	1.836724	Y
5	STD80 460-987932/4	80.0	144.134219	40.0	1069179.0	1.801678	Y
6	STD120 460-987932/3	120.0	211.187546	40.0	1038730.0	1.759896	Y



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Calibration / 3-Nitroaniline

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

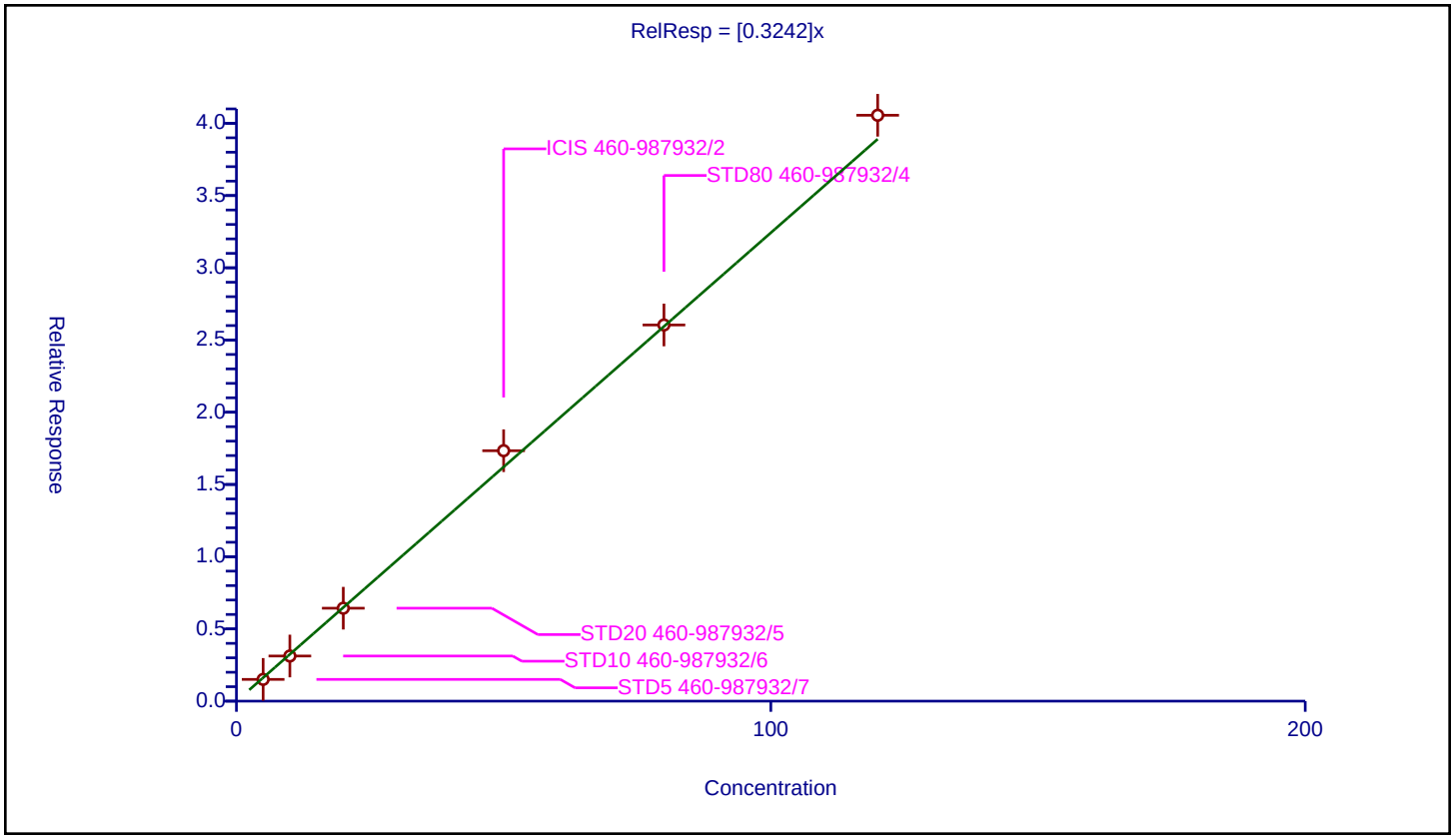
Curve Coefficients

Intercept:	0
Slope:	0.3242

Error Coefficients

Relative Standard Deviation:	5.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-987932/7	5.0	1.504842	40.0	1044495.0	0.300968	Y
2	STD10 460-987932/6	10.0	3.124849	40.0	1045081.0	0.312485	Y
3	STD20 460-987932/5	20.0	6.434532	40.0	1031497.0	0.321727	Y
4	ICIS 460-987932/2	50.0	17.336875	40.0	1128261.0	0.346738	Y
5	STD80 460-987932/4	80.0	26.04028	40.0	1069179.0	0.325503	Y
6	STD120 460-987932/3	120.0	40.559067	40.0	1038730.0	0.337992	Y



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Calibration / Acenaphthene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

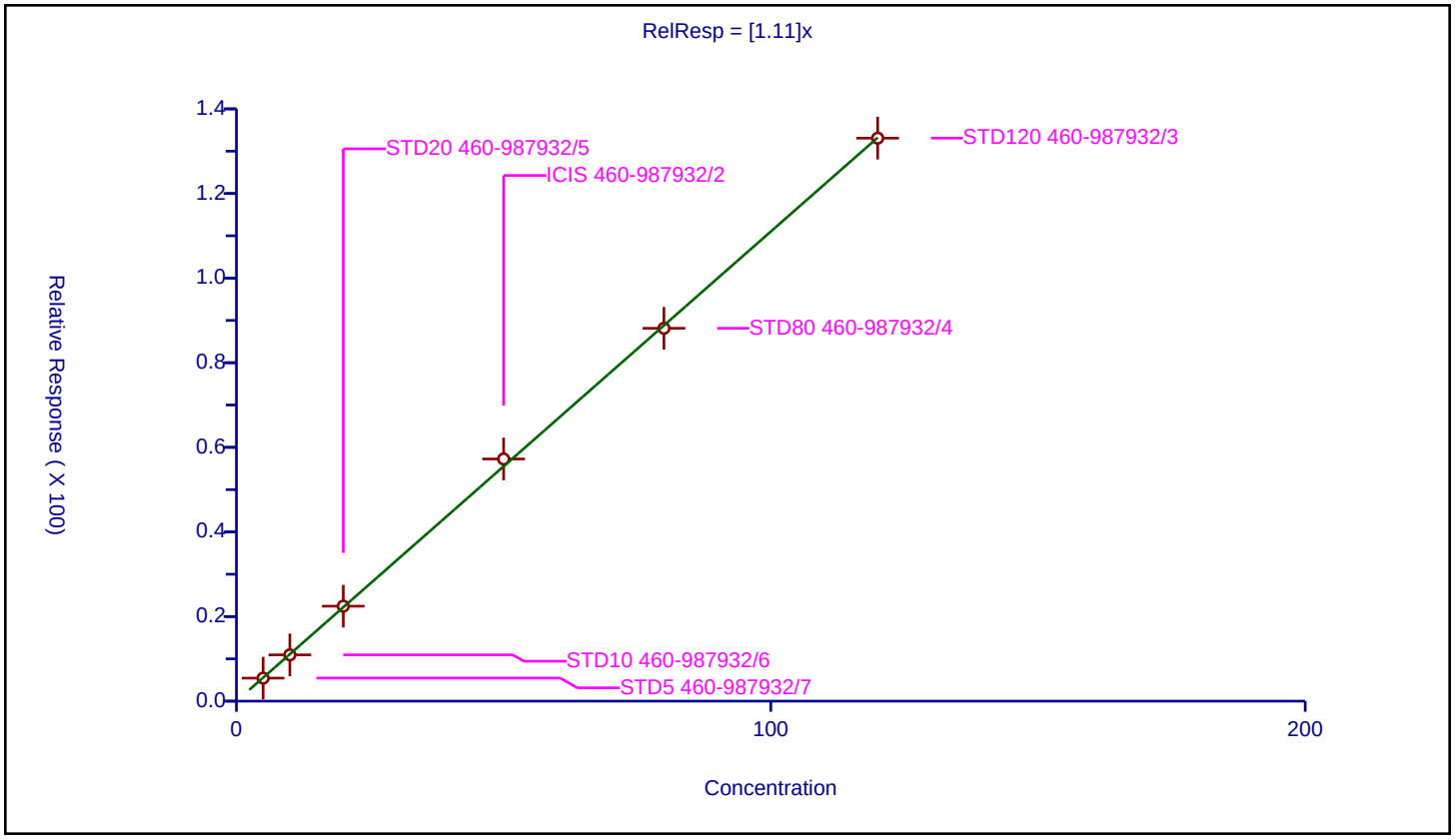
Curve Coefficients

Intercept:	0
Slope:	1.11

Error Coefficients

Relative Standard Deviation:	1.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-987932/7	5.0	5.440792	40.0	1044495.0	1.088158	Y
2	STD10 460-987932/6	10.0	10.941889	40.0	1045081.0	1.094189	Y
3	STD20 460-987932/5	20.0	22.449508	40.0	1031497.0	1.122475	Y
4	ICIS 460-987932/2	50.0	57.244733	40.0	1128261.0	1.144895	Y
5	STD80 460-987932/4	80.0	88.1412	40.0	1069179.0	1.101765	Y
6	STD120 460-987932/3	120.0	133.079241	40.0	1038730.0	1.108994	Y



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Calibration / 3,5-di-tert-butyl-4-hydroxytol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

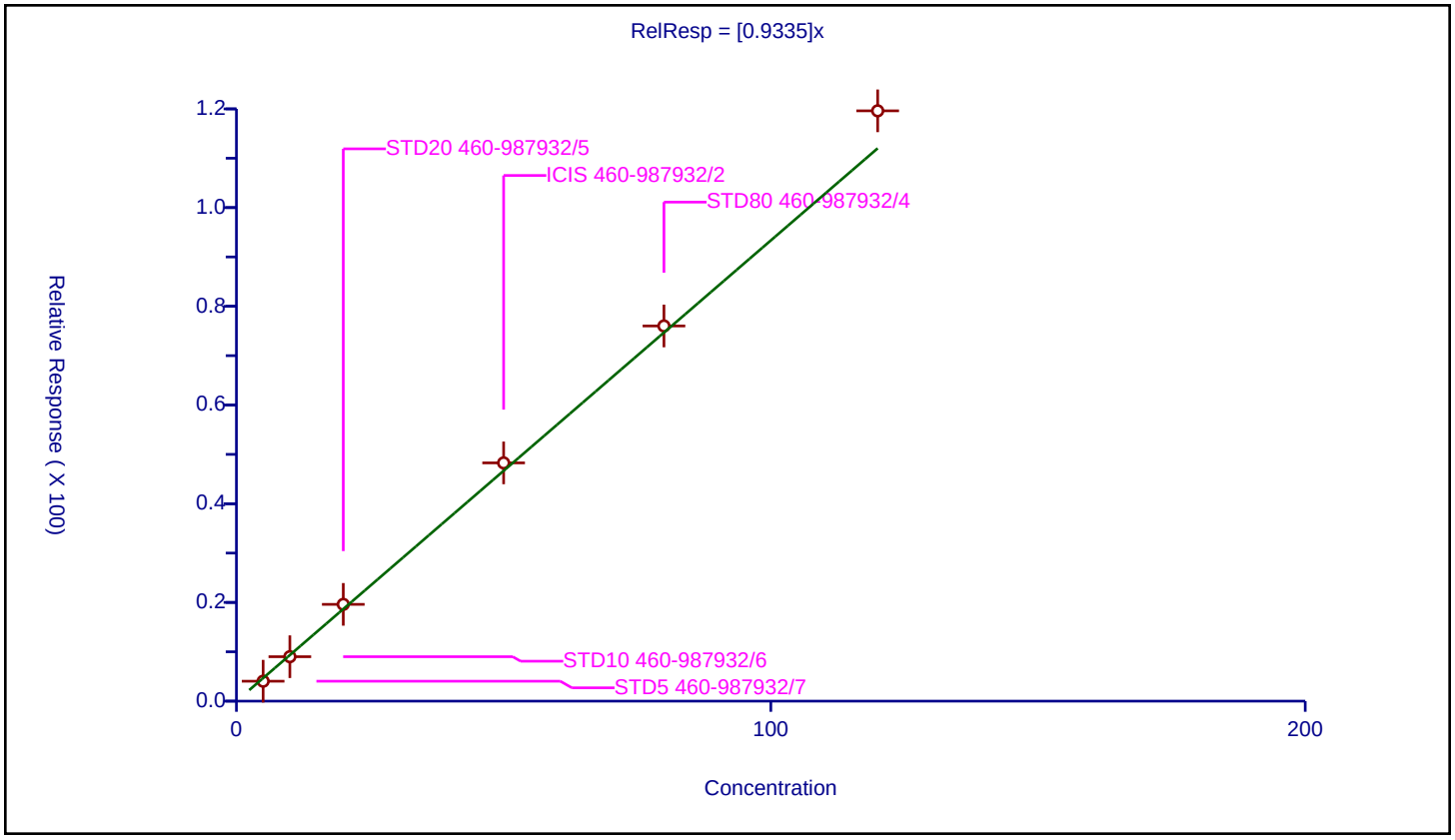
Curve Coefficients

Intercept:	0
Slope:	0.9335

Error Coefficients

Relative Standard Deviation:	7.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-987932/7	5.0	4.037817	40.0	1044495.0	0.807563	Y
2	STD10 460-987932/6	10.0	9.003321	40.0	1045081.0	0.900332	Y
3	STD20 460-987932/5	20.0	19.608937	40.0	1031497.0	0.980447	Y
4	ICIS 460-987932/2	50.0	48.273015	40.0	1128261.0	0.96546	Y
5	STD80 460-987932/4	80.0	76.01758	40.0	1069179.0	0.95022	Y
6	STD120 460-987932/3	120.0	119.606674	40.0	1038730.0	0.996722	Y



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Calibration / 2,4-Dinitrophenol

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

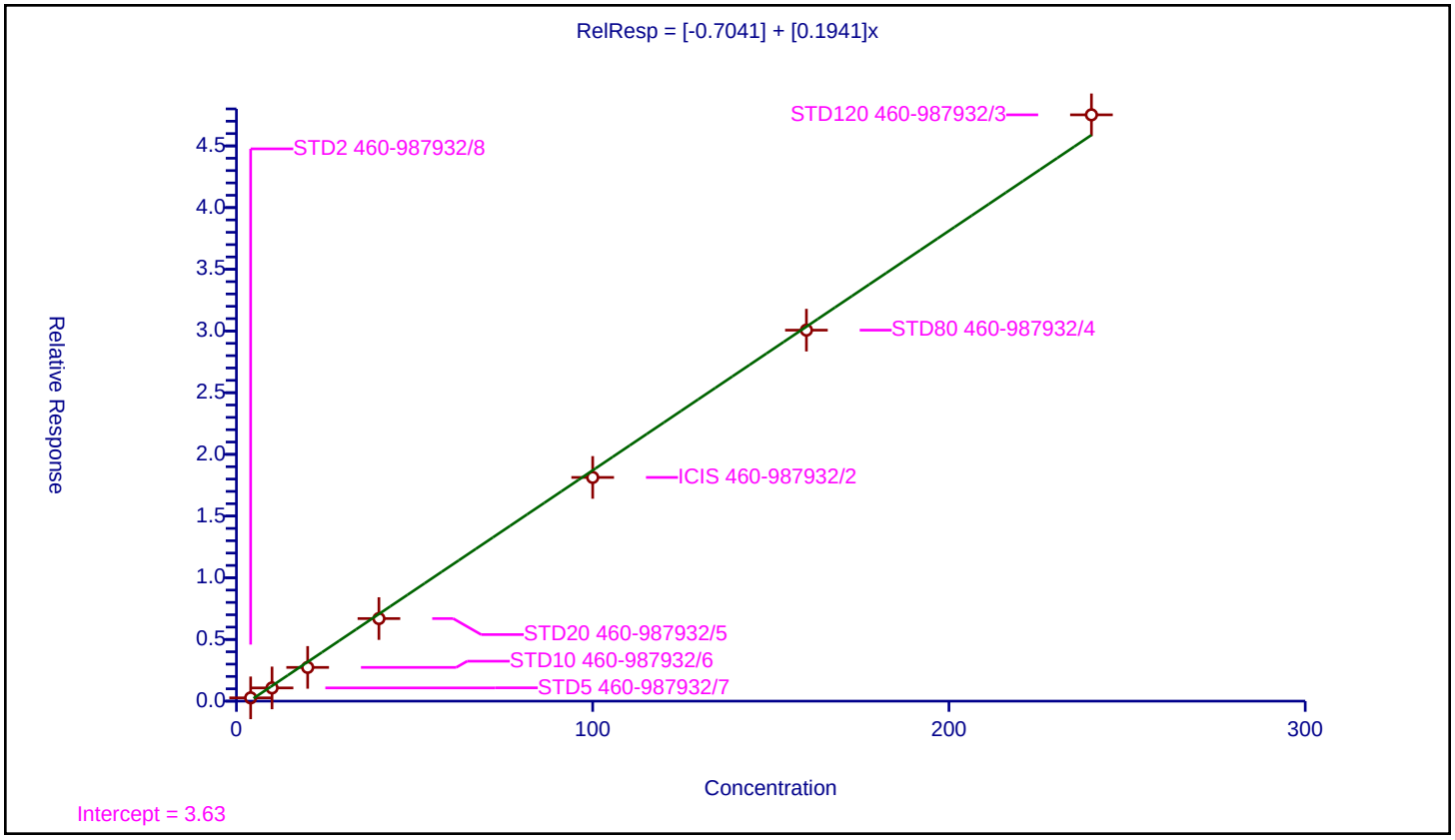
Curve Coefficients

Intercept:	-0.7041
Slope:	0.1941

Error Coefficients

Relative Standard Deviation:	13.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD2 460-987932/8	4.0	0.266586	40.0	1003054.0	0.066646	Y
2	STD5 460-987932/7	10.0	1.072059	40.0	1044495.0	0.107206	Y
3	STD10 460-987932/6	20.0	2.733185	40.0	1045081.0	0.136659	Y
4	STD20 460-987932/5	40.0	6.692293	40.0	1031497.0	0.167307	Y
5	ICIS 460-987932/2	100.0	18.131762	40.0	1128261.0	0.181318	Y
6	STD80 460-987932/4	160.0	30.068529	40.0	1069179.0	0.187928	Y
7	STD120 460-987932/3	240.0	47.51899	40.0	1038730.0	0.197996	Y



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Calibration / 4-Nitrophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

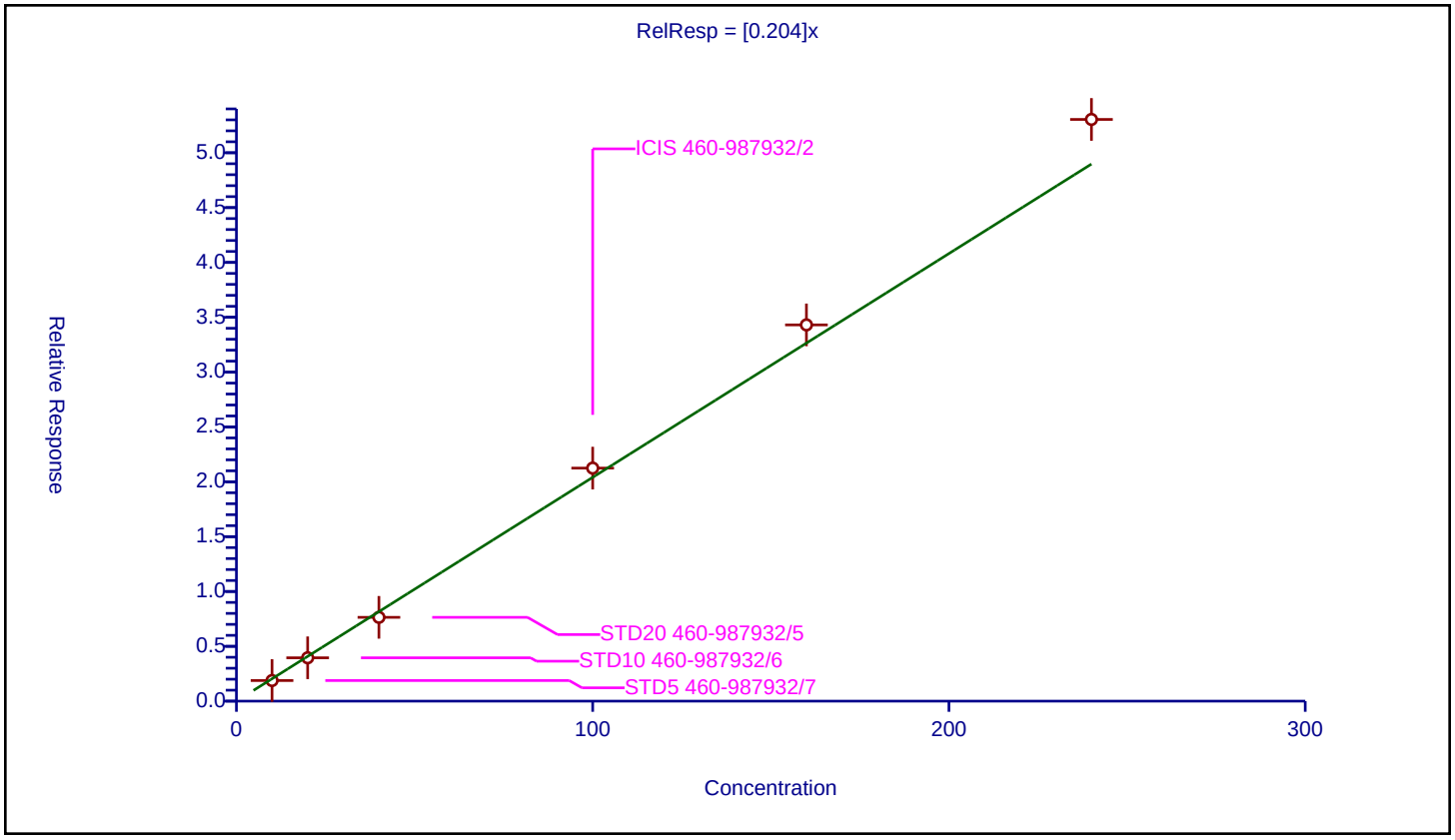
Curve Coefficients

Intercept:	0
Slope:	0.204

Error Coefficients

Relative Standard Deviation:	6.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-987932/7	10.0	1.877615	40.0	1044495.0	0.187762	Y
2	STD10 460-987932/6	20.0	3.952383	40.0	1045081.0	0.197619	Y
3	STD20 460-987932/5	40.0	7.640585	40.0	1031497.0	0.191015	Y
4	ICIS 460-987932/2	100.0	21.248133	40.0	1128261.0	0.212481	Y
5	STD80 460-987932/4	160.0	34.305986	40.0	1069179.0	0.214412	Y
6	STD120 460-987932/3	240.0	53.037228	40.0	1038730.0	0.220988	Y



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Calibration / 2,4-Dinitrotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

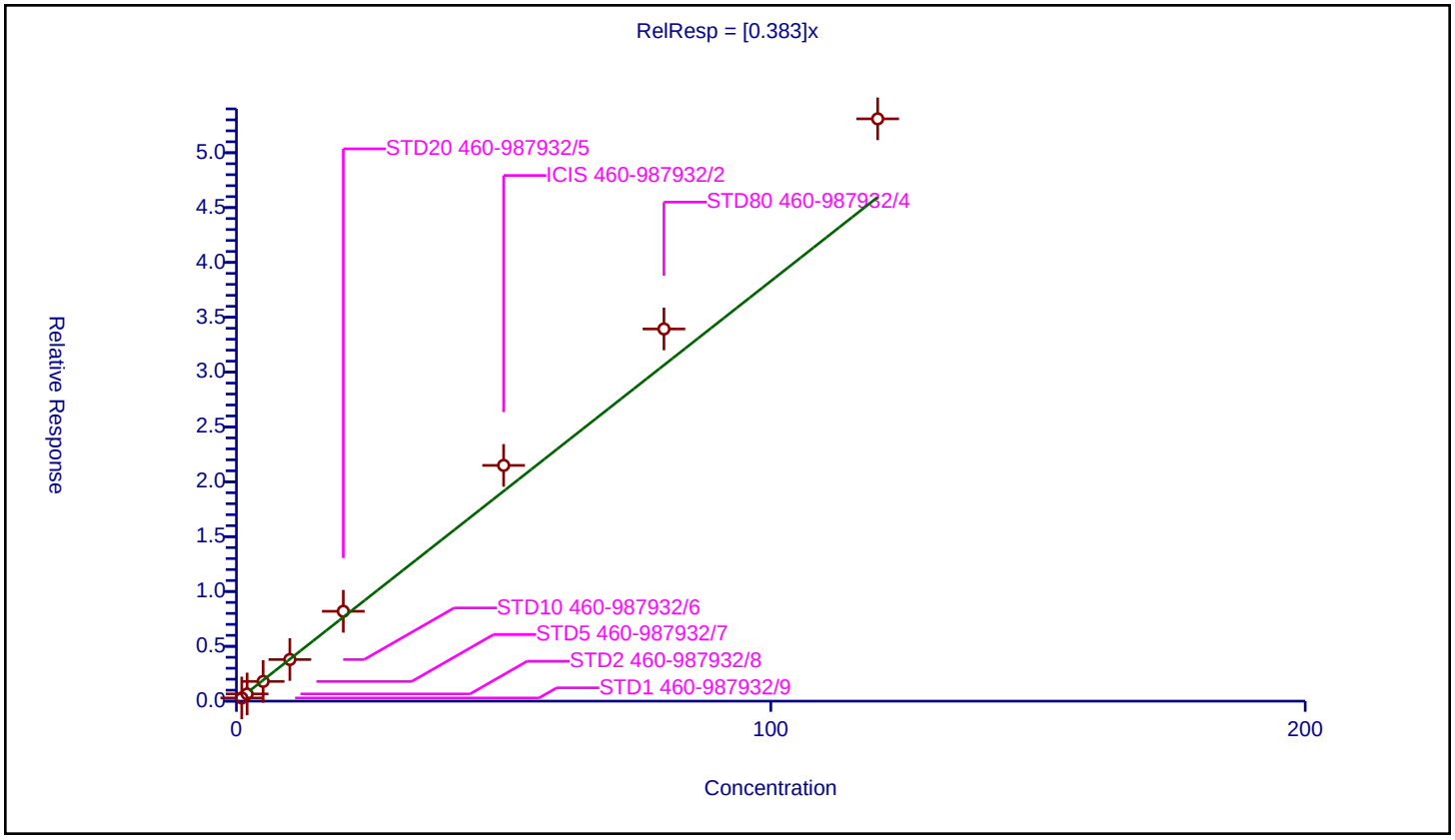
Curve Coefficients

Intercept:	0
Slope:	0.383

Error Coefficients

Relative Standard Deviation:	14.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987932/9	1.0	0.289861	40.0	1010001.0	0.289861	Y
2	STD2 460-987932/8	2.0	0.656475	40.0	1003054.0	0.328238	Y
3	STD5 460-987932/7	5.0	1.79907	40.0	1044495.0	0.359814	Y
4	STD10 460-987932/6	10.0	3.795189	40.0	1045081.0	0.379519	Y
5	STD20 460-987932/5	20.0	8.193412	40.0	1031497.0	0.409671	Y
6	ICIS 460-987932/2	50.0	21.496232	40.0	1128261.0	0.429925	Y
7	STD80 460-987932/4	80.0	33.934337	40.0	1069179.0	0.424179	Y
8	STD120 460-987932/3	120.0	53.09141	40.0	1038730.0	0.442428	Y



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Calibration / Dibenzofuran

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

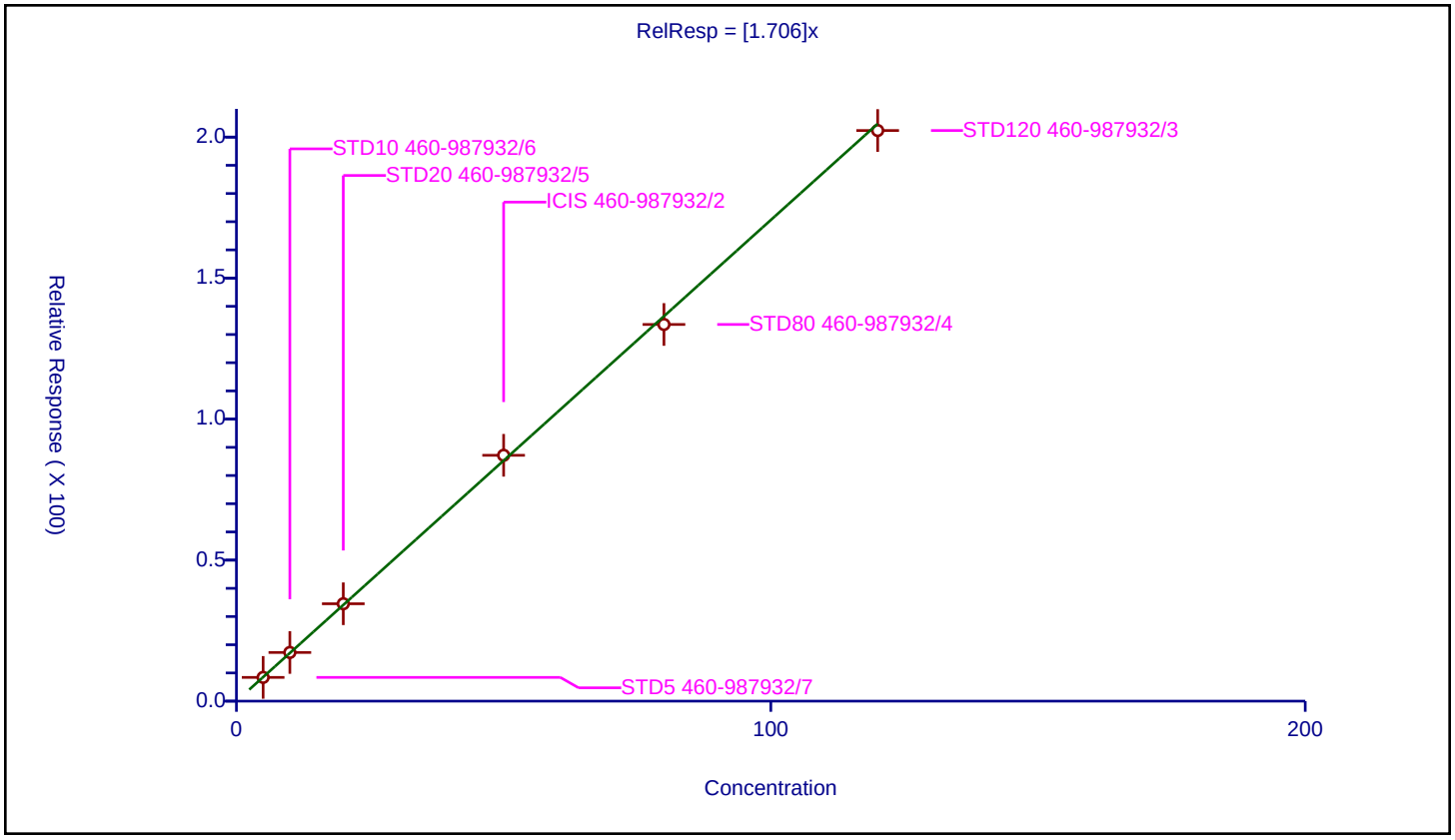
Curve Coefficients

Intercept:	0
Slope:	1.706

Error Coefficients

Relative Standard Deviation:	1.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-987932/7	5.0	8.422252	40.0	1044495.0	1.68445	Y
2	STD10 460-987932/6	10.0	17.256691	40.0	1045081.0	1.725669	Y
3	STD20 460-987932/5	20.0	34.529659	40.0	1031497.0	1.726483	Y
4	ICIS 460-987932/2	50.0	87.176247	40.0	1128261.0	1.743525	Y
5	STD80 460-987932/4	80.0	133.563865	40.0	1069179.0	1.669548	Y
6	STD120 460-987932/3	120.0	202.330115	40.0	1038730.0	1.686084	Y



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Calibration / 2,3,4,6-Tetrachlorophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

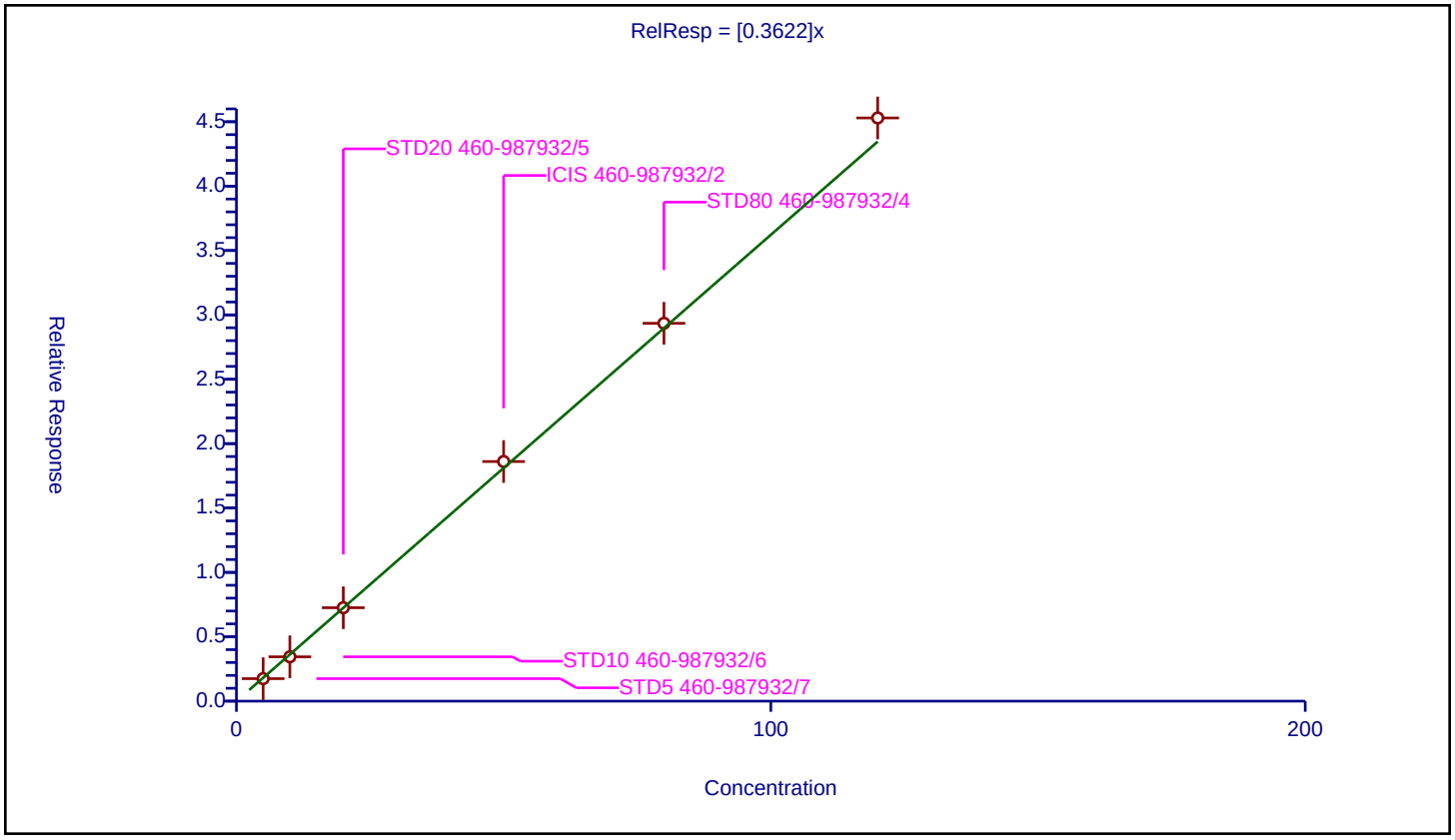
Curve Coefficients

Intercept:	0
Slope:	0.3622

Error Coefficients

Relative Standard Deviation:	3.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-987932/7	5.0	1.747026	40.0	1044495.0	0.349405	Y
2	STD10 460-987932/6	10.0	3.442298	40.0	1045081.0	0.34423	Y
3	STD20 460-987932/5	20.0	7.256676	40.0	1031497.0	0.362834	Y
4	ICIS 460-987932/2	50.0	18.61119	40.0	1128261.0	0.372224	Y
5	STD80 460-987932/4	80.0	29.347303	40.0	1069179.0	0.366841	Y
6	STD120 460-987932/3	120.0	45.296275	40.0	1038730.0	0.377469	Y



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Calibration / Diethyl phthalate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

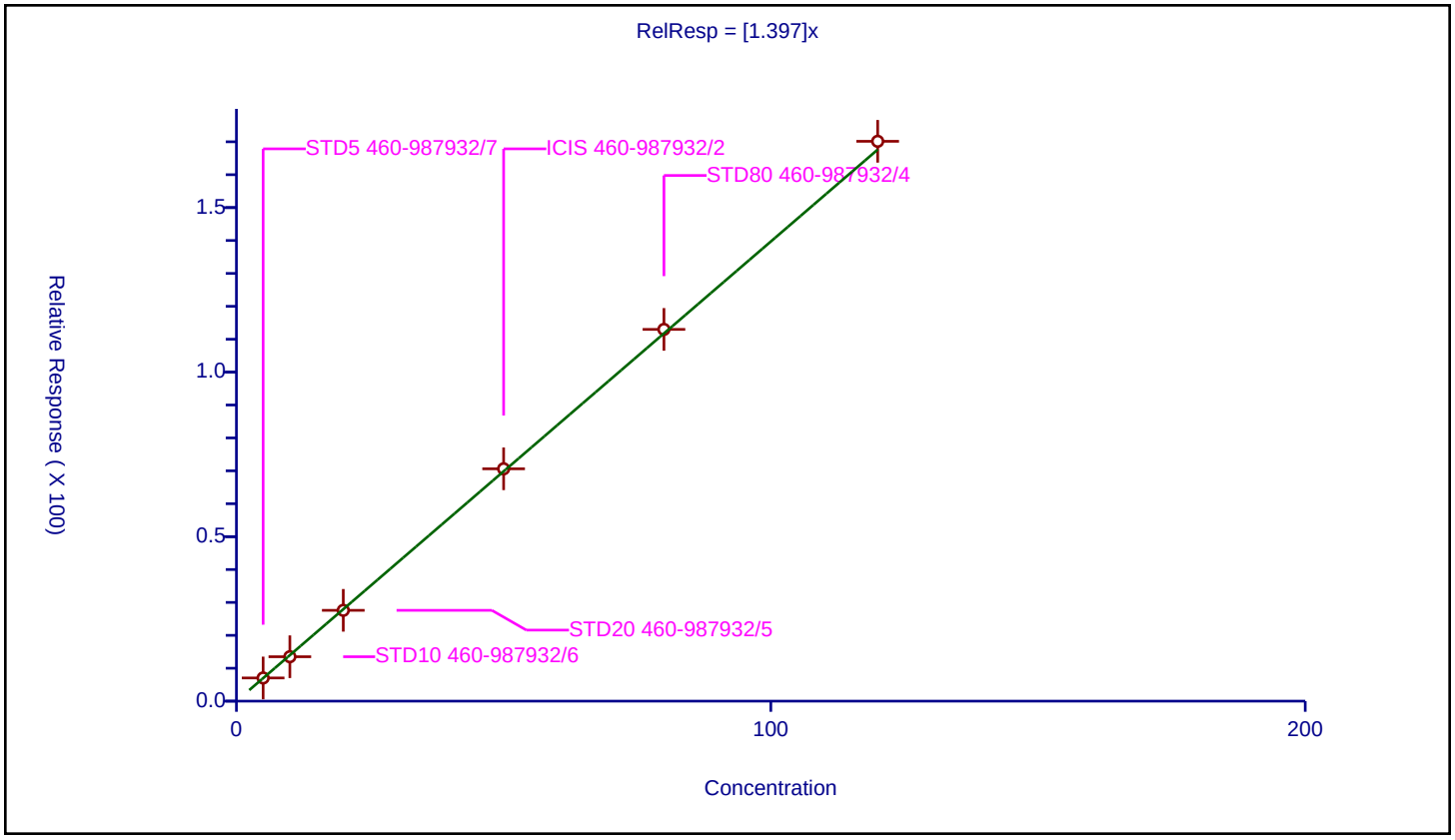
Curve Coefficients

Intercept:	0
Slope:	1.397

Error Coefficients

Relative Standard Deviation:	1.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-987932/7	5.0	7.046276	40.0	1044495.0	1.409255	Y
2	STD10 460-987932/6	10.0	13.499662	40.0	1045081.0	1.349966	Y
3	STD20 460-987932/5	20.0	27.59659	40.0	1031497.0	1.37983	Y
4	ICIS 460-987932/2	50.0	70.61118	40.0	1128261.0	1.412224	Y
5	STD80 460-987932/4	80.0	112.979922	40.0	1069179.0	1.412249	Y
6	STD120 460-987932/3	120.0	170.146005	40.0	1038730.0	1.417883	Y



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Calibration / Fluorene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

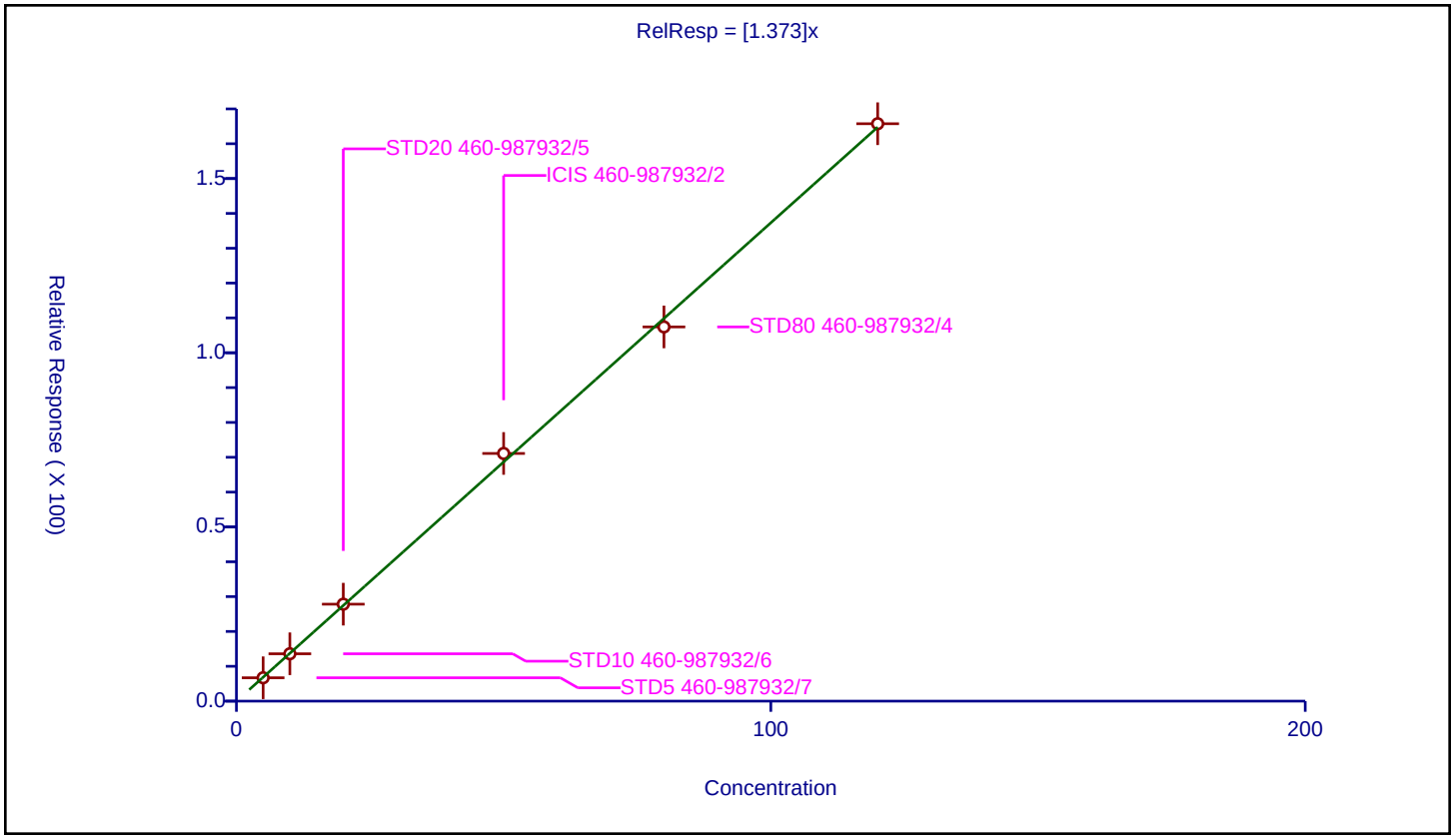
Curve Coefficients

Intercept:	0
Slope:	1.373

Error Coefficients

Relative Standard Deviation:	2.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-987932/7	5.0	6.704829	40.0	1044495.0	1.340966	Y
2	STD10 460-987932/6	10.0	13.597262	40.0	1045081.0	1.359726	Y
3	STD20 460-987932/5	20.0	27.83407	40.0	1031497.0	1.391704	Y
4	ICIS 460-987932/2	50.0	71.097521	40.0	1128261.0	1.42195	Y
5	STD80 460-987932/4	80.0	107.415802	40.0	1069179.0	1.342698	Y
6	STD120 460-987932/3	120.0	165.739239	40.0	1038730.0	1.38116	Y



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Calibration / 4-Chlorophenyl phenyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

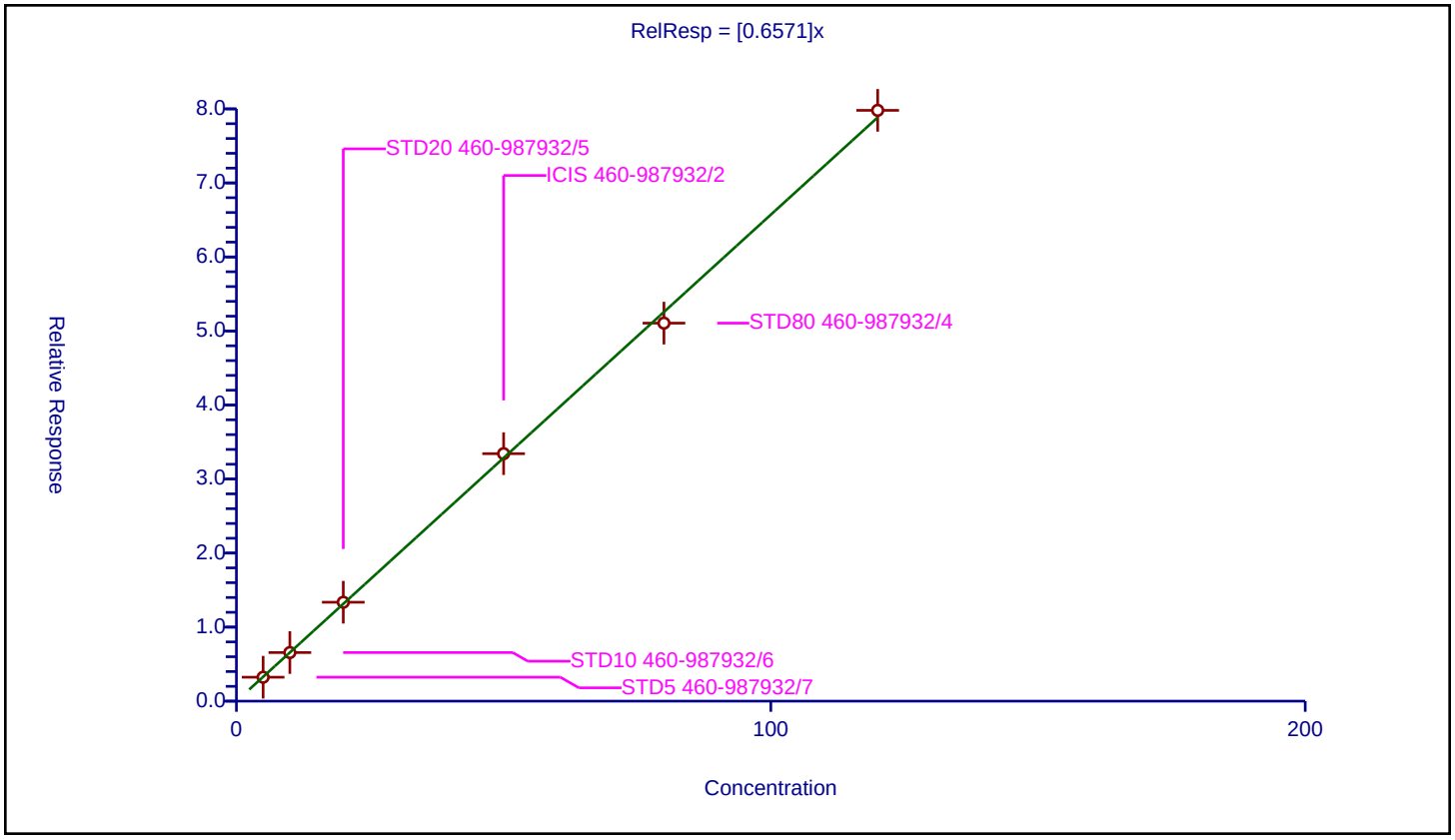
Curve Coefficients

Intercept:	0
Slope:	0.6571

Error Coefficients

Relative Standard Deviation:	1.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-987932/7	5.0	3.231686	40.0	1044495.0	0.646337	Y
2	STD10 460-987932/6	10.0	6.562668	40.0	1045081.0	0.656267	Y
3	STD20 460-987932/5	20.0	13.360582	40.0	1031497.0	0.668029	Y
4	ICIS 460-987932/2	50.0	33.428294	40.0	1128261.0	0.668566	Y
5	STD80 460-987932/4	80.0	51.060262	40.0	1069179.0	0.638253	Y
6	STD120 460-987932/3	120.0	79.80249	40.0	1038730.0	0.665021	Y



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Calibration / 4-Nitroaniline

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

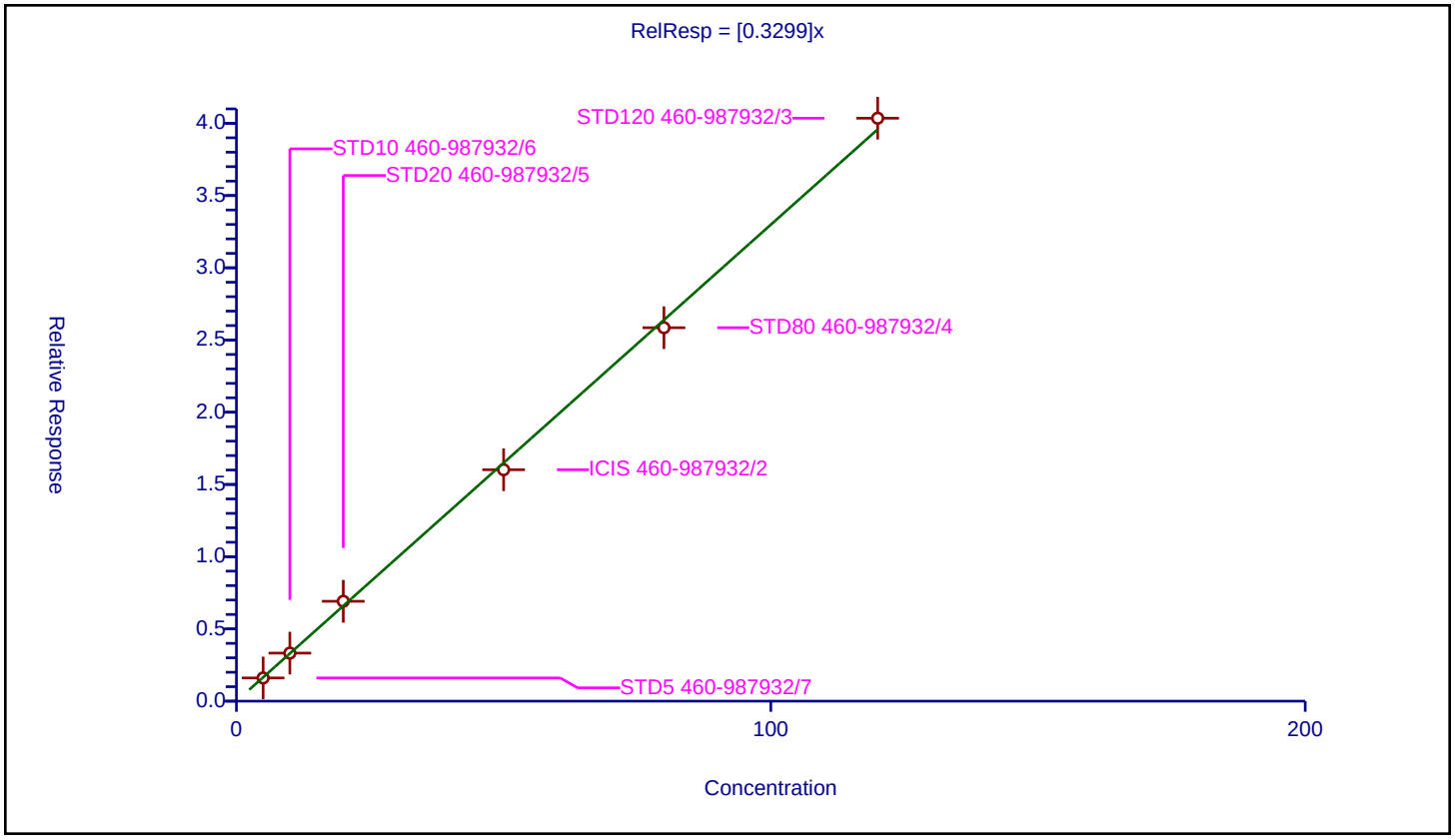
Curve Coefficients

Intercept:	0
Slope:	0.3299

Error Coefficients

Relative Standard Deviation:	3.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-987932/7	5.0	1.604795	40.0	1044495.0	0.320959	Y
2	STD10 460-987932/6	10.0	3.32602	40.0	1045081.0	0.332602	Y
3	STD20 460-987932/5	20.0	6.914029	40.0	1031497.0	0.345701	Y
4	ICIS 460-987932/2	50.0	16.020619	40.0	1128261.0	0.320412	Y
5	STD80 460-987932/4	80.0	25.851948	40.0	1069179.0	0.323149	Y
6	STD120 460-987932/3	120.0	40.354548	40.0	1038730.0	0.336288	Y



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Calibration / 4,6-Dinitro-2-methylphenol

Curve Type:	Linear
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

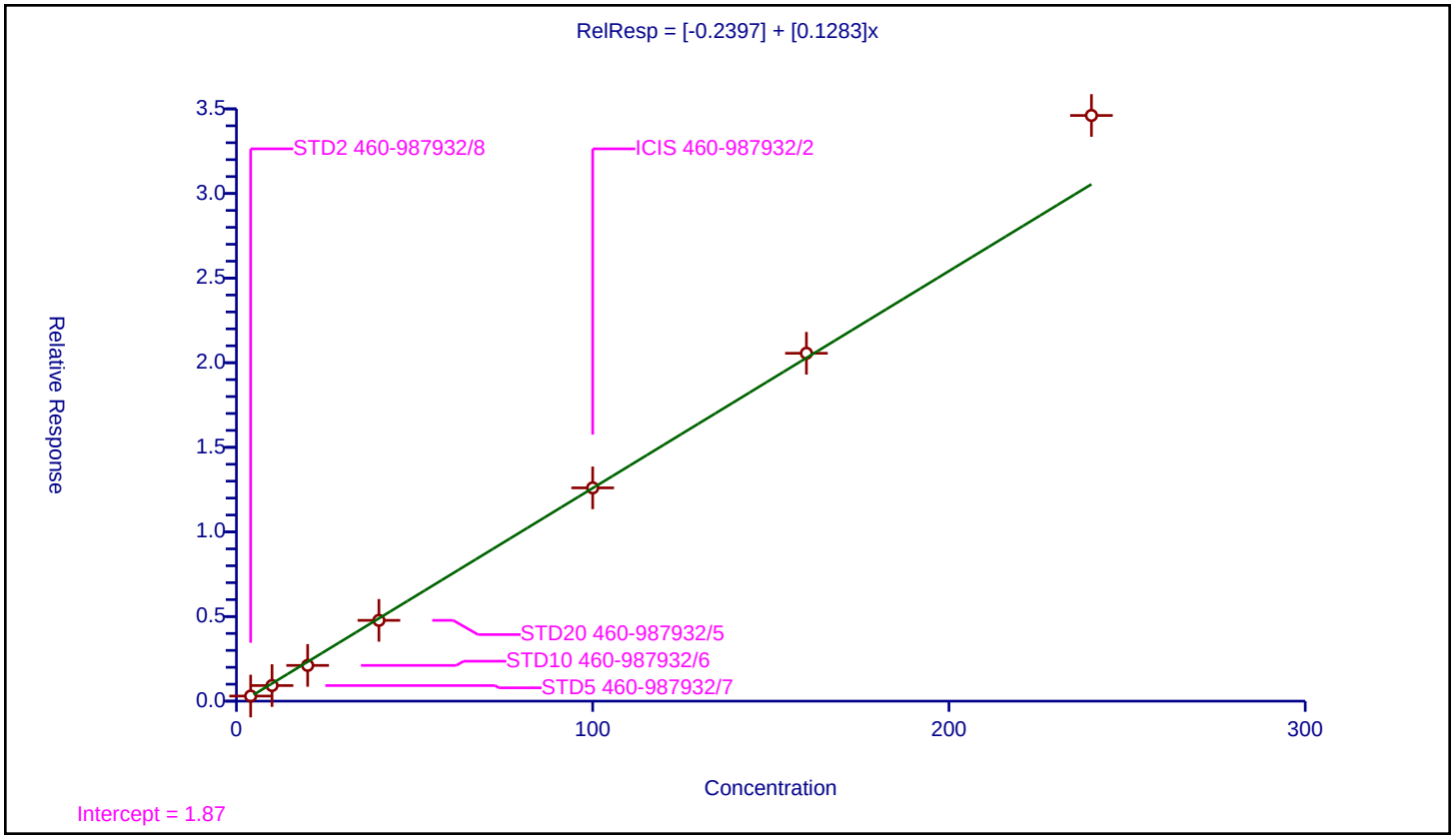
Curve Coefficients

Intercept:	-0.2397
Slope:	0.1283

Error Coefficients

Relative Standard Deviation:	8.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD2 460-987932/8	4.0	0.301204	40.0	1996783.0	0.075301	Y
2	STD5 460-987932/7	10.0	0.921799	40.0	2054634.0	0.09218	Y
3	STD10 460-987932/6	20.0	2.11126	40.0	2027415.0	0.105563	Y
4	STD20 460-987932/5	40.0	4.774222	40.0	2005093.0	0.119356	Y
5	ICIS 460-987932/2	100.0	12.603894	40.0	2190085.0	0.126039	Y
6	STD80 460-987932/4	160.0	20.557891	40.0	2053341.0	0.128487	Y
7	STD120 460-987932/3	240.0	34.611111	40.0	1978189.0	0.144213	Y



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Calibration / N-Nitrosodiphenylamine

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

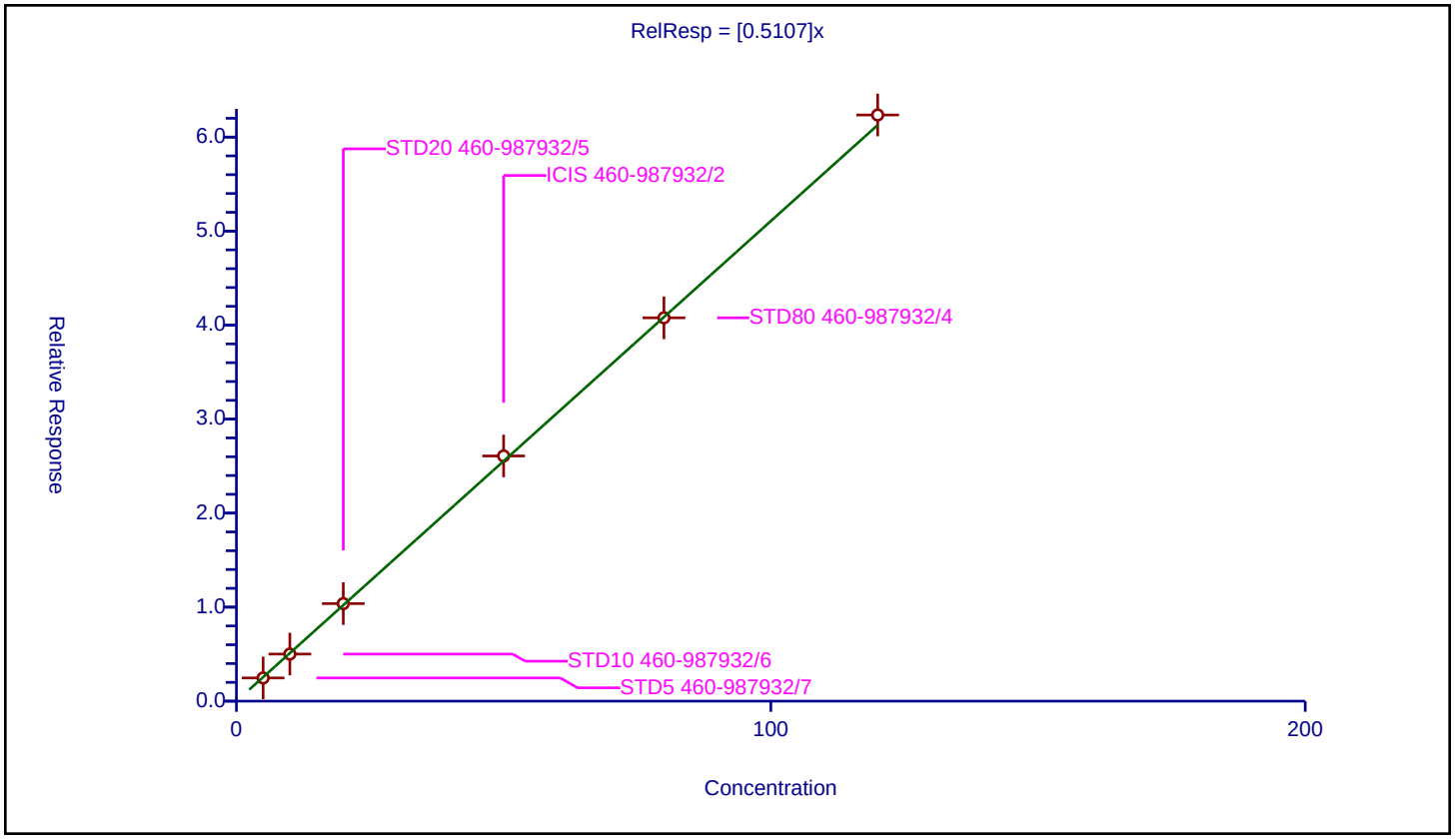
Curve Coefficients

Intercept:	0
Slope:	0.5107

Error Coefficients

Relative Standard Deviation:	2.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-987932/7	5.0	2.466853	40.0	2054634.0	0.493371	Y
2	STD10 460-987932/6	10.0	5.008092	40.0	2027415.0	0.500809	Y
3	STD20 460-987932/5	20.0	10.376795	40.0	2005093.0	0.51884	Y
4	ICIS 460-987932/2	50.0	26.081289	40.0	2190085.0	0.521626	Y
5	STD80 460-987932/4	80.0	40.777406	40.0	2053341.0	0.509718	Y
6	STD120 460-987932/3	120.0	62.352424	40.0	1978189.0	0.519604	Y



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Calibration / 1,2-Diphenylhydrazine

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

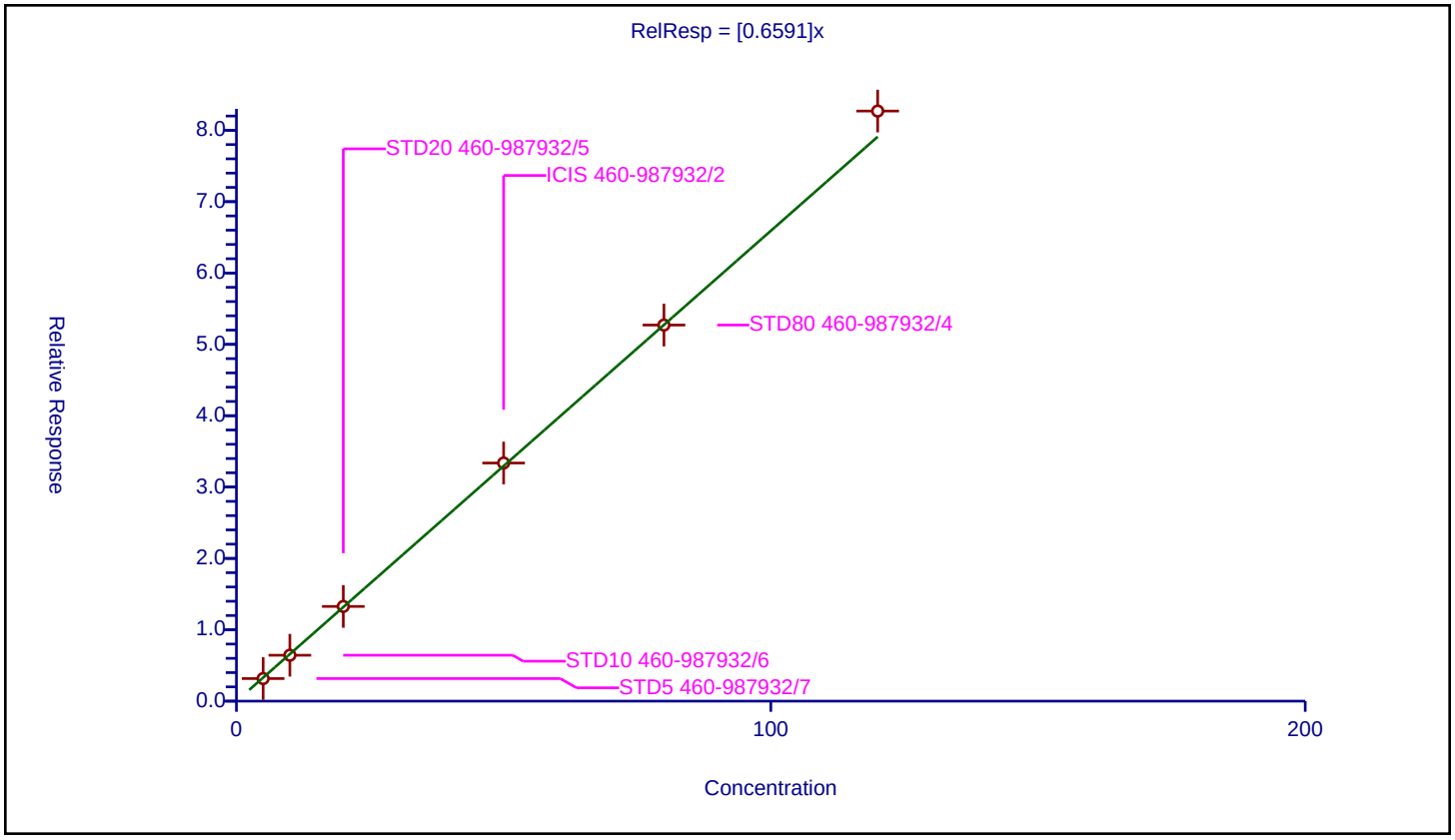
Curve Coefficients

Intercept:	0
Slope:	0.6591

Error Coefficients

Relative Standard Deviation:	3.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-987932/7	5.0	3.161673	40.0	2054634.0	0.632335	Y
2	STD10 460-987932/6	10.0	6.434124	40.0	2027415.0	0.643412	Y
3	STD20 460-987932/5	20.0	13.272861	40.0	2005093.0	0.663643	Y
4	ICIS 460-987932/2	50.0	33.370814	40.0	2190085.0	0.667416	Y
5	STD80 460-987932/4	80.0	52.704524	40.0	2053341.0	0.658807	Y
6	STD120 460-987932/3	120.0	82.697942	40.0	1978189.0	0.68915	Y



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Calibration / Azobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

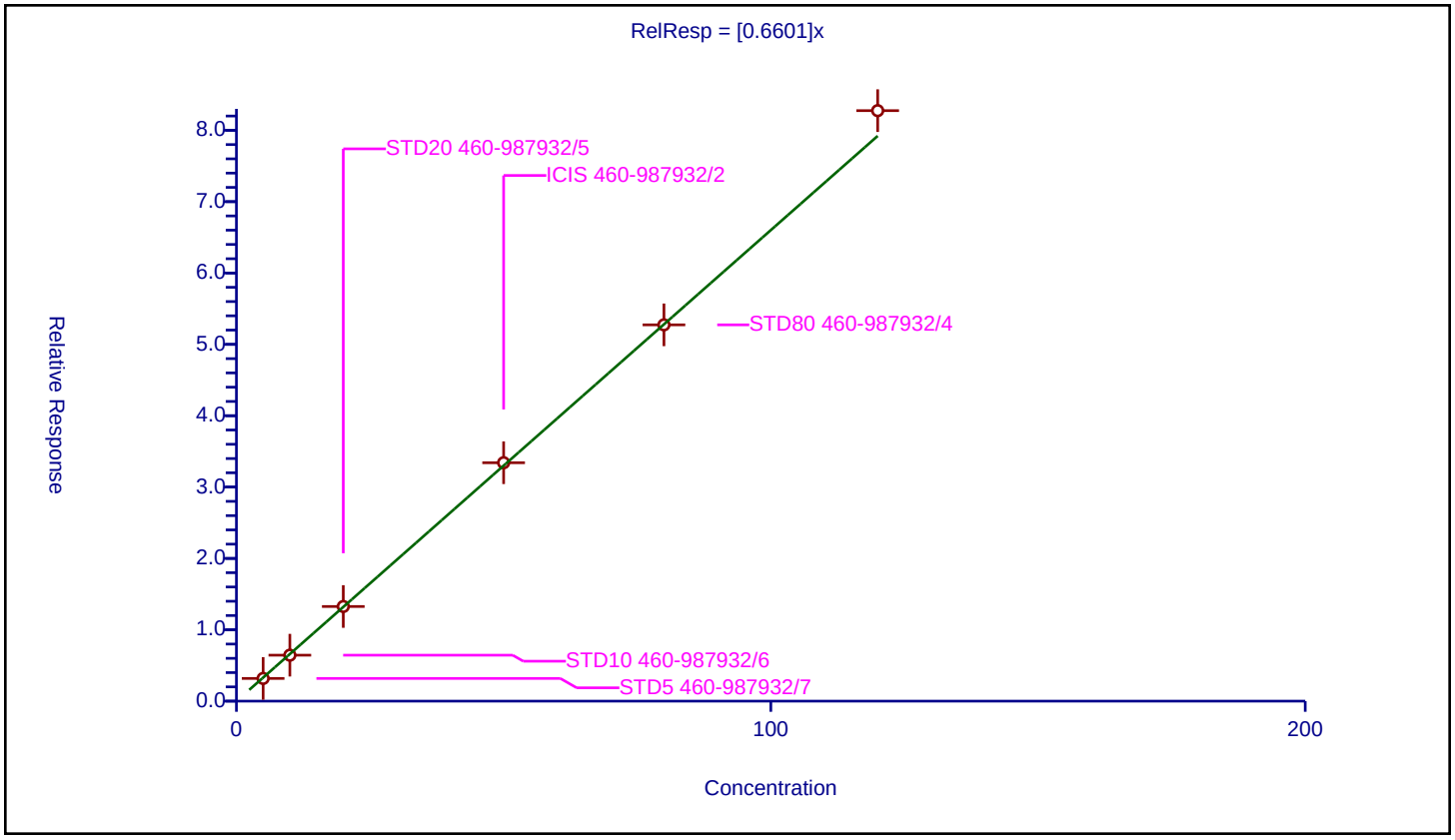
Curve Coefficients

Intercept:	0
Slope:	0.6601

Error Coefficients

Relative Standard Deviation:	2.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-987932/7	5.0	3.18044	40.0	2054634.0	0.636088	Y
2	STD10 460-987932/6	10.0	6.441503	40.0	2027415.0	0.64415	Y
3	STD20 460-987932/5	20.0	13.264482	40.0	2005093.0	0.663224	Y
4	ICIS 460-987932/2	50.0	33.413059	40.0	2190085.0	0.668261	Y
5	STD80 460-987932/4	80.0	52.734836	40.0	2053341.0	0.659185	Y
6	STD120 460-987932/3	120.0	82.751891	40.0	1978189.0	0.689599	Y



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Calibration / 2,4,6-Tribromophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

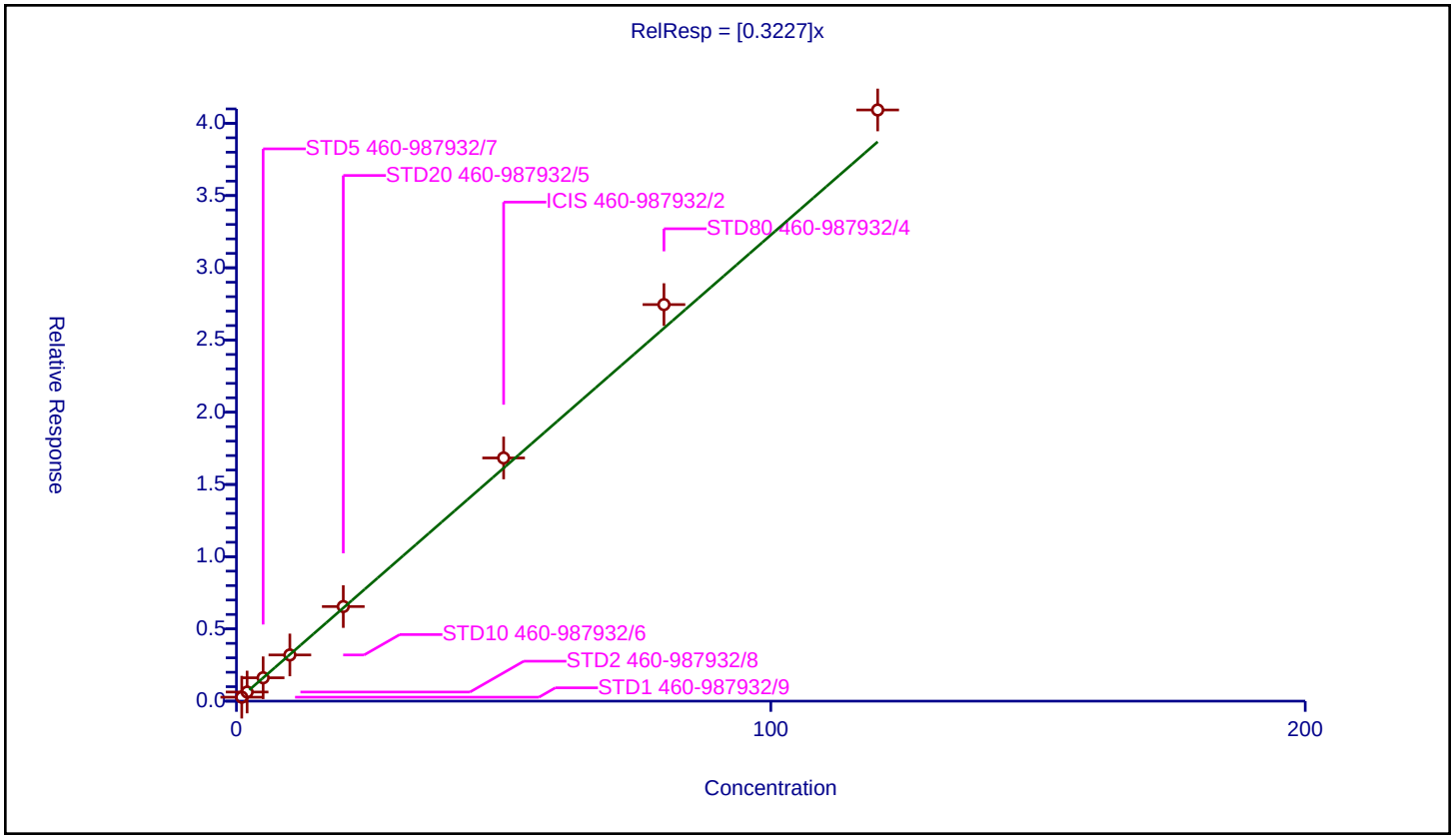
Curve Coefficients

Intercept:	0
Slope:	0.3227

Error Coefficients

Relative Standard Deviation:	6.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987932/9	1.0	0.273782	40.0	1010001.0	0.273782	Y
2	STD2 460-987932/8	2.0	0.632189	40.0	1003054.0	0.316095	Y
3	STD5 460-987932/7	5.0	1.618466	40.0	1044495.0	0.323693	Y
4	STD10 460-987932/6	10.0	3.197264	40.0	1045081.0	0.319726	Y
5	STD20 460-987932/5	20.0	6.547687	40.0	1031497.0	0.327384	Y
6	ICIS 460-987932/2	50.0	16.835289	40.0	1128261.0	0.336706	Y
7	STD80 460-987932/4	80.0	27.453177	40.0	1069179.0	0.343165	Y
8	STD120 460-987932/3	120.0	40.925399	40.0	1038730.0	0.341045	Y



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Calibration / 4-Bromophenyl phenyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

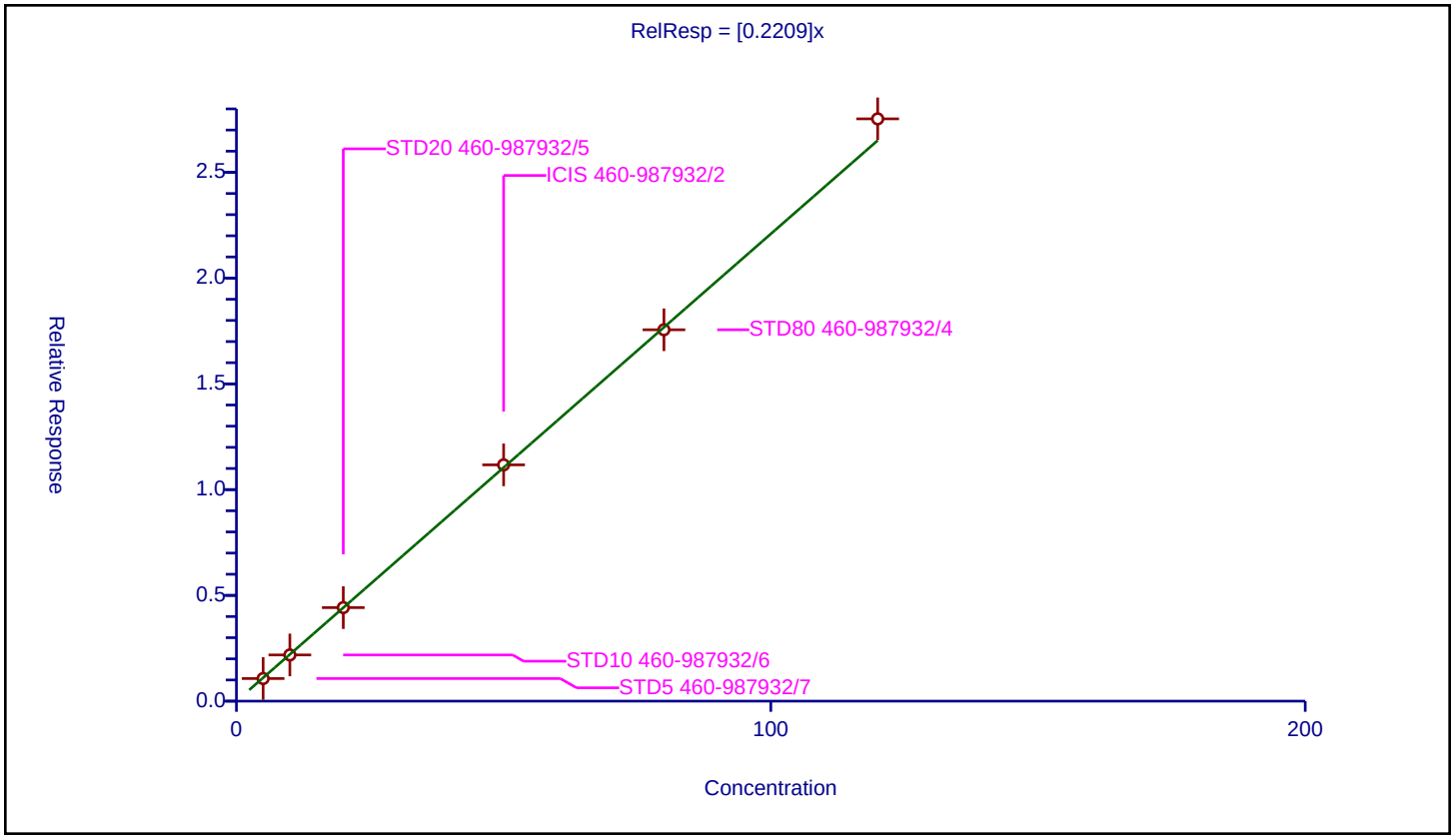
Curve Coefficients

Intercept:	0
Slope:	0.2209

Error Coefficients

Relative Standard Deviation:	2.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-987932/7	5.0	1.068278	40.0	2054634.0	0.213656	Y
2	STD10 460-987932/6	10.0	2.183707	40.0	2027415.0	0.218371	Y
3	STD20 460-987932/5	20.0	4.42176	40.0	2005093.0	0.221088	Y
4	ICIS 460-987932/2	50.0	11.171256	40.0	2190085.0	0.223425	Y
5	STD80 460-987932/4	80.0	17.557941	40.0	2053341.0	0.219474	Y
6	STD120 460-987932/3	120.0	27.529038	40.0	1978189.0	0.229409	Y



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Calibration / Hexachlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

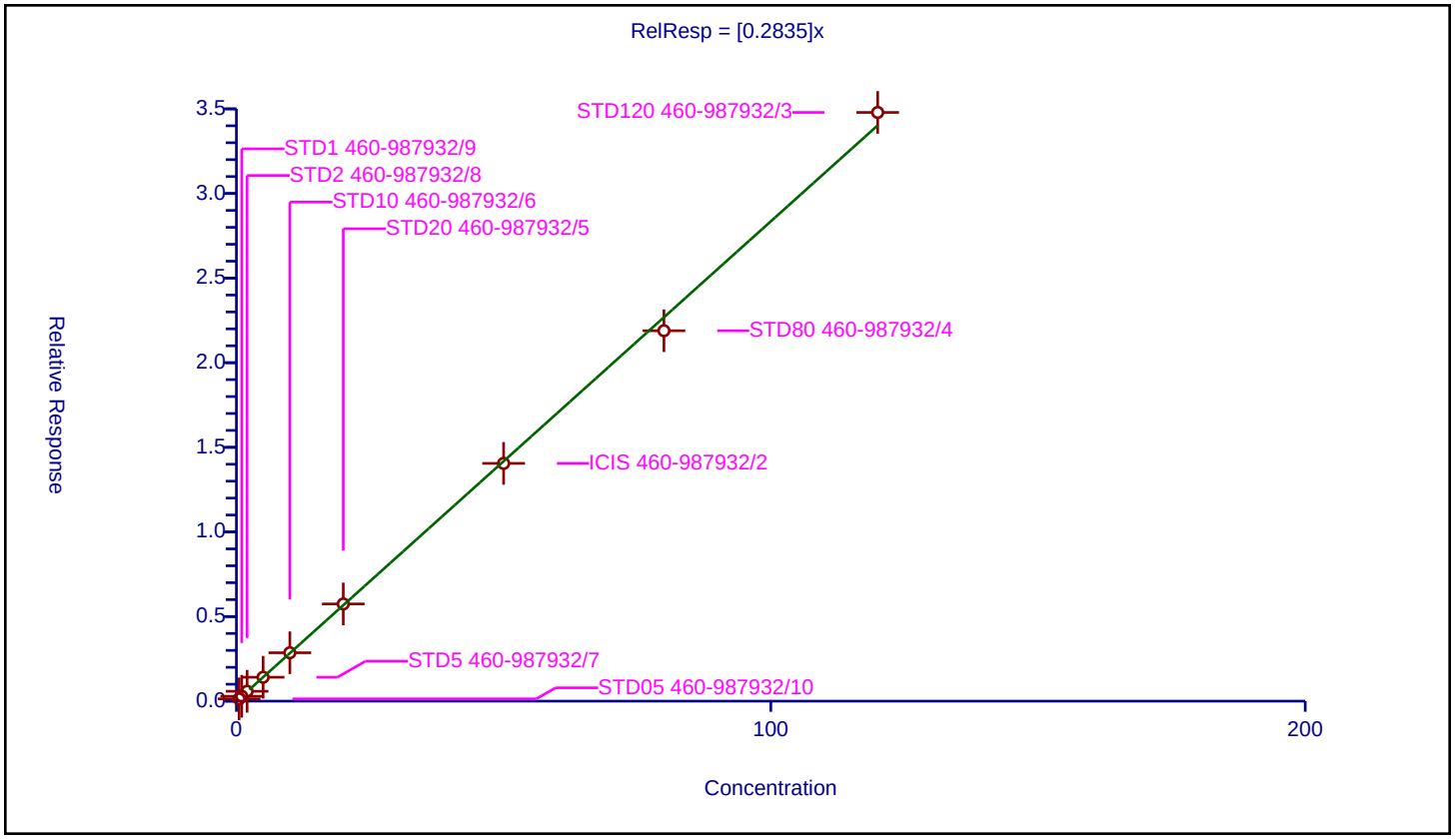
Curve Coefficients

Intercept:	0
Slope:	0.2835

Error Coefficients

Relative Standard Deviation:	2.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-987932/10	0.5	0.135093	40.0	1897650.0	0.270187	Y
2	STD1 460-987932/9	1.0	0.289408	40.0	2010585.0	0.289408	Y
3	STD2 460-987932/8	2.0	0.583779	40.0	1996783.0	0.29189	Y
4	STD5 460-987932/7	5.0	1.41232	40.0	2054634.0	0.282464	Y
5	STD10 460-987932/6	10.0	2.861318	40.0	2027415.0	0.286132	Y
6	STD20 460-987932/5	20.0	5.74505	40.0	2005093.0	0.287253	Y
7	ICIS 460-987932/2	50.0	14.050761	40.0	2190085.0	0.281015	Y
8	STD80 460-987932/4	80.0	21.890236	40.0	2053341.0	0.273628	Y
9	STD120 460-987932/3	120.0	34.789679	40.0	1978189.0	0.289914	Y



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Calibration / Atrazine

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

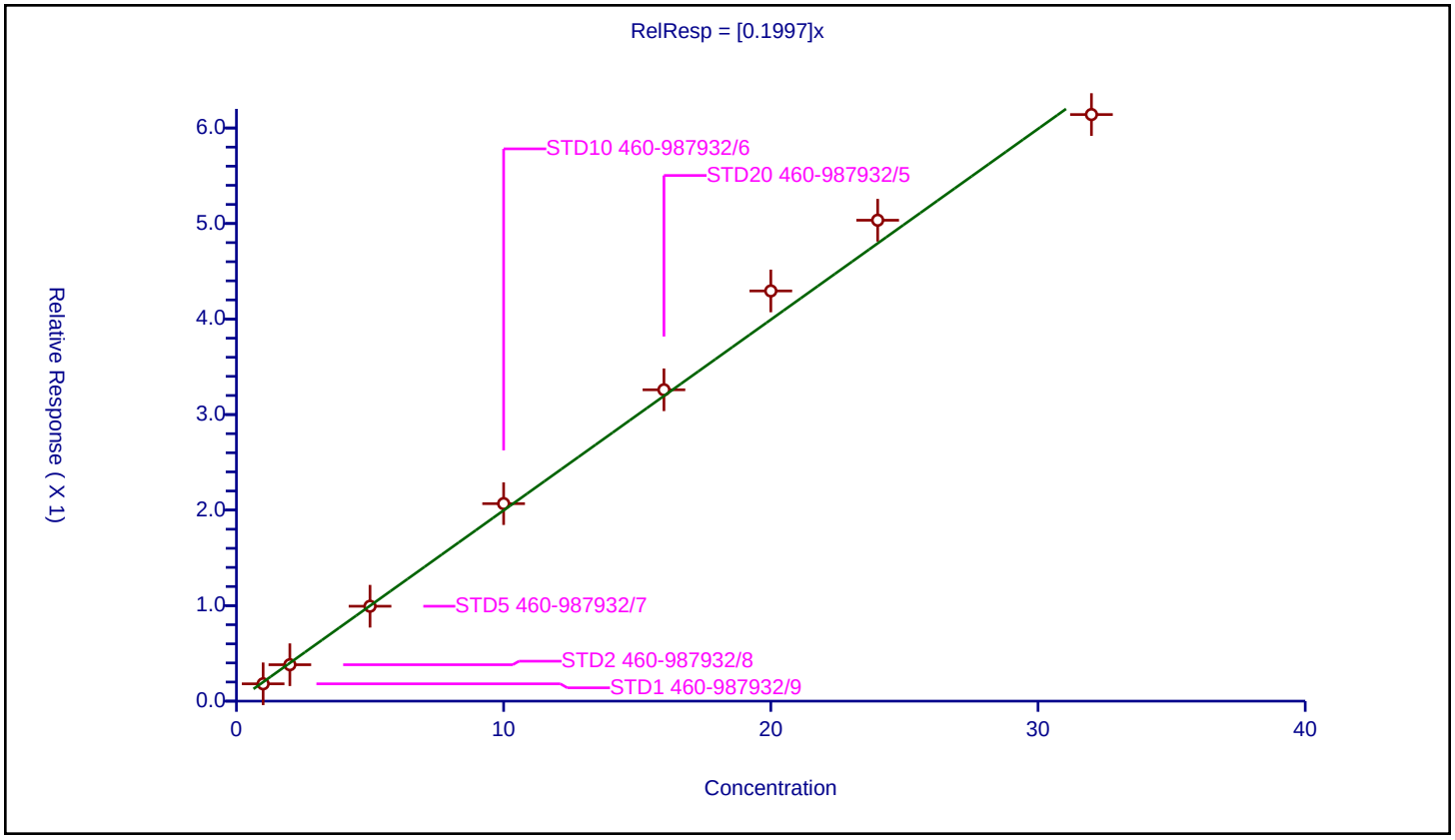
Curve Coefficients

Intercept:	0
Slope:	0.1997

Error Coefficients

Relative Standard Deviation:	5.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-987932/9	1.0	0.181241	40.0	2010585.0	0.181241	Y
2	STD2 460-987932/8	2.0	0.381293	40.0	1996783.0	0.190647	Y
3	STD5 460-987932/7	5.0	0.993462	40.0	2054634.0	0.198692	Y
4	STD10 460-987932/6	10.0	2.067658	40.0	2027415.0	0.206766	Y
5	STD20 460-987932/5	16.0	3.25946	40.0	2005093.0	0.203716	Y
6	ICIS 460-987932/2	20.0	4.294372	40.0	2190085.0	0.214719	Y
7	STD80 460-987932/4	24.0	5.034644	40.0	2053341.0	0.209777	Y
8	STD120 460-987932/3	32.0	6.14093	40.0	1978189.0	0.191904	Y



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Calibration / Pentachlorophenol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

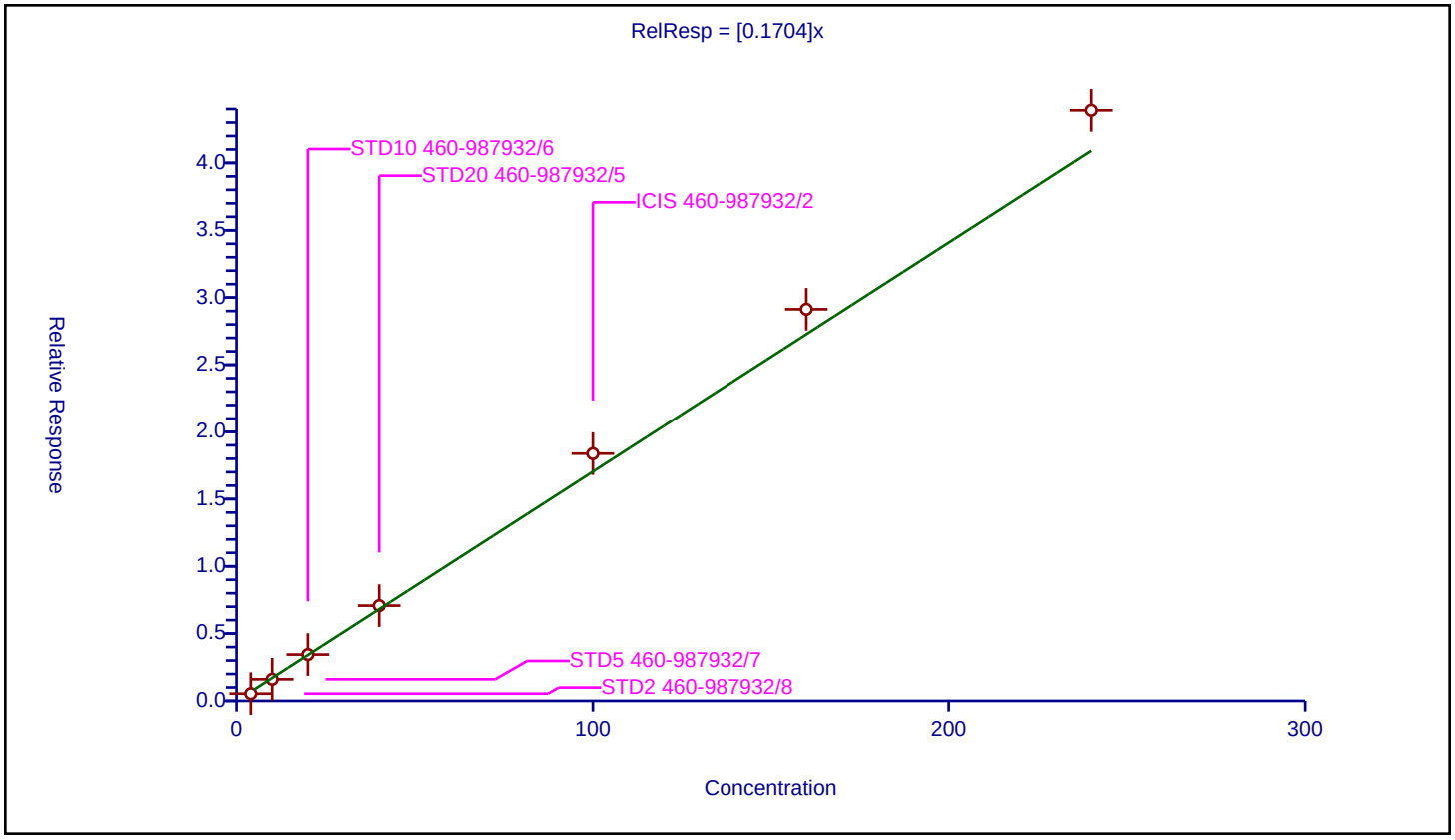
Curve Coefficients

Intercept:	0
Slope:	0.1704

Error Coefficients

Relative Standard Deviation:	10.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD2 460-987932/8	4.0	0.537765	40.0	1996783.0	0.134441	Y
2	STD5 460-987932/7	10.0	1.606554	40.0	2054634.0	0.160655	Y
3	STD10 460-987932/6	20.0	3.441821	40.0	2027415.0	0.172091	Y
4	STD20 460-987932/5	40.0	7.078734	40.0	2005093.0	0.176968	Y
5	ICIS 460-987932/2	100.0	18.383104	40.0	2190085.0	0.183831	Y
6	STD80 460-987932/4	160.0	29.129287	40.0	2053341.0	0.182058	Y
7	STD120 460-987932/3	240.0	43.90541	40.0	1978189.0	0.182939	Y



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Calibration / Pentachloronitrobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

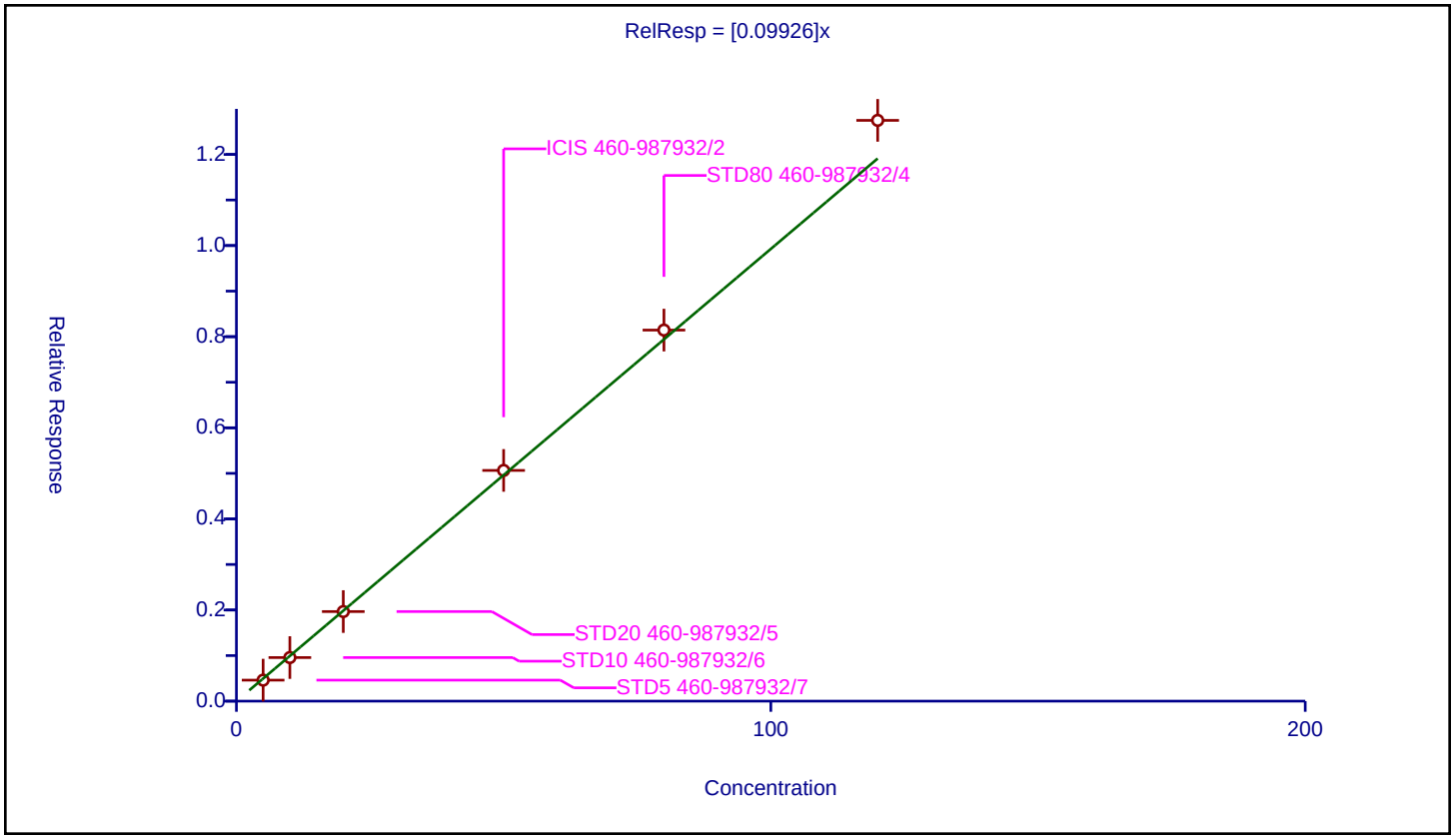
Curve Coefficients

Intercept:	0
Slope:	0.09926

Error Coefficients

Relative Standard Deviation:	5.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-987932/7	5.0	0.46126	40.0	2054634.0	0.092252	Y
2	STD10 460-987932/6	10.0	0.956548	40.0	2027415.0	0.095655	Y
3	STD20 460-987932/5	20.0	1.966173	40.0	2005093.0	0.098309	Y
4	ICIS 460-987932/2	50.0	5.064552	40.0	2190085.0	0.101291	Y
5	STD80 460-987932/4	80.0	8.14495	40.0	2053341.0	0.101812	Y
6	STD120 460-987932/3	120.0	12.747862	40.0	1978189.0	0.106232	Y



Calibration / n-Octadecane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

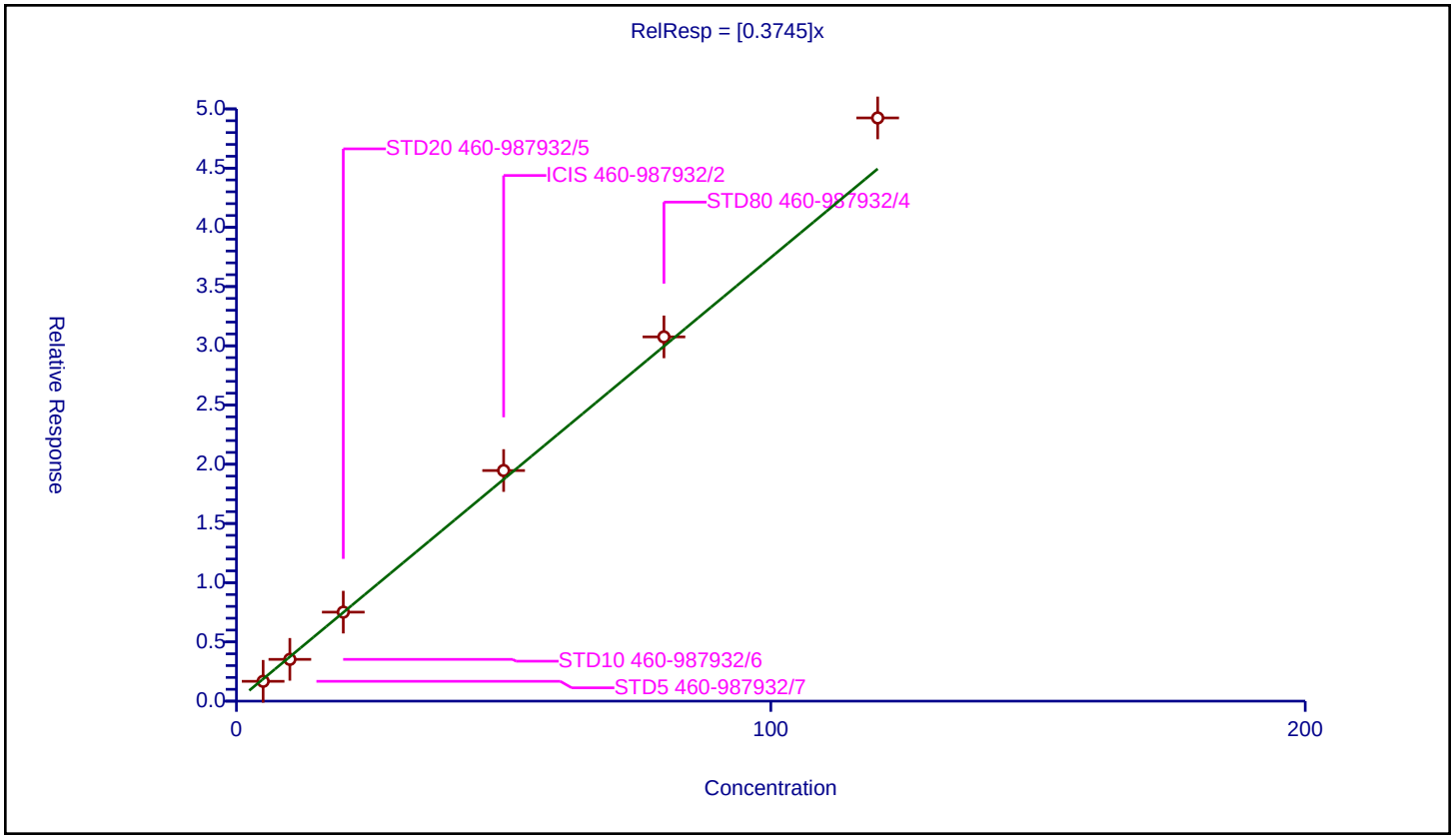
Curve Coefficients

Intercept:	0
Slope:	0.3745

Error Coefficients

Relative Standard Deviation:	7.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-987932/7	5.0	1.672921	40.0	2054634.0	0.334584	Y
2	STD10 460-987932/6	10.0	3.526185	40.0	2027415.0	0.352618	Y
3	STD20 460-987932/5	20.0	7.514464	40.0	2005093.0	0.375723	Y
4	ICIS 460-987932/2	50.0	19.469199	40.0	2190085.0	0.389384	Y
5	STD80 460-987932/4	80.0	30.753099	40.0	2053341.0	0.384414	Y
6	STD120 460-987932/3	120.0	49.237803	40.0	1978189.0	0.410315	Y



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Calibration / Phenanthrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

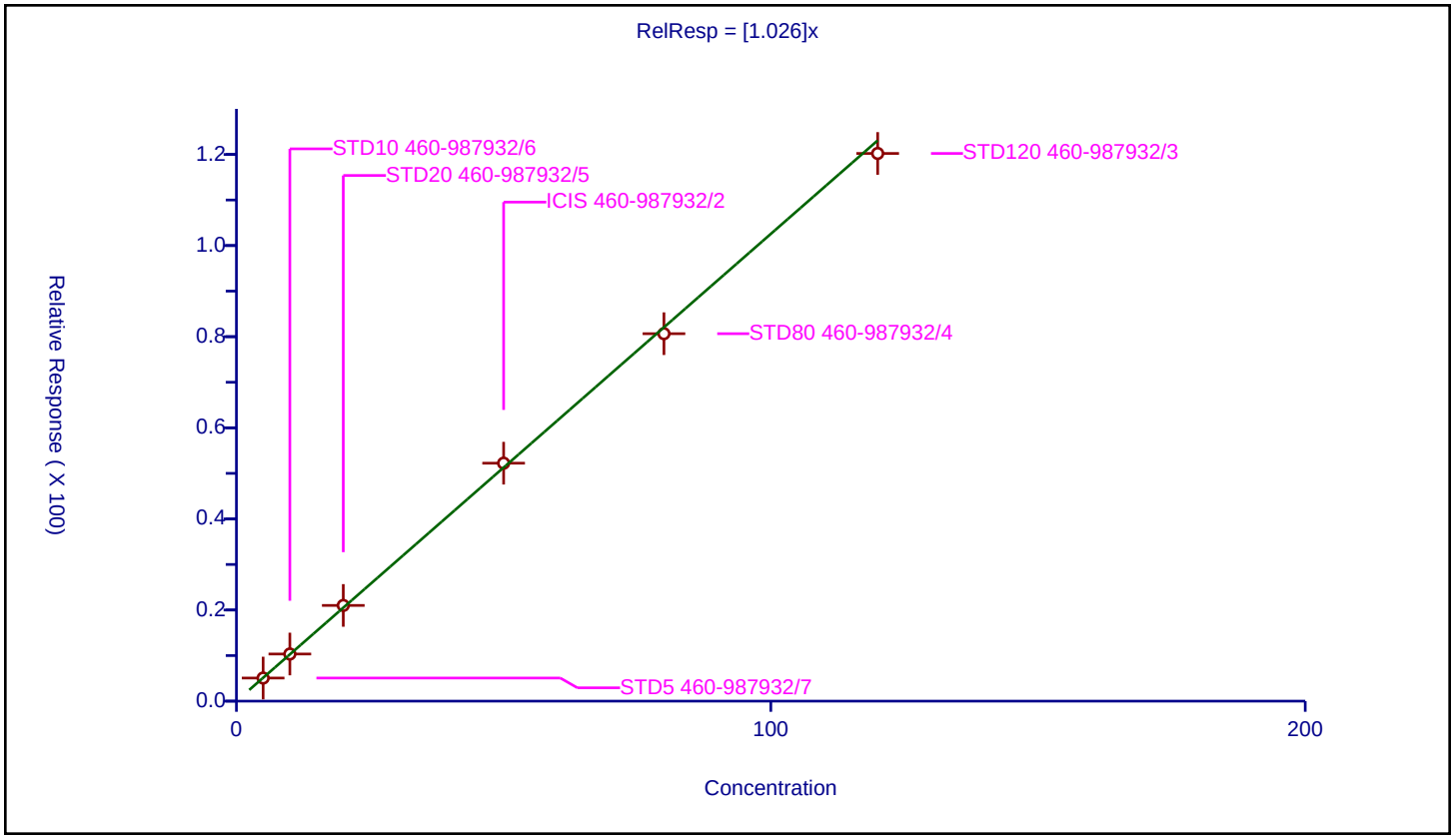
Curve Coefficients

Intercept:	0
Slope:	1.026

Error Coefficients

Relative Standard Deviation:	2.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-987932/7	5.0	5.069555	40.0	2054634.0	1.013911	Y
2	STD10 460-987932/6	10.0	10.347127	40.0	2027415.0	1.034713	Y
3	STD20 460-987932/5	20.0	21.007883	40.0	2005093.0	1.050394	Y
4	ICIS 460-987932/2	50.0	52.231105	40.0	2190085.0	1.044622	Y
5	STD80 460-987932/4	80.0	80.6584	40.0	2053341.0	1.00823	Y
6	STD120 460-987932/3	120.0	120.216905	40.0	1978189.0	1.001808	Y



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Calibration / Anthracene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

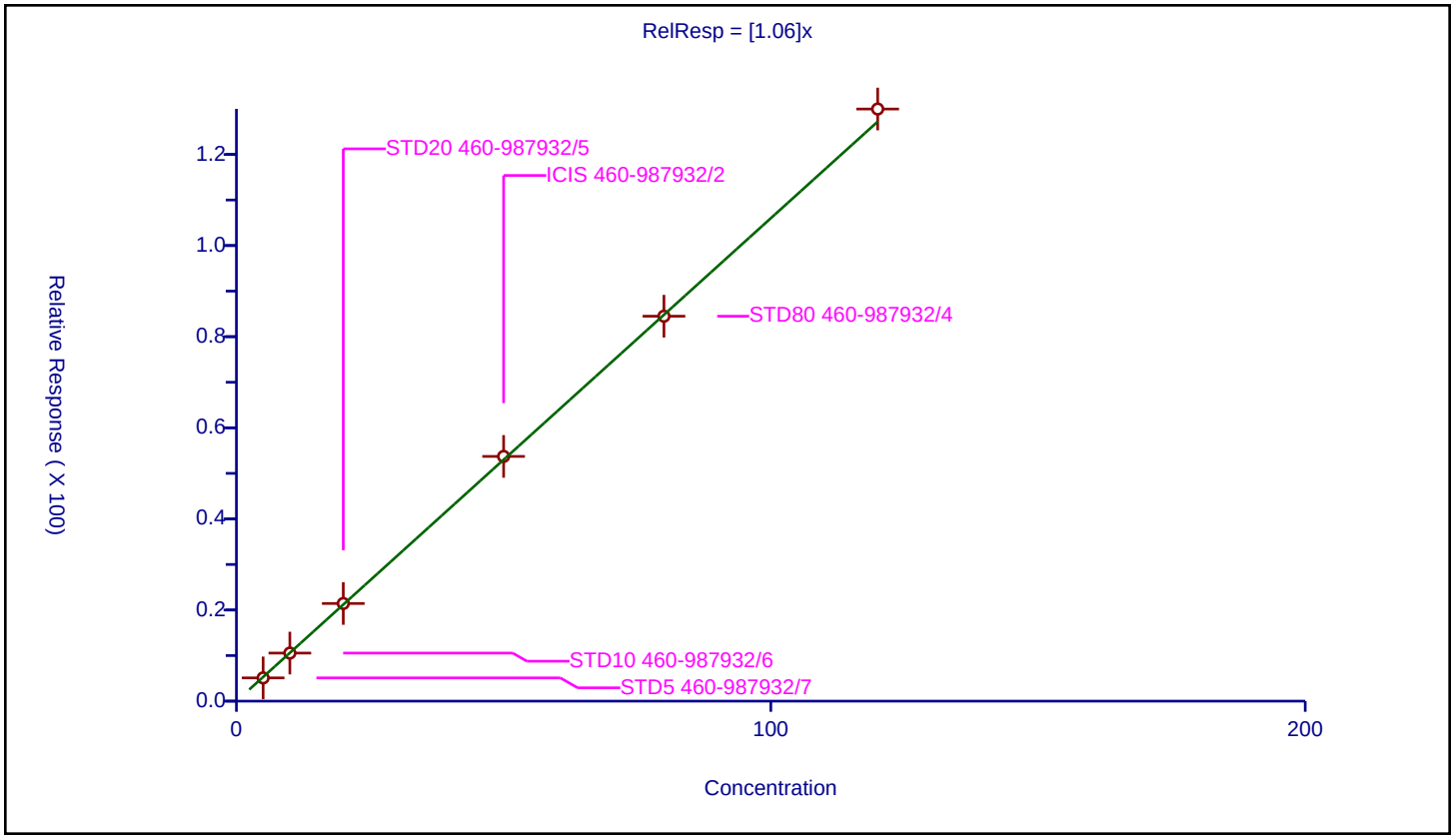
Curve Coefficients

Intercept:	0
Slope:	1.06

Error Coefficients

Relative Standard Deviation:	2.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-987932/7	5.0	5.09903	40.0	2054634.0	1.019806	Y
2	STD10 460-987932/6	10.0	10.549789	40.0	2027415.0	1.054979	Y
3	STD20 460-987932/5	20.0	21.432861	40.0	2005093.0	1.071643	Y
4	ICIS 460-987932/2	50.0	53.720965	40.0	2190085.0	1.074419	Y
5	STD80 460-987932/4	80.0	84.492366	40.0	2053341.0	1.056155	Y
6	STD120 460-987932/3	120.0	129.972333	40.0	1978189.0	1.083103	Y



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Calibration / Carbazole

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

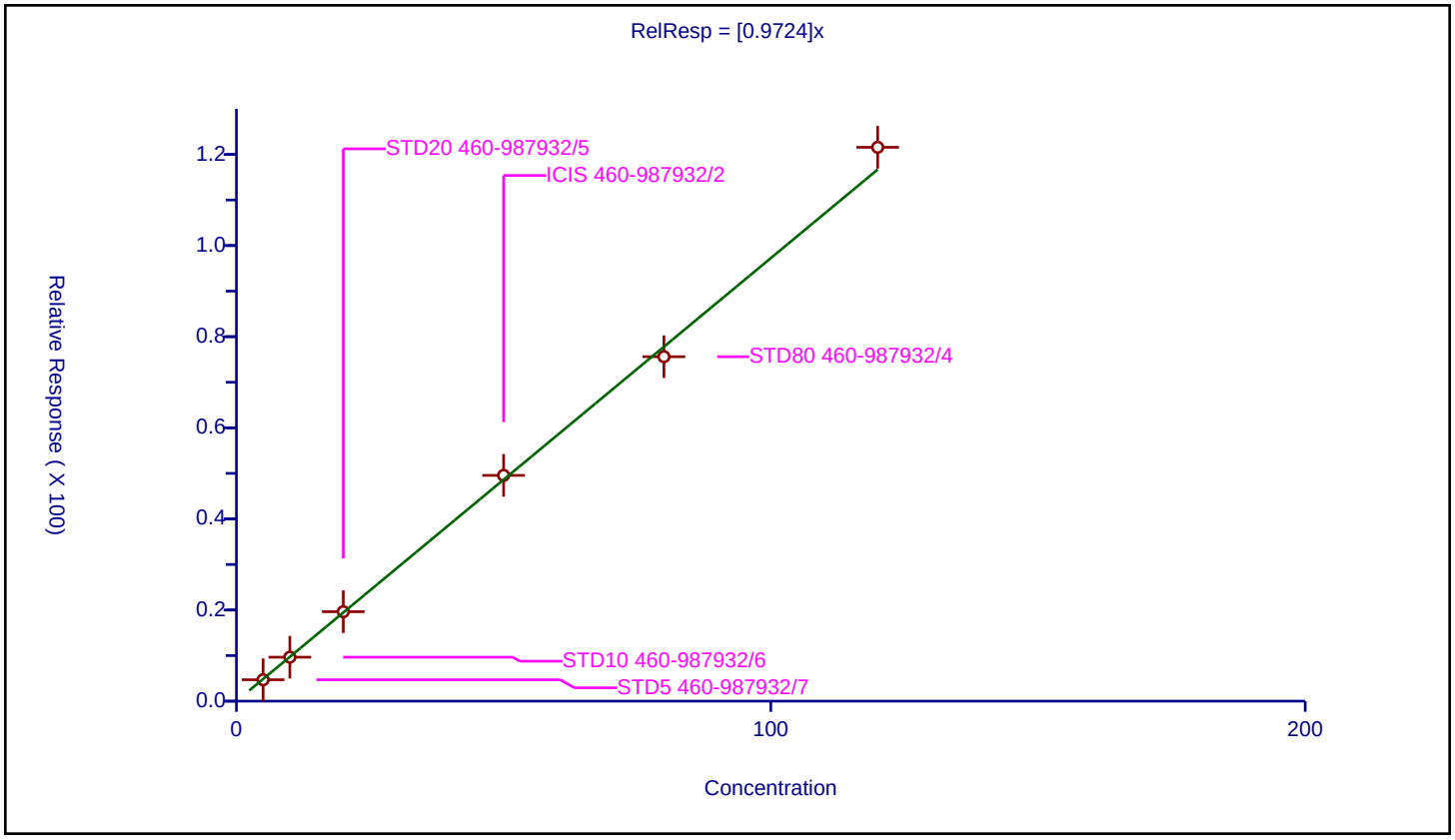
Curve Coefficients

Intercept:	0
Slope:	0.9724

Error Coefficients

Relative Standard Deviation:	2.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-987932/7	5.0	4.694929	40.0	2054634.0	0.938986	Y
2	STD10 460-987932/6	10.0	9.64657	40.0	2027415.0	0.964657	Y
3	STD20 460-987932/5	20.0	19.632745	40.0	2005093.0	0.981637	Y
4	ICIS 460-987932/2	50.0	49.558095	40.0	2190085.0	0.991162	Y
5	STD80 460-987932/4	80.0	75.606964	40.0	2053341.0	0.945087	Y
6	STD120 460-987932/3	120.0	121.570608	40.0	1978189.0	1.013088	Y



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Calibration / Di-n-butyl phthalate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

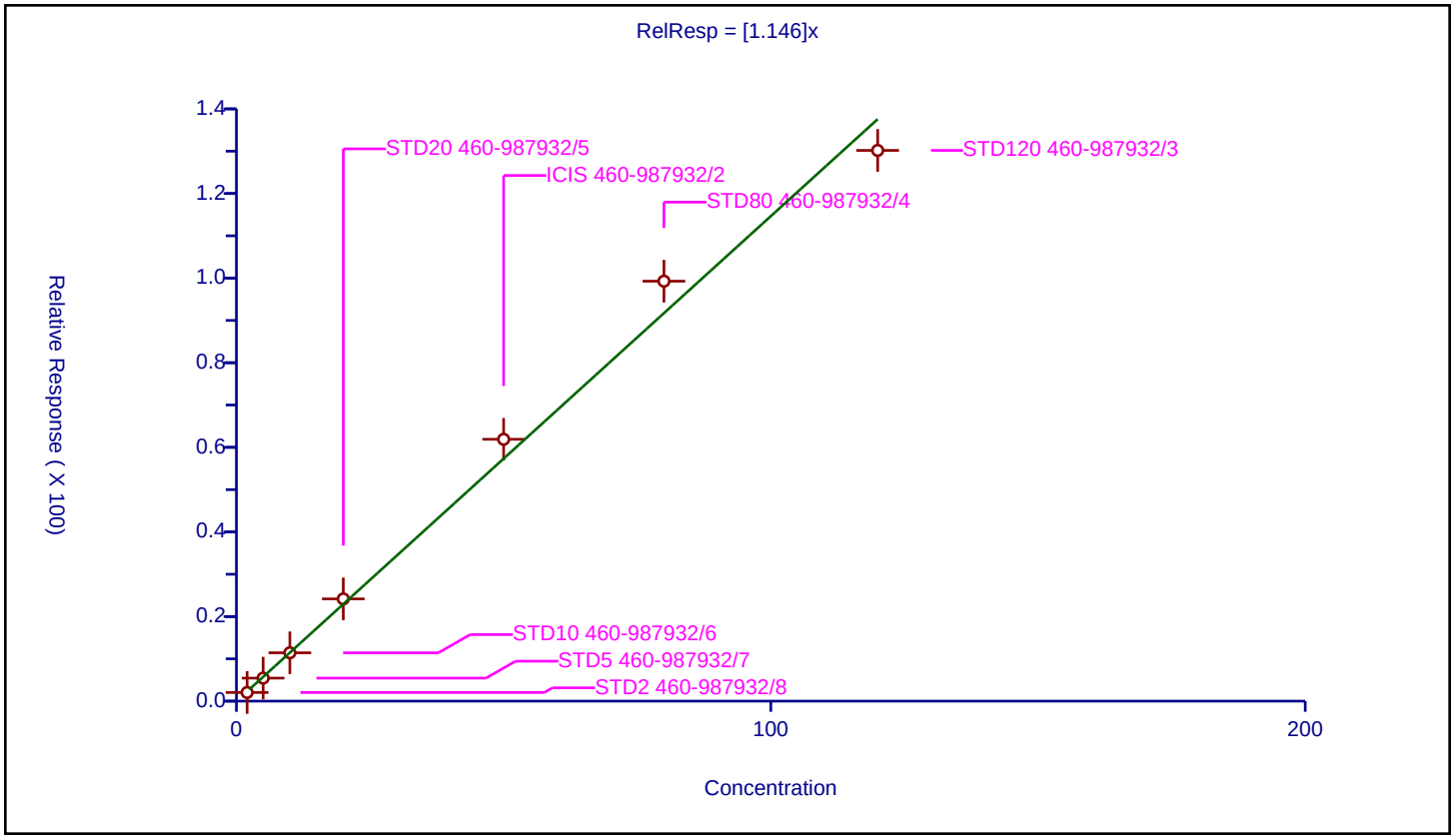
Curve Coefficients

Intercept:	0
Slope:	1.146

Error Coefficients

Relative Standard Deviation:	7.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD2 460-987932/8	2.0	2.042926	40.0	1996783.0	1.021463	Y
2	STD5 460-987932/7	5.0	5.439762	40.0	2054634.0	1.087952	Y
3	STD10 460-987932/6	10.0	11.432489	40.0	2027415.0	1.143249	Y
4	STD20 460-987932/5	20.0	24.169911	40.0	2005093.0	1.208496	Y
5	ICIS 460-987932/2	50.0	61.896757	40.0	2190085.0	1.237935	Y
6	STD80 460-987932/4	80.0	99.271616	40.0	2053341.0	1.240895	Y
7	STD120 460-987932/3	120.0	130.187176	40.0	1978189.0	1.084893	Y



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Calibration / Fluoranthene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

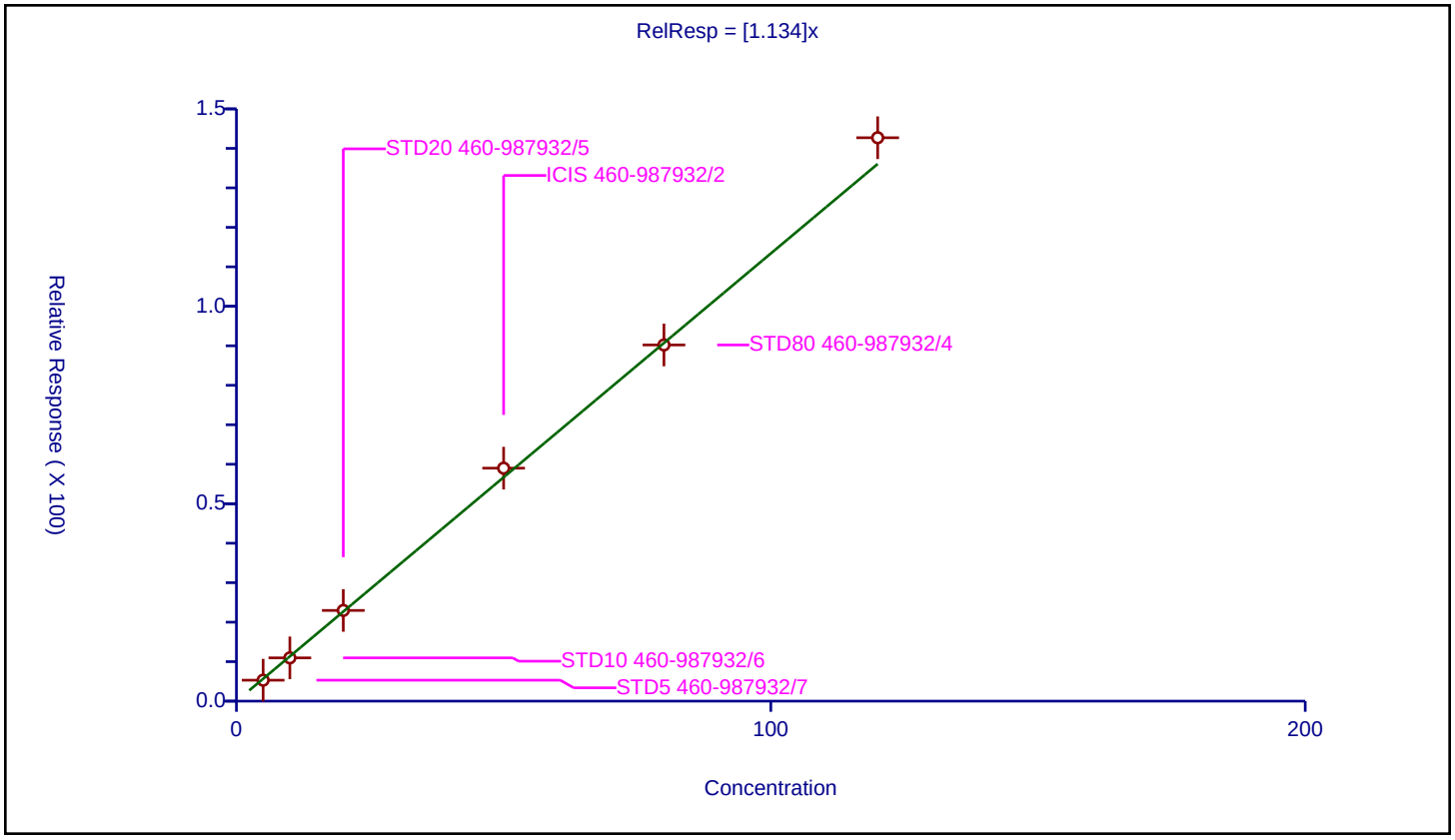
Curve Coefficients

Intercept:	0
Slope:	1.134

Error Coefficients

Relative Standard Deviation:	4.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-987932/7	5.0	5.30841	40.0	2054634.0	1.061682	Y
2	STD10 460-987932/6	10.0	10.956514	40.0	2027415.0	1.095651	Y
3	STD20 460-987932/5	20.0	22.973478	40.0	2005093.0	1.148674	Y
4	ICIS 460-987932/2	50.0	59.00476	40.0	2190085.0	1.180095	Y
5	STD80 460-987932/4	80.0	90.21578	40.0	2053341.0	1.127697	Y
6	STD120 460-987932/3	120.0	142.691401	40.0	1978189.0	1.189095	Y



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Calibration / Benzidine

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

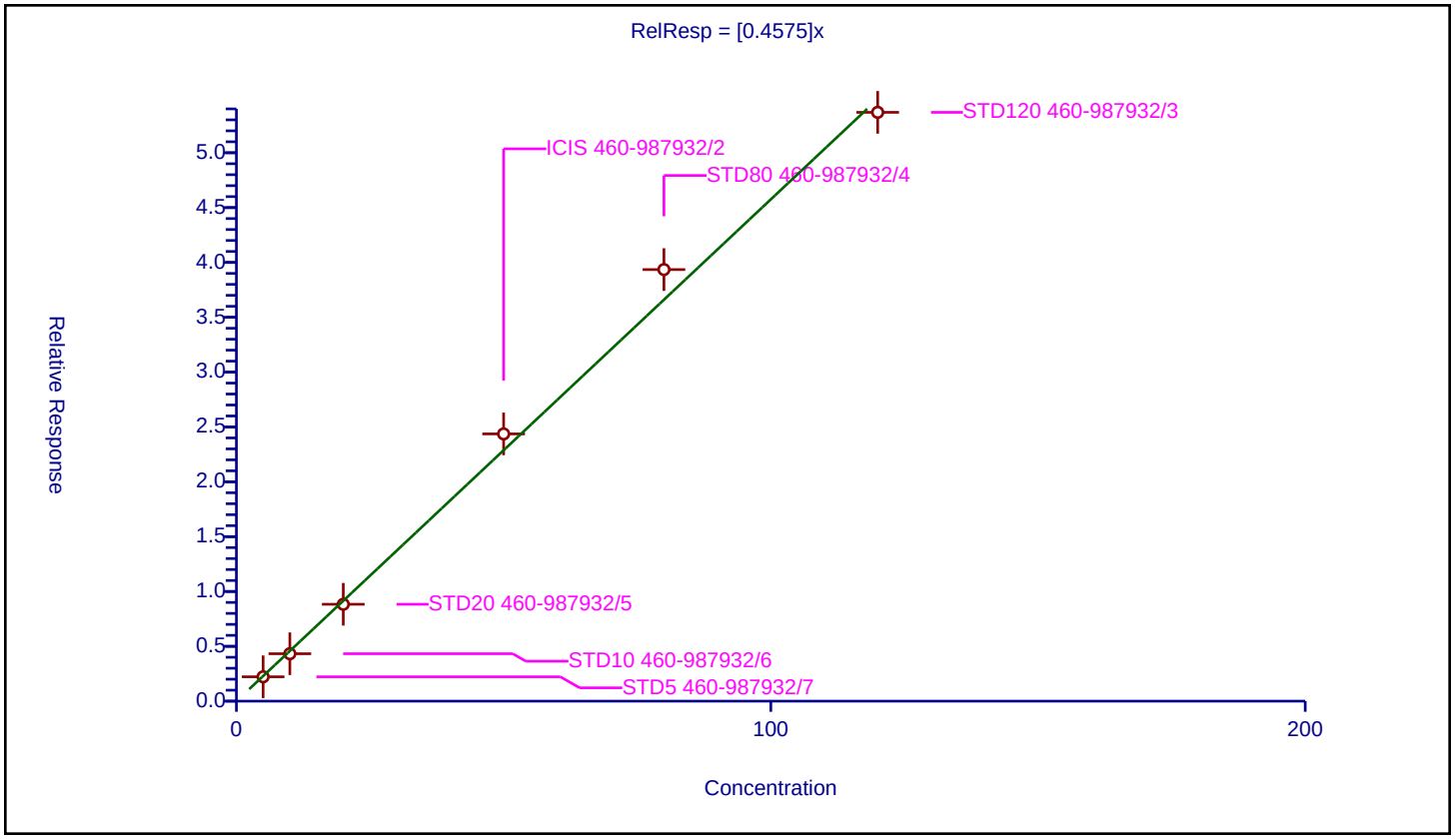
Curve Coefficients

Intercept:	0
Slope:	0.4575

Error Coefficients

Relative Standard Deviation:	5.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-987932/7	5.0	2.221807	40.0	2054634.0	0.444361	Y
2	STD10 460-987932/6	10.0	4.323752	40.0	2027415.0	0.432375	Y
3	STD20 460-987932/5	20.0	8.832289	40.0	2005093.0	0.441614	Y
4	ICIS 460-987932/2	50.0	24.365922	40.0	2190085.0	0.487318	Y
5	STD80 460-987932/4	80.0	39.349821	40.0	2053341.0	0.491873	Y
6	STD120 460-987932/3	120.0	53.683283	40.0	1978189.0	0.447361	Y



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Calibration / Pyrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

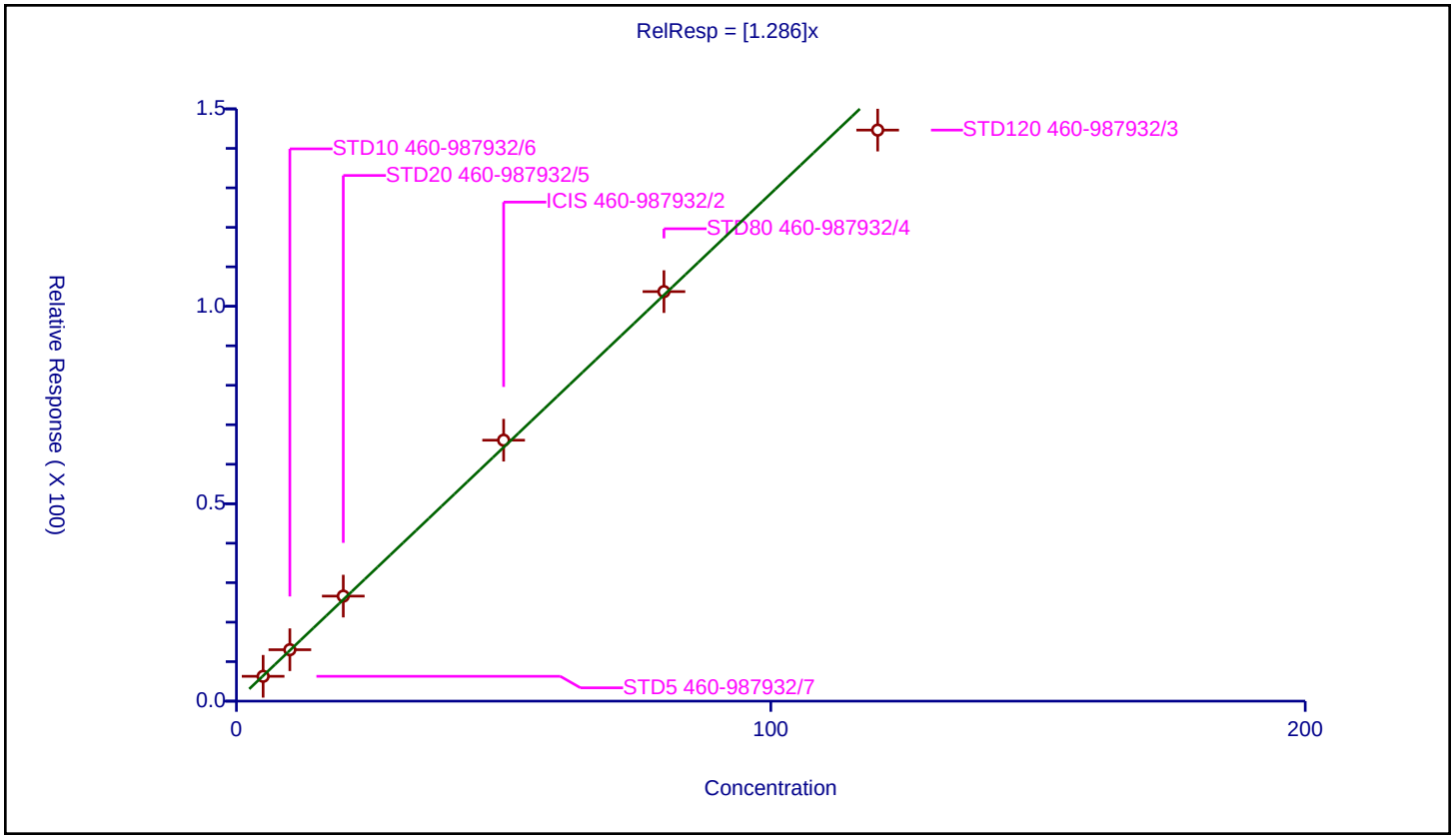
Curve Coefficients

Intercept:	0
Slope:	1.286

Error Coefficients

Relative Standard Deviation:	3.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-987932/7	5.0	6.291383	40.0	1835520.0	1.258277	Y
2	STD10 460-987932/6	10.0	13.025331	40.0	1812066.0	1.302533	Y
3	STD20 460-987932/5	20.0	26.603831	40.0	1816152.0	1.330192	Y
4	ICIS 460-987932/2	50.0	66.087598	40.0	1998864.0	1.321752	Y
5	STD80 460-987932/4	80.0	103.721464	40.0	1904358.0	1.296518	Y
6	STD120 460-987932/3	120.0	144.631196	40.0	1846931.0	1.20526	Y



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Calibration / Bisphenol-A

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

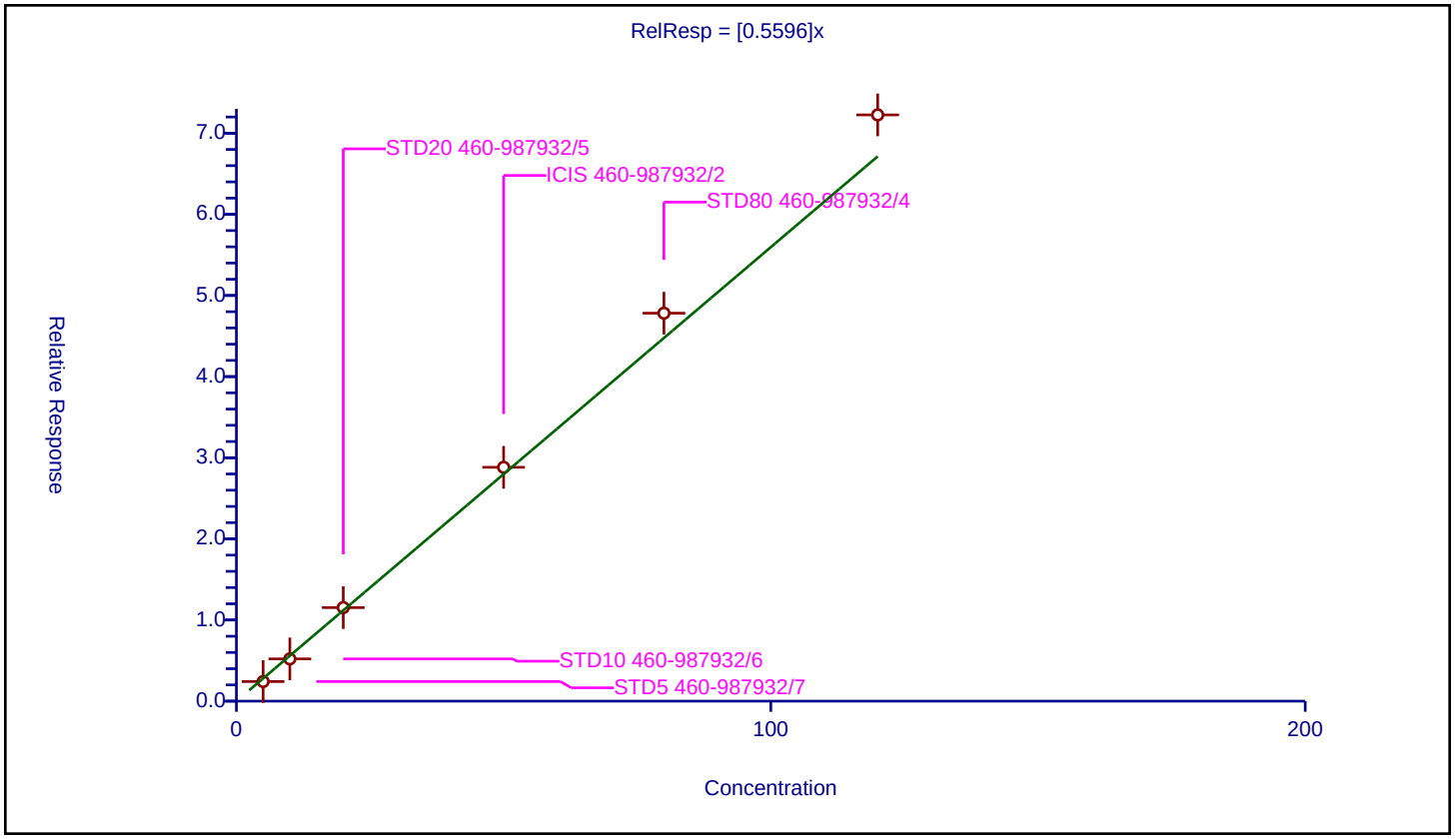
Curve Coefficients

Intercept:	0
Slope:	0.5596

Error Coefficients

Relative Standard Deviation:	8.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-987932/7	5.0	2.417517	40.0	1835520.0	0.483503	Y
2	STD10 460-987932/6	10.0	5.209082	40.0	1812066.0	0.520908	Y
3	STD20 460-987932/5	20.0	11.531326	40.0	1816152.0	0.576566	Y
4	ICIS 460-987932/2	50.0	28.823132	40.0	1998864.0	0.576463	Y
5	STD80 460-987932/4	80.0	47.821723	40.0	1904358.0	0.597772	Y
6	STD120 460-987932/3	120.0	72.257751	40.0	1846931.0	0.602148	Y



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Calibration / Terphenyl-d14

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

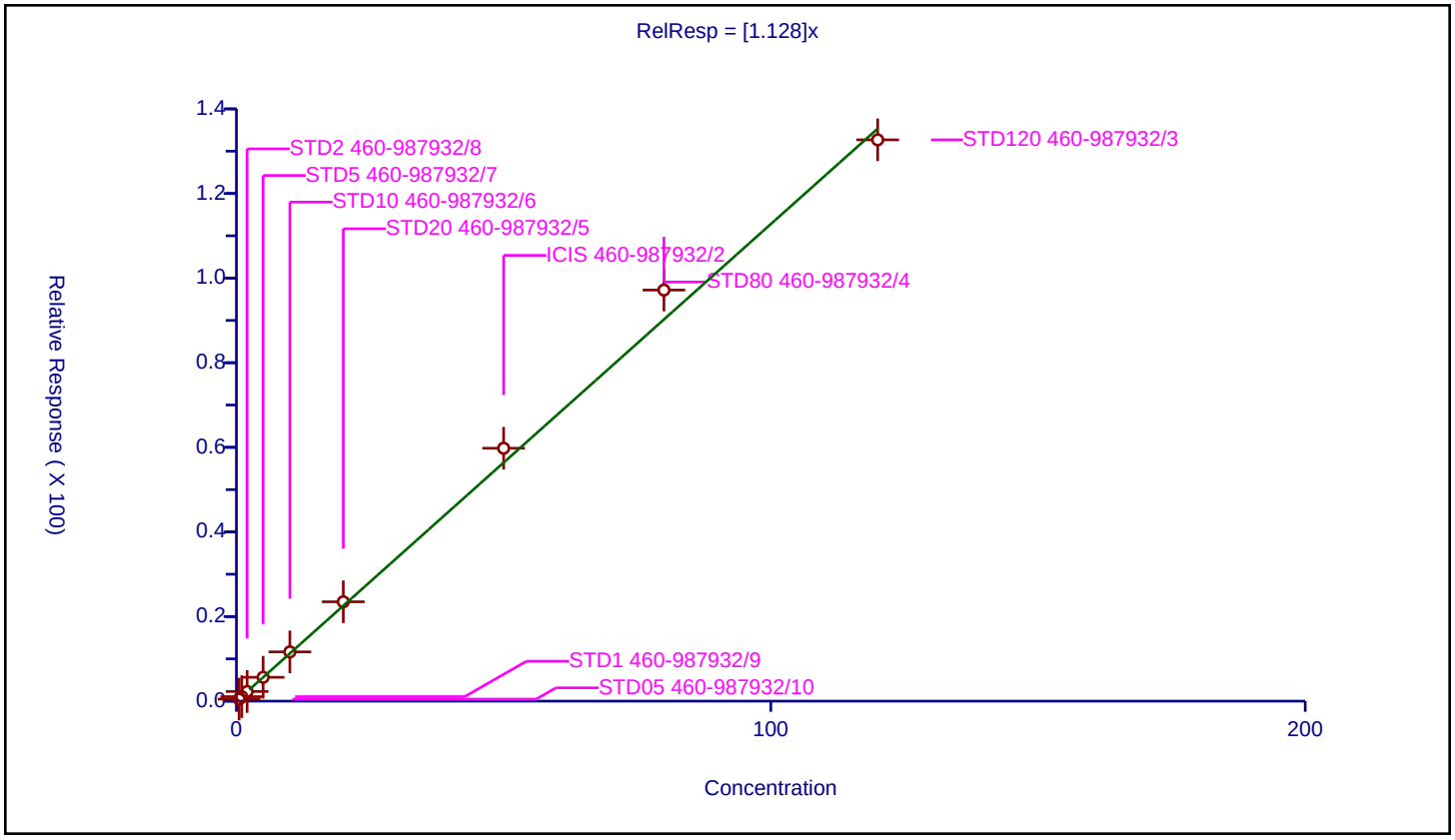
Curve Coefficients

Intercept:	0
Slope:	1.128

Error Coefficients

Relative Standard Deviation:	6.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-987932/10	0.5	0.48149	40.0	1678455.0	0.962981	Y
2	STD1 460-987932/9	1.0	1.0639	40.0	1776596.0	1.0639	Y
3	STD2 460-987932/8	2.0	2.279382	40.0	1756845.0	1.139691	Y
4	STD5 460-987932/7	5.0	5.639121	40.0	1835520.0	1.127824	Y
5	STD10 460-987932/6	10.0	11.646485	40.0	1812066.0	1.164649	Y
6	STD20 460-987932/5	20.0	23.486999	40.0	1816152.0	1.17435	Y
7	ICIS 460-987932/2	50.0	59.784798	40.0	1998864.0	1.195696	Y
8	STD80 460-987932/4	80.0	97.171897	40.0	1904358.0	1.214649	Y
9	STD120 460-987932/3	120.0	132.68526	40.0	1846931.0	1.105711	Y



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Calibration / Butyl benzyl phthalate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

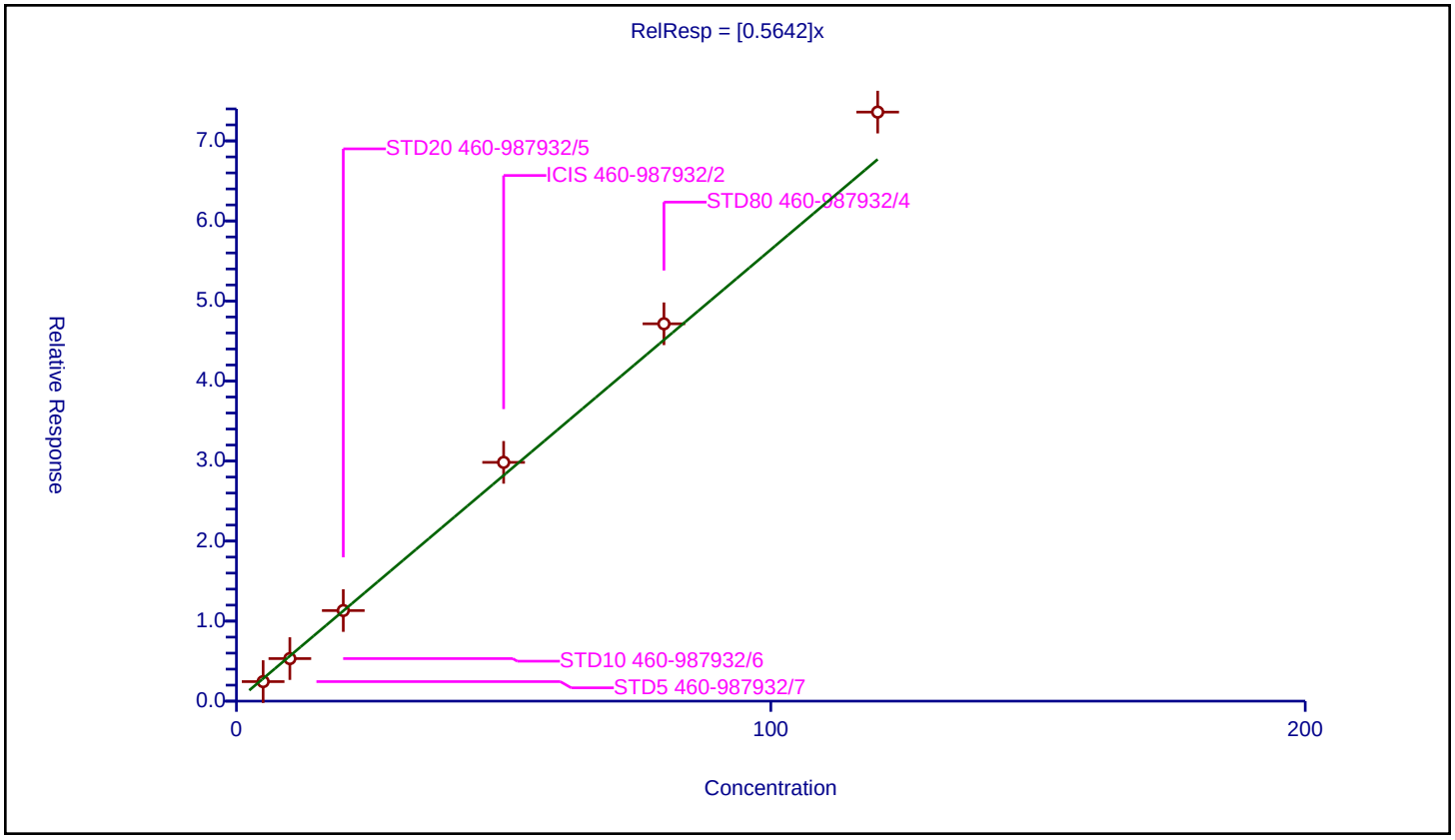
Curve Coefficients

Intercept:	0
Slope:	0.5642

Error Coefficients

Relative Standard Deviation:	8.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-987932/7	5.0	2.439941	40.0	1835520.0	0.487988	Y
2	STD10 460-987932/6	10.0	5.315038	40.0	1812066.0	0.531504	Y
3	STD20 460-987932/5	20.0	11.320022	40.0	1816152.0	0.566001	Y
4	ICIS 460-987932/2	50.0	29.836707	40.0	1998864.0	0.596734	Y
5	STD80 460-987932/4	80.0	47.152269	40.0	1904358.0	0.589403	Y
6	STD120 460-987932/3	120.0	73.600735	40.0	1846931.0	0.613339	Y



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Calibration / 2,3,7,8-TCDD

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

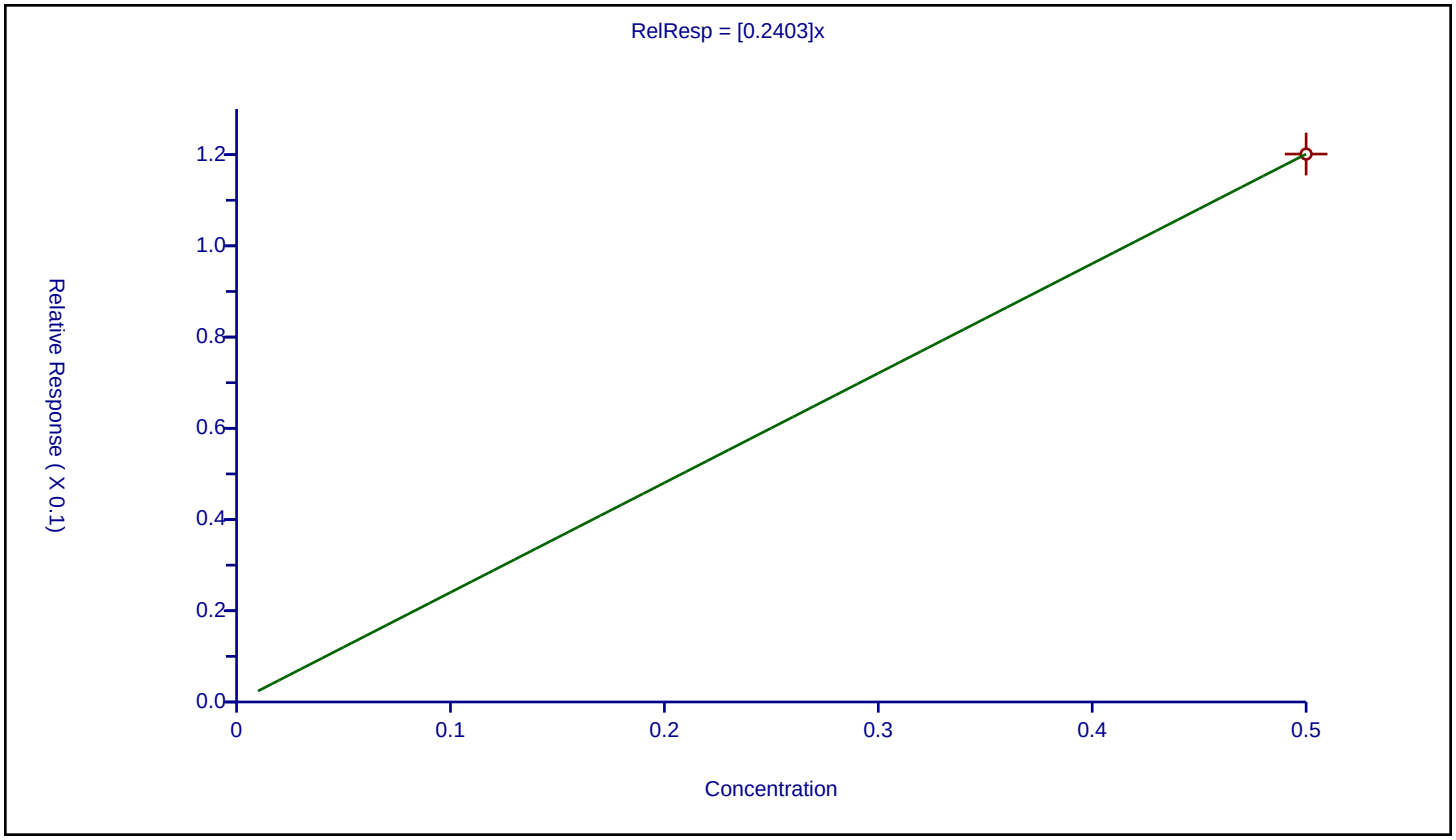
Curve Coefficients

Intercept:	0
Slope:	0.2403

Error Coefficients

Relative Standard Deviation:	0.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	ICIS 460-987932/2	0.5	0.120128	40.0	1998864.0	0.240256	Y



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Calibration / Carbamazepine

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

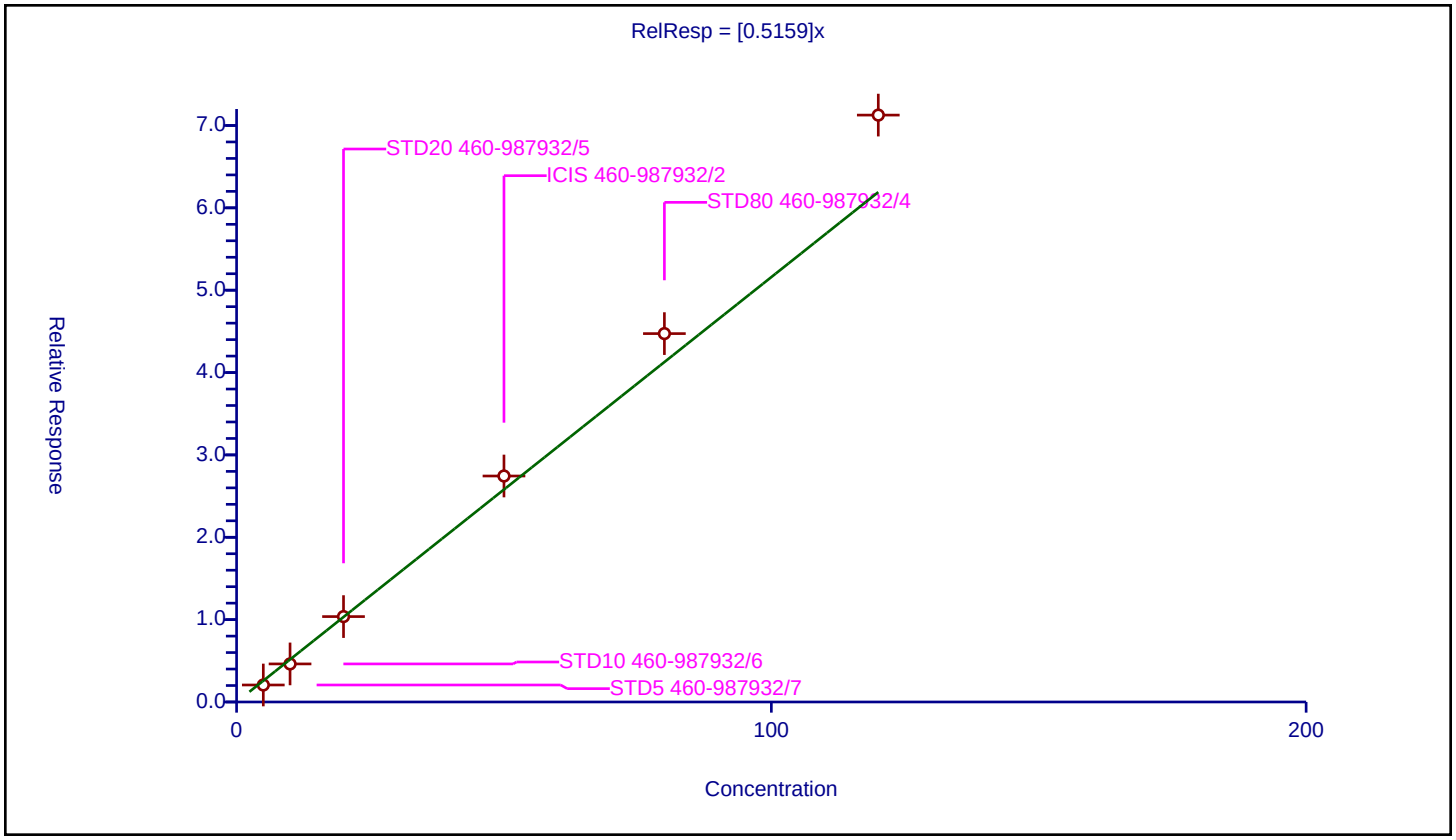
Curve Coefficients

Intercept:	0
Slope:	0.5159

Error Coefficients

Relative Standard Deviation:	13.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-987932/7	5.0	2.064919	40.0	1835520.0	0.412984	Y
2	STD10 460-987932/6	10.0	4.623717	40.0	1812066.0	0.462372	Y
3	STD20 460-987932/5	20.0	10.368053	40.0	1816152.0	0.518403	Y
4	ICIS 460-987932/2	50.0	27.438525	40.0	1998864.0	0.548771	Y
5	STD80 460-987932/4	80.0	44.730182	40.0	1904358.0	0.559127	Y
6	STD120 460-987932/3	120.0	71.263214	40.0	1846931.0	0.59386	Y



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Calibration / 3,3'-Dichlorobenzidine

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

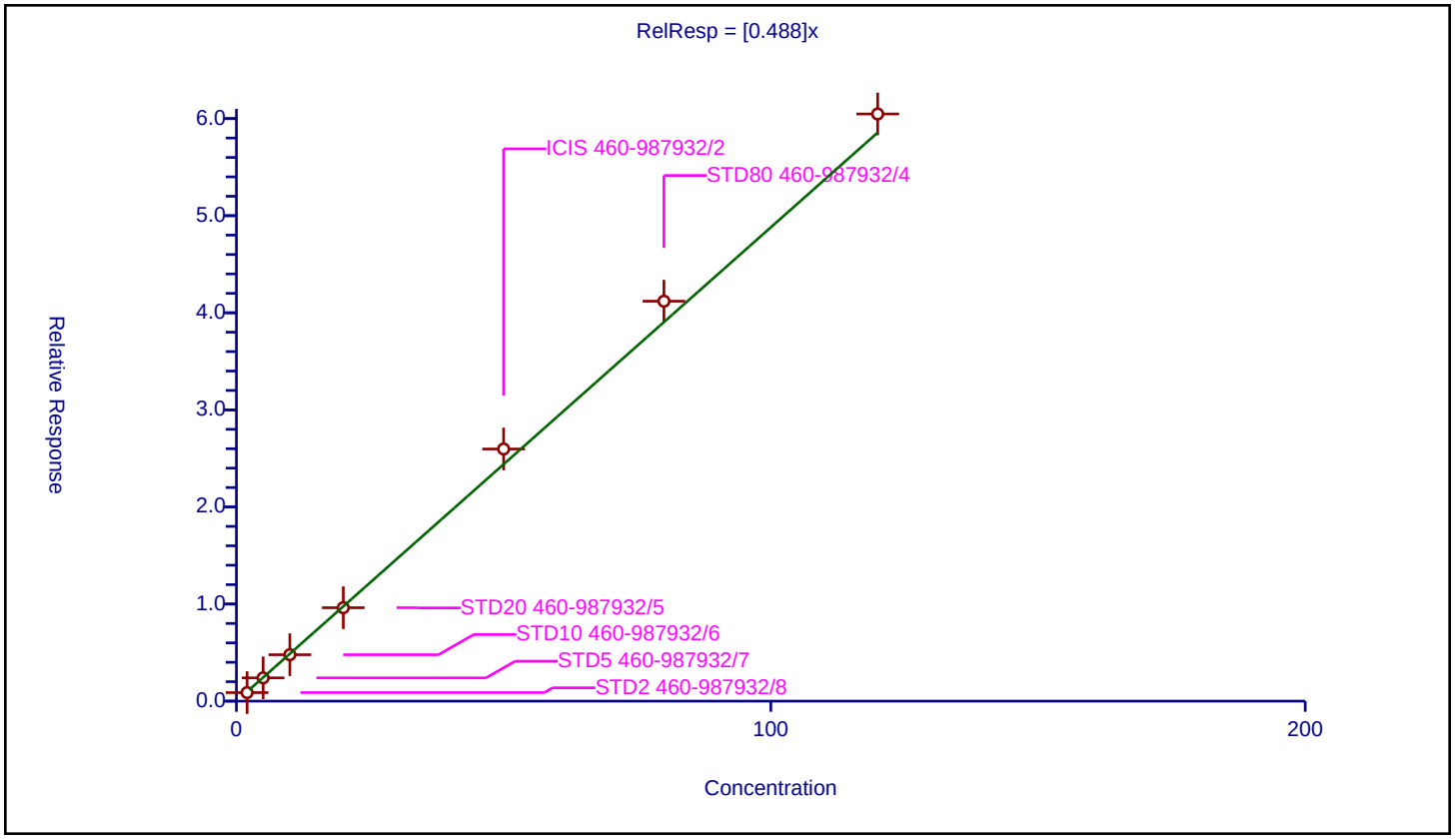
Curve Coefficients

Intercept:	0
Slope:	0.488

Error Coefficients

Relative Standard Deviation:	5.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD2 460-987932/8	2.0	0.878689	40.0	1756845.0	0.439344	Y
2	STD5 460-987932/7	5.0	2.396095	40.0	1835520.0	0.479219	Y
3	STD10 460-987932/6	10.0	4.780643	40.0	1812066.0	0.478064	Y
4	STD20 460-987932/5	20.0	9.622322	40.0	1816152.0	0.481116	Y
5	ICIS 460-987932/2	50.0	25.969991	40.0	1998864.0	0.5194	Y
6	STD80 460-987932/4	80.0	41.194061	40.0	1904358.0	0.514926	Y
7	STD120 460-987932/3	120.0	60.476888	40.0	1846931.0	0.503974	Y



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Calibration / Benzo[a]anthracene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

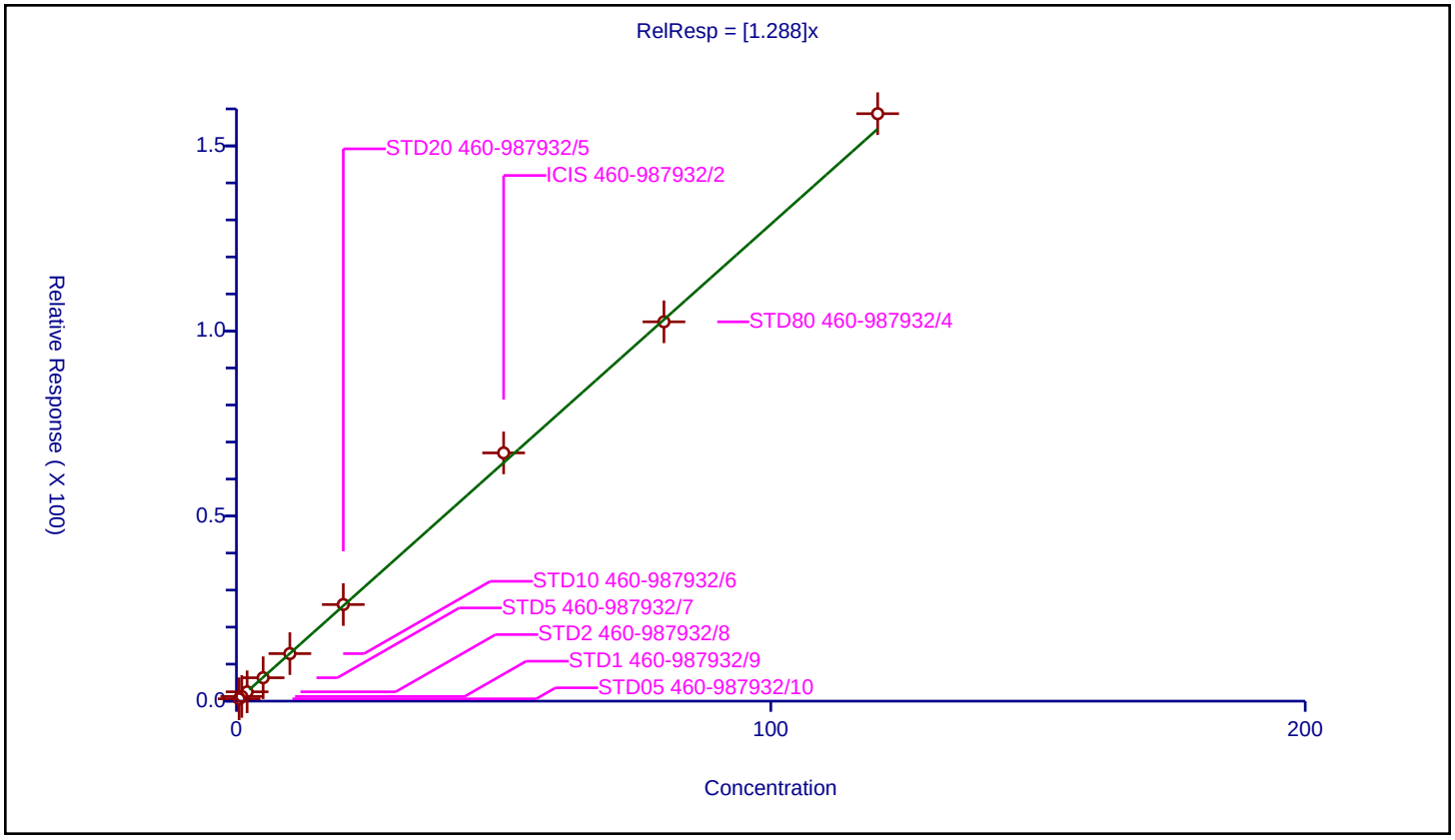
Curve Coefficients

Intercept:	0
Slope:	1.288

Error Coefficients

Relative Standard Deviation:	2.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-987932/10	0.5	0.632796	40.0	1678455.0	1.265592	Y
2	STD1 460-987932/9	1.0	1.268808	40.0	1776596.0	1.268808	Y
3	STD2 460-987932/8	2.0	2.522886	40.0	1756845.0	1.261443	Y
4	STD5 460-987932/7	5.0	6.322851	40.0	1835520.0	1.26457	Y
5	STD10 460-987932/6	10.0	12.840702	40.0	1812066.0	1.28407	Y
6	STD20 460-987932/5	20.0	26.103476	40.0	1816152.0	1.305174	Y
7	ICIS 460-987932/2	50.0	67.061011	40.0	1998864.0	1.34122	Y
8	STD80 460-987932/4	80.0	102.480458	40.0	1904358.0	1.281006	Y
9	STD120 460-987932/3	120.0	158.706914	40.0	1846931.0	1.322558	Y



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Calibration / Chrysene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

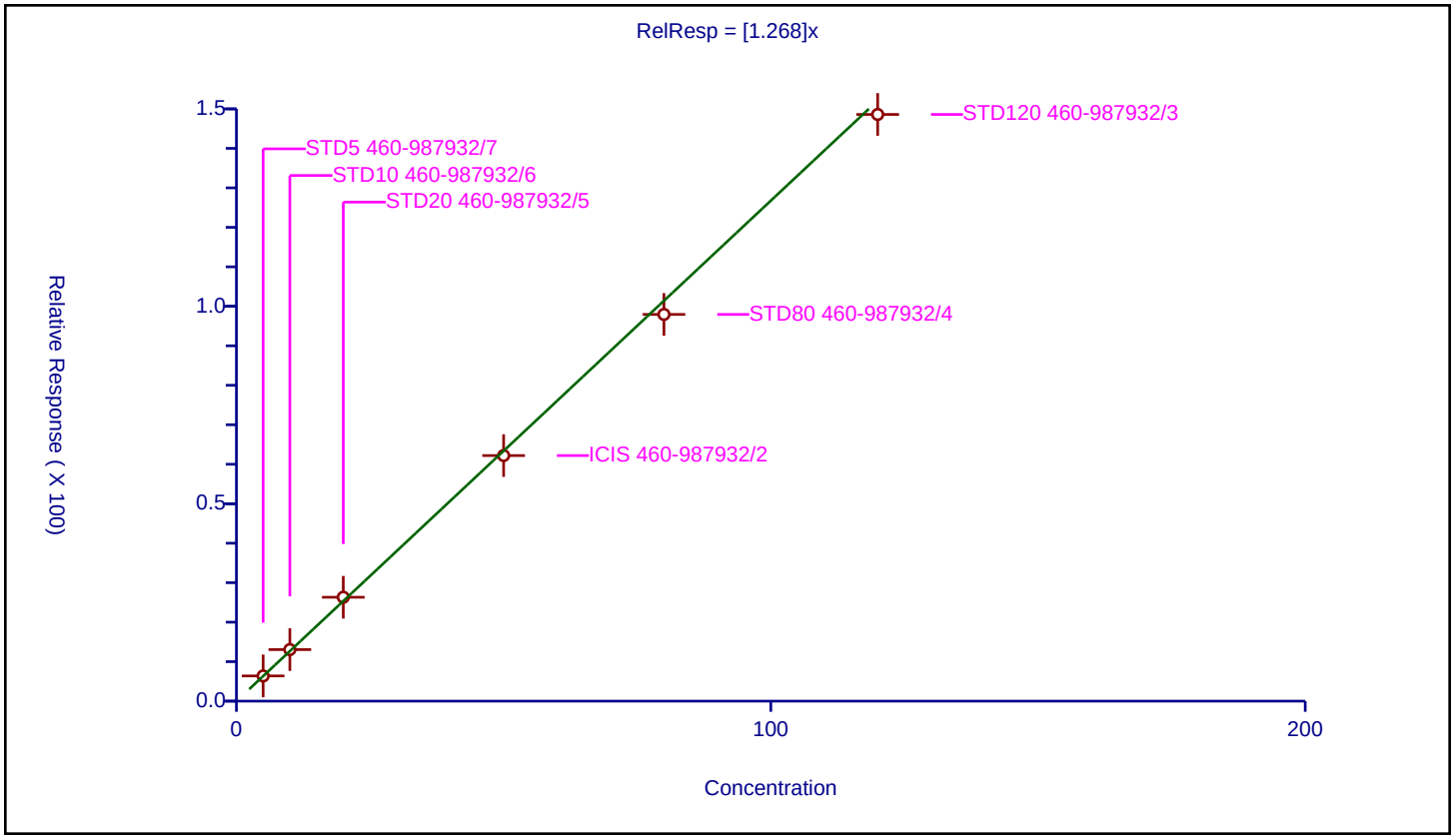
Curve Coefficients

Intercept:	0
Slope:	1.268

Error Coefficients

Relative Standard Deviation:	3.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-987932/7	5.0	6.38485	40.0	1835520.0	1.27697	Y
2	STD10 460-987932/6	10.0	13.057405	40.0	1812066.0	1.305741	Y
3	STD20 460-987932/5	20.0	26.313657	40.0	1816152.0	1.315683	Y
4	ICIS 460-987932/2	50.0	62.20061	40.0	1998864.0	1.244012	Y
5	STD80 460-987932/4	80.0	97.946752	40.0	1904358.0	1.224334	Y
6	STD120 460-987932/3	120.0	148.593423	40.0	1846931.0	1.238279	Y



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Calibration / Bis(2-ethylhexyl) phthalate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

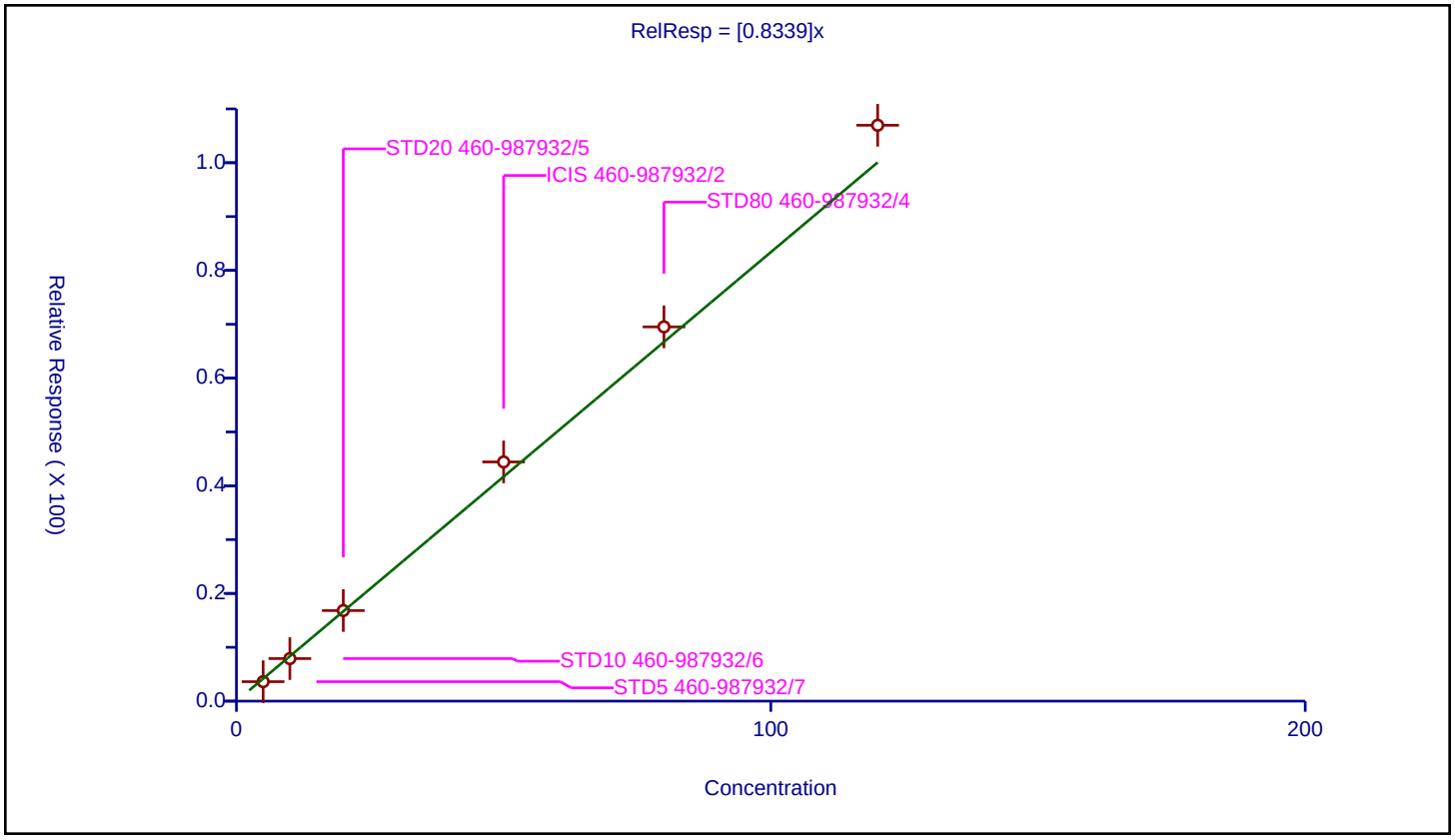
Curve Coefficients

Intercept:	0
Slope:	0.8339

Error Coefficients

Relative Standard Deviation:	7.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-987932/7	5.0	3.614583	40.0	1835520.0	0.722917	Y
2	STD10 460-987932/6	10.0	7.904569	40.0	1812066.0	0.790457	Y
3	STD20 460-987932/5	20.0	16.822403	40.0	1816152.0	0.84112	Y
4	ICIS 460-987932/2	50.0	44.427495	40.0	1998864.0	0.88855	Y
5	STD80 460-987932/4	80.0	69.515585	40.0	1904358.0	0.868945	Y
6	STD120 460-987932/3	120.0	106.96118	40.0	1846931.0	0.891343	Y



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Calibration / Di-n-octyl phthalate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

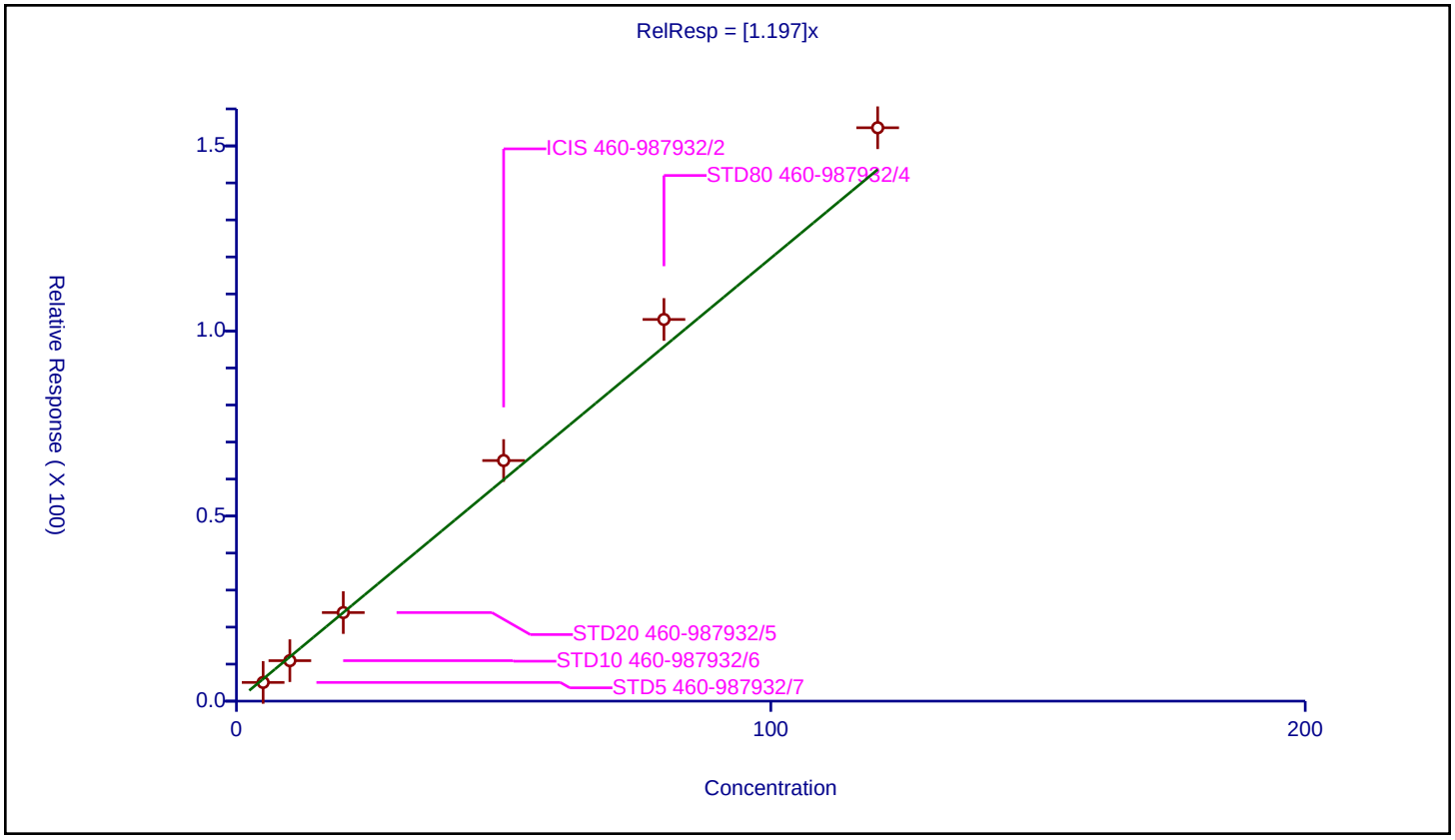
Curve Coefficients

Intercept:	0
Slope:	1.197

Error Coefficients

Relative Standard Deviation:	10.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD5 460-987932/7	5.0	5.055561	40.0	2090213.0	1.011112	Y
2	STD10 460-987932/6	10.0	10.934276	40.0	2089982.0	1.093428	Y
3	STD20 460-987932/5	20.0	23.927343	40.0	2092453.0	1.196367	Y
4	ICIS 460-987932/2	50.0	64.997132	40.0	2294676.0	1.299943	Y
5	STD80 460-987932/4	80.0	103.114286	40.0	2184867.0	1.288929	Y
6	STD120 460-987932/3	120.0	154.903007	40.0	2126658.0	1.290858	Y



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Calibration / Benzo[b]fluoranthene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

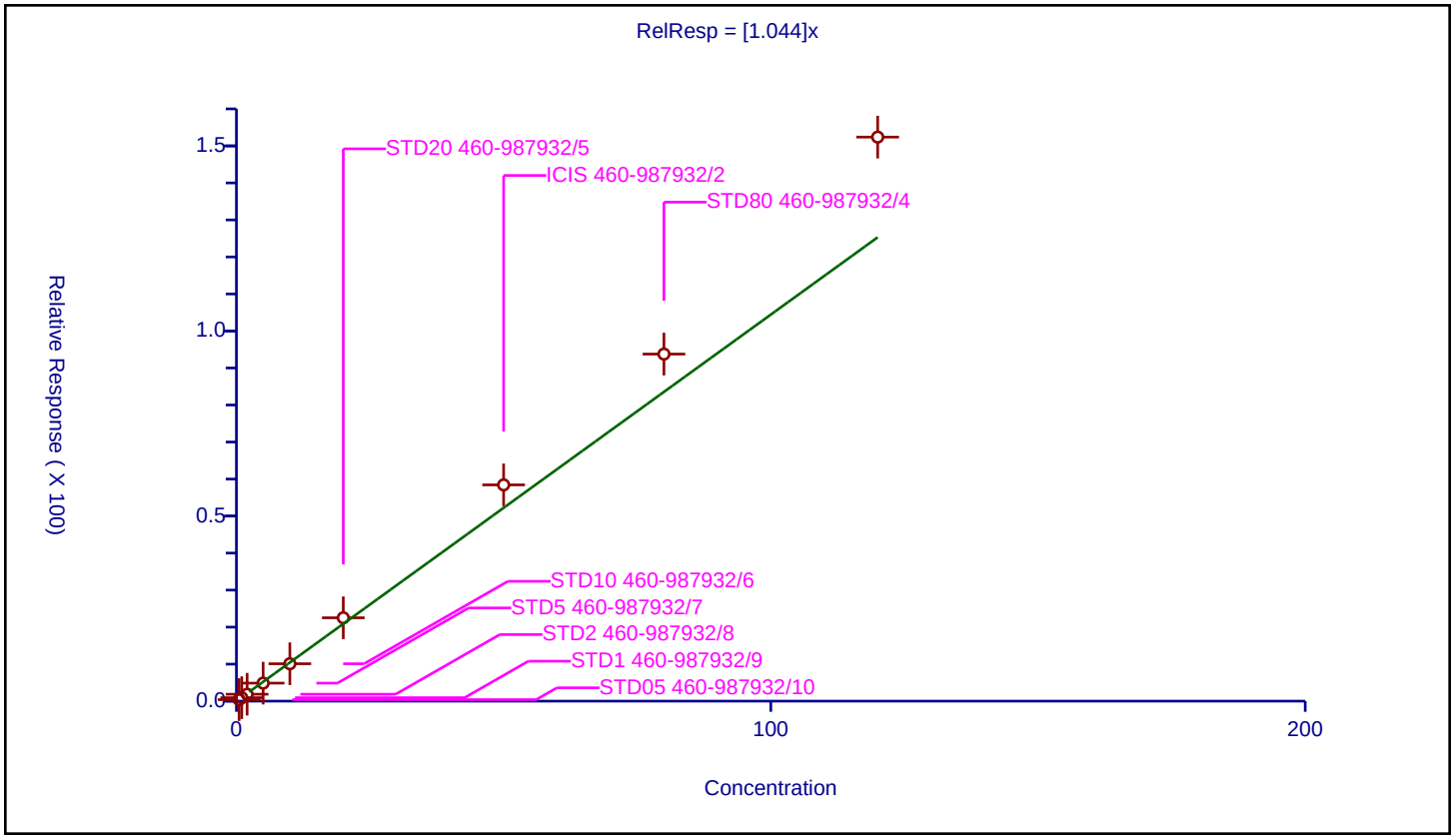
Curve Coefficients

Intercept:	0
Slope:	1.044

Error Coefficients

Relative Standard Deviation:	14.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-987932/10	0.5	0.406798	40.0	1918890.0	0.813595	Y
2	STD1 460-987932/9	1.0	0.932141	40.0	2036945.0	0.932141	Y
3	STD2 460-987932/8	2.0	1.865604	40.0	2012560.0	0.932802	Y
4	STD5 460-987932/7	5.0	4.867906	40.0	2090213.0	0.973581	Y
5	STD10 460-987932/6	10.0	10.100853	40.0	2089982.0	1.010085	Y
6	STD20 460-987932/5	20.0	22.515947	40.0	2092453.0	1.125797	Y
7	ICIS 460-987932/2	50.0	58.424754	40.0	2294676.0	1.168495	Y
8	STD80 460-987932/4	80.0	93.76168	40.0	2184867.0	1.172021	Y
9	STD120 460-987932/3	120.0	152.383166	40.0	2126658.0	1.26986	Y



Calibration / Benzo[k]fluoranthene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

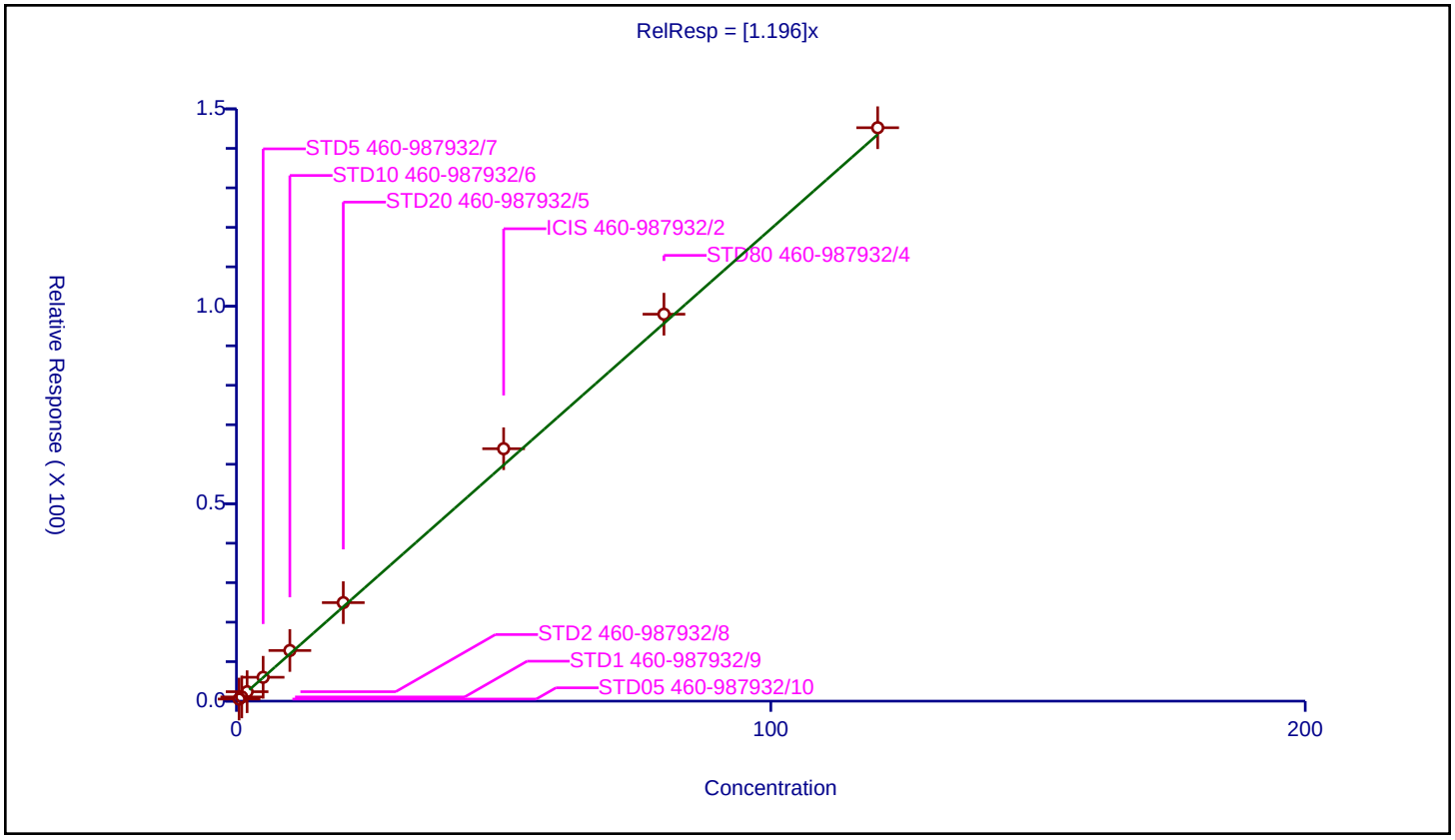
Curve Coefficients

Intercept:	0
Slope:	1.196

Error Coefficients

Relative Standard Deviation:	7.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-987932/10	0.5	0.527326	40.0	1918890.0	1.054651	Y
2	STD1 460-987932/9	1.0	1.061708	40.0	2036945.0	1.061708	Y
3	STD2 460-987932/8	2.0	2.388222	40.0	2012560.0	1.194111	Y
4	STD5 460-987932/7	5.0	6.044073	40.0	2090213.0	1.208815	Y
5	STD10 460-987932/6	10.0	12.827881	40.0	2089982.0	1.282788	Y
6	STD20 460-987932/5	20.0	24.946243	40.0	2092453.0	1.247312	Y
7	ICIS 460-987932/2	50.0	63.929287	40.0	2294676.0	1.278586	Y
8	STD80 460-987932/4	80.0	98.003146	40.0	2184867.0	1.225039	Y
9	STD120 460-987932/3	120.0	145.231457	40.0	2126658.0	1.210262	Y



9/9/2024
1:05:41 PM

Calibration / Benzo[a]pyrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

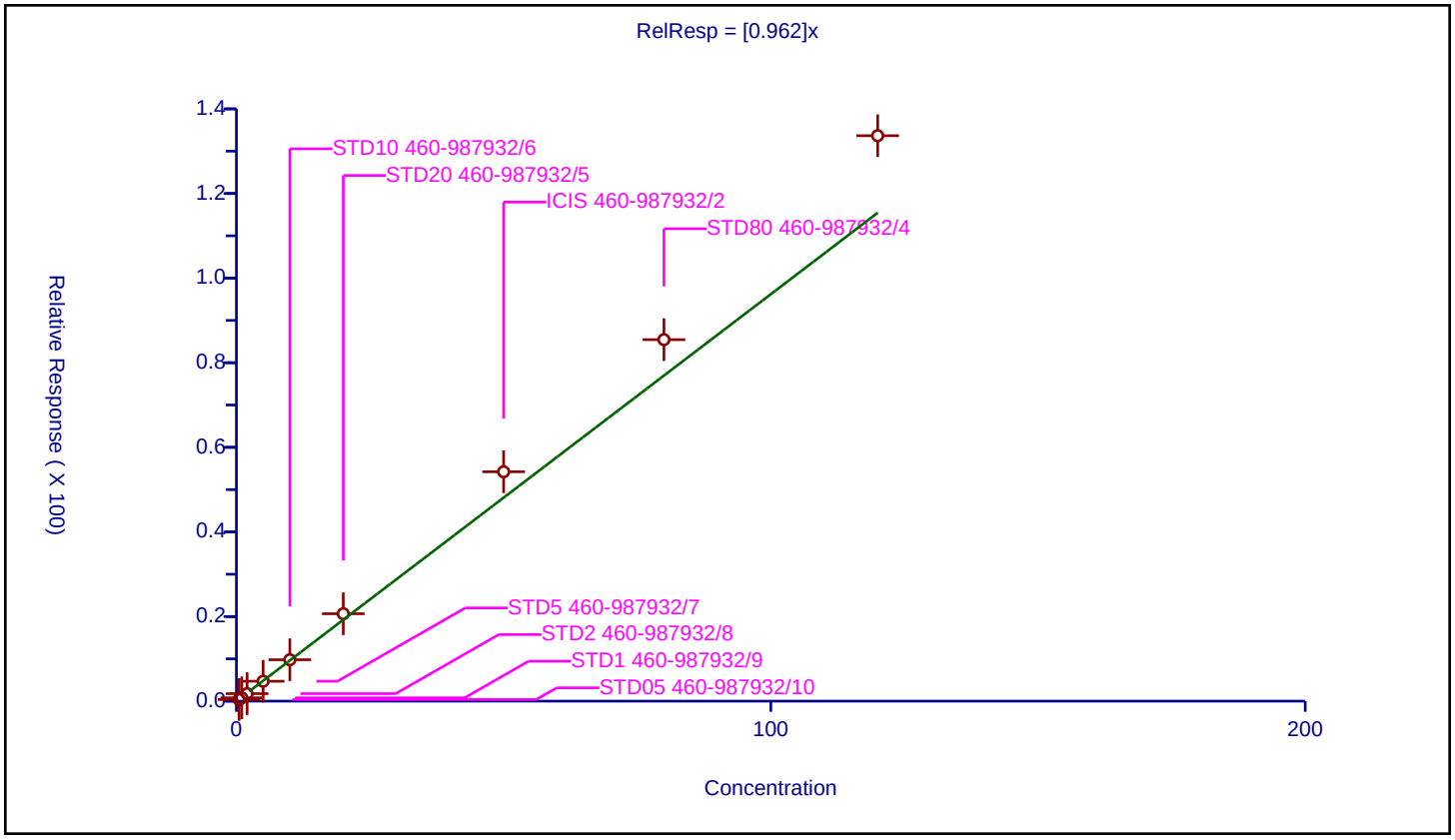
Curve Coefficients

Intercept:	0
Slope:	0.962

Error Coefficients

Relative Standard Deviation:	13.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-987932/10	0.5	0.384139	40.0	1918890.0	0.768277	Y
2	STD1 460-987932/9	1.0	0.784017	40.0	2036945.0	0.784017	Y
3	STD2 460-987932/8	2.0	1.771932	40.0	2012560.0	0.885966	Y
4	STD5 460-987932/7	5.0	4.705817	40.0	2090213.0	0.941163	Y
5	STD10 460-987932/6	10.0	9.786974	40.0	2089982.0	0.978697	Y
6	STD20 460-987932/5	20.0	20.659771	40.0	2092453.0	1.032989	Y
7	ICIS 460-987932/2	50.0	54.22315	40.0	2294676.0	1.084463	Y
8	STD80 460-987932/4	80.0	85.451938	40.0	2184867.0	1.068149	Y
9	STD120 460-987932/3	120.0	133.662752	40.0	2126658.0	1.113856	Y



9/9/2024
1:05:41 PM

Calibration / Indeno[1,2,3-cd]pyrene

Curve Type:	Quadratic
Weighting:	Conc_Sq
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

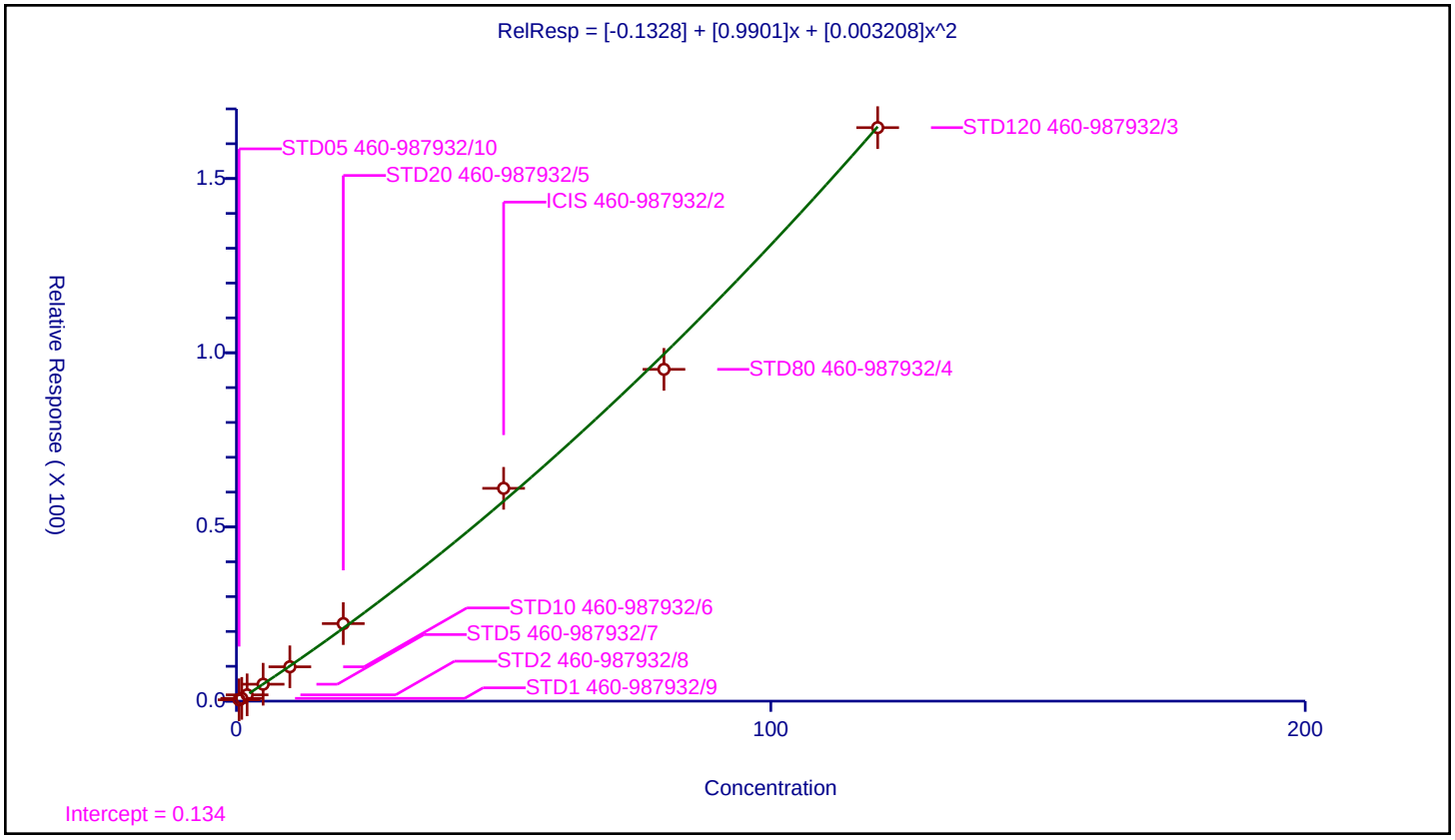
Curve Coefficients

Intercept:	-0.1328
Slope:	0.9901
Second Order:	0.003208

Error Coefficients

Relative Standard Deviation:	4.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-987932/10	0.5	0.382284	40.0	1918890.0	0.764567	Y
2	STD1 460-987932/9	1.0	0.796742	40.0	2036945.0	0.796742	Y
3	STD2 460-987932/8	2.0	1.807648	40.0	2012560.0	0.903824	Y
4	STD5 460-987932/7	5.0	4.861935	40.0	2090213.0	0.972387	Y
5	STD10 460-987932/6	10.0	9.855798	40.0	2089982.0	0.98558	Y
6	STD20 460-987932/5	20.0	22.259272	40.0	2092453.0	1.112964	Y
7	ICIS 460-987932/2	50.0	61.088101	40.0	2294676.0	1.221762	Y
8	STD80 460-987932/4	80.0	95.239005	40.0	2184867.0	1.190488	Y
9	STD120 460-987932/3	120.0	164.62126	40.0	2126658.0	1.371844	Y



9/9/2024
1:05:41 PM

Calibration / Dibenz(a,h)anthracene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

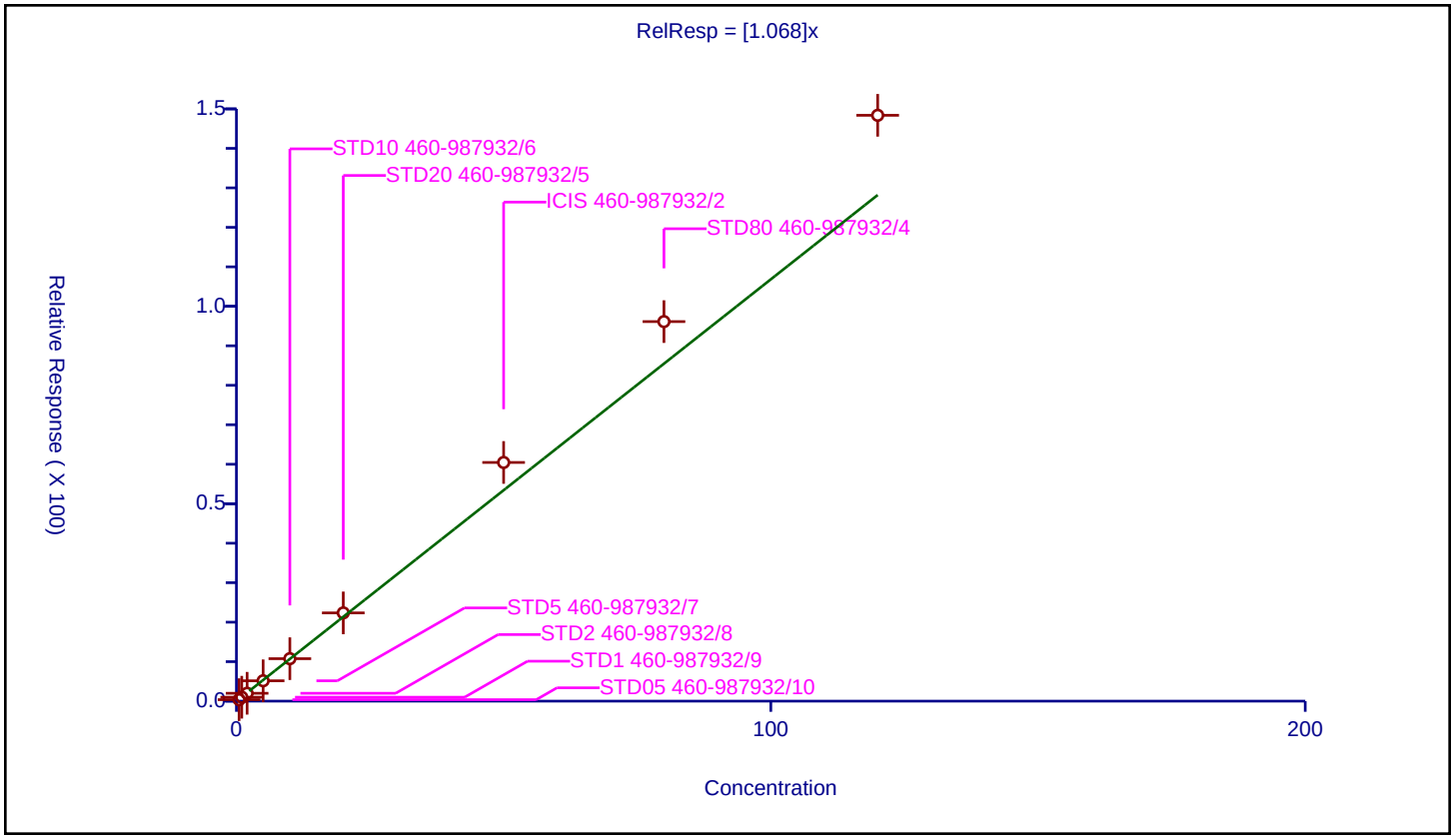
Curve Coefficients

Intercept:	0
Slope:	1.068

Error Coefficients

Relative Standard Deviation:	14.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-987932/10	0.5	0.374717	40.0	1918890.0	0.749433	Y
2	STD1 460-987932/9	1.0	0.995373	40.0	2036945.0	0.995373	Y
3	STD2 460-987932/8	2.0	1.995588	40.0	2012560.0	0.997794	Y
4	STD5 460-987932/7	5.0	5.157006	40.0	2090213.0	1.031401	Y
5	STD10 460-987932/6	10.0	10.757356	40.0	2089982.0	1.075736	Y
6	STD20 460-987932/5	20.0	22.353649	40.0	2092453.0	1.117682	Y
7	ICIS 460-987932/2	50.0	60.451271	40.0	2294676.0	1.209025	Y
8	STD80 460-987932/4	80.0	96.12684	40.0	2184867.0	1.201585	Y
9	STD120 460-987932/3	120.0	148.37199	40.0	2126658.0	1.236433	Y



9/9/2024
1:05:41 PM

Calibration / Benzo[g,h,i]perylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

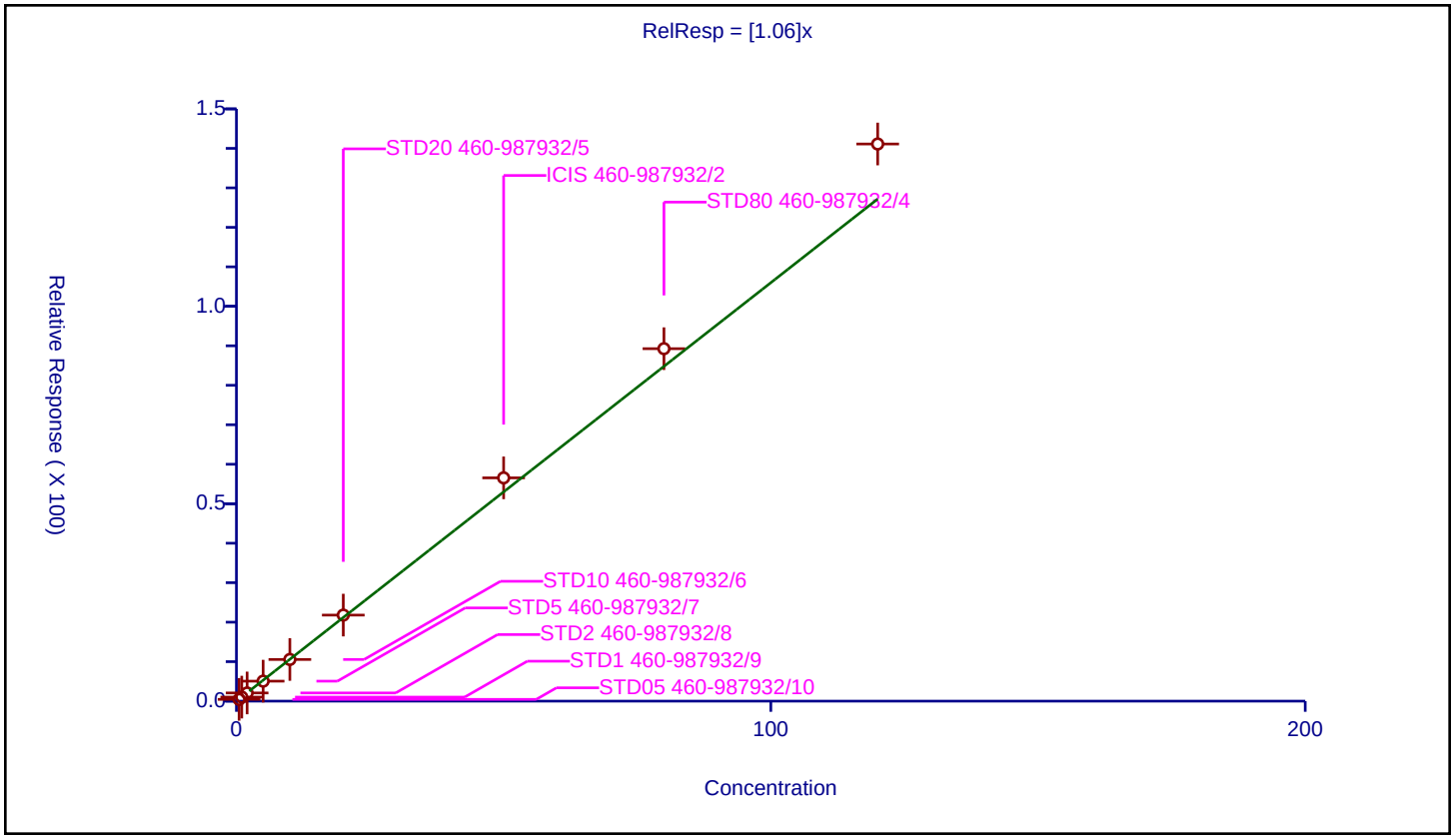
Curve Coefficients

Intercept:	0
Slope:	1.06

Error Coefficients

Relative Standard Deviation:	7.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD05 460-987932/10	0.5	0.449239	40.0	1918890.0	0.898478	Y
2	STD1 460-987932/9	1.0	1.023042	40.0	2036945.0	1.023042	Y
3	STD2 460-987932/8	2.0	2.073717	40.0	2012560.0	1.036859	Y
4	STD5 460-987932/7	5.0	5.060862	40.0	2090213.0	1.012172	Y
5	STD10 460-987932/6	10.0	10.554617	40.0	2089982.0	1.055462	Y
6	STD20 460-987932/5	20.0	21.792872	40.0	2092453.0	1.089644	Y
7	ICIS 460-987932/2	50.0	56.551478	40.0	2294676.0	1.13103	Y
8	STD80 460-987932/4	80.0	89.265955	40.0	2184867.0	1.115824	Y
9	STD120 460-987932/3	120.0	141.109497	40.0	2126658.0	1.175912	Y



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison | Job No.: 460-309671-1

SDG No.:

Lab Sample ID: ICV 460-989449/11 | Calibration Date: 08/08/2024 10:54

Instrument ID: CBNAMS11 | Calib Start Date: 08/08/2024 07:31

GC Column: Rtxi-5Sil MS ID: 0.25(mm) | Calib End Date: 08/08/2024 10:31

Lab File ID: Z87627.d | Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.4407	0.4894		55500	50000	11.1	30.0
N-Nitrosodimethylamine	Ave	0.6648	0.7623		57300	50000	14.7	30.0
Pyridine	Ave	1.071	1.176		110000	100000	9.8	30.0
Benzaldehyde	Ave	1.006	0.5089	0.0100	10100	20000	-49.4*	30.0
Phenol	Ave	1.733	1.799	0.8000	51900	50000	3.8	30.0
Aniline	Ave	1.893	1.976		52200	50000	4.4	30.0
Bis(2-chloroethyl)ether	Ave	1.206	1.275	0.7000	52800	50000	5.7	30.0
2-Chlorophenol	Ave	1.364	1.443	0.8000	52900	50000	5.8	30.0
n-Decane	Ave	1.239	1.287		51900	50000	3.9	30.0
1,3-Dichlorobenzene	Ave	1.494	1.556		52100	50000	4.1	30.0
1,4-Dichlorobenzene	Ave	1.533	1.585		51700	50000	3.4	30.0
Benzyl alcohol	Ave	0.8581	0.9298		54200	50000	8.4	30.0
1,2-Dichlorobenzene	Ave	1.451	1.519		52400	50000	4.7	30.0
2-Methylphenol	Ave	1.175	1.220	0.7000	51900	50000	3.8	30.0
2,2'-oxybis[1-chloropropane]	Ave	1.616	1.680	0.0100	52000	50000	4.0	30.0
N-Methylaniline	Ave	2.024	2.029		50100	50000	0.2	30.0
Acetophenone	Ave	1.857	1.946	0.0100	52400	50000	4.8	30.0
N-Nitrosodi-n-propylamine	Ave	0.9116	0.9661	0.5000	53000	50000	6.0	30.0
3 & 4 Methylphenol	Ave	1.268	1.332		52500	50000	5.0	30.0
4-Methylphenol	Ave	1.268	1.332	0.6000	52500	50000	5.0	30.0
Hexachloroethane	Ave	0.5255	0.5651	0.3000	53800	50000	7.5	30.0
Nitrobenzene	Ave	0.6480	0.6930	0.2000	53500	50000	6.9	30.0
n,n'-Dimethylaniline	Ave	2.057	2.039		49600	50000	-0.9	30.0
Isophorone	Ave	0.6499	0.6730	0.4000	51800	50000	3.6	30.0
2-Nitrophenol	Ave	0.1954	0.2064	0.1000	52800	50000	5.6	30.0
2,4-Dimethylphenol	Ave	0.2600	0.2741	0.2000	52700	50000	5.4	30.0
Bis(2-chloroethoxy)methane	Ave	0.4019	0.4182	0.3000	52000	50000	4.1	30.0
Benzoic acid	Lin2		0.2246		51200	50000	2.3	30.0
2,4-Dichlorophenol	Ave	0.3033	0.3232	0.2000	53300	50000	6.5	30.0
1,2,4-Trichlorobenzene	Ave	0.3434	0.3601		52400	50000	4.9	30.0
Naphthalene	Ave	1.026	1.058	0.7000	51600	50000	3.1	30.0
4-Chloroaniline	Ave	0.4315	0.4542	0.0100	52600	50000	5.3	30.0
Hexachlorobutadiene	Ave	0.2090	0.2193	0.0100	52500	50000	4.9	30.0
Caprolactam	Ave	0.1549	0.1565	0.0100	20200	20000	1.0	30.0
4-Chloro-3-methylphenol	Ave	0.2872	0.3069	0.2000	53400	50000	6.9	30.0
2-Methylnaphthalene	Ave	0.6937	0.7244	0.4000	52200	50000	4.4	30.0
1-Methylnaphthalene	Ave	0.6396	0.6657		52000	50000	4.1	30.0
Hexachlorocyclopentadiene	Ave	0.2808	0.3168	0.0500	56400	50000	12.8	30.0
1,2,4,5-Tetrachlorobenzene	Ave	0.6500	0.6742	0.0100	51900	50000	3.7	30.0
2-tertbutyl-4-methylphenol	Ave	0.4387	0.4514		51400	50000	2.9	30.0
2,4,6-Trichlorophenol	Ave	0.4132	0.4440	0.2000	53700	50000	7.5	30.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Lab Sample ID: ICV 460-989449/11 Calibration Date: 08/08/2024 10:54

Instrument ID: CBNAMS11 Calib Start Date: 08/08/2024 07:31

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 08/08/2024 10:31

Lab File ID: Z87627.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,4,5-Trichlorophenol	Ave	0.4652	0.4899	0.2000	52700	50000	5.3	30.0
1,1'-Biphenyl	Ave	1.487	1.511	0.0100	50800	50000	1.6	30.0
2-Chloronaphthalene	Ave	1.184	1.217	0.8000	51400	50000	2.7	30.0
Phenyl ether	Ave	0.8793	0.8702		49500	50000	-1.0	30.0
2-Nitroaniline	Ave	0.3378	0.3506	0.0100	51900	50000	3.8	30.0
1,3-Dimethylnaphthalene	Ave	0.9605	0.9485		49400	50000	-1.3	30.0
Coumarin	Ave	0.2688	0.2740		51000	50000	1.9	30.0
Dimethyl phthalate	Ave	1.372	1.411	0.0100	51400	50000	2.8	30.0
2,6-Dinitrotoluene	Ave	0.3127	0.3388	0.2000	54200	50000	8.3	30.0
Acenaphthylene	Ave	1.804	1.856	0.9000	51500	50000	2.9	30.0
3-Nitroaniline	Ave	0.3884	0.4021	0.0100	51800	50000	3.5	30.0
Acenaphthene	Ave	1.092	1.112	0.9000	50900	50000	1.9	30.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.020	1.059		51900	50000	3.8	30.0
2,4-Dinitrophenol	Lin2		0.2177	0.0100	107000	100000	7.2	30.0
4-Nitrophenol	Ave	0.2138	0.2330	0.0100	109000	100000	9.0	30.0
Dibenzofuran	Ave	1.713	1.775	0.8000	51800	50000	3.6	30.0
2,4-Dinitrotoluene	Ave	0.4260	0.4629	0.2000	54300	50000	8.7	30.0
2,3,4,6-Tetrachlorophenol	Ave	0.3943	0.4180	0.0100	53000	50000	6.0	30.0
Diethyl phthalate	Ave	1.357	1.412	0.0100	52000	50000	4.0	30.0
Fluorene	Ave	1.353	1.392	0.9000	51400	50000	2.9	30.0
4-Chlorophenyl phenyl ether	Ave	0.7015	0.7321	0.4000	52200	50000	4.4	30.0
4-Nitroaniline	Ave	0.3476	0.3729	0.0100	53600	50000	7.3	30.0
4,6-Dinitro-2-methylphenol	Ave	0.1334	0.1535	0.0100	115000	100000	15.0	30.0
N-Nitrosodiphenylamine	Ave	0.5074	0.5204	0.0100	51300	50000	2.6	30.0
1,2-Diphenylhydrazine	Ave	0.6255	0.6344		50700	50000	1.4	30.0
Azobenzene	Ave	0.6240	0.6337		50800	50000	1.6	20.0
4-Bromophenyl phenyl ether	Ave	0.2362	0.2457	0.1000	52000	50000	4.0	30.0
Hexachlorobenzene	Ave	0.3208	0.3346	0.1000	52200	50000	4.3	30.0
Atrazine	Ave	0.2136	0.2211	0.0100	20700	20000	3.5	30.0
Pentachlorophenol	Ave	0.1790	0.2030	0.0500	113000	100000	13.4	30.0
Pentachloronitrobenzene	Ave	0.0969	0.1002	0.0100	51700	50000	3.3	30.0
n-Octadecane	Ave	0.3897	0.4016		51500	50000	3.0	30.0
Phenanthrene	Ave	1.007	1.024	0.7000	50800	50000	1.7	30.0
Anthracene	Ave	1.037	1.074	0.7000	51800	50000	3.6	30.0
Carbazole	Ave	0.9451	0.9821	0.0100	52000	50000	3.9	30.0
Di-n-butyl phthalate	Ave	1.101	1.177	0.0100	53500	50000	6.9	30.0
Fluoranthene	Ave	1.113	1.160	0.6000	52100	50000	4.2	30.0
Benzidine	Ave	0.5494	0.5436		49500	50000	-1.1	30.0
Pyrene	Ave	1.320	1.360	0.6000	51500	50000	3.0	30.0
Bisphenol-A	Ave	0.5847	0.6000		51300	50000	2.6	30.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Lab Sample ID: ICV 460-989449/11 Calibration Date: 08/08/2024 10:54

Instrument ID: CBNAMS11 Calib Start Date: 08/08/2024 07:31

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 08/08/2024 10:31

Lab File ID: Z87627.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Butyl benzyl phthalate	Ave	0.5312	0.5781	0.0100	54400	50000	8.8	30.0
Carbamazepine	Ave	0.4896	0.5210		53200	50000	6.4	30.0
3,3'-Dichlorobenzidine	Ave	0.5261	0.5513	0.0100	52400	50000	4.8	30.0
Benzo[a]anthracene	Ave	1.315	1.351	0.8000	51400	50000	2.8	30.0
Chrysene	Ave	1.249	1.308	0.7000	52400	50000	4.7	30.0
Bis(2-ethylhexyl) phthalate	Ave	0.7390	0.8040	0.0100	54400	50000	8.8	30.0
Di-n-octyl phthalate	Ave	1.001	1.103	0.0100	55100	50000	10.2	30.0
Benzo[b]fluoranthene	Ave	1.077	1.174		54500	50000	9.0	30.0
Benzo[k]fluoranthene	Ave	1.168	1.258	0.7000	53800	50000	7.7	30.0
Benzo[a]pyrene	Ave	1.005	1.121	0.7000	55800	50000	11.5	30.0
Indeno[1,2,3-cd]pyrene	Ave	1.163	1.317	0.5000	56600	50000	13.2	30.0
Dibenz(a,h)anthracene	Ave	1.165	1.304	0.4000	56000	50000	12.0	30.0
Benzo[g,h,i]perylene	Ave	1.097	1.205	0.5000	54900	50000	9.8	30.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20240808-179362.b\Z87627.d
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 08-Aug-2024 10:54:30 ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0179362-011
Operator ID: Instrument ID: CBNAMS11
Sublist:

Method: \\chromfs\Edison\ChromData\CBNAMS11\20240808-179362.b\8270_11R_9.m
Limit Group: SV 8270E ICAL
Last Update: 08-Aug-2024 11:49:43 Calib Date: 08-Aug-2024 10:31:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS11\20240808-179362.b\Z87626.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1667

First Level Reviewer: G4KC Date: 08-Aug-2024 11:50:03

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.262	1.262	0.000	94	183971	50.0	55.5	
	2 N-Nitrosodimethylamine	74	1.463	1.460	0.003	93	286546	50.0	57.3	
	3 Pyridine	79	1.476	1.472	0.004	94	884394	100.0	109.8	
	5 Benzaldehyde	77	3.291	3.292	-0.001	96	76518	20.0	10.1	
	7 Phenol	94	3.390	3.394	-0.004	96	676053	50.0	51.9	
	8 Aniline	93	3.400	3.401	0.000	98	742735	50.0	52.2	
	9 Bis(2-chloroethyl)ether	93	3.480	3.480	0.000	98	479101	50.0	52.8	
	11 2-Chlorophenol	128	3.515	3.516	-0.001	98	542417	50.0	52.9	
	12 n-Decane	43	3.579	3.580	-0.001	91	483735	50.0	51.9	
	13 1,3-Dichlorobenzene	146	3.665	3.666	-0.001	96	584902	50.0	52.1	
*	14 1,4-Dichlorobenzene-d4	152	3.726	3.727	0.000	94	300700	40.0	40.0	
	15 1,4-Dichlorobenzene	146	3.742	3.742	0.000	95	595907	50.0	51.7	
	16 Benzyl alcohol	108	3.879	3.880	-0.001	95	349485	50.0	54.2	
	17 1,2-Dichlorobenzene	146	3.889	3.889	0.000	97	571059	50.0	52.4	
	18 2-Methylphenol	108	3.998	3.998	0.000	91	458549	50.0	51.9	
	19 2,2'-oxybis[1-chloropropane]	45	4.013	4.014	-0.001	95	631387	50.0	52.0	a
	20 N-Methylaniline	106	4.132	4.132	0.000	98	762656	50.0	50.1	a
	22 Acetophenone	105	4.141	4.142	-0.001	93	731624	50.0	52.4	
	21 N-Nitrosodi-n-propylamine	70	4.151	4.155	-0.004	87	363125	50.0	53.0	
	23 3 & 4 Methylphenol	108	4.164	4.164	0.000	73	500713	50.0	52.5	
	24 4-Methylphenol	108	4.164	4.164	0.000	96	500713	50.0	52.5	
	25 Hexachloroethane	117	4.218	4.219	-0.001	94	212393	50.0	53.8	
	28 n,n'-Dimethylaniline	120	4.308	4.308	0.000	98	766579	50.0	49.6	
	27 Nitrobenzene	123	4.304	4.308	-0.004	99	260492	50.0	53.5	
	31 Isophorone	82	4.550	4.551	-0.001	99	968258	50.0	51.8	
	32 2-Nitrophenol	139	4.617	4.618	-0.001	97	297003	50.0	52.8	
	33 2,4-Dimethylphenol	122	4.681	4.682	-0.001	92	394282	50.0	52.7	
	34 Bis(2-chloroethoxy)methane	93	4.777	4.778	-0.001	99	601668	50.0	52.0	
	35 Benzoic acid	122	4.844	4.838	0.006	89	323122	50.0	51.2	
	36 2,4-Dichlorophenol	162	4.857	4.858	-0.001	97	464931	50.0	53.3	
	37 1,2,4-Trichlorobenzene	180	4.930	4.931	-0.001	94	518026	50.0	52.4	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
* 38 Naphthalene-d8	136	4.982	4.982	0.000	99	1150906	40.0	40.0	
39 Naphthalene	128	5.004	5.005	-0.001	99	1521386	50.0	51.6	
40 4-Chloroaniline	127	5.074	5.075	-0.001	95	653421	50.0	52.6	
133 2,6-Dichlorophenol	162	5.074	5.075	-0.001	92	458323	50.0	52.9	
41 Hexachlorobutadiene	225	5.132	5.133	-0.001	99	315498	50.0	52.5	
42 Caprolactam	55	5.515	5.497	0.018	93	90035	20.0	20.2	M
43 4-Chloro-3-methylphenol	107	5.566	5.567	-0.001	95	441489	50.0	53.4	
44 2-Methylnaphthalene	142	5.678	5.682	-0.004	85	1042206	50.0	52.2	
45 1-Methylnaphthalene	142	5.771	5.775	-0.004	92	957764	50.0	52.0	
46 Hexachlorocyclopentadiene	237	5.835	5.836	-0.001	99	264629	50.0	56.4	
47 1,2,4,5-Tetrachlorobenzene	216	5.844	5.845	-0.001	99	563204	50.0	51.9	
48 2-tertbutyl-4-methylphenol	149	5.905	5.906	-0.001	92	649411	50.0	51.4	
49 2,4,6-Trichlorophenol	196	5.963	5.964	-0.001	93	370903	50.0	53.7	
50 2,4,5-Trichlorophenol	196	5.995	5.996	-0.001	99	409228	50.0	52.7	
52 1,1'-Biphenyl	154	6.139	6.140	-0.001	97	1262198	50.0	50.8	
53 2-Chloronaphthalene	162	6.145	6.149	-0.004	98	1016259	50.0	51.4	
54 Phenyl ether	170	6.241	6.245	-0.004	84	726984	50.0	49.5	
55 2-Nitroaniline	65	6.263	6.264	-0.001	91	292890	50.0	51.9	
57 1,3-Dimethylnaphthalene	156	6.362	6.364	-0.002	97	792333	50.0	49.4	
59 Coumarin	146	6.458	6.456	0.002	83	394136	50.0	51.0	
58 Dimethyl phthalate	163	6.462	6.459	0.003	99	1178810	50.0	51.4	
60 2,6-Dinitrotoluene	165	6.510	6.511	-0.001	94	283063	50.0	54.2	
63 Acenaphthylene	152	6.538	6.539	-0.001	98	1550405	50.0	51.5	
64 3-Nitroaniline	65	6.663	6.661	0.002	98	335919	50.0	51.8	
* 65 Acenaphthene-d10	164	6.676	6.677	-0.001	95	668302	40.0	40.0	
67 Acenaphthene	154	6.708	6.709	-0.001	95	928842	50.0	50.9	
66 3,5-di-tert-butyl-4-hydroxytol	205	6.727	6.728	-0.001	96	884537	50.0	51.9	
68 2,4-Dinitrophenol	184	6.772	6.773	-0.001	94	363707	100.0	107.2	
69 4-Nitrophenol	65	6.852	6.853	-0.001	93	389275	100.0	109.0	
71 Dibenzofuran	168	6.874	6.875	-0.001	98	1482786	50.0	51.8	
70 2,4-Dinitrotoluene	165	6.893	6.895	-0.002	97	386673	50.0	54.3	
72 2,3,4,6-Tetrachlorophenol	232	6.999	7.000	-0.001	98	349152	50.0	53.0	
73 Diethyl phthalate	149	7.136	7.138	-0.002	99	1179202	50.0	52.0	
74 Fluorene	166	7.201	7.202	-0.001	94	1162696	50.0	51.4	
75 4-Chlorophenyl phenyl ether	204	7.213	7.214	-0.001	94	611617	50.0	52.2	
76 4-Nitroaniline	138	7.258	7.256	0.002	86	311508	50.0	53.6	
77 4,6-Dinitro-2-methylphenol	198	7.284	7.285	-0.001	94	515689	100.0	115.0	
78 N-Nitrosodiphenylamine	169	7.335	7.336	-0.001	68	874350	50.0	51.3	
134 Azobenzene	77	7.367	7.368	-0.001	97	1064713	50.0	50.8	
79 1,2-Diphenylhydrazine	77	7.367	7.368	-0.001	50	1065732	50.0	50.7	
81 4-Bromophenyl phenyl ether	248	7.677	7.675	0.002	98	412842	50.0	52.0	
82 Hexachlorobenzene	284	7.718	7.720	-0.002	92	562175	50.0	52.2	
83 Atrazine	200	7.862	7.860	0.002	95	148578	20.0	20.7	
84 Pentachlorophenol	266	7.917	7.918	-0.001	96	682163	100.0	113.4	
85 Pentachloronitrobenzene	237	7.926	7.928	-0.002	95	168294	50.0	51.7	
86 n-Octadecane	57	8.042	8.043	-0.001	91	674641	50.0	51.5	
* 87 Phenanthrene-d10	188	8.086	8.085	0.001	98	1344028	40.0	40.0	
88 Phenanthrene	178	8.109	8.110	-0.001	98	1719779	50.0	50.8	
89 Anthracene	178	8.157	8.158	-0.001	98	1804558	50.0	51.8	
90 Carbazole	167	8.323	8.325	-0.002	96	1649923	50.0	52.0	
91 Di-n-butyl phthalate	149	8.690	8.692	-0.002	99	1977138	50.0	53.5	
92 Fluoranthene	202	9.233	9.235	-0.002	98	1948789	50.0	52.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
93 Benzidine	184	9.384	9.385	-0.001	99	913246	50.0	49.5	
94 Pyrene	202	9.444	9.446	-0.002	97	2011179	50.0	51.5	
95 Bisphenol-A	213	9.531	9.532	-0.001	98	887457	50.0	51.3	
97 Butyl benzyl phthalate	149	10.115	10.117	-0.002	96	855140	50.0	54.4	
99 Carbamazepine	193	10.195	10.198	-0.003	93	770620	50.0	53.2	
100 3,3'-Dichlorobenzidine	252	10.620	10.623	-0.003	98	815453	50.0	52.4	
101 Benzo[a]anthracene	228	10.624	10.623	0.001	99	1998639	50.0	51.4	
* 102 Chrysene-d12	240	10.636	10.639	-0.003	99	1183281	40.0	40.0	
103 Chrysene	228	10.665	10.664	0.001	98	1934798	50.0	52.4	
104 Bis(2-ethylhexyl) phthalate	149	10.726	10.725	0.001	86	1189253	50.0	54.4	
105 Di-n-octyl phthalate	149	11.474	11.476	-0.002	96	1931565	50.0	55.1	
106 Benzo[b]fluoranthene	252	11.844	11.846	-0.002	99	2055959	50.0	54.5	
107 Benzo[k]fluoranthene	252	11.879	11.882	-0.003	99	2203356	50.0	53.8	
108 Benzo[a]pyrene	252	12.244	12.246	-0.002	97	1962551	50.0	55.8	
* 109 Perylene-d12	264	12.317	12.316	0.001	100	1400966	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	13.722	13.722	0.000	99	2305576	50.0	56.6	
111 Dibenz(a,h)anthracene	278	13.761	13.760	0.001	99	2284159	50.0	56.0	
112 Benzo[g,h,i]perylene	276	14.068	14.071	-0.003	98	2109765	50.0	54.9	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SV_BNA_ICV_00011 Amount Added: 1.00 Units: mL

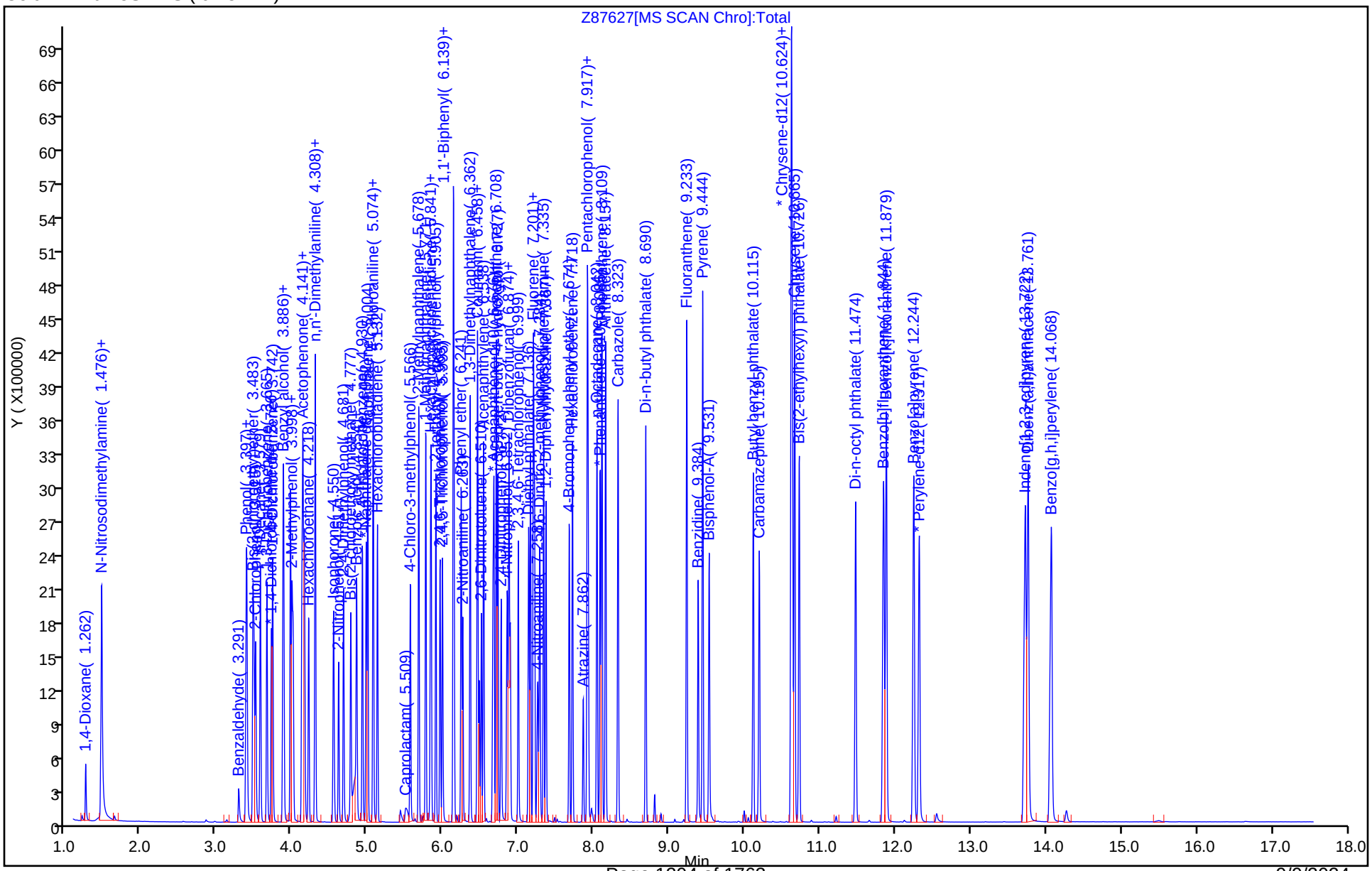
Report Date: 08-Aug-2024 11:50:04 Chrom Revision: 2.3 16-Jul-2024 14:17:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20240808-179362.b\Z87627.d

Injection Date:	08-Aug-2024 10:54:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	ICV			Worklist Smp#:	11
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	8270_11R_9	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



9/9/2024
1:05:41 PM

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison | Job No.: 460-309671-1

SDG No.:

Lab Sample ID: CCVIS 460-991830/2 | Calibration Date: 08/22/2024 06:49

Instrument ID: CBNAMS11 | Calib Start Date: 08/08/2024 07:31

GC Column: Rtxi-5Sil MS ID: 0.25(mm) | Calib End Date: 08/08/2024 10:31

Lab File ID: Z87892.d | Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.4407	0.4420		50200	50000	0.3	20.0
N-Nitrosodimethylamine	Ave	0.6648	0.6514		49000	50000	-2.0	20.0
Pyridine	Ave	1.071	1.024		95500	100000	-4.5	20.0
Benzaldehyde	Ave	1.006	0.5516	0.0100	11000	20000	-45.2*	20.0
Aniline	Ave	1.893	1.822		48100	50000	-3.8	20.0
Phenol	Ave	1.733	1.710	0.8000	49300	50000	-1.4	20.0
Bis(2-chloroethyl)ether	Ave	1.206	1.222	0.7000	50700	50000	1.3	20.0
2-Chlorophenol	Ave	1.364	1.369	0.8000	50200	50000	0.3	20.0
n-Decane	Ave	1.239	1.183		47800	50000	-4.5	20.0
1,3-Dichlorobenzene	Ave	1.494	1.510		50500	50000	1.1	20.0
1,4-Dichlorobenzene	Ave	1.533	1.533		50000	50000	0.0	20.0
Benzyl alcohol	Ave	0.8581	0.8564		49900	50000	-0.2	20.0
1,2-Dichlorobenzene	Ave	1.451	1.444		49800	50000	-0.4	20.0
2-Methylphenol	Ave	1.175	1.160	0.7000	49400	50000	-1.3	20.0
2,2'-oxybis[1-chloropropane]	Ave	1.616	1.576	0.0100	48800	50000	-2.5	20.0
N-Methylaniline	Ave	2.024	2.048		50600	50000	1.2	20.0
Acetophenone	Ave	1.857	1.868	0.0100	50300	50000	0.6	20.0
N-Nitrosodi-n-propylamine	Ave	0.9116	0.9161	0.5000	50200	50000	0.5	20.0
3 & 4 Methylphenol	Ave	1.268	1.235		48700	50000	-2.6	20.0
4-Methylphenol	Ave	1.268	1.235	0.6000	48700	50000	-2.6	20.0
Hexachloroethane	Ave	0.5255	0.5290	0.3000	50300	50000	0.7	20.0
n,n'-Dimethylaniline	Ave	2.057	2.052		49900	50000	-0.2	20.0
Nitrobenzene	Ave	0.6480	0.6693	0.2000	51600	50000	3.3	20.0
Isophorone	Ave	0.6499	0.6412	0.4000	49300	50000	-1.3	20.0
2-Nitrophenol	Ave	0.1954	0.2018	0.1000	51600	50000	3.3	20.0
2,4-Dimethylphenol	Ave	0.2600	0.2586	0.2000	49700	50000	-0.5	20.0
Bis(2-chloroethoxy)methane	Ave	0.4019	0.3997	0.3000	49700	50000	-0.5	20.0
Benzoic acid	Lin2		0.2178		49700	50000	-0.6	20.0
2,4-Dichlorophenol	Ave	0.3033	0.3130	0.2000	51600	50000	3.2	20.0
1,2,4-Trichlorobenzene	Ave	0.3434	0.3501		51000	50000	1.9	20.0
Naphthalene	Ave	1.026	1.027	0.7000	50100	50000	0.2	20.0
4-Chloroaniline	Ave	0.4315	0.4222	0.0100	48900	50000	-2.2	20.0
Hexachlorobutadiene	Ave	0.2090	0.2165	0.0100	51800	50000	3.6	20.0
Caprolactam	Ave	0.1549	0.1504	0.0100	19400	20000	-2.9	20.0
4-Chloro-3-methylphenol	Ave	0.2872	0.2918	0.2000	50800	50000	1.6	20.0
2-Methylnaphthalene	Ave	0.6937	0.6964	0.4000	50200	50000	0.4	20.0
1-Methylnaphthalene	Ave	0.6396	0.6408		50100	50000	0.2	20.0
Hexachlorocyclopentadiene	Ave	0.2808	0.3198	0.0500	56900	50000	13.9	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.6500	0.6648	0.0100	51100	50000	2.3	20.0
2-tertbutyl-4-methylphenol	Ave	0.4387	0.4471		51000	50000	1.9	20.0
2,4,6-Trichlorophenol	Ave	0.4132	0.4247	0.2000	51400	50000	2.8	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison | Job No.: 460-309671-1

SDG No.:

Lab Sample ID: CCVIS 460-991830/2 | Calibration Date: 08/22/2024 06:49

Instrument ID: CBNAMS11 | Calib Start Date: 08/08/2024 07:31

GC Column: Rtxi-5Sil MS ID: 0.25(mm) | Calib End Date: 08/08/2024 10:31

Lab File ID: Z87892.d | Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,4,5-Trichlorophenol	Ave	0.4652	0.4699	0.2000	50500	50000	1.0	20.0
1,1'-Biphenyl	Ave	1.487	1.490	0.0100	50100	50000	0.2	20.0
2-Chloronaphthalene	Ave	1.184	1.182	0.8000	49900	50000	-0.2	20.0
Phenyl ether	Ave	0.8793	0.8885		50500	50000	1.1	20.0
2-Nitroaniline	Ave	0.3378	0.3184	0.0100	47100	50000	-5.8	20.0
1,3-Dimethylnaphthalene	Ave	0.9605	0.9651		50200	50000	0.5	20.0
Coumarin	Ave	0.2688	0.2574		47900	50000	-4.2	20.0
Dimethyl phthalate	Ave	1.372	1.333	0.0100	48600	50000	-2.8	20.0
2,6-Dinitrotoluene	Ave	0.3127	0.3201	0.2000	51200	50000	2.3	20.0
Acenaphthylene	Ave	1.804	1.795	0.9000	49800	50000	-0.5	20.0
3-Nitroaniline	Ave	0.3884	0.3637	0.0100	46800	50000	-6.4	20.0
Acenaphthene	Ave	1.092	1.086	0.9000	49700	50000	-0.5	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	1.020	1.088		53400	50000	6.7	20.0
2,4-Dinitrophenol	Lin2		0.2056	0.0100	101000	100000	1.4	20.0
4-Nitrophenol	Ave	0.2138	0.2148	0.0100	100000	100000	0.5	20.0
Dibenzofuran	Ave	1.713	1.694	0.8000	49500	50000	-1.1	20.0
2,4-Dinitrotoluene	Ave	0.4260	0.4305	0.2000	50500	50000	1.1	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.3943	0.3964	0.0100	50300	50000	0.5	20.0
Diethyl phthalate	Ave	1.357	1.292	0.0100	47600	50000	-4.8	20.0
Fluorene	Ave	1.353	1.332	0.9000	49200	50000	-1.5	20.0
4-Chlorophenyl phenyl ether	Ave	0.7015	0.6973	0.4000	49700	50000	-0.6	20.0
4-Nitroaniline	Ave	0.3476	0.3176	0.0100	45700	50000	-8.6	20.0
4,6-Dinitro-2-methylphenol	Ave	0.1334	0.1484	0.0100	111000	100000	11.2	20.0
N-Nitrosodiphenylamine	Ave	0.5074	0.5143	0.0100	50700	50000	1.4	20.0
1,2-Diphenylhydrazine	Ave	0.6255	0.6255		50000	50000	-0.0	20.0
Azobenzene	Ave	0.6240	0.6245		50000	50000	0.0	20.0
4-Bromophenyl phenyl ether	Ave	0.2362	0.2460	0.1000	52100	50000	4.2	20.0
Hexachlorobenzene	Ave	0.3208	0.3355	0.1000	52300	50000	4.6	20.0
Atrazine	Ave	0.2136	0.2281	0.0100	21400	20000	6.8	20.0
Pentachlorophenol	Ave	0.1790	0.1886	0.0500	105000	100000	5.4	20.0
Pentachloronitrobenzene	Ave	0.0969	0.1023	0.0100	52700	50000	5.5	20.0
n-Octadecane	Ave	0.3897	0.3882		49800	50000	-0.4	20.0
Phenanthrene	Ave	1.007	1.013	0.7000	50300	50000	0.6	20.0
Anthracene	Ave	1.037	1.047	0.7000	50500	50000	1.0	20.0
Carbazole	Ave	0.9451	0.9276	0.0100	49100	50000	-1.9	20.0
Di-n-butyl phthalate	Ave	1.101	1.114	0.0100	50600	50000	1.2	20.0
Fluoranthene	Ave	1.113	1.113	0.6000	50000	50000	0.0	20.0
Benzidine	Ave	0.5494	0.4603		41900	50000	-16.2	20.0
Pyrene	Ave	1.320	1.322	0.6000	50100	50000	0.2	20.0
Bisphenol-A	Ave	0.5847	0.6041		51700	50000	3.3	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison | Job No.: 460-309671-1

SDG No.:

Lab Sample ID: CCVIS 460-991830/2 | Calibration Date: 08/22/2024 06:49

Instrument ID: CBNAMS11 | Calib Start Date: 08/08/2024 07:31

GC Column: Rtxi-5Sil MS ID: 0.25(mm) | Calib End Date: 08/08/2024 10:31

Lab File ID: Z87892.d | Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Butyl benzyl phthalate	Ave	0.5312	0.5414	0.0100	51000	50000	1.9	20.0
2,3,7,8-TCDD	Ave	0.2687	0.2867		533	500	6.7	20.0
Carbamazepine	Ave	0.4896	0.5296		54100	50000	8.2	20.0
3,3'-Dichlorobenzidine	Ave	0.5261	0.5200	0.0100	49400	50000	-1.2	20.0
Benzo[a]anthracene	Ave	1.315	1.289	0.8000	49000	50000	-2.0	20.0
Chrysene	Ave	1.249	1.228	0.7000	49200	50000	-1.7	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.7390	0.7693	0.0100	52100	50000	4.1	20.0
Di-n-octyl phthalate	Ave	1.001	1.083	0.0100	54100	50000	8.2	20.0
Benzo[b]fluoranthene	Ave	1.077	1.090		50600	50000	1.2	20.0
Benzo[k]fluoranthene	Ave	1.168	1.220	0.7000	52200	50000	4.4	20.0
Benzo[a]pyrene	Ave	1.005	1.053	0.7000	52400	50000	4.8	20.0
Indeno[1,2,3-cd]pyrene	Ave	1.163	1.245	0.5000	53500	50000	7.0	20.0
Dibenz(a,h)anthracene	Ave	1.165	1.209	0.4000	51900	50000	3.8	20.0
Benzo[g,h,i]perylene	Ave	1.097	1.120	0.5000	51000	50000	2.0	20.0
Nitrobenzene-d5 (Surr)	Ave	0.3656	0.3813		52100	50000	4.3	20.0
2-Fluorobiphenyl	Ave	1.508	1.550		51400	50000	2.8	20.0
Terphenyl-d14 (Surr)	Ave	1.228	1.267		51600	50000	3.2	20.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20240822-179901.b\Z87892.d
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 22-Aug-2024 06:49:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0179901-002
Operator ID: Instrument ID: CBNAMS11
Sublist: chrom-8270_11R_9*sub51

Method: \\chromfs\Edison\ChromData\CBNAMS11\20240822-179901.b\8270_11R_9.m
Limit Group: SV 8270E ICAL
Last Update: 22-Aug-2024 08:42:59 Calib Date: 08-Aug-2024 10:31:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS11\20240808-179362.b\Z87626.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1636

First Level Reviewer: G4KC Date: 22-Aug-2024 07:10:58

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.220	1.220	0.000	93	185125	50.0	50.2	
2 N-Nitrosodimethylamine	74	1.418	1.418	0.000	91	272794	50.0	49.0	
3 Pyridine	79	1.431	1.431	0.000	94	857385	100.0	95.5	
$ 4 2-Fluorophenol	112	2.424	2.424	0.000	97	537248	50.0	52.0	
5 Benzaldehyde	77	3.238	3.238	0.000	96	92405	20.0	11.0	
$ 6 Phenol-d5	99	3.340	3.340	0.000	94	710482	50.0	52.8	
8 Aniline	93	3.347	3.347	0.000	97	763087	50.0	48.1	
7 Phenol	94	3.353	3.353	0.000	94	715963	50.0	49.3	
9 Bis(2-chloroethyl)ether	93	3.427	3.427	0.000	99	511965	50.0	50.7	
11 2-Chlorophenol	128	3.465	3.465	0.000	98	573190	50.0	50.2	
12 n-Decane	43	3.523	3.523	0.000	90	495582	50.0	47.8	
13 1,3-Dichlorobenzene	146	3.612	3.612	0.000	97	632418	50.0	50.5	
* 14 1,4-Dichlorobenzene-d4	152	3.673	3.673	0.000	94	335035	40.0	40.0	
15 1,4-Dichlorobenzene	146	3.689	3.689	0.000	96	641942	50.0	50.0	
16 Benzyl alcohol	108	3.833	3.833	0.000	95	358671	50.0	49.9	
17 1,2-Dichlorobenzene	146	3.836	3.836	0.000	97	604896	50.0	49.8	
18 2-Methylphenol	108	3.957	3.957	0.000	89	485921	50.0	49.4	
19 2,2'-oxybis[1-chloropropane]	45	3.960	3.960	0.000	94	659874	50.0	48.8	
20 N-Methylaniline	106	4.079	4.079	0.000	97	857623	50.0	50.6	a
22 Acetophenone	105	4.092	4.092	0.000	94	782386	50.0	50.3	
21 N-Nitrosodi-n-propylamine	70	4.101	4.101	0.000	88	383646	50.0	50.2	
23 3 & 4 Methylphenol	108	4.120	4.120	0.000	73	517207	50.0	48.7	
24 4-Methylphenol	108	4.120	4.120	0.000	98	517207	50.0	48.7	
25 Hexachloroethane	117	4.165	4.165	0.000	92	221544	50.0	50.3	
$ 26 Nitrobenzene-d5	82	4.235	4.235	0.000	86	604277	50.0	52.1	
27 Nitrobenzene	123	4.258	4.258	0.000	86	280301	50.0	51.6	
28 n,n'-Dimethylaniline	120	4.258	4.258	0.000	89	859567	50.0	49.9	
31 Isophorone	82	4.497	4.497	0.000	99	1016113	50.0	49.3	
32 2-Nitrophenol	139	4.568	4.568	0.000	96	319851	50.0	51.6	
33 2,4-Dimethylphenol	122	4.638	4.638	0.000	92	409840	50.0	49.7	
34 Bis(2-chloroethoxy)methane	93	4.728	4.728	0.000	99	633452	50.0	49.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
35 Benzoic acid	122	4.804	4.804	0.000	86	345117	50.0	49.7	
36 2,4-Dichlorophenol	162	4.811	4.811	0.000	97	496092	50.0	51.6	
37 1,2,4-Trichlorobenzene	180	4.881	4.881	0.000	94	554824	50.0	51.0	
* 38 Naphthalene-d8	136	4.932	4.932	0.000	99	1267804	40.0	40.0	
39 Naphthalene	128	4.951	4.951	0.000	99	1627945	50.0	50.1	
40 4-Chloroaniline	127	5.028	5.028	0.000	92	669041	50.0	48.9	
133 2,6-Dichlorophenol	162	5.028	5.028	0.000	92	489373	50.0	51.3	
41 Hexachlorobutadiene	225	5.079	5.079	0.000	99	343107	50.0	51.8	
42 Caprolactam	55	5.386	5.386	0.000	94	95332	20.0	19.4	M
43 4-Chloro-3-methylphenol	107	5.530	5.530	0.000	96	462401	50.0	50.8	
44 2-Methylnaphthalene	142	5.629	5.629	0.000	85	1103559	50.0	50.2	
45 1-Methylnaphthalene	142	5.722	5.722	0.000	92	1015516	50.0	50.1	
46 Hexachlorocyclopentadiene	237	5.782	5.782	0.000	99	287482	50.0	56.9	
47 1,2,4,5-Tetrachlorobenzene	216	5.792	5.792	0.000	99	597704	50.0	51.1	
48 2-tertbutyl-4-methylphenol	149	5.862	5.862	0.000	92	708506	50.0	51.0	
49 2,4,6-Trichlorophenol	196	5.917	5.917	0.000	94	381836	50.0	51.4	
50 2,4,5-Trichlorophenol	196	5.952	5.952	0.000	98	422514	50.0	50.5	
$ 51 2-Fluorobiphenyl	172	5.997	5.997	0.000	97	1393610	50.0	51.4	
52 1,1'-Biphenyl	154	6.087	6.087	0.000	97	1339753	50.0	50.1	
53 2-Chloronaphthalene	162	6.096	6.096	0.000	99	1062619	50.0	49.9	
54 Phenyl ether	170	6.192	6.192	0.000	85	798858	50.0	50.5	
55 2-Nitroaniline	65	6.218	6.218	0.000	93	286229	50.0	47.1	
57 1,3-Dimethylnaphthalene	156	6.310	6.310	0.000	92	867709	50.0	50.2	
59 Coumarin	146	6.410	6.410	0.000	83	407982	50.0	47.9	
58 Dimethyl phthalate	163	6.410	6.410	0.000	99	1198679	50.0	48.6	
60 2,6-Dinitrotoluene	165	6.461	6.461	0.000	92	287775	50.0	51.2	
63 Acenaphthylene	152	6.490	6.490	0.000	98	1613820	50.0	49.8	
64 3-Nitroaniline	65	6.614	6.614	0.000	98	327023	50.0	46.8	
* 65 Acenaphthene-d10	164	6.624	6.624	0.000	96	719251	40.0	40.0	
67 Acenaphthene	154	6.656	6.656	0.000	95	976421	50.0	49.7	
66 3,5-di-tert-butyl-4-hydroxytol	205	6.675	6.675	0.000	96	978511	50.0	53.4	
68 2,4-Dinitrophenol	184	6.726	6.726	0.000	94	369616	100.0	101.4	
69 4-Nitrophenol	65	6.816	6.816	0.000	89	386183	100.0	100.5	
71 Dibenzofuran	168	6.822	6.822	0.000	97	1523332	50.0	49.5	
70 2,4-Dinitrotoluene	165	6.845	6.845	0.000	97	387020	50.0	50.5	
72 2,3,4,6-Tetrachlorophenol	232	6.954	6.954	0.000	98	356390	50.0	50.3	
73 Diethyl phthalate	149	7.085	7.085	0.000	99	1161333	50.0	47.6	
74 Fluorene	166	7.149	7.149	0.000	94	1197944	50.0	49.2	
75 4-Chlorophenyl phenyl ether	204	7.162	7.162	0.000	95	626886	50.0	49.7	
76 4-Nitroaniline	138	7.207	7.207	0.000	89	285576	50.0	45.7	
77 4,6-Dinitro-2-methylphenol	198	7.235	7.235	0.000	93	507619	100.0	111.2	
78 N-Nitrosodiphenylamine	169	7.283	7.283	0.000	68	879629	50.0	50.7	
134 Azobenzene	77	7.315	7.315	0.000	97	1068201	50.0	50.0	
79 1,2-Diphenylhydrazine	77	7.315	7.315	0.000	58	1069808	50.0	50.0	
$ 80 2,4,6-Tribromophenol	330	7.379	7.379	0.000	88	383900	50.0	53.1	
81 4-Bromophenyl phenyl ether	248	7.622	7.622	0.000	98	420810	50.0	52.1	
82 Hexachlorobenzene	284	7.667	7.667	0.000	92	573929	50.0	52.3	
83 Atrazine	200	7.811	7.811	0.000	95	156035	20.0	21.4	
84 Pentachlorophenol	266	7.869	7.869	0.000	96	645351	100.0	105.4	
85 Pentachloronitrobenzene	237	7.875	7.875	0.000	94	174901	50.0	52.7	
86 n-Octadecane	57	7.987	7.987	0.000	92	663996	50.0	49.8	
* 87 Phenanthrene-d10	188	8.032	8.032	0.000	98	1368369	40.0	40.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
88 Phenanthrene	178	8.055	8.055	0.000	97	1732297	50.0	50.3	
89 Anthracene	178	8.106	8.106	0.000	99	1791604	50.0	50.5	
90 Carbazole	167	8.272	8.272	0.000	96	1586623	50.0	49.1	
91 Di-n-butyl phthalate	149	8.636	8.636	0.000	99	1906282	50.0	50.6	
92 Fluoranthene	202	9.180	9.180	0.000	98	1904324	50.0	50.0	
93 Benzidine	184	9.333	9.333	0.000	99	787383	50.0	41.9	
94 Pyrene	202	9.388	9.388	0.000	97	1958670	50.0	50.1	
95 Bisphenol-A	213	9.481	9.481	0.000	98	894983	50.0	51.7	
$ 96 Terphenyl-d14	244	9.564	9.564	0.000	97	1877645	50.0	51.6	
97 Butyl benzyl phthalate	149	10.056	10.056	0.000	97	802085	50.0	51.0	
98 2,3,7,8-TCDD	320	10.107	10.107	0.000	92	4247	0.5000	0.5335	
99 Carbamazepine	193	10.136	10.136	0.000	94	784675	50.0	54.1	
100 3,3'-Dichlorobenzidine	252	10.558	10.558	0.000	98	770358	50.0	49.4	
101 Benzo[a]anthracene	228	10.558	10.558	0.000	99	1909720	50.0	49.0	
* 102 Chrysene-d12	240	10.571	10.571	0.000	99	1185263	40.0	40.0	
103 Chrysene	228	10.600	10.600	0.000	99	1819419	50.0	49.2	
104 Bis(2-ethylhexyl) phthalate	149	10.658	10.658	0.000	91	1139775	50.0	52.1	
105 Di-n-octyl phthalate	149	11.396	11.396	0.000	96	1862203	50.0	54.1	
106 Benzo[b]fluoranthene	252	11.767	11.767	0.000	98	1875102	50.0	50.6	
107 Benzo[k]fluoranthene	252	11.802	11.802	0.000	99	2098639	50.0	52.2	
108 Benzo[a]pyrene	252	12.160	12.160	0.000	98	1811319	50.0	52.4	
* 109 Perylene-d12	264	12.234	12.234	0.000	99	1375767	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	13.628	13.628	0.000	98	2140795	50.0	53.5	
111 Dibenz(a,h)anthracene	278	13.663	13.663	0.000	99	2079462	50.0	51.9	
112 Benzo[g,h,i]perylene	276	13.970	13.970	0.000	98	1925807	50.0	51.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SV_BNA_L7_00007 Amount Added: 1.00 Units: mL

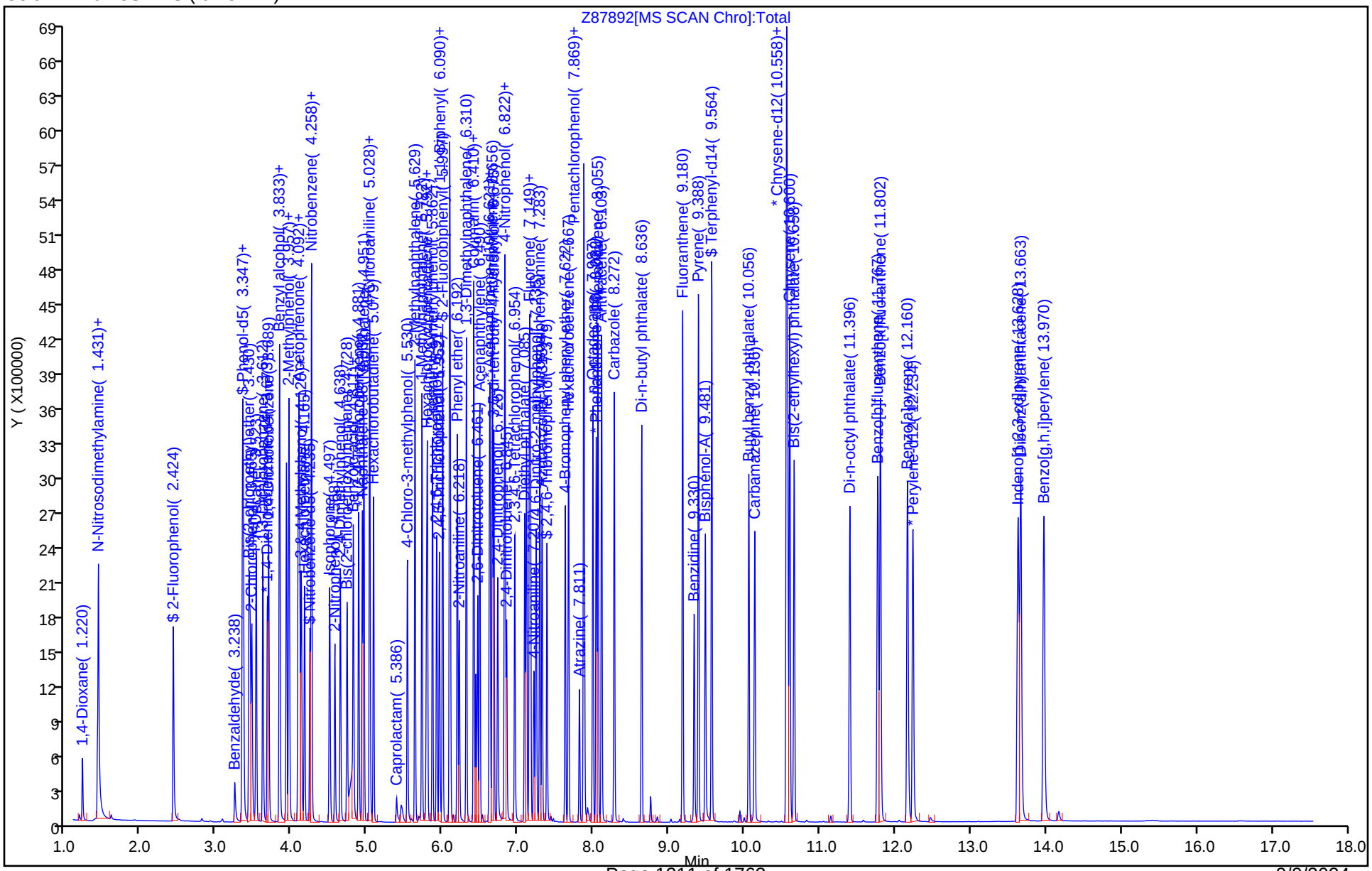
Report Date: 22-Aug-2024 08:43:01 Chrom Revision: 2.3 16-Jul-2024 14:17:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20240822-179901.b\Z87892.d

Injection Date:	22-Aug-2024 06:49:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	CCVIS			Worklist Smp#:	2
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8270_11R_9	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



9/9/2024
1:05:41 PM

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison | Job No.: 460-309671-1

SDG No.:

Lab Sample ID: ICV 460-987932/11 | Calibration Date: 07/30/2024 14:47

Instrument ID: CBNAMS15 | Calib Start Date: 07/30/2024 12:10

GC Column: Rtxi-5Sil MS ID: 0.25(mm) | Calib End Date: 07/30/2024 14:30

Lab File ID: f62121.D | Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.5329	0.4717		44300	50000	-11.5	30.0
N-Nitrosodimethylamine	Ave	0.6247	0.6294		50400	50000	0.8	30.0
Pyridine	Ave	1.099	1.118		102000	100000	1.7	30.0
Benzaldehyde	Ave	0.9571	0.4482	0.0100	9370	20000	-53.2*	30.0
Phenol	Ave	1.469	1.486	0.8000	50600	50000	1.2	30.0
Aniline	Ave	1.695	1.780		52500	50000	5.0	30.0
Bis(2-chloroethyl)ether	Ave	1.152	1.233	0.7000	53500	50000	7.0	30.0
2-Chlorophenol	Ave	1.312	1.373	0.8000	52300	50000	4.6	30.0
n-Decane	Ave	0.9742	0.9876		50700	50000	1.4	30.0
1,3-Dichlorobenzene	Ave	1.499	1.578		52600	50000	5.3	30.0
1,4-Dichlorobenzene	Ave	1.515	1.593		52600	50000	5.1	30.0
Benzyl alcohol	Ave	0.8133	0.8538		52500	50000	5.0	30.0
1,2-Dichlorobenzene	Ave	1.442	1.509	0.0100	52300	50000	4.7	30.0
2-Methylphenol	Ave	1.094	1.166	0.7000	53300	50000	6.6	30.0
2,2'-oxybis[1-chloropropane]	Ave	1.215	1.230	0.0100	50600	50000	1.2	30.0
N-Methylaniline	Ave	1.926	1.969		51100	50000	2.2	30.0
3 & 4 Methylphenol	Ave	1.268	1.375		54200	50000	8.4	30.0
4-Methylphenol	Ave	1.268	1.375	0.6000	54200	50000	8.4	30.0
Acetophenone	Ave	1.821	1.968	0.0100	54100	50000	8.1	30.0
N-Nitrosodi-n-propylamine	Ave	0.6755	0.7364	0.5000	54500	50000	9.0	30.0
Hexachloroethane	Ave	0.5673	0.5890	0.3000	51900	50000	3.8	30.0
Nitrobenzene	Ave	0.6096	0.6616	0.2000	54300	50000	8.5	30.0
n,n'-Dimethylaniline	Ave	1.917	1.997		52100	50000	4.1	30.0
Isophorone	Ave	0.6074	0.6347	0.4000	52200	50000	4.5	30.0
2-Nitrophenol	Ave	0.1787	0.1873	0.1000	52400	50000	4.8	30.0
2,4-Dimethylphenol	Ave	0.2481	0.2669	0.2000	53800	50000	7.6	30.0
Bis(2-chloroethoxy)methane	Ave	0.3973	0.4131	0.3000	52000	50000	4.0	30.0
Benzoic acid	Lin2		0.2061		47400	50000	-5.1	30.0
2,4-Dichlorophenol	Ave	0.2827	0.3121	0.2000	55200	50000	10.4	30.0
1,2,4-Trichlorobenzene	Ave	0.3350	0.3542		52900	50000	5.7	30.0
Naphthalene	Ave	1.023	1.077	0.7000	52600	50000	5.3	30.0
2,6-Dichlorophenol	None					50000		30.0
4-Chloroaniline	Ave	0.4134	0.4518	0.0100	54600	50000	9.3	30.0
Hexachlorobutadiene	Ave	0.2003	0.2119	0.0100	52900	50000	5.8	30.0
Caprolactam	Ave	0.0833	0.1149	0.0100	27600	20000	37.9*	30.0
4-Chloro-3-methylphenol	Ave	0.2751	0.2894	0.2000	52600	50000	5.2	30.0
2-Methylnaphthalene	Ave	0.6983	0.7451	0.4000	53300	50000	6.7	30.0
1-Methylnaphthalene	Ave	0.6398	0.6831		53400	50000	6.8	30.0
Hexachlorocyclopentadiene	Ave	0.2996	0.3298	0.0500	55000	50000	10.1	30.0
1,2,4,5-Tetrachlorobenzene	Ave	0.6280	0.6702	0.0100	53400	50000	6.7	30.0
2-tertbutyl-4-methylphenol	Ave	0.4153	0.4178		50300	50000	0.6	30.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison | Job No.: 460-309671-1

SDG No.:

Lab Sample ID: ICV 460-987932/11 | Calibration Date: 07/30/2024 14:47

Instrument ID: CBNAMS15 | Calib Start Date: 07/30/2024 12:10

GC Column: Rtxi-5Sil MS ID: 0.25(mm) | Calib End Date: 07/30/2024 14:30

Lab File ID: f62121.D | Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,4,6-Trichlorophenol	Ave	0.3911	0.4332	0.2000	55400	50000	10.7	30.0
2,4,5-Trichlorophenol	Ave	0.4257	0.4527	0.2000	53200	50000	6.4	30.0
1,1'-Biphenyl	Ave	1.539	1.620	0.0100	52600	50000	5.3	30.0
2-Chloronaphthalene	Ave	1.185	1.274	0.8000	53800	50000	7.5	30.0
Phenyl ether	Ave	0.8691	0.8863		51000	50000	2.0	30.0
2-Nitroaniline	Ave	0.3691	0.3808	0.0100	51600	50000	3.2	30.0
1,3-Dimethylnaphthalene	Ave	0.9810	0.9932		50600	50000	1.2	30.0
Dimethyl phthalate	Ave	1.372	1.452	0.0100	52900	50000	5.8	30.0
Coumarin	Ave	0.2580	0.2636		51100	50000	2.2	30.0
2,6-Dinitrotoluene	Ave	0.2794	0.3169	0.2000	56700	50000	13.4	30.0
Acenaphthylene	Ave	1.798	1.936	0.9000	53800	50000	7.7	30.0
3-Nitroaniline	Ave	0.3242	0.3429	0.0100	52900	50000	5.7	30.0
Acenaphthene	Ave	1.110	1.167	0.9000	52600	50000	5.1	30.0
3,5-di-tert-butyl-4-hydroxytol	Ave	0.9335	1.001		53600	50000	7.2	30.0
2,4-Dinitrophenol	Lin1		0.1805	0.0100	96600	100000	-3.4	30.0
4-Nitrophenol	Ave	0.2040	0.2155	0.0100	106000	100000	5.6	30.0
2,4-Dinitrotoluene	Ave	0.3830	0.4489	0.2000	58600	50000	17.2	30.0
Dibenzofuran	Ave	1.706	1.843	0.8000	54000	50000	8.0	30.0
2,3,4,6-Tetrachlorophenol	Ave	0.3622	0.3853	0.0100	53200	50000	6.4	30.0
Diethyl phthalate	Ave	1.397	1.443	0.0100	51700	50000	3.3	30.0
Fluorene	Ave	1.373	1.469	0.9000	53500	50000	7.0	30.0
4-Chlorophenyl phenyl ether	Ave	0.6571	0.7083	0.4000	53900	50000	7.8	30.0
4-Nitroaniline	Ave	0.3299	0.3357	0.0100	50900	50000	1.8	30.0
4,6-Dinitro-2-methylphenol	Lin2		0.1327	0.0100	105000	100000	5.3	30.0
N-Nitrosodiphenylamine	Ave	0.5107	0.5358	0.0100	52500	50000	4.9	30.0
1,2-Diphenylhydrazine	Ave	0.6591	0.6700		50800	50000	1.7	30.0
Azobenzene	Ave	0.6601	0.6701		50800	50000	1.5	20.0
4-Bromophenyl phenyl ether	Ave	0.2209	0.2355	0.1000	53300	50000	6.6	30.0
Hexachlorobenzene	Ave	0.2835	0.2973	0.1000	52400	50000	4.9	30.0
Atrazine	Ave	0.1997	0.2075	0.0100	20800	20000	3.9	30.0
Pentachlorophenol	Ave	0.1704	0.1937	0.0500	114000	100000	13.6	30.0
Pentachloronitrobenzene	Ave	0.0993	0.1013	0.0100	51000	50000	2.0	30.0
n-Octadecane	Ave	0.3745	0.3852		51400	50000	2.9	30.0
Phenanthrene	Ave	1.026	1.087	0.7000	53000	50000	6.0	30.0
Anthracene	Ave	1.060	1.105	0.7000	52100	50000	4.2	30.0
Carbazole	Ave	0.9724	1.010	0.0100	51900	50000	3.8	30.0
Di-n-butyl phthalate	Ave	1.146	1.268	0.0100	55300	50000	10.6	30.0
Fluoranthene	Ave	1.134	1.212	0.6000	53500	50000	6.9	30.0
Benzidine	Ave	0.4575	0.4785		52300	50000	4.6	30.0
Pyrene	Ave	1.286	1.371	0.6000	53300	50000	6.6	30.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Lab Sample ID: ICV 460-987932/11 Calibration Date: 07/30/2024 14:47

Instrument ID: CBNAMS15 Calib Start Date: 07/30/2024 12:10

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 07/30/2024 14:30

Lab File ID: f62121.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Bisphenol-A	Ave	0.5596	0.5854		52300	50000	4.6	30.0
Butyl benzyl phthalate	Ave	0.5642	0.6059	0.0100	53700	50000	7.4	30.0
Carbamazepine	Ave	0.5159	0.5463		52900	50000	5.9	30.0
3,3'-Dichlorobenzidine	Ave	0.4880	0.5283	0.0100	54100	50000	8.3	30.0
Benzo[a]anthracene	Ave	1.288	1.379	0.8000	53500	50000	7.1	30.0
Chrysene	Ave	1.268	1.311	0.7000	51700	50000	3.5	30.0
Bis(2-ethylhexyl) phthalate	Ave	0.8339	0.8992	0.0100	53900	50000	7.8	30.0
Di-n-octyl phthalate	Ave	1.197	1.307	0.0100	54600	50000	9.2	30.0
Benzo[b]fluoranthene	Ave	1.044	1.197		57300	50000	14.6	30.0
Benzo[k]fluoranthene	Ave	1.196	1.331	0.7000	55700	50000	11.3	30.0
Benzo[a]pyrene	Ave	0.9620	1.119	0.7000	58200	50000	16.3	30.0
Indeno[1,2,3-cd]pyrene	Qua2		1.238	0.5000	53400	50000	6.8	30.0
Dibenz(a,h)anthracene	Ave	1.068	1.263	0.4000	59100	50000	18.3	30.0
Benzo[g,h,i]perylene	Ave	1.060	1.162	0.5000	54800	50000	9.6	30.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20240730-179025.b\f62121.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 30-Jul-2024 14:47:31 ALS Bottle#: 0 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0179025-011
Operator ID: Instrument ID: CBNAMS15
Sublist:

Method: \\chromfs\Edison\ChromData\CBNAMS15\20240730-179025.b\8270_15R_9.m
Limit Group: SV 8270E ICAL
Last Update: 30-Jul-2024 15:53:39 Calib Date: 30-Jul-2024 14:30:00
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20240730-179025.b\f62120.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1646

First Level Reviewer: LKI7 Date: 30-Jul-2024 15:29:09

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.630	1.636	-0.006	80	289043	50.0	44.3	
2 N-Nitrosodimethylamine	74	1.754	1.766	-0.012	90	385658	50.0	50.4	
3 Pyridine	79	1.777	1.783	-0.006	97	1370001	100.0	101.7	
7 Benzaldehyde	77	3.036	3.042	-0.006	95	109844	20.0	9.37	
9 Phenol	94	3.083	3.095	-0.012	96	910607	50.0	50.6	
10 Aniline	93	3.113	3.118	-0.005	98	1090725	50.0	52.5	
11 Bis(2-chloroethyl)ether	93	3.166	3.171	-0.005	99	755624	50.0	53.5	
12 2-Chlorophenol	128	3.195	3.207	-0.012	66	841007	50.0	52.3	
13 n-Decane	43	3.236	3.242	-0.006	87	605100	50.0	50.7	
14 1,3-Dichlorobenzene	146	3.313	3.318	-0.005	97	966801	50.0	52.6	
* 15 1,4-Dichlorobenzene-d4	152	3.354	3.360	-0.006	95	490182	40.0	40.0	
16 1,4-Dichlorobenzene	146	3.366	3.371	-0.005	94	975806	50.0	52.6	
17 Benzyl alcohol	108	3.460	3.465	-0.005	94	523150	50.0	52.5	
18 1,2-Dichlorobenzene	146	3.477	3.483	-0.006	91	924777	50.0	52.3	
19 2-Methylphenol	108	3.542	3.548	-0.006	84	714223	50.0	53.3	
20 2,2'-oxybis[1-chloropropane]	45	3.560	3.565	-0.005	61	753467	50.0	50.6	
130 N-Methylaniline	106	3.654	3.660	-0.006	92	1206312	50.0	51.1	
21 Acetophenone	105	3.666	3.665	0.001	93	1206009	50.0	54.1	
22 4-Methylphenol	108	3.666	3.671	-0.005	75	842478	50.0	54.2	
23 3 & 4 Methylphenol	108	3.666	3.671	-0.005	0	842478	50.0	54.2	
24 N-Nitrosodi-n-propylamine	70	3.666	3.671	-0.005	60	451201	50.0	54.5	
25 Hexachloroethane	117	3.736	3.736	0.000	90	360887	50.0	51.9	
28 n,n'-Dimethylaniline	120	3.795	3.795	0.000	95	1223455	50.0	52.1	
27 Nitrobenzene	123	3.789	3.795	-0.006	92	405364	50.0	54.3	
29 Isophorone	82	3.977	3.983	-0.006	98	1456497	50.0	52.2	
30 2-Nitrophenol	139	4.030	4.036	-0.006	95	429786	50.0	52.4	
31 2,4-Dimethylphenol	122	4.071	4.077	-0.006	92	612442	50.0	53.8	
32 Bis(2-chloroethoxy)methane	93	4.148	4.154	-0.006	98	947969	50.0	52.0	
33 Benzoic acid	122	4.177	4.183	-0.006	82	473014	50.0	47.4	
34 2,4-Dichlorophenol	162	4.213	4.218	-0.005	96	716081	50.0	55.2	
35 1,2,4-Trichlorobenzene	180	4.277	4.283	-0.006	94	812764	50.0	52.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
* 36 Naphthalene-d8	136	4.324	4.324	0.000	98	1835802	40.0	40.0	
37 Naphthalene	128	4.336	4.342	-0.006	99	2470511	50.0	52.6	
38 4-Chloroaniline	127	4.389	4.389	0.000	93	1036682	50.0	54.6	
39 Hexachlorobutadiene	225	4.436	4.442	-0.006	94	486212	50.0	52.9	
40 Caprolactam	113	4.666	4.671	-0.005	94	105456	20.0	27.6	E
41 4-Chloro-3-methylphenol	107	4.766	4.771	-0.005	93	664094	50.0	52.6	
42 2-Methylnaphthalene	142	4.871	4.871	0.000	83	1709767	50.0	53.3	
43 1-Methylnaphthalene	142	4.948	4.948	0.000	89	1567436	50.0	53.4	
44 Hexachlorocyclopentadiene	237	4.995	4.995	0.000	77	418479	50.0	55.0	
45 1,2,4,5-Tetrachlorobenzene	216	5.001	5.001	0.000	99	850458	50.0	53.4	
46 2-tertbutyl-4-methylphenol	149	5.042	5.042	0.000	91	958638	50.0	50.3	
47 2,4,6-Trichlorophenol	196	5.089	5.089	0.000	93	549667	50.0	55.4	
48 2,4,5-Trichlorophenol	196	5.113	5.118	-0.005	95	574476	50.0	53.2	
51 1,1'-Biphenyl	154	5.230	5.236	-0.006	96	2055419	50.0	52.6	
52 2-Chloronaphthalene	162	5.242	5.242	0.000	98	1617013	50.0	53.8	
53 Phenyl ether	170	5.313	5.318	-0.005	85	1124692	50.0	51.0	
54 2-Nitroaniline	65	5.324	5.324	0.000	96	483168	50.0	51.6	
55 1,3-Dimethylnaphthalene	156	5.407	5.412	-0.005	90	1260356	50.0	50.6	
57 Coumarin	146	5.483	5.483	0.000	82	604896	50.0	51.1	
56 Dimethyl phthalate	163	5.477	5.483	-0.006	98	1843007	50.0	52.9	
58 2,6-Dinitrotoluene	165	5.518	5.518	0.000	73	402155	50.0	56.7	
59 Acenaphthylene	152	5.554	5.554	0.000	97	2457003	50.0	53.8	
60 3-Nitroaniline	138	5.636	5.642	-0.006	97	435076	50.0	52.9	
* 61 Acenaphthene-d10	164	5.660	5.659	0.001	84	1015176	40.0	40.0	
62 Acenaphthene	154	5.683	5.689	-0.006	94	1480666	50.0	52.6	
63 3,5-di-tert-butyl-4-hydroxytol	205	5.695	5.695	0.000	95	1270311	50.0	53.6	
64 2,4-Dinitrophenol	184	5.718	5.718	0.000	63	458033	100.0	96.6	
65 4-Nitrophenol	65	5.771	5.777	-0.006	89	546844	100.0	105.6	
67 2,4-Dinitrotoluene	165	5.818	5.818	0.000	60	569702	50.0	58.6	
66 Dibenzofuran	168	5.818	5.818	0.000	92	2338123	50.0	54.0	
68 2,3,4,6-Tetrachlorophenol	232	5.907	5.912	-0.005	92	488871	50.0	53.2	
69 Diethyl phthalate	149	6.013	6.018	-0.005	98	1831656	50.0	51.7	
70 Fluorene	166	6.071	6.077	-0.006	83	1864511	50.0	53.5	
71 4-Chlorophenyl phenyl ether	204	6.083	6.083	0.000	92	898753	50.0	53.9	
72 4-Nitroaniline	138	6.107	6.106	0.001	38	425941	50.0	50.9	
73 4,6-Dinitro-2-methylphenol	198	6.124	6.124	0.000	87	660526	100.0	105.3	
74 N-Nitrosodiphenylamine	169	6.171	6.177	-0.006	70	1333615	50.0	52.5	
132 Azobenzene	77	6.201	6.201	0.000	0	1667869	50.0	50.8	
75 1,2-Diphenylhydrazine	77	6.201	6.201	0.000	3	1667511	50.0	50.8	
77 4-Bromophenyl phenyl ether	248	6.448	6.448	0.000	95	586172	50.0	53.3	
78 Hexachlorobenzene	284	6.483	6.483	0.000	87	739917	50.0	52.4	
79 Atrazine	200	6.583	6.583	0.000	93	206542	20.0	20.8	
80 Pentachlorophenol	266	6.636	6.636	0.000	93	964060	100.0	113.6	
81 Pentachloronitrobenzene	237	6.642	6.642	0.000	88	252036	50.0	51.0	
82 n-Octadecane	57	6.724	6.724	0.000	89	958807	50.0	51.4	
* 83 Phenanthrene-d10	188	6.777	6.777	0.000	97	1991047	40.0	40.0	
84 Phenanthrene	178	6.795	6.795	0.000	96	2704588	50.0	53.0	
85 Anthracene	178	6.830	6.830	0.000	98	2749824	50.0	52.1	
87 Carbazole	167	6.954	6.959	-0.005	83	2512776	50.0	51.9	
88 Di-n-butyl phthalate	149	7.236	7.236	0.000	99	3156838	50.0	55.3	
89 Fluoranthene	202	7.677	7.683	-0.006	97	3017091	50.0	53.5	
90 Benzidine	184	7.795	7.795	0.000	99	1190952	50.0	52.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
91 Pyrene	202	7.848	7.848	0.000	97	3123263	50.0	53.3	
92 Bisphenol-A	213	7.901	7.901	0.001	98	1333313	50.0	52.3	
95 Butyl benzyl phthalate	149	8.371	8.371	0.000	94	1380128	50.0	53.7	
97 Carbamazepine	193	8.448	8.448	0.000	91	1244346	50.0	52.9	
99 3,3'-Dichlorobenzidine	252	8.795	8.795	0.000	99	1203294	50.0	54.1	
100 Benzo[a]anthracene	228	8.807	8.806	0.001	98	3141256	50.0	53.5	
* 98 Chrysene-d12	240	8.818	8.818	0.000	99	1822203	40.0	40.0	
101 Chrysene	228	8.842	8.842	0.000	95	2986745	50.0	51.7	
102 Bis(2-ethylhexyl) phthalate	149	8.871	8.871	0.000	68	2048244	50.0	53.9	
103 Di-n-octyl phthalate	149	9.501	9.500	0.001	96	3427189	50.0	54.6	
104 Benzo[b]fluoranthene	252	9.836	9.836	0.000	98	3139906	50.0	57.3	
105 Benzo[k]fluoranthene	252	9.865	9.865	0.000	99	3491559	50.0	55.7	
106 Benzo[a]pyrene	252	10.165	10.165	0.000	96	2935346	50.0	58.2	
* 107 Perylene-d12	264	10.224	10.224	0.000	99	2098159	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	11.336	11.336	0.000	99	3245879	50.0	53.4	
109 Dibenz(a,h)anthracene	278	11.371	11.371	0.000	96	3313093	50.0	59.1	
110 Benzo[g,h,i]perylene	276	11.618	11.618	0.000	97	3046765	50.0	54.8	
131 2,6-Dichlorophenol	162	4.389	4.395	-0.006	80	710342	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

E - Exceeded Maximum Amount

Reagents:

SV_BNA_ICV_00010 Amount Added: 1.00 Units: mL

Report Date: 30-Jul-2024 15:54:11 Chrom Revision: 2.3 16-Jul-2024 14:17:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20240730-179025.b\f62121.D

Injection Date: 30-Jul-2024 14:47:31 Instrument ID: CBNAMS15 Operator ID:

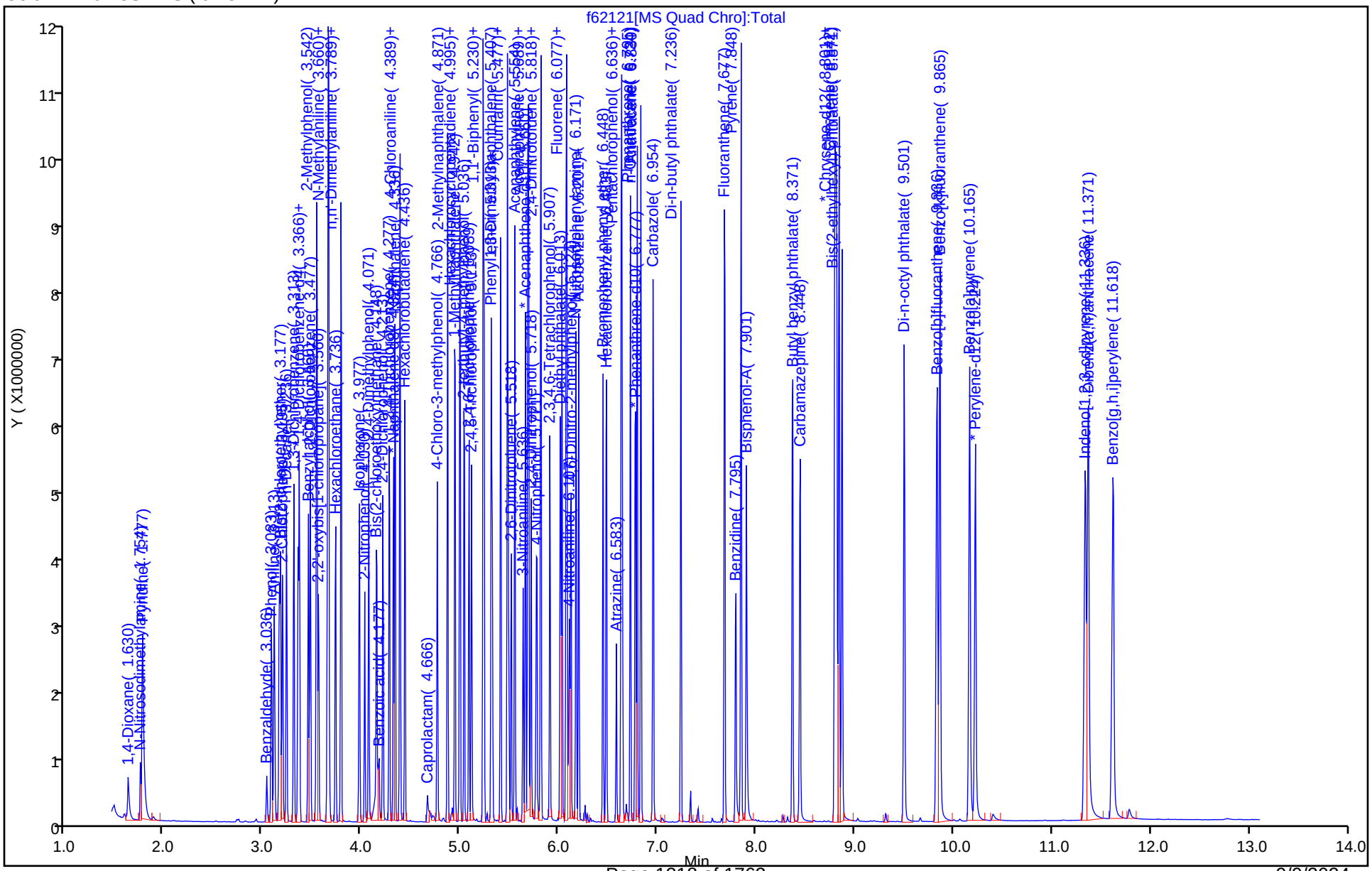
Lims ID: ICV Worklist Smp#: 11

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 0

Method: 8270_15R_9 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Lab Sample ID: CCVIS 460-993708/2 Calibration Date: 09/01/2024 12:31

Instrument ID: CBNAMS15 Calib Start Date: 07/30/2024 12:10

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 07/30/2024 14:30

Lab File ID: f63010.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.5329	0.5266		49400	50000	-1.2	20.0
N-Nitrosodimethylamine	Ave	0.6247	0.5301		42400	50000	-15.1	20.0
Pyridine	Ave	1.099	1.147		104000	100000	4.4	20.0
Benzaldehyde	Ave	0.9571	0.6243	0.0100	13000	20000	-34.8*	20.0
Phenol	Ave	1.469	1.289	0.8000	43900	50000	-12.3	20.0
Aniline	Ave	1.695	1.462		43100	50000	-13.7	20.0
Bis(2-chloroethyl)ether	Ave	1.152	1.164	0.7000	50500	50000	1.0	20.0
2-Chlorophenol	Ave	1.312	1.229	0.8000	46800	50000	-6.3	20.0
n-Decane	Ave	0.9742	1.084		55600	50000	11.3	20.0
1,3-Dichlorobenzene	Ave	1.499	1.516		50600	50000	1.1	20.0
1,4-Dichlorobenzene	Ave	1.515	1.515		50000	50000	0.0	20.0
Benzyl alcohol	Ave	0.8133	0.6619		40700	50000	-18.6	20.0
1,2-Dichlorobenzene	Ave	1.442	1.438	0.0100	49900	50000	-0.2	20.0
2-Methylphenol	Ave	1.094	0.9794	0.7000	44800	50000	-10.4	20.0
2,2'-oxybis[1-chloropropane]	Ave	1.215	1.333	0.0100	54800	50000	9.7	20.0
N-Methylaniline	Ave	1.926	1.389		36100	50000	-27.9*	20.0
Acetophenone	Ave	1.821	2.107	0.0100	57900	50000	15.7	20.0
3 & 4 Methylphenol	Ave	1.268	1.087		42900	50000	-14.3	20.0
4-Methylphenol	Ave	1.268	1.087	0.6000	42900	50000	-14.3	20.0
N-Nitrosodi-n-propylamine	Ave	0.6755	0.7257	0.5000	53700	50000	7.4	20.0
Hexachloroethane	Ave	0.5673	0.5663	0.3000	49900	50000	-0.2	20.0
Nitrobenzene	Ave	0.6096	0.6347	0.2000	52100	50000	4.1	20.0
n,n'-Dimethylaniline	Ave	1.917	1.713		44700	50000	-10.7	20.0
Isophorone	Ave	0.6074	0.6498	0.4000	53500	50000	7.0	20.0
2-Nitrophenol	Ave	0.1787	0.1563	0.1000	43700	50000	-12.5	20.0
2,4-Dimethylphenol	Ave	0.2481	0.2268	0.2000	45700	50000	-8.6	20.0
Bis(2-chloroethoxy)methane	Ave	0.3973	0.3591	0.3000	45200	50000	-9.6	20.0
Benzoic acid	Lin2		0.1520		35600	50000	-28.8*	20.0
2,4-Dichlorophenol	Ave	0.2827	0.2723	0.2000	48200	50000	-3.7	20.0
1,2,4-Trichlorobenzene	Ave	0.3350	0.3307		49400	50000	-1.3	20.0
Naphthalene	Ave	1.023	1.041	0.7000	50900	50000	1.8	20.0
4-Chloroaniline	Ave	0.4134	0.3466	0.0100	41900	50000	-16.2	20.0
2,6-Dichlorophenol	None					50000		20.0
Hexachlorobutadiene	Ave	0.2003	0.1909	0.0100	47700	50000	-4.7	20.0
Caprolactam	Ave	0.0833	0.0990	0.0100	23800	20000	18.8	20.0
4-Chloro-3-methylphenol	Ave	0.2751	0.2691	0.2000	48900	50000	-2.2	20.0
2-Methylnaphthalene	Ave	0.6983	0.6912	0.4000	49500	50000	-1.0	20.0
1-Methylnaphthalene	Ave	0.6398	0.6448		50400	50000	0.8	20.0
Hexachlorocyclopentadiene	Ave	0.2996	0.2286	0.0500	38100	50000	-23.7*	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.6280	0.6253	0.0100	49800	50000	-0.4	20.0
2-tertbutyl-4-methylphenol	Ave	0.4153	0.4153		50000	50000	-0.0	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison | Job No.: 460-309671-1

SDG No.:

Lab Sample ID: CCVIS 460-993708/2 | Calibration Date: 09/01/2024 12:31

Instrument ID: CBNAMS15 | Calib Start Date: 07/30/2024 12:10

GC Column: Rtxi-5Sil MS ID: 0.25(mm) | Calib End Date: 07/30/2024 14:30

Lab File ID: f63010.D | Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,4,6-Trichlorophenol	Ave	0.3911	0.4026	0.2000	51500	50000	2.9	20.0
2,4,5-Trichlorophenol	Ave	0.4257	0.4016	0.2000	47200	50000	-5.6	20.0
1,1'-Biphenyl	Ave	1.539	1.536	0.0100	49900	50000	-0.2	20.0
2-Chloronaphthalene	Ave	1.185	1.175	0.8000	49600	50000	-0.9	20.0
Phenyl ether	Ave	0.8691	0.8749		50300	50000	0.7	20.0
2-Nitroaniline	Ave	0.3691	0.3892	0.0100	52700	50000	5.5	20.0
1,3-Dimethylnaphthalene	Ave	0.9810	0.996		50800	50000	1.6	20.0
Coumarin	Ave	0.2580	0.2427		47000	50000	-5.9	20.0
Dimethyl phthalate	Ave	1.372	1.361	0.0100	49600	50000	-0.9	20.0
2,6-Dinitrotoluene	Ave	0.2794	0.3156	0.2000	56500	50000	12.9	20.0
Acenaphthylene	Ave	1.798	1.852	0.9000	51500	50000	3.0	20.0
3-Nitroaniline	Ave	0.3242	0.2907	0.0100	44800	50000	-10.3	20.0
Acenaphthene	Ave	1.110	1.121	0.9000	50500	50000	1.0	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	0.9335	0.9287		49700	50000	-0.5	20.0
2,4-Dinitrophenol	Lin1		0.1350	0.0100	73200	100000	-26.8*	20.0
4-Nitrophenol	Ave	0.2040	0.1500	0.0100	73500	100000	-26.5*	20.0
2,4-Dinitrotoluene	Ave	0.3830	0.4106	0.2000	53600	50000	7.2	20.0
Dibenzofuran	Ave	1.706	1.644	0.8000	48200	50000	-3.6	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.3622	0.3487	0.0100	48100	50000	-3.7	20.0
Diethyl phthalate	Ave	1.397	1.412	0.0100	50500	50000	1.1	20.0
Fluorene	Ave	1.373	1.338	0.9000	48700	50000	-2.5	20.0
4-Chlorophenyl phenyl ether	Ave	0.6571	0.6267	0.4000	47700	50000	-4.6	20.0
4-Nitroaniline	Ave	0.3299	0.2566	0.0100	38900	50000	-22.2*	20.0
4,6-Dinitro-2-methylphenol	Lin2		0.1213	0.0100	96400	100000	-3.6	20.0
N-Nitrosodiphenylamine	Ave	0.5107	0.4511	0.0100	44200	50000	-11.7	20.0
1,2-Diphenylhydrazine	Ave	0.6591	0.6984		53000	50000	6.0	20.0
Azobenzene	Ave	0.6601	0.6965		52800	50000	5.5	20.0
4-Bromophenyl phenyl ether	Ave	0.2209	0.2089	0.1000	47300	50000	-5.4	20.0
Hexachlorobenzene	Ave	0.2835	0.2774	0.1000	48900	50000	-2.2	20.0
Atrazine	Ave	0.1997	0.2177	0.0100	21800	20000	9.0	20.0
Pentachlorophenol	Ave	0.1704	0.1765	0.0500	104000	100000	3.6	20.0
Pentachloronitrobenzene	Ave	0.0993	0.1006	0.0100	50700	50000	1.4	20.0
n-Octadecane	Ave	0.3745	0.4272		57000	50000	14.1	20.0
Phenanthrene	Ave	1.026	1.025	0.7000	50000	50000	-0.0	20.0
Anthracene	Ave	1.060	0.9785	0.7000	46200	50000	-7.7	20.0
Carbazole	Ave	0.9724	0.9006	0.0100	46300	50000	-7.4	20.0
Di-n-butyl phthalate	Ave	1.146	1.282	0.0100	55900	50000	11.8	20.0
Fluoranthene	Ave	1.134	1.161	0.6000	51200	50000	2.4	20.0
Benzidine	Ave	0.4575	0.0433		4730	50000	-90.5*	20.0
Pyrene	Ave	1.286	1.368	0.6000	53200	50000	6.4	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Lab Sample ID: CCVIS 460-993708/2 Calibration Date: 09/01/2024 12:31

Instrument ID: CBNAMS15 Calib Start Date: 07/30/2024 12:10

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 07/30/2024 14:30

Lab File ID: f63010.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Bisphenol-A	Ave	0.5596	0.4916		43900	50000	-12.1	20.0
Butyl benzyl phthalate	Ave	0.5642	0.6311	0.0100	55900	50000	11.9	20.0
2,3,7,8-TCDD	Ave	0.2403	0.2335		486	500	-2.8	20.0
Carbamazepine	Ave	0.5159	0.4903		47500	50000	-5.0	20.0
3,3'-Dichlorobenzidine	Ave	0.4880	0.4049	0.0100	41500	50000	-17.0	20.0
Benzo[a]anthracene	Ave	1.288	1.264	0.8000	49000	50000	-1.9	20.0
Chrysene	Ave	1.268	1.327	0.7000	52300	50000	4.7	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.8339	0.9302	0.0100	55800	50000	11.6	20.0
Di-n-octyl phthalate	Ave	1.197	1.392	0.0100	58200	50000	16.3	20.0
Benzo[b]fluoranthene	Ave	1.044	1.125		53900	50000	7.7	20.0
Benzo[k]fluoranthene	Ave	1.196	1.305	0.7000	54600	50000	9.2	20.0
Benzo[a]pyrene	Ave	0.9620	1.094	0.7000	56900	50000	13.7	20.0
Indeno[1,2,3-cd]pyrene	Qua2		1.140	0.5000	49700	50000	-0.6	20.0
Dibenz(a,h)anthracene	Ave	1.068	1.106	0.4000	51800	50000	3.5	20.0
Benzo[g,h,i]perylene	Ave	1.060	1.131	0.5000	53400	50000	6.7	20.0
Nitrobenzene-d5 (Surr)	Ave	0.3500	0.3985		56900	50000	13.9	20.0
2-Fluorobiphenyl	Ave	1.463	1.524		52100	50000	4.1	20.0
Terphenyl-d14 (Surr)	Ave	1.128	1.172		52000	50000	4.0	20.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20240901-180333.b\f63010.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 01-Sep-2024 12:31:05 ALS Bottle#: 0 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0180333-002
Operator ID: Instrument ID: CBNAMS15
Sublist: chrom-8270_15R_9*sub31

Method: \\chromfs\Edison\ChromData\CBNAMS15\20240901-180333.b\8270_15R_9.m
Limit Group: SV 8270E ICAL
Last Update: 02-Sep-2024 14:29:27 Calib Date: 30-Jul-2024 14:30:00
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20240730-179025.b\f62120.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1635

First Level Reviewer: C8UP Date: 02-Sep-2024 14:29:27

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.601	1.601	0.000	81	274166	50.0	49.4	
2 N-Nitrosodimethylamine	74	1.725	1.725	0.000	87	276034	50.0	42.4	
3 Pyridine	79	1.748	1.748	0.000	96	1194843	100.0	104.4	
$ 5 2-Fluorophenol	112	2.401	2.401	0.000	97	623104	50.0	48.2	
7 Benzaldehyde	77	2.989	2.989	0.000	96	130024	20.0	13.0	
$ 8 Phenol-d5	99	3.036	3.036	0.000	0	594457	50.0	38.9	
9 Phenol	94	3.042	3.042	0.000	98	670926	50.0	43.9	
10 Aniline	93	3.072	3.072	0.000	98	761349	50.0	43.1	
11 Bis(2-chloroethyl)ether	93	3.119	3.119	0.000	96	606052	50.0	50.5	
12 2-Chlorophenol	128	3.154	3.154	0.000	75	639727	50.0	46.8	
13 n-Decane	43	3.195	3.195	0.000	88	564482	50.0	55.6	
14 1,3-Dichlorobenzene	146	3.266	3.266	0.000	96	789163	50.0	50.6	
* 15 1,4-Dichlorobenzene-d4	152	3.307	3.307	0.000	96	416542	40.0	40.0	
16 1,4-Dichlorobenzene	146	3.319	3.319	0.000	93	788841	50.0	50.0	
17 Benzyl alcohol	108	3.413	3.413	0.000	91	344658	50.0	40.7	
18 1,2-Dichlorobenzene	146	3.430	3.430	0.000	95	748955	50.0	49.9	
19 2-Methylphenol	108	3.501	3.501	0.000	64	509950	50.0	44.8	
20 2,2'-oxybis[1-chloropropane]	45	3.519	3.519	0.000	62	694162	50.0	54.8	
130 N-Methylaniline	106	3.607	3.607	0.000	91	723351	50.0	36.1	a
21 Acetophenone	105	3.619	3.619	0.000	95	1096852	50.0	57.9	
22 4-Methylphenol	108	3.624	3.624	0.000	90	566137	50.0	42.9	
23 3 & 4 Methylphenol	108	3.624	3.624	0.000	0	566137	50.0	42.9	
24 N-Nitrosodi-n-propylamine	70	3.624	3.624	0.000	70	377881	50.0	53.7	
25 Hexachloroethane	117	3.689	3.689	0.000	92	294881	50.0	49.9	
$ 26 Nitrobenzene-d5	82	3.730	3.730	0.000	85	761549	50.0	56.9	
27 Nitrobenzene	123	3.742	3.742	0.000	95	330485	50.0	52.1	
28 n,n'-Dimethylaniline	120	3.748	3.748	0.000	85	891824	50.0	44.7	
29 Isophorone	82	3.930	3.930	0.000	99	1241803	50.0	53.5	
30 2-Nitrophenol	139	3.983	3.983	0.000	91	298714	50.0	43.7	
31 2,4-Dimethylphenol	122	4.030	4.030	0.000	92	433365	50.0	45.7	
32 Bis(2-chloroethoxy)methane	93	4.107	4.107	0.000	99	686212	50.0	45.2	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
33 Benzoic acid	122	4.136	4.136	0.000	84	290483	50.0	35.6	
34 2,4-Dichlorophenol	162	4.171	4.171	0.000	98	520354	50.0	48.2	
35 1,2,4-Trichlorobenzene	180	4.236	4.236	0.000	92	631918	50.0	49.4	
* 36 Naphthalene-d8	136	4.277	4.277	0.000	99	1528829	40.0	40.0	
37 Naphthalene	128	4.295	4.295	0.000	98	1989272	50.0	50.9	
38 4-Chloroaniline	127	4.342	4.342	0.000	90	662325	50.0	41.9	
39 Hexachlorobutadiene	225	4.395	4.395	0.000	97	364859	50.0	47.7	
40 Caprolactam	113	4.624	4.624	0.000	93	75662	20.0	23.8	E
41 4-Chloro-3-methylphenol	107	4.724	4.724	0.000	91	514177	50.0	48.9	
42 2-Methylnaphthalene	142	4.824	4.824	0.000	81	1320960	50.0	49.5	
43 1-Methylnaphthalene	142	4.901	4.901	0.000	89	1232210	50.0	50.4	
44 Hexachlorocyclopentadiene	237	4.948	4.948	0.000	88	233191	50.0	38.1	
45 1,2,4,5-Tetrachlorobenzene	216	4.954	4.954	0.000	98	637989	50.0	49.8	
46 2-tertbutyl-4-methylphenol	149	5.001	5.001	0.000	90	793633	50.0	50.0	
47 2,4,6-Trichlorophenol	196	5.048	5.048	0.000	94	410782	50.0	51.5	
48 2,4,5-Trichlorophenol	196	5.071	5.071	0.000	97	409735	50.0	47.2	
$ 50 2-Fluorobiphenyl	172	5.118	5.118	0.000	97	1554376	50.0	52.1	
51 1,1'-Biphenyl	154	5.189	5.189	0.000	95	1566616	50.0	49.9	
52 2-Chloronaphthalene	162	5.195	5.195	0.000	96	1198258	50.0	49.6	
53 Phenyl ether	170	5.271	5.271	0.000	84	892603	50.0	50.3	
54 2-Nitroaniline	65	5.283	5.283	0.000	96	397080	50.0	52.7	
55 1,3-Dimethylnaphthalene	156	5.365	5.365	0.000	90	1016523	50.0	50.8	
57 Coumarin	146	5.436	5.436	0.000	63	463865	50.0	47.0	
56 Dimethyl phthalate	163	5.436	5.436	0.000	98	1388010	50.0	49.6	
58 2,6-Dinitrotoluene	165	5.477	5.477	0.000	53	321962	50.0	56.5	
59 Acenaphthylene	152	5.507	5.507	0.000	97	1889621	50.0	51.5	
60 3-Nitroaniline	138	5.595	5.595	0.000	96	296588	50.0	44.8	
* 61 Acenaphthene-d10	164	5.613	5.613	0.000	95	816170	40.0	40.0	
62 Acenaphthene	154	5.642	5.642	0.000	93	1143875	50.0	50.5	
63 3,5-di-tert-butyl-4-hydroxytol	205	5.654	5.654	0.000	94	947452	50.0	49.7	
64 2,4-Dinitrophenol	184	5.677	5.677	0.000	65	275414	100.0	73.2	
65 4-Nitrophenol	65	5.736	5.736	0.000	88	305987	100.0	73.5	
66 Dibenzofuran	168	5.771	5.771	0.000	92	1677379	50.0	48.2	
67 2,4-Dinitrotoluene	165	5.771	5.771	0.000	64	418864	50.0	53.6	
68 2,3,4,6-Tetrachlorophenol	232	5.865	5.865	0.000	96	355756	50.0	48.1	
69 Diethyl phthalate	149	5.977	5.977	0.000	99	1440673	50.0	50.5	
70 Fluorene	166	6.030	6.030	0.000	82	1365324	50.0	48.7	
71 4-Chlorophenyl phenyl ether	204	6.036	6.036	0.000	84	639407	50.0	47.7	
72 4-Nitroaniline	138	6.065	6.065	0.000	34	261777	50.0	38.9	
73 4,6-Dinitro-2-methylphenol	198	6.077	6.077	0.000	84	470628	100.0	96.4	
74 N-Nitrosodiphenylamine	169	6.130	6.130	0.000	69	875074	50.0	44.2	
132 Azobenzene	77	6.160	6.160	0.000	0	1351142	50.0	52.8	
75 1,2-Diphenylhydrazine	77	6.160	6.160	0.000	0	1354722	50.0	53.0	
$ 76 2,4,6-Tribromophenol	330	6.207	6.207	0.000	91	308407	50.0	46.8	
77 4-Bromophenyl phenyl ether	248	6.401	6.401	0.000	86	405313	50.0	47.3	
78 Hexachlorobenzene	284	6.436	6.436	0.000	84	538153	50.0	48.9	
79 Atrazine	200	6.542	6.542	0.000	93	168903	20.0	21.8	
80 Pentachlorophenol	266	6.589	6.589	0.000	90	684662	100.0	103.6	
81 Pentachloronitrobenzene	237	6.595	6.595	0.000	87	195194	50.0	50.7	
82 n-Octadecane	57	6.683	6.683	0.000	89	828762	50.0	57.0	
* 83 Phenanthrene-d10	188	6.724	6.724	0.000	99	1551847	40.0	40.0	
84 Phenanthrene	178	6.748	6.748	0.000	96	1988630	50.0	50.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
85 Anthracene	178	6.783	6.783	0.000	98	1898199	50.0	46.2	
87 Carbazole	167	6.907	6.907	0.000	83	1746964	50.0	46.3	
88 Di-n-butyl phthalate	149	7.195	7.195	0.000	99	2486550	50.0	55.9	
89 Fluoranthene	202	7.630	7.630	0.000	98	2251596	50.0	51.2	
90 Benzidine	184	7.754	7.754	0.000	94	83999	50.0	4.73	Ma
91 Pyrene	202	7.795	7.795	0.000	97	2339914	50.0	53.2	
92 Bisphenol-A	213	7.854	7.854	0.000	99	840761	50.0	43.9	
$ 93 Terphenyl-d14	244	7.930	7.930	0.000	97	2004999	50.0	52.0	
95 Butyl benzyl phthalate	149	8.318	8.318	0.000	95	1079295	50.0	55.9	
96 2,3,7,8-TCDD	320	8.359	8.359	0.000	48	3993	0.5000	0.4859	
97 Carbamazepine	193	8.389	8.389	0.000	89	838513	50.0	47.5	
99 3,3'-Dichlorobenzidine	252	8.736	8.736	0.000	79	692451	50.0	41.5	
100 Benzo[a]anthracene	228	8.742	8.742	0.000	99	2161018	50.0	49.0	
* 98 Chrysene-d12	240	8.754	8.754	0.000	99	1368128	40.0	40.0	
101 Chrysene	228	8.777	8.777	0.000	96	2269194	50.0	52.3	
102 Bis(2-ethylhexyl) phthalate	149	8.812	8.812	0.000	84	1590848	50.0	55.8	
103 Di-n-octyl phthalate	149	9.436	9.436	0.000	95	2738491	50.0	58.2	
104 Benzo[b]fluoranthene	252	9.753	9.753	0.000	97	2212797	50.0	53.9	
105 Benzo[k]fluoranthene	252	9.783	9.783	0.000	99	2568284	50.0	54.6	
106 Benzo[a]pyrene	252	10.077	10.077	0.000	97	2152442	50.0	56.9	
* 107 Perylene-d12	264	10.136	10.136	0.000	99	1573972	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	11.230	11.230	0.000	95	2243465	50.0	49.7	
109 Dibenz(a,h)anthracene	278	11.265	11.265	0.000	43	2176290	50.0	51.8	
110 Benzo[g,h,i]perylene	276	11.506	11.506	0.000	97	2225763	50.0	53.4	
131 2,6-Dichlorophenol	162	4.348	4.348	0.000	96	528835	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

E - Exceeded Maximum Amount

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SV_BNA_L7_00007 Amount Added: 1.00 Units: mL

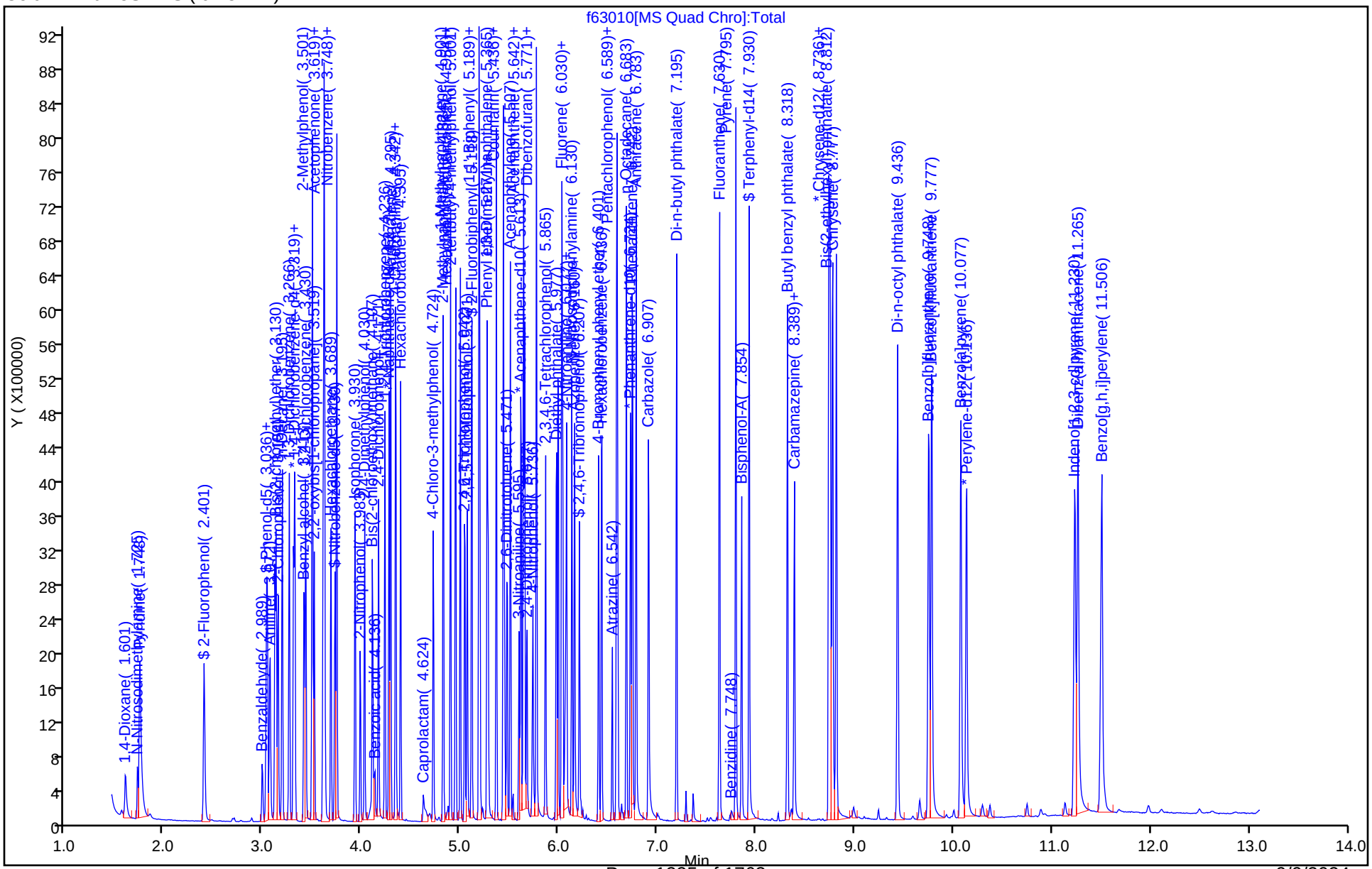
Report Date: 02-Sep-2024 14:29:29 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20240901-180333.b\f63010.D

Injection Date:	01-Sep-2024 12:31:05	Instrument ID:	CBNAMS15	Operator ID:	
Lims ID:	CCVIS			Worklist Smp#:	2
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



9/9/2024
1:05:41 PM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20240808-179362.b\Z87617.d
Lims ID: DFTPP
Client ID:
Sample Type: DFTPP
Inject. Date: 08-Aug-2024 07:15:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0179362-001
Operator ID: Instrument ID: CBNAMS11

Method: \\chromfs\Edison\ChromData\CBNAMS11\20240808-179362.b\8270_11R_9.m
Limit Group: SV 8270E ICAL
Last Update: 08-Aug-2024 11:50:28 Calib Date: 08-Aug-2024 10:31:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS11\20240808-179362.b\Z87626.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1667

First Level Reviewer: G4KC Date: 08-Aug-2024 11:50:28

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
30 Pentachlorophenol_T	266	3.849	3.849	0.000	96	221181	NR	NR	a
56 Benzidine_T	184	5.146	5.146	0.000	99	1140088	NR	NR	
124 DFTPP									
125 4,4'-DDE	246	5.296	5.296	0.000	88	800		NR	a
126 4,4'-DDD	235	5.590	5.590	0.000	97	8325		NR	a
127 4,4'-DDT	235	5.807	5.807	0.000	98	555663	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard
Review Flags
a - User Assigned ID

Reagents:

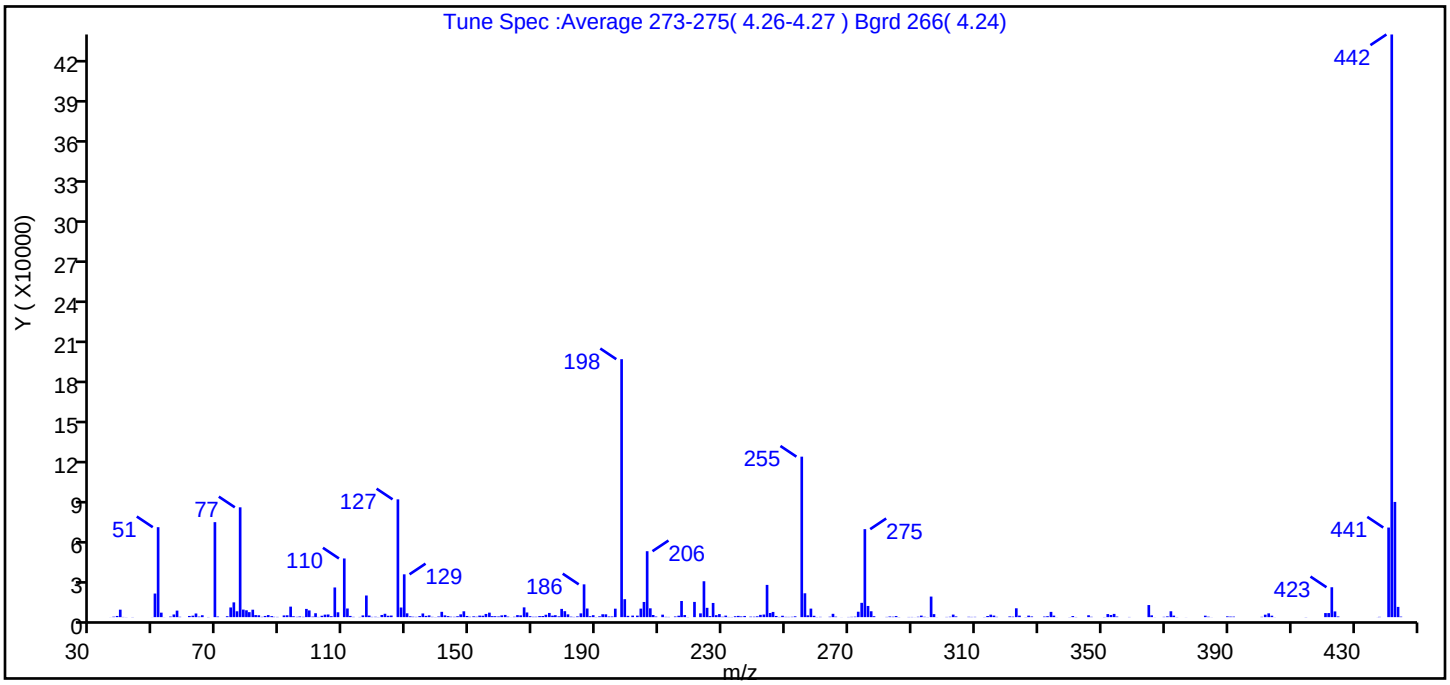
SMDFTP_CH_00036 Amount Added: 1.00 Units: mL

MS Tune Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20240808-179362.b\Z87617.d
Injection Date: 08-Aug-2024 07:15:30 Instrument ID: CBNAMS11
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_11R_9 Limit Group: SV 8270E ICAL
Tune Method: DFTPP Method 8270E, BP 198

124 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base peak or present	100.0
68	<2% of m/z 69	0.0 (0.0)
69	Present	36.8
70	<2% of m/z 69	0.2 (0.6)
197	<2% of m/z 198	0.0
199	5-9% of m/z 198	7.0
365	>1% of m/z 198	4.7
441	<150% of m/z 443	34.7 (77.8)
442	Present	225.9
443	15-24% of m/z 442	44.7 (19.8)

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20240808-179362.b\Z87617.d\8270_11R_9.rslt\spectra.d
Injection Date: 08-Aug-2024 07:15:30
Spectrum: Tune Spec :Average 273-275(4.26-4.27) Bgrd 266(4.24)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 297

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	51	128.00	7134	205.00	11233	295.00	93
37.00	347	129.00	31704	206.00	48816	296.00	15227
38.00	880	130.00	2832	207.00	6540	297.00	2232
39.00	5534	131.00	602	208.00	1592	298.00	53
40.00	149	132.00	325	209.00	438	301.00	170
41.00	82	133.00	207	211.00	1836	302.00	290
43.00	112	134.00	780	212.00	218	303.00	1891
49.00	46	135.00	2726	213.00	177	304.00	524
50.00	17472	136.00	924	215.00	497	308.00	264
51.00	66592	137.00	1314	216.00	1044	309.00	184
52.00	3321	138.00	243	217.00	11950	310.00	220
53.00	53	139.00	116	218.00	1540	313.00	116
55.00	411	140.00	472	219.00	112	314.00	851
56.00	1983	141.00	3943	221.00	11272	315.00	1839
57.00	4832	142.00	1314	223.00	2805	316.00	1157
58.00	254	143.00	766	224.00	26576	317.00	223
61.00	866	144.00	327	225.00	6892	321.00	520
62.00	1088	145.00	262	226.00	757	322.00	362
63.00	2711	146.00	658	227.00	10501	323.00	6559
64.00	388	147.00	2067	228.00	1455	324.00	1125
65.00	1401	148.00	4329	229.00	2252	326.00	106
67.00	120	149.00	861	230.00	295	327.00	1132
69.00	70328	150.00	271	231.00	1129	328.00	509
70.00	454	151.00	598	232.00	171	332.00	438
73.00	679	152.00	301	233.00	126	333.00	700
74.00	7170	153.00	1140	234.00	660	334.00	3897
75.00	10937	154.00	1035	235.00	926	335.00	1119
76.00	4340	155.00	2372	236.00	516	336.00	52
77.00	81312	156.00	3321	237.00	879	340.00	102
78.00	5587	157.00	728	239.00	376	341.00	811
79.00	5069	158.00	690	240.00	340	342.00	129
80.00	3691	159.00	515	241.00	602	346.00	1391
81.00	5511	160.00	1302	242.00	1688	347.00	259

Report Date: 08-Aug-2024 11:50:29 Chrom Revision: 2.3 16-Jul-2024 14:17:34
Data File: \\chromfs\Edison\ChromData\CBNAMS11\20240808-179362.b\Z87617.d\8270_11R_9.rslt\spectra.d
Injection Date: 08-Aug-2024 07:15:30
Spectrum: Tune Spec :Average 273-275(4.26-4.27) Bgrd 266(4.24)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 297

m/z	Y	m/z	Y	m/z	Y	m/z	Y
82.00	1520	161.00	1644	243.00	1925	351.00	111
83.00	1364	162.00	420	244.00	23872	352.00	2275
84.00	223	163.00	52	245.00	3061	353.00	1591
85.00	879	164.00	306	246.00	3859	354.00	2399
86.00	1529	165.00	1502	247.00	868	355.00	425
87.00	744	166.00	1311	248.00	157	359.00	143
88.00	241	167.00	7238	249.00	1016	365.00	8946
89.00	180	168.00	3461	250.00	219	366.00	1325
91.00	1267	169.00	697	251.00	194	367.00	50
92.00	1375	170.00	274	252.00	268	370.00	246
93.00	7780	171.00	300	253.00	614	371.00	579
94.00	644	172.00	793	255.00	118808	372.00	4353
95.00	228	173.00	843	256.00	17664	373.00	1124
96.00	480	174.00	1787	257.00	1334	374.00	117
97.00	226	175.00	3114	258.00	6322	377.00	50
98.00	6097	176.00	1092	259.00	998	383.00	1080
99.00	4979	177.00	1436	260.00	125	384.00	352
100.00	360	178.00	574	261.00	210	385.00	60
101.00	2896	179.00	6106	264.00	311	390.00	604
102.00	172	180.00	4411	265.00	2464	391.00	415
103.00	1023	181.00	2073	266.00	362	392.00	399
104.00	1855	182.00	351	268.00	50	401.00	233
105.00	1966	183.00	172	270.00	142	402.00	1822
106.00	681	184.00	548	271.00	232	403.00	2821
107.00	21968	185.00	2815	272.00	352	404.00	1065
108.00	3590	186.00	24280	273.00	4014	405.00	55
110.00	43440	187.00	6389	274.00	10589	415.00	107
111.00	6406	188.00	685	275.00	65136	421.00	3018
112.00	912	189.00	1437	276.00	8276	422.00	3023
113.00	216	190.00	122	277.00	4356	423.00	22136
115.00	149	191.00	614	278.00	682	424.00	4238
116.00	1289	192.00	2131	282.00	173	425.00	494
117.00	16029	193.00	2102	283.00	488	438.00	54
118.00	1193	194.00	479	284.00	333	438.00	218

Report Date: 08-Aug-2024 11:50:29 Chrom Revision: 2.3 16-Jul-2024 14:17:34
Data File: \\chromfs\Edison\ChromData\CBNAMS11\20240808-179362.b\Z87617.d\8270_11R_9.rslt\spectra.d
Injection Date: 08-Aug-2024 07:15:30
Spectrum: Tune Spec :Average 273-275(4.26-4.27) Bgrd 266(4.24)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 297

m/z	Y	m/z	Y	m/z	Y	m/z	Y
119.00	202	195.00	476	285.00	829	441.00	66336
120.00	279	196.00	6271	286.00	110	442.00	431360
121.00	122	198.00	190976	289.00	143	443.00	85296
122.00	1601	199.00	13299	290.00	153	444.00	7580
123.00	2497	200.00	968	291.00	50	445.00	388
124.00	1019	201.00	1139	292.00	289		
125.00	1178	203.00	1132	293.00	1136		
127.00	87208	204.00	6311	294.00	266		

Breakdown Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20240808-179362.b\Z87617.d
Injection Date: 08-Aug-2024 07:15:30 Instrument ID: CBNAMS11
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_11R_9 Limit Group: SV 8270E ICAL

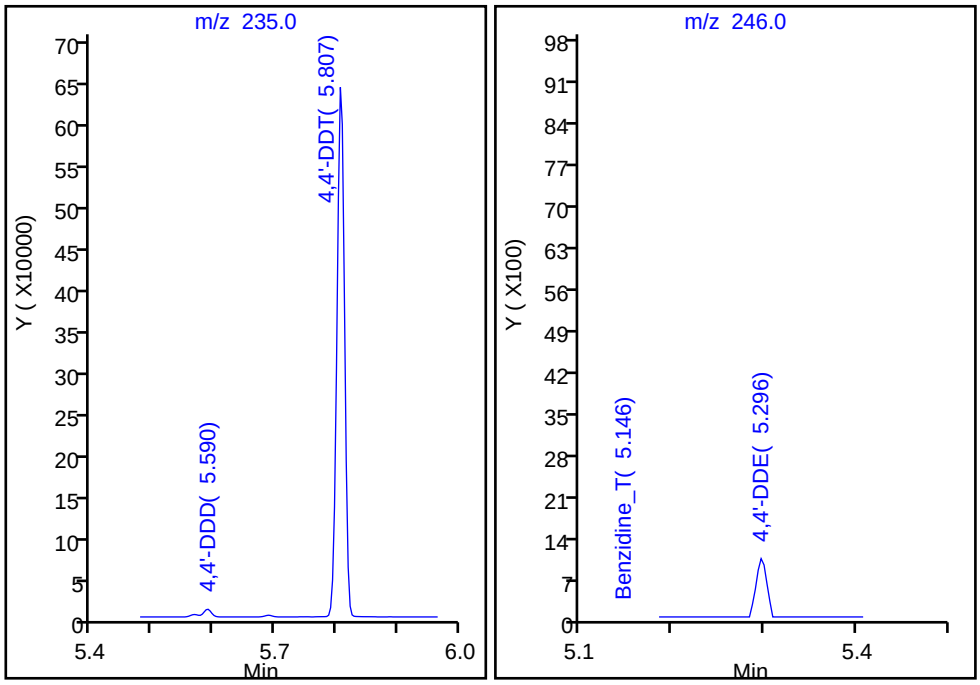
127 4,4'-DDT, Detector: MS SCAN

SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

127 4,4'-DDT, Area = 555663
126 4,4'-DDD, Area = 8325
125 4,4'-DDE, Area = 800

%Breakdown: 1.62%, <= 20.00%
Passed



Peak Tailing Report

Eurofins Edison

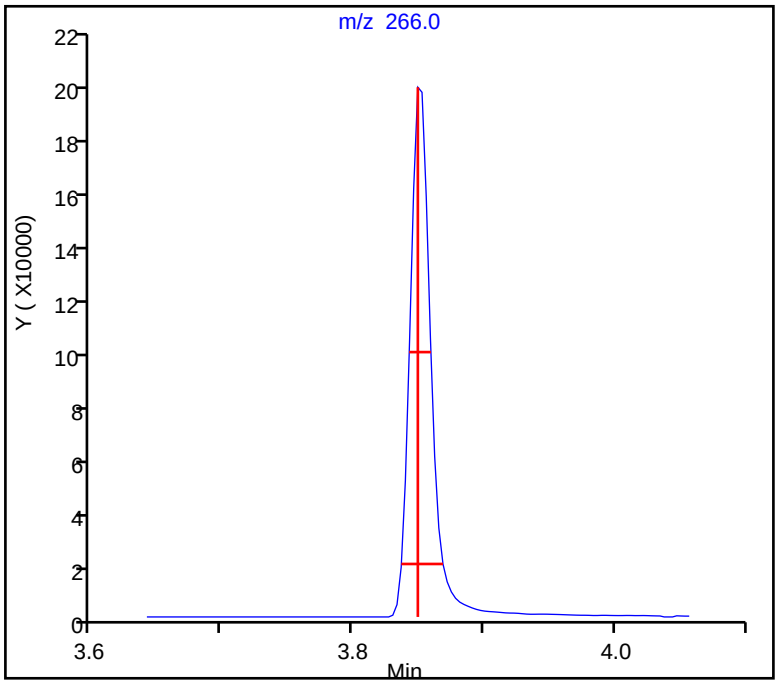
Data File: \\chromfs\Edison\ChromData\CBNAMS11\20240808-179362.b\Z87617.d
Injection Date: 08-Aug-2024 07:15:30 Instrument ID: CBNAMS11
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_11R_9 Limit Group: SV 8270E ICAL

30 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.019 (min.)
Front Width = 0.013 (min.)

Tailing Factor = 1.46, Max. Tailing <= 2.00
Passed



Peak Tailing Report

Eurofins Edison

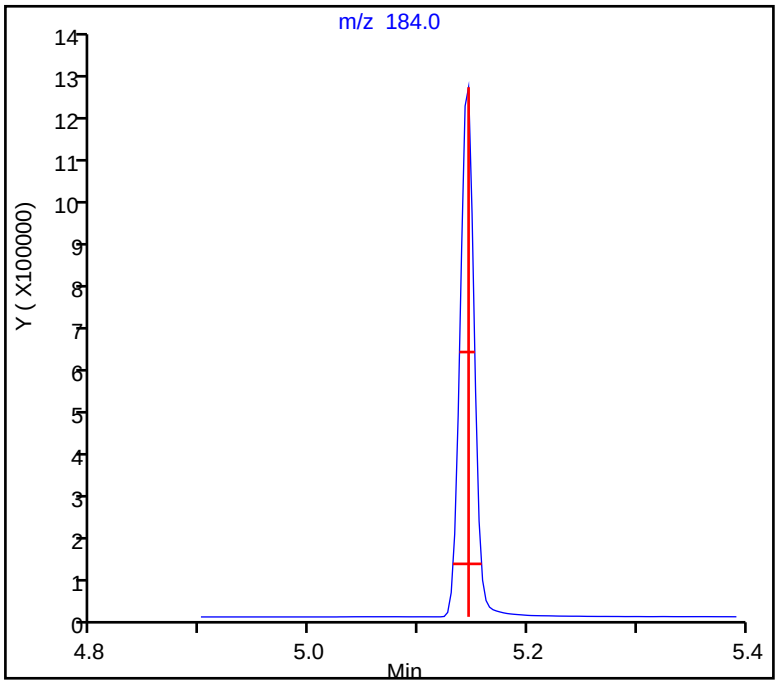
Data File: \\chromfs\Edison\ChromData\CBNAMS11\20240808-179362.b\Z87617.d
Injection Date: 08-Aug-2024 07:15:30 Instrument ID: CBNAMS11
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_11R_9 Limit Group: SV 8270E ICAL

56 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.012 (min.)
Front Width = 0.014 (min.)

Tailing Factor = 0.86, Max. Tailing <= 2.00
Passed



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20240730-179025.b\f62111a.D
Lims ID: DFTPP
Client ID:
Sample Type: DFTPP
Inject. Date: 30-Jul-2024 11:57:28 ALS Bottle#: 0 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0179025-001
Operator ID: Instrument ID: CBNAMS15

Method: \\chromfs\Edison\ChromData\CBNAMS15\20240730-179025.b\8270_15R_9.m
Limit Group: SV 8270E ICAL
Last Update: 30-Jul-2024 15:52:49 Calib Date: 30-Jul-2024 14:30:00
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20240730-179025.b\f62120.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1646

First Level Reviewer: LKI7 Date: 30-Jul-2024 12:31:09

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
4 Pentachlorophenol_T	266	2.299	2.299	0.000	94	400025	NR	NR	
6 Benzidine_T	184	2.895	2.895	0.000	99	1811735	NR	NR	
121 DFTPP									
122 4,4'-DDE	246	2.963	2.963	0.000	71	3844		NR	
123 4,4'-DDD	235	3.117	3.117	0.000	84	20660		NR	
124 4,4'-DDT	235	3.221	3.221	0.000	98	811002	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

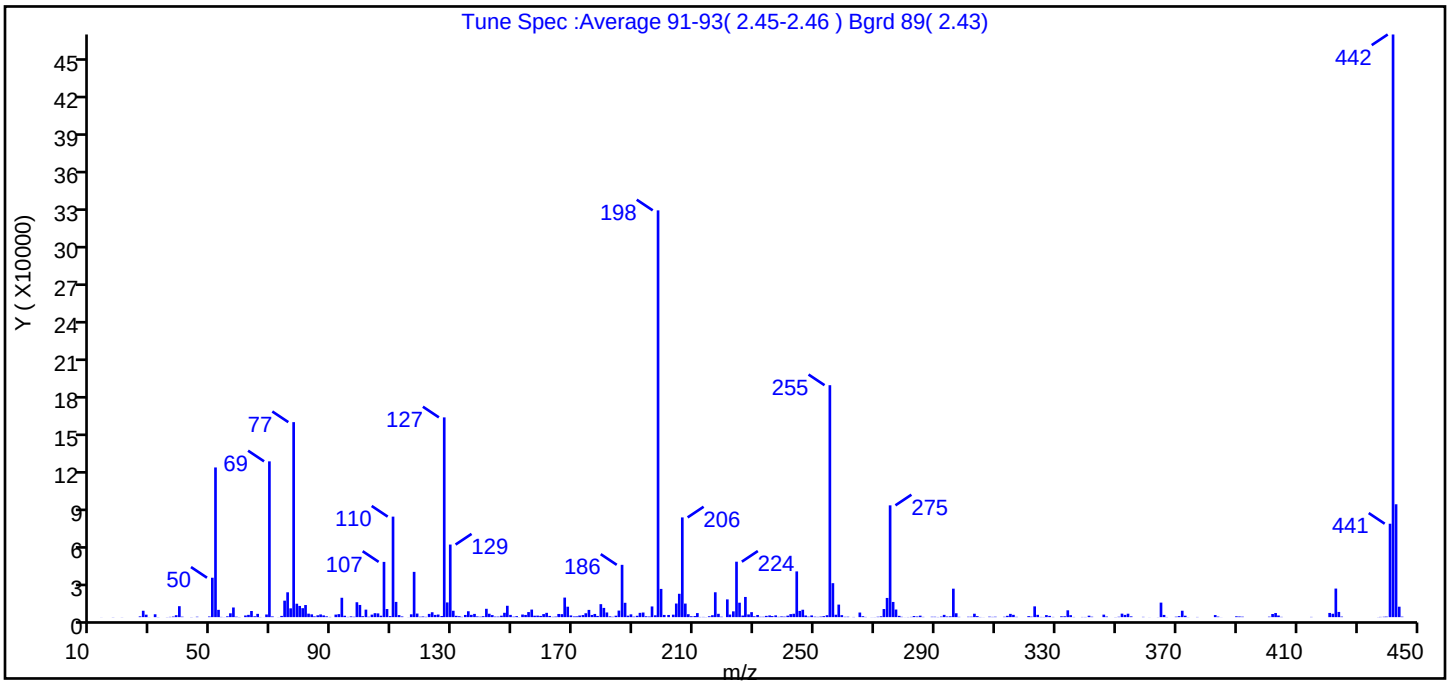
SMDFTP_CH_00036 Amount Added: 1.00 Units: mL

MS Tune Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20240730-179025.b\f62111a.D
Injection Date: 30-Jul-2024 11:57:28 Instrument ID: CBNAMS15
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_15R_9 Limit Group: SV 8270E ICAL
Tune Method: DFTPP Method 8270E, BP 198

121 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base peak or present	100.0
68	<2% of m/z 69	0.7 (1.7)
69	Present	38.3
70	<2% of m/z 69	0.2 (0.5)
197	<2% of m/z 198	0.4
199	5-9% of m/z 198	6.9
365	>1% of m/z 198	3.6
441	<150% of m/z 443	23.0 (82.8)
442	Present	143.2
443	15-24% of m/z 442	27.7 (19.4)

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20240730-179025.b\f62111a.D\8270_15R_9.rslt\spectra.d
Injection Date: 30-Jul-2024 11:57:28
Spectrum: Tune Spec :Average 91-93(2.45-2.46) Bgrd 89(2.43)
Base Peak: 442.05
Minimum % Base Peak: 0
Number of Points: 338

m/z	Y	m/z	Y	m/z	Y	m/z	Y
13.00	55	118.00	2844	204.00	10811	294.00	493
17.00	99	119.00	332	205.00	18536	295.00	601
20.00	78	120.00	526	206.00	79112	296.00	22584
26.00	609	121.00	239	207.00	10763	297.00	3091
27.00	5073	122.00	2570	208.00	2334	298.00	219
28.00	1957	123.00	3887	209.00	701	301.00	332
29.00	58	124.00	1775	210.00	854	302.00	358
31.00	2282	125.00	2067	211.00	3220	303.00	2712
32.00	114	126.00	919	212.00	159	304.00	805
35.00	97	127.00	158464	213.00	179	305.00	137
36.00	205	128.00	11678	214.00	98	306.00	59
37.00	466	129.00	57576	215.00	702	308.00	382
38.00	1522	130.00	5066	216.00	1517	309.00	216
39.00	8704	131.00	1044	217.00	19736	310.00	331
40.00	380	132.00	735	218.00	2642	313.00	307
41.00	5	133.00	216	219.00	330	314.00	1063
42.00	7	134.00	1736	221.00	14086	315.00	2587
43.00	107	135.00	4674	222.00	2039	316.00	1827
44.00	12	136.00	1810	223.00	4606	317.00	242
45.00	331	137.00	2574	224.00	43984	321.00	780
49.00	531	138.00	569	225.00	11458	322.00	380
50.00	31272	139.00	338	226.00	1250	323.00	8553
51.00	118744	140.00	736	227.00	16016	324.00	1834
52.00	5796	141.00	6619	228.00	2160	325.00	174
53.00	191	142.00	2701	229.00	3967	326.00	151
54.00	59	143.00	1621	230.00	667	327.00	1629
55.00	637	144.00	424	231.00	1722	328.00	1003
56.00	3058	145.00	420	232.00	287	329.00	178
57.00	7659	146.00	1158	233.00	301	332.00	681
58.00	367	147.00	3445	234.00	1010	333.00	680
59.00	118	148.00	9018	235.00	1364	334.00	5416
61.00	1306	149.00	1789	236.00	862	335.00	1562
62.00	1808	150.00	367	237.00	1397	336.00	157

Report Date: 30-Jul-2024 15:52:50 Chrom Revision: 2.3 16-Jul-2024 14:17:34
Data File: \\chromfs\Edison\ChromData\CBNAMS15\20240730-179025.b\f62111a.D\8270_15R_9.rslt\spectra.d
Injection Date: 30-Jul-2024 11:57:28
Spectrum: Tune Spec :Average 91-93(2.45-2.46) Bgrd 89(2.43)
Base Peak: 442.05
Minimum % Base Peak: 0
Number of Points: 338

m/z	Y	m/z	Y	m/z	Y	m/z	Y
63.00	4872	151.00	789	238.00	256	339.00	153
64.00	676	152.00	94	239.00	566	340.00	144
65.00	2610	153.00	2073	240.00	401	341.00	1145
66.00	142	154.00	1749	241.00	1183	342.00	338
67.00	35	155.00	4019	242.00	2402	346.00	1998
68.00	2102	156.00	6012	243.00	2681	347.00	457
69.00	123584	157.00	1133	244.00	36288	350.00	111
70.00	563	158.00	1211	245.00	4945	351.00	300
72.00	70	159.00	987	246.00	5877	352.00	2783
73.00	985	160.00	2426	247.00	1316	353.00	1797
74.00	13077	161.00	3415	248.00	388	354.00	2720
75.00	19720	162.00	958	249.00	1361	355.00	600
76.00	6981	163.00	259	250.00	347	359.00	218
77.00	154688	164.00	430	251.00	216	361.00	55
78.00	10654	165.00	2523	252.00	415	364.00	78
79.00	8886	166.00	2376	253.00	803	365.00	11522
80.00	7117	167.00	15513	254.00	1539	366.00	1757
81.00	9603	168.00	8271	255.00	184000	367.00	145
82.00	2757	169.00	1364	256.00	26944	370.00	350
83.00	2220	170.00	546	257.00	1909	371.00	820
84.00	592	171.00	602	258.00	9951	372.00	5083
85.00	1467	172.00	1285	259.00	1578	373.00	1106
86.00	2153	173.00	1648	260.00	273	374.00	87
87.00	1373	174.00	3090	261.00	348	377.00	153
88.00	634	175.00	5753	263.00	153	383.00	1649
89.00	173	176.00	1727	265.00	3654	384.00	442
91.00	2024	177.00	2535	266.00	728	385.00	57
92.00	2384	178.00	956	267.00	173	390.00	681
93.00	15375	179.00	10300	268.00	5	391.00	533
94.00	1108	180.00	7322	269.00	71	392.00	380
95.00	197	181.00	3713	270.00	86	401.00	375
96.00	592	182.00	616	271.00	323	402.00	2486
97.00	296	183.00	288	272.00	651	403.00	3255
98.00	11829	184.00	1127	273.00	6436	404.00	1298

Report Date: 30-Jul-2024 15:52:50 Chrom Revision: 2.3 16-Jul-2024 14:17:34
Data File: \\chromfs\Edison\ChromData\CBNAMS15\20240730-179025.b\f62111a.D\8270_15R_9.rslt\spectra.d
Injection Date: 30-Jul-2024 11:57:28
Spectrum: Tune Spec :Average 91-93(2.45-2.46) Bgrd 89(2.43)
Base Peak: 442.05
Minimum % Base Peak: 0
Number of Points: 338

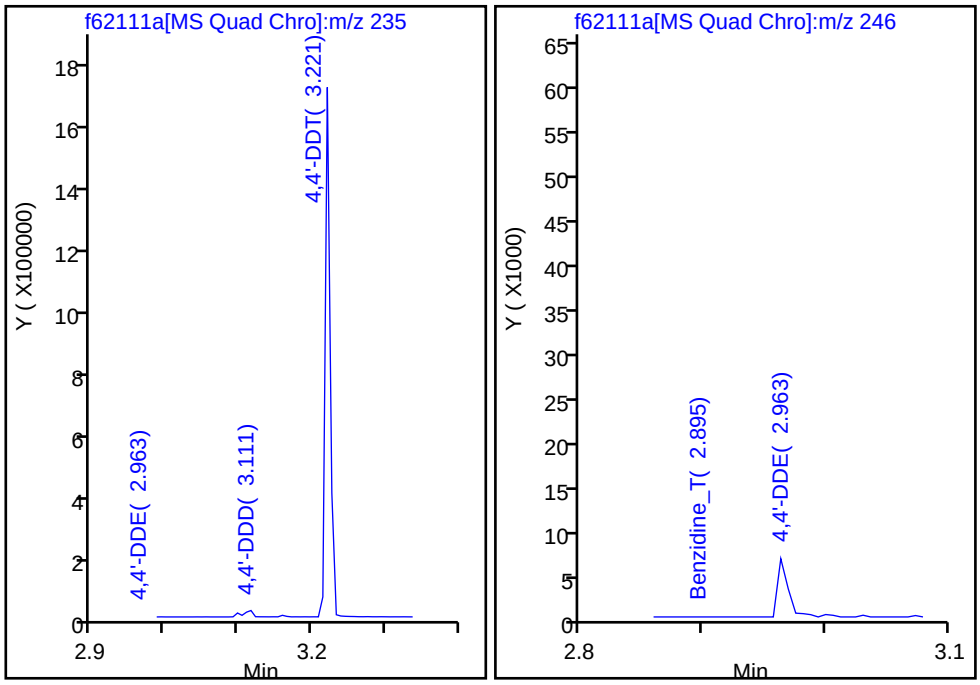
m/z	Y	m/z	Y	m/z	Y	m/z	Y
99.00	9673	185.00	5198	274.00	15230	405.00	215
100.00	768	186.00	41496	275.00	88680	415.00	185
101.00	5961	187.00	11386	276.00	12057	421.00	3332
102.00	316	188.00	1177	277.00	6038	422.00	2698
103.00	1991	189.00	2215	278.00	1031	423.00	22664
104.00	3139	190.00	385	279.00	271	424.00	4128
105.00	2977	191.00	1075	280.00	53	425.00	427
106.00	1129	192.00	3408	281.00	135	437.00	79
107.00	43832	193.00	3670	282.00	208	438.00	190
108.00	6447	194.00	674	283.00	874	439.00	308
109.00	793	195.00	470	284.00	507	440.00	404
110.00	79736	196.00	8479	285.00	1180	441.00	74104
111.00	12086	197.00	1446	286.00	202	442.00	462208
112.00	1626	198.00	322688	289.00	301	443.00	89544
113.00	552	199.00	22392	290.00	300	444.00	8287
115.00	69	200.00	1746	291.00	139	445.00	390
116.00	2242	202.00	1738	292.00	444		
117.00	35912	203.00	1955	293.00	1804		

Breakdown Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20240730-179025.b\f62111a.D
Injection Date: 30-Jul-2024 11:57:28 Instrument ID: CBNAMS15
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_15R_9 Limit Group: SV 8270E ICAL

124 4,4'-DDT, Detector: MS Quad



SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

124 4,4'-DDT, Area = 811002
123 4,4'-DDD, Area = 20660
122 4,4'-DDE, Area = 3844

%Breakdown: 2.93%, <= 20.00%
Passed

Peak Tailing Report

Eurofins Edison

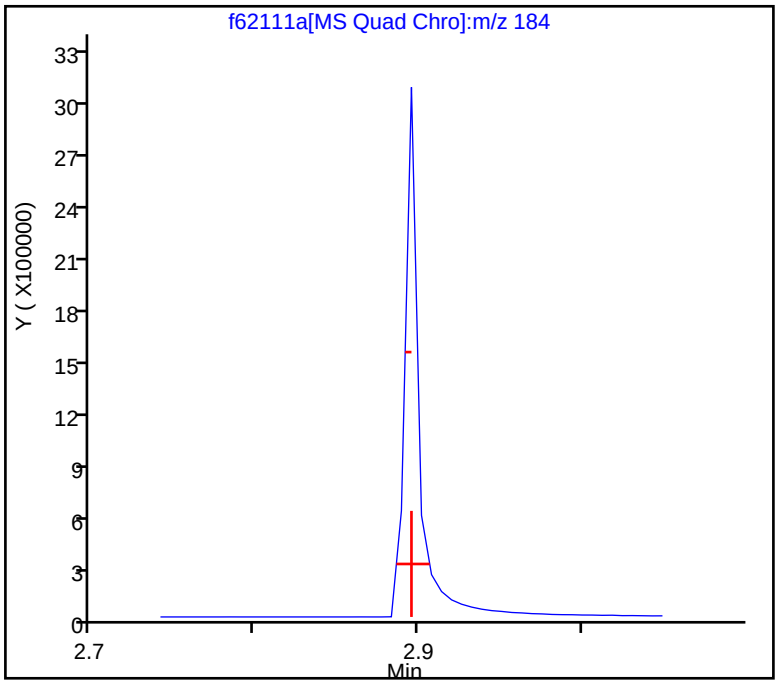
Data File: \\chromfs\Edison\ChromData\CBNAMS15\20240730-179025.b\f62111a.D
Injection Date: 30-Jul-2024 11:57:28 Instrument ID: CBNAMS15
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_15R_9 Limit Group: SV 8270E ICAL

6 Benzidine_T, Detector: MS Quad

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.011 (min.)
Front Width = 0.009 (min.)

Tailing Factor = 1.22, Max. Tailing <= 2.00
Passed



Peak Tailing Report

Eurofins Edison

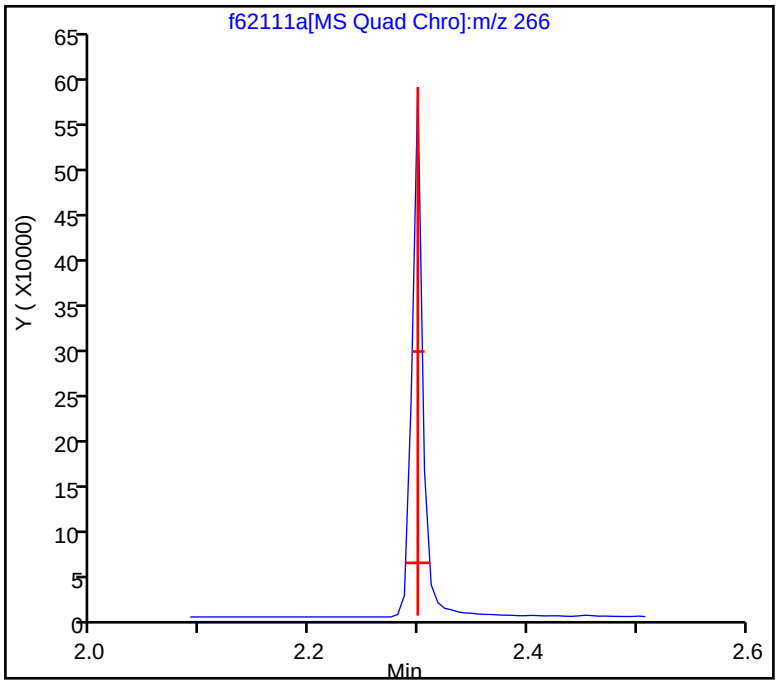
Data File: \\chromfs\Edison\ChromData\CBNAMS15\20240730-179025.b\f62111a.D
Injection Date: 30-Jul-2024 11:57:28 Instrument ID: CBNAMS15
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 0 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_15R_9 Limit Group: SV 8270E ICAL

4 Pentachlorophenol_T, Detector: MS Quad

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.011 (min.)
Front Width = 0.011 (min.)

Tailing Factor = 1.00, Max. Tailing <= 2.00
Passed



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-309671-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-991761/1-A

Matrix: Solid | Lab File ID: Z87894.d

Analysis Method: 8270E | Date Collected:

Extract. Method: 3546 | Date Extracted: 08/21/2024 20:34

Sample wt/vol: 15.00(g) | Date Analyzed: 08/22/2024 07:34

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 991830 | Units: mg/Kg

Preparation Batch No.: 991761 | Instrument ID: BNAMS11

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-12-7	Anthracene	0.010	U	0.33	0.010
56-55-3	Benzo[a]anthracene	0.025	U	0.033	0.025
50-32-8	Benzo[a]pyrene	0.0088	U	0.033	0.0088
205-99-2	Benzo[b]fluoranthene	0.0086	U	0.033	0.0086
191-24-2	Benzo[g,h,i]perylene	0.0098	U	0.33	0.0098
218-01-9	Chrysene	0.014	U	0.33	0.014
86-73-7	Fluorene	0.0097	U	0.33	0.0097
85-01-8	Phenanthrene	0.014	U	0.33	0.014
129-00-0	Pyrene	0.0082	U	0.33	0.0082

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	93		38-128
4165-60-0	Nitrobenzene-d5 (Surr)	92		31-120
1718-51-0	Terphenyl-d14 (Surr)	102		44-147

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20240822-179901.b\Z87894.d
Lims ID: MB 460-991761/1-A
Client ID:
Sample Type: MB
Inject. Date: 22-Aug-2024 07:34:30 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0179901-004
Operator ID: Instrument ID: CBNAMS11

Method: \\chromfs\Edison\ChromData\CBNAMS11\20240822-179901.b\8270_11R_9.m
Limit Group: SV 8270E ICAL
Last Update: 22-Aug-2024 08:41:45 Calib Date: 08-Aug-2024 10:31:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS11\20240808-179362.b\Z87626.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1636

First Level Reviewer: G4KC Date: 22-Aug-2024 08:19:32

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$ 4 2-Fluorophenol	112	2.430	2.424	0.006	97	476280	50.0	45.0	
$ 6 Phenol-d5	99	3.330	3.340	-0.010	95	658921	50.0	47.8	
* 14 1,4-Dichlorobenzene-d4	152	3.672	3.673	-0.001	95	343014	40.0	40.0	
$ 26 Nitrobenzene-d5	82	4.230	4.235	-0.005	86	533242	50.0	46.1	
* 38 Naphthalene-d8	136	4.926	4.932	-0.006	99	1265864	40.0	40.0	
$ 51 2-Fluorobiphenyl	172	5.991	5.996	-0.006	97	1245605	50.0	46.3	
* 65 Acenaphthene-d10	164	6.620	6.624	-0.004	95	713884	40.0	40.0	
$ 80 2,4,6-Tribromophenol	330	7.373	7.378	-0.006	88	339189	50.0	47.2	
* 87 Phenanthrene-d10	188	8.027	8.032	-0.005	98	1379756	40.0	40.0	
$ 96 Terphenyl-d14	244	9.562	9.561	-0.002	97	1623884	50.0	51.2	
* 102 Chrysene-d12	240	10.561	10.571	-0.010	99	1032635	40.0	40.0	
* 109 Perylene-d12	264	12.224	12.234	-0.010	99	1129431	40.0	40.0	

QC Flag Legend
Processing Flags

Reagents:
SM_ISTD_00197 Amount Added: 20.00 Units: uL Run Reagent

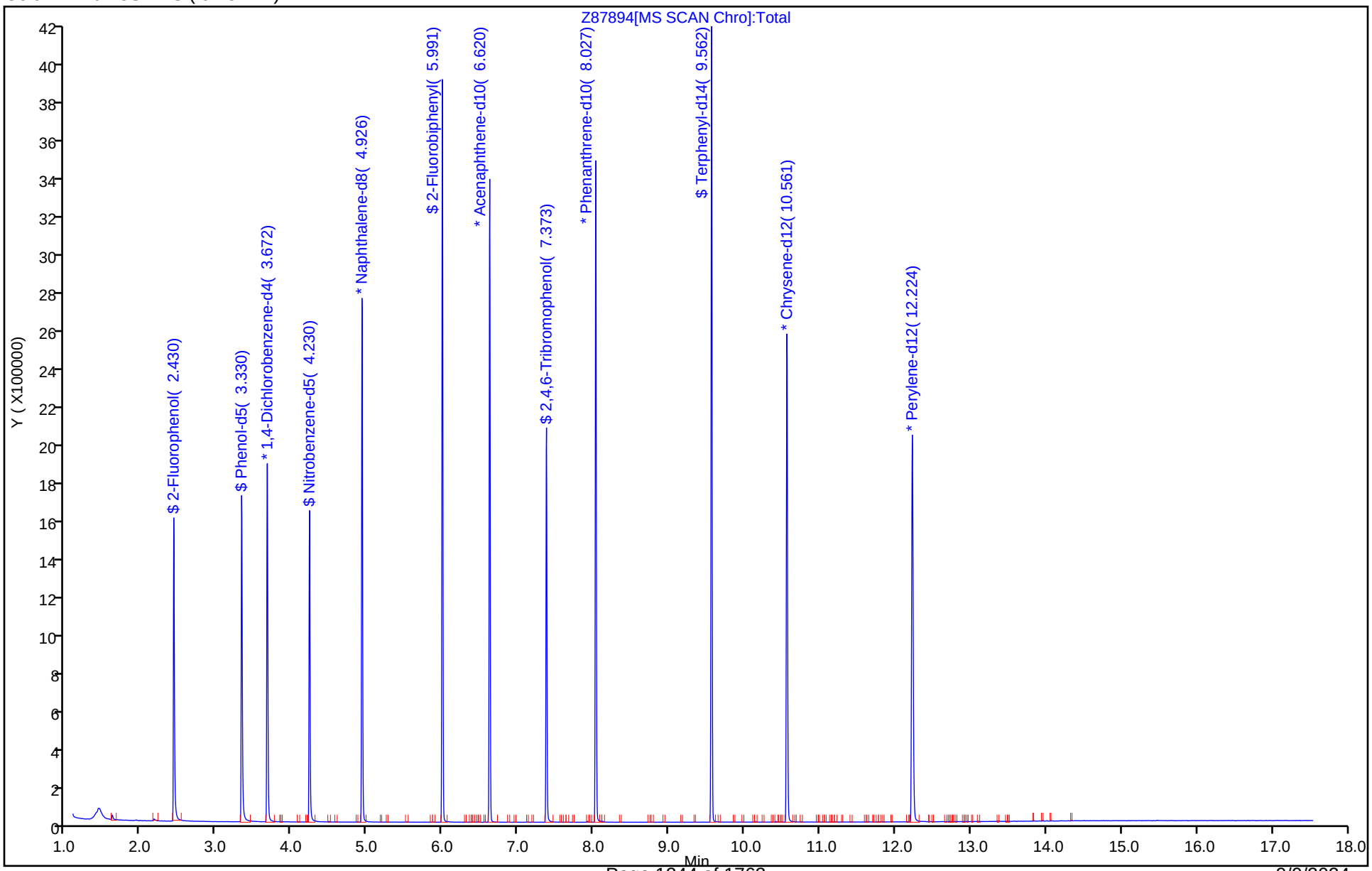
Report Date: 22-Aug-2024 08:42:55 Chrom Revision: 2.3 16-Jul-2024 14:17:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20240822-179901.b\Z87894.d

Injection Date:	22-Aug-2024 07:34:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	MB 460-991761/1-A			Worklist Smp#:	4
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8270_11R_9	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



9/9/2024
1:05:41 PM

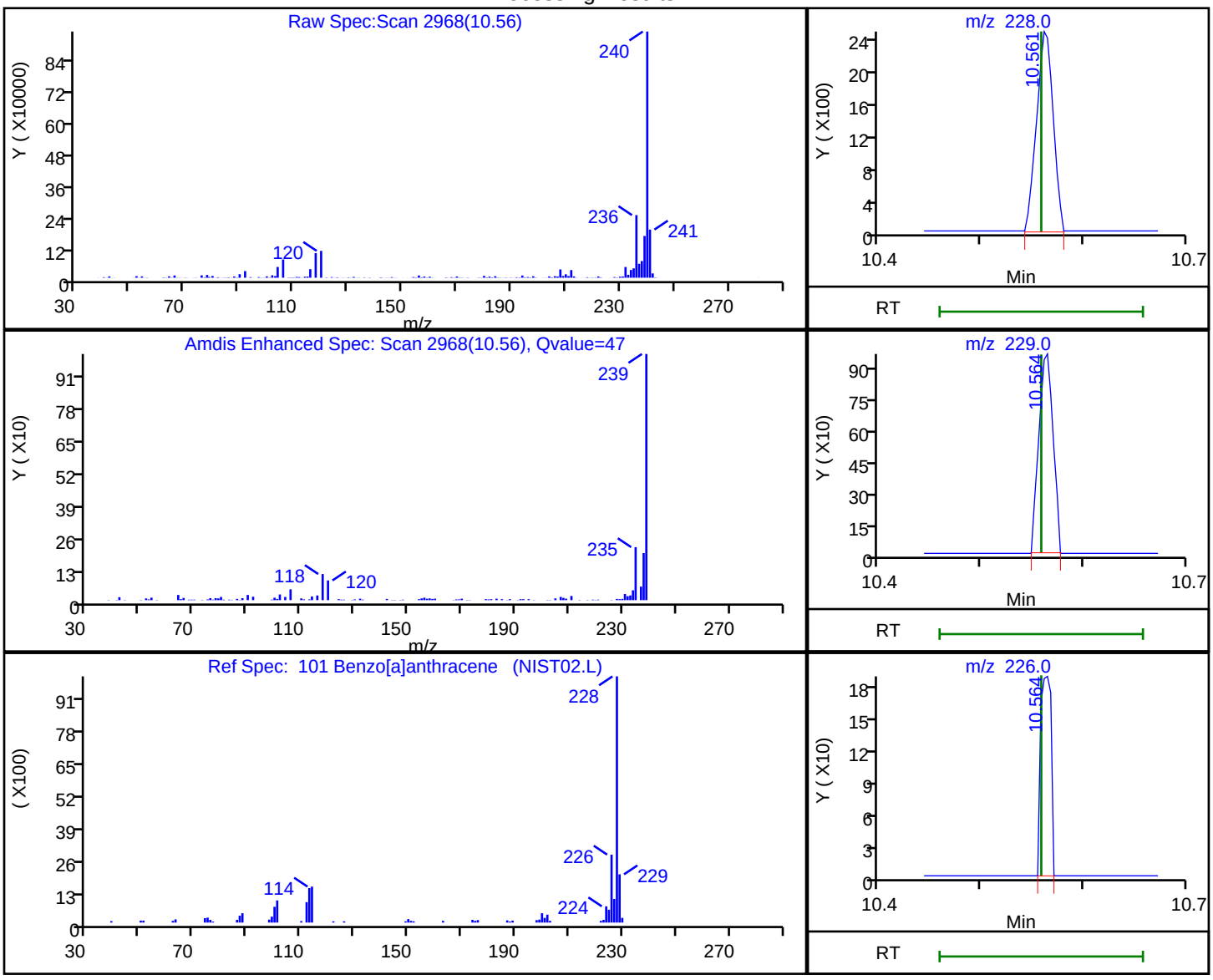
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS11\20240822-179901.b\Z87894.d				
Injection Date:	22-Aug-2024 07:34:30	Instrument ID:	CBNAMS11		
Lims ID:	MB 460-991761/1-A				
Client ID:					
Operator ID:		ALS Bottle#:	4	Worklist Smp#:	4
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_11R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

101 Benzo[a]anthracene, CAS: 56-55-3

Processing Results



RT	Mass	Response	Amount
10.56	228.00	2719	0.080104
10.56	229.00	942	
10.56	226.00	134	

Reviewer: G4KC, 22-Aug-2024 08:19:06 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

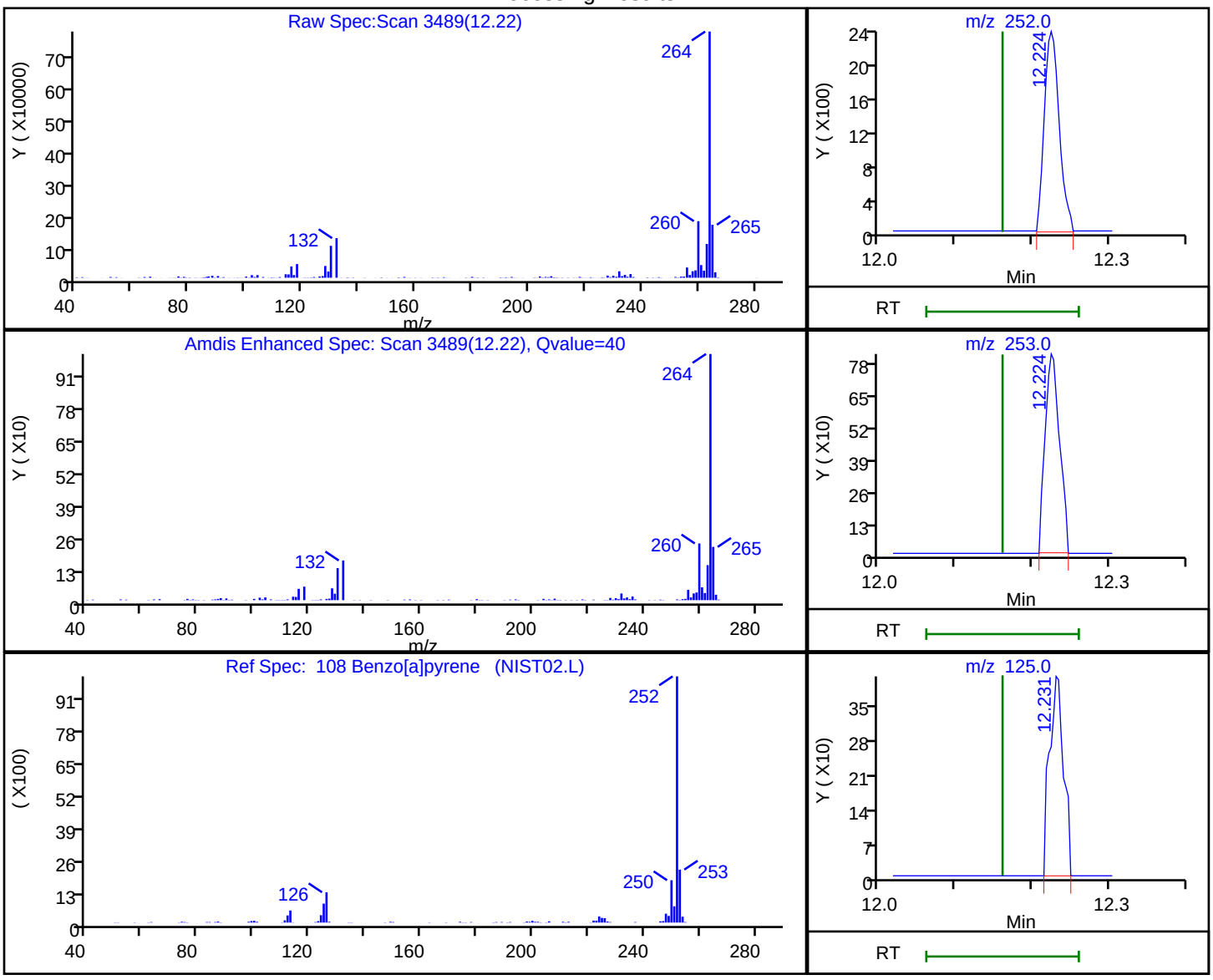
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20240822-179901.b\Z87894.d
Injection Date: 22-Aug-2024 07:34:30 Instrument ID: CBNAMS11
Lims ID: MB 460-991761/1-A
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_11R_9 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS (0.25 mm) Detector MS SCAN

108 Benzo[a]pyrene, CAS: 50-32-8

Processing Results



RT	Mass	Response	Amount
12.22	252.00	3222	0.113555
12.22	253.00	1079	
12.23	125.00	521	

Reviewer: G4KC, 22-Aug-2024 08:19:08 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-309671-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-993561/1-A

Matrix: Solid | Lab File ID: f63012.D

Analysis Method: 8270E | Date Collected:

Extract. Method: 3546 | Date Extracted: 08/30/2024 23:30

Sample wt/vol: 15.00(g) | Date Analyzed: 09/01/2024 13:13

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 993708 | Units: mg/Kg

Preparation Batch No.: 993561 | Instrument ID: CBNAMS15

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-12-7	Anthracene	0.010	U	0.33	0.010
56-55-3	Benzo[a]anthracene	0.025	U	0.033	0.025
50-32-8	Benzo[a]pyrene	0.0088	U	0.033	0.0088
205-99-2	Benzo[b]fluoranthene	0.0086	U	0.033	0.0086
191-24-2	Benzo[g,h,i]perylene	0.0098	U	0.33	0.0098
218-01-9	Chrysene	0.014	U	0.33	0.014
86-73-7	Fluorene	0.0097	U	0.33	0.0097
85-01-8	Phenanthrene	0.014	U	0.33	0.014
129-00-0	Pyrene	0.0082	U	0.33	0.0082

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	98		38-128
4165-60-0	Nitrobenzene-d5 (Surr)	105		31-120
1718-51-0	Terphenyl-d14 (Surr)	101		44-147

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20240901-180333.b\f63012.D
Lims ID: MB 460-993561/1-A
Client ID:
Sample Type: MB
Inject. Date: 01-Sep-2024 13:13:39 ALS Bottle#: 0 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0180333-004
Operator ID: Instrument ID: CBNAMS15

Method: \\chromfs\Edison\ChromData\CBNAMS15\20240901-180333.b\8270_15R_9.m
Limit Group: SV 8270E ICAL
Last Update: 02-Sep-2024 14:31:38 Calib Date: 30-Jul-2024 14:30:00
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20240730-179025.b\f62120.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1635

First Level Reviewer: C8UP Date: 02-Sep-2024 14:31:38

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$ 5 2-Fluorophenol	112	2.395	2.401	-0.006	96	629628	50.0	49.0	
$ 8 Phenol-d5	99	3.024	3.042	-0.012	0	728172	50.0	47.9	
* 15 1,4-Dichlorobenzene-d4	152	3.301	3.307	-0.006	96	414551	40.0	40.0	
$ 26 Nitrobenzene-d5	82	3.718	3.730	-0.012	87	717874	50.0	52.4	
* 36 Naphthalene-d8	136	4.271	4.277	-0.006	99	1565109	40.0	40.0	
$ 50 2-Fluorobiphenyl	172	5.112	5.118	-0.006	98	1548841	50.0	48.8	
* 61 Acenaphthene-d10	164	5.612	5.613	-0.001	96	868428	40.0	40.0	
$ 76 2,4,6-Tribromophenol	330	6.201	6.207	-0.006	91	300062	50.0	42.8	
* 83 Phenanthrene-d10	188	6.724	6.724	0.000	97	1675377	40.0	40.0	
94 2-Naphthylamine	143	7.924	7.871	0.053	41	378		NC	
$ 93 Terphenyl-d14	244	7.924	7.930	-0.006	97	2039001	50.0	50.7	
* 98 Chrysene-d12	240	8.742	8.754	-0.012	99	1425238	40.0	40.0	
* 107 Perylene-d12	264	10.124	10.136	-0.012	98	1659133	40.0	40.0	

QC Flag Legend

Processing Flags
NC - Not Calibrated

Reagents:

SM_ISTD_00197 Amount Added: 20.00 Units: uL Run Reagent

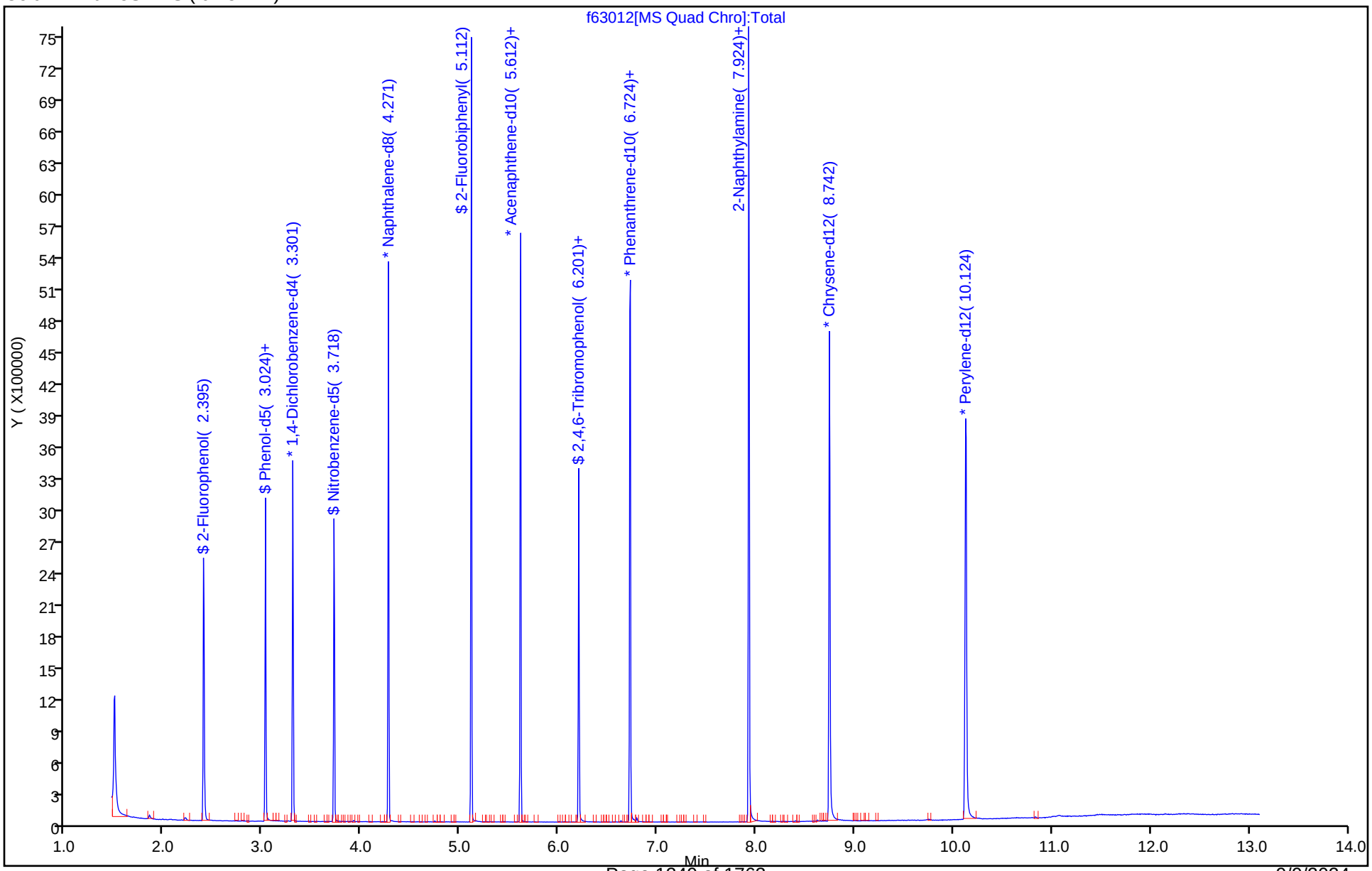
Report Date: 02-Sep-2024 14:31:39 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20240901-180333.b\f63012.D

Injection Date:	01-Sep-2024 13:13:39	Instrument ID:	CBNAMS15	Operator ID:	
Lims ID:	MB 460-993561/1-A			Worklist Smp#:	4
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



9/9/2024
1:05:41 PM

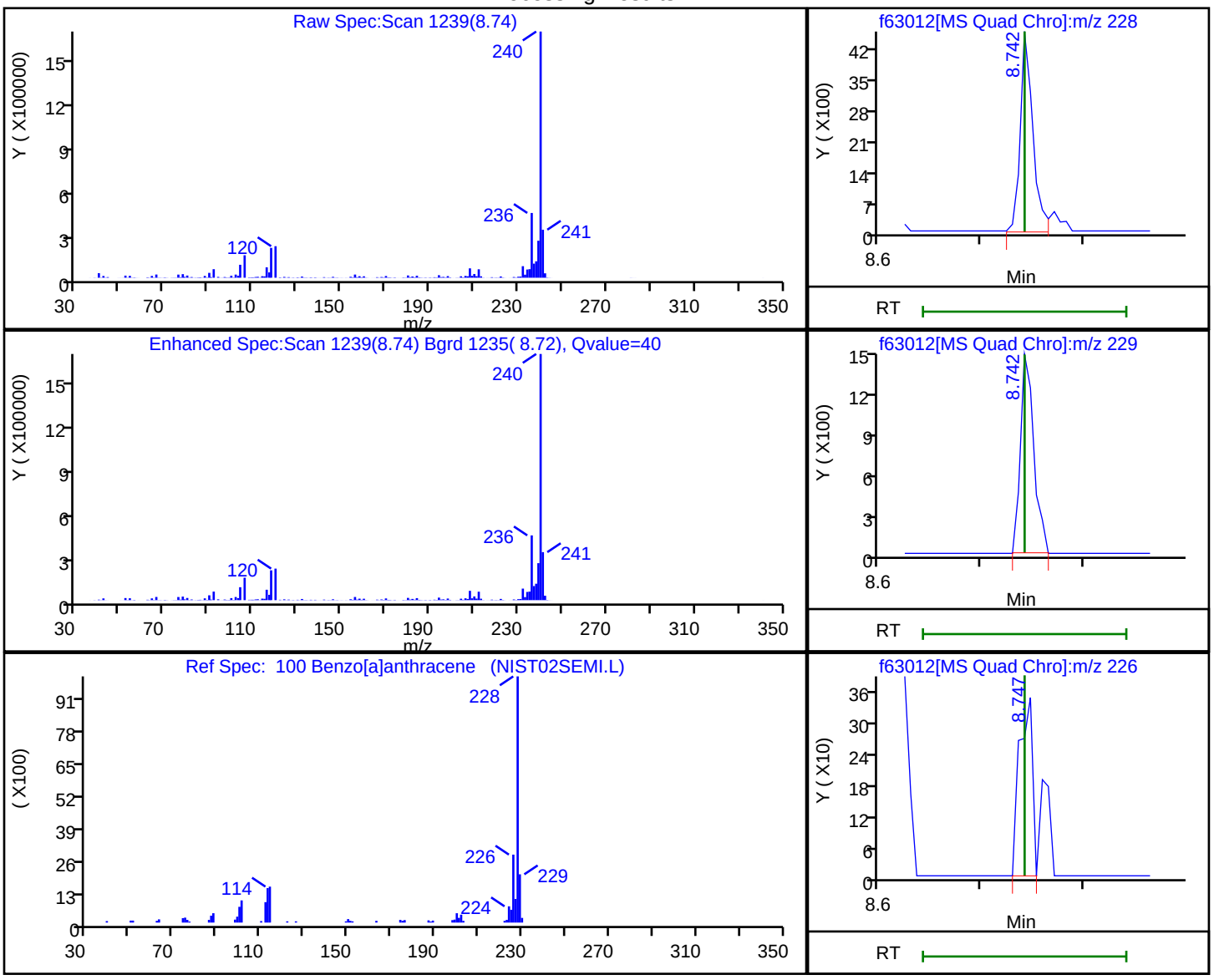
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20240901-180333.b\f63012.D				
Injection Date:	01-Sep-2024 13:13:39	Instrument ID:	CBNAMS15		
Lims ID:	MB 460-993561/1-A				
Client ID:					
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	4
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

100 Benzo[a]anthracene, CAS: 56-55-3

Processing Results



RT	Mass	Response	Amount
8.74	228.00	3927	0.085551
8.74	229.00	1342	
8.75	226.00	308	

Reviewer: C8UP, 02-Sep-2024 14:31:13 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

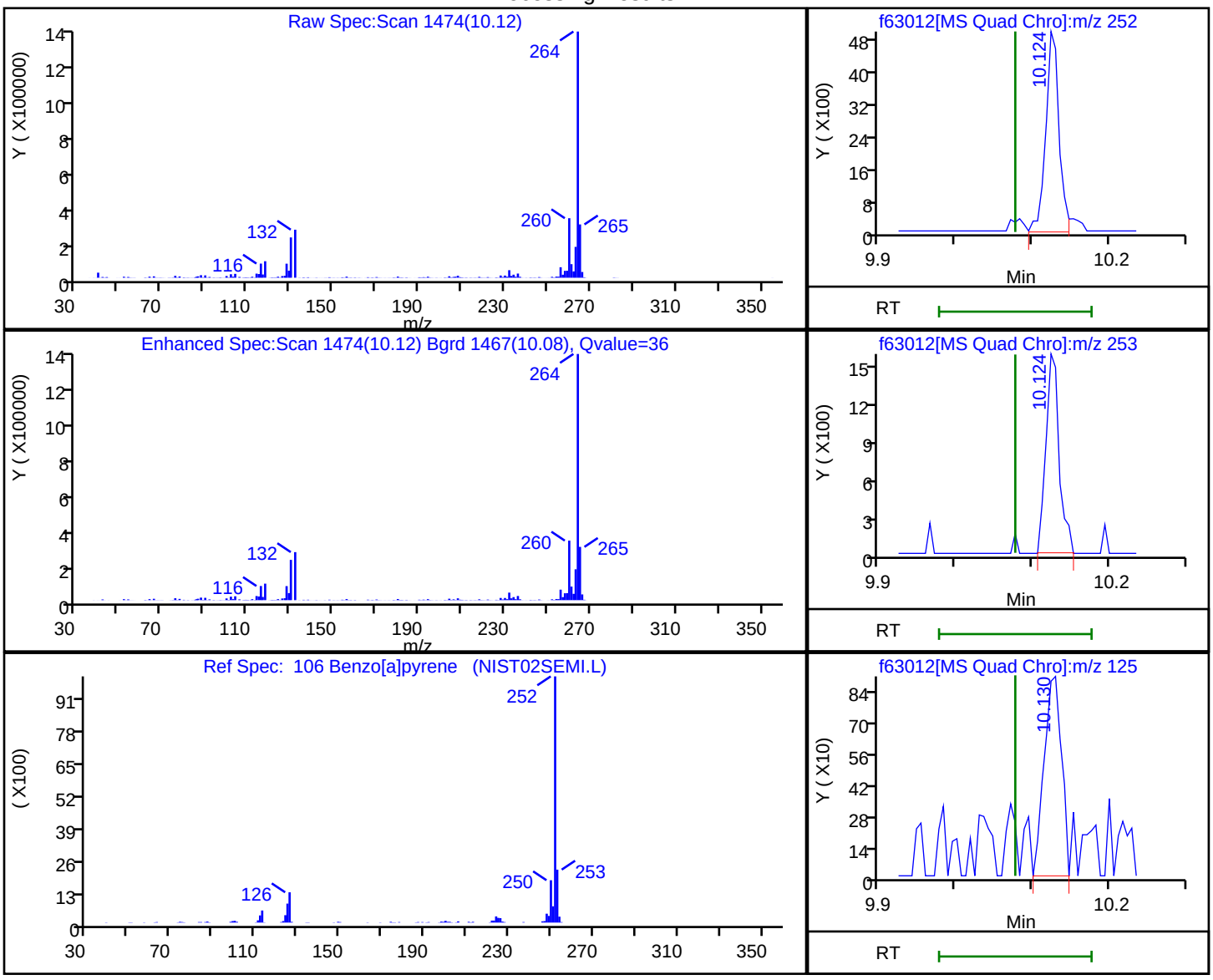
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAMS15\20240901-180333.b\f63012.D				
Injection Date:	01-Sep-2024 13:13:39	Instrument ID:	CBNAMS15		
Lims ID:	MB 460-993561/1-A				
Client ID:					
Operator ID:		ALS Bottle#:	0	Worklist Smp#:	4
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		
Column:	Rtxi-5Sil MS (0.25 mm)	Detector	MS SCAN		

106 Benzo[a]pyrene, CAS: 50-32-8

Processing Results



RT	Mass	Response	Amount
10.12	252.00	5898	0.147819
10.12	253.00	1858	
10.13	125.00	1428	

Reviewer: C8UP, 02-Sep-2024 14:31:15 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-309671-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-991761/2-A

Matrix: Solid | Lab File ID: Z87895.d

Analysis Method: 8270E | Date Collected:

Extract. Method: 3546 | Date Extracted: 08/21/2024 20:34

Sample wt/vol: 15.00(g) | Date Analyzed: 08/22/2024 07:56

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 991830 | Units: mg/Kg

Preparation Batch No.: 991761 | Instrument ID: BNAMS11

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-12-7	Anthracene	3.29		0.33	0.010
56-55-3	Benzo[a]anthracene	3.17		0.033	0.025
50-32-8	Benzo[a]pyrene	3.48		0.033	0.0088
205-99-2	Benzo[b]fluoranthene	3.26		0.033	0.0086
191-24-2	Benzo[g,h,i]perylene	3.77		0.33	0.0098
218-01-9	Chrysene	3.20		0.33	0.014
86-73-7	Fluorene	3.21		0.33	0.0097
85-01-8	Phenanthrene	3.26		0.33	0.014
129-00-0	Pyrene	3.42		0.33	0.0082

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	98		38-128
4165-60-0	Nitrobenzene-d5 (Surr)	94		31-120
1718-51-0	Terphenyl-d14 (Surr)	102		44-147

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20240822-179901.b\Z87895.d
Lims ID: LCS 460-991761/2-A
Client ID:
Sample Type: LCS
Inject. Date: 22-Aug-2024 07:56:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0179901-005
Operator ID: Instrument ID: CBNAMS11

Method: \\chromfs\Edison\ChromData\CBNAMS11\20240822-179901.b\8270_11R_9.m
Limit Group: SV 8270E ICAL
Last Update: 22-Aug-2024 08:41:45 Calib Date: 08-Aug-2024 10:31:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS11\20240808-179362.b\Z87626.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1636

First Level Reviewer: G4KC Date: 22-Aug-2024 08:22:11

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.233	1.220	0.013	93	149126	50.0	41.4	
2 N-Nitrosodimethylamine	74	1.428	1.418	0.010	92	234437	50.0	43.1	
3 Pyridine	79	1.444	1.431	0.013	94	644895	100.0	73.6	
$ 4 2-Fluorophenol	112	2.433	2.424	0.009	97	493482	50.0	48.9	
5 Benzaldehyde	77	3.238	3.238	0.000	96	197896	20.0	24.0	E
$ 6 Phenol-d5	99	3.343	3.340	0.003	93	623162	50.0	47.4	
8 Aniline	93	3.349	3.346	0.002	97	711312	50.0	45.9	
7 Phenol	94	3.356	3.353	0.003	96	652233	50.0	46.0	
9 Bis(2-chloroethyl)ether	93	3.426	3.426	-0.001	98	464467	50.0	47.1	
11 2-Chlorophenol	128	3.468	3.465	0.003	98	530579	50.0	47.5	
12 n-Decane	43	3.525	3.522	0.002	91	424964	50.0	41.9	
13 1,3-Dichlorobenzene	146	3.615	3.612	0.003	97	556925	50.0	45.5	
* 14 1,4-Dichlorobenzene-d4	152	3.672	3.673	-0.001	94	327323	40.0	40.0	
15 1,4-Dichlorobenzene	146	3.691	3.688	0.002	96	572991	50.0	45.7	
16 Benzyl alcohol	108	3.832	3.832	-0.001	96	327522	50.0	46.6	
17 1,2-Dichlorobenzene	146	3.835	3.835	-0.001	98	545526	50.0	46.0	
18 2-Methylphenol	108	3.960	3.957	0.003	90	448185	50.0	46.6	
19 2,2'-oxybis[1-chloropropane]	45	3.963	3.960	0.003	94	585701	50.0	44.3	
20 N-Methylaniline	106	4.081	4.078	0.002	98	750976	50.0	45.3	a
22 Acetophenone	105	4.091	4.091	-0.001	94	692958	50.0	45.6	
21 N-Nitrosodi-n-propylamine	70	4.100	4.101	-0.001	90	338449	50.0	45.4	
23 3 & 4 Methylphenol	108	4.120	4.120	0.000	71	474921	50.0	45.8	
24 4-Methylphenol	108	4.120	4.120	0.000	98	474921	50.0	45.8	
25 Hexachloroethane	117	4.164	4.165	-0.001	92	205223	50.0	47.7	
$ 26 Nitrobenzene-d5	82	4.238	4.235	0.003	88	521967	50.0	47.1	
27 Nitrobenzene	123	4.257	4.257	-0.001	82	251890	50.0	47.5	
28 n,n'-Dimethylaniline	120	4.257	4.257	-0.001	88	759995	50.0	45.1	
31 Isophorone	82	4.497	4.497	0.000	99	907081	50.0	46.0	
32 2-Nitrophenol	139	4.567	4.567	-0.001	96	285312	50.0	48.1	
33 2,4-Dimethylphenol	122	4.640	4.637	0.002	91	443405	50.0	56.3	
34 Bis(2-chloroethoxy)methane	93	4.727	4.727	-0.001	99	581219	50.0	47.7	
35 Benzoic acid	122	4.797	4.804	-0.007	88	290320	50.0	44.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
36 2,4-Dichlorophenol	162	4.813	4.810	0.002	97	451599	50.0	49.1	
37 1,2,4-Trichlorobenzene	180	4.880	4.880	-0.001	94	496249	50.0	47.7	
* 38 Naphthalene-d8	136	4.931	4.932	-0.001	99	1212858	40.0	40.0	
39 Naphthalene	128	4.951	4.951	0.000	99	1492291	50.0	48.0	
40 4-Chloroaniline	127	5.027	5.028	-0.001	92	557690	50.0	42.6	
133 2,6-Dichlorophenol	162	5.027	5.028	-0.001	93	441932	50.0	48.4	
41 Hexachlorobutadiene	225	5.079	5.079	0.000	99	312050	50.0	49.2	
42 Caprolactam	55	5.385	5.385	-0.001	94	104097	20.0	22.2	M
43 4-Chloro-3-methylphenol	107	5.529	5.529	-0.001	96	398605	50.0	45.8	
44 2-Methylnaphthalene	142	5.628	5.628	-0.001	85	897273	50.0	42.7	
45 1-Methylnaphthalene	142	5.721	5.721	-0.001	92	929068	50.0	47.9	
46 Hexachlorocyclopentadiene	237	5.782	5.782	0.000	98	380974	50.0	82.0	
47 1,2,4,5-Tetrachlorobenzene	216	5.791	5.791	-0.001	99	530470	50.0	49.3	
48 2-tertbutyl-4-methylphenol	149	5.862	5.862	0.000	92	631324	50.0	47.5	
49 2,4,6-Trichlorophenol	196	5.916	5.916	-0.001	94	342494	50.0	50.1	
50 2,4,5-Trichlorophenol	196	5.951	5.951	-0.001	99	381060	50.0	49.5	
$ 51 2-Fluorobiphenyl	172	5.996	5.996	-0.001	98	1226983	50.0	49.2	
52 1,1'-Biphenyl	154	6.086	6.086	-0.001	96	1198428	50.0	48.7	
53 2-Chloronaphthalene	162	6.095	6.095	-0.001	98	967183	50.0	49.4	
54 Phenyl ether	170	6.191	6.191	-0.001	84	709365	50.0	48.8	
55 2-Nitroaniline	65	6.214	6.217	-0.004	94	243436	50.0	43.6	
57 1,3-Dimethylnaphthalene	156	6.309	6.310	-0.001	92	743444	50.0	46.8	
59 Coumarin	146	6.405	6.409	-0.005	82	348185	50.0	42.7	
58 Dimethyl phthalate	163	6.409	6.409	-0.001	99	1084325	50.0	47.8	
60 2,6-Dinitrotoluene	165	6.460	6.460	-0.001	93	255733	50.0	49.4	
63 Acenaphthylene	152	6.489	6.489	-0.001	98	1567500	50.0	52.5	
64 3-Nitroaniline	65	6.613	6.613	-0.001	98	243278	50.0	37.9	
* 65 Acenaphthene-d10	164	6.623	6.624	-0.001	95	661799	40.0	40.0	
67 Acenaphthene	154	6.655	6.655	-0.001	95	883641	50.0	48.9	
66 3,5-di-tert-butyl-4-hydroxytol	205	6.674	6.674	-0.001	96	866821	50.0	51.4	
68 2,4-Dinitrophenol	184	6.725	6.725	-0.001	94	296632	100.0	88.8	
69 4-Nitrophenol	65	6.815	6.815	-0.001	88	310468	100.0	87.8	
71 Dibenzofuran	168	6.821	6.821	-0.001	97	1350939	50.0	47.7	
70 2,4-Dinitrotoluene	165	6.844	6.844	-0.001	97	337706	50.0	47.9	
72 2,3,4,6-Tetrachlorophenol	232	6.953	6.953	-0.001	98	316095	50.0	48.5	
73 Diethyl phthalate	149	7.084	7.084	-0.001	99	1046108	50.0	46.6	
74 Fluorene	166	7.148	7.148	-0.001	94	1077294	50.0	48.1	
75 4-Chlorophenyl phenyl ether	204	7.161	7.161	-0.001	94	568194	50.0	49.0	
76 4-Nitroaniline	138	7.202	7.205	-0.005	89	238188	50.0	41.4	
77 4,6-Dinitro-2-methylphenol	198	7.234	7.234	-0.001	93	424860	100.0	103.1	
78 N-Nitrosodiphenylamine	169	7.282	7.282	-0.001	68	772827	50.0	49.3	
134 Azobenzene	77	7.314	7.314	-0.001	97	914182	50.0	47.4	
79 1,2-Diphenylhydrazine	77	7.314	7.314	-0.001	50	918319	50.0	47.5	
$ 80 2,4,6-Tribromophenol	330	7.378	7.378	-0.001	88	331250	50.0	49.8	
81 4-Bromophenyl phenyl ether	248	7.621	7.621	-0.001	98	379581	50.0	52.0	
82 Hexachlorobenzene	284	7.663	7.666	-0.004	93	511742	50.0	51.6	
83 Atrazine	200	7.810	7.810	-0.001	95	174105	20.0	26.4	
84 Pentachlorophenol	266	7.867	7.867	-0.002	96	546853	100.0	98.9	
85 Pentachloronitrobenzene	237	7.874	7.874	-0.001	94	144697	50.0	48.3	
86 n-Octadecane	57	7.989	7.986	0.002	92	574621	50.0	47.7	
* 87 Phenanthrene-d10	188	8.031	8.032	-0.001	98	1235668	40.0	40.0	
88 Phenanthrene	178	8.053	8.053	-0.002	97	1519781	50.0	48.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
89 Anthracene	178	8.101	8.104	-0.005	99	1581002	50.0	49.3	
90 Carbazole	167	8.271	8.271	-0.001	96	1339942	50.0	45.9	
91 Di-n-butyl phthalate	149	8.635	8.635	-0.001	99	1644790	50.0	48.4	
92 Fluoranthene	202	9.178	9.178	-0.002	98	1607733	50.0	46.8	
93 Benzidine	184	9.331	9.331	-0.002	99	602264	50.0	35.5	
94 Pyrene	202	9.385	9.385	-0.003	97	1655496	50.0	51.3	
95 Bisphenol-A	213	9.478	9.478	-0.002	98	345281	25.0	24.1	
$ 96 Terphenyl-d14	244	9.561	9.561	-0.003	97	1524033	50.0	50.8	
97 Butyl benzyl phthalate	149	10.053	10.053	-0.003	96	652419	50.0	50.2	
99 Carbamazepine	193	10.130	10.134	-0.006	93	596477	50.0	49.8	
100 3,3'-Dichlorobenzidine	252	10.552	10.555	-0.006	98	480722	50.0	37.4	
101 Benzo[a]anthracene	228	10.555	10.555	-0.003	98	1530605	50.0	47.6	
* 102 Chrysene-d12	240	10.568	10.571	-0.003	99	978303	40.0	40.0	
103 Chrysene	228	10.594	10.597	-0.006	99	1467682	50.0	48.0	
104 Bis(2-ethylhexyl) phthalate	149	10.655	10.655	-0.003	86	930029	50.0	51.5	
105 Di-n-octyl phthalate	149	11.393	11.393	-0.003	97	1480363	50.0	51.4	
106 Benzo[b]fluoranthene	252	11.764	11.764	-0.003	98	1511716	50.0	48.8	
107 Benzo[k]fluoranthene	252	11.799	11.799	-0.003	98	1741873	50.0	51.9	
108 Benzo[a]pyrene	252	12.160	12.157	0.000	98	1506438	50.0	52.2	
* 109 Perylene-d12	264	12.227	12.234	-0.007	99	1149774	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	13.623	13.624	-0.005	97	1829236	50.0	54.7	M
111 Dibenz(a,h)anthracene	278	13.662	13.659	-0.001	99	1774797	50.0	53.0	
112 Benzo[g,h,i]perylene	276	13.966	13.967	-0.004	98	1784842	50.0	56.6	

QC Flag Legend

Processing Flags

E - Exceeded Maximum Amount

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SM_ISTD_00197 Amount Added: 20.00 Units: uL Run Reagent

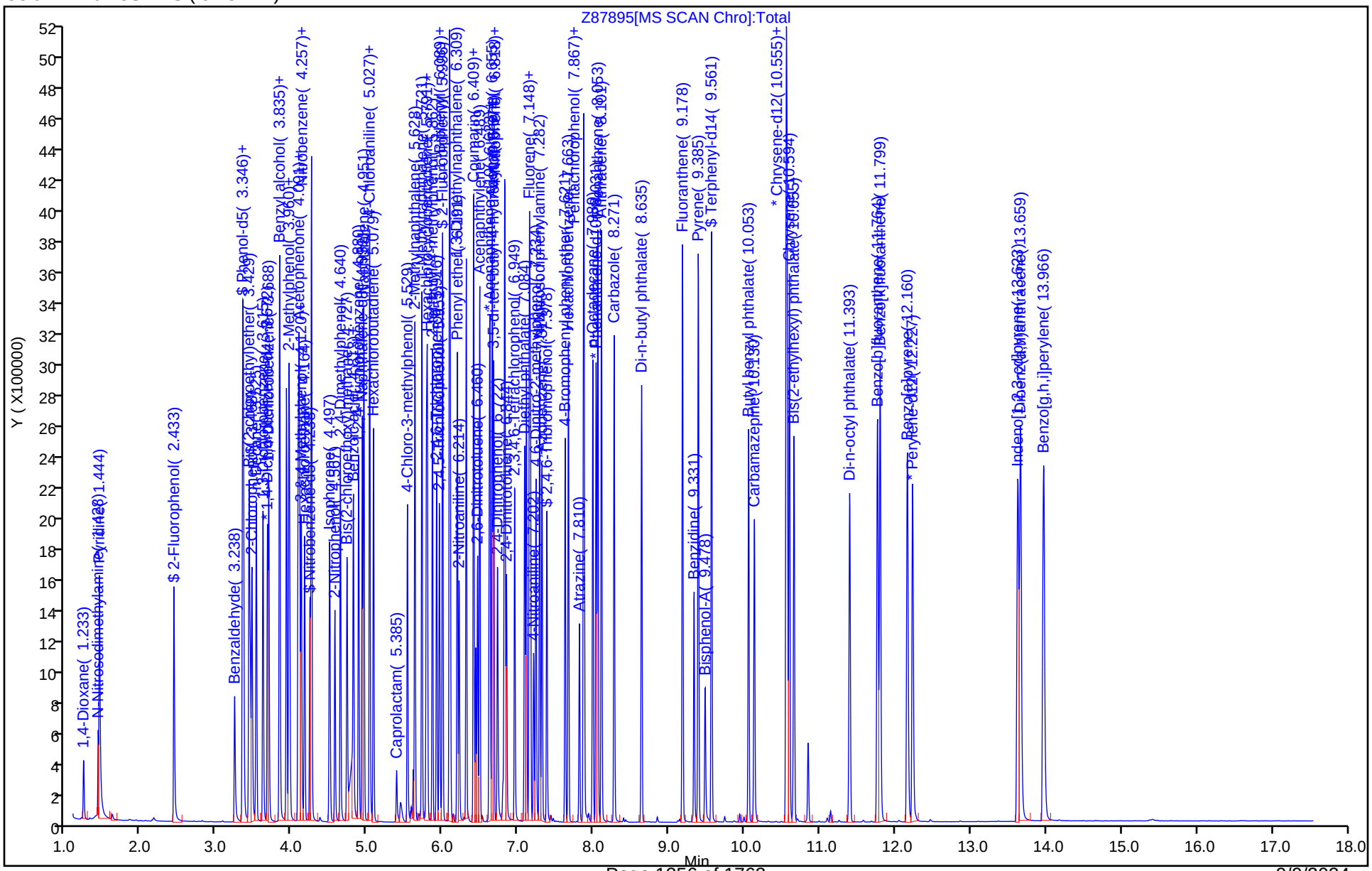
Report Date: 22-Aug-2024 08:42:57 Chrom Revision: 2.3 16-Jul-2024 14:17:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20240822-179901.b\Z87895.d

Injection Date:	22-Aug-2024 07:56:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	LCS 460-991761/2-A			Worklist Smp#:	5
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8270_11R_9	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



9/9/2024
1:05:41 PM

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-309671-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-993561/2-A

Matrix: Solid | Lab File ID: f63013.D

Analysis Method: 8270E | Date Collected:

Extract. Method: 3546 | Date Extracted: 08/30/2024 23:30

Sample wt/vol: 15.00(g) | Date Analyzed: 09/01/2024 13:31

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 993708 | Units: mg/Kg

Preparation Batch No.: 993561 | Instrument ID: CBNAMS15

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-12-7	Anthracene	3.13		0.33	0.010
56-55-3	Benzo[a]anthracene	3.13		0.033	0.025
50-32-8	Benzo[a]pyrene	3.53		0.033	0.0088
205-99-2	Benzo[b]fluoranthene	3.41		0.033	0.0086
191-24-2	Benzo[g,h,i]perylene	3.44		0.33	0.0098
218-01-9	Chrysene	3.12		0.33	0.014
86-73-7	Fluorene	3.09		0.33	0.0097
85-01-8	Phenanthrene	3.11		0.33	0.014
129-00-0	Pyrene	3.25		0.33	0.0082

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	95		38-128
4165-60-0	Nitrobenzene-d5 (Surr)	101		31-120
1718-51-0	Terphenyl-d14 (Surr)	95		44-147

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20240901-180333.b\f63013.D
Lims ID: LCS 460-993561/2-A
Client ID:
Sample Type: LCS
Inject. Date: 01-Sep-2024 13:31:05 ALS Bottle#: 0 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0180333-005
Operator ID: Instrument ID: CBNAMS15

Method: \\chromfs\Edison\ChromData\CBNAMS15\20240901-180333.b\8270_15R_9.m
Limit Group: SV 8270E ICAL
Last Update: 02-Sep-2024 14:32:37 Calib Date: 30-Jul-2024 14:30:00
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20240730-179025.b\f62120.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1635

First Level Reviewer: C8UP Date: 02-Sep-2024 14:32:37

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 1,4-Dioxane	88	1.595	1.601	-0.006	94	210339	50.0	38.0	
	2 N-Nitrosodimethylamine	74	1.719	1.721	-0.005	91	291080	50.0	44.9	
	3 Pyridine	79	1.742	1.748	-0.006	97	914167	100.0	80.2	
$	5 2-Fluorophenol	112	2.401	2.401	0.000	96	614568	50.0	47.8	
	7 Benzaldehyde	77	2.983	2.989	-0.006	96	206570	20.0	20.8	E
$	8 Phenol-d5	99	3.030	3.042	-0.006	0	738519	50.0	48.5	
	9 Phenol	94	3.042	3.042	0.000	96	707975	50.0	46.5	
	10 Aniline	93	3.060	3.066	-0.012	68	511129	50.0	29.1	a
	11 Bis(2-chloroethyl)ether	93	3.113	3.113	-0.006	96	576519	50.0	48.2	
	12 2-Chlorophenol	128	3.148	3.154	-0.006	67	623679	50.0	45.8	
	13 n-Decane	43	3.189	3.195	-0.006	87	465193	50.0	46.0	
	14 1,3-Dichlorobenzene	146	3.260	3.260	-0.006	96	689920	50.0	44.4	
*	15 1,4-Dichlorobenzene-d4	152	3.301	3.307	-0.006	95	415003	40.0	40.0	
	16 1,4-Dichlorobenzene	146	3.318	3.312	-0.001	96	698905	50.0	44.5	
	17 Benzyl alcohol	108	3.413	3.406	0.000	95	375953	50.0	44.6	
	18 1,2-Dichlorobenzene	146	3.424	3.424	-0.006	95	674356	50.0	45.1	
	19 2-Methylphenol	108	3.495	3.494	-0.006	74	524470	50.0	46.2	
	20 2,2'-oxybis[1-chloropropane]	45	3.518	3.512	-0.001	55	628693	50.0	49.9	
	130 N-Methylaniline	106	3.607	3.600	0.000	87	827463	50.0	41.4	
	21 Acetophenone	105	3.613	3.612	-0.006	95	921043	50.0	48.8	
	22 4-Methylphenol	108	3.618	3.618	-0.006	91	590294	50.0	44.9	
	23 3 & 4 Methylphenol	108	3.618	3.618	-0.006	0	590294	50.0	44.9	
	24 N-Nitrosodi-n-propylamine	70	3.618	3.624	-0.006	66	344279	50.0	49.1	
	25 Hexachloroethane	117	3.683	3.682	-0.006	94	269979	50.0	45.9	
$	26 Nitrobenzene-d5	82	3.724	3.730	-0.006	85	692873	50.0	50.6	
	27 Nitrobenzene	123	3.742	3.737	0.000	81	315489	50.0	49.9	
	28 n,n'-Dimethylaniline	120	3.742	3.741	-0.006	83	860947	50.0	43.3	
	29 Isophorone	82	3.930	3.930	0.000	98	1170236	50.0	49.3	
	30 2-Nitrophenol	139	3.983	3.978	0.000	95	314161	50.0	45.0	
	31 2,4-Dimethylphenol	122	4.024	4.025	-0.006	90	526106	50.0	54.2	
	32 Bis(2-chloroethoxy)methane	93	4.107	4.101	0.000	97	714996	50.0	46.0	
	33 Benzoic acid	122	4.130	4.130	-0.006	8	343007	50.0	40.7	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 2,4-Dichlorophenol	162	4.165	4.166	-0.006	97	517381	50.0	46.8	
35 1,2,4-Trichlorobenzene	180	4.230	4.230	-0.006	94	572135	50.0	43.7	
* 36 Naphthalene-d8	136	4.271	4.277	-0.006	99	1564032	40.0	40.0	
37 Naphthalene	128	4.289	4.289	-0.006	99	1842330	50.0	46.1	
38 4-Chloroaniline	127	4.342	4.336	0.000	73	378461	50.0	23.4	
39 Hexachlorobutadiene	225	4.389	4.389	-0.006	93	338945	50.0	43.3	
40 Caprolactam	113	4.624	4.618	0.000	94	77490	20.0	23.8	E
41 4-Chloro-3-methylphenol	107	4.724	4.718	0.000	96	522484	50.0	48.6	
42 2-Methylnaphthalene	142	4.824	4.817	0.000	71	1135244	50.0	41.6	
43 1-Methylnaphthalene	142	4.901	4.894	0.000	88	1183182	50.0	47.3	
44 Hexachlorocyclopentadiene	237	4.948	4.948	0.000	88	327418	50.0	51.2	
45 1,2,4,5-Tetrachlorobenzene	216	4.954	4.954	0.000	99	610313	50.0	45.5	
46 2-tertbutyl-4-methylphenol	149	5.001	4.994	0.000	92	739590	50.0	45.5	
47 2,4,6-Trichlorophenol	196	5.042	5.048	-0.006	89	398296	50.0	47.7	
48 2,4,5-Trichlorophenol	196	5.071	5.071	0.000	89	437082	50.0	48.1	
$ 50 2-Fluorobiphenyl	172	5.112	5.118	-0.006	97	1488576	50.0	47.7	
51 1,1'-Biphenyl	154	5.189	5.189	0.000	95	1505001	50.0	45.8	
52 2-Chloronaphthalene	162	5.195	5.195	0.000	97	1181151	50.0	46.7	
53 Phenyl ether	170	5.271	5.271	0.000	84	824585	50.0	44.4	
54 2-Nitroaniline	65	5.277	5.283	-0.006	95	372810	50.0	47.3	
55 1,3-Dimethylnaphthalene	156	5.365	5.365	0.000	92	887593	50.0	42.4	
57 Coumarin	146	5.436	5.428	0.000	63	446019	50.0	44.2	
56 Dimethyl phthalate	163	5.436	5.436	0.000	98	1395426	50.0	47.6	
58 2,6-Dinitrotoluene	165	5.471	5.477	-0.006	73	306192	50.0	51.3	
59 Acenaphthylene	152	5.507	5.506	0.000	96	1994170	50.0	51.9	
60 3-Nitroaniline	138	5.589	5.595	-0.006	96	189885	50.0	27.4	
* 61 Acenaphthene-d10	164	5.612	5.613	-0.001	95	854015	40.0	40.0	
62 Acenaphthene	154	5.636	5.642	-0.006	94	1104695	50.0	46.6	
63 3,5-di-tert-butyl-4-hydroxytol	205	5.654	5.654	0.000	90	875633	50.0	43.9	
64 2,4-Dinitrophenol	184	5.671	5.677	-0.006	79	302962	100.0	76.7	
65 4-Nitrophenol	65	5.730	5.736	-0.006	89	366380	100.0	84.1	
66 Dibenzofuran	168	5.771	5.771	0.000	92	1645653	50.0	45.2	
67 2,4-Dinitrotoluene	165	5.771	5.771	0.000	61	423333	50.0	51.8	
68 2,3,4,6-Tetrachlorophenol	232	5.865	5.865	0.000	97	356824	50.0	46.1	
69 Diethyl phthalate	149	5.971	5.977	-0.006	98	1434721	50.0	48.1	
70 Fluorene	166	6.024	6.030	-0.006	83	1358853	50.0	46.4	
71 4-Chlorophenyl phenyl ether	204	6.036	6.036	0.000	87	650418	50.0	46.4	
72 4-Nitroaniline	138	6.059	6.065	-0.006	55	257677	50.0	36.6	
73 4,6-Dinitro-2-methylphenol	198	6.077	6.077	0.000	91	480764	100.0	92.3	
74 N-Nitrosodiphenylamine	169	6.130	6.130	0.000	68	943069	50.0	44.5	
132 Azobenzene	77	6.154	6.160	-0.006	0	1259659	50.0	46.0	
75 1,2-Diphenylhydrazine	77	6.154	6.160	-0.006	15	1261483	50.0	46.2	
$ 76 2,4,6-Tribromophenol	330	6.207	6.207	0.000	90	312071	50.0	45.3	
77 4-Bromophenyl phenyl ether	248	6.401	6.401	0.000	91	419532	50.0	45.8	
78 Hexachlorobenzene	284	6.430	6.436	-0.006	92	531297	50.0	45.2	
79 Atrazine	200	6.542	6.542	0.000	92	178750	20.0	21.6	
80 Pentachlorophenol	266	6.583	6.589	-0.006	89	645842	100.0	91.4	
81 Pentachloronitrobenzene	237	6.595	6.595	0.000	90	167081	50.0	40.6	
82 n-Octadecane	57	6.683	6.683	0.000	89	784129	50.0	50.5	
* 83 Phenanthrene-d10	188	6.724	6.724	0.000	99	1658538	40.0	40.0	
84 Phenanthrene	178	6.742	6.748	-0.006	97	1981697	50.0	46.6	
85 Anthracene	178	6.783	6.783	0.000	99	2065182	50.0	47.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
87 Carbazole	167	6.906	6.906	-0.001	83	1700519	50.0	42.2	
88 Di-n-butyl phthalate	149	7.195	7.195	0.000	99	2463042	50.0	51.8	
89 Fluoranthene	202	7.630	7.630	0.000	98	2264119	50.0	48.2	
90 Benzidine	184	7.742	7.743	-0.012	99	220907	50.0	11.6	
91 Pyrene	202	7.795	7.784	0.000	97	2318275	50.0	48.8	
92 Bisphenol-A	213	7.853	7.854	-0.001	99	336721	25.0	16.3	
$ 93 Terphenyl-d14	244	7.930	7.930	0.000	97	1984257	50.0	47.6	
95 Butyl benzyl phthalate	149	8.318	8.307	0.000	95	1072205	50.0	51.4	
97 Carbamazepine	193	8.389	8.389	0.000	92	836568	50.0	43.9	
99 3,3'-Dichlorobenzidine	252	8.736	8.724	0.000	64	429393	50.0	23.8	
100 Benzo[a]anthracene	228	8.742	8.742	0.000	98	2235793	50.0	47.0	
* 98 Chrysene-d12	240	8.753	8.754	-0.001	99	1478032	40.0	40.0	
101 Chrysene	228	8.777	8.777	0.000	95	2188948	50.0	46.7	
102 Bis(2-ethylhexyl) phthalate	149	8.812	8.812	0.000	85	1567643	50.0	50.9	
103 Di-n-octyl phthalate	149	9.436	9.436	0.000	96	2694502	50.0	53.4	
104 Benzo[b]fluoranthene	252	9.748	9.753	-0.005	98	2250929	50.0	51.2	
105 Benzo[k]fluoranthene	252	9.783	9.783	0.000	98	2535026	50.0	50.3	
106 Benzo[a]pyrene	252	10.077	10.077	0.000	97	2143564	50.0	52.9	
* 107 Perylene-d12	264	10.136	10.136	0.000	99	1685260	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	11.230	11.230	0.000	99	2231988	50.0	46.6	
109 Dibenz(a,h)anthracene	278	11.265	11.265	0.000	42	2178778	50.0	48.4	
110 Benzo[g,h,i]perylene	276	11.506	11.506	0.000	97	2302580	50.0	51.6	
131 2,6-Dichlorophenol	162	4.342	4.348	-0.006	97	515206	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

E - Exceeded Maximum Amount

Review Flags

a - User Assigned ID

Reagents:

SM_ISTD_00197 Amount Added: 20.00 Units: uL Run Reagent

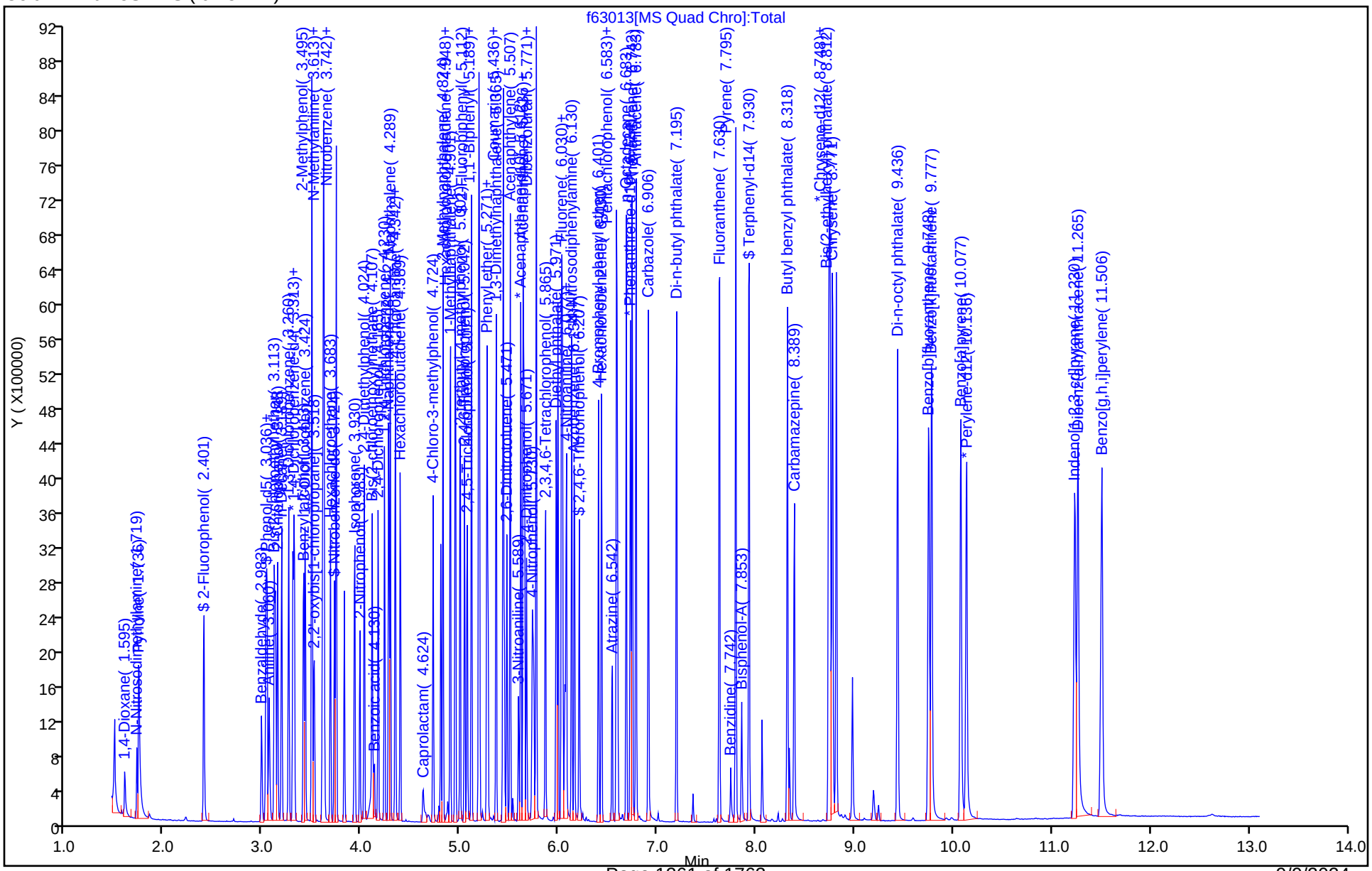
Report Date: 02-Sep-2024 14:32:38 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20240901-180333.b\f63013.D

Injection Date:	01-Sep-2024 13:31:05	Instrument ID:	CBNAMS15	Operator ID:	
Lims ID:	LCS 460-993561/2-A			Worklist Smp#:	5
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	8270_15R_9	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



9/9/2024
1:05:41 PM

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-309671-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-991761/3-A

Matrix: Solid | Lab File ID: Z87896.d

Analysis Method: 8270E | Date Collected:

Extract. Method: 3546 | Date Extracted: 08/21/2024 20:34

Sample wt/vol: 15.00(g) | Date Analyzed: 08/22/2024 08:19

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 991830 | Units: mg/Kg

Preparation Batch No.: 991761 | Instrument ID: BNAMS11

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-12-7	Anthracene	3.06		0.33	0.010
56-55-3	Benzo[a]anthracene	2.95		0.033	0.025
50-32-8	Benzo[a]pyrene	3.18		0.033	0.0088
205-99-2	Benzo[b]fluoranthene	3.00		0.033	0.0086
191-24-2	Benzo[g,h,i]perylene	3.42		0.33	0.0098
218-01-9	Chrysene	2.91		0.33	0.014
86-73-7	Fluorene	2.95		0.33	0.0097
85-01-8	Phenanthrene	3.00		0.33	0.014
129-00-0	Pyrene	3.20		0.33	0.0082

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	90		38-128
4165-60-0	Nitrobenzene-d5 (Surr)	88		31-120
1718-51-0	Terphenyl-d14 (Surr)	96		44-147

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20240822-179901.b\Z87896.d
Lims ID: LCSD 460-991761/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 22-Aug-2024 08:19:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0179901-006
Operator ID: Instrument ID: CBNAMS11

Method: \\chromfs\Edison\ChromData\CBNAMS11\20240822-179901.b\8270_11R_9.m
Limit Group: SV 8270E ICAL
Last Update: 22-Aug-2024 08:41:45 Calib Date: 08-Aug-2024 10:31:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS11\20240808-179362.b\Z87626.d

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1636

First Level Reviewer: G4KC Date: 22-Aug-2024 08:41:45

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.233	1.220	0.013	93	138072	50.0	37.7	
2 N-Nitrosodimethylamine	74	1.425	1.418	0.007	92	230764	50.0	41.7	
3 Pyridine	79	1.441	1.431	0.010	94	620402	100.0	69.6	
$ 4 2-Fluorophenol	112	2.430	2.424	0.006	97	456241	50.0	44.5	
5 Benzaldehyde	77	3.235	3.238	-0.003	96	182736	20.0	21.8	E
$ 6 Phenol-d5	99	3.340	3.340	0.000	93	601271	50.0	45.0	
8 Aniline	93	3.346	3.346	-0.001	94	647077	50.0	41.1	
7 Phenol	94	3.356	3.353	0.003	97	627133	50.0	43.5	
9 Bis(2-chloroethyl)ether	93	3.426	3.426	-0.001	98	441940	50.0	44.0	
11 2-Chlorophenol	128	3.465	3.465	0.000	98	509606	50.0	44.9	
12 n-Decane	43	3.525	3.522	0.002	90	399424	50.0	38.7	
13 1,3-Dichlorobenzene	146	3.612	3.612	0.000	97	530321	50.0	42.7	
* 14 1,4-Dichlorobenzene-d4	152	3.672	3.673	-0.001	94	332797	40.0	40.0	
15 1,4-Dichlorobenzene	146	3.688	3.688	-0.001	96	553215	50.0	43.4	
16 Benzyl alcohol	108	3.829	3.832	-0.004	96	310643	50.0	43.5	
17 1,2-Dichlorobenzene	146	3.835	3.835	-0.001	97	521251	50.0	43.2	
18 2-Methylphenol	108	3.957	3.957	0.000	94	439239	50.0	44.9	
19 2,2'-oxybis[1-chloropropane]	45	3.963	3.960	0.003	94	569323	50.0	42.4	
20 N-Methylaniline	106	4.078	4.078	-0.001	97	719817	50.0	42.7	a
22 Acetophenone	105	4.091	4.091	-0.001	93	667659	50.0	43.2	
21 N-Nitrosodi-n-propylamine	70	4.101	4.101	0.000	89	324852	50.0	42.8	
23 3 & 4 Methylphenol	108	4.120	4.120	0.000	71	462676	50.0	43.8	
24 4-Methylphenol	108	4.120	4.120	0.000	98	462676	50.0	43.8	
25 Hexachloroethane	117	4.165	4.165	-0.001	92	197120	50.0	45.1	
$ 26 Nitrobenzene-d5	82	4.235	4.235	0.000	85	506903	50.0	44.0	
27 Nitrobenzene	123	4.257	4.257	-0.001	84	245657	50.0	45.6	
28 n,n'-Dimethylaniline	120	4.257	4.257	-0.001	92	731806	50.0	42.8	
31 Isophorone	82	4.497	4.497	0.000	99	884913	50.0	43.2	
32 2-Nitrophenol	139	4.567	4.567	-0.001	96	276657	50.0	44.9	
33 2,4-Dimethylphenol	122	4.641	4.637	0.003	92	432271	50.0	52.8	
34 Bis(2-chloroethoxy)methane	93	4.727	4.727	-0.001	99	563443	50.0	44.5	
35 Benzoic acid	122	4.797	4.804	-0.007	91	298850	50.0	43.6	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
36 2,4-Dichlorophenol	162	4.813	4.810	0.002	97	437917	50.0	45.8	
37 1,2,4-Trichlorobenzene	180	4.880	4.880	-0.001	94	479498	50.0	44.3	
* 38 Naphthalene-d8	136	4.932	4.932	0.000	99	1260840	40.0	40.0	
39 Naphthalene	128	4.951	4.951	0.000	99	1442387	50.0	44.6	
40 4-Chloroaniline	127	5.027	5.028	-0.001	81	322616	50.0	23.7	
133 2,6-Dichlorophenol	162	5.027	5.028	-0.001	96	433649	50.0	45.7	
41 Hexachlorobutadiene	225	5.079	5.079	0.000	99	301052	50.0	45.7	
42 Caprolactam	55	5.385	5.385	-0.001	94	99200	20.0	20.3	M
43 4-Chloro-3-methylphenol	107	5.529	5.529	-0.001	95	392142	50.0	43.3	
44 2-Methylnaphthalene	142	5.628	5.628	-0.001	85	879275	50.0	40.2	
45 1-Methylnaphthalene	142	5.721	5.721	-0.001	92	903771	50.0	44.8	
46 Hexachlorocyclopentadiene	237	5.782	5.782	0.000	99	374005	50.0	76.3	
47 1,2,4,5-Tetrachlorobenzene	216	5.791	5.791	-0.001	99	519532	50.0	45.8	
48 2-tertbutyl-4-methylphenol	149	5.862	5.862	0.000	92	616903	50.0	44.6	
49 2,4,6-Trichlorophenol	196	5.916	5.916	-0.001	94	334311	50.0	46.3	
50 2,4,5-Trichlorophenol	196	5.954	5.951	0.002	99	366861	50.0	45.1	
$ 51 2-Fluorobiphenyl	172	5.996	5.996	-0.001	97	1189247	50.0	45.1	
52 1,1'-Biphenyl	154	6.086	6.086	-0.001	97	1173398	50.0	45.2	
53 2-Chloronaphthalene	162	6.095	6.095	-0.001	99	942883	50.0	45.6	
54 Phenyl ether	170	6.191	6.191	-0.001	85	686095	50.0	44.7	
55 2-Nitroaniline	65	6.214	6.217	-0.004	93	238274	50.0	40.4	
57 1,3-Dimethylnaphthalene	156	6.310	6.310	0.000	92	721747	50.0	43.0	
59 Coumarin	146	6.405	6.409	-0.005	82	342542	50.0	40.4	
58 Dimethyl phthalate	163	6.409	6.409	-0.001	99	1056456	50.0	44.1	
60 2,6-Dinitrotoluene	165	6.460	6.460	-0.001	93	248209	50.0	45.4	
63 Acenaphthylene	152	6.489	6.489	-0.001	98	1530824	50.0	48.6	
64 3-Nitroaniline	65	6.613	6.613	-0.001	98	191184	50.0	28.2	
* 65 Acenaphthene-d10	164	6.623	6.624	-0.001	95	698750	40.0	40.0	
67 Acenaphthene	154	6.655	6.655	-0.001	95	854092	50.0	44.8	
66 3,5-di-tert-butyl-4-hydroxytol	205	6.674	6.674	-0.001	96	845325	50.0	47.5	
68 2,4-Dinitrophenol	184	6.725	6.725	-0.001	95	292599	100.0	83.2	
69 4-Nitrophenol	65	6.815	6.815	-0.001	88	329489	100.0	88.2	
71 Dibenzofuran	168	6.821	6.821	-0.001	97	1312876	50.0	43.9	
70 2,4-Dinitrotoluene	165	6.844	6.844	-0.001	97	330419	50.0	44.4	
72 2,3,4,6-Tetrachlorophenol	232	6.949	6.953	-0.005	98	308654	50.0	44.8	
73 Diethyl phthalate	149	7.084	7.084	-0.001	99	1017964	50.0	42.9	
74 Fluorene	166	7.148	7.148	-0.001	94	1047648	50.0	44.3	
75 4-Chlorophenyl phenyl ether	204	7.161	7.161	-0.001	93	556233	50.0	45.4	
76 4-Nitroaniline	138	7.202	7.205	-0.005	88	232856	50.0	38.3	
77 4,6-Dinitro-2-methylphenol	198	7.234	7.234	-0.001	93	416070	100.0	95.6	
78 N-Nitrosodiphenylamine	169	7.282	7.282	-0.001	68	759635	50.0	45.9	
134 Azobenzene	77	7.314	7.314	-0.001	97	895701	50.0	44.0	
79 1,2-Diphenylhydrazine	77	7.314	7.314	-0.001	50	900003	50.0	44.1	
$ 80 2,4,6-Tribromophenol	330	7.378	7.378	-0.001	86	321900	50.0	45.8	
81 4-Bromophenyl phenyl ether	248	7.621	7.621	-0.001	98	374153	50.0	48.6	
82 Hexachlorobenzene	284	7.663	7.666	-0.004	93	500916	50.0	47.9	
83 Atrazine	200	7.810	7.810	-0.001	95	166725	20.0	23.9	
84 Pentachlorophenol	266	7.867	7.867	-0.002	96	539331	100.0	92.3	
85 Pentachloronitrobenzene	237	7.874	7.874	-0.001	94	141609	50.0	44.8	
86 n-Octadecane	57	7.986	7.986	-0.001	92	559609	50.0	44.0	
* 87 Phenanthrene-d10	188	8.031	8.032	-0.001	98	1305113	40.0	40.0	
88 Phenanthrene	178	8.053	8.053	-0.002	97	1480128	50.0	45.1	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
89 Anthracene	178	8.101	8.104	-0.005	99	1554196	50.0	45.9	
90 Carbazole	167	8.271	8.271	-0.001	96	1320947	50.0	42.8	
91 Di-n-butyl phthalate	149	8.635	8.635	-0.001	99	1628978	50.0	45.4	a
92 Fluoranthene	202	9.178	9.178	-0.002	98	1579424	50.0	43.5	
93 Benzidine	184	9.331	9.331	-0.002	99	560086	50.0	31.2	
94 Pyrene	202	9.389	9.385	0.001	97	1631502	50.0	48.0	
95 Bisphenol-A	213	9.478	9.478	-0.002	98	342073	25.0	22.7	
$ 96 Terphenyl-d14	244	9.565	9.561	0.001	97	1512399	50.0	47.8	
97 Butyl benzyl phthalate	149	10.054	10.053	-0.002	95	643283	50.0	47.0	
99 Carbamazepine	193	10.130	10.134	-0.006	93	577604	50.0	45.8	
100 3,3'-Dichlorobenzidine	252	10.552	10.555	-0.006	97	294197	50.0	21.7	
101 Benzo[a]anthracene	228	10.555	10.555	-0.003	98	1501604	50.0	44.3	
* 102 Chrysene-d12	240	10.568	10.571	-0.003	99	1030826	40.0	40.0	
103 Chrysene	228	10.594	10.597	-0.006	98	1403089	50.0	43.6	
104 Bis(2-ethylhexyl) phthalate	149	10.655	10.655	-0.003	85	907325	50.0	47.6	
105 Di-n-octyl phthalate	149	11.393	11.393	-0.003	96	1442421	50.0	48.2	
106 Benzo[b]fluoranthene	252	11.764	11.764	-0.003	98	1449013	50.0	45.0	
107 Benzo[k]fluoranthene	252	11.799	11.799	-0.003	98	1657286	50.0	47.4	
108 Benzo[a]pyrene	252	12.157	12.157	-0.003	98	1434450	50.0	47.7	
* 109 Perylene-d12	264	12.231	12.234	-0.003	100	1196429	40.0	40.0	
110 Indeno[1,2,3-cd]pyrene	276	13.624	13.624	-0.004	98	1698957	50.0	48.8	M
111 Dibenz(a,h)anthracene	278	13.659	13.659	-0.004	98	1678945	50.0	48.2	
112 Benzo[g,h,i]perylene	276	13.966	13.967	-0.004	98	1685623	50.0	51.3	

QC Flag Legend

Processing Flags
E - Exceeded Maximum Amount
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

SM_ISTD_00197 Amount Added: 20.00 Units: uL Run Reagent

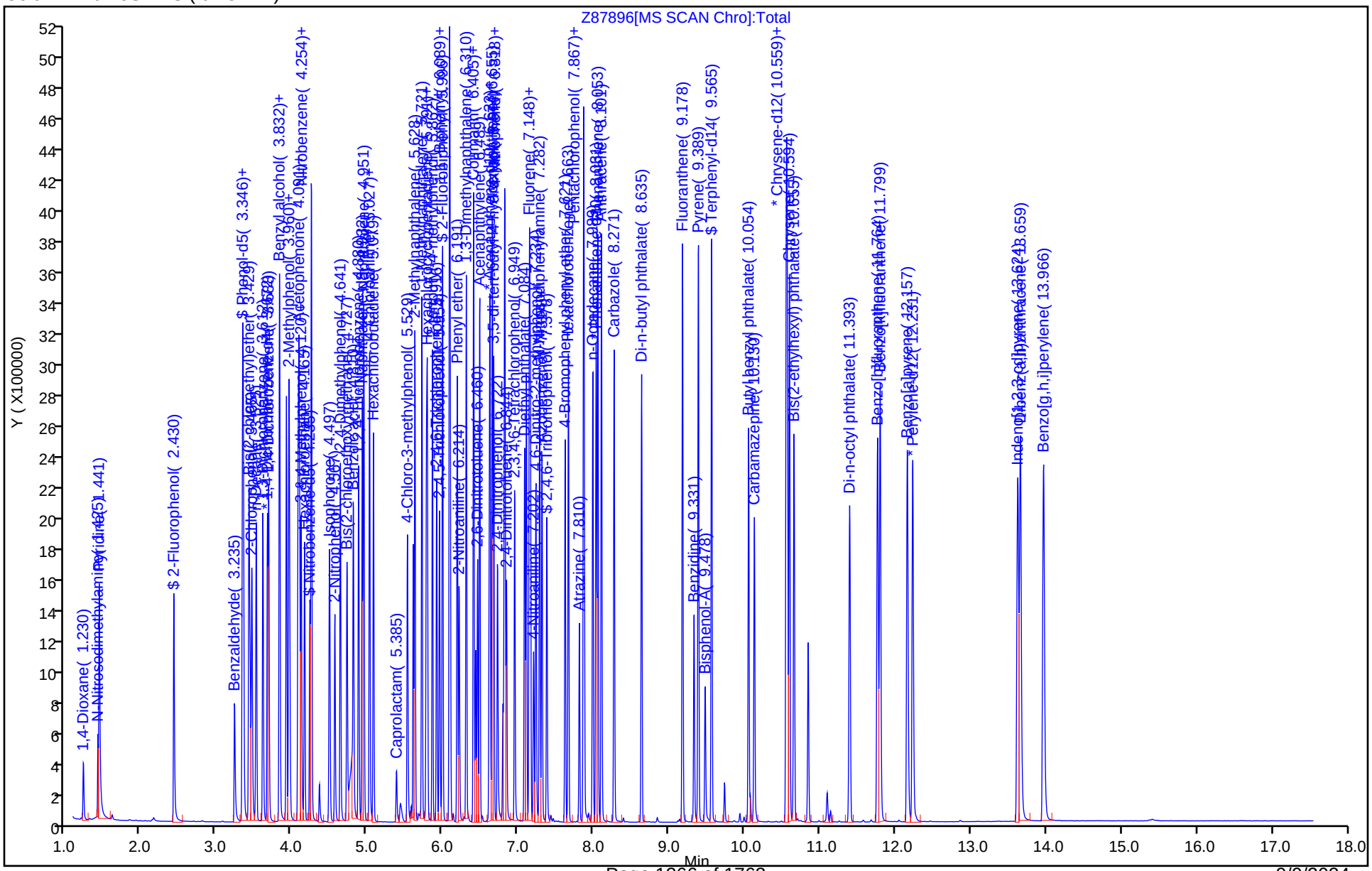
Report Date: 22-Aug-2024 08:42:58 Chrom Revision: 2.3 16-Jul-2024 14:17:34

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS11\20240822-179901.b\Z87896.d

Injection Date:	22-Aug-2024 08:19:30	Instrument ID:	CBNAMS11	Operator ID:	
Lims ID:	LCSD 460-991761/3-A			Worklist Smp#:	6
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8270_11R_9	Limit Group:	SV 8270E ICAL		

Column: Rtxi-5Sil MS (0.25 mm)



9/9/2024
1:05:41 PM

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-309671-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-993561/3-A

Matrix: Solid | Lab File ID: f63014.D

Analysis Method: 8270E | Date Collected:

Extract. Method: 3546 | Date Extracted: 08/30/2024 23:30

Sample wt/vol: 15.00(g) | Date Analyzed: 09/01/2024 13:48

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 993708 | Units: mg/Kg

Preparation Batch No.: 993561 | Instrument ID: CBNAMS15

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-12-7	Anthracene	3.26		0.33	0.010
56-55-3	Benzo[a]anthracene	3.26		0.033	0.025
50-32-8	Benzo[a]pyrene	3.69		0.033	0.0088
205-99-2	Benzo[b]fluoranthene	3.60		0.033	0.0086
191-24-2	Benzo[g,h,i]perylene	3.57		0.33	0.0098
218-01-9	Chrysene	3.19		0.33	0.014
86-73-7	Fluorene	3.19		0.33	0.0097
85-01-8	Phenanthrene	3.21		0.33	0.014
129-00-0	Pyrene	3.38		0.33	0.0082

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	94		38-128
4165-60-0	Nitrobenzene-d5 (Surr)	100		31-120
1718-51-0	Terphenyl-d14 (Surr)	94		44-147

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20240901-180333.b\f63014.D
Lims ID: LCSD 460-993561/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 01-Sep-2024 13:48:27 ALS Bottle#: 0 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0180333-006
Operator ID: Instrument ID: CBNAMS15

Method: \\chromfs\Edison\ChromData\CBNAMS15\20240901-180333.b\8270_15R_9.m
Limit Group: SV 8270E ICAL
Last Update: 02-Sep-2024 14:33:47 Calib Date: 30-Jul-2024 14:30:00
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS15\20240730-179025.b\f62120.D

Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
Process Host: CTX1635

First Level Reviewer: C8UP Date: 02-Sep-2024 14:33:47

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
1 1,4-Dioxane	88	1.595	1.601	-0.006	94	204329	50.0	39.7	
2 N-Nitrosodimethylamine	74	1.719	1.721	-0.005	93	292038	50.0	48.4	
3 Pyridine	79	1.736	1.748	-0.012	95	901323	100.0	84.8	
$ 5 2-Fluorophenol	112	2.401	2.401	0.000	96	574839	50.0	47.9	
7 Benzaldehyde	77	2.983	2.989	-0.006	96	157830	20.0	17.1	E
$ 8 Phenol-d5	99	3.030	3.042	-0.006	0	703190	50.0	49.6	
9 Phenol	94	3.042	3.042	0.000	95	698877	50.0	49.2	
10 Aniline	93	3.060	3.060	-0.012	98	495621	50.0	30.2	a
11 Bis(2-chloroethyl)ether	93	3.113	3.113	-0.006	97	561537	50.0	50.4	
12 2-Chlorophenol	128	3.148	3.154	-0.006	67	617978	50.0	48.7	
13 n-Decane	43	3.189	3.195	-0.006	88	456625	50.0	48.5	
14 1,3-Dichlorobenzene	146	3.260	3.260	-0.006	96	671320	50.0	46.3	
* 15 1,4-Dichlorobenzene-d4	152	3.301	3.307	-0.006	95	386750	40.0	40.0	
16 1,4-Dichlorobenzene	146	3.313	3.312	-0.006	93	678806	50.0	46.3	
17 Benzyl alcohol	108	3.413	3.406	0.000	95	380658	50.0	48.4	
18 1,2-Dichlorobenzene	146	3.424	3.424	-0.006	95	659852	50.0	47.3	
19 2-Methylphenol	108	3.495	3.494	-0.006	75	516430	50.0	48.8	
20 2,2'-oxybis[1-chloropropane]	45	3.518	3.512	-0.001	55	613473	50.0	52.2	
130 N-Methylaniline	106	3.607	3.600	0.000	85	830394	50.0	44.6	
21 Acetophenone	105	3.613	3.612	-0.006	95	884177	50.0	50.2	
22 4-Methylphenol	108	3.618	3.618	-0.006	91	584289	50.0	47.6	
23 3 & 4 Methylphenol	108	3.618	3.618	-0.006	0	584289	50.0	47.6	
24 N-Nitrosodi-n-propylamine	70	3.618	3.624	-0.006	66	332329	50.0	50.9	
25 Hexachloroethane	117	3.683	3.682	-0.006	93	261506	50.0	47.7	
$ 26 Nitrobenzene-d5	82	3.724	3.730	-0.006	85	648782	50.0	50.2	
27 Nitrobenzene	123	3.742	3.737	0.000	77	306531	50.0	52.0	
28 n,n'-Dimethylaniline	120	3.742	3.741	-0.006	84	857374	50.0	46.2	
29 Isophorone	82	3.930	3.930	0.000	98	1133284	50.0	50.5	
30 2-Nitrophenol	139	3.983	3.978	0.000	95	319616	50.0	48.4	
31 2,4-Dimethylphenol	122	4.024	4.025	-0.006	91	515502	50.0	56.2	
32 Bis(2-chloroethoxy)methane	93	4.107	4.101	0.000	97	715605	50.0	48.8	
33 Benzoic acid	122	4.130	4.130	-0.006	9	354110	50.0	44.3	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
34 2,4-Dichlorophenol	162	4.165	4.166	-0.006	97	513365	50.0	49.2	
35 1,2,4-Trichlorobenzene	180	4.230	4.230	-0.006	94	562277	50.0	45.5	
* 36 Naphthalene-d8	136	4.271	4.277	-0.006	99	1477322	40.0	40.0	
37 Naphthalene	128	4.289	4.289	-0.006	99	1808115	50.0	47.9	
38 4-Chloroaniline	127	4.336	4.336	-0.006	88	352499	50.0	23.1	
39 Hexachlorobutadiene	225	4.389	4.389	-0.006	93	332083	50.0	44.9	
40 Caprolactam	113	4.618	4.618	-0.006	93	61274	20.0	19.9	E
41 4-Chloro-3-methylphenol	107	4.724	4.718	0.000	96	516791	50.0	50.9	
42 2-Methylnaphthalene	142	4.824	4.817	0.000	73	1109310	50.0	43.0	
43 1-Methylnaphthalene	142	4.901	4.894	0.000	88	1147778	50.0	48.6	
44 Hexachlorocyclopentadiene	237	4.948	4.948	0.000	86	326981	50.0	53.7	
45 1,2,4,5-Tetrachlorobenzene	216	4.954	4.954	0.000	99	593198	50.0	46.5	
46 2-tertbutyl-4-methylphenol	149	4.995	4.994	-0.006	86	711425	50.0	46.4	
47 2,4,6-Trichlorophenol	196	5.042	5.048	-0.006	90	389014	50.0	49.0	
48 2,4,5-Trichlorophenol	196	5.071	5.071	0.000	90	425208	50.0	49.2	
$ 50 2-Fluorobiphenyl	172	5.112	5.118	-0.006	97	1392158	50.0	46.8	
51 1,1'-Biphenyl	154	5.189	5.189	0.000	95	1467839	50.0	47.0	
52 2-Chloronaphthalene	162	5.195	5.195	0.000	97	1157983	50.0	48.1	
53 Phenyl ether	170	5.271	5.271	0.000	84	804417	50.0	45.6	
54 2-Nitroaniline	65	5.277	5.283	-0.006	96	366524	50.0	48.9	
55 1,3-Dimethylnaphthalene	156	5.365	5.365	0.000	92	872044	50.0	43.8	
57 Coumarin	146	5.436	5.428	0.000	62	424071	50.0	44.5	
56 Dimethyl phthalate	163	5.436	5.436	0.000	98	1367411	50.0	49.0	
58 2,6-Dinitrotoluene	165	5.471	5.477	-0.006	75	300272	50.0	52.9	
59 Acenaphthylene	152	5.507	5.506	0.000	97	1937499	50.0	53.0	
60 3-Nitroaniline	138	5.589	5.595	-0.006	96	180203	50.0	27.4	
* 61 Acenaphthene-d10	164	5.612	5.613	-0.001	94	812493	40.0	40.0	
62 Acenaphthene	154	5.636	5.642	-0.006	94	1065146	50.0	47.2	
63 3,5-di-tert-butyl-4-hydroxytol	205	5.648	5.654	-0.006	96	852795	50.0	45.0	
64 2,4-Dinitrophenol	184	5.671	5.677	-0.006	78	316096	100.0	83.8	
65 4-Nitrophenol	65	5.730	5.736	-0.006	89	378046	100.0	91.2	
66 Dibenzofuran	168	5.771	5.771	0.000	92	1623132	50.0	46.8	
67 2,4-Dinitrotoluene	165	5.771	5.771	0.000	61	414047	50.0	53.2	
68 2,3,4,6-Tetrachlorophenol	232	5.865	5.865	0.000	97	350196	50.0	47.6	
69 Diethyl phthalate	149	5.971	5.977	-0.006	98	1395112	50.0	49.2	
70 Fluorene	166	6.024	6.030	-0.006	83	1334965	50.0	47.9	
71 4-Chlorophenyl phenyl ether	204	6.036	6.036	0.000	87	632719	50.0	47.4	
72 4-Nitroaniline	138	6.060	6.065	-0.005	55	271520	50.0	40.5	
73 4,6-Dinitro-2-methylphenol	198	6.077	6.077	0.000	91	476773	100.0	96.4	
74 N-Nitrosodiphenylamine	169	6.130	6.130	0.000	68	933083	50.0	46.5	
132 Azobenzene	77	6.154	6.160	-0.006	0	1239634	50.0	47.8	
75 1,2-Diphenylhydrazine	77	6.154	6.160	-0.006	13	1239634	50.0	47.8	
$ 76 2,4,6-Tribromophenol	330	6.207	6.207	0.000	89	290143	50.0	44.3	
77 4-Bromophenyl phenyl ether	248	6.401	6.401	0.000	92	414104	50.0	47.7	
78 Hexachlorobenzene	284	6.430	6.436	-0.006	92	520381	50.0	46.7	
79 Atrazine	200	6.542	6.542	0.000	91	139201	20.0	17.7	
80 Pentachlorophenol	266	6.583	6.589	-0.006	92	633056	100.0	94.5	
81 Pentachloronitrobenzene	237	6.595	6.595	0.000	90	163335	50.0	41.8	
82 n-Octadecane	57	6.683	6.683	0.000	88	760650	50.0	51.6	
* 83 Phenanthrene-d10	188	6.724	6.724	0.000	98	1573068	40.0	40.0	
84 Phenanthrene	178	6.742	6.748	-0.006	97	1939963	50.0	48.1	
85 Anthracene	178	6.783	6.783	0.000	98	2037907	50.0	48.9	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
87 Carbazole	167	6.907	6.906	0.000	83	1710875	50.0	44.7	
88 Di-n-butyl phthalate	149	7.195	7.195	0.000	99	2402347	50.0	53.3	
89 Fluoranthene	202	7.624	7.630	-0.006	97	2201372	50.0	49.4	
90 Benzidine	184	7.742	7.743	-0.012	99	269647	50.0	15.0	
91 Pyrene	202	7.795	7.784	0.000	98	2286939	50.0	50.7	
92 Bisphenol-A	213	7.854	7.854	0.000	99	351325	25.0	17.9	
$ 93 Terphenyl-d14	244	7.924	7.930	-0.006	97	1855842	50.0	46.9	
95 Butyl benzyl phthalate	149	8.318	8.307	0.000	95	1054616	50.0	53.3	
97 Carbamazepine	193	8.389	8.389	0.000	92	829067	50.0	45.8	
99 3,3'-Dichlorobenzidine	252	8.730	8.724	-0.006	87	410973	50.0	24.0	
100 Benzo[a]anthracene	228	8.742	8.742	0.000	98	2211379	50.0	49.0	
* 98 Chrysene-d12	240	8.753	8.754	-0.001	98	1402514	40.0	40.0	
101 Chrysene	228	8.771	8.777	-0.006	95	2125869	50.0	47.8	
102 Bis(2-ethylhexyl) phthalate	149	8.812	8.812	0.000	84	1524707	50.0	52.1	
103 Di-n-octyl phthalate	149	9.436	9.436	0.000	95	2629904	50.0	55.2	
104 Benzo[b]fluoranthene	252	9.748	9.753	-0.005	98	2245933	50.0	54.0	
105 Benzo[k]fluoranthene	252	9.777	9.783	-0.006	97	2461877	50.0	51.7	
106 Benzo[a]pyrene	252	10.077	10.077	0.000	97	2117828	50.0	55.3	
* 107 Perylene-d12	264	10.130	10.136	-0.006	98	1592565	40.0	40.0	
108 Indeno[1,2,3-cd]pyrene	276	11.230	11.230	0.000	99	2223799	50.0	48.8	
109 Dibenz(a,h)anthracene	278	11.265	11.265	0.000	42	2173689	50.0	51.1	
110 Benzo[g,h,i]perylene	276	11.506	11.506	0.000	96	2257354	50.0	53.5	
131 2,6-Dichlorophenol	162	4.342	4.348	-0.006	98	511238	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

E - Exceeded Maximum Amount

Review Flags

a - User Assigned ID

Reagents:

SM_ISTD_00197 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 02-Sep-2024 14:33:48 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS15\20240901-180333.b\f63014.D

Injection Date: 01-Sep-2024 13:48:27 Instrument ID: CBNAMS15 Operator ID:

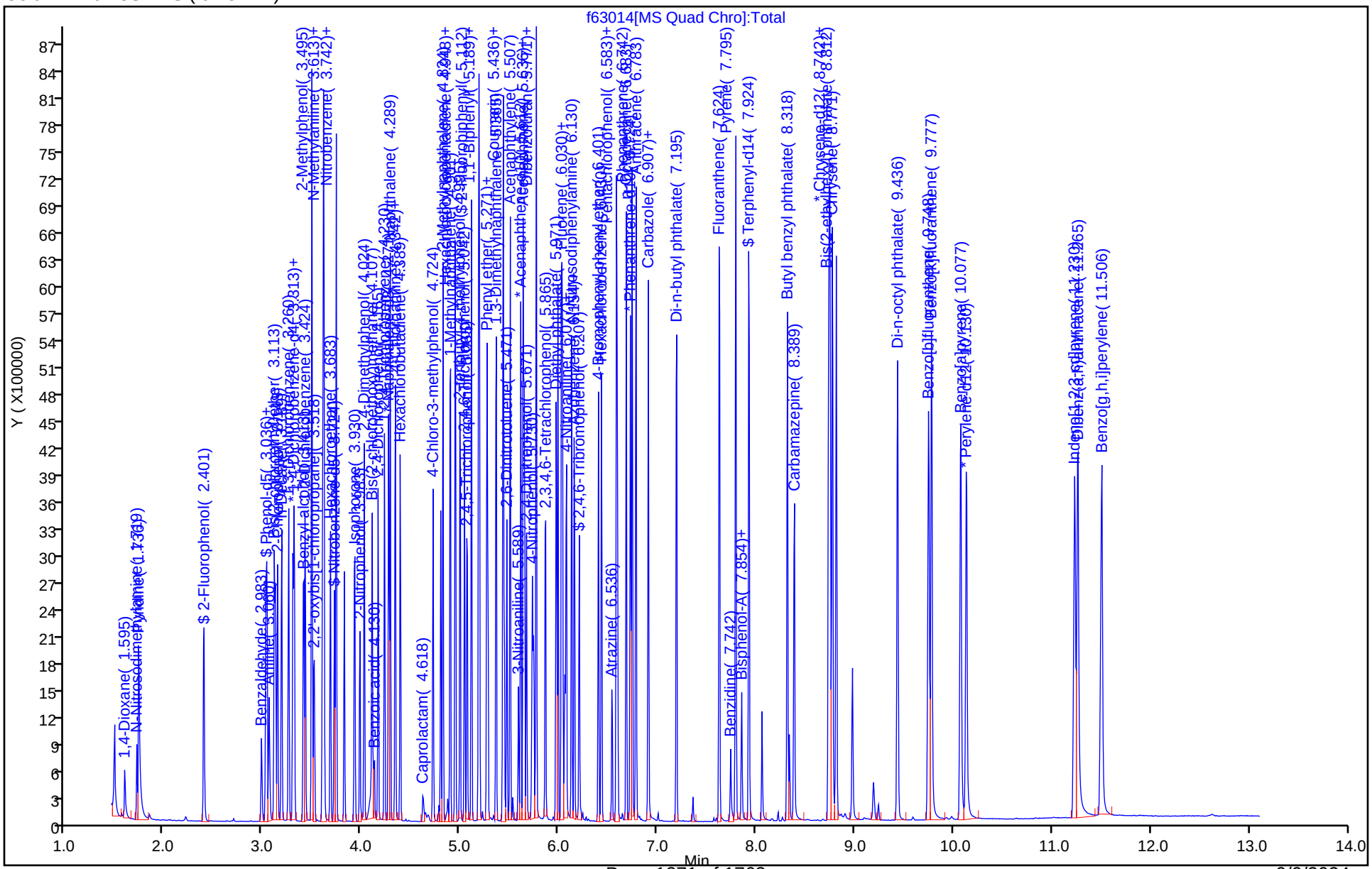
Lims ID: LCSD 460-993561/3-A Worklist Smp#: 6

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 0

Method: 8270_15R_9 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS (0.25 mm)



9/9/2024
1:05:41 PM

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-309671-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-309850-F-13-A MS

Matrix: Solid | Lab File ID: Z87908.d

Analysis Method: 8270E | Date Collected:

Extract. Method: 3546 | Date Extracted: 08/21/2024 20:34

Sample wt/vol: 15.03(g) | Date Analyzed: 08/22/2024 12:48

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 8.0 % Solids: 92.0 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 991830 | Units: mg/Kg

Preparation Batch No.: 991761 | Instrument ID: BNAMS11

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-12-7	Anthracene	3.37		0.36	0.011
56-55-3	Benzo[a]anthracene	3.34		0.036	0.027
50-32-8	Benzo[a]pyrene	3.53		0.036	0.0096
205-99-2	Benzo[b]fluoranthene	3.41		0.036	0.0093
191-24-2	Benzo[g,h,i]perylene	3.83		0.36	0.011
218-01-9	Chrysene	3.28		0.36	0.015
86-73-7	Fluorene	3.23		0.36	0.010
85-01-8	Phenanthrene	3.38		0.36	0.015
129-00-0	Pyrene	3.68		0.36	0.0089

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	90		38-128
4165-60-0	Nitrobenzene-d5 (Surr)	87		31-120
1718-51-0	Terphenyl-d14 (Surr)	101		44-147

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-309671-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-309681-E-1-D MS

Matrix: Solid | Lab File ID: f63020.D

Analysis Method: 8270E | Date Collected:

Extract. Method: 3546 | Date Extracted: 08/30/2024 23:30

Sample wt/vol: 15.04(g) | Date Analyzed: 09/01/2024 15:32

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 3.5 % Solids: 96.5 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 993708 | Units: mg/Kg

Preparation Batch No.: 993561 | Instrument ID: CBNAMS15

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-12-7	Anthracene	3.91		0.34	0.010
56-55-3	Benzo[a]anthracene	3.34		0.034	0.026
50-32-8	Benzo[a]pyrene	3.71		0.034	0.0091
205-99-2	Benzo[b]fluoranthene	3.70		0.034	0.0088
191-24-2	Benzo[g,h,i]perylene	3.69		0.34	0.010
218-01-9	Chrysene	3.31		0.34	0.014
86-73-7	Fluorene	5.38		0.34	0.010
85-01-8	Phenanthrene	8.87		0.34	0.014
129-00-0	Pyrene	3.81		0.34	0.0085

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	77		38-128
4165-60-0	Nitrobenzene-d5 (Surr)	155	S1+	31-120
1718-51-0	Terphenyl-d14 (Surr)	85		44-147

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-309671-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-309850-F-13-B MSD

Matrix: Solid | Lab File ID: Z87909.d

Analysis Method: 8270E | Date Collected:

Extract. Method: 3546 | Date Extracted: 08/21/2024 20:34

Sample wt/vol: 15.07(g) | Date Analyzed: 08/22/2024 13:10

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 8.0 % Solids: 92.0 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 991830 | Units: mg/Kg

Preparation Batch No.: 991761 | Instrument ID: BNAMS11

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-12-7	Anthracene	3.46		0.36	0.011
56-55-3	Benzo[a]anthracene	3.36		0.036	0.027
50-32-8	Benzo[a]pyrene	3.62		0.036	0.0095
205-99-2	Benzo[b]fluoranthene	3.55		0.036	0.0093
191-24-2	Benzo[g,h,i]perylene	3.94		0.36	0.011
218-01-9	Chrysene	3.35		0.36	0.015
86-73-7	Fluorene	3.28		0.36	0.010
85-01-8	Phenanthrene	3.42		0.36	0.015
129-00-0	Pyrene	3.65		0.36	0.0089

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	95		38-128
4165-60-0	Nitrobenzene-d5 (Surr)	92		31-120
1718-51-0	Terphenyl-d14 (Surr)	101		44-147

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-309671-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-309681-E-1-E MSD

Matrix: Solid | Lab File ID: f63021.D

Analysis Method: 8270E | Date Collected:

Extract. Method: 3546 | Date Extracted: 08/30/2024 23:30

Sample wt/vol: 15.01(g) | Date Analyzed: 09/01/2024 15:50

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 3.5 % Solids: 96.5 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 993708 | Units: mg/Kg

Preparation Batch No.: 993561 | Instrument ID: CBNAMS15

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
120-12-7	Anthracene	3.46		0.34	0.010
56-55-3	Benzo[a]anthracene	3.24		0.034	0.026
50-32-8	Benzo[a]pyrene	3.57		0.034	0.0091
205-99-2	Benzo[b]fluoranthene	3.61		0.034	0.0089
191-24-2	Benzo[g,h,i]perylene	3.63		0.34	0.010
218-01-9	Chrysene	3.23		0.34	0.014
86-73-7	Fluorene	5.35		0.34	0.010
85-01-8	Phenanthrene	8.77		0.34	0.014
129-00-0	Pyrene	3.71		0.34	0.0085

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl	77		38-128
4165-60-0	Nitrobenzene-d5 (Surr)	156	S1+	31-120
1718-51-0	Terphenyl-d14 (Surr)	85		44-147

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Instrument ID: CBNAMS11 Start Date: 08/08/2024 07:15

Analysis Batch Number: 989449 End Date: 08/08/2024 10:54

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-989449/1		08/08/2024 07:15	1	Z87617.d	Rtxi-5Sil MS 0.25(mm)
ICIS 460-989449/2		08/08/2024 07:31	1	Z87618.d	Rtxi-5Sil MS 0.25(mm)
STD120 460-989449/3 IC		08/08/2024 07:54	1	Z87619.d	Rtxi-5Sil MS 0.25(mm)
STD80 460-989449/4 IC		08/08/2024 08:16	1	Z87620.d	Rtxi-5Sil MS 0.25(mm)
STD20 460-989449/5 IC		08/08/2024 08:39	1	Z87621.d	Rtxi-5Sil MS 0.25(mm)
STD10 460-989449/6 IC		08/08/2024 09:01	1	Z87622.d	Rtxi-5Sil MS 0.25(mm)
STD5 460-989449/7 IC		08/08/2024 09:24	1	Z87623.d	Rtxi-5Sil MS 0.25(mm)
STD2 460-989449/8 IC		08/08/2024 09:46	1	Z87624.d	Rtxi-5Sil MS 0.25(mm)
STD1 460-989449/9 IC		08/08/2024 10:09	1	Z87625.d	Rtxi-5Sil MS 0.25(mm)
STD05 460-989449/10 IC		08/08/2024 10:31	1	Z87626.d	Rtxi-5Sil MS 0.25(mm)
ICV 460-989449/11		08/08/2024 10:54	1	Z87627.d	Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Instrument ID: CBNAMS11 Start Date: 08/22/2024 06:49

Analysis Batch Number: 991830 End Date: 08/22/2024 16:31

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-991830/2		08/22/2024 06:49	1	Z87892.d	Rtxi-5Sil MS 0.25(mm)
MB 460-991761/1-A		08/22/2024 07:34	1	Z87894.d	Rtxi-5Sil MS 0.25(mm)
LCS 460-991761/2-A		08/22/2024 07:56	1	Z87895.d	Rtxi-5Sil MS 0.25(mm)
LCSD 460-991761/3-A		08/22/2024 08:19	1	Z87896.d	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/22/2024 08:41	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/22/2024 09:04	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/22/2024 09:26	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/22/2024 09:48	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/22/2024 10:11	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/22/2024 10:33	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/22/2024 10:56	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/22/2024 11:18	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/22/2024 11:40	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/22/2024 12:03	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/22/2024 12:25	1		Rtxi-5Sil MS 0.25(mm)
460-309850-F-13-A MS		08/22/2024 12:48	1	Z87908.d	Rtxi-5Sil MS 0.25(mm)
460-309850-F-13-B MSD		08/22/2024 13:10	1	Z87909.d	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/22/2024 13:32	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/22/2024 13:55	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/22/2024 14:17	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/22/2024 14:39	1		Rtxi-5Sil MS 0.25(mm)
460-309671-1	20240815_UCS_INT-1-7.5-8	08/22/2024 15:02	1	Z87914.d	Rtxi-5Sil MS 0.25(mm)
460-309671-2	20240815_UCS_INT-2-6.5-7	08/22/2024 15:24	1	Z87915.d	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/22/2024 15:46	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/22/2024 16:09	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		08/22/2024 16:31	10		Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Instrument ID: CBNAMS15 Start Date: 07/30/2024 11:57

Analysis Batch Number: 987932 End Date: 07/30/2024 14:47

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-987932/1		07/30/2024 11:57	1	f62111a.D	Rtxi-5Sil MS 0.25(mm)
ICIS 460-987932/2		07/30/2024 12:10	1	f62112.D	Rtxi-5Sil MS 0.25(mm)
STD120 460-987932/3 IC		07/30/2024 12:27	1	f62113.D	Rtxi-5Sil MS 0.25(mm)
STD80 460-987932/4 IC		07/30/2024 12:45	1	f62114.D	Rtxi-5Sil MS 0.25(mm)
STD20 460-987932/5 IC		07/30/2024 13:02	1	f62115.D	Rtxi-5Sil MS 0.25(mm)
STD10 460-987932/6 IC		07/30/2024 13:20	1	f62116.D	Rtxi-5Sil MS 0.25(mm)
STD5 460-987932/7 IC		07/30/2024 13:37	1	f62117.D	Rtxi-5Sil MS 0.25(mm)
STD2 460-987932/8 IC		07/30/2024 13:55	1	f62118.D	Rtxi-5Sil MS 0.25(mm)
STD1 460-987932/9 IC		07/30/2024 14:12	1	f62119.D	Rtxi-5Sil MS 0.25(mm)
STD05 460-987932/10 IC		07/30/2024 14:30	1	f62120.D	Rtxi-5Sil MS 0.25(mm)
ICV 460-987932/11		07/30/2024 14:47	1	f62121.D	Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Instrument ID: CBNAMS15 Start Date: 09/01/2024 12:31

Analysis Batch Number: 993708 End Date: 09/01/2024 18:44

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-993708/2		09/01/2024 12:31	1	f63010.D	Rtxi-5Sil MS 0.25(mm)
MB 460-993561/1-A		09/01/2024 13:13	1	f63012.D	Rtxi-5Sil MS 0.25(mm)
LCS 460-993561/2-A		09/01/2024 13:31	1	f63013.D	Rtxi-5Sil MS 0.25(mm)
LCSD 460-993561/3-A		09/01/2024 13:48	1	f63014.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/01/2024 14:05	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/01/2024 14:23	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/01/2024 14:40	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/01/2024 14:58	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/01/2024 15:15	1		Rtxi-5Sil MS 0.25(mm)
460-309681-E-1-D MS		09/01/2024 15:32	1	f63020.D	Rtxi-5Sil MS 0.25(mm)
460-309681-E-1-E MSD		09/01/2024 15:50	1	f63021.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/01/2024 16:07	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/01/2024 16:25	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/01/2024 16:42	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/01/2024 17:00	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/01/2024 17:17	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/01/2024 17:34	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/01/2024 17:52	1		Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/01/2024 18:09	1		Rtxi-5Sil MS 0.25(mm)
460-309671-3	20240815_UCS_INT-3-7.5-8	09/01/2024 18:27	1	f63030.D	Rtxi-5Sil MS 0.25(mm)
ZZZZZ		09/01/2024 18:44	5		Rtxi-5Sil MS 0.25(mm)

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Batch Number: 987932 Batch Start Date: 07/30/24 11:57 Batch Analyst: Nimer, Diaa

Batch Method: 8270E Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	FinalAmount	SMDFTP_CH 00036	SV_BNA_ICV 00010	SV_BNA_L1 00006	SV_BNA_L2 00006	SV_BNA_L3 00006
DFTPP 460-987932/1		8270E			1 mL	1 mL				
ICIS 460-987932/2		8270E			1 mL					
STD120 460-987932/3 IC		8270E			1 mL					
STD80 460-987932/4 IC		8270E			1 mL					
STD20 460-987932/5 IC		8270E			1 mL					
STD10 460-987932/6 IC		8270E			1 mL					
STD5 460-987932/7 IC		8270E			1 mL					
STD2 460-987932/8 IC		8270E			1 mL					1 mL
STD1 460-987932/9 IC		8270E			1 mL				1 mL	
STD05 460-987932/10 IC		8270E			1 mL			1 mL		
ICV 460-987932/11		8270E			1 mL		1 mL			

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	SV_BNA_L4 00006	SV_BNA_L5 00006	SV_BNA_L6 00006	SV_BNA_L7 00007	SV_BNA_L8 00006	SV_BNA_L9 00006
DFTPP 460-987932/1		8270E								
ICIS 460-987932/2		8270E						1 mL		
STD120 460-987932/3 IC		8270E								1 mL
STD80 460-987932/4 IC		8270E							1 mL	
STD20 460-987932/5 IC		8270E					1 mL			
STD10 460-987932/6 IC		8270E				1 mL				
STD5 460-987932/7 IC		8270E			1 mL					
STD2 460-987932/8 IC		8270E								

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Batch Number: 987932 Batch Start Date: 07/30/24 11:57 Batch Analyst: Nimer, Diaa

Batch Method: 8270E Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	SV_BNA_L4 00006	SV_BNA_L5 00006	SV_BNA_L6 00006	SV_BNA_L7 00007	SV_BNA_L8 00006	SV_BNA_L9 00006
STD1 460-987932/9 IC		8270E								
STD05 460-987932/10 IC		8270E								
ICV 460-987932/11		8270E								

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Batch Number: 989449 Batch Start Date: 08/08/24 07:15 Batch Analyst: Johnston, Mark D

Batch Method: 8270E Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	FinalAmount	SMDFTP_CH 00036	SV_BNA_ICV 00011	SV_BNA_L1 00006	SV_BNA_L2 00006	SV_BNA_L3 00006
DFTPP 460-989449/1		8270E			1 mL	1 mL				
ICIS 460-989449/2		8270E			1 mL					
STD120 460-989449/3 IC		8270E			1 mL					
STD80 460-989449/4 IC		8270E			1 mL					
STD20 460-989449/5 IC		8270E			1 mL					
STD10 460-989449/6 IC		8270E			1 mL					
STD5 460-989449/7 IC		8270E			1 mL					
STD2 460-989449/8 IC		8270E			1 mL					1 mL
STD1 460-989449/9 IC		8270E			1 mL				1 mL	
STD05 460-989449/10 IC		8270E			1 mL			1 mL		
ICV 460-989449/11		8270E			1 mL		1 mL			

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	SV_BNA_L4 00006	SV_BNA_L5 00006	SV_BNA_L6 00006	SV_BNA_L7 00007	SV_BNA_L8 00006	SV_BNA_L9 00006
DFTPP 460-989449/1		8270E								
ICIS 460-989449/2		8270E						1 mL		
STD120 460-989449/3 IC		8270E								1 mL
STD80 460-989449/4 IC		8270E							1 mL	
STD20 460-989449/5 IC		8270E					1 mL			
STD10 460-989449/6 IC		8270E				1 mL				
STD5 460-989449/7 IC		8270E			1 mL					
STD2 460-989449/8 IC		8270E								

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Batch Number: 989449 Batch Start Date: 08/08/24 07:15 Batch Analyst: Johnston, Mark D

Batch Method: 8270E Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	SV_BNA_L4 00006	SV_BNA_L5 00006	SV_BNA_L6 00006	SV_BNA_L7 00007	SV_BNA_L8 00006	SV_BNA_L9 00006
STD1 460-989449/9 IC		8270E								
STD05 460-989449/10 IC		8270E								
ICV 460-989449/11		8270E								

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Batch Number: 991761 Batch Start Date: 08/21/24 20:34 Batch Analyst: Yallabandi, Gopichand X

Batch Method: 3546 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	OP_Benzald_sp 00021	OP_BNA SPIK 00053	OP_BNASurroga 00029	
MB 460-991761/1		3546, 8270E			15.00 g	1 mL			500 uL	
LCS 460-991761/2		3546, 8270E			15.00 g	1 mL	10 uL	500 uL	500 uL	
LCSD 460-991761/3		3546, 8270E			15.00 g	1 mL	10 uL	500 uL	500 uL	
460-309850-F-13 MS		3546, 8270E		T	15.03 g	1 mL	10 uL	500 uL	500 uL	
460-309850-F-13 MSD		3546, 8270E		T	15.07 g	1 mL	10 uL	500 uL	500 uL	
460-309671-F-1	20240815_UCS_INT-1-7.5-8	3546, 8270E	Solid	T	15.01 g	1 mL			500 uL	
460-309671-F-2	20240815_UCS_INT-2-6.5-7	3546, 8270E	Solid	T	15.02 g	1 mL			500 uL	

Batch Notes	
Method/Fraction	3546 / 8270E
Balance ID	13
Microwave Oven ID	MD-4965
Analyst ID - Extraction	gy
Blank Matrix ID	181427
Analyst ID - Spike Analyst	gy
Analyst ID - Spike Witness Analyst	jose
Prep Solvent ID	Dichloromethane: 962006 & Acetone: 1962019
Na2SO4 ID	232436
Analyst ID - Concentration	jose
Equipment ID - Concentration 1	31869
Thermometer ID - Concentration 1	31869
Concentration 1 Uncorrected Temperature	34.0 Degrees C
Concentration 1 Corrected Temperature	34.0 Degrees C
Vial Lot Number	21126080
Batch Comment	BNA Soil

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Batch Number: 991761 Batch Start Date: 08/21/24 20:34 Batch Analyst: Yallabandi, Gopichand X

Batch Method: 3546 Batch End Date:

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Batch Number: 993561 Batch Start Date: 08/30/24 23:26 Batch Analyst: Alinea, Archilles R

Batch Method: 3546 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	OP_Benzald_sp 00021	OP_BNA SPIK 00053	OP_BNASurroga 00029	AnalysisComment
MB 460-993561/1		3546, 8270E			15.00 g	1 mL			500 uL	
LCS 460-993561/2		3546, 8270E			15.00 g	1 mL	10 uL	500 uL	500 uL	
LCSD 460-993561/3		3546, 8270E			15.00 g	1 mL	10 uL	500 uL	500 uL	
460-309681-E-1 MS		3546, 8270E		T	15.04 g	1 mL	10 uL	500 uL	500 uL	
460-309681-E-1 MSD		3546, 8270E		T	15.01 g	1 mL	10 uL	500 uL	500 uL	
460-309671-E-3	20240815_UCS_INT-3-7.5-8	3546, 8270E	Solid	T	15.03 g	1 mL			500 uL	Added Samples

Batch Notes	
Method/Fraction	3546/ 8270
Balance ID	13
Microwave Oven ID	MD1952
Analyst ID - Extraction	ARCHIE
Blank Matrix ID	181427
Analyst ID - Spike Analyst	ARCHIE
Prep Solvent ID	ACETONE 2311962019/ MeCl2 24g162003
Na2SO4 ID	230290
Analyst ID - Concentration	Jose
Equipment ID - Concentration 1	31869
Thermometer ID - Concentration 1	31869
Concentration 1 Uncorrected Temperature	34.0 Degrees C
Concentration 1 Corrected Temperature	34.0 Degrees C
Batch Comment	BNA SOIL 8270

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Method 8011

EDB, DBCP, and 1,2,3-TCP (GC) by Method 8011

FORM II
GC SEMI VOA SURROGATE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-309671-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): DB CLP1 ID: 0.32(mm) GC Column (2): DB CLP2 ID: 0.32(mm)

Client Sample ID	Lab Sample ID	1122TCA1#	1122TCA2#
20240815_UCS_INT-1-7.5-8	460-309671-1	21 S1-	17 S1-
20240815_UCS_INT-2-6.5-7	460-309671-2	14 S1-	8 S1-
20240815_UCS_INT-3-7.5-8	460-309671-3	79	76
	MB 410-542917/1-A	119	113
	MB 410-547493/1-A	115	108
	LCS 410-542917/2-A	113	109
	LCS 410-547493/2-A	108	105
	LCSD 410-542917/3-A	108	103
	LCSD 410-547493/3-A	97	101
20240815_UCS_INT-3-7.5-8 MS	460-309671-3 MS	59 S1-	60
20240815_UCS_INT-3-7.5-8 MSD	460-309671-3 MSD	79	82

	QC LIMITS
1122TCA = 1,1,2,2-Tetrachloroethane (Surr)	60-140

Column to be used to flag recovery values

FORM II 8011

FORM II
GC SEMI VOA SURROGATE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-309671-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): DB CLP1 ID: 0.32(mm) GC Column (2): DB CLP2 ID: 0.32(mm)

Client Sample ID	Lab Sample ID	1122TCA1#	1122TCA2#
FB-1-081524	460-309671-4	82	87
	MB 410-543677/1-A		101
	LCS 410-543677/2-A		95
	LCSD 410-543677/3-A		92

	QC LIMITS
1122TCA = 1,1,2,2-Tetrachloroethane (Surr)	46-136

Column to be used to flag recovery values

FORM II 8011

FORM III
GC SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-309671-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 43EDBS24229002.006.D

Lab ID: LCS 410-542917/2-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
Ethylene Dibromide	0.00259	0.00246	95	60-140	

Column to be used to flag recovery and RPD values

FORM III 8011

FORM III
GC SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-309671-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 16EDBW24206016.006.D

Lab ID: LCS 410-543677/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Ethylene Dibromide	0.129	0.101	78	60-140	

Column to be used to flag recovery and RPD values

FORM III 8011

FORM III
GC SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-309671-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 43EDBS24229003.006.D

Lab ID: LCS 410-547493/2-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
Ethylene Dibromide	0.00259	0.00200	77	60-140	

Column to be used to flag recovery and RPD values

FORM III 8011

FORM III
GC SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-309671-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 43EDBS24229002.007.D

Lab ID: LCSD 410-542917/3-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCSD CONCENTRATION (mg/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Ethylene Dibromide	0.00259	0.00248	96	1	20	60-140	

Column to be used to flag recovery and RPD values

FORM III 8011

FORM III
GC SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-309671-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 16EDBW24206016.007.D

Lab ID: LCSD 410-543677/3-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Ethylene Dibromide	0.129	0.108	83	7	20	60-140	

Column to be used to flag recovery and RPD values

FORM III 8011

FORM III
GC SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-309671-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 43EDBS24229003.007.D

Lab ID: LCSD 410-547493/3-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCSD CONCENTRATION (mg/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Ethylene Dibromide	0.00259	0.00182	71	9	20	60-140	

Column to be used to flag recovery and RPD values

FORM III 8011

FORM III
GC SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-309671-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 43EDBS24229003.008.D

Lab ID: 460-309671-3 MS Client ID: 20240815_UCS_INT-3-7.5-8 MS

COMPOUND	SPIKE ADDED (mg/Kg)	SAMPLE CONCENTRATION (mg/Kg)	MS CONCENTRATION (mg/Kg)	MS % REC	QC LIMITS REC	#
Ethylene Dibromide	0.00325	0.00027 U	0.00302	93	60-140	

Column to be used to flag recovery and RPD values

FORM III 8011

FORM III
GC SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-309671-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 43EDBS24229003.009.D

Lab ID: 460-309671-3 MSD Client ID: 20240815_UCS_INT-3-7.5-8 MSD

COMPOUND	SPIKE ADDED (mg/Kg)	MSD CONCENTRATION (mg/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Ethylene Dibromide	0.00332	0.00201	61	40	20	60-140	F2

Column to be used to flag recovery and RPD values

FORM III 8011

FORM IV
GC SEMI VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-309671-1

SDG No.:

Lab Sample ID: MB 410-542917/1-A

Matrix: Solid Date Extracted: 08/21/2024 11:19

Lab File ID:(1) 43EDBS24229002.005.D Lab File ID:(2) 43EDBS24229002.005.D

Date Analyzed:(1) 08/22/2024 09:31 Date Analyzed:(2) 08/22/2024 09:31

Instrument ID:(1) 19846 Instrument ID:(2) 19846

GC Column:(1) DB CLP1 ID: 0.32(mm) GC Column:(2) DB CLP2 ID: 0.32(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 410-542917/2-A	08/22/2024 09:48	08/22/2024 09:48
	LCSD 410-542917/3-A	08/22/2024 10:06	08/22/2024 10:06
20240815_UCS_INT-2-6.5-7	460-309671-2	08/22/2024 13:48	08/22/2024 13:48
20240815_UCS_INT-1-7.5-8	460-309671-1	08/22/2024 14:05	08/22/2024 14:05

FORM IV
GC SEMI VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-309671-1

SDG No.:

Lab Sample ID: MB 410-543677/1-A

Matrix: Water Date Extracted: 08/22/2024 23:46

Lab File ID:(1) 16EDBW24206016.005.D Lab File ID:(2) 16EDBW24206016.005.D

Date Analyzed:(1) 08/23/2024 09:08 Date Analyzed:(2) 08/23/2024 09:08

Instrument ID:(1) 19853 Instrument ID:(2) 19853

GC Column:(1) DB CLP1 ID: 0.32(mm) GC Column:(2) DB CLP2 ID: 0.32(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 410-543677/2-A	08/23/2024 09:25	08/23/2024 09:25
	LCSD 410-543677/3-A	08/23/2024 09:42	08/23/2024 09:42
FB-1-081524	460-309671-4	08/23/2024 12:47	08/23/2024 12:47

FORM IV
GC SEMI VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-309671-1

SDG No.:

Lab Sample ID: MB 410-547493/1-A

Matrix: Solid Date Extracted: 09/04/2024 08:45

Lab File ID:(1) 43EDBS24229003.005.D Lab File ID:(2) 43EDBS24229003.005.D

Date Analyzed:(1) 09/06/2024 14:18 Date Analyzed:(2) 09/06/2024 14:18

Instrument ID:(1) 19846 Instrument ID:(2) 19846

GC Column:(1) DB CLP1 ID: 0.32(mm) GC Column:(2) DB CLP2 ID: 0.32(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 410-547493/2-A	09/06/2024 14:35	09/06/2024 14:35
	LCSD 410-547493/3-A	09/06/2024 14:53	09/06/2024 14:53
20240815_UCS_INT-3-7.5-8 MS	460-309671-3 MS	09/06/2024 15:10	09/06/2024 15:10
20240815_UCS_INT-3-7.5-8 MSD	460-309671-3 MSD	09/06/2024 15:27	09/06/2024 15:27
20240815_UCS_INT-3-7.5-8	460-309671-3	09/06/2024 15:44	09/06/2024 15:44

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-309671-1

SDG No.:

Sample No.: ICRT 410-541275/7 Date Analyzed: 08/16/2024 12:21

Instrument ID: 19846 GC Column: DB CLP1 ID: 0.32(mm)

Lab File ID (Standard): 43EDBS24229001.007. Heated Purge: (Y/N) N

Calibration ID: 64945

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				1122TCA		
				RT #		
INITIAL CALIBRATION SURROGATE				4.28		
UPPER LIMIT				4.31		
LOWER LIMIT				4.25		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
ICRT 410-541275/7		08/16/2024 12:21	43EDBS2422900 1.007.D	4.28		
ICV 410-541275/11		08/16/2024 13:29	43EDBS2422900 1.011.D	4.28		

1122TCA = 1,1,2,2-Tetrachloroethane

1122TCA RT Limit = ± 0.03 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-309671-1

SDG No.:

Sample No.: ICRT 410-541275/7 Date Analyzed: 08/16/2024 12:21

Instrument ID: 19846 GC Column: DB CLP2 ID: 0.32(mm)

Lab File ID (Standard): 43EDBS24229001.007. Heated Purge: (Y/N) N

Calibration ID: 64946

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				1122TCA RT #		
INITIAL CALIBRATION SURROGATE				5.56		
UPPER LIMIT				5.59		
LOWER LIMIT				5.53		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
ICRT 410-541275/7		08/16/2024 12:21	43EDBS2422900 1.007.D	5.56		
ICV 410-541275/11		08/16/2024 13:29	43EDBS2422900 1.011.D	5.57		

1122TCA = 1,1,2,2-Tetrachloroethane

1122TCA RT Limit = ± 0.03 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-309671-1

SDG No.:

Sample No.: CCVRT 410-543309/3 Date Analyzed: 08/22/2024 08:57

Instrument ID: 19846 GC Column: DB CLP1 ID: 0.32(mm)

Lab File ID (Standard): 43EDBS24229002.003. Heated Purge: (Y/N) N

Calibration ID: 64945

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				1122TCA RT #		
CONTINUING CALIBRATION SURROGATE				4.28		
UPPER LIMIT				4.31		
LOWER LIMIT				4.25		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 410-543309/3		08/22/2024 08:57	43EDBS2422900 2.003.D	4.28		
PIBLK 410-543309/4		08/22/2024 09:14	43EDBS2422900 2.004.D	4.28		
MB 410-542917/1-A		08/22/2024 09:31	43EDBS2422900 2.005.D	4.28		
LCS 410-542917/2-A		08/22/2024 09:48	43EDBS2422900 2.006.D	4.28		
LCSD 410-542917/3-A		08/22/2024 10:06	43EDBS2422900 2.007.D	4.28		
460-309671-2	20240815_UCS_INT-2-6.5-7	08/22/2024 13:48	43EDBS2422900 2.020.D	4.28		
460-309671-1	20240815_UCS_INT-1-7.5-8	08/22/2024 14:05	43EDBS2422900 2.021.D	4.28		
CCV 410-543309/22		08/22/2024 14:22	43EDBS2422900 2.022.D	4.28		
PIBLK 410-543309/23		08/22/2024 14:39	43EDBS2422900 2.023.D	4.28		

1122TCA = 1,1,2,2-Tetrachloroethane

1122TCA RT Limit = ± 0.03 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-309671-1

SDG No.:

Sample No.: CCVRT 410-543309/3 Date Analyzed: 08/22/2024 08:57

Instrument ID: 19846 GC Column: DB CLP2 ID: 0.32(mm)

Lab File ID (Standard): 43EDBS24229002.003. Heated Purge: (Y/N) N

Calibration ID: 64946

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				1122TCA RT #		
CONTINUING CALIBRATION SURROGATE				5.56		
UPPER LIMIT				5.59		
LOWER LIMIT				5.53		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 410-543309/3		08/22/2024 08:57	43EDBS242290002.003.D	5.56		
PIBLK 410-543309/4		08/22/2024 09:14	43EDBS242290002.004.D	5.56		
MB 410-542917/1-A		08/22/2024 09:31	43EDBS242290002.005.D	5.56		
LCS 410-542917/2-A		08/22/2024 09:48	43EDBS242290002.006.D	5.57		
LCSD 410-542917/3-A		08/22/2024 10:06	43EDBS242290002.007.D	5.56		
460-309671-2	20240815_UCS_INT-2-6.5-7	08/22/2024 13:48	43EDBS242290002.020.D	5.57		
460-309671-1	20240815_UCS_INT-1-7.5-8	08/22/2024 14:05	43EDBS242290002.021.D	5.57		
CCV 410-543309/22		08/22/2024 14:22	43EDBS242290002.022.D	5.56		
PIBLK 410-543309/23		08/22/2024 14:39	43EDBS242290002.023.D	5.56		

1122TCA = 1,1,2,2-Tetrachloroethane

1122TCA RT Limit = ± 0.03 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-309671-1

SDG No.:

Sample No.: CCVRT 410-548652/3 Date Analyzed: 09/06/2024 13:44

Instrument ID: 19846 GC Column: DB CLP1 ID: 0.32(mm)

Lab File ID (Standard): 43EDBS24229003.003. Heated Purge: (Y/N) N

Calibration ID: 64945

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				1122TCA RT #		
CONTINUING CALIBRATION SURROGATE				4.28		
UPPER LIMIT				4.31		
LOWER LIMIT				4.25		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 410-548652/3		09/06/2024 13:44	43EDBS24229003.003.D	4.28		
PIBLK 410-548652/4		09/06/2024 14:01	43EDBS24229003.004.D	4.27		
MB 410-547493/1-A		09/06/2024 14:18	43EDBS24229003.005.D	4.28		
LCS 410-547493/2-A		09/06/2024 14:35	43EDBS24229003.006.D	4.28		
LCSD 410-547493/3-A		09/06/2024 14:53	43EDBS24229003.007.D	4.28		
460-309671-3 MS	20240815_UCS_INT-3-7.5-8 MS	09/06/2024 15:10	43EDBS24229003.008.D	4.27		
460-309671-3 MSD	20240815_UCS_INT-3-7.5-8 MSD	09/06/2024 15:27	43EDBS24229003.009.D	4.28		
460-309671-3	20240815_UCS_INT-3-7.5-8	09/06/2024 15:44	43EDBS24229003.010.D	4.28		
CCV 410-548652/22		09/09/2024 07:56	43EDBS24229003.011.D	4.27		
PIBLK 410-548652/23		09/09/2024 08:13	43EDBS24229003.012.D	4.27		

1122TCA = 1,1,2,2-Tetrachloroethane

1122TCA RT Limit = ± 0.03 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-309671-1

SDG No.:

Sample No.: CCVRT 410-548652/3 Date Analyzed: 09/06/2024 13:44

Instrument ID: 19846 GC Column: DB CLP2 ID: 0.32(mm)

Lab File ID (Standard): 43EDBS24229003.003. Heated Purge: (Y/N) N

Calibration ID: 64946

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				1122TCA RT #		
CONTINUING CALIBRATION SURROGATE				5.56		
UPPER LIMIT				5.59		
LOWER LIMIT				5.53		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 410-548652/3		09/06/2024 13:44	43EDBS24229003.003.D	5.56		
PIBLK 410-548652/4		09/06/2024 14:01	43EDBS24229003.004.D	5.56		
MB 410-547493/1-A		09/06/2024 14:18	43EDBS24229003.005.D	5.56		
LCS 410-547493/2-A		09/06/2024 14:35	43EDBS24229003.006.D	5.57		
LCSD 410-547493/3-A		09/06/2024 14:53	43EDBS24229003.007.D	5.57		
460-309671-3 MS	20240815_UCS_INT-3-7.5-8 MS	09/06/2024 15:10	43EDBS24229003.008.D	5.56		
460-309671-3 MSD	20240815_UCS_INT-3-7.5-8 MSD	09/06/2024 15:27	43EDBS24229003.009.D	5.56		
460-309671-3	20240815_UCS_INT-3-7.5-8	09/06/2024 15:44	43EDBS24229003.010.D	5.57		
CCV 410-548652/22		09/09/2024 07:56	43EDBS24229003.011.D	5.56		
PIBLK 410-548652/23		09/09/2024 08:13	43EDBS24229003.012.D	5.56		

1122TCA = 1,1,2,2-Tetrachloroethane

1122TCA RT Limit = ± 0.03 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-309671-1

SDG No.:

Sample No.: ICRT 410-531918/6 Date Analyzed: 07/24/2024 14:20

Instrument ID: 19853 GC Column: DB CLP1 ID: 0.32(mm)

Lab File ID (Standard): 16EDBW24206001.006. Heated Purge: (Y/N) N

Calibration ID: 64097

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				1122TCA RT #		
INITIAL CALIBRATION SURROGATE				5.62		
UPPER LIMIT				5.65		
LOWER LIMIT				5.59		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
ICRT 410-531918/6		07/24/2024 14:20	16EDBW2420600 1.006.D	5.62		
ICV 410-531918/10		07/24/2024 15:27	16EDBW2420600 1.010.D	5.62		

1122TCA = 1,1,2,2-Tetrachloroethane

1122TCA RT Limit = ± 0.03 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-309671-1

SDG No.:

Sample No.: ICRT 410-531918/6 Date Analyzed: 07/24/2024 14:20

Instrument ID: 19853 GC Column: DB CLP2 ID: 0.32(mm)

Lab File ID (Standard): 16EDBW24206001.006. Heated Purge: (Y/N) N

Calibration ID: 64098

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				1122TCA RT #		
INITIAL CALIBRATION SURROGATE				6.57		
UPPER LIMIT				6.60		
LOWER LIMIT				6.54		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
ICRT 410-531918/6		07/24/2024 14:20	16EDBW2420600 1.006.D	6.57		
ICV 410-531918/10		07/24/2024 15:27	16EDBW2420600 1.010.D	6.57		

1122TCA = 1,1,2,2-Tetrachloroethane

1122TCA RT Limit = ± 0.03 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-309671-1

SDG No.:

Sample No.: CCVRT 410-543779/3 Date Analyzed: 08/23/2024 08:35

Instrument ID: 19853 GC Column: DB CLP1 ID: 0.32(mm)

Lab File ID (Standard): 16EDBW24206016.003. Heated Purge: (Y/N) N

Calibration ID: 64097

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				1122TCA		
				RT #		
CONTINUING CALIBRATION SURROGATE				5.62		
UPPER LIMIT				5.65		
LOWER LIMIT				5.59		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 410-543779/3		08/23/2024 08:35	16EDBW24206016.003.D	5.62		
PIBLK 410-543779/4		08/23/2024 08:52	16EDBW24206016.004.D	5.62		
460-309671-4	FB-1-081524	08/23/2024 12:47	16EDBW24206016.018.D	5.62		
CCV 410-543779/19		08/23/2024 13:03	16EDBW24206016.019.D	5.62		
PIBLK 410-543779/20		08/23/2024 13:20	16EDBW24206016.020.D	5.62		

1122TCA = 1,1,2,2-Tetrachloroethane

1122TCA RT Limit = ± 0.03 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-309671-1

SDG No.:

Sample No.: CCVRT 410-543779/3 Date Analyzed: 08/23/2024 08:35

Instrument ID: 19853 GC Column: DB CLP2 ID: 0.32(mm)

Lab File ID (Standard): 16EDBW24206016.003. Heated Purge: (Y/N) N

Calibration ID: 64098

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				1122TCA RT #		
CONTINUING CALIBRATION SURROGATE				6.57		
UPPER LIMIT				6.60		
LOWER LIMIT				6.54		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 410-543779/3		08/23/2024 08:35	16EDBW2420601 6.003.D	6.57		
PIBLK 410-543779/4		08/23/2024 08:52	16EDBW2420601 6.004.D	6.57		
MB 410-543677/1-A		08/23/2024 09:08	16EDBW2420601 6.005.D	6.57		
LCS 410-543677/2-A		08/23/2024 09:25	16EDBW2420601 6.006.D	6.57		
LCSD 410-543677/3-A		08/23/2024 09:42	16EDBW2420601 6.007.D	6.57		
460-309671-4	FB-1-081524	08/23/2024 12:47	16EDBW2420601 6.018.D	6.57		
CCV 410-543779/19		08/23/2024 13:03	16EDBW2420601 6.019.D	6.57		
PIBLK 410-543779/20		08/23/2024 13:20	16EDBW2420601 6.020.D	6.57		

1122TCA = 1,1,2,2-Tetrachloroethane

1122TCA RT Limit = ± 0.03 minutes of surrogate RT

Column used to flag values outside QC limits

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-309671-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 410-542917/2-A

Instrument ID (1): 19846 Instrument ID (2): 19846

Date Analyzed (1): 08/22/2024 09:48 Date Analyzed (2): 08/22/2024 09:48

GC Column (1): DB CLP1 ID: 0.32(mm) GC Column (2): DB CLP2 ID: 0.32(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Ethylene Dibromide	1		2.82	2.79	2.85	0.00246		3.2
	2		3.90	3.87	3.93	0.00239		

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-309671-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 410-542917/3-A

Instrument ID (1): 19846 Instrument ID (2): 19846

Date Analyzed (1): 08/22/2024 10:06 Date Analyzed (2): 08/22/2024 10:06

GC Column (1): DB CLP1 ID: 0.32(mm) GC Column (2): DB CLP2 ID: 0.32(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Ethylene Dibromide	1		2.82	2.79	2.85	0.00248		4.8
	2		3.90	3.87	3.93	0.00237		

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-309671-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 410-543677/2-A

Instrument ID (1): 19853 Instrument ID (2): 19853

Date Analyzed (1): 08/23/2024 09:25 Date Analyzed (2): 08/23/2024 09:25

GC Column (1): DB CLP1 ID: 0.32(mm) GC Column (2): DB CLP2 ID: 0.32(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Ethylene Dibromide	1		4.11	4.08	4.14	0.101		11.9
	2		4.88	4.85	4.91	0.114		

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-309671-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 410-543677/3-A

Instrument ID (1): 19853 Instrument ID (2): 19853

Date Analyzed (1): 08/23/2024 09:42 Date Analyzed (2): 08/23/2024 09:42

GC Column (1): DB CLP1 ID: 0.32(mm) GC Column (2): DB CLP2 ID: 0.32(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Ethylene Dibromide	1		4.11	4.08	4.14	0.108		12.7
	2		4.88	4.85	4.91	0.122		

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-309671-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 410-547493/2-A

Instrument ID (1): 19846 Instrument ID (2): 19846

Date Analyzed (1): 09/06/2024 14:35 Date Analyzed (2): 09/06/2024 14:35

GC Column (1): DB CLP1 ID: 0.32(mm) GC Column (2): DB CLP2 ID: 0.32(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Ethylene Dibromide	1		2.82	2.79	2.85	0.00200		3.3
	2		3.90	3.87	3.93	0.00207		

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-309671-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 410-547493/3-A

Instrument ID (1): 19846 Instrument ID (2): 19846

Date Analyzed (1): 09/06/2024 14:53 Date Analyzed (2): 09/06/2024 14:53

GC Column (1): DB CLP1 ID: 0.32(mm) GC Column (2): DB CLP2 ID: 0.32(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Ethylene Dibromide	1		2.82	2.79	2.85	0.00182		8.4
	2		3.90	3.87	3.93	0.00198		

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-309671-1

SDG No.:

Client Sample ID: 20240815_UCS_INT-3-7.5-8 MS Lab Sample ID: 460-309671-3 MS

Instrument ID (1): 19846 Instrument ID (2): 19846

Date Analyzed (1): 09/06/2024 15:10 Date Analyzed (2): 09/06/2024 15:10

GC Column (1): DB CLP1 ID: 0.32(mm) GC Column (2): DB CLP2 ID: 0.32(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Ethylene Dibromide	1		2.82	2.79	2.85	0.00302		0.6
	2		3.90	3.87	3.93	0.00304		

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-309671-1

SDG No.:

Client Sample ID: 20240815_UCS_INT-3-7.5-8 MS Lab Sample ID: 460-309671-3 MSD

Instrument ID (1): 19846 Instrument ID (2): 19846

Date Analyzed (1): 09/06/2024 15:27 Date Analyzed (2): 09/06/2024 15:27

GC Column (1): DB CLP1 ID: 0.32(mm) GC Column (2): DB CLP2 ID: 0.32(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Ethylene Dibromide	1		2.82	2.79	2.85	0.00201		1.6
	2		3.90	3.87	3.93	0.00198		

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-309671-1

SDG No.:

Client Sample ID: 20240815_UCS_INT-1-7.5-8
Lab Sample ID: 460-309671-1

Matrix: Solid
Lab File ID: 43EDBS24229002.021.D

Analysis Method: 8011
Date Collected: 08/15/2024 09:45

Extraction Method: 8011
Date Extracted: 08/21/2024 11:19

Sample wt/vol: 10.4(g)
Date Analyzed: 08/22/2024 14:05

Con. Extract Vol.: 10(mL)
Dilution Factor: 10

Injection Volume: 1(uL)
GC Column: DB CLP1 ID: 0.32(mm)

% Moisture: 22.0 % Solids: 78.0
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 543309
Units: mg/Kg

Preparation Batch No.: 542917
Instrument ID: Agilent GC/ECD - CP43

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	0.0026	U	0.0062	0.0026

CAS NO.	SURROGATE	%REC	Q	LIMITS
79-34-5	1,1,2,2-Tetrachloroethane (Surr)	21	S1-	60-140

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240822-122934.b\43EDBS24229002.021.D
Lims ID: 460-309671-E-1-A
Client ID: 20240815_UCS_INT-1-7.5-8
Sample Type: Client
Inject. Date: 22-Aug-2024 14:05:00 ALS Bottle#: 0 Worklist Smp#: 21
Injection Vol: 1.0 ul Dil. Factor: 10.0000
Sample Info: 460-309671-E-1-A
Operator ID: Instrument ID: 19846

Method: \\chromfs\Lancaster\ChromData\19846\20240822-122934.b\8011_19846S.m
Limit Group: GCSV - 8011 Solid
Last Update: 23-Aug-2024 07:14:56 Calib Date: 16-Aug-2024 12:55:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240816-122419.b\43EDBS24229001.009.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1628

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
1 Ethylene Dibromide						
1		2.822			ND	
2		3.897				
$ 2 1,1,2,2-Tetrachloroethane						
1	4.277	4.275	0.002	1253436	H 0.0256	
2	5.567	5.563	0.004	1609585	H 0.0205	
					RPD = 22.13	

Report Date: 23-Aug-2024 07:15:11 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240822-122934.b\43EDBS24229002.021.D

Injection Date: 22-Aug-2024 14:05:00 Instrument ID: 19846

Lims ID: 460-309671-E-1-A Lab Sample ID: 410-309671-1

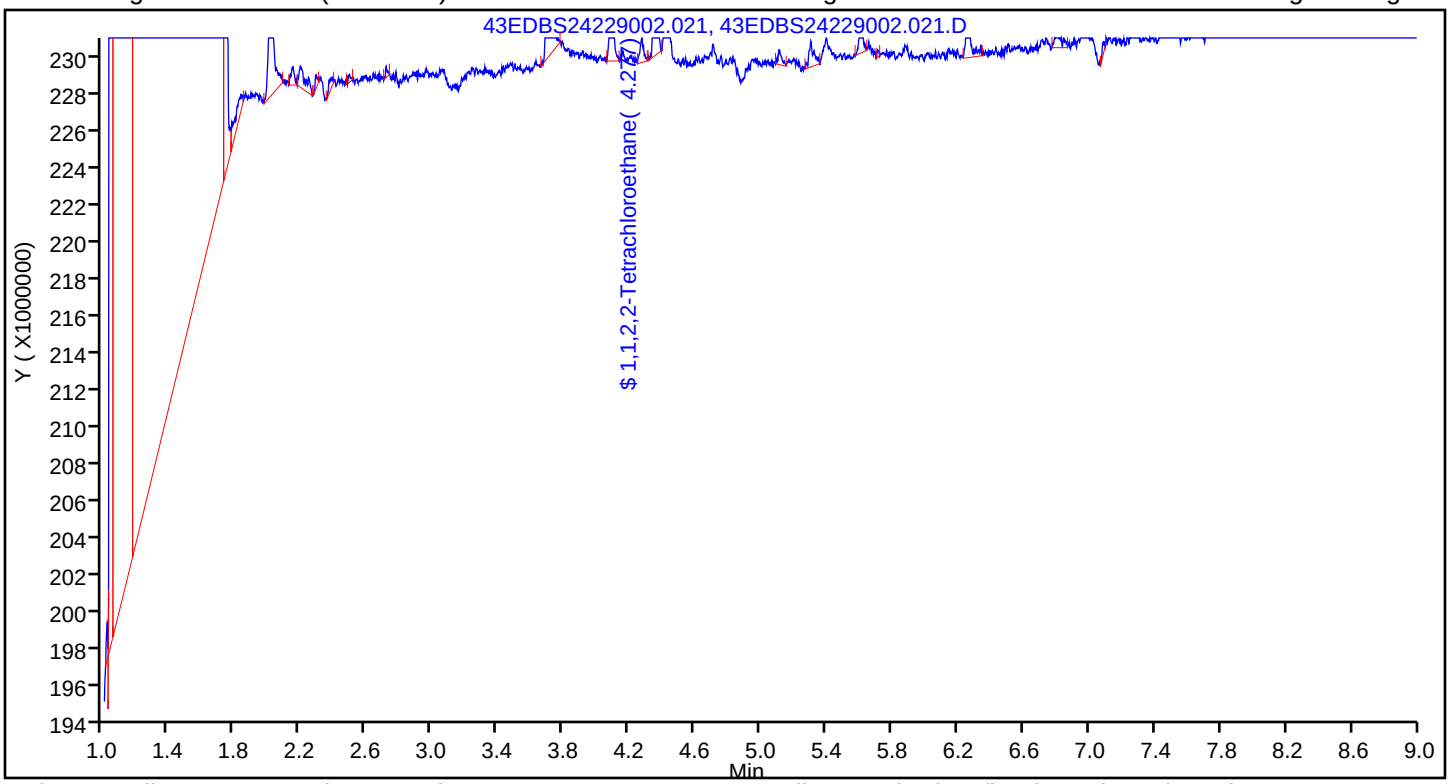
Client ID: 20240815_UCS_INT-1-7.5-8

Operator ID: ALS Bottle#: 0 Worklist Smp#: 21

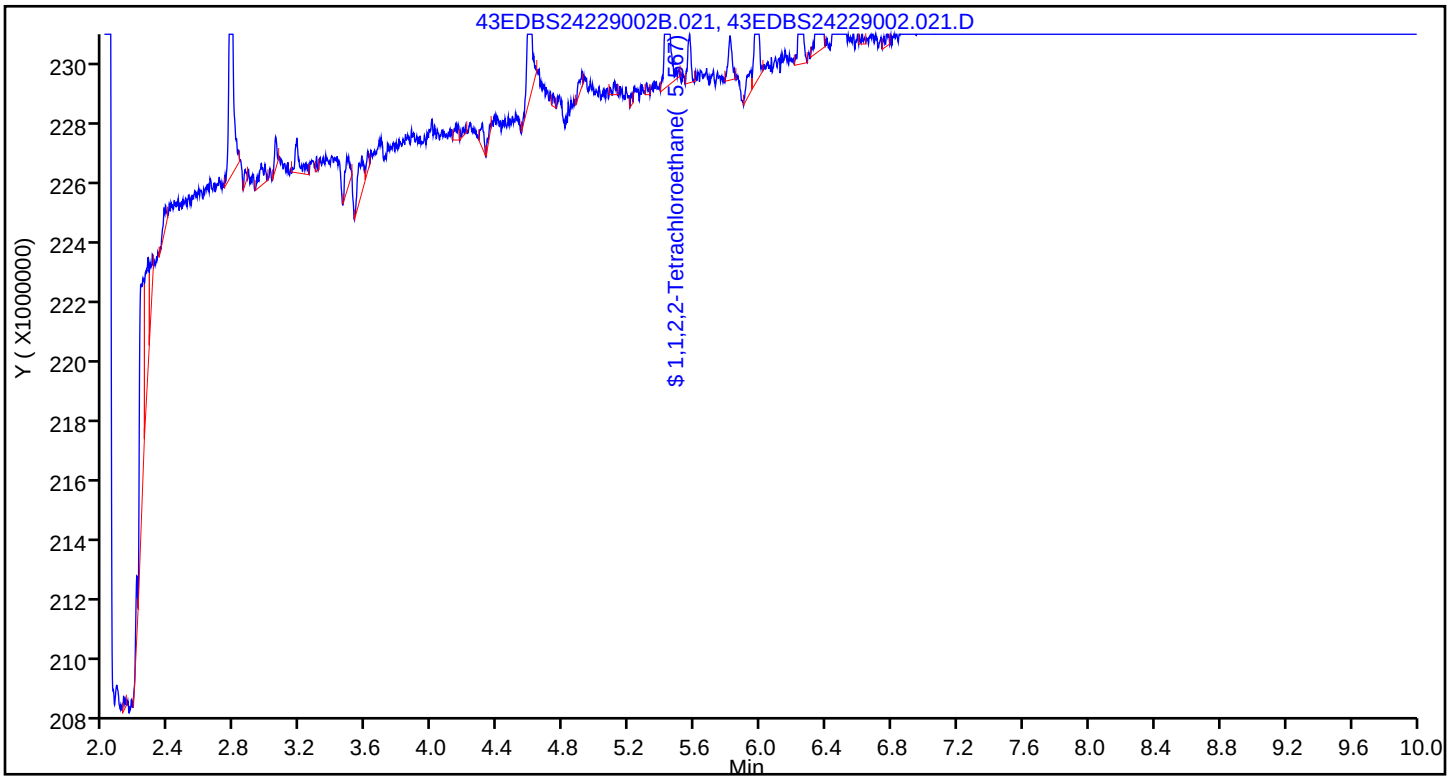
Injection Vol: 1.0 ul Dil. Factor: 10.0000

Method: 8011_19846S Limit Group: GCSV - 8011 Solid

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-309671-1

SDG No.:

Client Sample ID: 20240815_UCS_INT-1-7.5-8 Lab Sample ID: 460-309671-1

Matrix: Solid Lab File ID: 43EDBS24229002.021.D

Analysis Method: 8011 Date Collected: 08/15/2024 09:45

Extraction Method: 8011 Date Extracted: 08/21/2024 11:19

Sample wt/vol: 10.4(g) Date Analyzed: 08/22/2024 14:05

Con. Extract Vol.: 10(mL) Dilution Factor: 10

Injection Volume: 1(uL) GC Column: DB CLP2 ID: 0.32(mm)

% Moisture: 22.0 % Solids: 78.0 GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 543309 Units: mg/Kg

Preparation Batch No.: 542917 Instrument ID: Agilent GC/ECD - CP43

CAS NO.	SURROGATE	%REC	Q	LIMITS
79-34-5	1,1,2,2-Tetrachloroethane (Surr)	17	S1-	60-140

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240822-122934.b\43EDBS24229002.021.D
Lims ID: 460-309671-E-1-A
Client ID: 20240815_UCS_INT-1-7.5-8
Sample Type: Client
Inject. Date: 22-Aug-2024 14:05:00 ALS Bottle#: 0 Worklist Smp#: 21
Injection Vol: 1.0 ul Dil. Factor: 10.0000
Sample Info: 460-309671-E-1-A
Operator ID: Instrument ID: 19846

Method: \\chromfs\Lancaster\ChromData\19846\20240822-122934.b\8011_19846S.m
Limit Group: GCSV - 8011 Solid
Last Update: 23-Aug-2024 07:14:56 Calib Date: 16-Aug-2024 12:55:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240816-122419.b\43EDBS24229001.009.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1628

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
1 Ethylene Dibromide						
1		2.822			ND	
2		3.897				
$ 2 1,1,2,2-Tetrachloroethane						
1	4.277	4.275	0.002	1253436	H 0.0256	
2	5.567	5.563	0.004	1609585	H 0.0205	
					RPD = 22.13	

Report Date: 23-Aug-2024 07:15:11 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240822-122934.b\43EDBS24229002.021.D

Injection Date: 22-Aug-2024 14:05:00 Instrument ID: 19846

Lims ID: 460-309671-E-1-A Lab Sample ID: 410-309671-1

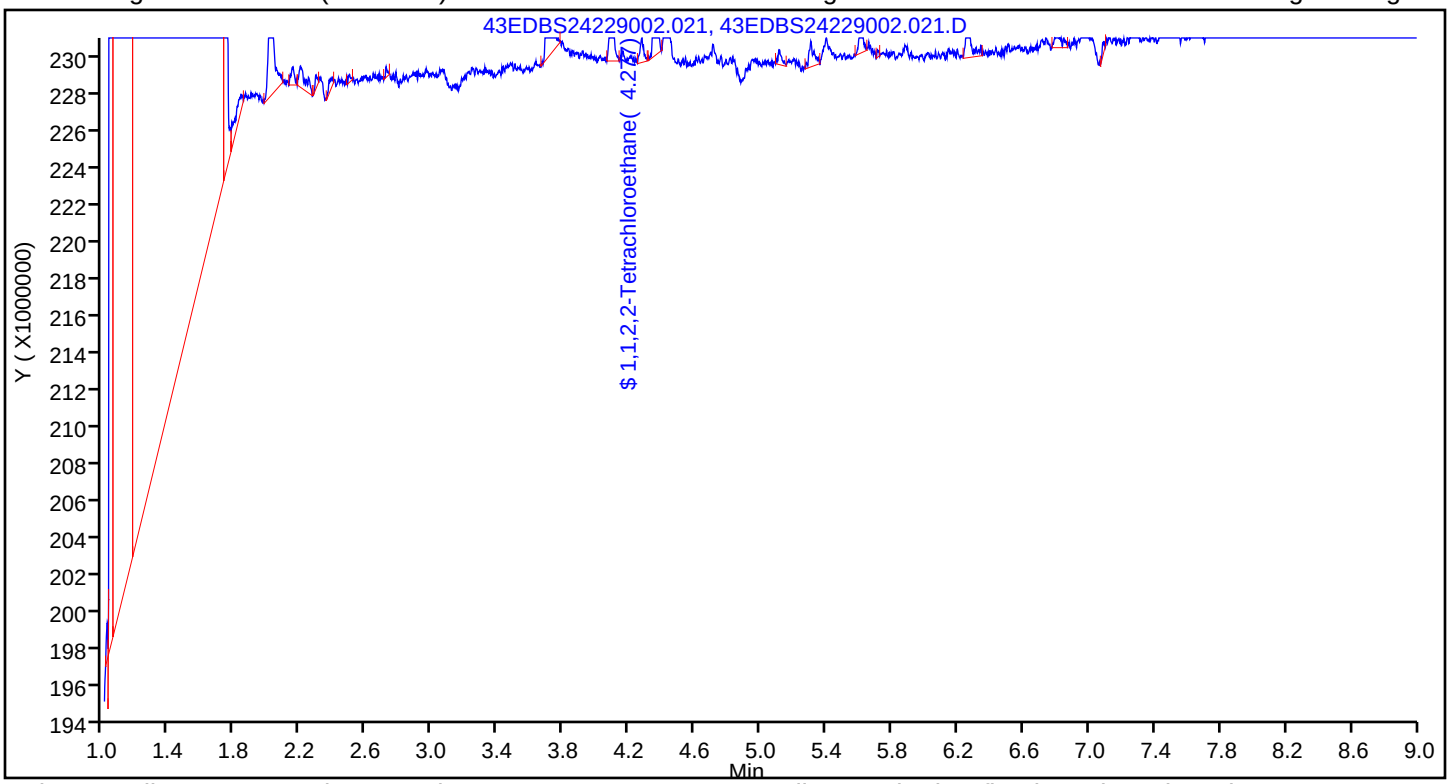
Client ID: 20240815_UCS_INT-1-7.5-8

Operator ID: ALS Bottle#: 0 Worklist Smp#: 21

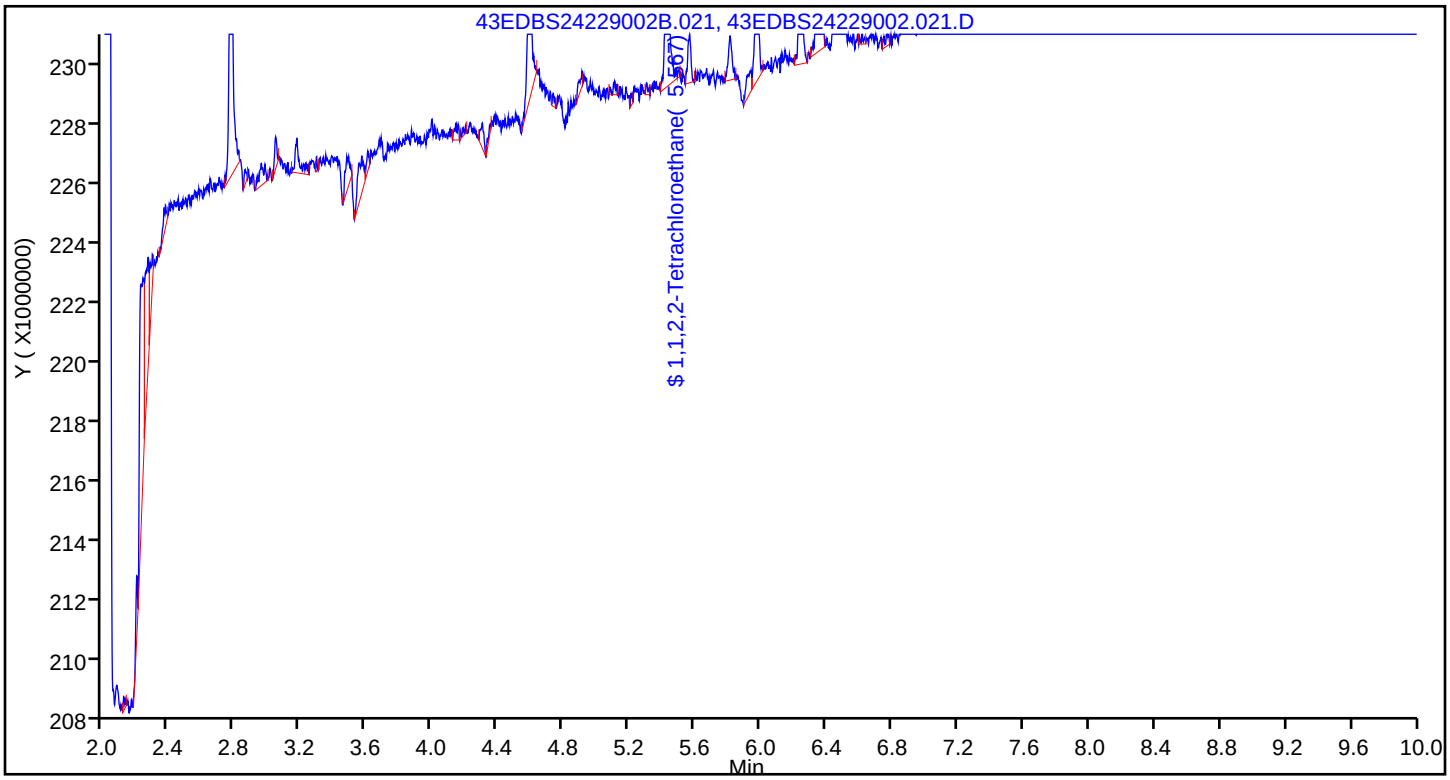
Injection Vol: 1.0 ul Dil. Factor: 10.0000

Method: 8011_19846S Limit Group: GCSV - 8011 Solid

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-309671-1

SDG No.:

Client Sample ID: 20240815_UCS_INT-2-6.5-7
Lab Sample ID: 460-309671-2

Matrix: Solid
Lab File ID: 43EDBS24229002.020.D

Analysis Method: 8011
Date Collected: 08/15/2024 09:55

Extraction Method: 8011
Date Extracted: 08/21/2024 11:19

Sample wt/vol: 10.4(g)
Date Analyzed: 08/22/2024 13:48

Con. Extract Vol.: 10(mL)
Dilution Factor: 10

Injection Volume: 1(uL)
GC Column: DB CLP1 ID: 0.32(mm)

% Moisture: 19.3 % Solids: 80.7
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 543309
Units: mg/Kg

Preparation Batch No.: 542917
Instrument ID: Agilent GC/ECD - CP43

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	0.0025	U	0.0060	0.0025

CAS NO.	SURROGATE	%REC	Q	LIMITS
79-34-5	1,1,2,2-Tetrachloroethane (Surr)	14	S1-	60-140

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File:	\\chromfs\Lancaster\ChromData\19846\20240822-122934.b\43EDBS24229002.020.D				
Lims ID:	460-309671-E-2-A				
Client ID:	20240815_UCS_INT-2-6.5-7				
Sample Type:	Client				
Inject. Date:	22-Aug-2024 13:48:00	ALS Bottle#:	0	Worklist Smp#:	20
Injection Vol:	1.0 ul	Dil. Factor:	10.0000		
Sample Info:	460-309671-E-2-A				
Operator ID:		Instrument ID:	19846		
Method:	\\chromfs\Lancaster\ChromData\19846\20240822-122934.b\8011_19846S.m				
Limit Group:	GCSV - 8011 Solid				
Last Update:	23-Aug-2024 07:14:56	Calib Date:	16-Aug-2024 12:55:00		
Integrator:	Falcon				
Quant Method:	External Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\19846\20240816-122419.b\43EDBS24229001.009.D				
Column 1 :	Agilent DB-CLP1 (0.32 mm)		Det: 1ECDA		
Column 2 :	Agilent DB-CLP2 (0.32 mm)		Det: 2ECDB		
Process Host:	CTX1628				

First Level Reviewer: URS0 Date: 22-Aug-2024 14:20:54

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
1 Ethylene Dibromide						
1		2.822			ND	
2		3.897				
$ 2 1,1,2,2-Tetrachloroethane						
1	4.275	4.275	0.000	1194421	H 0.0172	
2	5.567	5.563	0.004	1491015	H 0.0100	
					RPD = 53.40	

QC Flag Legend

Processing Flags

H - Response Measured by Height

Report Date: 23-Aug-2024 07:15:10 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240822-122934.b\43EDBS24229002.020.D

Injection Date: 22-Aug-2024 13:48:00 Instrument ID: 19846

Lims ID: 460-309671-E-2-A Lab Sample ID: 410-309671-2

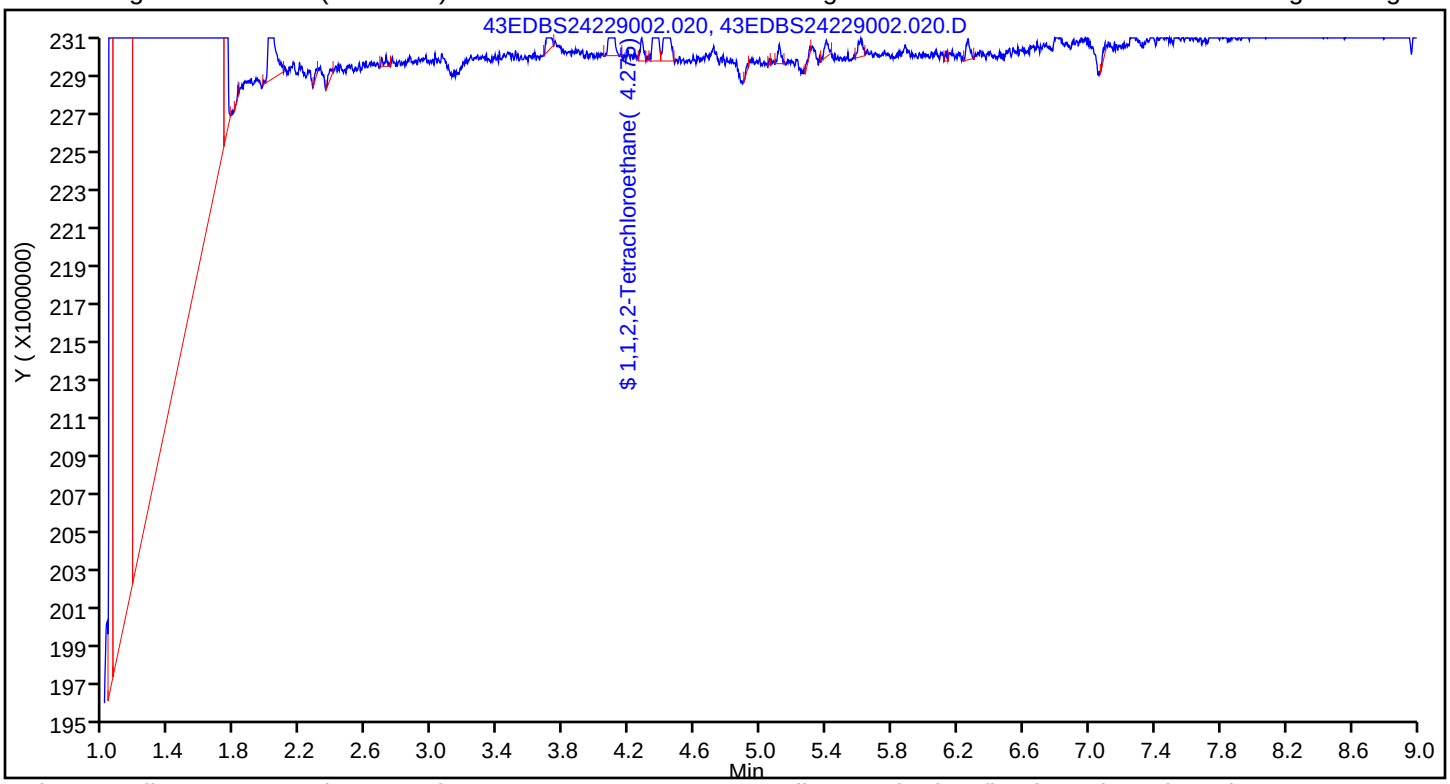
Client ID: 20240815_UCS_INT-2-6.5-7

Operator ID: ALS Bottle#: 0 Worklist Smp#: 20

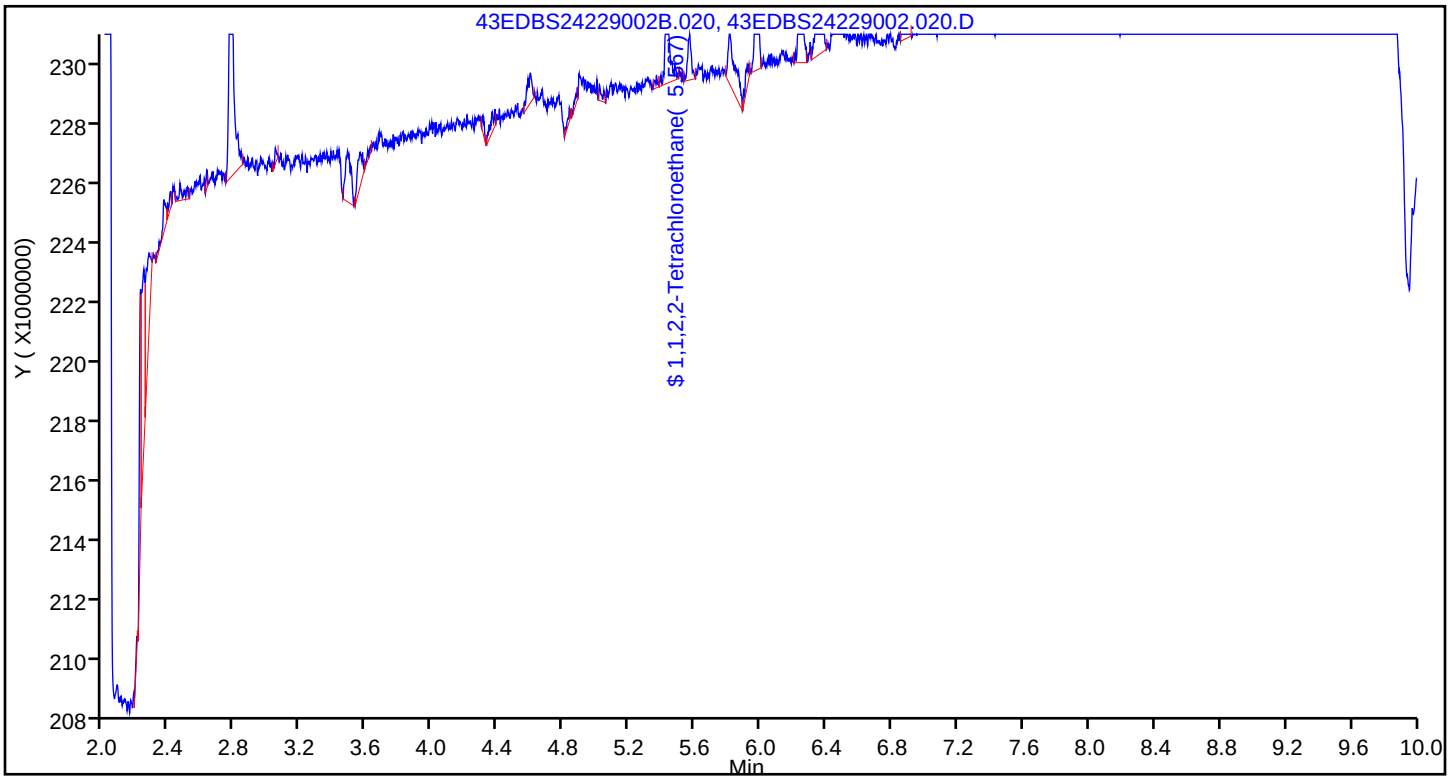
Injection Vol: 1.0 ul Dil. Factor: 10.0000

Method: 8011_19846S Limit Group: GCSV - 8011 Solid

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-309671-1

SDG No.:

Client Sample ID: 20240815_UCS_INT-2-6.5-7
Lab Sample ID: 460-309671-2

Matrix: Solid
Lab File ID: 43EDBS24229002.020.D

Analysis Method: 8011
Date Collected: 08/15/2024 09:55

Extraction Method: 8011
Date Extracted: 08/21/2024 11:19

Sample wt/vol: 10.4(g)
Date Analyzed: 08/22/2024 13:48

Con. Extract Vol.: 10(mL)
Dilution Factor: 10

Injection Volume: 1(uL)
GC Column: DB CLP2 ID: 0.32(mm)

% Moisture: 19.3 % Solids: 80.7
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 543309
Units: mg/Kg

Preparation Batch No.: 542917
Instrument ID: Agilent GC/ECD - CP43

CAS NO.	SURROGATE	%REC	Q	LIMITS
79-34-5	1,1,2,2-Tetrachloroethane (Surr)	8	S1-	60-140

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File:	\\chromfs\Lancaster\ChromData\19846\20240822-122934.b\43EDBS24229002.020.D				
Lims ID:	460-309671-E-2-A				
Client ID:	20240815_UCS_INT-2-6.5-7				
Sample Type:	Client				
Inject. Date:	22-Aug-2024 13:48:00	ALS Bottle#:	0	Worklist Smp#:	20
Injection Vol:	1.0 ul	Dil. Factor:	10.0000		
Sample Info:	460-309671-E-2-A				
Operator ID:		Instrument ID:	19846		
Method:	\\chromfs\Lancaster\ChromData\19846\20240822-122934.b\8011_19846S.m				
Limit Group:	GCSV - 8011 Solid				
Last Update:	23-Aug-2024 07:14:56	Calib Date:	16-Aug-2024 12:55:00		
Integrator:	Falcon				
Quant Method:	External Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\19846\20240816-122419.b\43EDBS24229001.009.D				
Column 1 :	Agilent DB-CLP1 (0.32 mm)		Det: 1ECDA		
Column 2 :	Agilent DB-CLP2 (0.32 mm)		Det: 2ECDB		
Process Host:	CTX1628				

First Level Reviewer: URS0 Date: 22-Aug-2024 14:20:54

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
1 Ethylene Dibromide						
1		2.822			ND	
2		3.897				
$ 2 1,1,2,2-Tetrachloroethane						
1	4.275	4.275	0.000	1194421	0.0172	H
2	5.567	5.563	0.004	1491015	0.0100	H
					RPD = 53.40	

QC Flag Legend

Processing Flags

H - Response Measured by Height

Report Date: 23-Aug-2024 07:15:10 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240822-122934.b\43EDBS24229002.020.D

Injection Date: 22-Aug-2024 13:48:00 Instrument ID: 19846

Lims ID: 460-309671-E-2-A Lab Sample ID: 410-309671-2

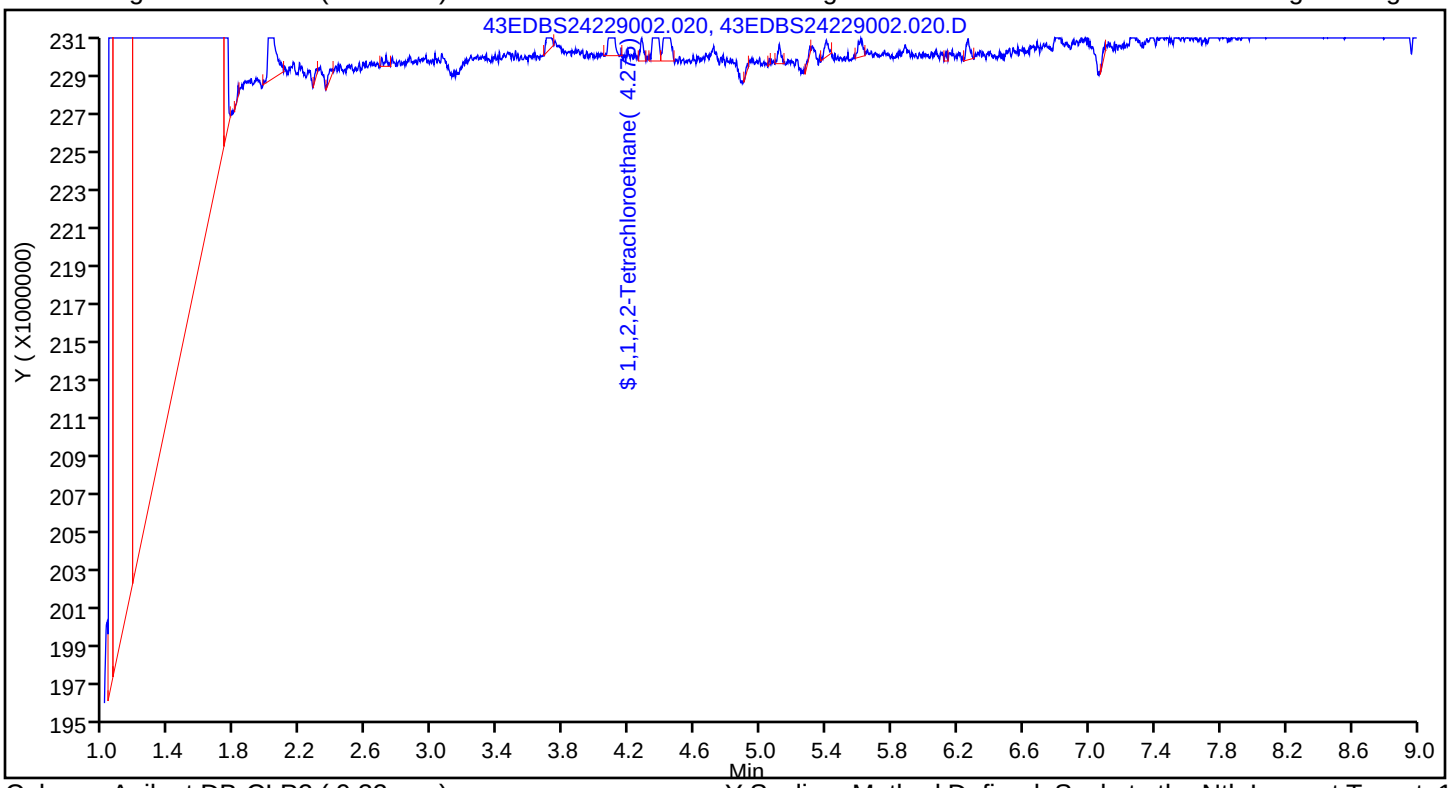
Client ID: 20240815_UCS_INT-2-6.5-7

Operator ID: ALS Bottle#: 0 Worklist Smp#: 20

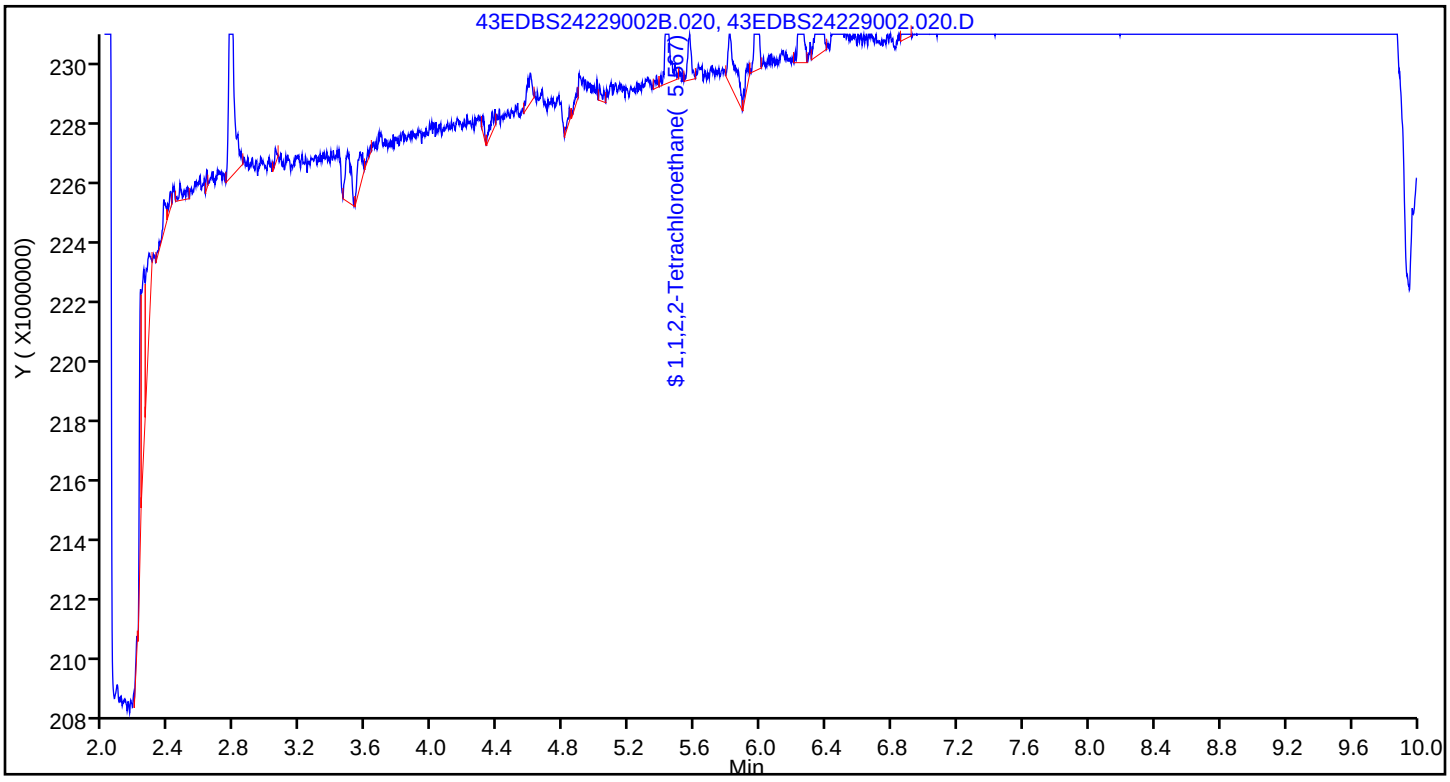
Injection Vol: 1.0 ul Dil. Factor: 10.0000

Method: 8011_19846S Limit Group: GCSV - 8011 Solid

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-309671-1

SDG No.:

Client Sample ID: 20240815_UCS_INT-3-7.5-8
Lab Sample ID: 460-309671-3

Matrix: Solid
Lab File ID: 43EDBS24229003.010.D

Analysis Method: 8011
Date Collected: 08/15/2024 10:05

Extraction Method: 8011
Date Extracted: 09/04/2024 08:45

Sample wt/vol: 10.3(g)
Date Analyzed: 09/06/2024 15:44

Con. Extract Vol.: 10(mL)
Dilution Factor: 1

Injection Volume: 1(uL)
GC Column: DB CLP1 ID: 0.32(mm)

% Moisture: 23.6 % Solids: 76.4
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 548652
Units: mg/Kg

Preparation Batch No.: 547493
Instrument ID: Agilent GC/ECD - CP43

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	0.00027	U H F2	0.00064	0.00027

CAS NO.	SURROGATE	%REC	Q	LIMITS
79-34-5	1,1,2,2-Tetrachloroethane (Surr)	79		60-140

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240906-124269.b\43EDBS24229003.010.D
Lims ID: 460-309671-F-3-C
Client ID: 20240815_UCS_INT-3-7.5-8
Sample Type: Client
Inject. Date: 06-Sep-2024 15:44:00 ALS Bottle#: 0 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-309671-F-3-C
Operator ID: Instrument ID: 19846

Method: \\chromfs\Lancaster\ChromData\19846\20240906-124269.b\8011_19846S.m
Limit Group: GCSV - 8011 Solid
Last Update: 09-Sep-2024 08:27:05 Calib Date: 16-Aug-2024 12:55:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240816-122419.b\43EDBS24229001.009.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1644

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
1 Ethylene Dibromide						
1	2.840	2.820	0.020	883858H	0.0569	
2	3.887	3.895	-0.008	605278H	-0.0137	
					RPD = 327.09	
$ 2 1,1,2,2-Tetrachloroethane						
1	4.275	4.275	0.000	7985907H	0.9769	
2	5.565	5.563	0.002	12006361H	0.9421	
					RPD = 3.63	
3 1,2-Dibromo-3-Chloropropane						
1		7.123			ND	
2		8.407				

Report Date: 09-Sep-2024 08:27:13 Chrom Revision: 2.3 26-Aug-2024 17:14:48

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240906-124269.b\43EDBS24229003.010.D

Injection Date: 06-Sep-2024 15:44:00 Instrument ID: 19846

Lims ID: 460-309671-F-3-C Lab Sample ID: 410-309671-3

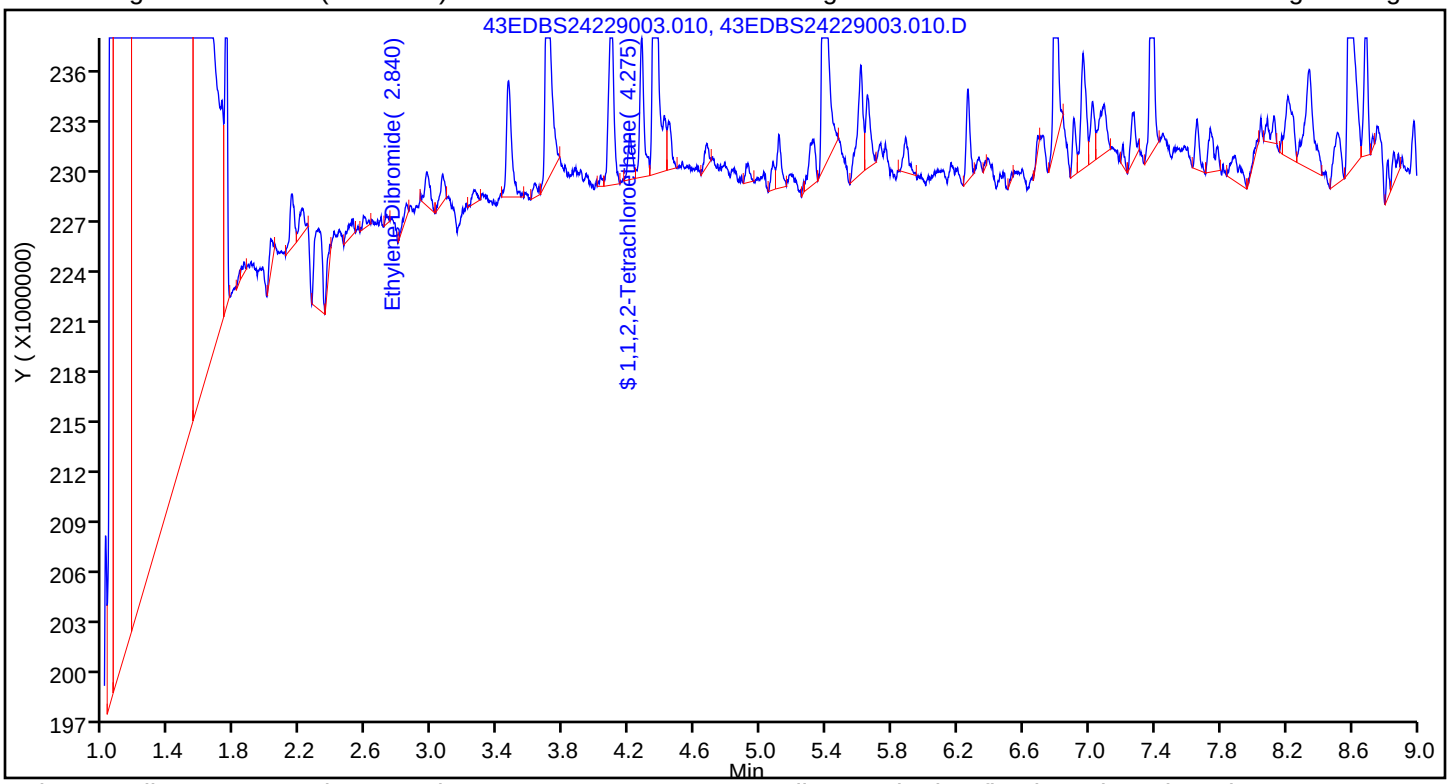
Client ID: 20240815_UCS_INT-3-7.5-8

Operator ID: ALS Bottle#: 0 Worklist Smp#: 10

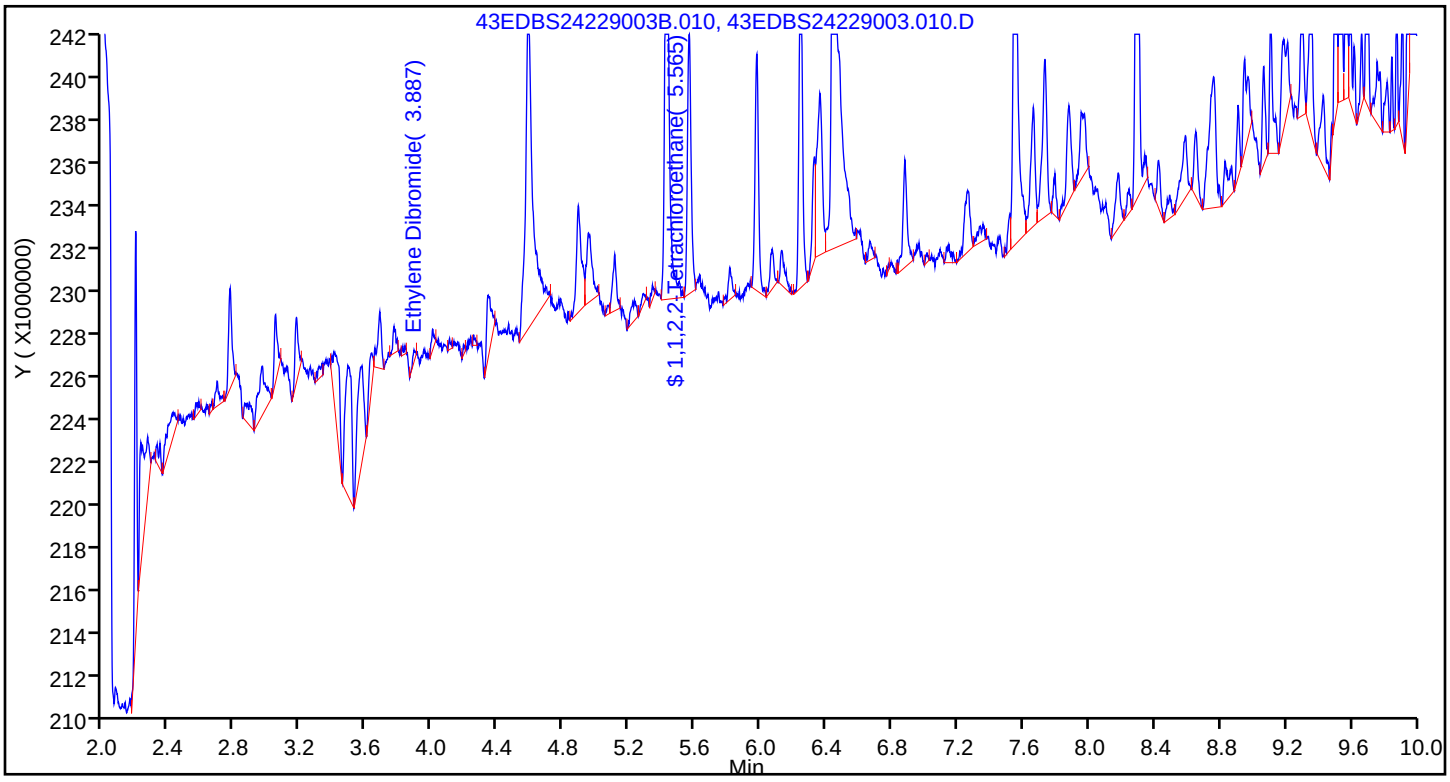
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846S Limit Group: GCSV - 8011 Solid

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-309671-1

SDG No.:

Client Sample ID: 20240815_UCS_INT-3-7.5-8 Lab Sample ID: 460-309671-3

Matrix: Solid Lab File ID: 43EDBS24229003.010.D

Analysis Method: 8011 Date Collected: 08/15/2024 10:05

Extraction Method: 8011 Date Extracted: 09/04/2024 08:45

Sample wt/vol: 10.3(g) Date Analyzed: 09/06/2024 15:44

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: DB CLP2 ID: 0.32(mm)

% Moisture: 23.6 % Solids: 76.4 GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 548652 Units: mg/Kg

Preparation Batch No.: 547493 Instrument ID: Agilent GC/ECD - CP43

CAS NO.	SURROGATE	%REC	Q	LIMITS
79-34-5	1,1,2,2-Tetrachloroethane (Surr)	76		60-140

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240906-124269.b\43EDBS24229003.010.D
Lims ID: 460-309671-F-3-C
Client ID: 20240815_UCS_INT-3-7.5-8
Sample Type: Client
Inject. Date: 06-Sep-2024 15:44:00 ALS Bottle#: 0 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-309671-F-3-C
Operator ID: Instrument ID: 19846

Method: \\chromfs\Lancaster\ChromData\19846\20240906-124269.b\8011_19846S.m
Limit Group: GCSV - 8011 Solid
Last Update: 09-Sep-2024 08:27:05 Calib Date: 16-Aug-2024 12:55:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240816-122419.b\43EDBS24229001.009.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1644

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
1 Ethylene Dibromide						
1	2.840	2.820	0.020	883858H	0.0569	
2	3.887	3.895	-0.008	605278H	-0.0137	
					RPD = 327.09	
$ 2 1,1,2,2-Tetrachloroethane						
1	4.275	4.275	0.000	7985907H	0.9769	
2	5.565	5.563	0.002	12006361H	0.9421	
					RPD = 3.63	
3 1,2-Dibromo-3-Chloropropane						
1		7.123			ND	
2		8.407				

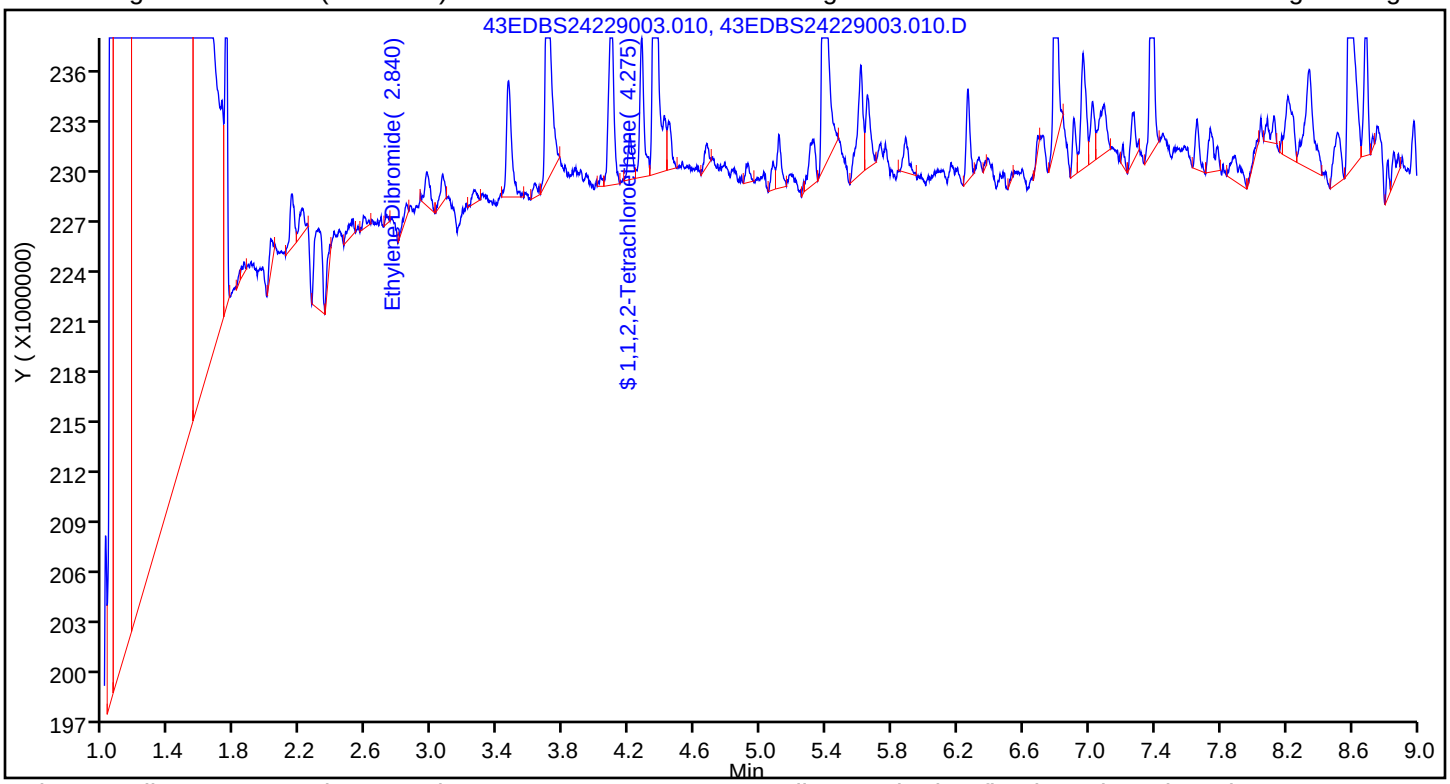
Report Date: 09-Sep-2024 08:27:13 Chrom Revision: 2.3 26-Aug-2024 17:14:48

Eurofins Lancaster Laboratories Environment Testing, LLC

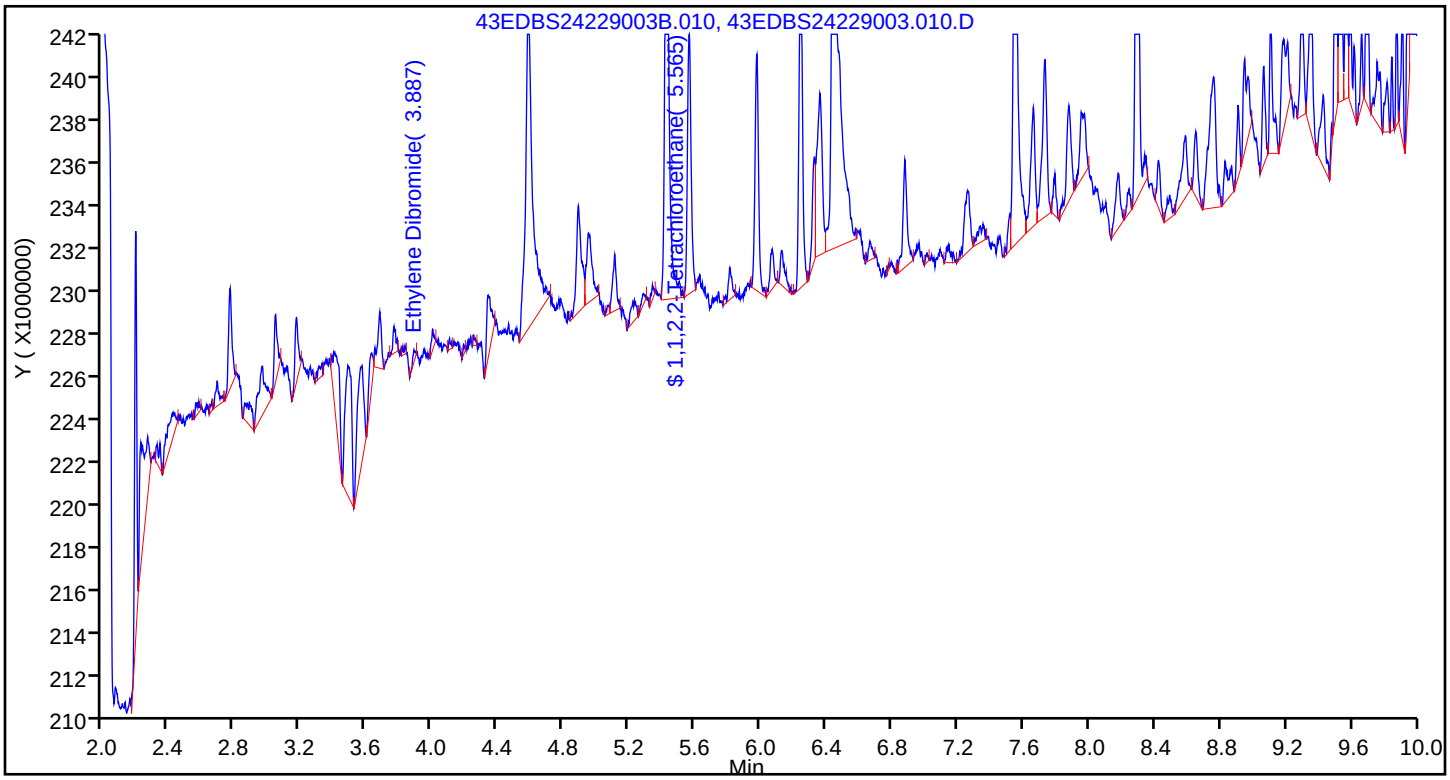
Data File: \\chromfs\Lancaster\ChromData\19846\20240906-124269.b\43EDBS24229003.010.D

Injection Date:	06-Sep-2024 15:44:00	Instrument ID:	19846
Lims ID:	460-309671-F-3-C	Lab Sample ID:	410-309671-3
Client ID:	20240815_UCS_INT-3-7.5-8		
Operator ID:		ALS Bottle#:	0 Worklist Smp#: 10
Injection Vol:	1.0 ul	Dil. Factor:	1.0000
Method:	8011_19846S	Limit Group:	GCSV - 8011 Solid

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-309671-1

SDG No.:

Client Sample ID: FB-1-081524
Lab Sample ID: 460-309671-4

Matrix: Water
Lab File ID: 16EDBW24206016.018.D

Analysis Method: 8011
Date Collected: 08/15/2024 09:10

Extraction Method: 8011
Date Extracted: 08/22/2024 23:46

Sample wt/vol: 36.3(mL)
Date Analyzed: 08/23/2024 12:47

Con. Extract Vol.: 2(mL)
Dilution Factor: 1

Injection Volume: 1(uL)
GC Column: DB CLP1 ID: 0.32(mm)

% Moisture: % Solids:
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 543779
Units: ug/L

Preparation Batch No.: 543677
Instrument ID: Agilent GC/ECD - CP16

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	0.0096	U	0.029	0.0096

CAS NO.	SURROGATE	%REC	Q	LIMITS
79-34-5	1,1,2,2-Tetrachloroethane (Surr)	82		46-136

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19853\20240823-123056.b\16EDBW24206016.018.D
Lims ID: 460-309671-D-4-A
Client ID: FB-1-081524
Sample Type: Client
Inject. Date: 23-Aug-2024 12:47:00 ALS Bottle#: 0 Worklist Smp#: 18
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-309671-D-4-A
Misc. Info.: 410-0121628-018
Operator ID: 120 Instrument ID: 19853

Method: \\chromfs\Lancaster\ChromData\19853\20240823-123056.b\8011_19853.m
Limit Group: GCSV - 8011 Waters
Last Update: 23-Aug-2024 13:43:03 Calib Date: 24-Jul-2024 14:54:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19853\20240724-120238.b\16EDBW24206001.008.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1628

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
1 Ethylene Dibromide						
1		4.112			ND	
2		4.883				
$ 2 1,1,2,2-Tetrachloroethane						
1	5.615	5.618	-0.003	31656533	H 1.01	
2	6.567	6.568	-0.001	27082430	H 1.07	
					RPD = 6.36	

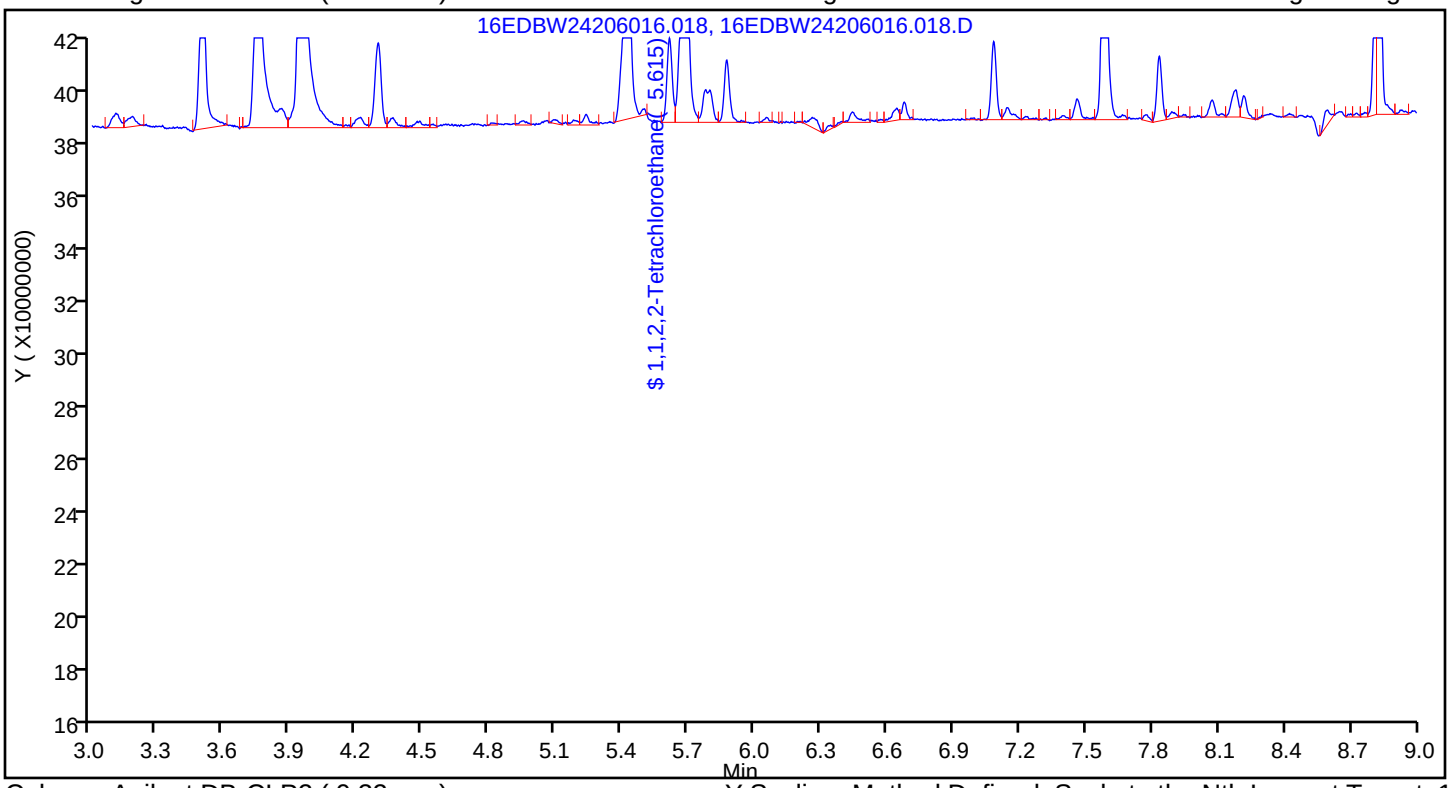
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Eurofins Lancaster Laboratories Environment Testing, LLC

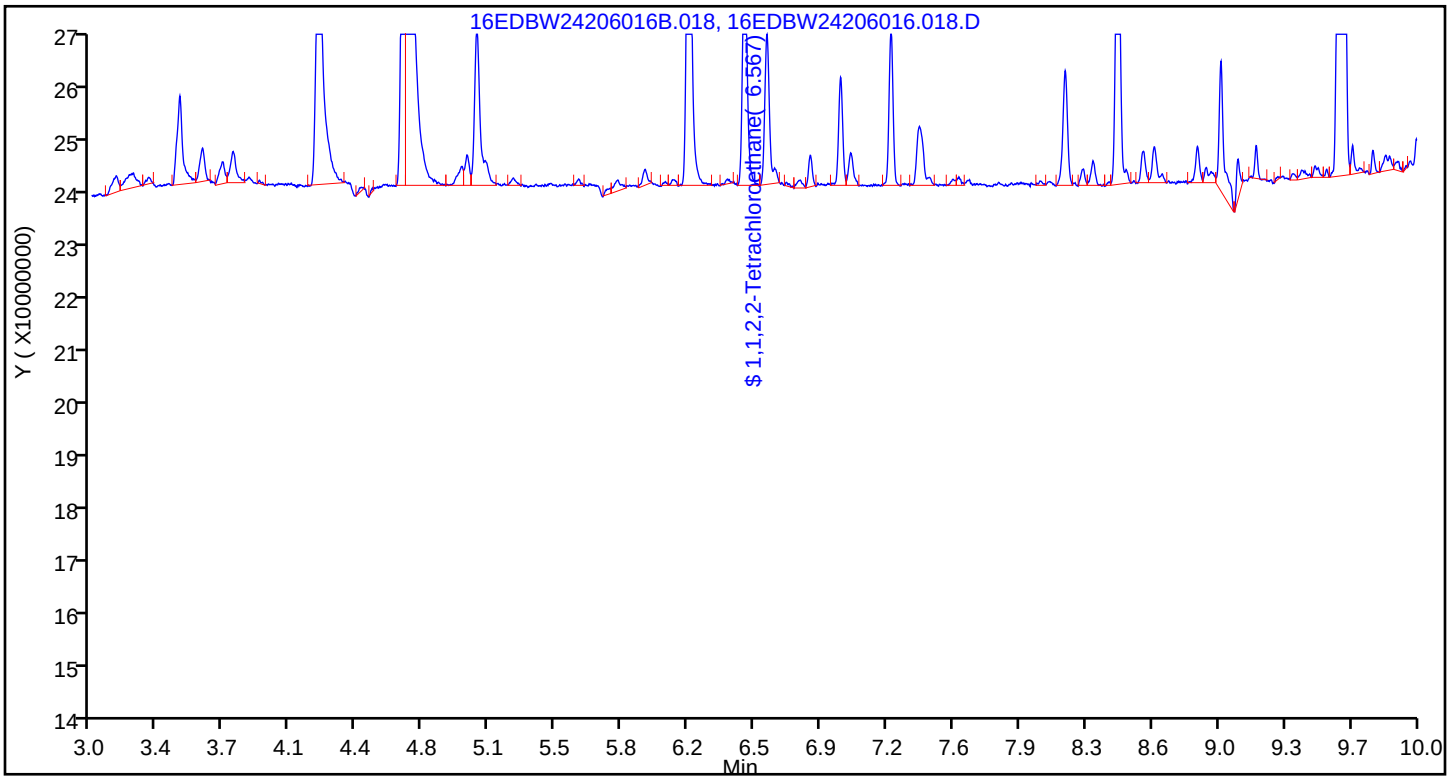
Data File: \\chromfs\Lancaster\ChromData\19853\20240823-123056.b\16EDBW24206016.018.D

Injection Date:	23-Aug-2024 12:47:00	Instrument ID:	19853		
Lims ID:	460-309671-D-4-A	Lab Sample ID:	410-309671-4		
Client ID:	FB-1-081524				
Operator ID:	120	ALS Bottle#:	0	Worklist Smp#:	18
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8011_19853	Limit Group:	GCSV - 8011 Waters		

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



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FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-309671-1

SDG No.:

Client Sample ID: FB-1-081524
Lab Sample ID: 460-309671-4

Matrix: Water
Lab File ID: 16EDBW24206016.018.D

Analysis Method: 8011
Date Collected: 08/15/2024 09:10

Extraction Method: 8011
Date Extracted: 08/22/2024 23:46

Sample wt/vol: 36.3(mL)
Date Analyzed: 08/23/2024 12:47

Con. Extract Vol.: 2(mL)
Dilution Factor: 1

Injection Volume: 1(uL)
GC Column: DB CLP2 ID: 0.32(mm)

% Moisture: % Solids:
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 543779
Units: ug/L

Preparation Batch No.: 543677
Instrument ID: Agilent GC/ECD - CP16

CAS NO.	SURROGATE	%REC	Q	LIMITS
79-34-5	1,1,2,2-Tetrachloroethane (Surr)	87		46-136

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File:	\\chromfs\Lancaster\ChromData\19853\20240823-123056.b\16EDBW24206016.018.D				
Lims ID:	460-309671-D-4-A				
Client ID:	FB-1-081524				
Sample Type:	Client				
Inject. Date:	23-Aug-2024 12:47:00	ALS Bottle#:	0	Worklist Smp#:	18
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-309671-D-4-A				
Misc. Info.:	410-0121628-018				
Operator ID:	120	Instrument ID:	19853		
Method:	\\chromfs\Lancaster\ChromData\19853\20240823-123056.b\8011_19853.m				
Limit Group:	GCSV - 8011 Waters				
Last Update:	23-Aug-2024 13:43:03	Calib Date:	24-Jul-2024 14:54:00		
Integrator:	Falcon				
Quant Method:	External Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\19853\20240724-120238.b\16EDBW24206001.008.D				
Column 1 :	Agilent DB-CLP1 (0.32 mm)		Det: 1ECDA		
Column 2 :	Agilent DB-CLP2 (0.32 mm)		Det: 2ECDB		
Process Host:	CTX1628				

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
1 Ethylene Dibromide						
1		4.112			ND	
2		4.883				
$ 2 1,1,2,2-Tetrachloroethane						
1	5.615	5.618	-0.003	31656533	H 1.01	
2	6.567	6.568	-0.001	27082430	H 1.07	
					RPD = 6.36	

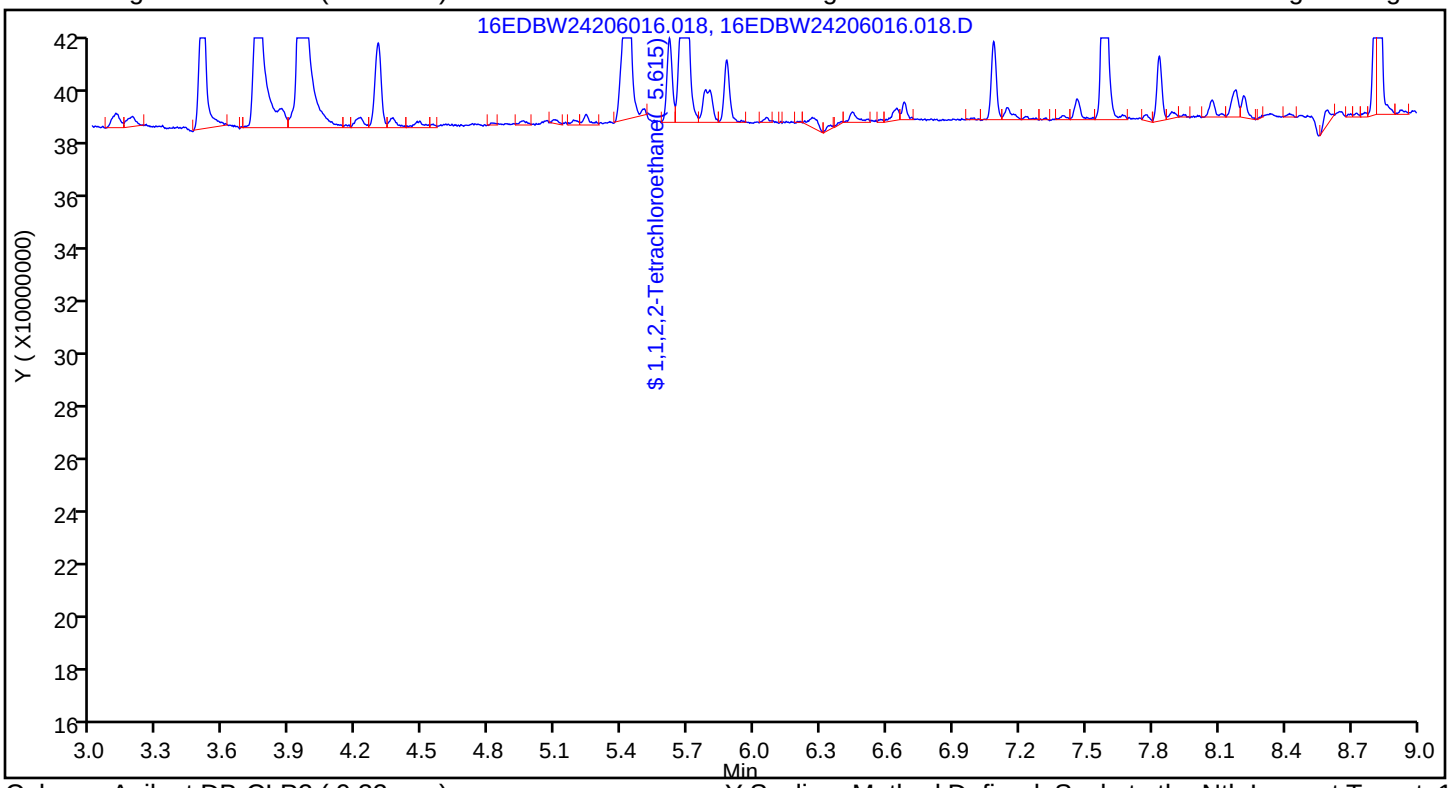
Report Date: 23-Aug-2024 13:43:20 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Lancaster Laboratories Environment Testing, LLC

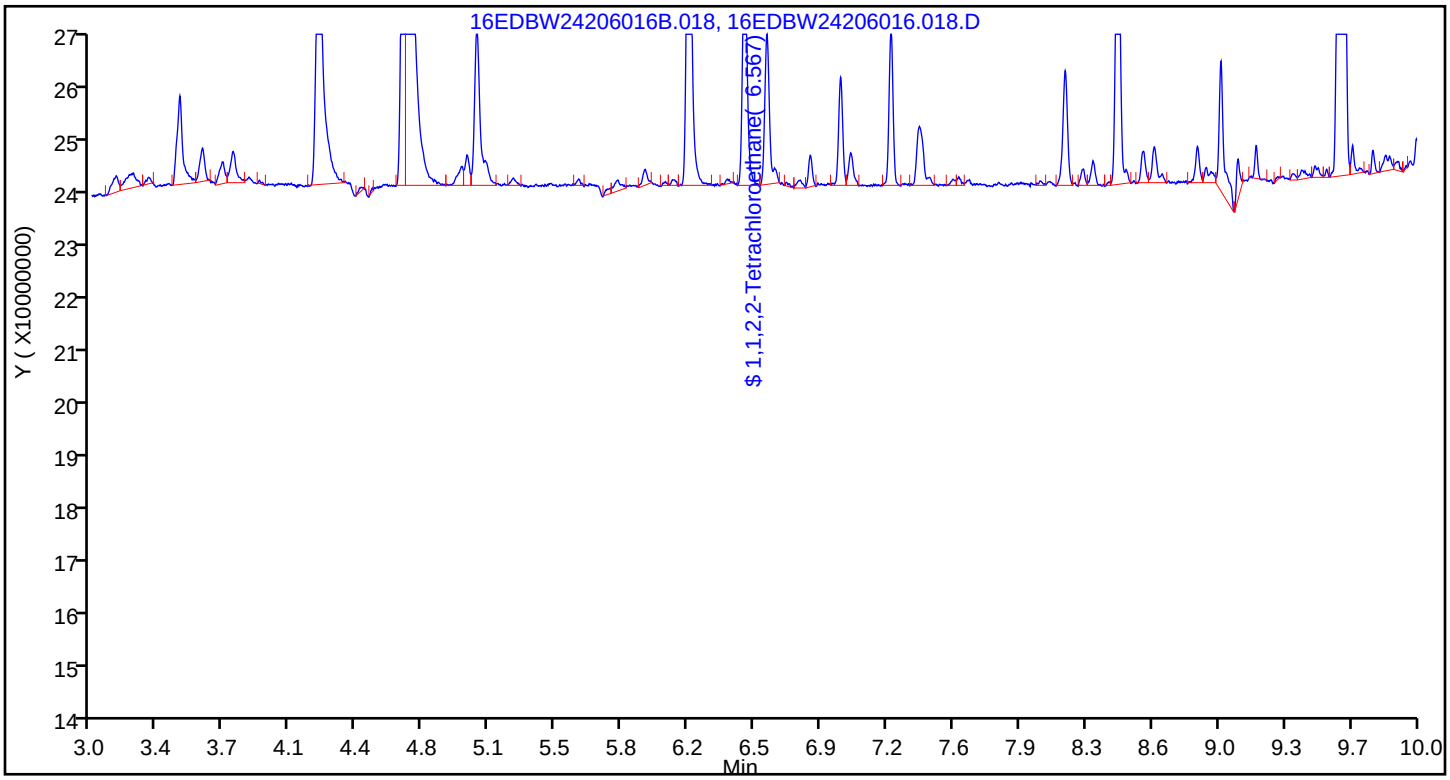
Data File: \\chromfs\Lancaster\ChromData\19853\20240823-123056.b\16EDBW24206016.018.D

Injection Date:	23-Aug-2024 12:47:00	Instrument ID:	19853		
Lims ID:	460-309671-D-4-A	Lab Sample ID:	410-309671-4		
Client ID:	FB-1-081524				
Operator ID:	120	ALS Bottle#:	0	Worklist Smp#:	18
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8011_19853	Limit Group:	GCSV - 8011 Waters		

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



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FORM VI
GC SEMI VOA BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
RETENTION TIME SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-309671-1 Analy Batch No.: 541275

SDG No.:

Instrument ID: 19846 GC Column: DB CLP1 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/16/2024 11:29 Calibration End Date: 08/16/2024 12:55 Calibration ID: 64945

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-541275/4	43EDBS24229001.004.D
Level 2	IC 410-541275/5	43EDBS24229001.005.D
Level 3	IC 410-541275/6	43EDBS24229001.006.D
Level 4	ICRT 410-541275/7	43EDBS24229001.007.D
Level 5	IC 410-541275/8	43EDBS24229001.008.D
Level 6	IC 410-541275/9	43EDBS24229001.009.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
Ethylene Dibromide	2.823	2.822	2.820	2.820	2.820	2.818					2.790 - 2.850	2.821
1,2-Dibromo-3-Chloropropane	7.125	7.125	7.123	7.123	7.125	7.125					7.093 - 7.153	7.124
1,1,2,2-Tetrachloroethane (Surr)	4.277	4.273	4.275	4.275	4.275	4.275					4.245 - 4.305	4.275

FORM VI
GC SEMI VOA BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-309671-1 Analy Batch No.: 541275

SDG No.:

Instrument ID: 19846 GC Column: DB CLP1 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/16/2024 11:29 Calibration End Date: 08/16/2024 12:55 Calibration ID: 64945

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-541275/4	43EDBS24229001.004.D
Level 2	IC 410-541275/5	43EDBS24229001.005.D
Level 3	IC 410-541275/6	43EDBS24229001.006.D
Level 4	ICRT 410-541275/7	43EDBS24229001.007.D
Level 5	IC 410-541275/8	43EDBS24229001.008.D
Level 6	IC 410-541275/9	43EDBS24229001.009.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
Ethylene Dibromide	11698291 7839880	10532727 7087503	9859758	8893135	Qua	284223.513	10578840.7	-674046.38						0.9990		0.9900
1,2-Dibromo-3-Chloropropane	24683414 15660246	21862026 15135942	18721162	16753068	Lin	4719099.51	14436398.5							0.9990		0.9900
1,1,2,2-Tetrachloroethane (Surr)	11260742 7829167	9899083 7220714	9211177	8327955	Lin	1072363.57	7076958.41							0.9950		0.9900

Note: The M1 coefficient is the same as Ave CF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC SEMI VOA BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-309671-1 Analy Batch No.: 541275

SDG No.:

Instrument ID: 19846 GC Column: DB CLP1 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/16/2024 11:29 Calibration End Date: 08/16/2024 12:55 Calibration ID: 64945

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-541275/4	43EDBS24229001.004.D
Level 2	IC 410-541275/5	43EDBS24229001.005.D
Level 3	IC 410-541275/6	43EDBS24229001.006.D
Level 4	ICRT 410-541275/7	43EDBS24229001.007.D
Level 5	IC 410-541275/8	43EDBS24229001.008.D
Level 6	IC 410-541275/9	43EDBS24229001.009.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Ethylene Dibromide	Qua	4106685 36432425	6602703	12361672	22299537	34402372	0.351 5.14	0.627	1.25	2.51	4.39
1,2-Dibromo-3-Chloropropane	Lin	8639195 77571704	13663766	23401452	41882671	68513578	0.350 5.13	0.625	1.25	2.50	4.38
1,1,2,2-Tetrachloroethane (Surr)	Lin	1943041 18244037	3050155	5676388	10264204	16886535	0.173 2.53	0.308	0.616	1.23	2.16

Curve Type Legend:

Lin = Linear by Height
Qua = Quadratic by Height

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240816-122419.b\43EDBS24229001.004.D
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 16-Aug-2024 11:29:00 ALS Bottle#: 0 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: ic
Misc. Info.: 410-0120243-004
Operator ID: Instrument ID: 19846
Sublist: chrom-8011_19846S*sub1

Method: \\chromfs\Lancaster\ChromData\19846\20240816-122419.b\8011_19846S.m
Limit Group: GCSV - 8011 Solid
Last Update: 19-Aug-2024 06:52:56 Calib Date: 16-Aug-2024 12:55:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240816-122419.b\43EDBS24229001.009.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1683

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	2.823	2.820	0.003	4106685H	0.3511	0.3701	
2	3.898	3.895	0.003	6178762H	0.3511	0.3234	
						RPD = 13.44	
$ 2 1,1,2,2-Tetrachloroethane							
1	4.277	4.275	0.002	1943041H	0.1726	0.1230	
2	5.565	5.563	0.002	2576941H	0.1726	0.1062	
						RPD = 14.65	
3 1,2-Dibromo-3-Chloropropane							
1	7.125	7.123	0.002	8639195H	0.3500	0.2715	
2	8.407	8.407	0.000	10710667H	0.3500	0.2153	
						RPD = 23.11	

Reagents:

GCS_EDBS1_00033 Amount Added: 1.00 Units: mL

Report Date: 19-Aug-2024 06:52:56 Chrom Revision: 2.3 07-Aug-2024 17:44:18

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240816-122419.b\43EDBS24229001.004.D

Injection Date: 16-Aug-2024 11:29:00 Instrument ID: 19846

Lims ID: ic

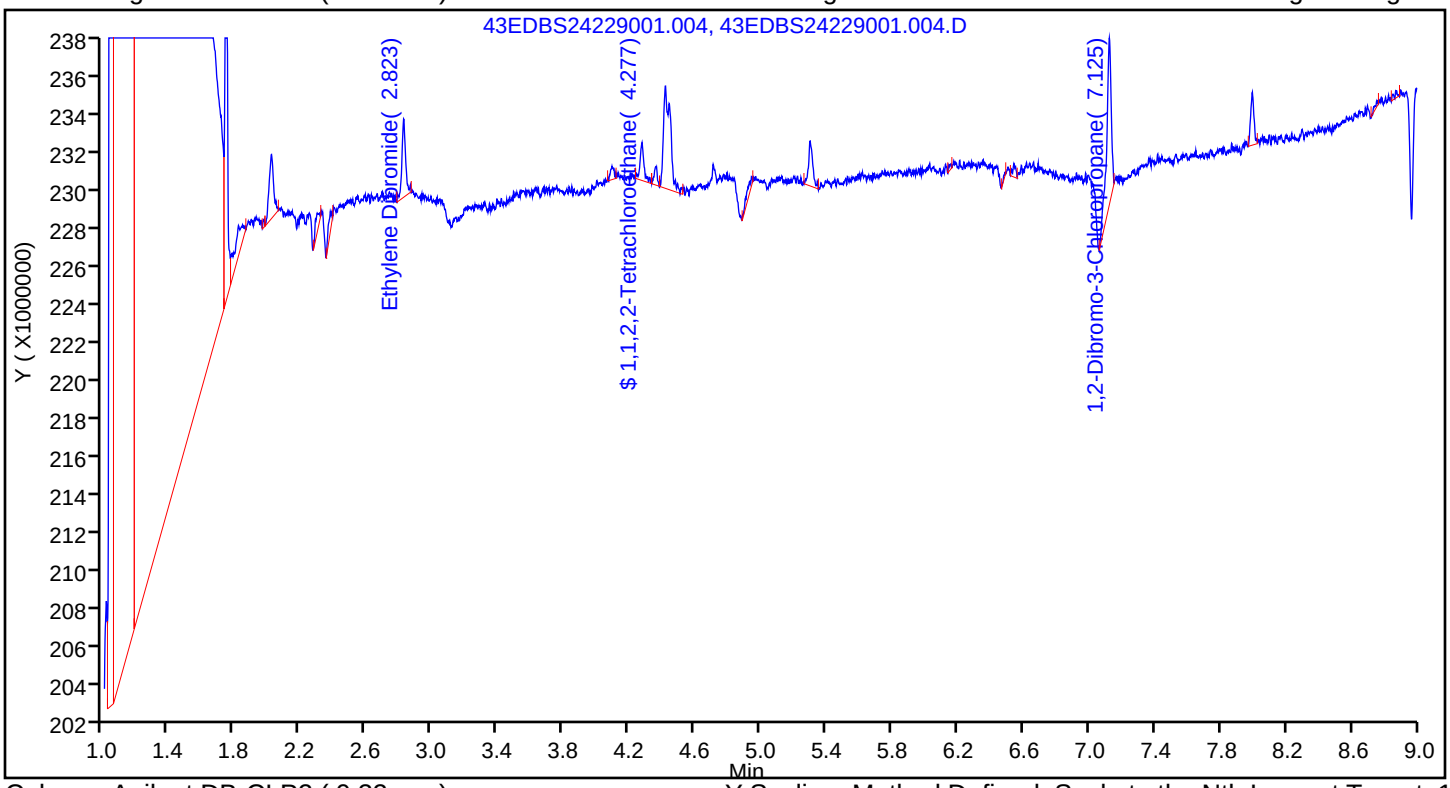
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 4

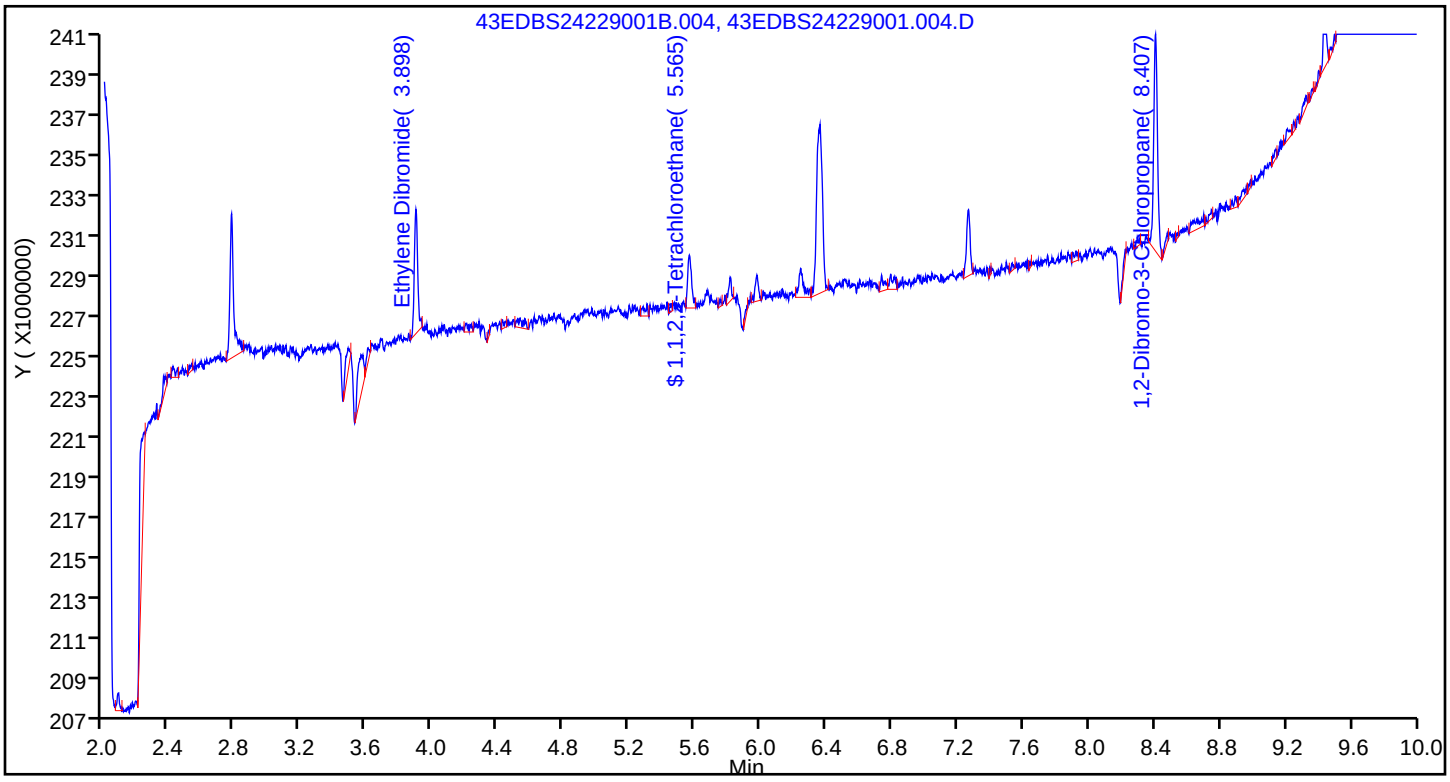
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846S Limit Group: GCSV - 8011 Solid

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



9/9/2024
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Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240816-122419.b\43EDBS24229001.005.D
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 16-Aug-2024 11:46:00 ALS Bottle#: 0 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: ic
Misc. Info.: 410-0120243-005
Operator ID: Instrument ID: 19846
Sublist: chrom-8011_19846S*sub1

Method: \\chromfs\Lancaster\ChromData\19846\20240816-122419.b\8011_19846S.m
Limit Group: GCSV - 8011 Solid
Last Update: 19-Aug-2024 06:52:57 Calib Date: 16-Aug-2024 12:55:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240816-122419.b\43EDBS24229001.009.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1683

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	2.822	2.820	0.002	6602703H	0.6269	0.6219	
2	3.897	3.895	0.002	11498118H	0.6269	0.6601	
						RPD = 5.96	
$ 2 1,1,2,2-Tetrachloroethane							
1	4.273	4.275	-0.002	3050155H	0.3081	0.2795	
2	5.565	5.563	0.002	4855533H	0.3081	0.3082	
						RPD = 9.79	
3 1,2-Dibromo-3-Chloropropane							
1	7.125	7.123	0.002	13663766H	0.6250	0.6196	
2	8.407	8.407	0.000	18617188H	0.6250	0.6092	
						RPD = 1.70	

Reagents:

GCS_EDBS2_00032 Amount Added: 1.00 Units: mL

Report Date: 19-Aug-2024 06:52:57 Chrom Revision: 2.3 07-Aug-2024 17:44:18

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240816-122419.b\43EDBS24229001.005.D

Injection Date: 16-Aug-2024 11:46:00 Instrument ID: 19846

Lims ID: ic

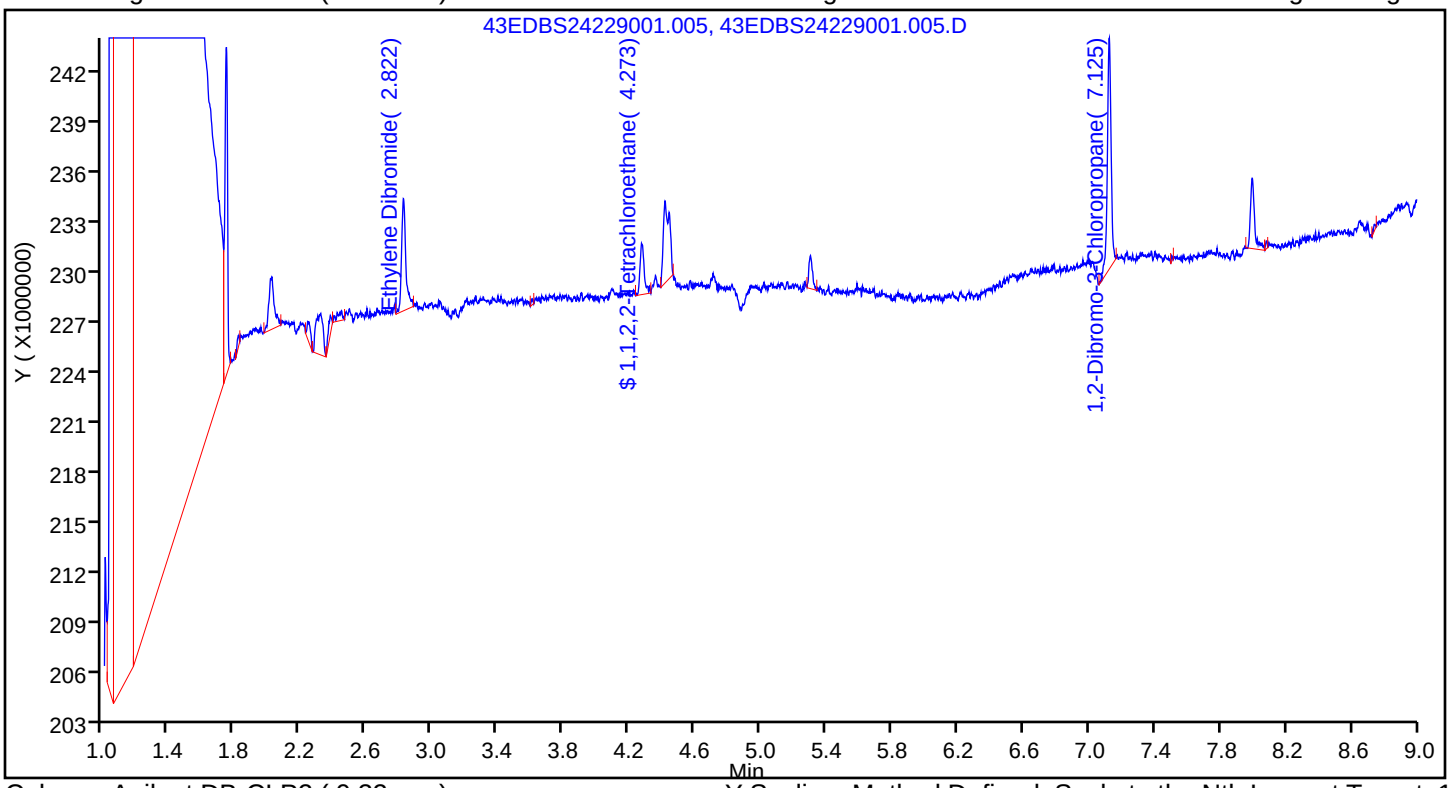
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 5

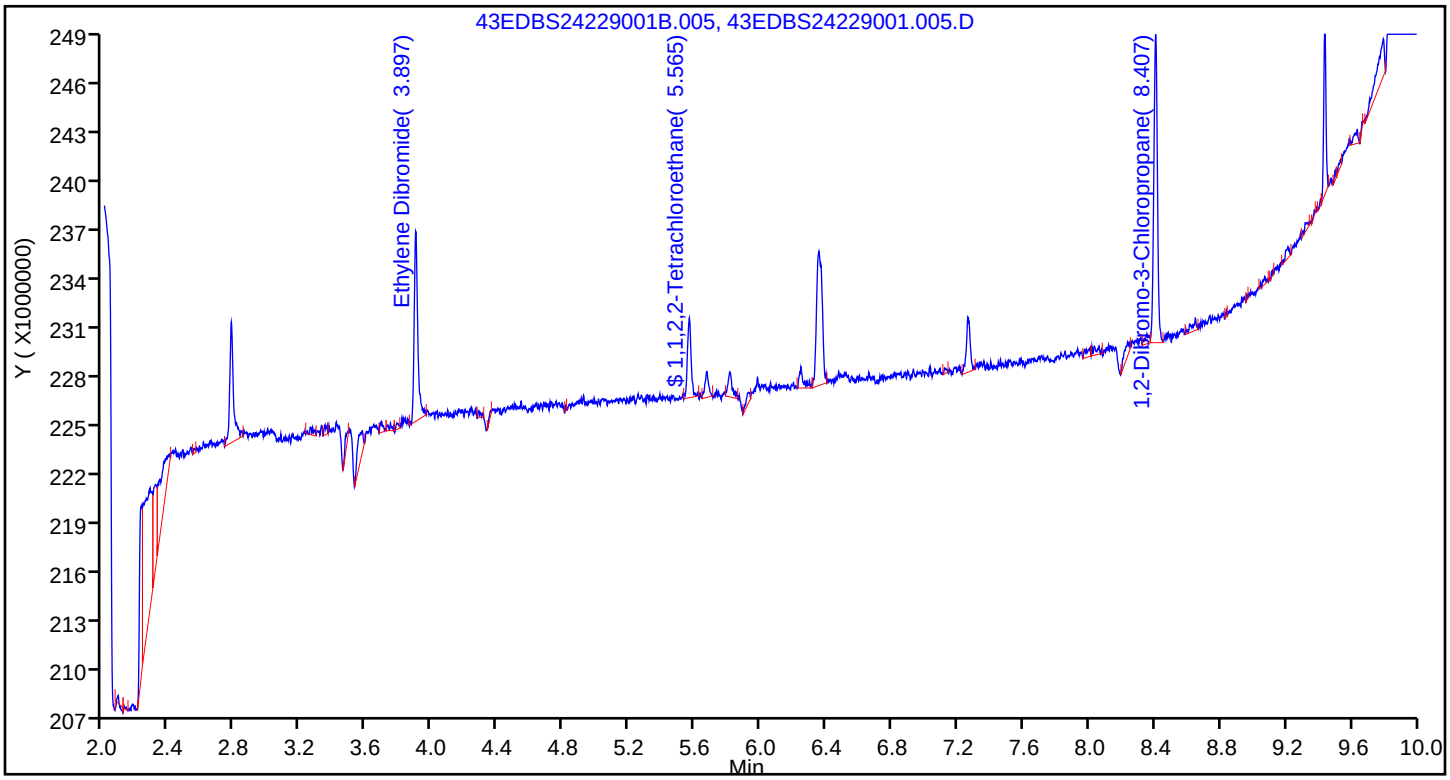
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846S Limit Group: GCSV - 8011 Solid

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



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Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240816-122419.b\43EDBS24229001.006.D
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 16-Aug-2024 12:04:00 ALS Bottle#: 0 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: ic
Misc. Info.: 410-0120243-006
Operator ID: Instrument ID: 19846
Sublist: chrom-8011_19846S*sub1

Method: \\chromfs\Lancaster\ChromData\19846\20240816-122419.b\8011_19846S.m
Limit Group: GCSV - 8011 Solid
Last Update: 19-Aug-2024 06:52:58 Calib Date: 16-Aug-2024 12:55:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240816-122419.b\43EDBS24229001.009.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1683

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	2.820	2.820	0.000	12361672H	1.25	1.24	
2	3.895	3.895	0.000	20539632H	1.25	1.27	
						RPD = 2.61	
$ 2 1,1,2,2-Tetrachloroethane							
1	4.275	4.275	0.000	5676388H	0.6163	0.6506	
2	5.563	5.563	0.000	8725144H	0.6163	0.6512	
						RPD = 0.10	
3 1,2-Dibromo-3-Chloropropane							
1	7.123	7.123	0.000	23401452H	1.25	1.29	
2	8.407	8.407	0.000	32052325H	1.25	1.28	
						RPD = 1.22	

Reagents:

GCS_EDBS3_00033 Amount Added: 1.00 Units: mL

Report Date: 19-Aug-2024 06:52:58 Chrom Revision: 2.3 07-Aug-2024 17:44:18

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240816-122419.b\43EDBS24229001.006.D

Injection Date: 16-Aug-2024 12:04:00 Instrument ID: 19846

Lims ID: ic

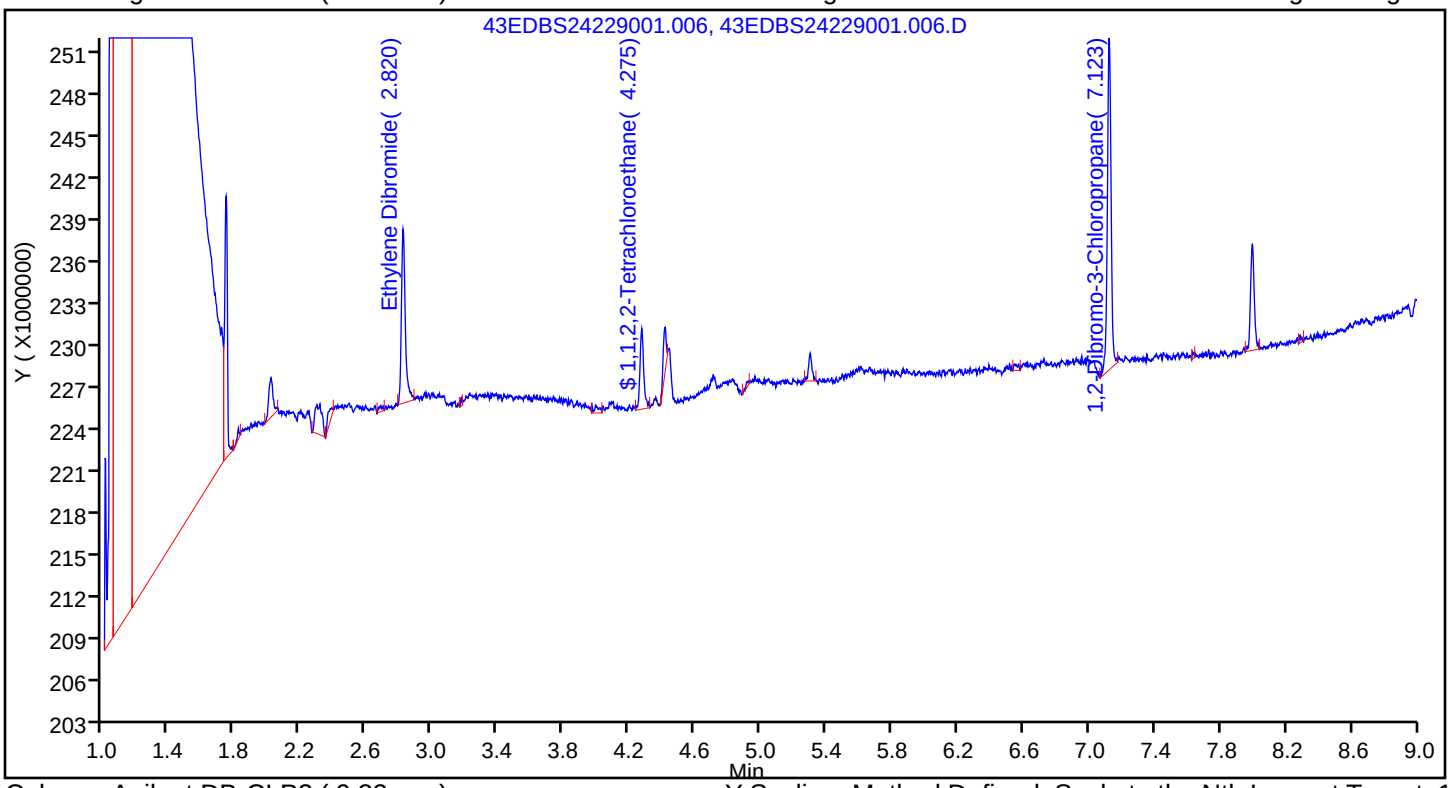
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 6

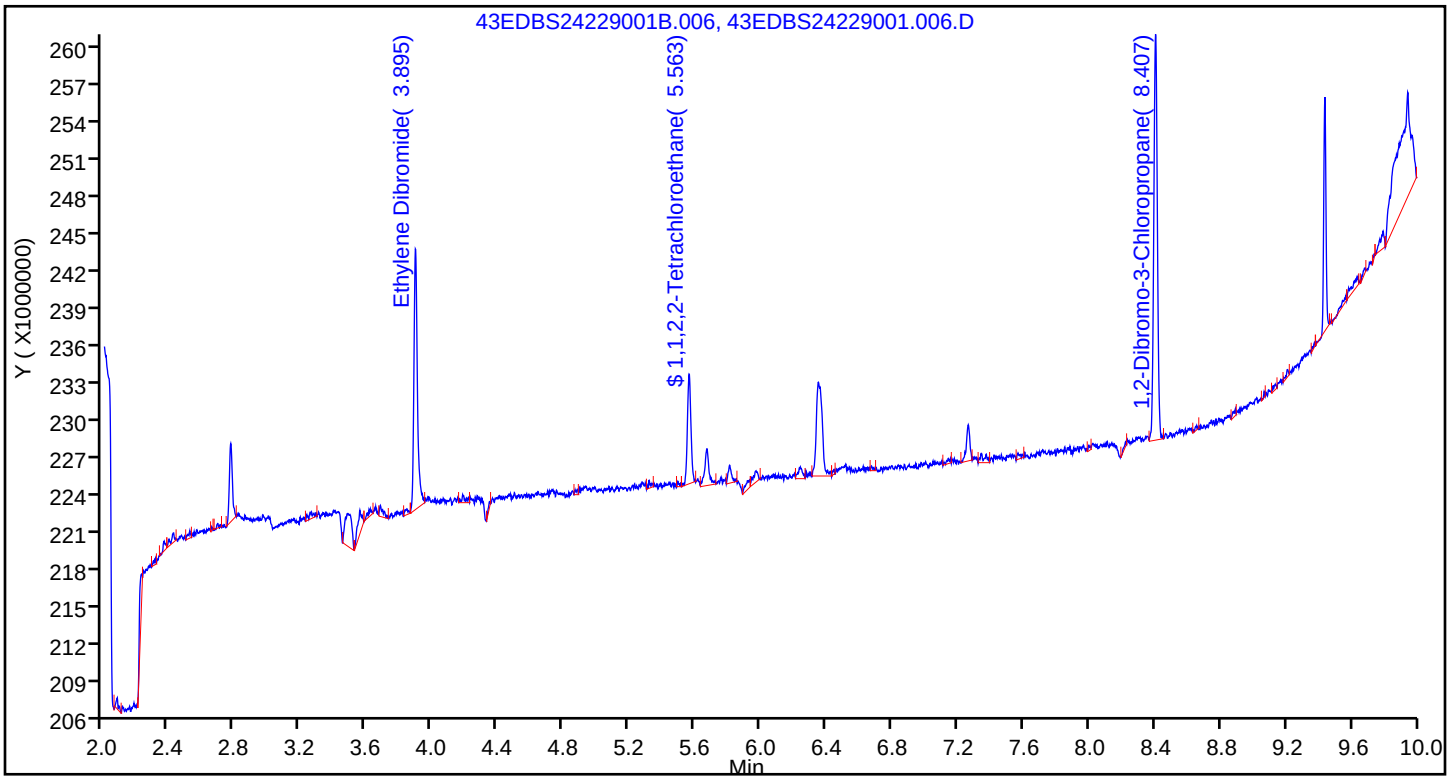
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846S Limit Group: GCSV - 8011 Solid

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240816-122419.b\43EDBS24229001.007.D
Lims ID: icrt
Client ID:
Sample Type: ICRT Calib Level: 4
Inject. Date: 16-Aug-2024 12:21:00 ALS Bottle#: 0 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: icrt
Misc. Info.: 410-0120243-007
Operator ID: Instrument ID: 19846
Sublist: chrom-8011_19846S*sub1

Method: \\chromfs\Lancaster\ChromData\19846\20240816-122419.b\8011_19846S.m
Limit Group: GCSV - 8011 Solid
Last Update: 19-Aug-2024 06:52:59 Calib Date: 16-Aug-2024 12:55:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240816-122419.b\43EDBS24229001.009.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1683

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	2.820	2.820	0.000	22299537H	2.51	2.47	
2	3.895	3.895	0.000	35635838H	2.51	2.45	
						RPD = 0.83	
$ 2 1,1,2,2-Tetrachloroethane							
1	4.275	4.275	0.000	10264204H	1.23	1.30	
2	5.563	5.563	0.000	15873458H	1.23	1.28	
						RPD = 1.08	
3 1,2-Dibromo-3-Chloropropane							
1	7.123	7.123	0.000	41882671H	2.50	2.57	
2	8.407	8.407	0.000	60883836H	2.50	2.71	
						RPD = 5.31	

Reagents:

GCS_EDBS4_00047 Amount Added: 1.00 Units: mL

Report Date: 19-Aug-2024 06:52:59 Chrom Revision: 2.3 07-Aug-2024 17:44:18

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240816-122419.b\43EDBS24229001.007.D

Injection Date: 16-Aug-2024 12:21:00 Instrument ID: 19846

Lims ID: icrt

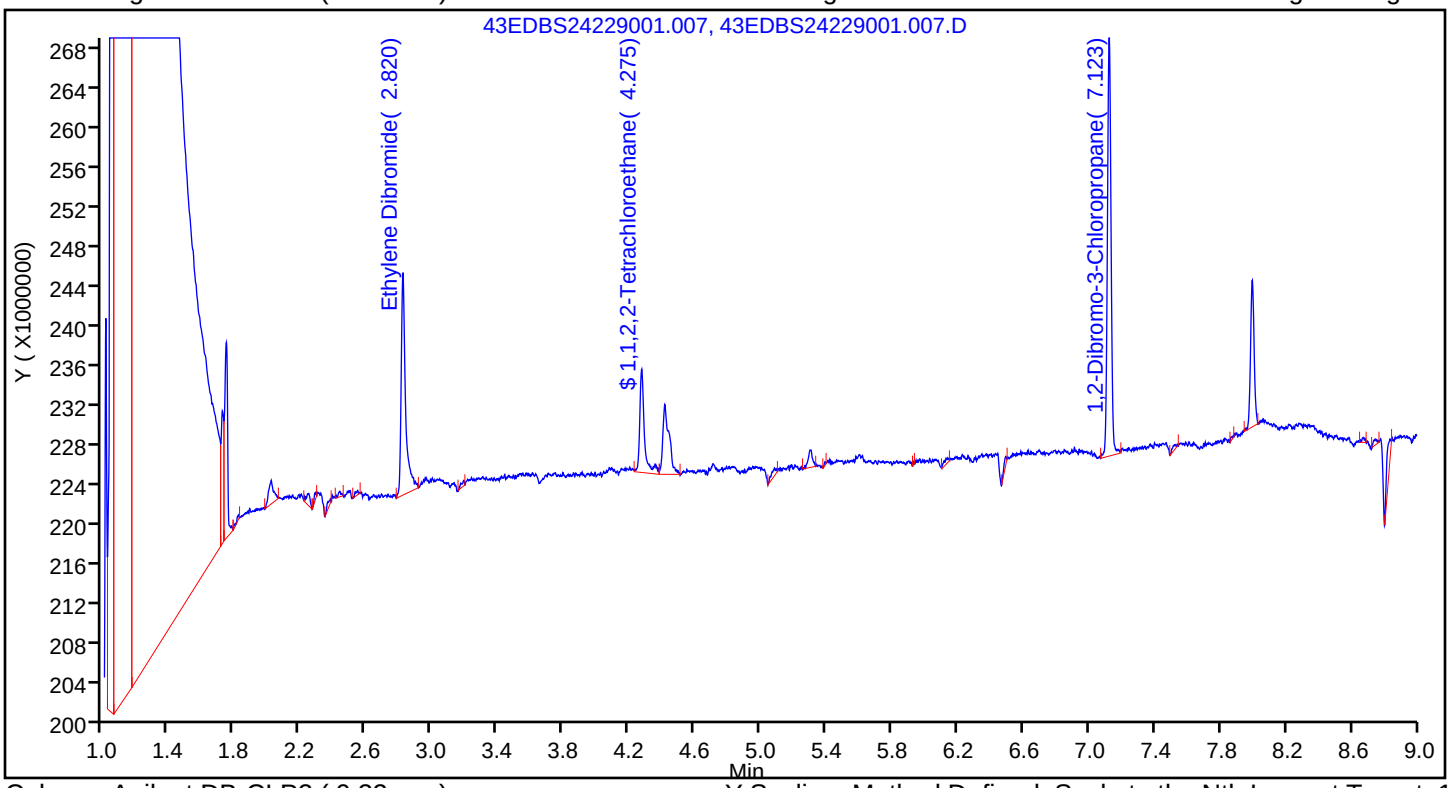
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 7

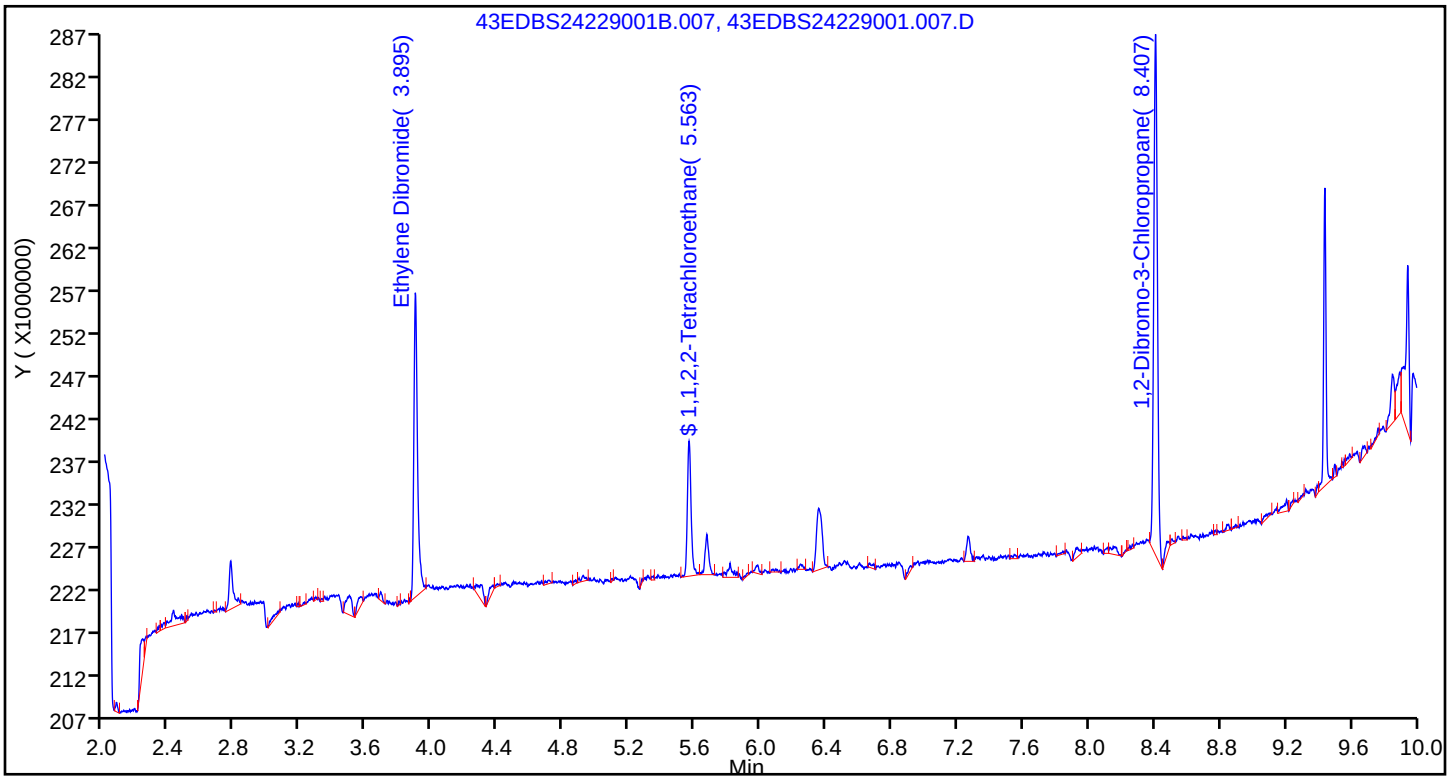
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846S Limit Group: GCSV - 8011 Solid

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240816-122419.b\43EDBS24229001.008.D
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 16-Aug-2024 12:38:00 ALS Bottle#: 0 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: ic
Misc. Info.: 410-0120243-008
Operator ID: Instrument ID: 19846
Sublist: chrom-8011_19846S*sub1

Method: \\chromfs\Lancaster\ChromData\19846\20240816-122419.b\8011_19846S.m
Limit Group: GCSV - 8011 Solid
Last Update: 19-Aug-2024 06:53:00 Calib Date: 16-Aug-2024 12:55:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240816-122419.b\43EDBS24229001.009.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1683

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	2.820	2.820	0.000	34402372H	4.39	4.54	
2	3.897	3.895	0.002	54681035H	4.39	4.49	
						RPD = 1.03	
$ 2 1,1,2,2-Tetrachloroethane							
1	4.275	4.275	0.000	16886535H	2.16	2.23	
2	5.565	5.563	0.002	26357002H	2.16	2.21	
						RPD = 0.92	
3 1,2-Dibromo-3-Chloropropane							
1	7.125	7.123	0.002	68513578H	4.38	4.42	
2	8.407	8.407	0.000	95293479H	4.38	4.43	
						RPD = 0.22	

Reagents:

GCS_EDBS5_00030 Amount Added: 1.00 Units: mL

Report Date: 19-Aug-2024 06:53:00 Chrom Revision: 2.3 07-Aug-2024 17:44:18

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240816-122419.b\43EDBS24229001.008.D

Injection Date: 16-Aug-2024 12:38:00 Instrument ID: 19846

Lims ID: ic

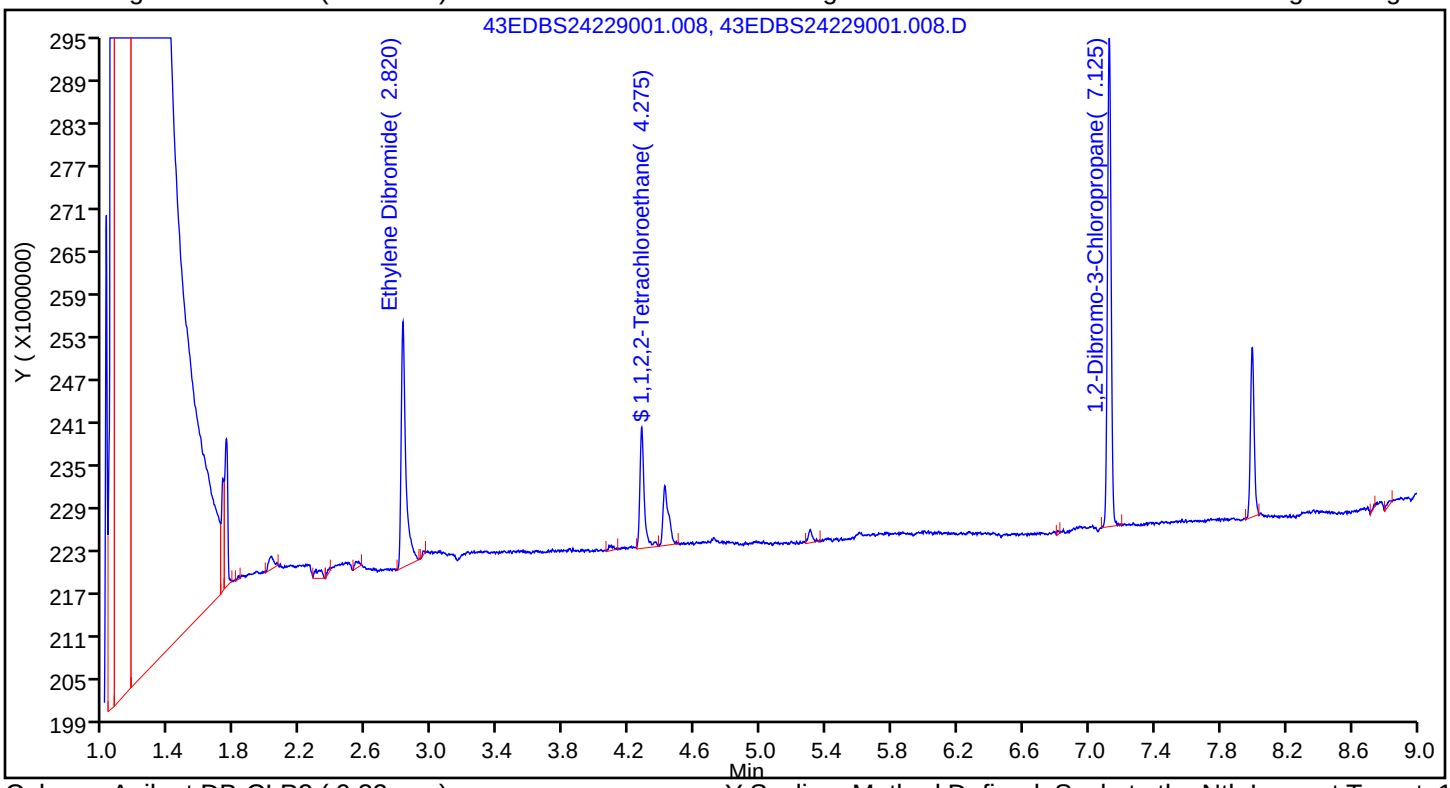
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 8

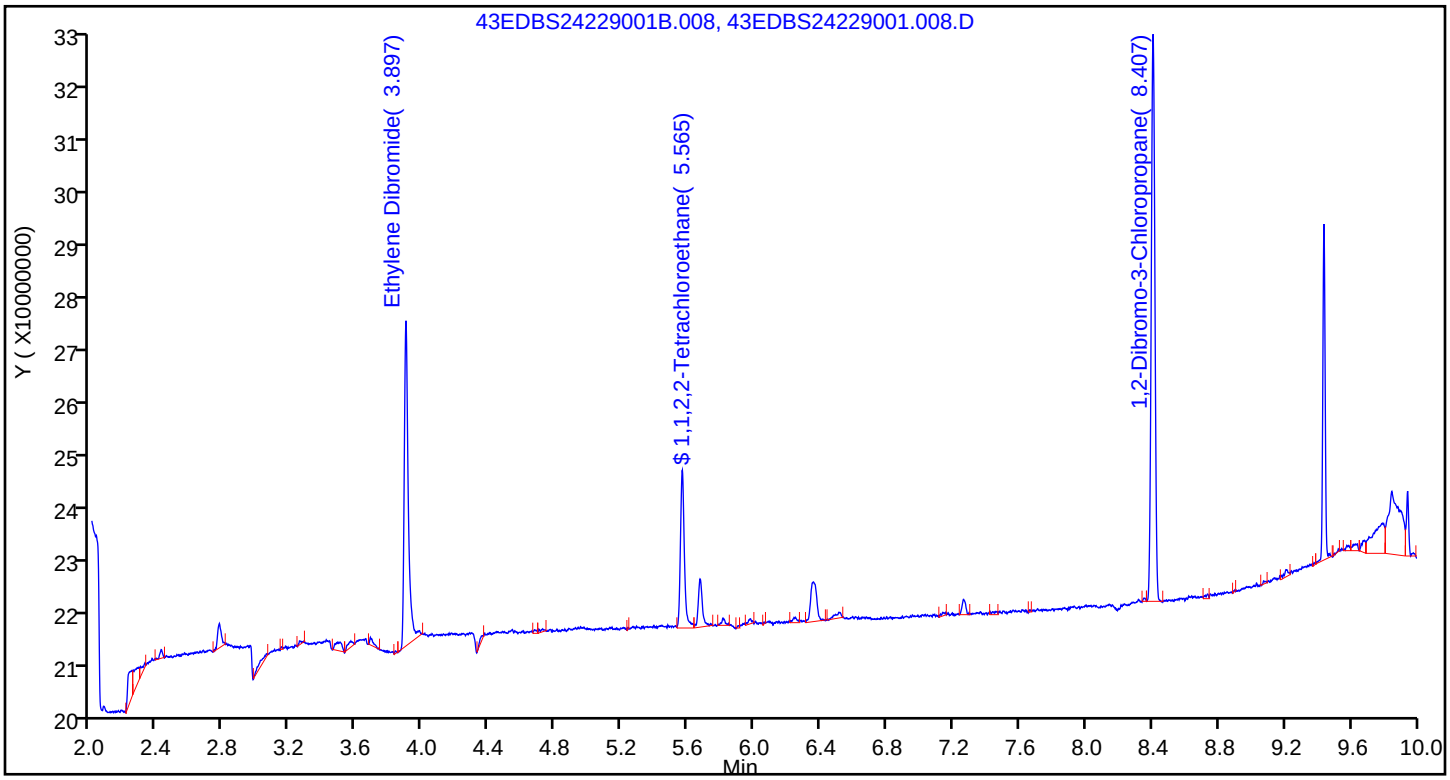
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846S Limit Group: GCSV - 8011 Solid

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



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Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240816-122419.b\43EDBS24229001.009.D
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 16-Aug-2024 12:55:00 ALS Bottle#: 0 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: ic
Misc. Info.: 410-0120243-009
Operator ID: Instrument ID: 19846
Sublist: chrom-8011_19846S*sub1

Method: \\chromfs\Lancaster\ChromData\19846\20240816-122419.b\8011_19846S.m
Limit Group: GCSV - 8011 Solid
Last Update: 19-Aug-2024 06:53:02 Calib Date: 16-Aug-2024 12:55:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240816-122419.b\43EDBS24229001.009.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1683

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	2.818	2.820	-0.002	36432425H	5.14	5.03	
2	3.897	3.895	0.002	58451656H	5.14	5.07	
						RPD = 0.87	
$ 2 1,1,2,2-Tetrachloroethane							
1	4.275	4.275	0.000	18244037H	2.53	2.43	
2	5.565	5.563	0.002	28995328H	2.53	2.45	
						RPD = 0.89	
3 1,2-Dibromo-3-Chloropropane							
1	7.125	7.123	0.002	77571704H	5.13	5.05	
2	8.407	8.407	0.000	106322111H	5.13	4.98	
						RPD = 1.36	

Reagents:

GCS_EDBS6_00030 Amount Added: 1.00 Units: mL

Report Date: 19-Aug-2024 06:53:02 Chrom Revision: 2.3 07-Aug-2024 17:44:18

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240816-122419.b\43EDBS24229001.009.D

Injection Date: 16-Aug-2024 12:55:00 Instrument ID: 19846

Lims ID: ic

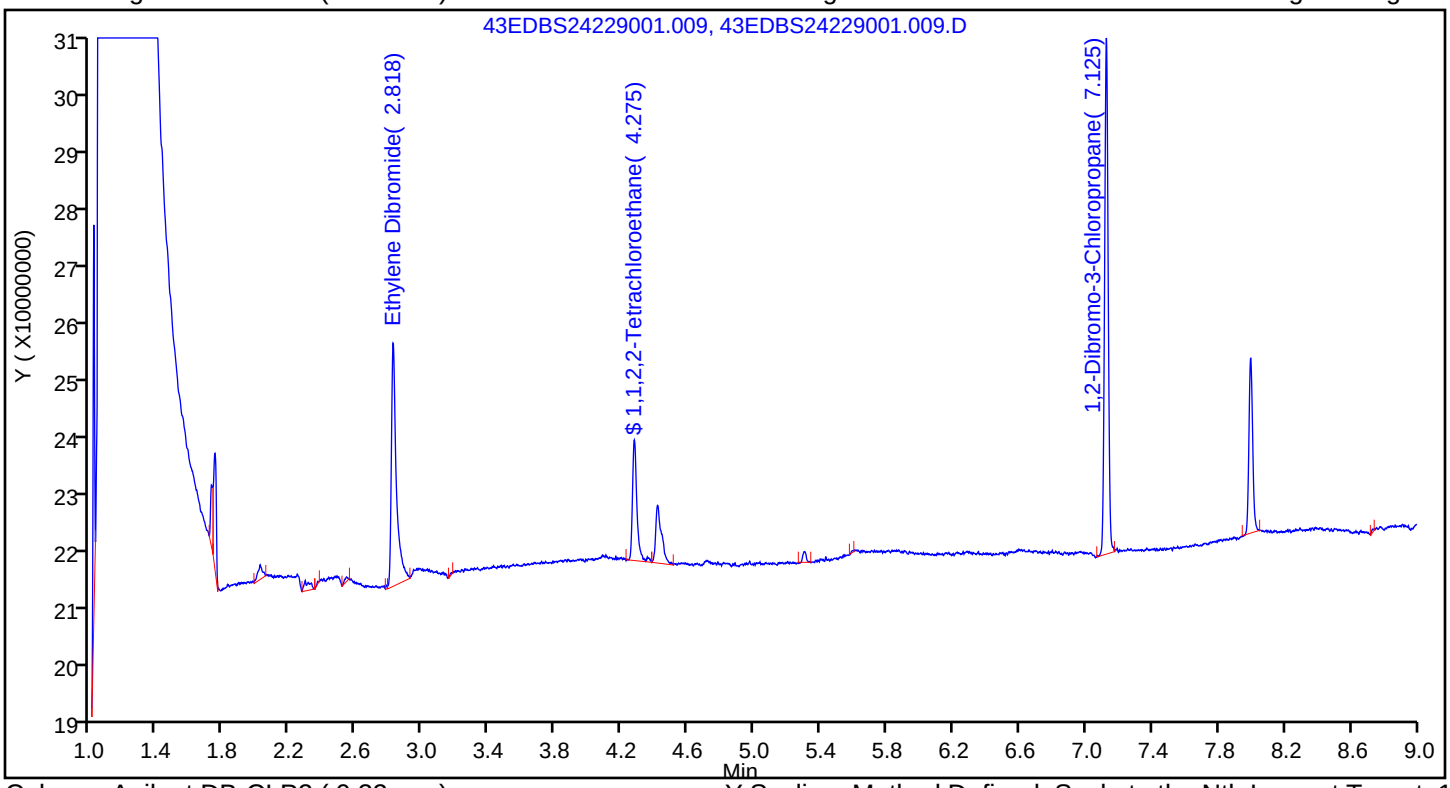
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 9

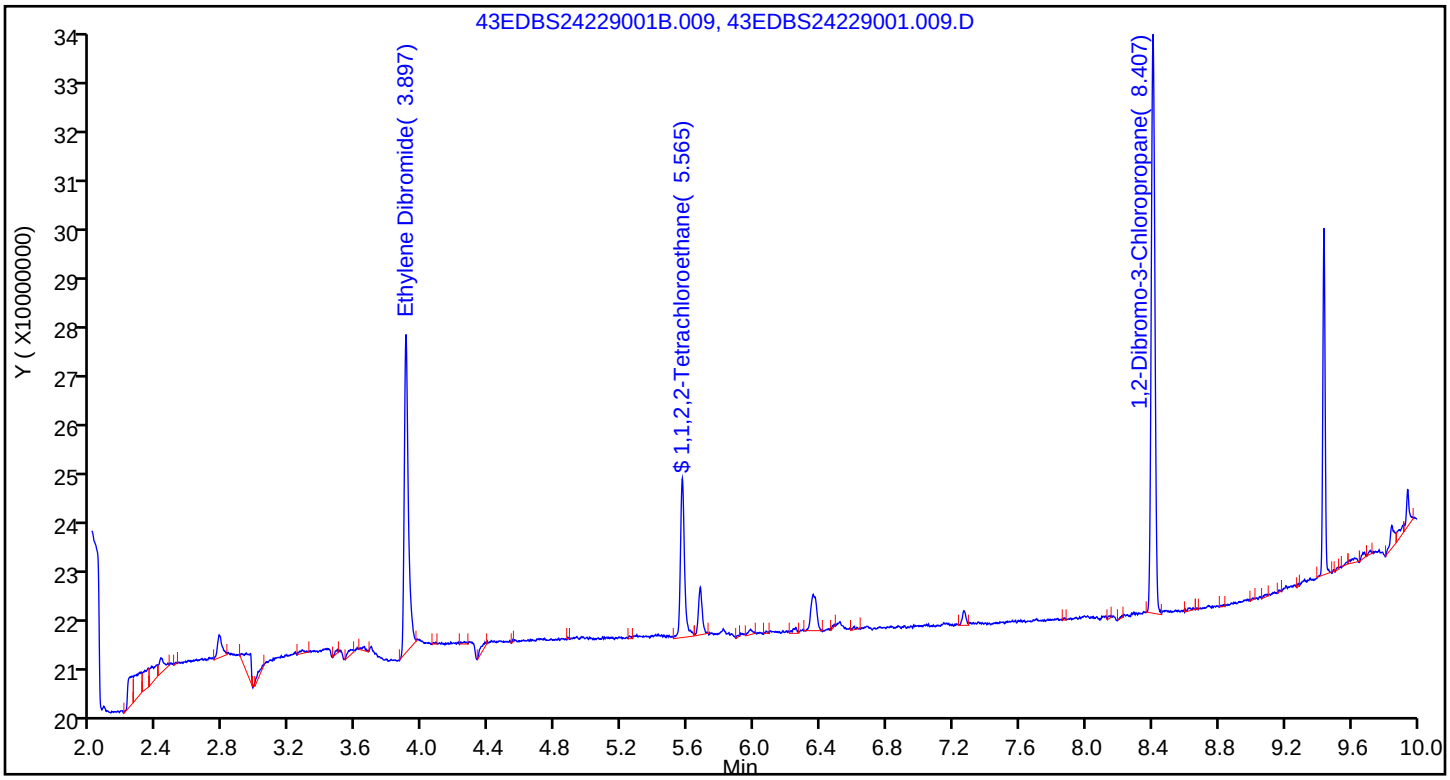
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846S Limit Group: GCSV - 8011 Solid

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Calibration / Ethylene Dibromide

Curve Type:	Quadratic
Weighting:	None
Origin:	None
Dependency:	Response
Calib Mode:	ESTD
Response Base:	HEIGHT
RF Rounding:	0

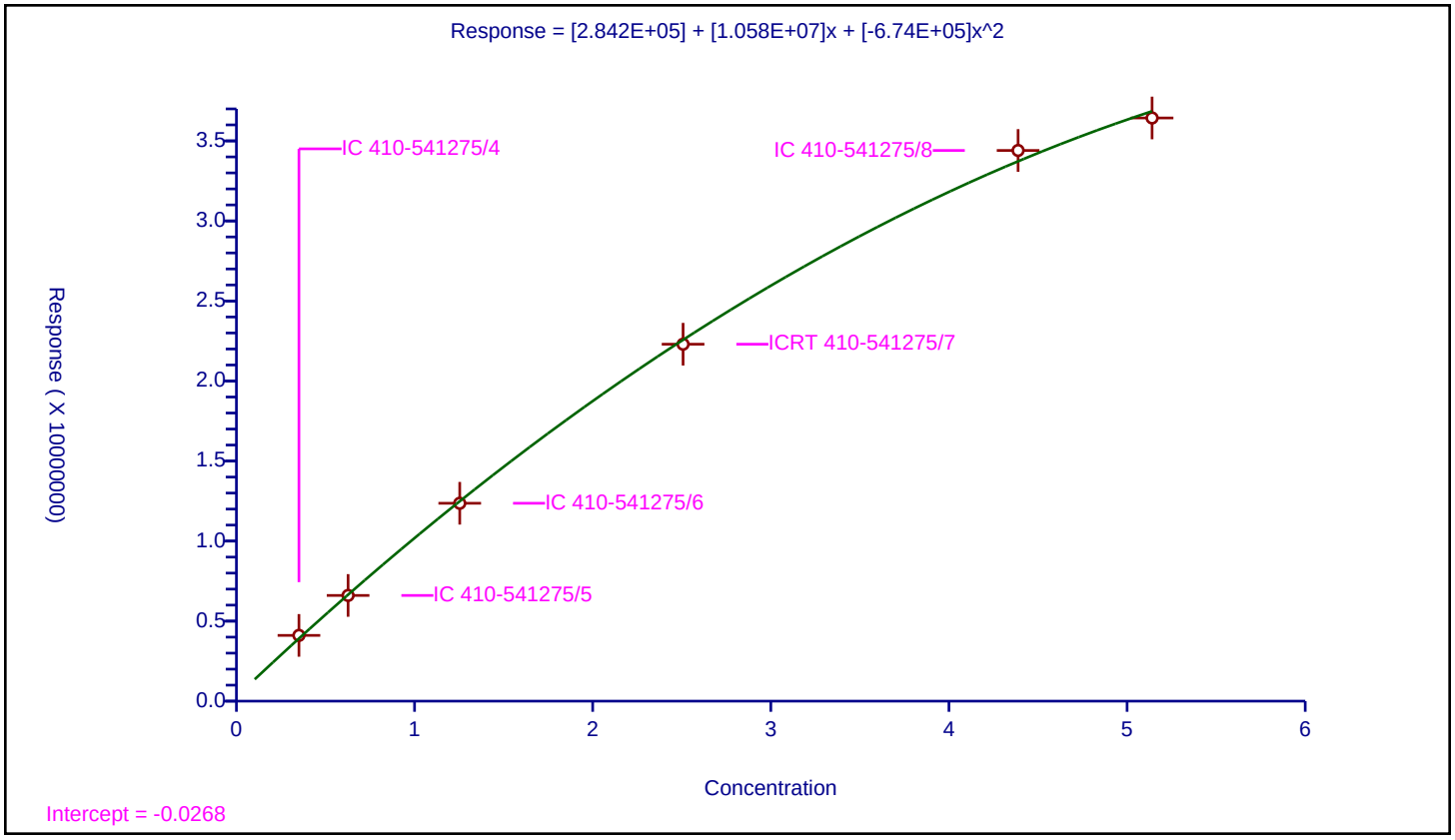
Curve Coefficients

Intercept:	2.842E+05
Slope:	1.058E+07
Second Order:	-6.74E+05

Error Coefficients

Relative Standard Deviation:	4.1

ID	Level	Concentration	Response	IS Amount	IS Response	RF	Used
1	IC 410-541275/4	0.35105	4106685.0			11698290.84176	Y
2	IC 410-541275/5	0.626875	6602703.0			10532726.62014	Y
3	IC 410-541275/6	1.25375	12361672.0			9859758.325025	Y
4	ICRT 410-541275/7	2.5075	22299537.0			8893135.393819	Y
5	IC 410-541275/8	4.388125	34402372.0			7839879.67526	Y
6	IC 410-541275/9	5.140375	36432425.0			7087503.343628	Y



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Calibration / 1,1,2,2-Tetrachloroethane

Curve Type:	Linear
Weighting:	None
Origin:	None
Dependency:	Response
Calib Mode:	ESTD
Response Base:	HEIGHT
RF Rounding:	0

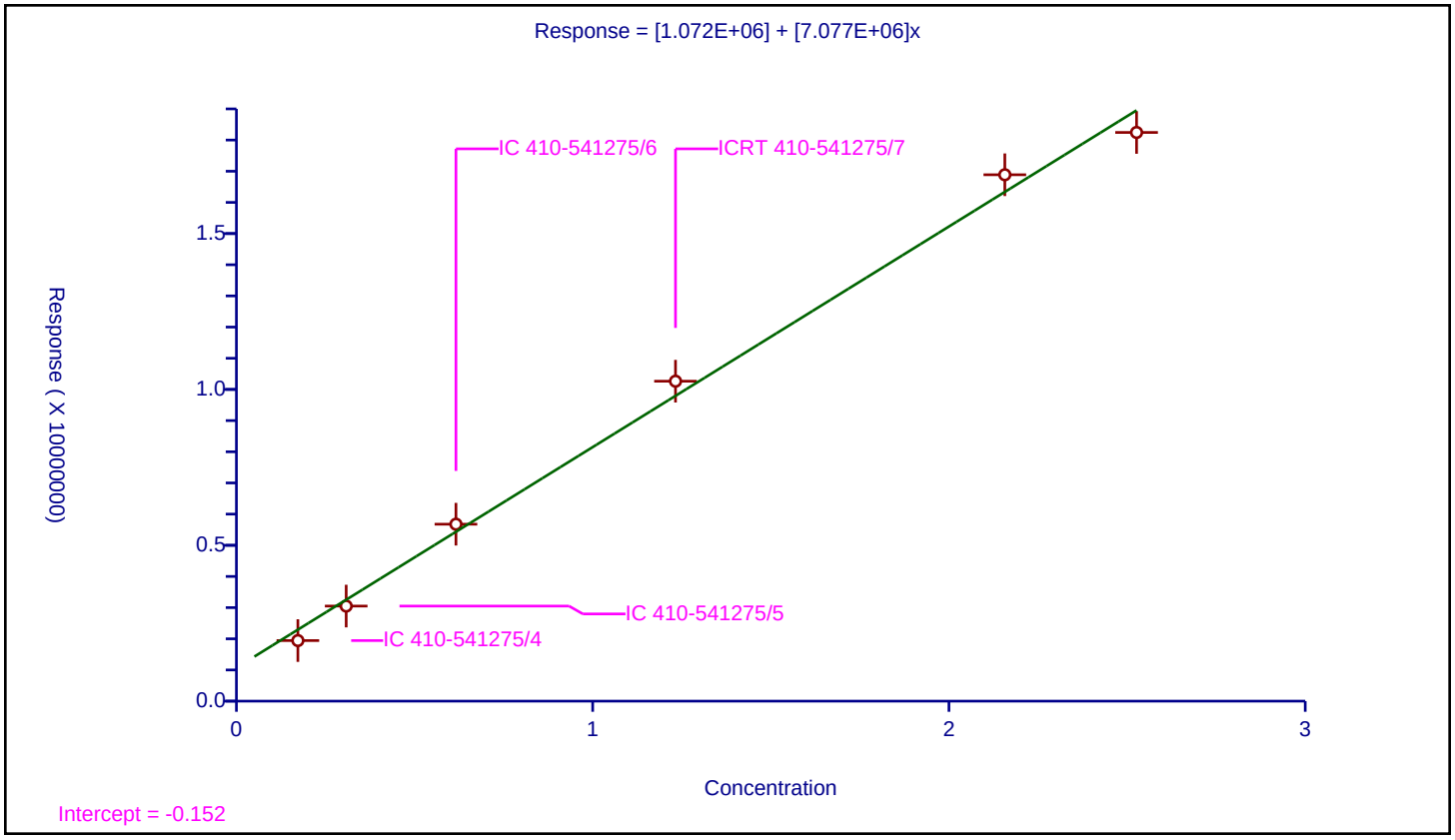
Curve Coefficients

Intercept:	1.072E+06
Slope:	7.077E+06

Error Coefficients

Relative Standard Deviation:	15.8

ID	Level	Concentration	Response	IS Amount	IS Response	RF	Used
1	IC 410-541275/4	0.17255	1943041.0			11260741.813967	Y
2	IC 410-541275/5	0.308125	3050155.0			9899083.1643	Y
3	IC 410-541275/6	0.61625	5676388.0			9211177.281947	Y
4	ICRT 410-541275/7	1.2325	10264204.0			8327954.563895	Y
5	IC 410-541275/8	2.156875	16886535.0			7829167.197914	Y
6	IC 410-541275/9	2.526625	18244037.0			7220714.193836	Y



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Calibration / 1,2-Dibromo-3-Chloropropane

Curve Type:	Linear
Weighting:	None
Origin:	None
Dependency:	Response
Calib Mode:	ESTD
Response Base:	HEIGHT
RF Rounding:	0

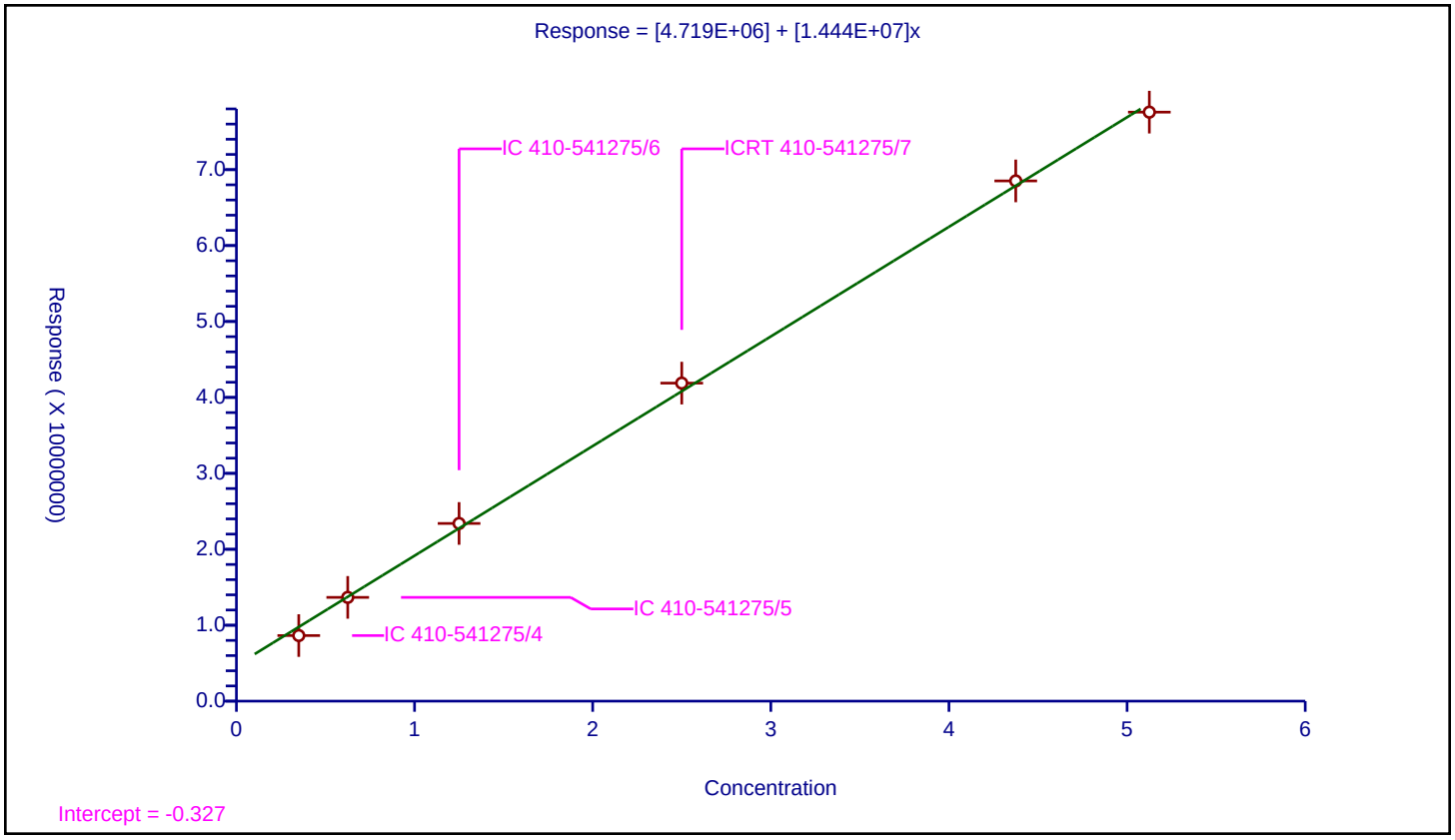
Curve Coefficients

Intercept:	4.719E+06
Slope:	1.444E+07

Error Coefficients

Relative Standard Deviation:	11.5

ID	Level	Concentration	Response	IS Amount	IS Response	RF	Used
1	IC 410-541275/4	0.35	8639195.0			24683414.285714	Y
2	IC 410-541275/5	0.625	13663766.0			21862025.6	Y
3	IC 410-541275/6	1.25	23401452.0			18721161.6	Y
4	ICRT 410-541275/7	2.5	41882671.0			16753068.4	Y
5	IC 410-541275/8	4.375	68513578.0			15660246.4	Y
6	IC 410-541275/9	5.125	77571704.0			15135942.243902	Y



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FORM VI
GC SEMI VOA BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
RETENTION TIME SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-309671-1 Analy Batch No.: 541275

SDG No.:

Instrument ID: 19846 GC Column: DB CLP2 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/16/2024 11:29 Calibration End Date: 08/16/2024 12:55 Calibration ID: 64946

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-541275/4	43EDBS24229001.004.D
Level 2	IC 410-541275/5	43EDBS24229001.005.D
Level 3	IC 410-541275/6	43EDBS24229001.006.D
Level 4	ICRT 410-541275/7	43EDBS24229001.007.D
Level 5	IC 410-541275/8	43EDBS24229001.008.D
Level 6	IC 410-541275/9	43EDBS24229001.009.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
Ethylene Dibromide	3.898	3.897	3.895	3.895	3.897	3.897					3.865 - 3.925	3.897
1,2-Dibromo-3-Chloropropane	8.407	8.407	8.407	8.407	8.407	8.407					8.377 - 8.437	8.407
1,1,2,2-Tetrachloroethane (Surr)	5.565	5.565	5.563	5.563	5.565	5.565					5.533 - 5.593	5.564

FORM VI
GC SEMI VOA BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-309671-1 Analy Batch No.: 541275

SDG No.:

Instrument ID: 19846 GC Column: DB CLP2 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/16/2024 11:29 Calibration End Date: 08/16/2024 12:55 Calibration ID: 64946

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-541275/4	43EDBS24229001.004.D
Level 2	IC 410-541275/5	43EDBS24229001.005.D
Level 3	IC 410-541275/6	43EDBS24229001.006.D
Level 4	ICRT 410-541275/7	43EDBS24229001.007.D
Level 5	IC 410-541275/8	43EDBS24229001.008.D
Level 6	IC 410-541275/9	43EDBS24229001.009.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
Ethylene Dibromide	17600803 12461139	18341963 11371088	16382558	14211700	Qua	836852.13 0	16867262. 3	-1085800. 8						0.9990		0.9900
1,2-Dibromo-3-Chloropropane	30601906 21781367	29787501 20745778	25641860	24353534	Lin	6389155.8 1	20073439. 1							0.9960		0.9900
1,1,2,2-Tetrachloroethane (Surr)	14934460 12219995	15758322 11475913	14158449	12879073	Lin	1378451.6 3	11280984. 2							0.9960		0.9900

Note: The M1 coefficient is the same as Ave CF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC SEMI VOA BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-309671-1 Analy Batch No.: 541275

SDG No.:

Instrument ID: 19846 GC Column: DB CLP2 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/16/2024 11:29 Calibration End Date: 08/16/2024 12:55 Calibration ID: 64946

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-541275/4	43EDBS24229001.004.D
Level 2	IC 410-541275/5	43EDBS24229001.005.D
Level 3	IC 410-541275/6	43EDBS24229001.006.D
Level 4	ICRT 410-541275/7	43EDBS24229001.007.D
Level 5	IC 410-541275/8	43EDBS24229001.008.D
Level 6	IC 410-541275/9	43EDBS24229001.009.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Ethylene Dibromide	Qua	6178762 58451656	11498118	20539632	35635838	54681035	0.351 5.14	0.627	1.25	2.51	4.39
1,2-Dibromo-3-Chloropropane	Lin	10710667 106322111	18617188	32052325	60883836	95293479	0.350 5.13	0.625	1.25	2.50	4.38
1,1,2,2-Tetrachloroethane (Surr)	Lin	2576941 28995328	4855533	8725144	15873458	26357002	0.173 2.53	0.308	0.616	1.23	2.16

Curve Type Legend:

Lin = Linear by Height
Qua = Quadratic by Height

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240816-122419.b\43EDBS24229001.004.D
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 16-Aug-2024 11:29:00 ALS Bottle#: 0 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: ic
Misc. Info.: 410-0120243-004
Operator ID: Instrument ID: 19846
Sublist: chrom-8011_19846S*sub1

Method: \\chromfs\Lancaster\ChromData\19846\20240816-122419.b\8011_19846S.m
Limit Group: GCSV - 8011 Solid
Last Update: 19-Aug-2024 06:52:56 Calib Date: 16-Aug-2024 12:55:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240816-122419.b\43EDBS24229001.009.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1683

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	2.823	2.820	0.003	4106685H	0.3511	0.3701	
2	3.898	3.895	0.003	6178762H	0.3511	0.3234	
						RPD = 13.44	
$ 2 1,1,2,2-Tetrachloroethane							
1	4.277	4.275	0.002	1943041H	0.1726	0.1230	
2	5.565	5.563	0.002	2576941H	0.1726	0.1062	
						RPD = 14.65	
3 1,2-Dibromo-3-Chloropropane							
1	7.125	7.123	0.002	8639195H	0.3500	0.2715	
2	8.407	8.407	0.000	10710667H	0.3500	0.2153	
						RPD = 23.11	

Reagents:

GCS_EDBS1_00033 Amount Added: 1.00 Units: mL

Report Date: 19-Aug-2024 06:52:56 Chrom Revision: 2.3 07-Aug-2024 17:44:18

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240816-122419.b\43EDBS24229001.004.D

Injection Date: 16-Aug-2024 11:29:00 Instrument ID: 19846

Lims ID: ic

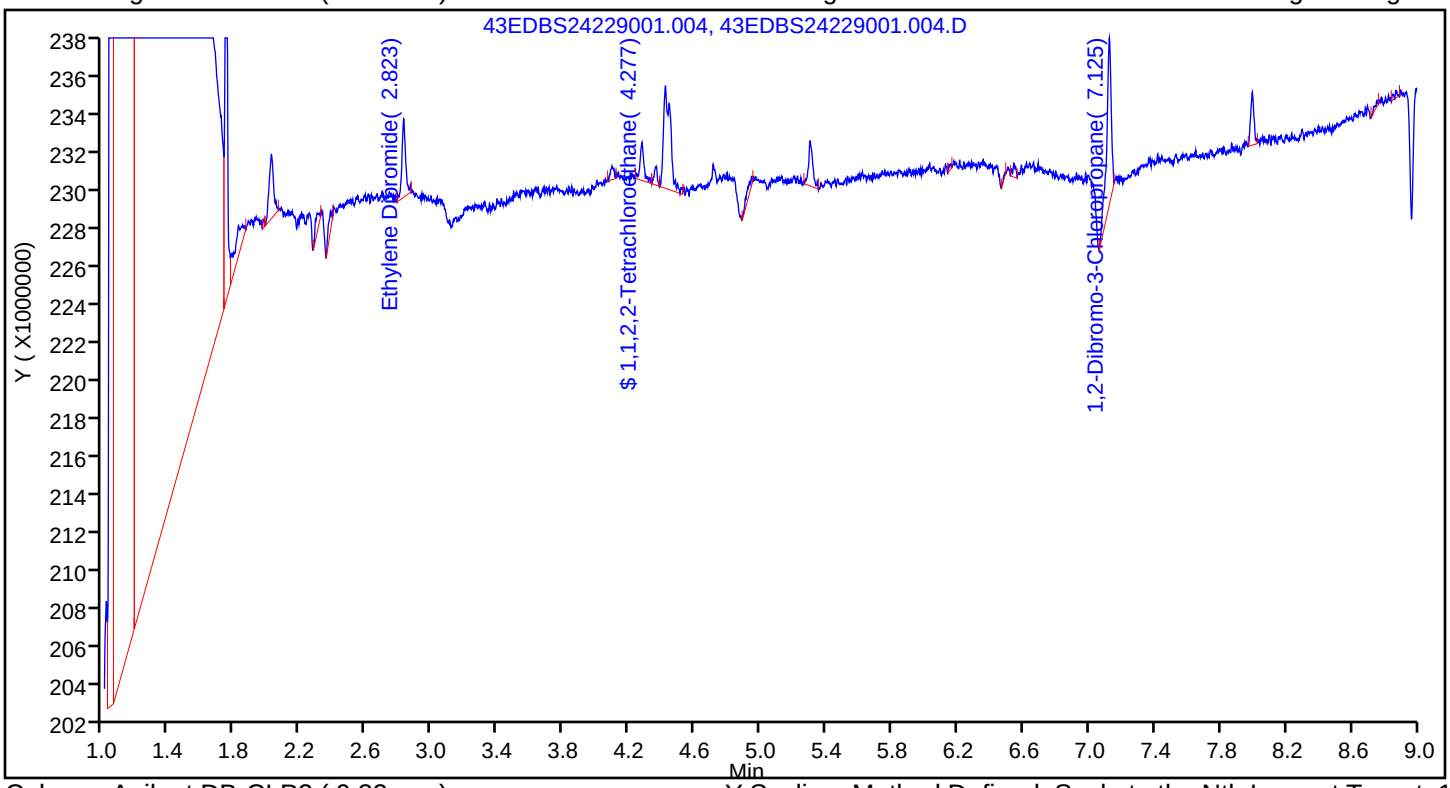
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 4

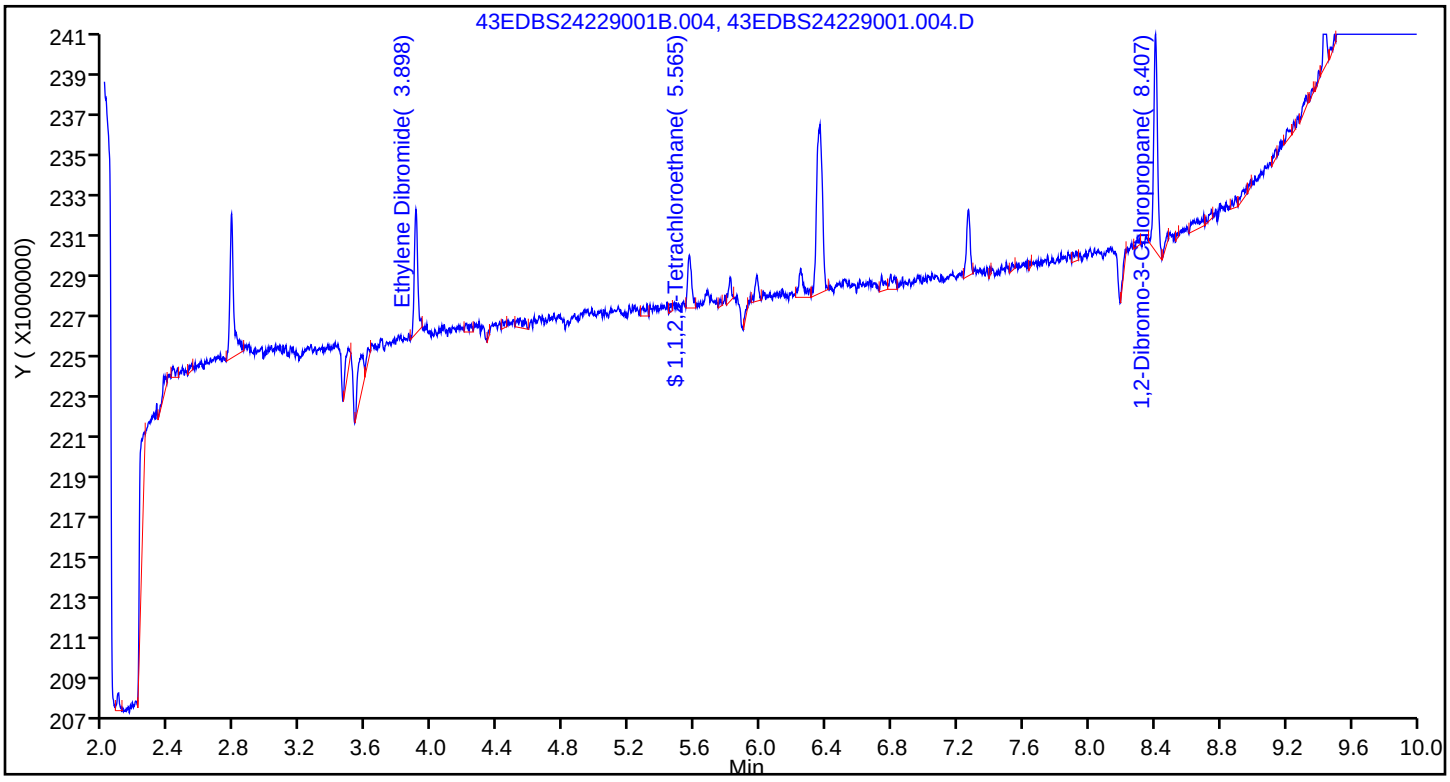
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846S Limit Group: GCSV - 8011 Solid

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



9/9/2024
1:05:41 PM

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240816-122419.b\43EDBS24229001.005.D
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 16-Aug-2024 11:46:00 ALS Bottle#: 0 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: ic
Misc. Info.: 410-0120243-005
Operator ID: Instrument ID: 19846
Sublist: chrom-8011_19846S*sub1

Method: \\chromfs\Lancaster\ChromData\19846\20240816-122419.b\8011_19846S.m
Limit Group: GCSV - 8011 Solid
Last Update: 19-Aug-2024 06:52:57 Calib Date: 16-Aug-2024 12:55:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240816-122419.b\43EDBS24229001.009.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1683

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	2.822	2.820	0.002	6602703H	0.6269	0.6219	
2	3.897	3.895	0.002	11498118H	0.6269	0.6601	
						RPD = 5.96	
$ 2 1,1,2,2-Tetrachloroethane							
1	4.273	4.275	-0.002	3050155H	0.3081	0.2795	
2	5.565	5.563	0.002	4855533H	0.3081	0.3082	
						RPD = 9.79	
3 1,2-Dibromo-3-Chloropropane							
1	7.125	7.123	0.002	13663766H	0.6250	0.6196	
2	8.407	8.407	0.000	18617188H	0.6250	0.6092	
						RPD = 1.70	

Reagents:

GCS_EDBS2_00032 Amount Added: 1.00 Units: mL

Report Date: 19-Aug-2024 06:52:57 Chrom Revision: 2.3 07-Aug-2024 17:44:18

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240816-122419.b\43EDBS24229001.005.D

Injection Date: 16-Aug-2024 11:46:00 Instrument ID: 19846

Lims ID: ic

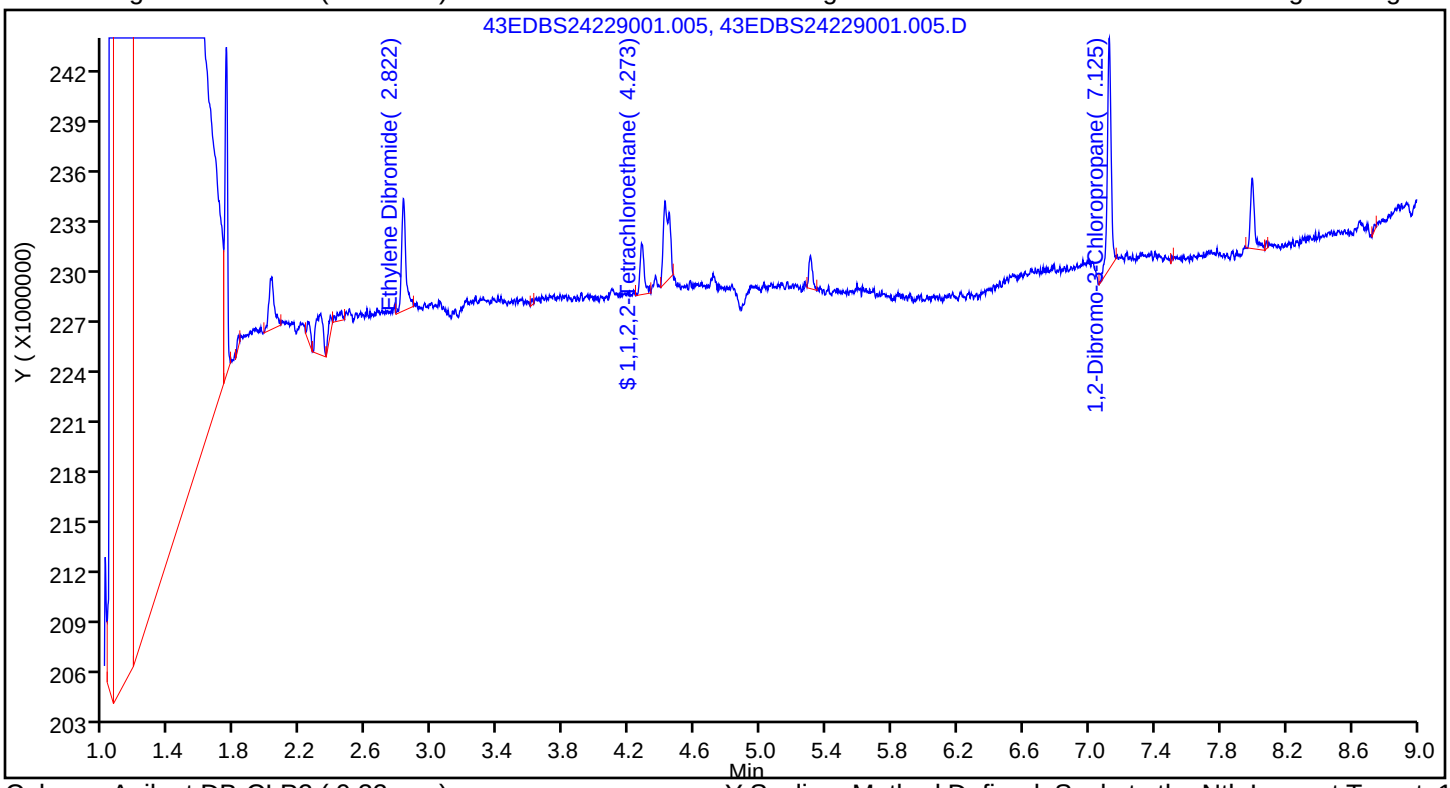
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 5

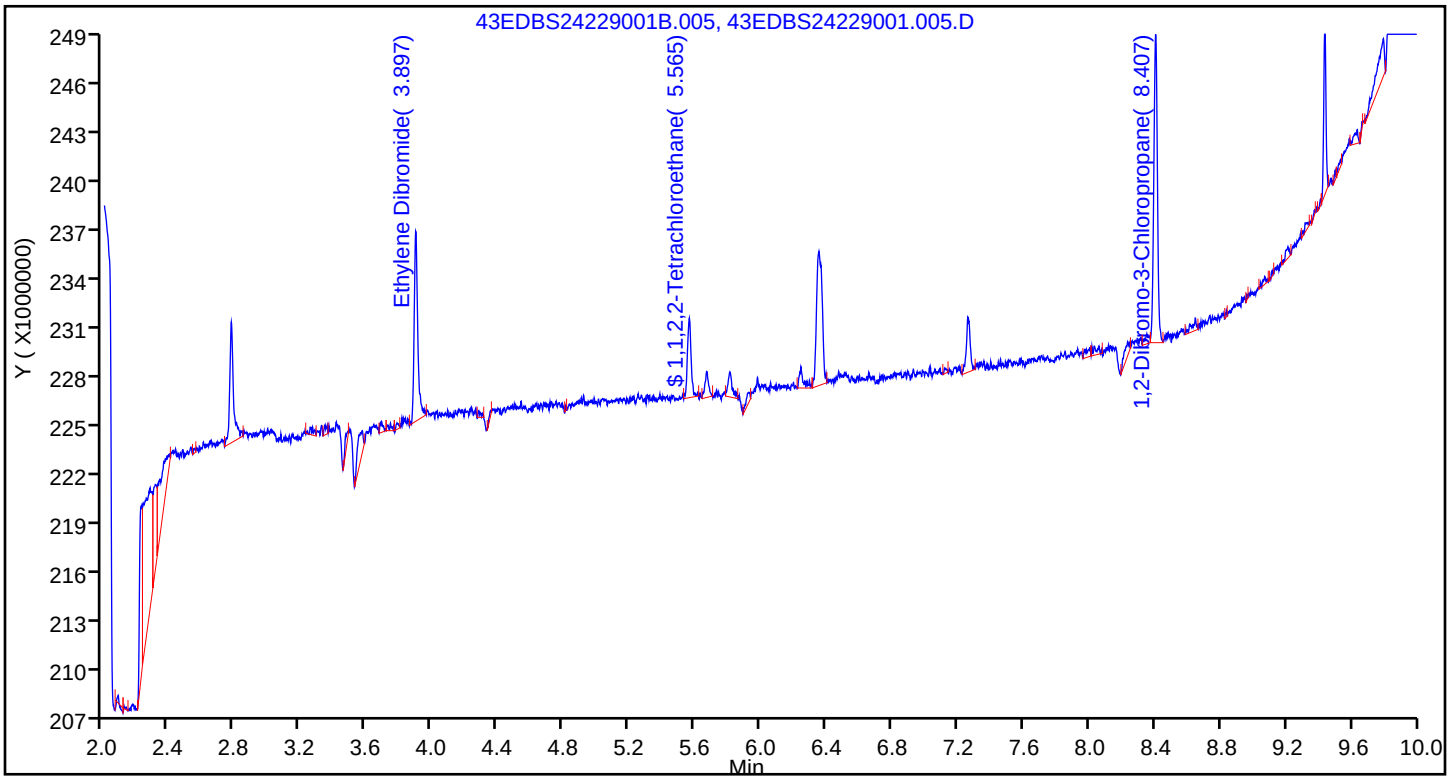
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846S Limit Group: GCSV - 8011 Solid

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240816-122419.b\43EDBS24229001.006.D
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 16-Aug-2024 12:04:00 ALS Bottle#: 0 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: ic
Misc. Info.: 410-0120243-006
Operator ID: Instrument ID: 19846
Sublist: chrom-8011_19846S*sub1

Method: \\chromfs\Lancaster\ChromData\19846\20240816-122419.b\8011_19846S.m
Limit Group: GCSV - 8011 Solid
Last Update: 19-Aug-2024 06:52:58 Calib Date: 16-Aug-2024 12:55:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240816-122419.b\43EDBS24229001.009.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1683

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	2.820	2.820	0.000	12361672H	1.25	1.24	
2	3.895	3.895	0.000	20539632H	1.25	1.27	
						RPD = 2.61	
$ 2 1,1,2,2-Tetrachloroethane							
1	4.275	4.275	0.000	5676388H	0.6163	0.6506	
2	5.563	5.563	0.000	8725144H	0.6163	0.6512	
						RPD = 0.10	
3 1,2-Dibromo-3-Chloropropane							
1	7.123	7.123	0.000	23401452H	1.25	1.29	
2	8.407	8.407	0.000	32052325H	1.25	1.28	
						RPD = 1.22	

Reagents:

GCS_EDBS3_00033 Amount Added: 1.00 Units: mL

Report Date: 19-Aug-2024 06:52:58 Chrom Revision: 2.3 07-Aug-2024 17:44:18

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240816-122419.b\43EDBS24229001.006.D

Injection Date: 16-Aug-2024 12:04:00 Instrument ID: 19846

Lims ID: ic

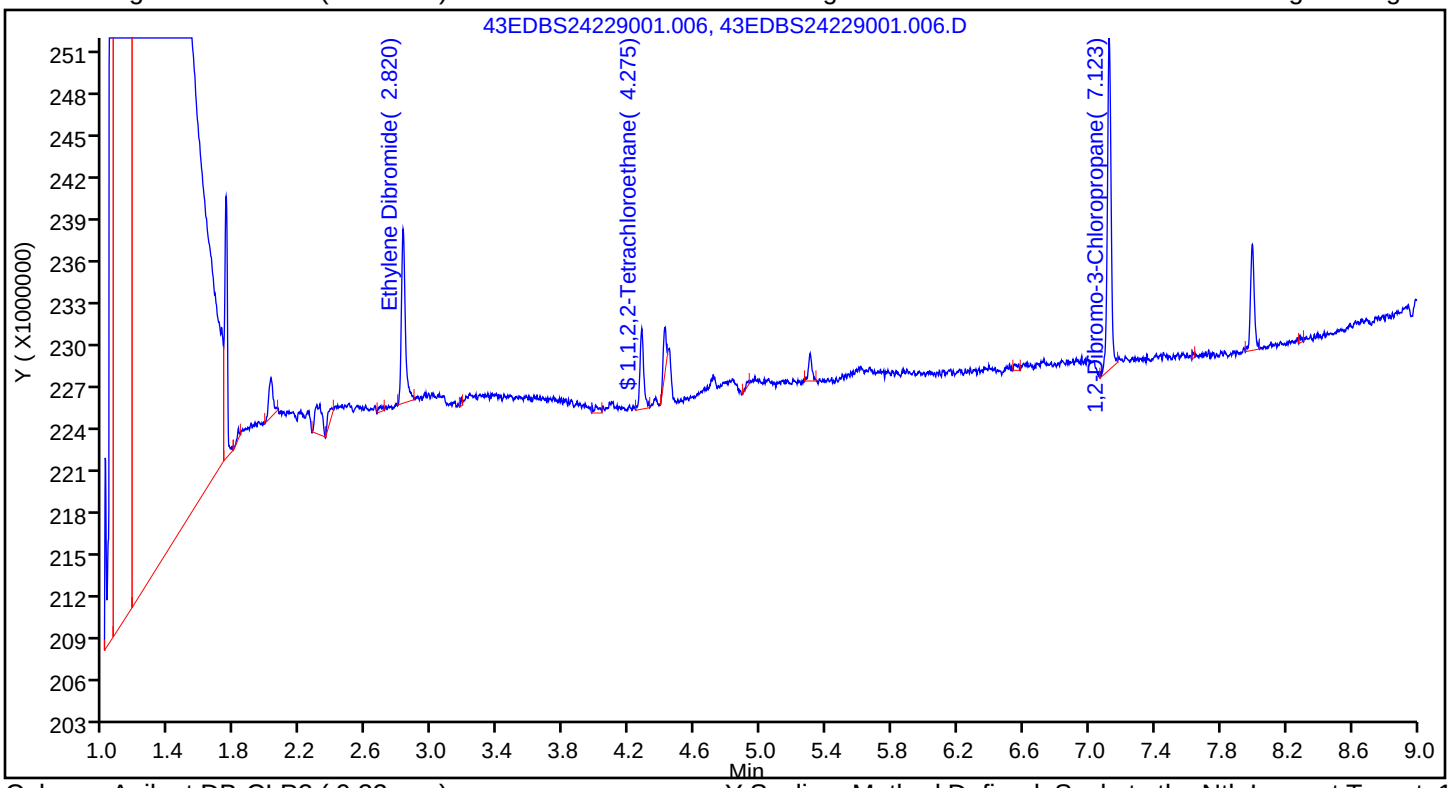
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 6

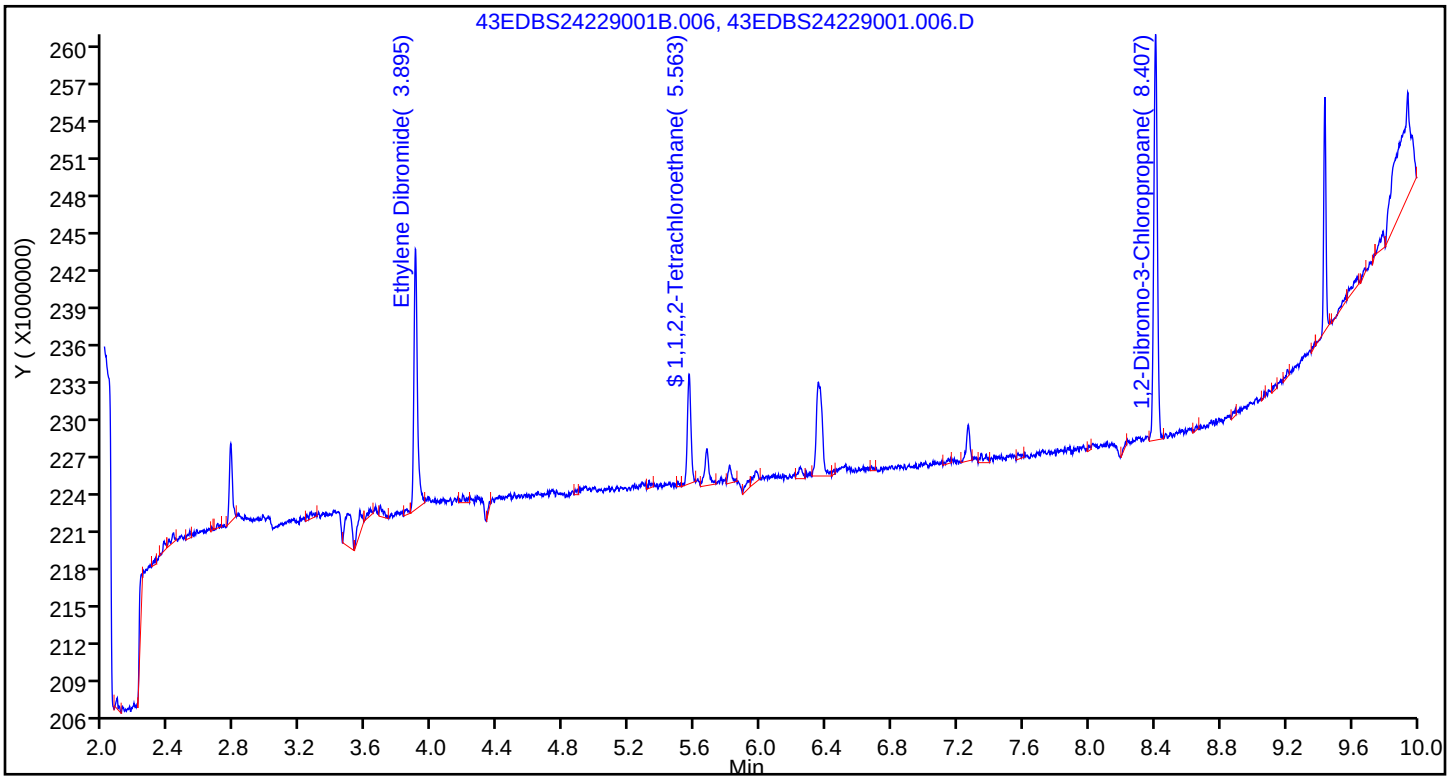
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846S Limit Group: GCSV - 8011 Solid

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240816-122419.b\43EDBS24229001.007.D
Lims ID: icrt
Client ID:
Sample Type: ICRT Calib Level: 4
Inject. Date: 16-Aug-2024 12:21:00 ALS Bottle#: 0 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: icrt
Misc. Info.: 410-0120243-007
Operator ID: Instrument ID: 19846
Sublist: chrom-8011_19846S*sub1

Method: \\chromfs\Lancaster\ChromData\19846\20240816-122419.b\8011_19846S.m
Limit Group: GCSV - 8011 Solid
Last Update: 19-Aug-2024 06:52:59 Calib Date: 16-Aug-2024 12:55:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240816-122419.b\43EDBS24229001.009.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1683

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	2.820	2.820	0.000	22299537H	2.51	2.47	
2	3.895	3.895	0.000	35635838H	2.51	2.45	
						RPD = 0.83	
$ 2 1,1,2,2-Tetrachloroethane							
1	4.275	4.275	0.000	10264204H	1.23	1.30	
2	5.563	5.563	0.000	15873458H	1.23	1.28	
						RPD = 1.08	
3 1,2-Dibromo-3-Chloropropane							
1	7.123	7.123	0.000	41882671H	2.50	2.57	
2	8.407	8.407	0.000	60883836H	2.50	2.71	
						RPD = 5.31	

Reagents:

GCS_EDBS4_00047 Amount Added: 1.00 Units: mL

Report Date: 19-Aug-2024 06:52:59 Chrom Revision: 2.3 07-Aug-2024 17:44:18

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240816-122419.b\43EDBS24229001.007.D

Injection Date: 16-Aug-2024 12:21:00 Instrument ID: 19846

Lims ID: icrt

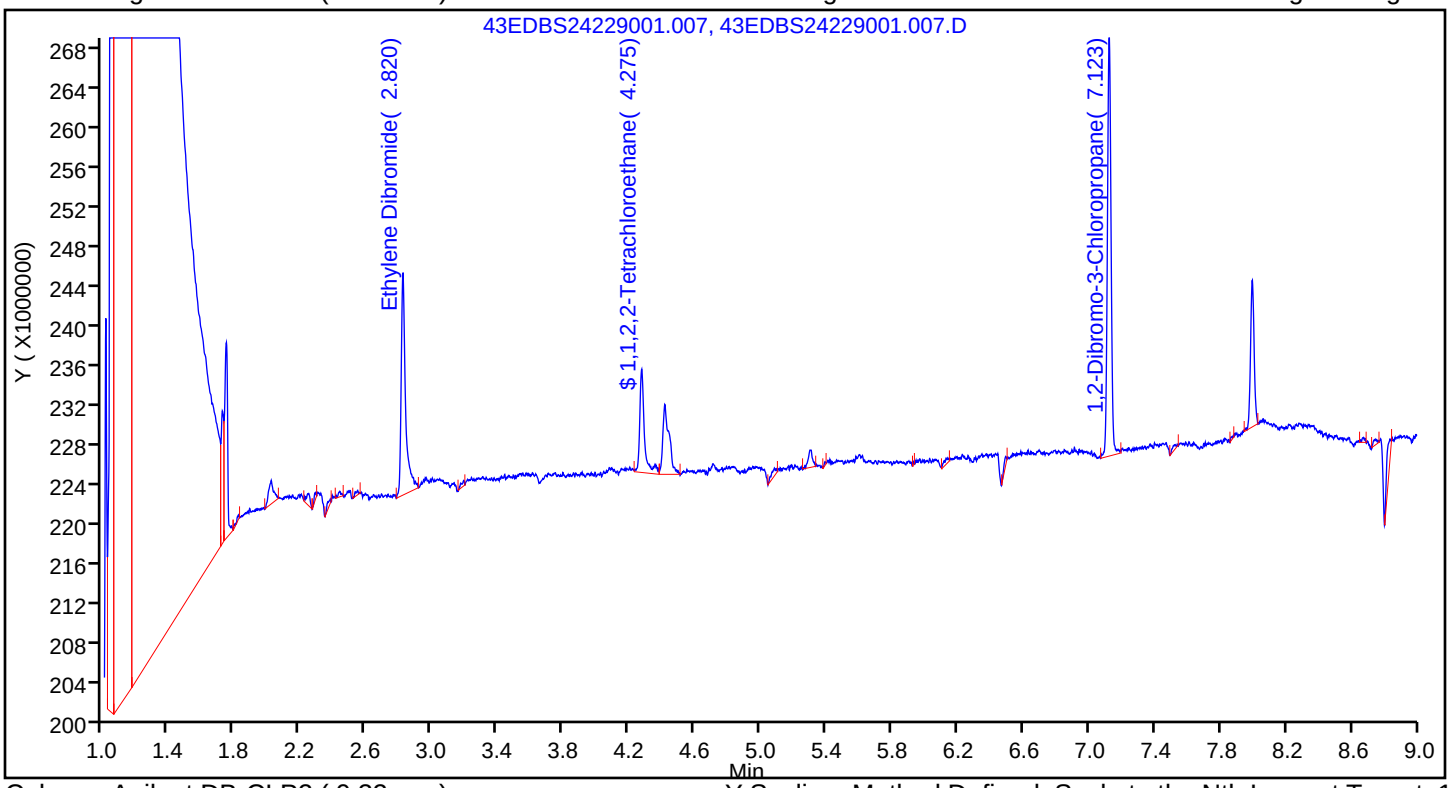
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 7

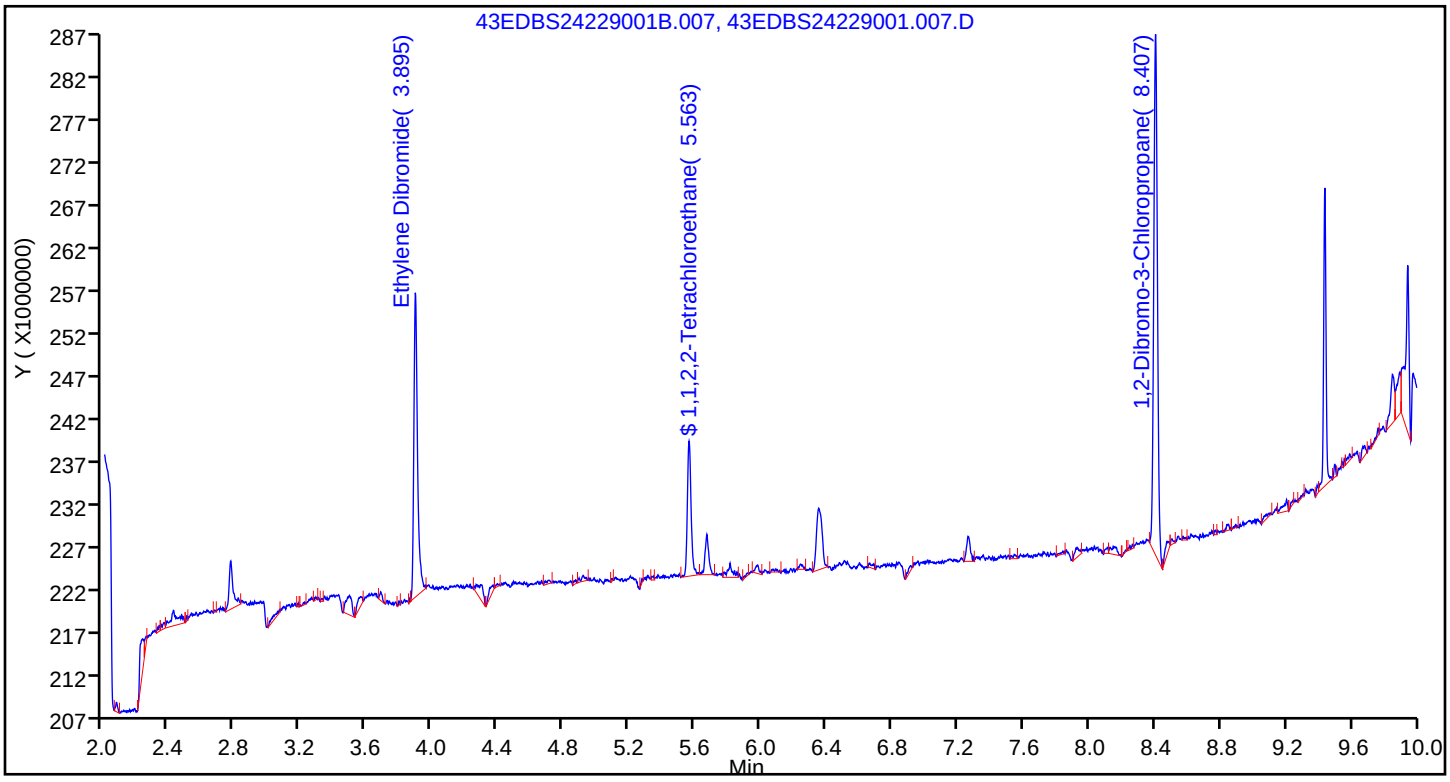
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846S Limit Group: GCSV - 8011 Solid

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240816-122419.b\43EDBS24229001.008.D
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 16-Aug-2024 12:38:00 ALS Bottle#: 0 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: ic
Misc. Info.: 410-0120243-008
Operator ID: Instrument ID: 19846
Sublist: chrom-8011_19846S*sub1

Method: \\chromfs\Lancaster\ChromData\19846\20240816-122419.b\8011_19846S.m
Limit Group: GCSV - 8011 Solid
Last Update: 19-Aug-2024 06:53:00 Calib Date: 16-Aug-2024 12:55:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240816-122419.b\43EDBS24229001.009.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1683

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	2.820	2.820	0.000	34402372H	4.39	4.54	
2	3.897	3.895	0.002	54681035H	4.39	4.49	
						RPD = 1.03	
$ 2 1,1,2,2-Tetrachloroethane							
1	4.275	4.275	0.000	16886535H	2.16	2.23	
2	5.565	5.563	0.002	26357002H	2.16	2.21	
						RPD = 0.92	
3 1,2-Dibromo-3-Chloropropane							
1	7.125	7.123	0.002	68513578H	4.38	4.42	
2	8.407	8.407	0.000	95293479H	4.38	4.43	
						RPD = 0.22	

Reagents:

GCS_EDBS5_00030 Amount Added: 1.00 Units: mL

Report Date: 19-Aug-2024 06:53:01 Chrom Revision: 2.3 07-Aug-2024 17:44:18

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240816-122419.b\43EDBS24229001.008.D

Injection Date: 16-Aug-2024 12:38:00 Instrument ID: 19846

Lims ID: ic

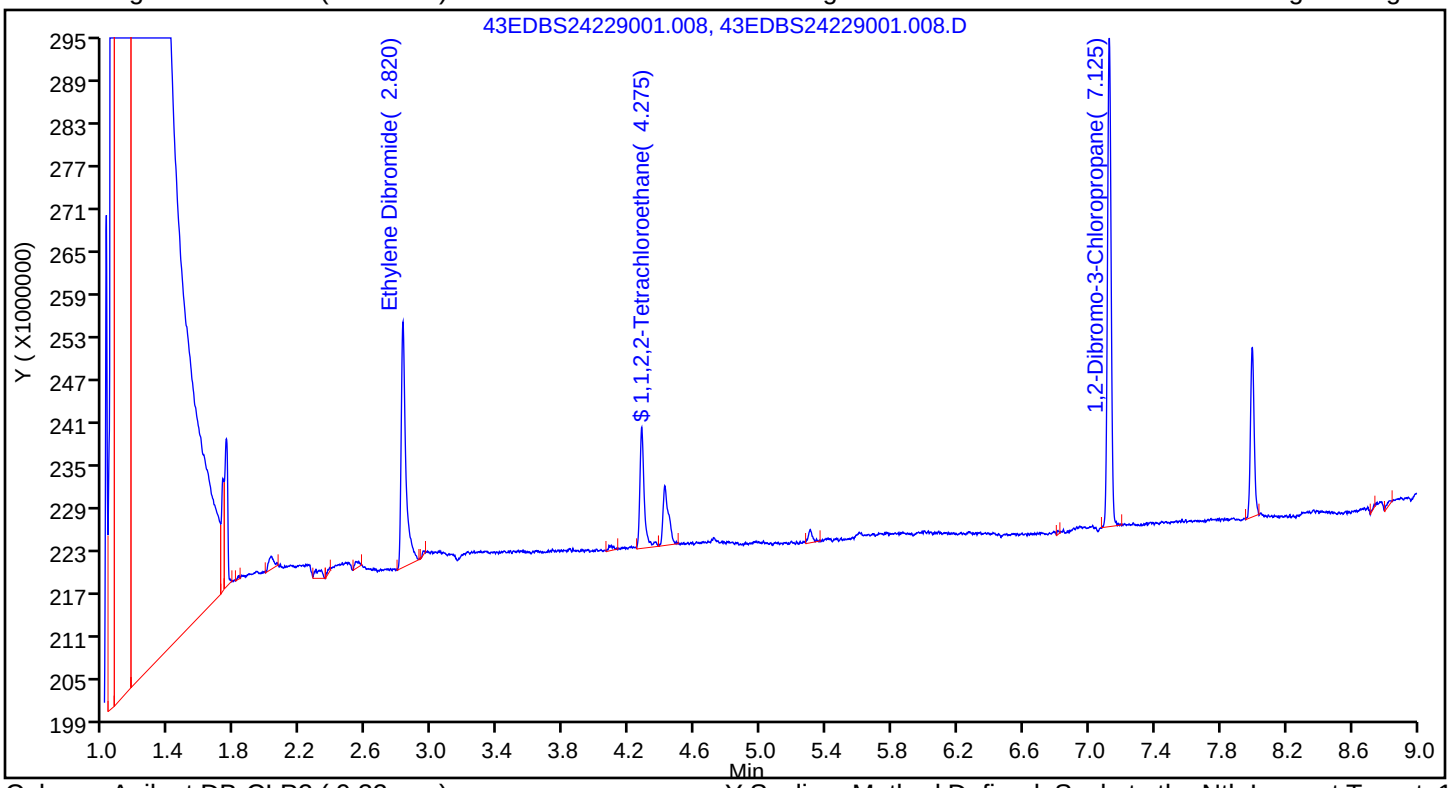
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 8

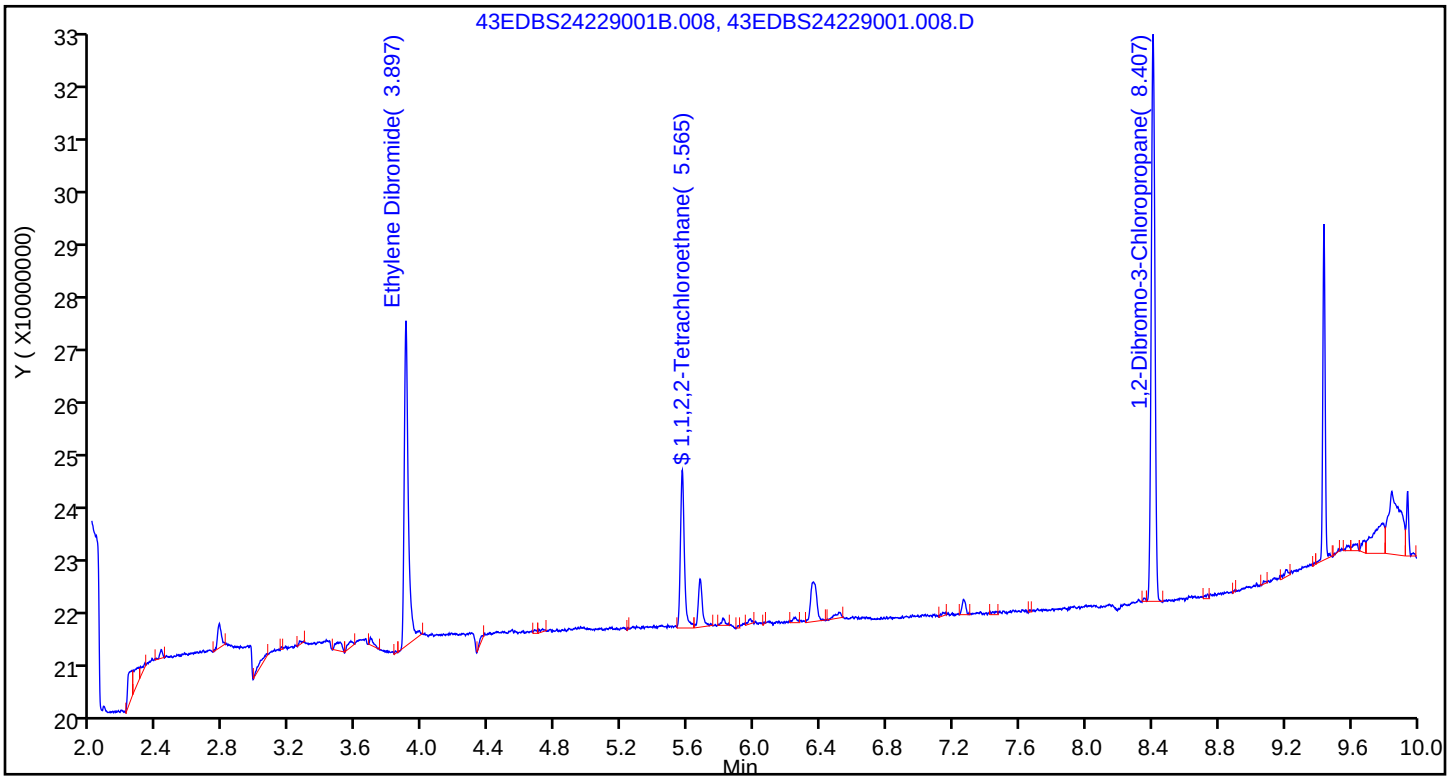
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846S Limit Group: GCSV - 8011 Solid

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240816-122419.b\43EDBS24229001.009.D
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 16-Aug-2024 12:55:00 ALS Bottle#: 0 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: ic
Misc. Info.: 410-0120243-009
Operator ID: Instrument ID: 19846
Sublist: chrom-8011_19846S*sub1

Method: \\chromfs\Lancaster\ChromData\19846\20240816-122419.b\8011_19846S.m
Limit Group: GCSV - 8011 Solid
Last Update: 19-Aug-2024 06:53:02 Calib Date: 16-Aug-2024 12:55:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240816-122419.b\43EDBS24229001.009.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1683

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	2.818	2.820	-0.002	36432425H	5.14	5.03	
2	3.897	3.895	0.002	58451656H	5.14	5.07	
						RPD = 0.87	
$ 2 1,1,2,2-Tetrachloroethane							
1	4.275	4.275	0.000	18244037H	2.53	2.43	
2	5.565	5.563	0.002	28995328H	2.53	2.45	
						RPD = 0.89	
3 1,2-Dibromo-3-Chloropropane							
1	7.125	7.123	0.002	77571704H	5.13	5.05	
2	8.407	8.407	0.000	106322111H	5.13	4.98	
						RPD = 1.36	

Reagents:

GCS_EDBS6_00030 Amount Added: 1.00 Units: mL

Report Date: 19-Aug-2024 06:53:02 Chrom Revision: 2.3 07-Aug-2024 17:44:18

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240816-122419.b\43EDBS24229001.009.D

Injection Date: 16-Aug-2024 12:55:00 Instrument ID: 19846

Lims ID: ic

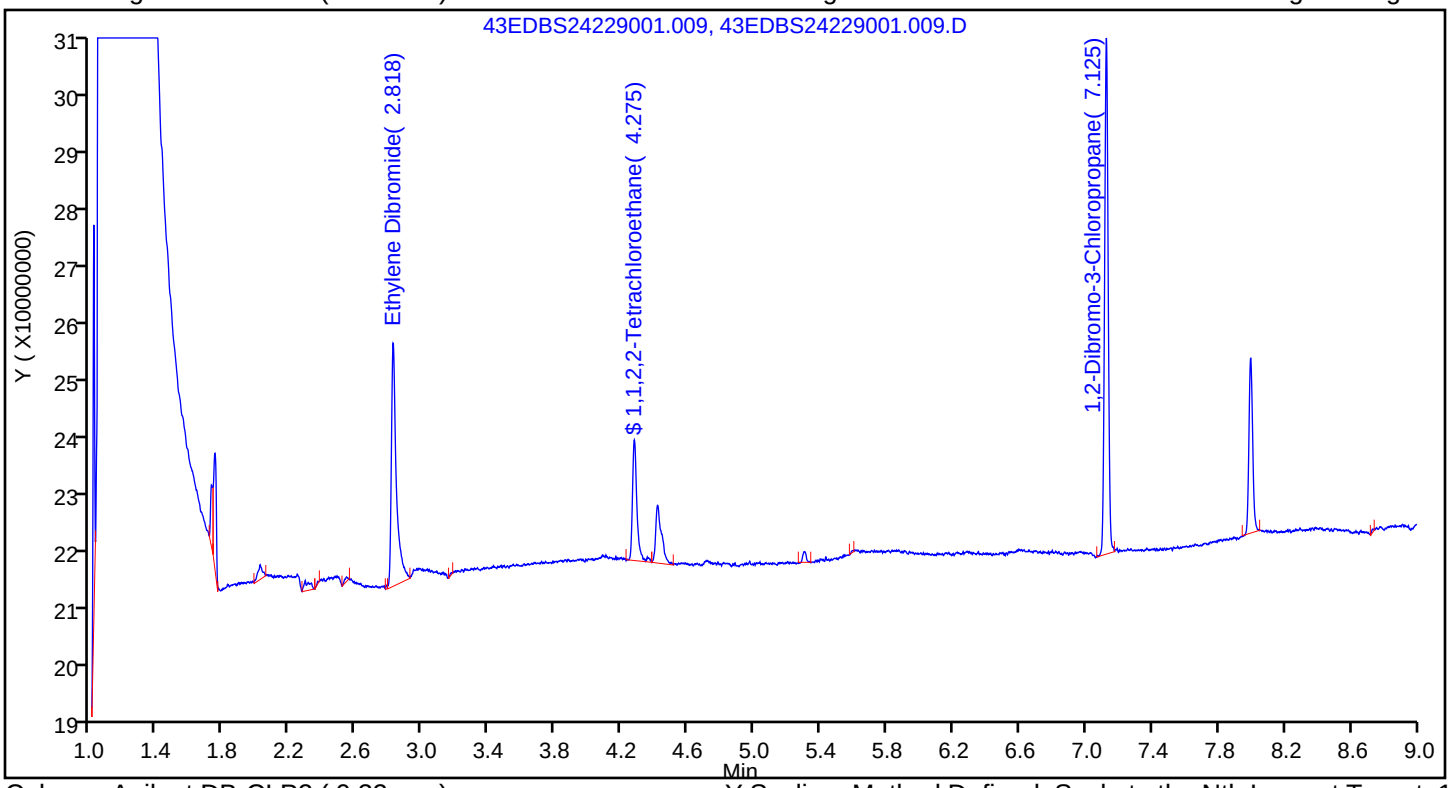
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 9

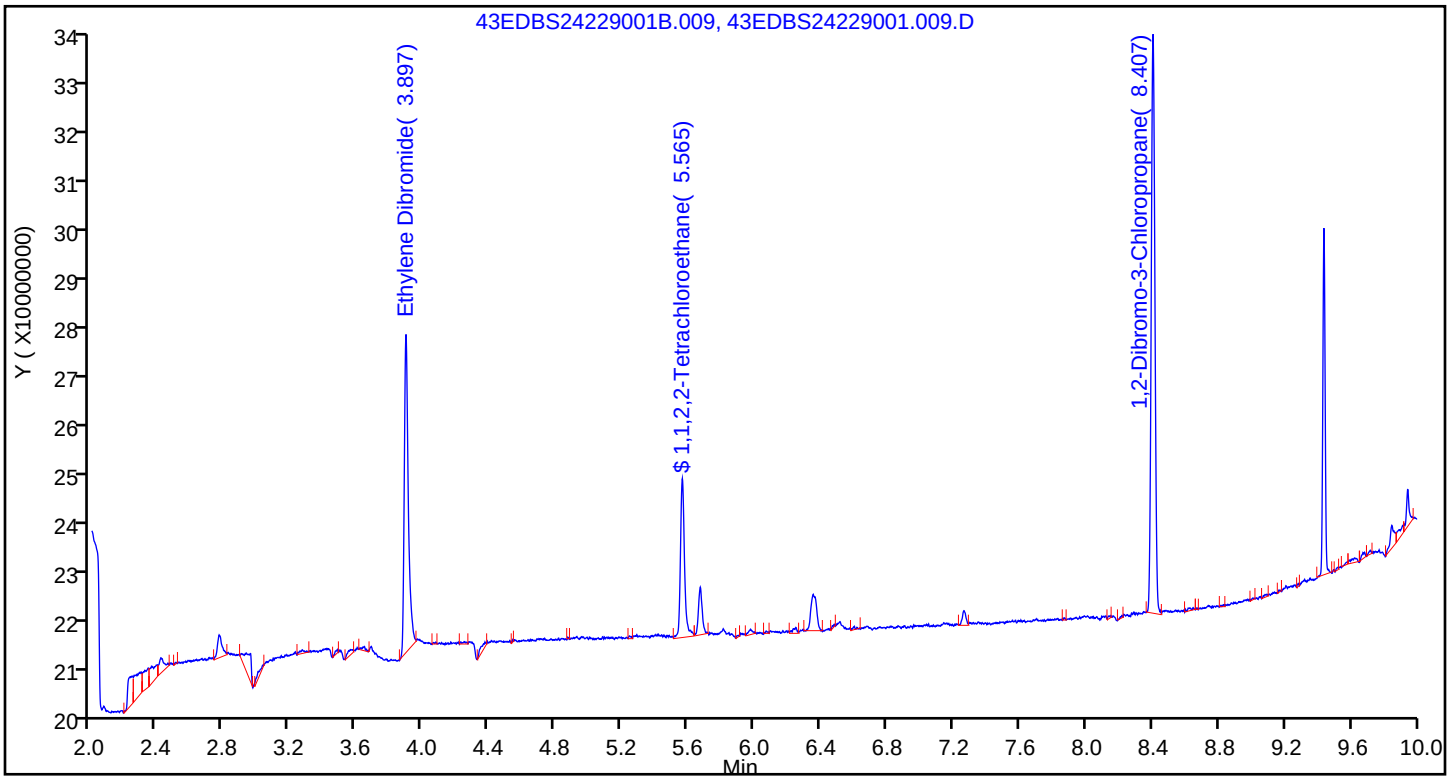
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846S Limit Group: GCSV - 8011 Solid

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Calibration / Ethylene Dibromide

Curve Type:	Quadratic
Weighting:	None
Origin:	None
Dependency:	Response
Calib Mode:	ESTD
Response Base:	HEIGHT
RF Rounding:	0

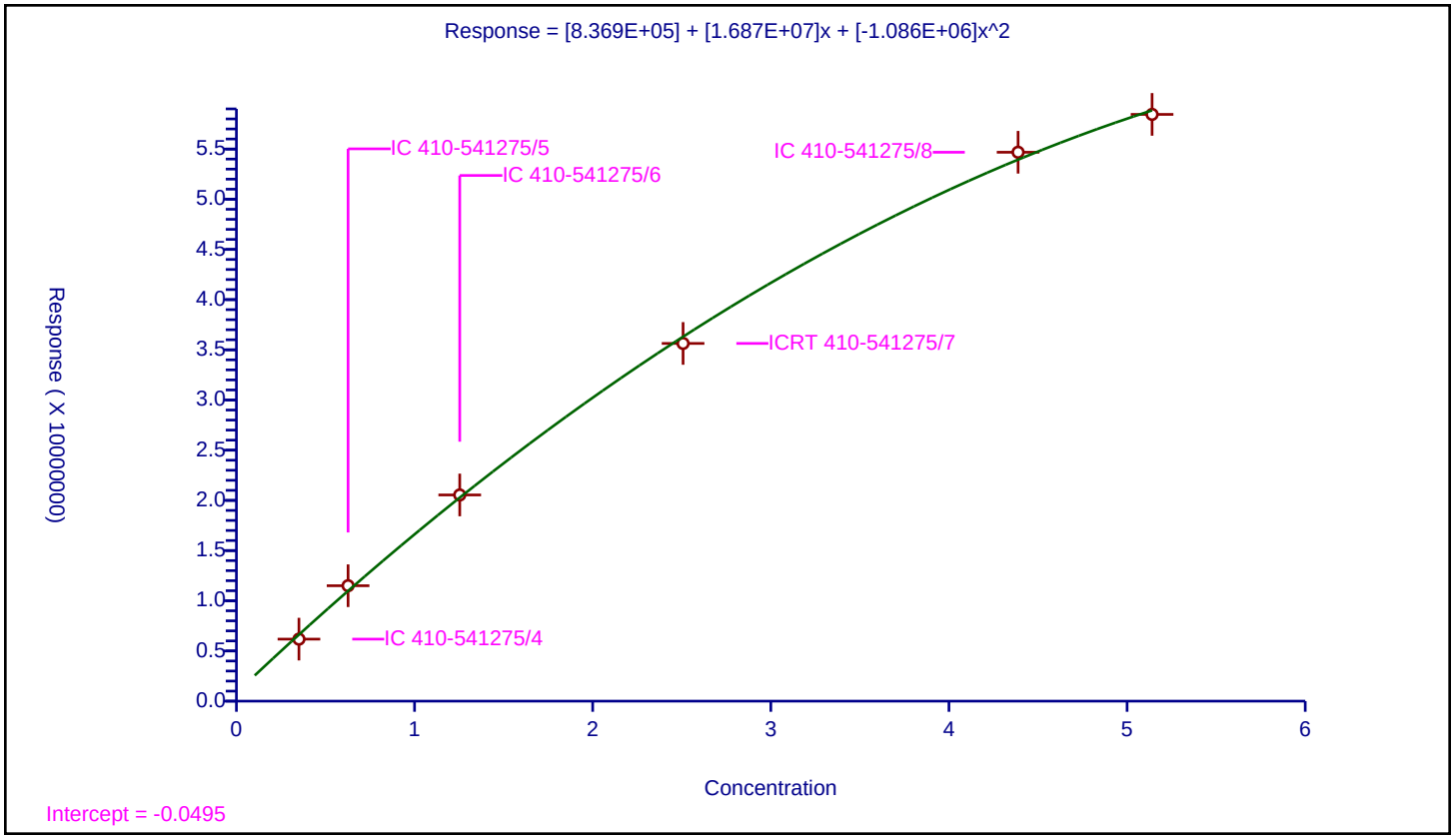
Curve Coefficients

Intercept:	8.369E+05
Slope:	1.687E+07
Second Order:	-1.086E+06

Error Coefficients

Relative Standard Deviation:	5.9

ID	Level	Concentration	Response	IS Amount	IS Response	RF	Used
1	IC 410-541275/4	0.35105	6178762.0			17600803.304373	Y
2	IC 410-541275/5	0.626875	11498118.0			18341962.911266	Y
3	IC 410-541275/6	1.25375	20539632.0			16382557.926221	Y
4	ICRT 410-541275/7	2.5075	35635838.0			14211700.099701	Y
5	IC 410-541275/8	4.388125	54681035.0			12461138.869107	Y
6	IC 410-541275/9	5.140375	58451656.0			11371087.907011	Y



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Calibration / 1,1,2,2-Tetrachloroethane

Curve Type:	Linear
Weighting:	None
Origin:	None
Dependency:	Response
Calib Mode:	ESTD
Response Base:	HEIGHT
RF Rounding:	0

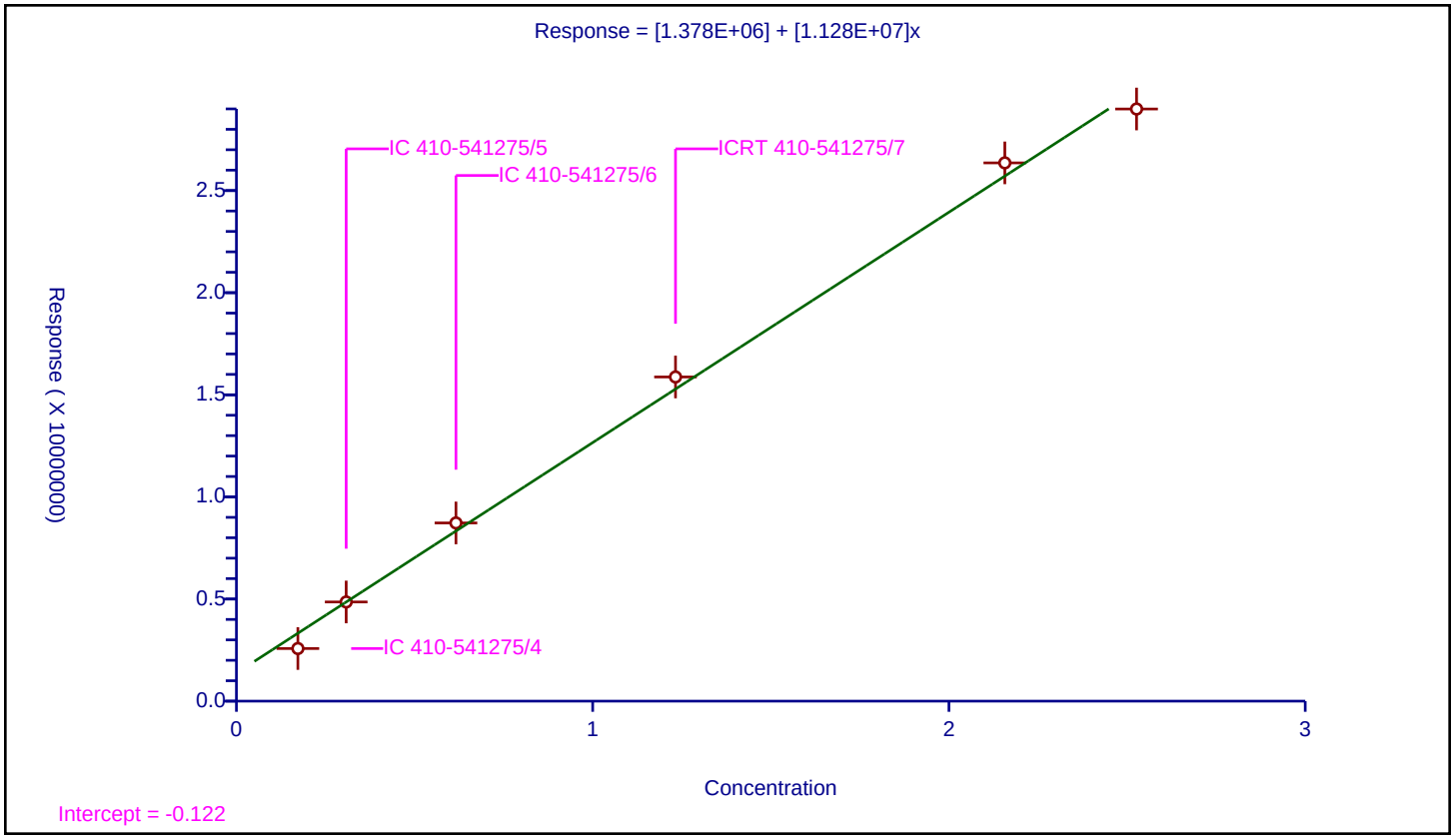
Curve Coefficients

Intercept:	1.378E+06
Slope:	1.128E+07

Error Coefficients

Relative Standard Deviation:	19.6

ID	Level	Concentration	Response	IS Amount	IS Response	RF	Used
1	IC 410-541275/4	0.17255	2576941.0			14934459.576934	Y
2	IC 410-541275/5	0.308125	4855533.0			15758322.109534	Y
3	IC 410-541275/6	0.61625	8725144.0			14158448.681542	Y
4	ICRT 410-541275/7	1.2325	15873458.0			12879073.427992	Y
5	IC 410-541275/8	2.156875	26357002.0			12219995.131846	Y
6	IC 410-541275/9	2.526625	28995328.0			11475912.729432	Y



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Calibration / 1,2-Dibromo-3-Chloropropane

Curve Type:	Linear
Weighting:	None
Origin:	None
Dependency:	Response
Calib Mode:	ESTD
Response Base:	HEIGHT
RF Rounding:	0

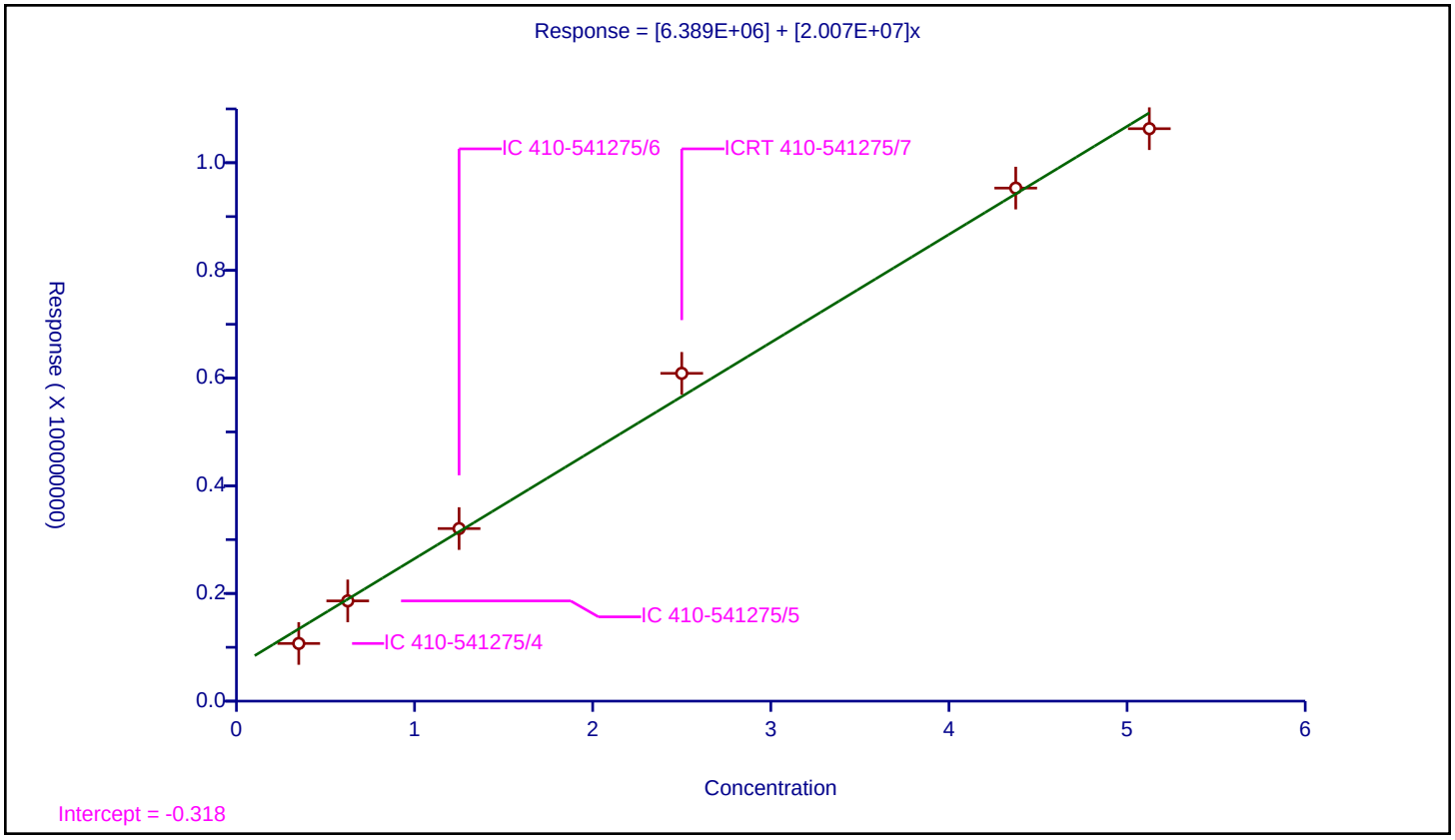
Curve Coefficients

Intercept:	6.389E+06
Slope:	2.007E+07

Error Coefficients

Relative Standard Deviation:	19.9

ID	Level	Concentration	Response	IS Amount	IS Response	RF	Used
1	IC 410-541275/4	0.35	10710667.0			30601905.714286	Y
2	IC 410-541275/5	0.625	18617188.0			29787500.8	Y
3	IC 410-541275/6	1.25	32052325.0			25641860.0	Y
4	ICRT 410-541275/7	2.5	60883836.0			24353534.4	Y
5	IC 410-541275/8	4.375	95293479.0			21781366.628571	Y
6	IC 410-541275/9	5.125	106322111.0			20745777.756098	Y



9/9/2024
1:05:41 PM

FORM VI
GC SEMI VOA BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
RETENTION TIME SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-309671-1 Analy Batch No.: 531918

SDG No.:

Instrument ID: 19853 GC Column: DB CLP1 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/24/2024 13:47 Calibration End Date: 07/24/2024 14:54 Calibration ID: 64097

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-531918/4	16EDBW24206001.004.D
Level 2	IC 410-531918/5	16EDBW24206001.005.D
Level 3	ICRT 410-531918/6	16EDBW24206001.006.D
Level 4	IC 410-531918/7	16EDBW24206001.007.D
Level 5	IC 410-531918/8	16EDBW24206001.008.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
Ethylene Dibromide	4.103	4.107	4.100	4.102	4.102						4.070 - 4.130	4.103
1,2-Dibromo-3-Chloropropane	8.548	8.548	8.550	8.548	8.548						8.520 - 8.580	8.548
1,1,2,2-Tetrachloroethane (Surr)	5.618	5.617	5.617	5.617	5.617						5.587 - 5.647	5.617

FORM VI
GC SEMI VOA BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-309671-1 Analy Batch No.: 531918

SDG No.:

Instrument ID: 19853 GC Column: DB CLP1 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/24/2024 13:47 Calibration End Date: 07/24/2024 14:54 Calibration ID: 64097

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-531918/4	16EDBW24206001.004.D
Level 2	IC 410-531918/5	16EDBW24206001.005.D
Level 3	ICRT 410-531918/6	16EDBW24206001.006.D
Level 4	IC 410-531918/7	16EDBW24206001.007.D
Level 5	IC 410-531918/8	16EDBW24206001.008.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
Ethylene Dibromide	26817621 27264696	23544938	27910993	28954261	Ave		26898501.7				7.6		10.0			
1,2-Dibromo-3-Chloropropane	80945754 69861836	66288979	66235055	77365645	Ave		72139453.9				9.3		10.0			
1,1,2,2-Tetrachloroethane (Surr)	32357560 32141474	30795440	31359404	30743194	Ave		31479414.4				2.4		10.0			

Note: The M1 coefficient is the same as Ave CF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC SEMI VOA BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-309671-1 Analy Batch No.: 531918

SDG No.:

Instrument ID: 19853 GC Column: DB CLP1 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/24/2024 13:47 Calibration End Date: 07/24/2024 14:54 Calibration ID: 64097

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-531918/4	16EDBW24206001.004.D
Level 2	IC 410-531918/5	16EDBW24206001.005.D
Level 3	ICRT 410-531918/6	16EDBW24206001.006.D
Level 4	IC 410-531918/7	16EDBW24206001.007.D
Level 5	IC 410-531918/8	16EDBW24206001.008.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
Ethylene Dibromide	Ave	9414326	14759733	69986814	127054916	170915561	0.351	0.627	2.51	4.39	6.27
1,2-Dibromo-3-Chloropropane	Ave	28331014	41430612	165587637	338474697	436636476	0.350	0.625	2.50	4.38	6.25
1,1,2,2-Tetrachloroethane (Surr)	Ave	5583297	9488845	38650465	66309226	99035918	0.173	0.308	1.23	2.16	3.08

Curve Type Legend:
Ave = Average by Height

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19853\20240724-120238.b\16EDBW24206001.004.D
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 24-Jul-2024 13:47:00 ALS Bottle#: 0 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: ic
Misc. Info.: 410-0120238-004
Operator ID: 120 Instrument ID: 19853
Sublist: chrom-8011_19853*sub1

Method: \\chromfs\Lancaster\ChromData\19853\20240724-120238.b\8011_19853.m
Limit Group: GCSV - 8011 Waters
Last Update: 25-Jul-2024 08:13:17 Calib Date: 24-Jul-2024 14:54:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19853\20240724-120238.b\16EDBW24206001.008.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1601

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	4.103	4.100	0.003	9414326H	0.3511	0.3500	
2	4.878	4.877	0.001	9051290H	0.3511	0.3762	
						RPD = 7.21	
$ 2 1,1,2,2-Tetrachloroethane							
1	5.618	5.617	0.001	5583297H	0.1726	0.1774	
2	6.563	6.565	-0.002	4845909H	0.1726	0.1917	
						RPD = 7.79	
3 1,2-Dibromo-3-Chloropropane							
1	8.548	8.550	-0.002	28331014H	0.3500	0.3927	
2	9.258	9.258	0.000	24017483H	0.3500	0.3717	
						RPD = 5.51	

Reagents:

GCS_EDB1_00017 Amount Added: 1.00 Units: mL

Report Date: 25-Jul-2024 08:13:17 Chrom Revision: 2.3 16-Jul-2024 14:17:34

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19853\20240724-120238.b\16EDBW24206001.004.D

Injection Date: 24-Jul-2024 13:47:00 Instrument ID: 19853

Lims ID: ic

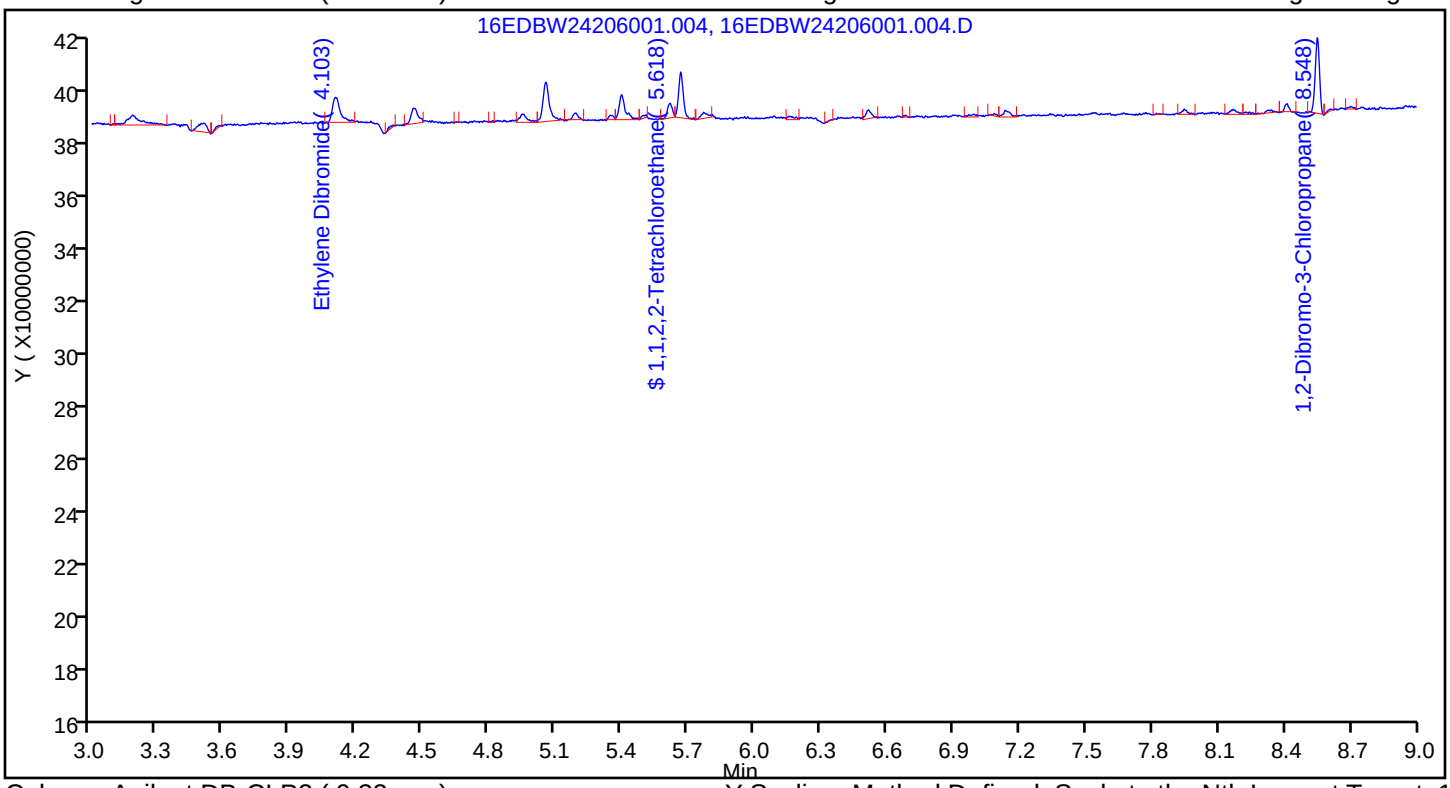
Client ID:

Operator ID: 120 ALS Bottle#: 0 Worklist Smp#: 4

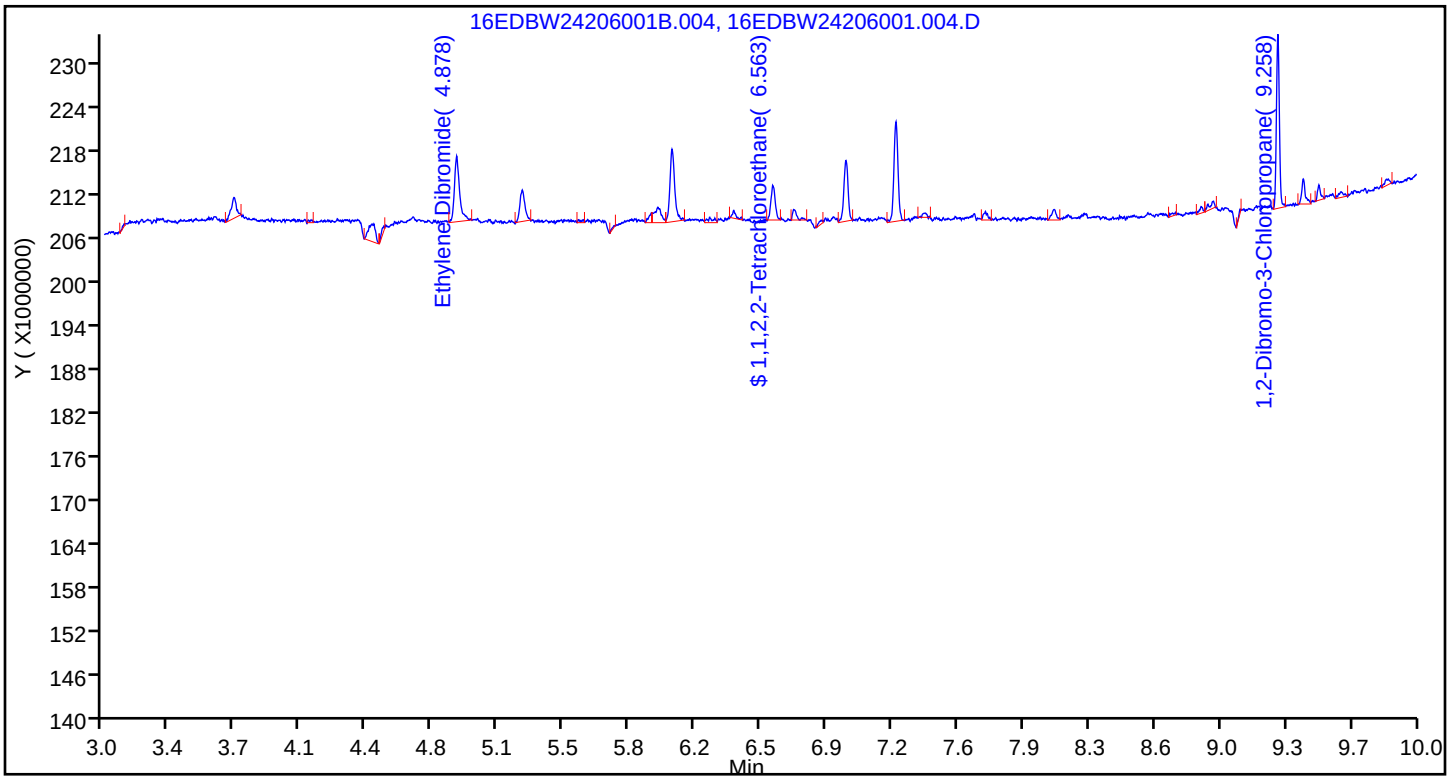
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19853 Limit Group: GCSV - 8011 Waters

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19853\20240724-120238.b\16EDBW24206001.005.D
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 24-Jul-2024 14:03:00 ALS Bottle#: 0 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: ic
Misc. Info.: 410-0120238-005
Operator ID: 120 Instrument ID: 19853
Sublist: chrom-8011_19853*sub1

Method: \\chromfs\Lancaster\ChromData\19853\20240724-120238.b\8011_19853.m
Limit Group: GCSV - 8011 Waters
Last Update: 25-Jul-2024 08:13:18 Calib Date: 24-Jul-2024 14:54:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19853\20240724-120238.b\16EDBW24206001.008.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1601

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	4.107	4.100	0.007	14759733H	0.6269	0.5487	
2	4.878	4.877	0.001	14155043H	0.6269	0.5883	
						RPD = 6.96	
$ 2 1,1,2,2-Tetrachloroethane							
1	5.617	5.617	0.000	9488845H	0.3081	0.3014	
2	6.565	6.565	0.000	7531513H	0.3081	0.2980	
						RPD = 1.14	
3 1,2-Dibromo-3-Chloropropane							
1	8.548	8.550	-0.002	41430612H	0.6250	0.5743	
2	9.258	9.258	0.000	37918873H	0.6250	0.5868	
						RPD = 2.14	

Reagents:

GCS_EDB2_00017 Amount Added: 1.00 Units: mL

Report Date: 25-Jul-2024 08:13:19 Chrom Revision: 2.3 16-Jul-2024 14:17:34

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19853\20240724-120238.b\16EDBW24206001.005.D

Injection Date: 24-Jul-2024 14:03:00 Instrument ID: 19853

Lims ID: ic

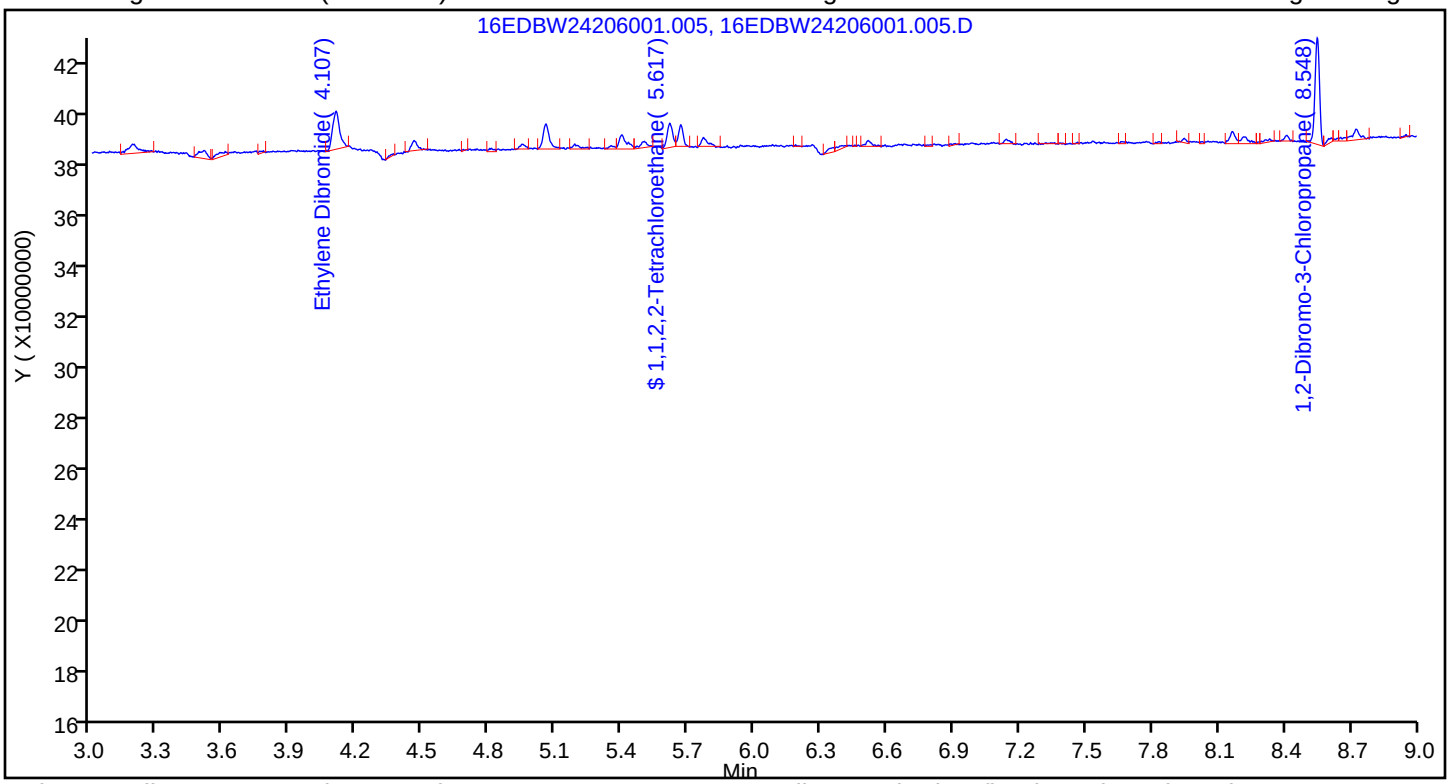
Client ID:

Operator ID: 120 ALS Bottle#: 0 Worklist Smp#: 5

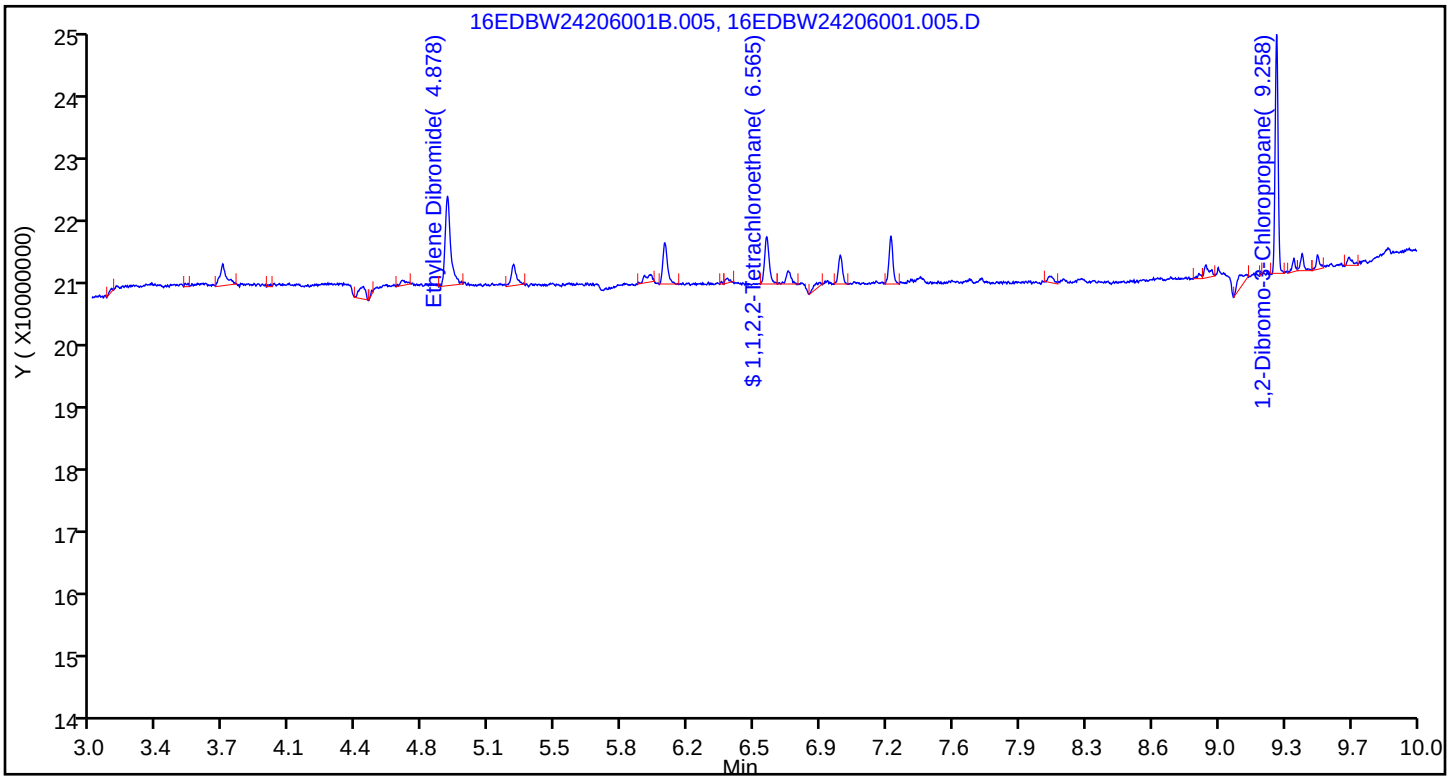
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19853 Limit Group: GCSV - 8011 Waters

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



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Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19853\20240724-120238.b\16EDBW24206001.006.D
Lims ID: icrt
Client ID:
Sample Type: ICRT Calib Level: 3
Inject. Date: 24-Jul-2024 14:20:00 ALS Bottle#: 0 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: icrt
Misc. Info.: 410-0120238-006
Operator ID: 120 Instrument ID: 19853
Sublist: chrom-8011_19853*sub1

Method: \\chromfs\Lancaster\ChromData\19853\20240724-120238.b\8011_19853.m
Limit Group: GCSV - 8011 Waters
Last Update: 25-Jul-2024 08:13:20 Calib Date: 24-Jul-2024 14:54:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19853\20240724-120238.b\16EDBW24206001.008.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1601

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	4.100	4.100	0.000	69986814H	2.51	2.60	
2	4.877	4.877	0.000	57094126H	2.51	2.37	
						RPD = 9.21	
$ 2 1,1,2,2-Tetrachloroethane							
1	5.617	5.617	0.000	38650465H	1.23	1.23	
2	6.565	6.565	0.000	30264739H	1.23	1.20	
						RPD = 2.49	
3 1,2-Dibromo-3-Chloropropane							
1	8.550	8.550	0.000	165587637H	2.50	2.30	
2	9.258	9.258	0.000	151151519H	2.50	2.34	
						RPD = 1.88	

Reagents:

GCS_EDB4_00037 Amount Added: 1.00 Units: mL

Report Date: 25-Jul-2024 08:13:20 Chrom Revision: 2.3 16-Jul-2024 14:17:34

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19853\20240724-120238.b\16EDBW24206001.006.D

Injection Date: 24-Jul-2024 14:20:00 Instrument ID: 19853

Lims ID: icrt

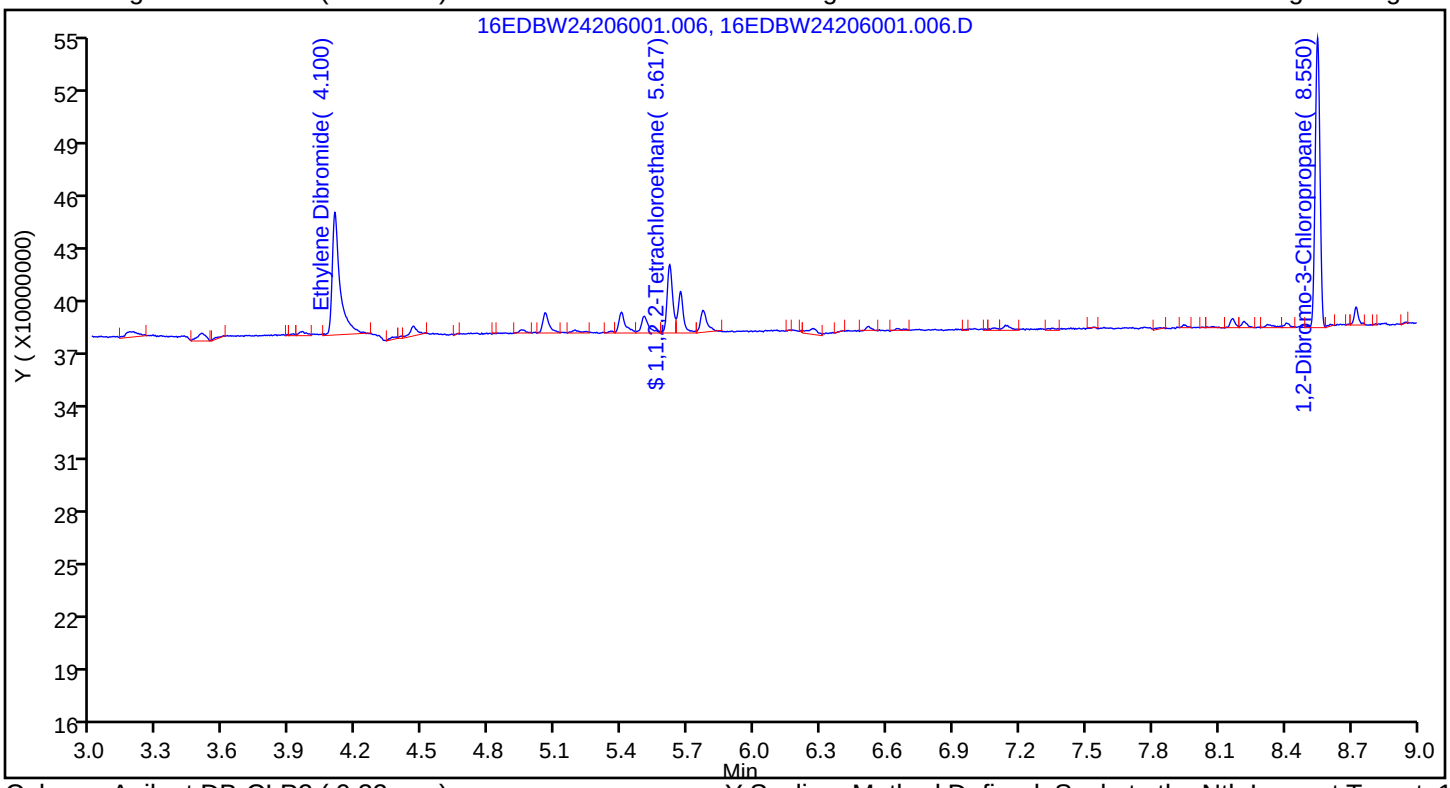
Client ID:

Operator ID: 120 ALS Bottle#: 0 Worklist Smp#: 6

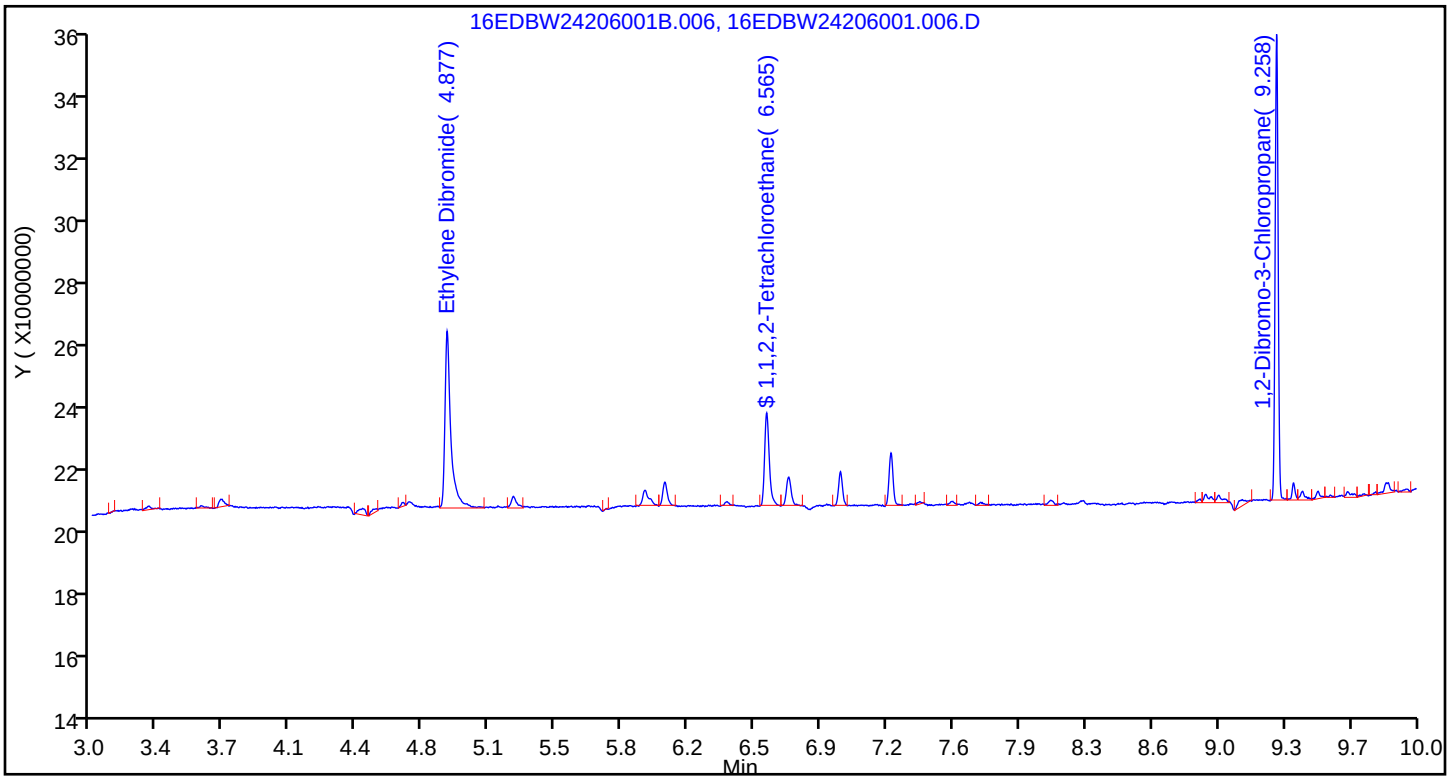
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19853 Limit Group: GCSV - 8011 Waters

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19853\20240724-120238.b\16EDBW24206001.007.D
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 24-Jul-2024 14:37:00 ALS Bottle#: 0 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: ic
Misc. Info.: 410-0120238-007
Operator ID: 120 Instrument ID: 19853
Sublist: chrom-8011_19853*sub1

Method: \\chromfs\Lancaster\ChromData\19853\20240724-120238.b\8011_19853.m
Limit Group: GCSV - 8011 Waters
Last Update: 25-Jul-2024 08:13:22 Calib Date: 24-Jul-2024 14:54:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19853\20240724-120238.b\16EDBW24206001.008.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1601

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	4.102	4.100	0.002	127054916H	4.39	4.72	
2	4.877	4.877	0.000	110501765H	4.39	4.59	
						RPD = 2.81	
$ 2 1,1,2,2-Tetrachloroethane							
1	5.617	5.617	0.000	66309226H	2.16	2.11	
2	6.565	6.565	0.000	51573216H	2.16	2.04	
						RPD = 3.17	
3 1,2-Dibromo-3-Chloropropane							
1	8.548	8.550	-0.002	338474697H	4.38	4.69	
2	9.258	9.258	0.000	301348947H	4.38	4.66	
						RPD = 0.62	

Reagents:

GCS_EDB5_00019 Amount Added: 1.00 Units: mL

Report Date: 25-Jul-2024 08:13:22 Chrom Revision: 2.3 16-Jul-2024 14:17:34

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19853\20240724-120238.b\16EDBW24206001.007.D

Injection Date: 24-Jul-2024 14:37:00 Instrument ID: 19853

Lims ID: ic

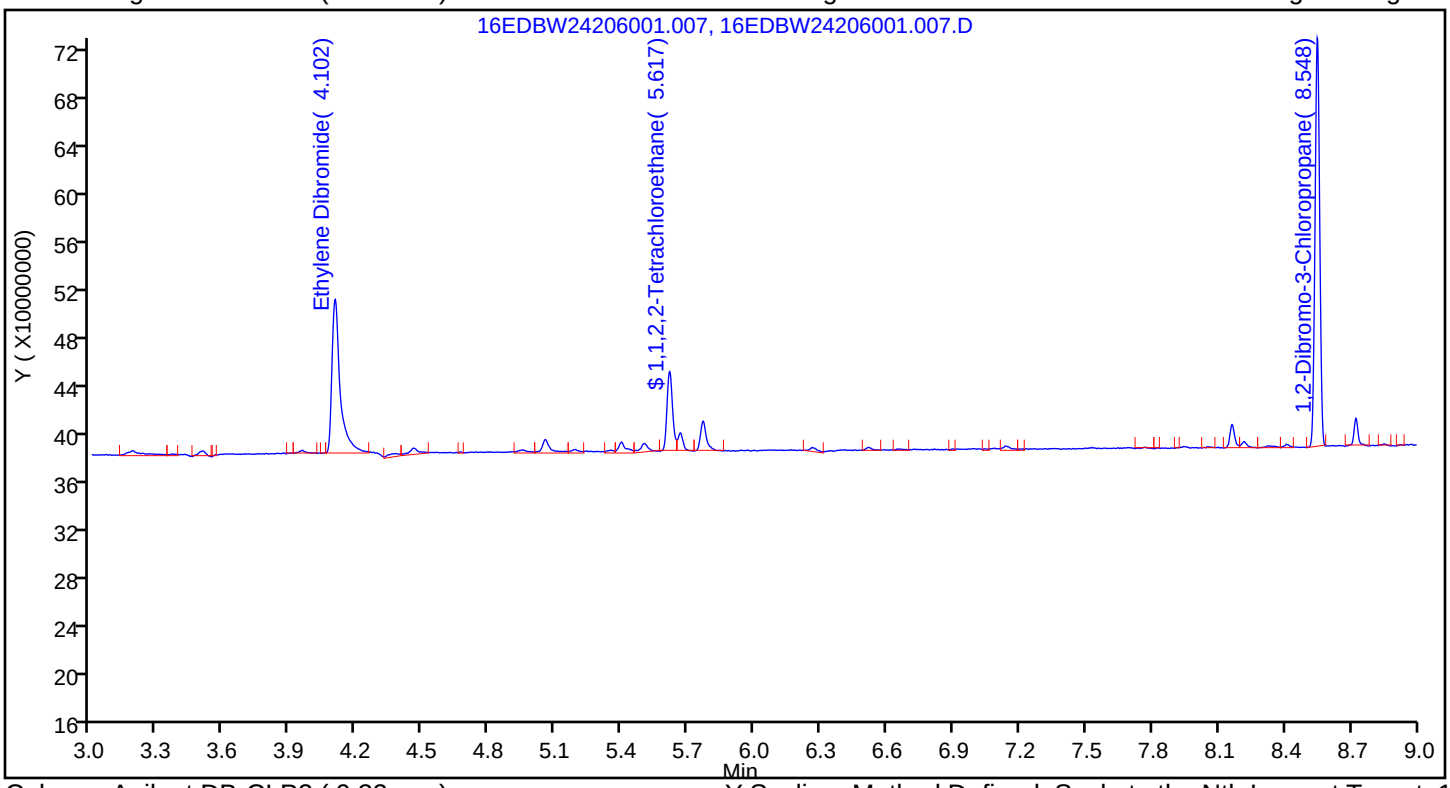
Client ID:

Operator ID: 120 ALS Bottle#: 0 Worklist Smp#: 7

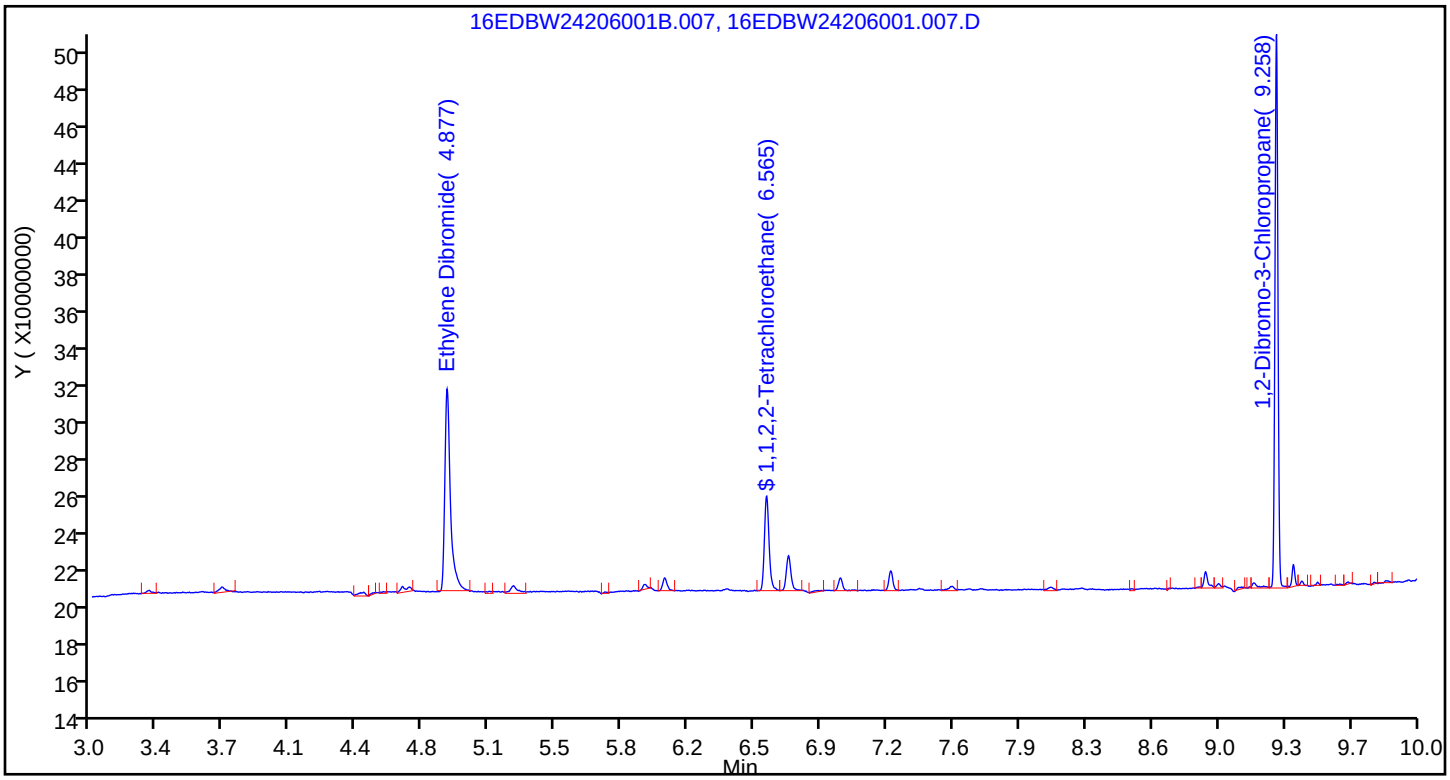
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19853 Limit Group: GCSV - 8011 Waters

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19853\20240724-120238.b\16EDBW24206001.008.D
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 24-Jul-2024 14:54:00 ALS Bottle#: 0 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: ic
Misc. Info.: 410-0120238-008
Operator ID: 120 Instrument ID: 19853
Sublist: chrom-8011_19853*sub1

Method: \\chromfs\Lancaster\ChromData\19853\20240724-120238.b\8011_19853.m
Limit Group: GCSV - 8011 Waters
Last Update: 25-Jul-2024 08:13:23 Calib Date: 24-Jul-2024 14:54:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19853\20240724-120238.b\16EDBW24206001.008.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1601

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	4.102	4.100	0.002	170915561H	6.27	6.35	
2	4.877	4.877	0.000	150414409H	6.27	6.25	
						RPD = 1.63	
$ 2 1,1,2,2-Tetrachloroethane							
1	5.617	5.617	0.000	99035918H	3.08	3.15	
2	6.563	6.565	-0.002	78161985H	3.08	3.09	
						RPD = 1.71	
3 1,2-Dibromo-3-Chloropropane							
1	8.548	8.550	-0.002	436636476H	6.25	6.05	
2	9.258	9.258	0.000	403040812H	6.25	6.24	
						RPD = 3.00	

Reagents:

GCS_EDB6_00017 Amount Added: 1.00 Units: mL

Report Date: 25-Jul-2024 08:13:23 Chrom Revision: 2.3 16-Jul-2024 14:17:34

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19853\20240724-120238.b\16EDBW24206001.008.D

Injection Date: 24-Jul-2024 14:54:00 Instrument ID: 19853

Lims ID: ic

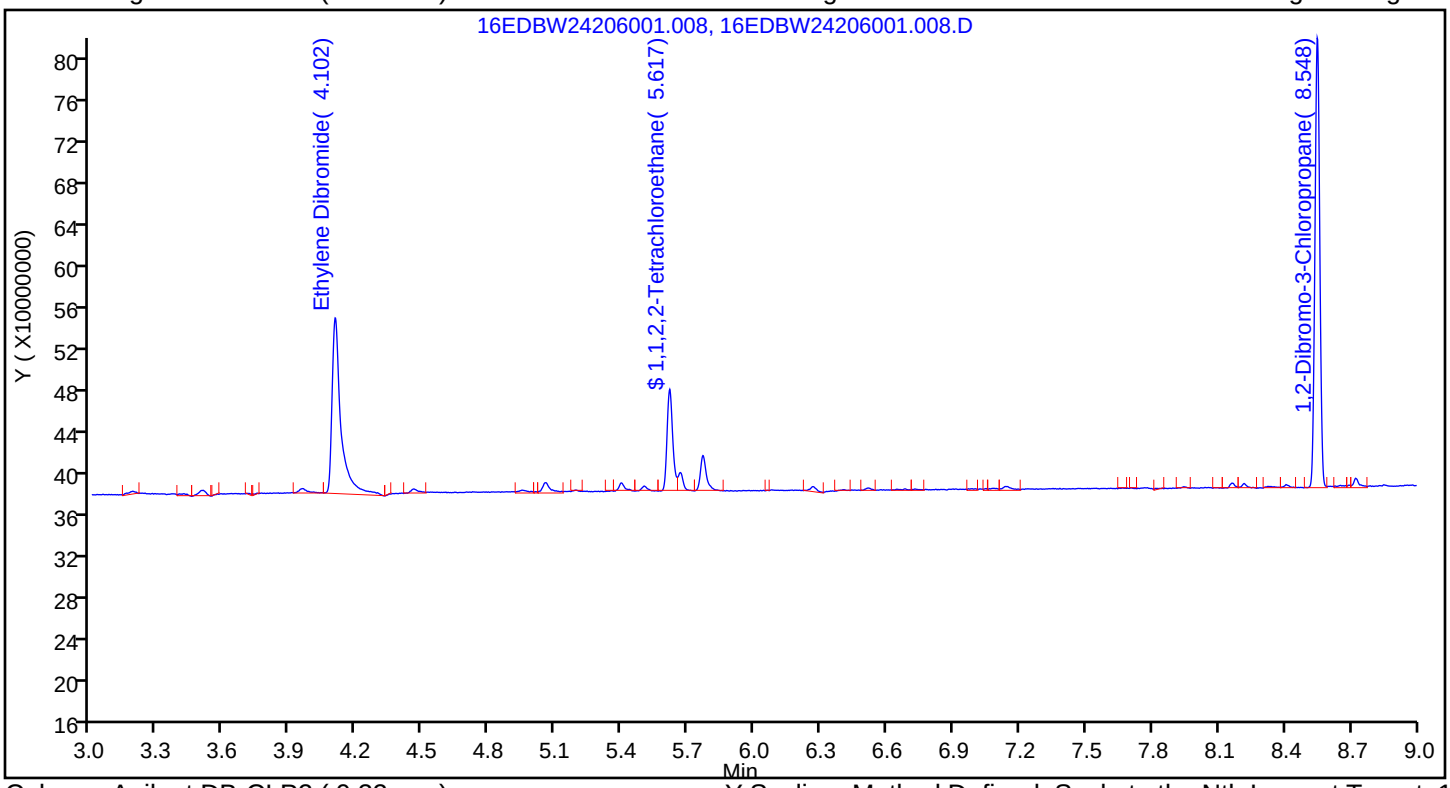
Client ID:

Operator ID: 120 ALS Bottle#: 0 Worklist Smp#: 8

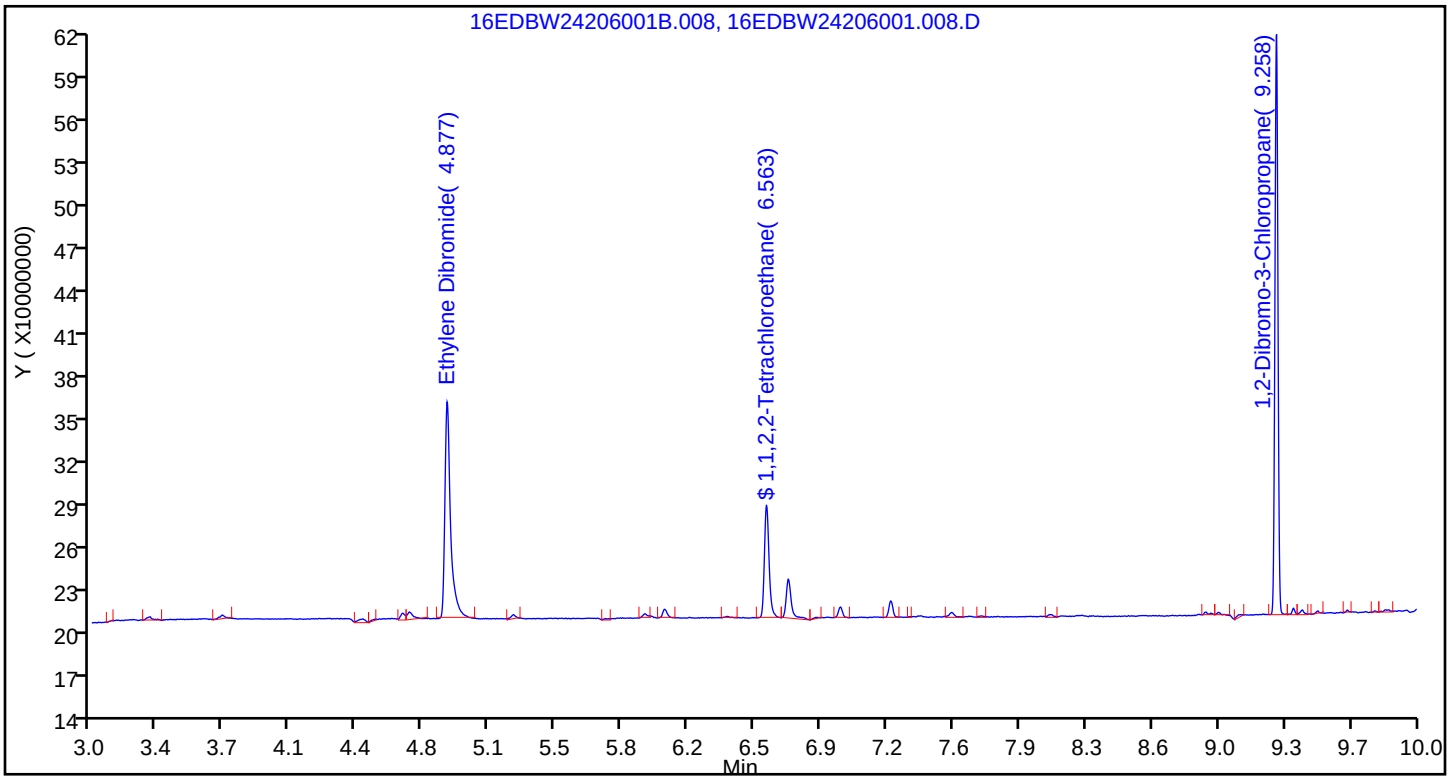
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19853 Limit Group: GCSV - 8011 Waters

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Calibration / Ethylene Dibromide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ESTD
Response Base:	HEIGHT
RF Rounding:	0

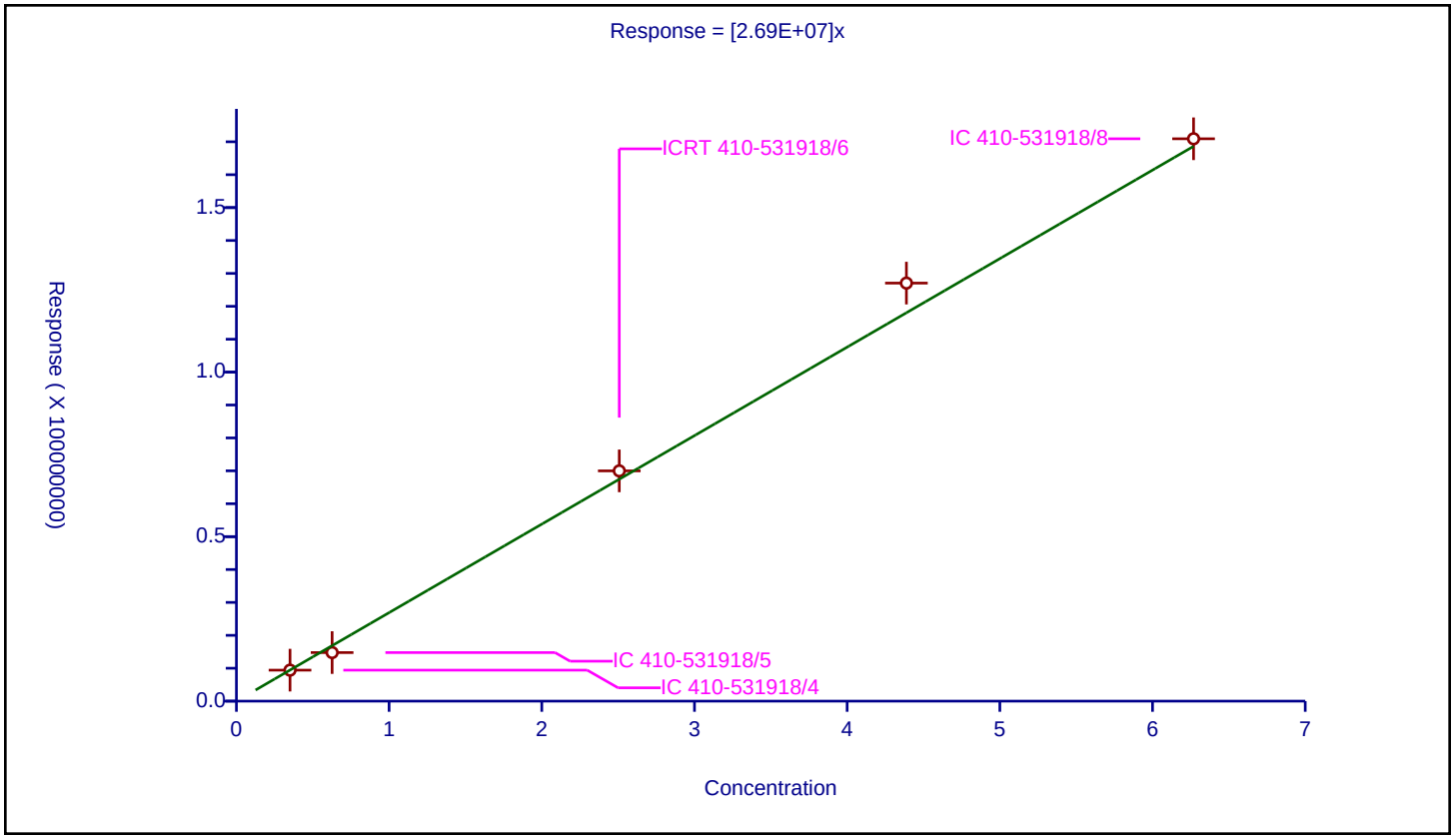
Curve Coefficients

Intercept:	0
Slope:	2.69E+07

Error Coefficients

Relative Standard Deviation:	7.6

ID	Level	Concentration	Response	IS Amount	IS Response	RF	Used
1	IC 410-531918/4	0.35105	9414326.0			26817621.42145	Y
2	IC 410-531918/5	0.626875	14759733.0			23544937.986042	Y
3	ICRT 410-531918/6	2.5075	69986814.0			27910992.622134	Y
4	IC 410-531918/7	4.388125	127054916.0			28954260.874519	Y
5	IC 410-531918/8	6.26875	170915561.0			27264695.672981	Y



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Calibration / 1,1,2,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ESTD
Response Base:	HEIGHT
RF Rounding:	0

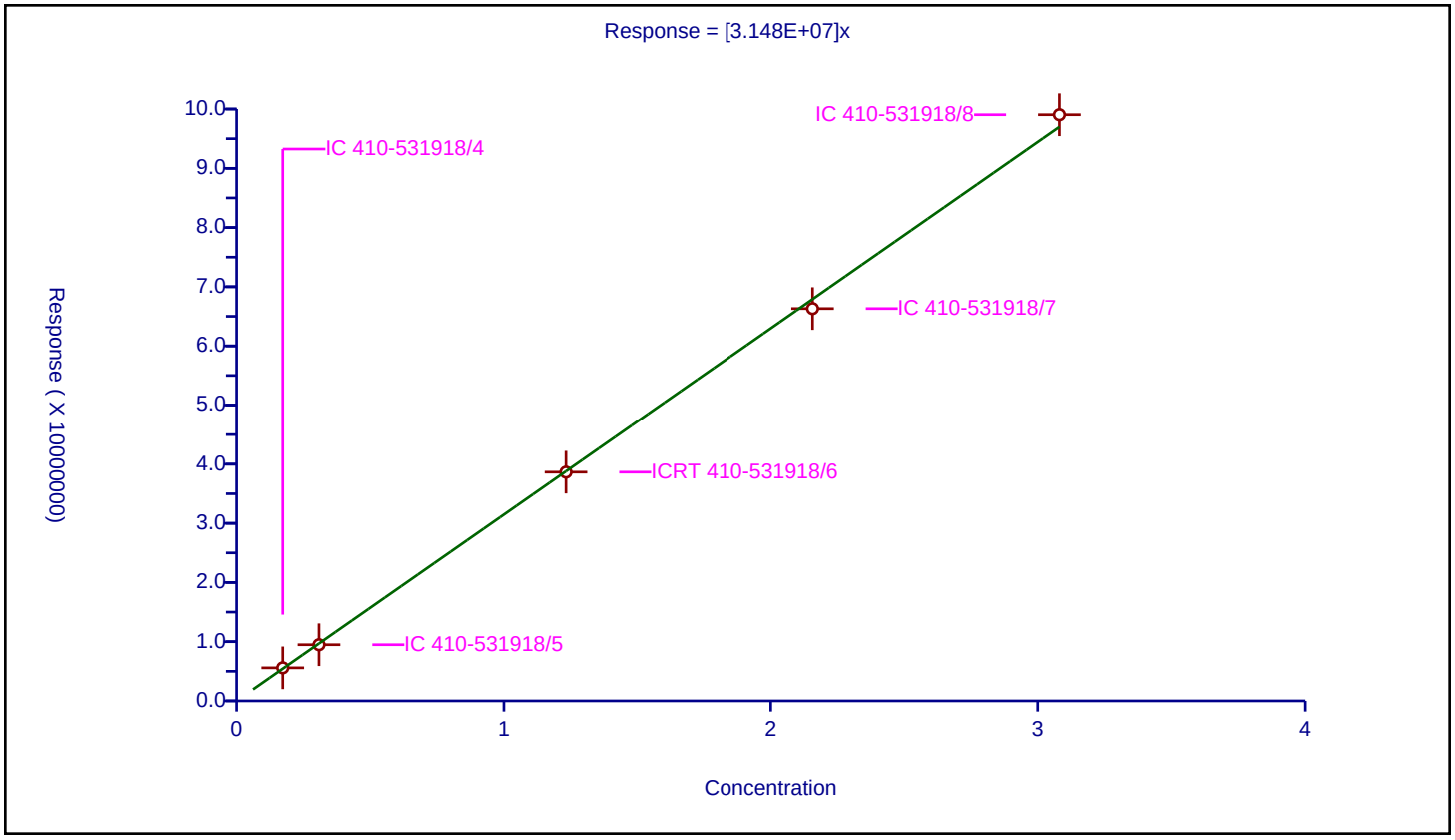
Curve Coefficients

Intercept:	0
Slope:	3.148E+07

Error Coefficients

Relative Standard Deviation:	2.4

ID	Level	Concentration	Response	IS Amount	IS Response	RF	Used
1	IC 410-531918/4	0.17255	5583297.0			32357560.127499	Y
2	IC 410-531918/5	0.308125	9488845.0			30795440.162272	Y
3	ICRT 410-531918/6	1.2325	38650465.0			31359403.651116	Y
4	IC 410-531918/7	2.156875	66309226.0			30743193.740945	Y
5	IC 410-531918/8	3.08125	99035918.0			32141474.401623	Y



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Calibration / 1,2-Dibromo-3-Chloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ESTD
Response Base:	HEIGHT
RF Rounding:	0

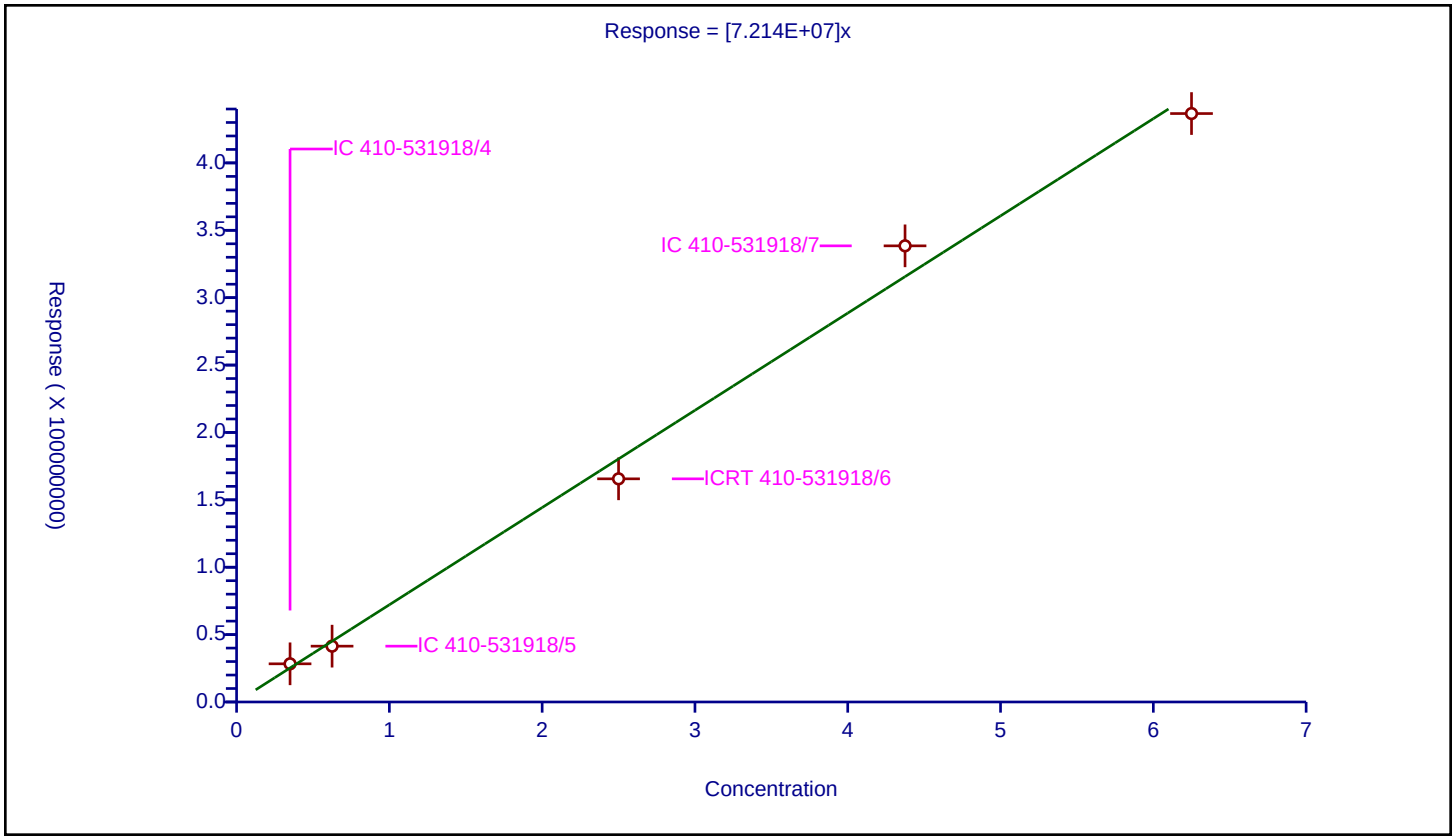
Curve Coefficients

Intercept:	0
Slope:	7.214E+07

Error Coefficients

Relative Standard Deviation:	9.3

ID	Level	Concentration	Response	IS Amount	IS Response	RF	Used
1	IC 410-531918/4	0.35	28331014.0			80945754.285714	Y
2	IC 410-531918/5	0.625	41430612.0			66288979.2	Y
3	ICRT 410-531918/6	2.5	165587637.0			66235054.8	Y
4	IC 410-531918/7	4.375	338474697.0			77365645.028571	Y
5	IC 410-531918/8	6.25	436636476.0			69861836.16	Y



9/9/2024
1:05:41 PM

FORM VI
GC SEMI VOA BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
RETENTION TIME SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-309671-1 Analy Batch No.: 531918

SDG No.:

Instrument ID: 19853 GC Column: DB CLP2 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/24/2024 13:47 Calibration End Date: 07/24/2024 14:54 Calibration ID: 64098

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-531918/4	16EDBW24206001.004.D
Level 2	IC 410-531918/5	16EDBW24206001.005.D
Level 3	ICRT 410-531918/6	16EDBW24206001.006.D
Level 4	IC 410-531918/7	16EDBW24206001.007.D
Level 5	IC 410-531918/8	16EDBW24206001.008.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
Ethylene Dibromide	4.878	4.878	4.877	4.877	4.877						4.847 - 4.907	4.877
1,2-Dibromo-3-Chloropropane	9.258	9.258	9.258	9.258	9.258						9.228 - 9.288	9.258
1,1,2,2-Tetrachloroethane (Surr)	6.563	6.565	6.565	6.565	6.563						6.535 - 6.595	6.564

FORM VI
GC SEMI VOA BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-309671-1 Analy Batch No.: 531918

SDG No.:

Instrument ID: 19853 GC Column: DB CLP2 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/24/2024 13:47 Calibration End Date: 07/24/2024 14:54 Calibration ID: 64098

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-531918/4	16EDBW24206001.004.D
Level 2	IC 410-531918/5	16EDBW24206001.005.D
Level 3	ICRT 410-531918/6	16EDBW24206001.006.D
Level 4	IC 410-531918/7	16EDBW24206001.007.D
Level 5	IC 410-531918/8	16EDBW24206001.008.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
Ethylene Dibromide	25783478 23994322	22580328	22769342	25182000	Ave		24061894.2				5.9		10.0			
1,2-Dibromo-3-Chloropropane	68621380 64486530	60670197	60460608	68879759	Ave		64623694.7				6.3		10.0			
1,1,2,2-Tetrachloroethane (Surr)	28084086 25366973	24443044	24555569	23911082	Ave		25272150.9				6.6		10.0			

Note: The M1 coefficient is the same as Ave CF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC SEMI VOA BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-309671-1 Analy Batch No.: 531918

SDG No.:

Instrument ID: 19853 GC Column: DB CLP2 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/24/2024 13:47 Calibration End Date: 07/24/2024 14:54 Calibration ID: 64098

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-531918/4	16EDBW24206001.004.D
Level 2	IC 410-531918/5	16EDBW24206001.005.D
Level 3	ICRT 410-531918/6	16EDBW24206001.006.D
Level 4	IC 410-531918/7	16EDBW24206001.007.D
Level 5	IC 410-531918/8	16EDBW24206001.008.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
Ethylene Dibromide	Ave	9051290	14155043	57094126	110501765	150414409	0.351	0.627	2.51	4.39	6.27
1,2-Dibromo-3-Chloropropane	Ave	24017483	37918873	151151519	301348947	403040812	0.350	0.625	2.50	4.38	6.25
1,1,2,2-Tetrachloroethane (Surr)	Ave	4845909	7531513	30264739	51573216	78161985	0.173	0.308	1.23	2.16	3.08

Curve Type Legend:
Ave = Average by Height

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19853\20240724-120238.b\16EDBW24206001.004.D
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 24-Jul-2024 13:47:00 ALS Bottle#: 0 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: ic
Misc. Info.: 410-0120238-004
Operator ID: 120 Instrument ID: 19853
Sublist: chrom-8011_19853*sub1

Method: \\chromfs\Lancaster\ChromData\19853\20240724-120238.b\8011_19853.m
Limit Group: GCSV - 8011 Waters
Last Update: 25-Jul-2024 08:13:17 Calib Date: 24-Jul-2024 14:54:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19853\20240724-120238.b\16EDBW24206001.008.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1601

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	4.103	4.100	0.003	9414326H	0.3511	0.3500	
2	4.878	4.877	0.001	9051290H	0.3511	0.3762	
						RPD = 7.21	
$ 2 1,1,2,2-Tetrachloroethane							
1	5.618	5.617	0.001	5583297H	0.1726	0.1774	
2	6.563	6.565	-0.002	4845909H	0.1726	0.1917	
						RPD = 7.79	
3 1,2-Dibromo-3-Chloropropane							
1	8.548	8.550	-0.002	28331014H	0.3500	0.3927	
2	9.258	9.258	0.000	24017483H	0.3500	0.3717	
						RPD = 5.51	

Reagents:

GCS_EDB1_00017 Amount Added: 1.00 Units: mL

Report Date: 25-Jul-2024 08:13:17 Chrom Revision: 2.3 16-Jul-2024 14:17:34

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19853\20240724-120238.b\16EDBW24206001.004.D

Injection Date: 24-Jul-2024 13:47:00 Instrument ID: 19853

Lims ID: ic

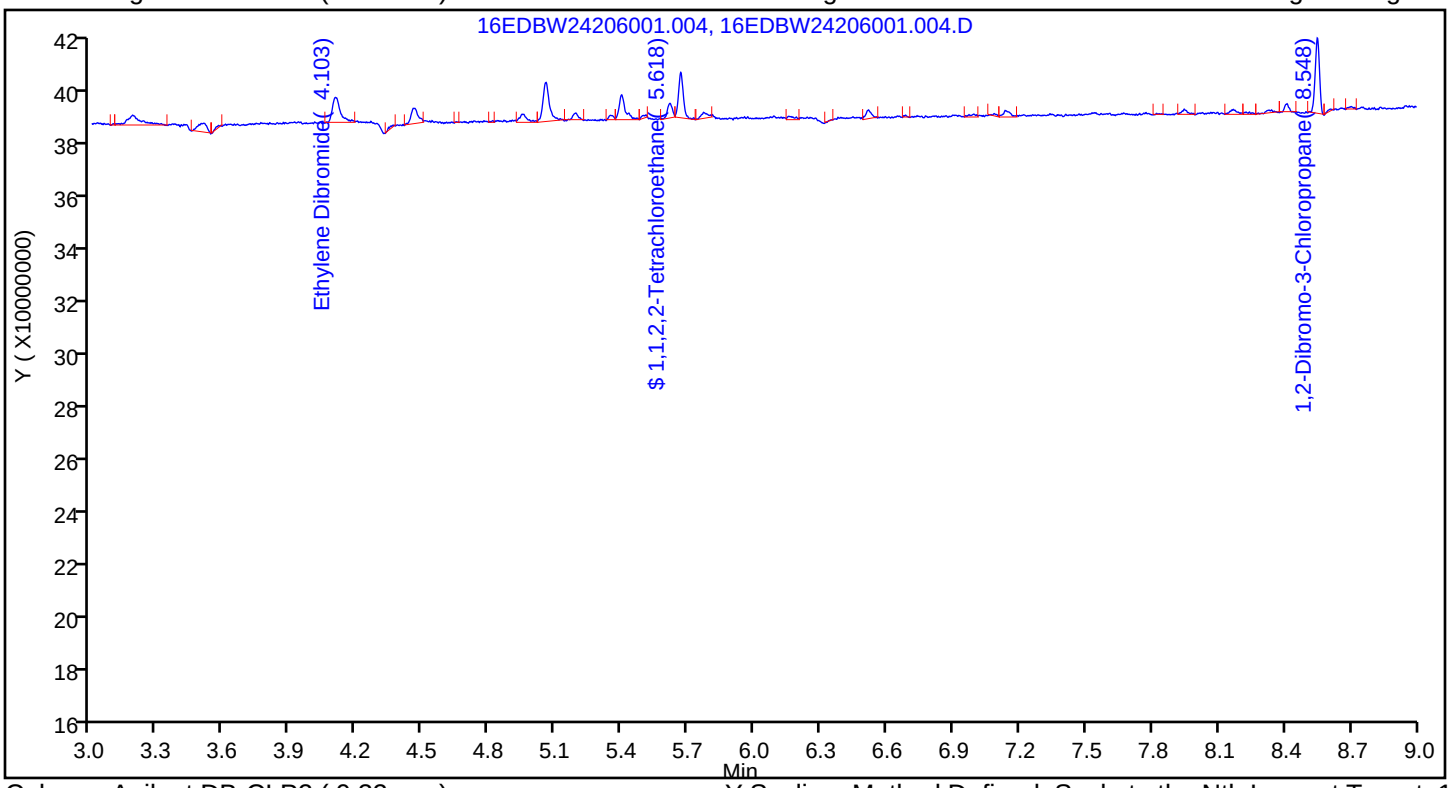
Client ID:

Operator ID: 120 ALS Bottle#: 0 Worklist Smp#: 4

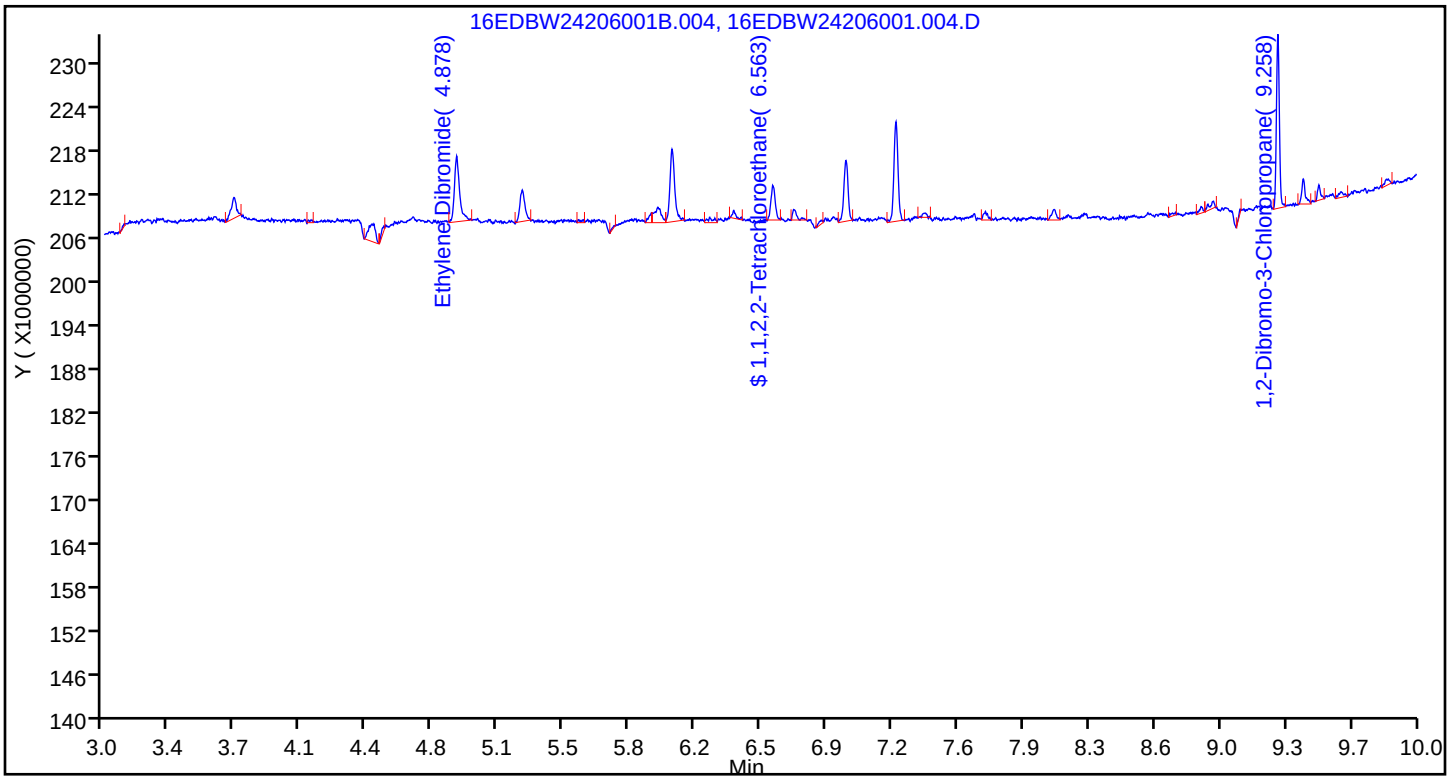
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19853 Limit Group: GCSV - 8011 Waters

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19853\20240724-120238.b\16EDBW24206001.005.D
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 24-Jul-2024 14:03:00 ALS Bottle#: 0 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: ic
Misc. Info.: 410-0120238-005
Operator ID: 120 Instrument ID: 19853
Sublist: chrom-8011_19853*sub1

Method: \\chromfs\Lancaster\ChromData\19853\20240724-120238.b\8011_19853.m
Limit Group: GCSV - 8011 Waters
Last Update: 25-Jul-2024 08:13:18 Calib Date: 24-Jul-2024 14:54:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19853\20240724-120238.b\16EDBW24206001.008.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1601

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	4.107	4.100	0.007	14759733H	0.6269	0.5487	
2	4.878	4.877	0.001	14155043H	0.6269	0.5883	
						RPD = 6.96	
$ 2 1,1,2,2-Tetrachloroethane							
1	5.617	5.617	0.000	9488845H	0.3081	0.3014	
2	6.565	6.565	0.000	7531513H	0.3081	0.2980	
						RPD = 1.14	
3 1,2-Dibromo-3-Chloropropane							
1	8.548	8.550	-0.002	41430612H	0.6250	0.5743	
2	9.258	9.258	0.000	37918873H	0.6250	0.5868	
						RPD = 2.14	

Reagents:

GCS_EDB2_00017 Amount Added: 1.00 Units: mL

Report Date: 25-Jul-2024 08:13:19 Chrom Revision: 2.3 16-Jul-2024 14:17:34

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19853\20240724-120238.b\16EDBW24206001.005.D

Injection Date: 24-Jul-2024 14:03:00 Instrument ID: 19853

Lims ID: ic

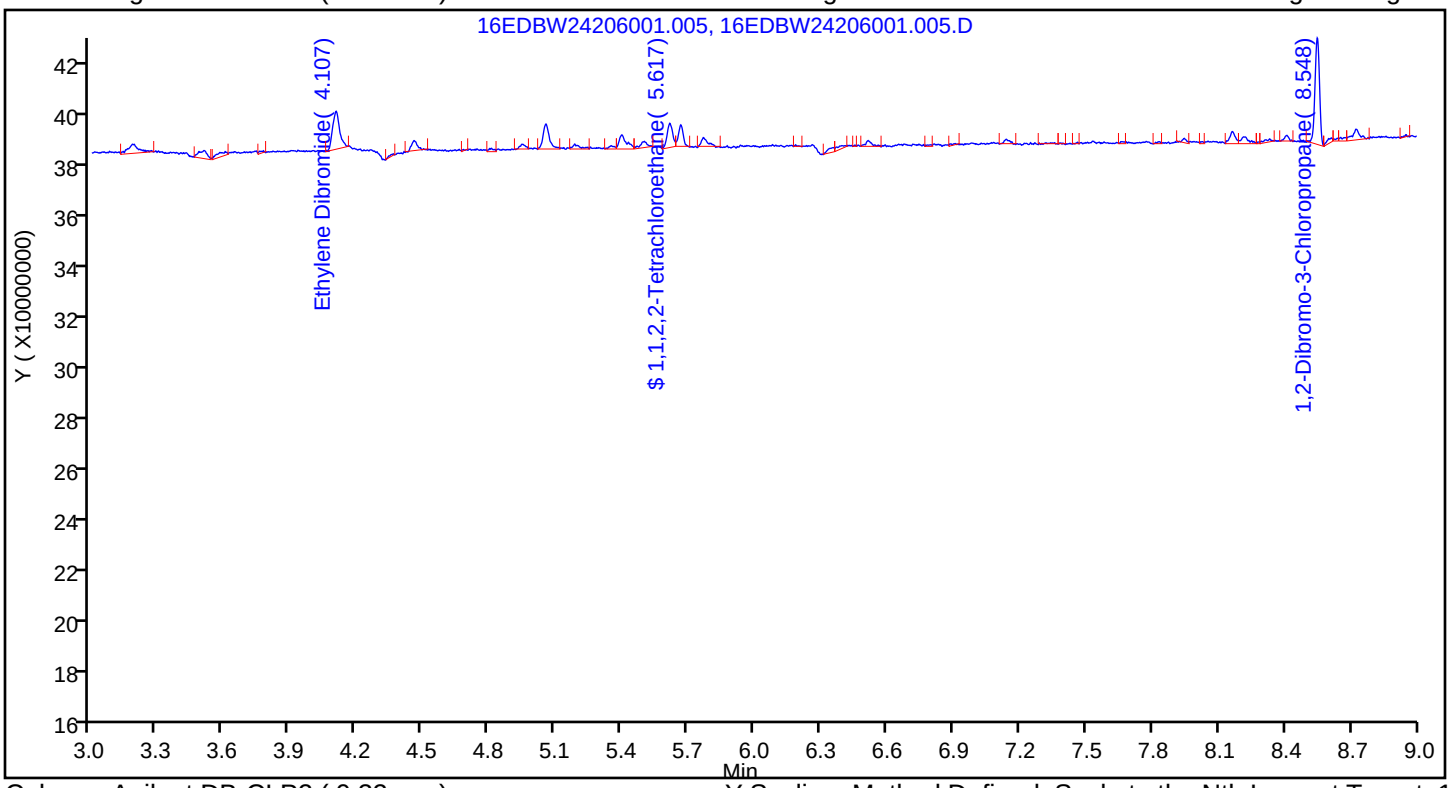
Client ID:

Operator ID: 120 ALS Bottle#: 0 Worklist Smp#: 5

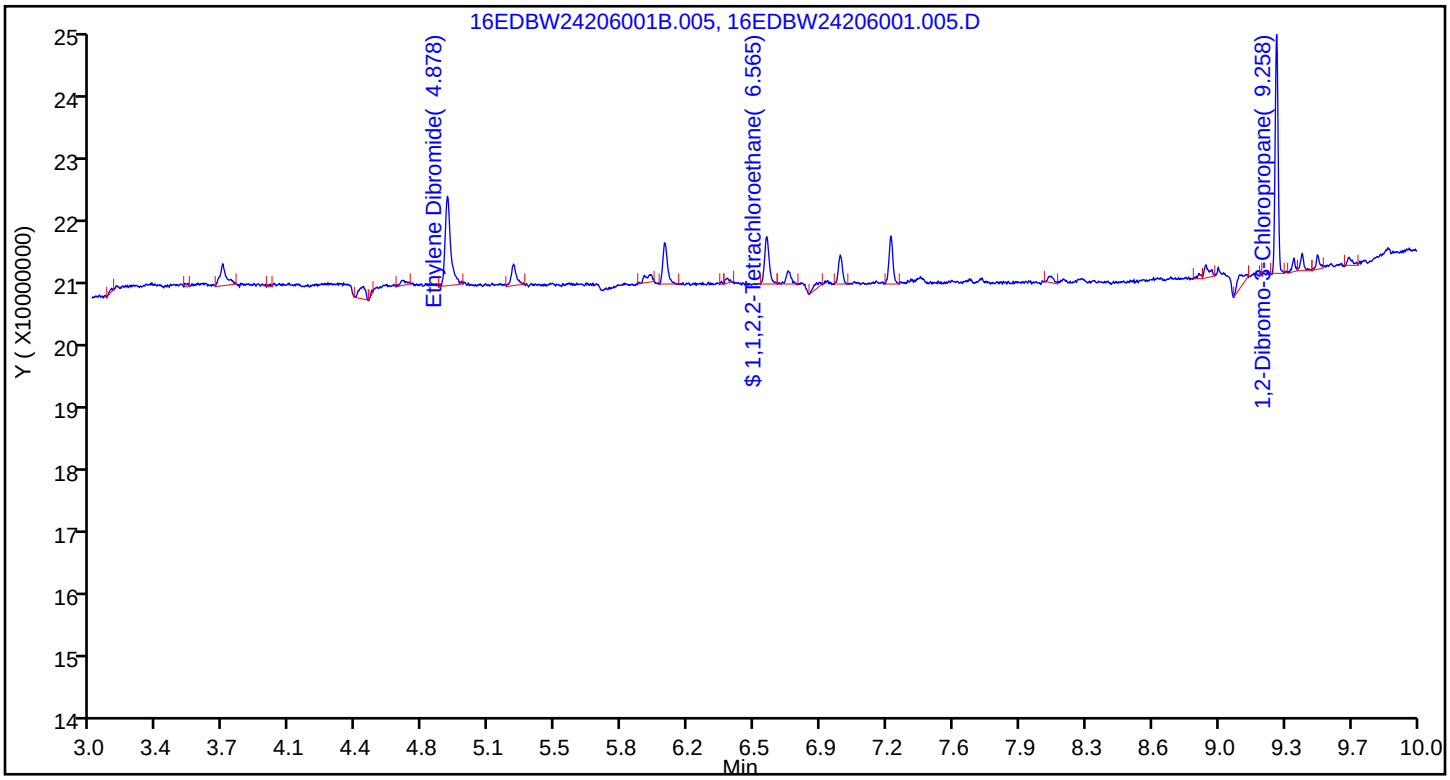
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19853 Limit Group: GCSV - 8011 Waters

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



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Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19853\20240724-120238.b\16EDBW24206001.006.D
Lims ID: icrt
Client ID:
Sample Type: ICRT Calib Level: 3
Inject. Date: 24-Jul-2024 14:20:00 ALS Bottle#: 0 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: icrt
Misc. Info.: 410-0120238-006
Operator ID: 120 Instrument ID: 19853
Sublist: chrom-8011_19853*sub1

Method: \\chromfs\Lancaster\ChromData\19853\20240724-120238.b\8011_19853.m
Limit Group: GCSV - 8011 Waters
Last Update: 25-Jul-2024 08:13:20 Calib Date: 24-Jul-2024 14:54:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19853\20240724-120238.b\16EDBW24206001.008.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1601

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	4.100	4.100	0.000	69986814H	2.51	2.60	
2	4.877	4.877	0.000	57094126H	2.51	2.37	
						RPD = 9.21	
$ 2 1,1,2,2-Tetrachloroethane							
1	5.617	5.617	0.000	38650465H	1.23	1.23	
2	6.565	6.565	0.000	30264739H	1.23	1.20	
						RPD = 2.49	
3 1,2-Dibromo-3-Chloropropane							
1	8.550	8.550	0.000	165587637H	2.50	2.30	
2	9.258	9.258	0.000	151151519H	2.50	2.34	
						RPD = 1.88	

Reagents:

GCS_EDB4_00037 Amount Added: 1.00 Units: mL

Report Date: 25-Jul-2024 08:13:21 Chrom Revision: 2.3 16-Jul-2024 14:17:34

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19853\20240724-120238.b\16EDBW24206001.006.D

Injection Date: 24-Jul-2024 14:20:00 Instrument ID: 19853

Lims ID: icrt

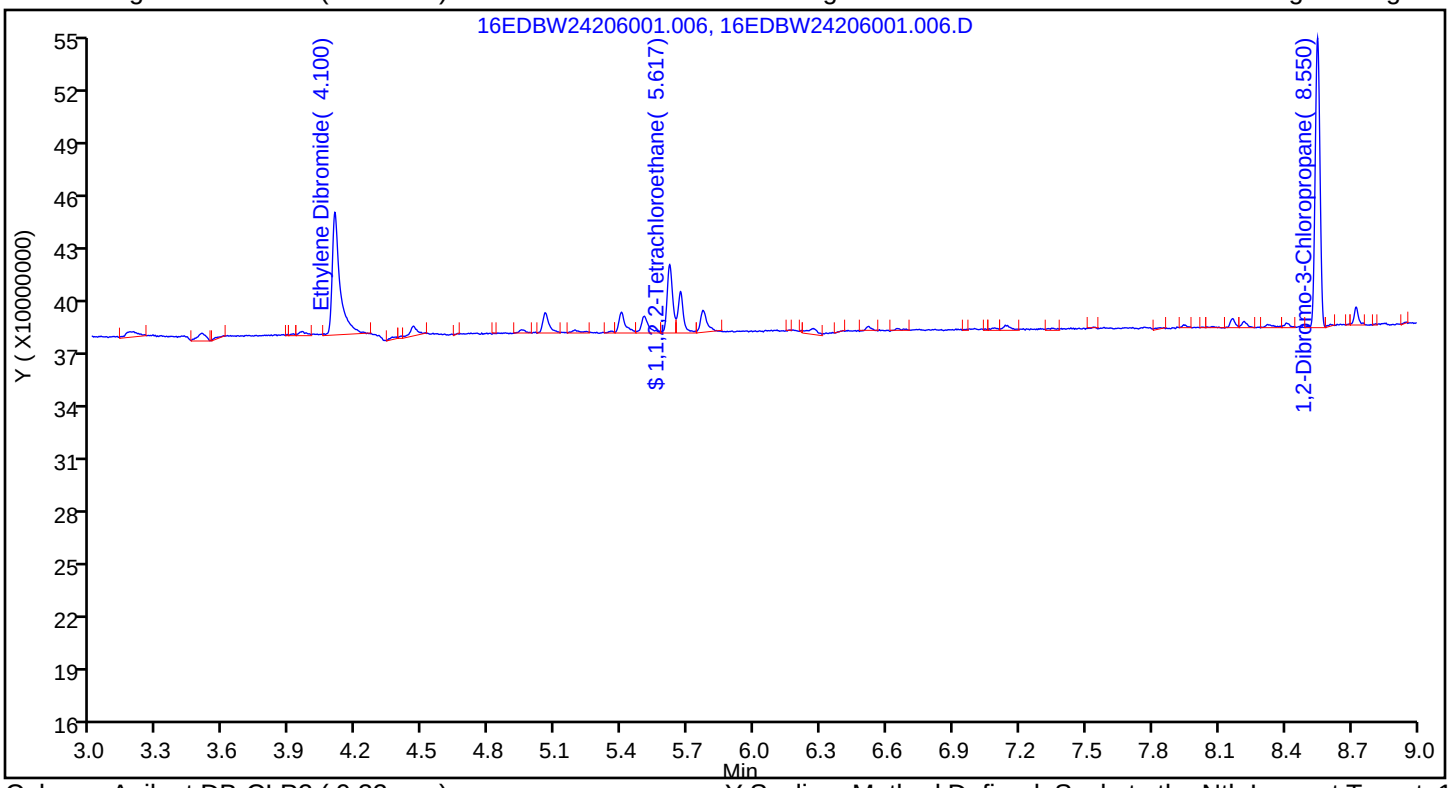
Client ID:

Operator ID: 120 ALS Bottle#: 0 Worklist Smp#: 6

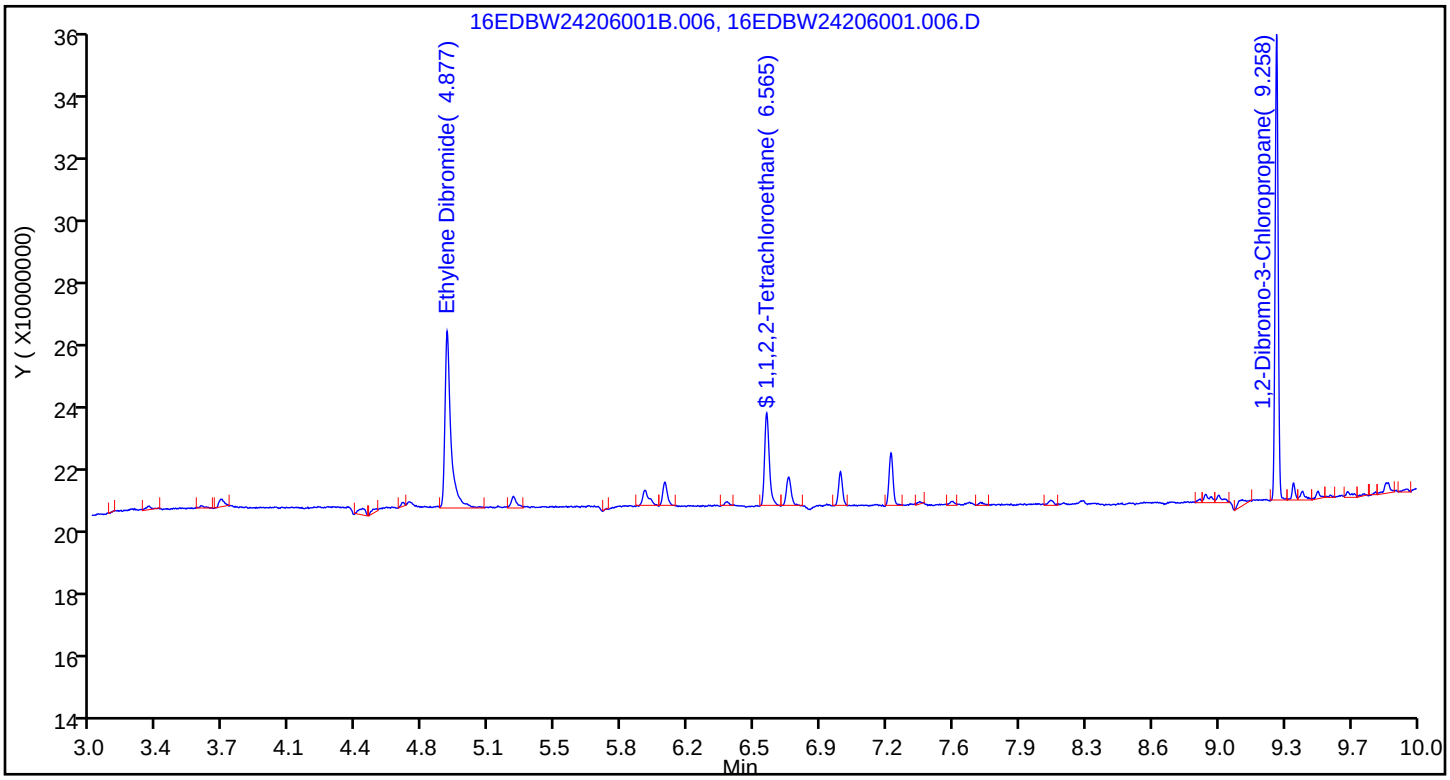
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19853 Limit Group: GCSV - 8011 Waters

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19853\20240724-120238.b\16EDBW24206001.007.D
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 24-Jul-2024 14:37:00 ALS Bottle#: 0 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: ic
Misc. Info.: 410-0120238-007
Operator ID: 120 Instrument ID: 19853
Sublist: chrom-8011_19853*sub1

Method: \\chromfs\Lancaster\ChromData\19853\20240724-120238.b\8011_19853.m
Limit Group: GCSV - 8011 Waters
Last Update: 25-Jul-2024 08:13:22 Calib Date: 24-Jul-2024 14:54:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19853\20240724-120238.b\16EDBW24206001.008.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1601

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	4.102	4.100	0.002	127054916H	4.39	4.72	
2	4.877	4.877	0.000	110501765H	4.39	4.59	
						RPD = 2.81	
$ 2 1,1,2,2-Tetrachloroethane							
1	5.617	5.617	0.000	66309226H	2.16	2.11	
2	6.565	6.565	0.000	51573216H	2.16	2.04	
						RPD = 3.17	
3 1,2-Dibromo-3-Chloropropane							
1	8.548	8.550	-0.002	338474697H	4.38	4.69	
2	9.258	9.258	0.000	301348947H	4.38	4.66	
						RPD = 0.62	

Reagents:

GCS_EDB5_00019 Amount Added: 1.00 Units: mL

Report Date: 25-Jul-2024 08:13:22 Chrom Revision: 2.3 16-Jul-2024 14:17:34

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19853\20240724-120238.b\16EDBW24206001.007.D

Injection Date: 24-Jul-2024 14:37:00 Instrument ID: 19853

Lims ID: ic

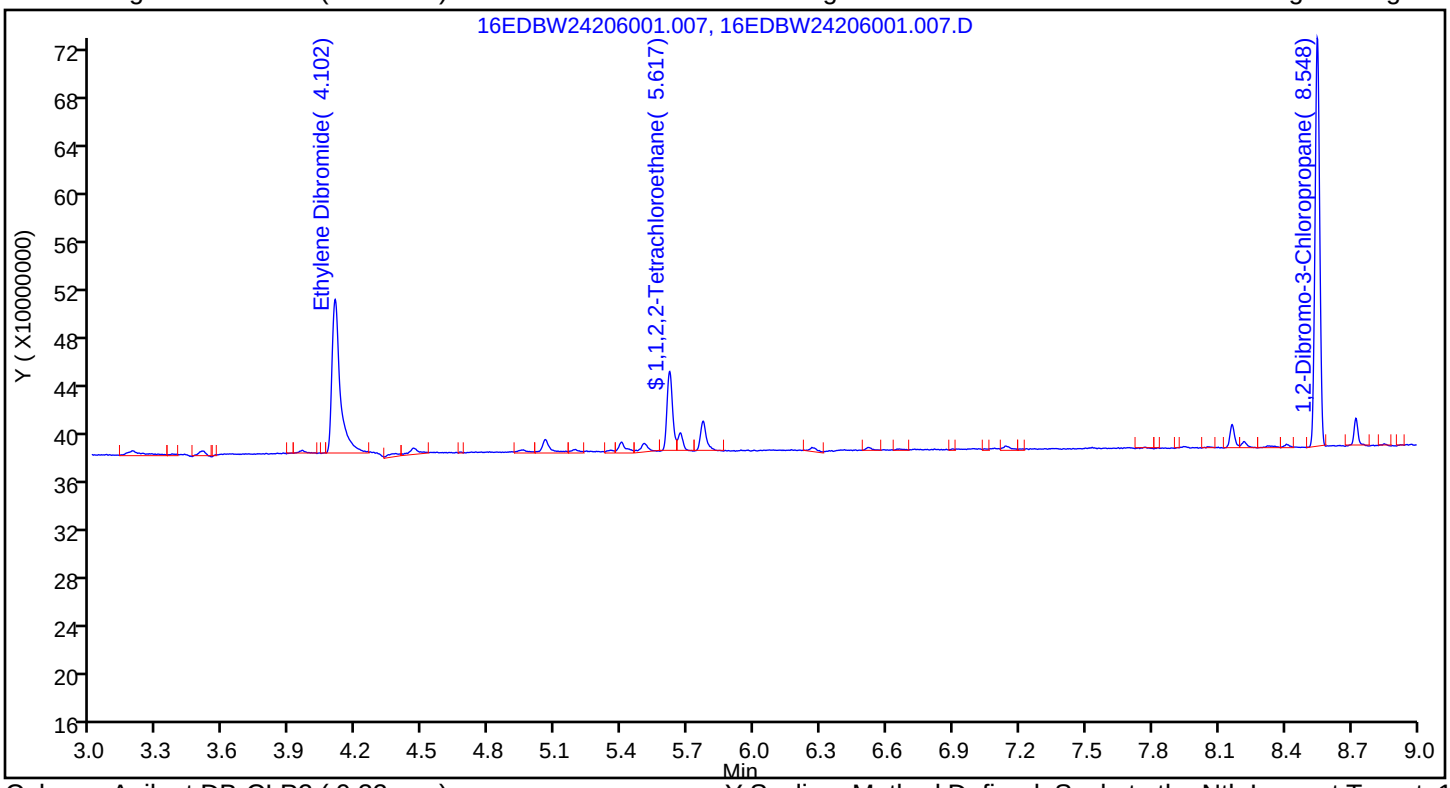
Client ID:

Operator ID: 120 ALS Bottle#: 0 Worklist Smp#: 7

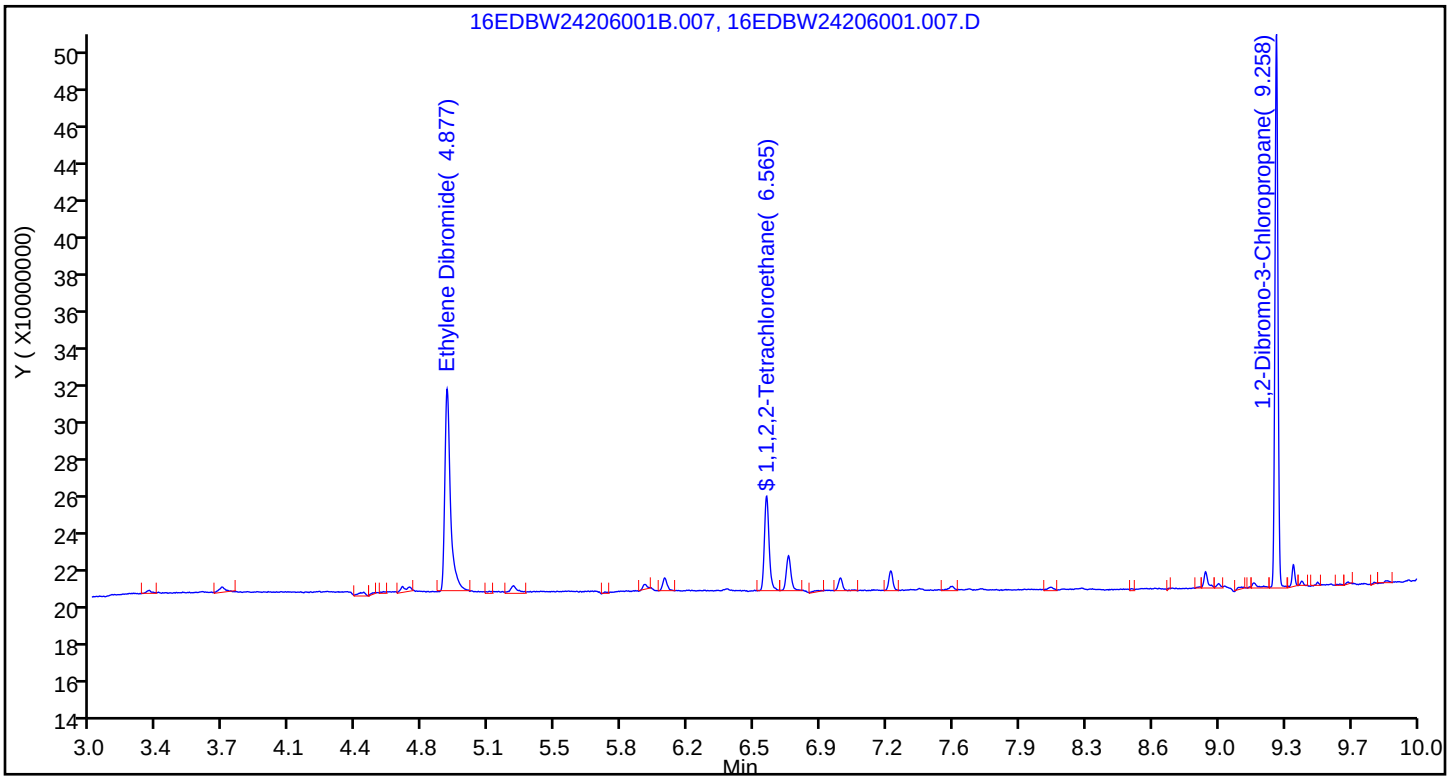
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19853 Limit Group: GCSV - 8011 Waters

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



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Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19853\20240724-120238.b\16EDBW24206001.008.D
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 24-Jul-2024 14:54:00 ALS Bottle#: 0 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: ic
Misc. Info.: 410-0120238-008
Operator ID: 120 Instrument ID: 19853
Sublist: chrom-8011_19853*sub1

Method: \\chromfs\Lancaster\ChromData\19853\20240724-120238.b\8011_19853.m
Limit Group: GCSV - 8011 Waters
Last Update: 25-Jul-2024 08:13:23 Calib Date: 24-Jul-2024 14:54:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19853\20240724-120238.b\16EDBW24206001.008.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1601

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	4.102	4.100	0.002	170915561H	6.27	6.35	
2	4.877	4.877	0.000	150414409H	6.27	6.25	
						RPD = 1.63	
$ 2 1,1,2,2-Tetrachloroethane							
1	5.617	5.617	0.000	99035918H	3.08	3.15	
2	6.563	6.565	-0.002	78161985H	3.08	3.09	
						RPD = 1.71	
3 1,2-Dibromo-3-Chloropropane							
1	8.548	8.550	-0.002	436636476H	6.25	6.05	
2	9.258	9.258	0.000	403040812H	6.25	6.24	
						RPD = 3.00	

Reagents:

GCS_EDB6_00017 Amount Added: 1.00 Units: mL

Report Date: 25-Jul-2024 08:13:23 Chrom Revision: 2.3 16-Jul-2024 14:17:34

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19853\20240724-120238.b\16EDBW24206001.008.D

Injection Date: 24-Jul-2024 14:54:00 Instrument ID: 19853

Lims ID: ic

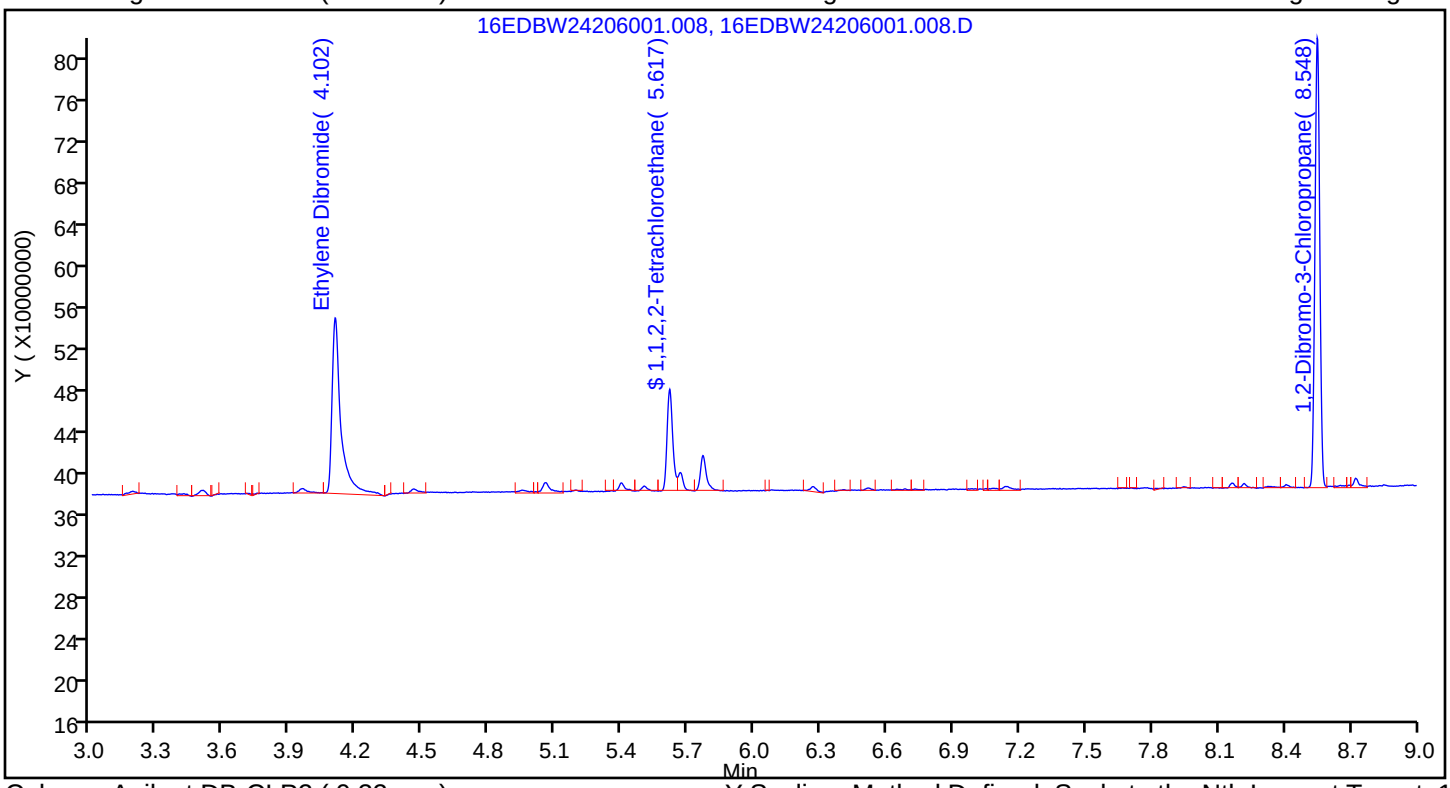
Client ID:

Operator ID: 120 ALS Bottle#: 0 Worklist Smp#: 8

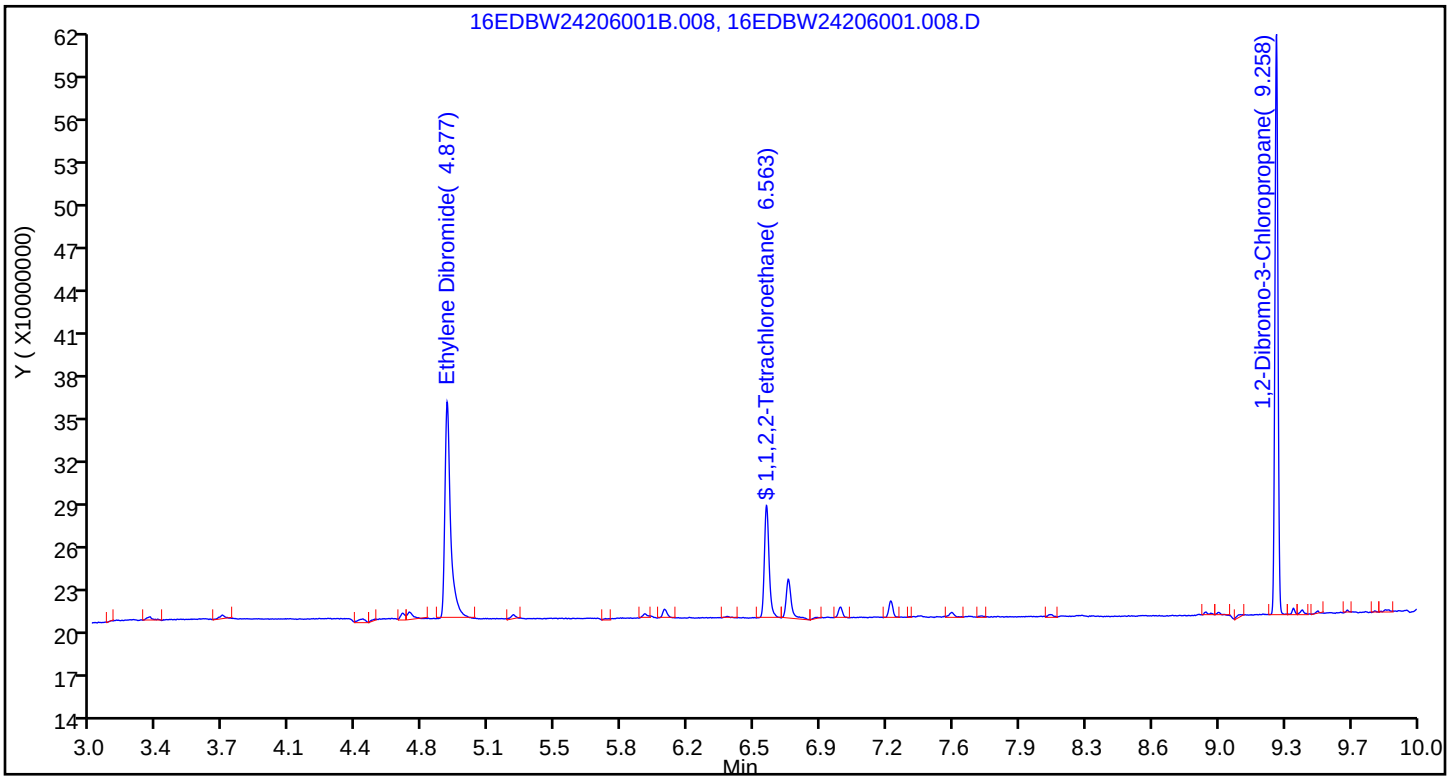
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19853 Limit Group: GCSV - 8011 Waters

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Calibration / Ethylene Dibromide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ESTD
Response Base:	HEIGHT
RF Rounding:	0

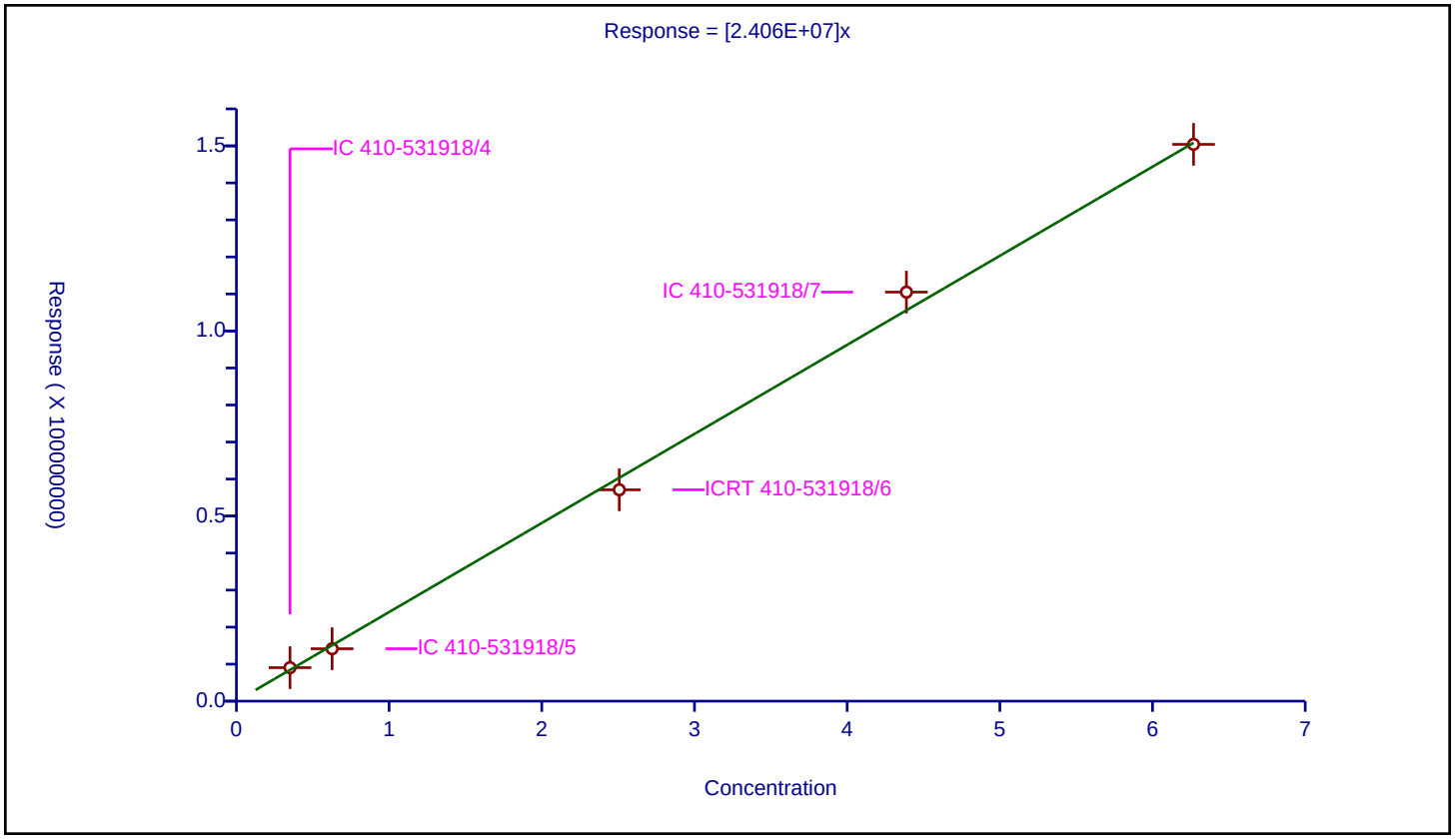
Curve Coefficients

Intercept:	0
Slope:	2.406E+07

Error Coefficients

Relative Standard Deviation:	5.9

ID	Level	Concentration	Response	IS Amount	IS Response	RF	Used
1	IC 410-531918/4	0.35105	9051290.0			25783478.137018	Y
2	IC 410-531918/5	0.626875	14155043.0			22580327.81655	Y
3	ICRT 410-531918/6	2.5075	57094126.0			22769342.372881	Y
4	IC 410-531918/7	4.388125	110501765.0			25182000.28486	Y
5	IC 410-531918/8	6.26875	150414409.0			23994322.472582	Y



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Calibration / 1,1,2,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ESTD
Response Base:	HEIGHT
RF Rounding:	0

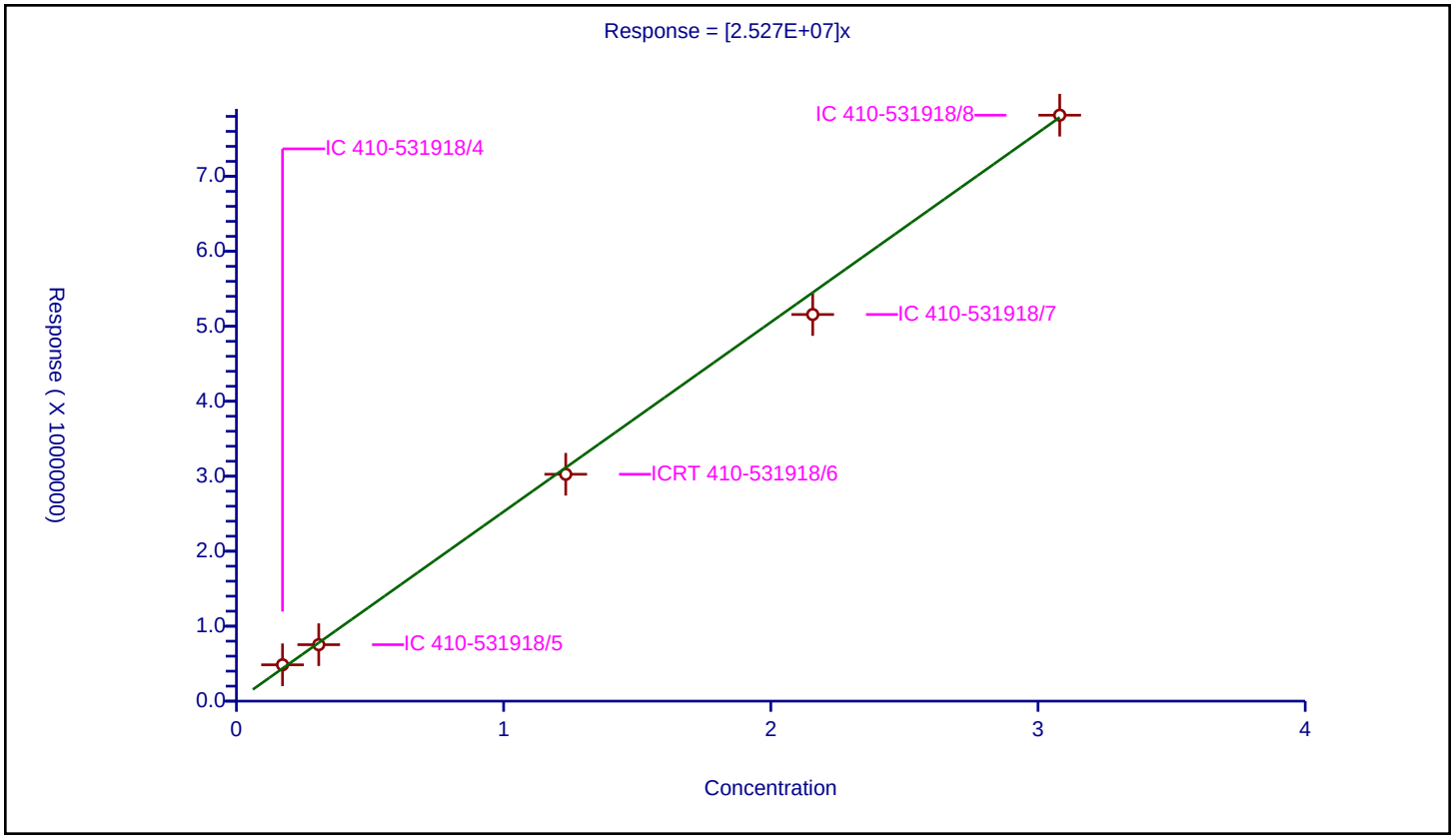
Curve Coefficients

Intercept:	0
Slope:	2.527E+07

Error Coefficients

Relative Standard Deviation:	6.6

ID	Level	Concentration	Response	IS Amount	IS Response	RF	Used
1	IC 410-531918/4	0.17255	4845909.0			28084085.77224	Y
2	IC 410-531918/5	0.308125	7531513.0			24443044.219067	Y
3	ICRT 410-531918/6	1.2325	30264739.0			24555569.168357	Y
4	IC 410-531918/7	2.156875	51573216.0			23911082.46885	Y
5	IC 410-531918/8	3.08125	78161985.0			25366972.819473	Y



9/9/2024
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Calibration / 1,2-Dibromo-3-Chloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ESTD
Response Base:	HEIGHT
RF Rounding:	0

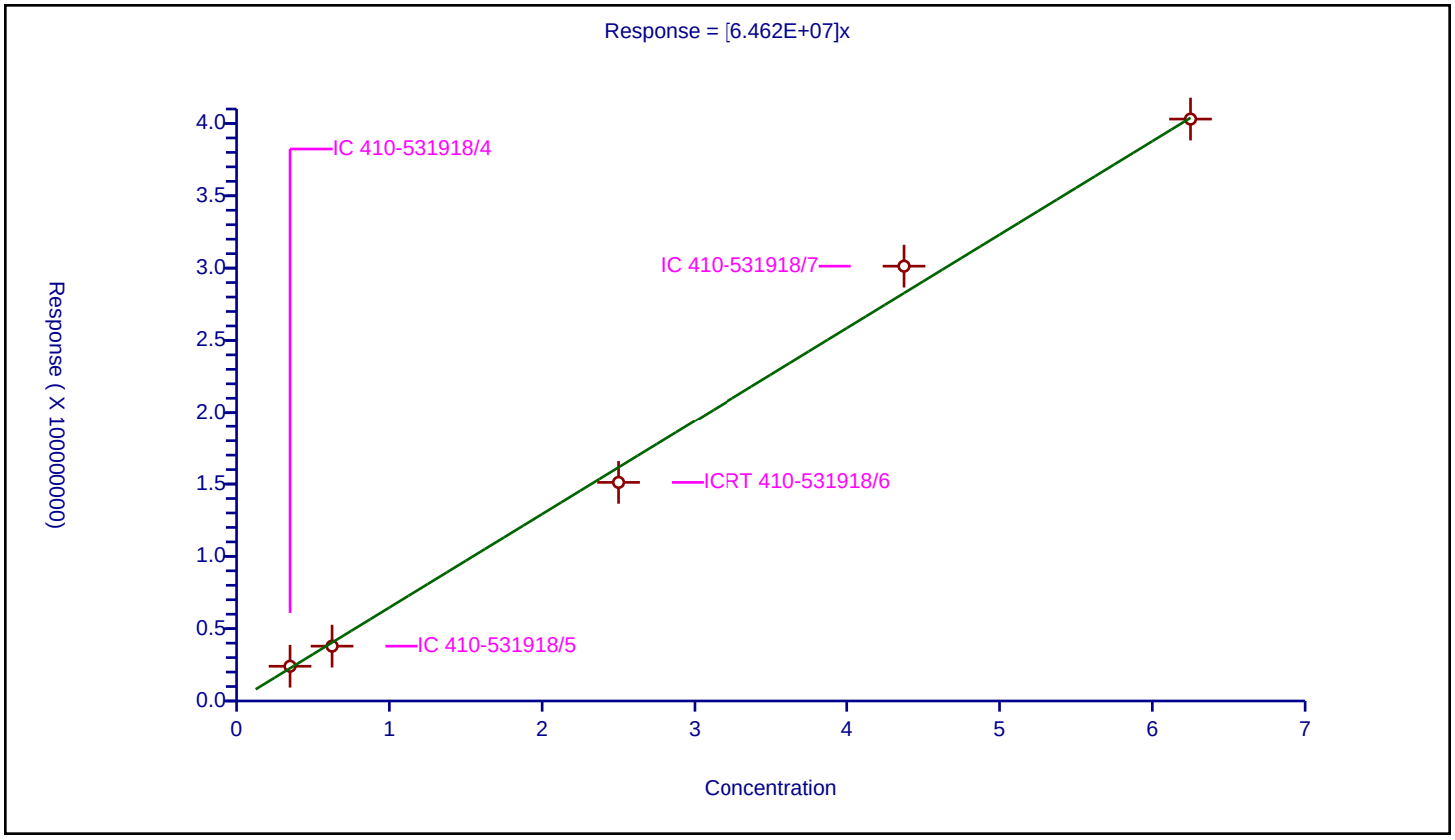
Curve Coefficients

Intercept:	0
Slope:	6.462E+07

Error Coefficients

Relative Standard Deviation:	6.3

ID	Level	Concentration	Response	IS Amount	IS Response	RF	Used
1	IC 410-531918/4	0.35	24017483.0			68621380.0	Y
2	IC 410-531918/5	0.625	37918873.0			60670196.8	Y
3	ICRT 410-531918/6	2.5	151151519.0			60460607.6	Y
4	IC 410-531918/7	4.375	301348947.0			68879759.314286	Y
5	IC 410-531918/8	6.25	403040812.0			64486529.92	Y



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FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-309671-1

SDG No.:

Lab Sample ID: ICV 410-541275/11 Calibration Date: 08/16/2024 13:29

Instrument ID: 19846 Calib Start Date: 08/16/2024 11:29

GC Column: DB CLP1 ID: 0.32(mm) Calib End Date: 08/16/2024 12:55

Lab File ID: 43EDBS24229001.011.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Ethylene Dibromide	Qua		11086045		1.43	1.26	12.9	40.0
1,2-Dibromo-3-Chloropropane	Lin		24215454		1.77	1.25	41.6*	40.0
1,1,2,2-Tetrachloroethane (Surr)	Lin		10256852		0.742	0.616	20.3	40.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-309671-1

SDG No.:

Lab Sample ID: ICV 410-541275/11
Calibration Date: 08/16/2024 13:29

Instrument ID: 19846
Calib Start Date: 08/16/2024 11:29

GC Column: DB CLP1 ID: 0.32(mm)
Calib End Date: 08/16/2024 12:55

Lab File ID: 43EDBS24229001.011.D

Analyte	RT	RT WINDOW	
		FROM	TO
Ethylene Dibromide	2.82	2.79	2.85
1,2-Dibromo-3-Chloropropane	7.13	7.09	7.15
1,1,2,2-Tetrachloroethane (Surr)	4.28	4.25	4.31

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240816-122419.b\43EDBS24229001.011.D
Lims ID: icv
Client ID:
Sample Type: ICV
Inject. Date: 16-Aug-2024 13:29:00 ALS Bottle#: 0 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: icv
Misc. Info.: 410-0120243-011
Operator ID: Instrument ID: 19846
Sublist:

Method: \\chromfs\Lancaster\ChromData\19846\20240816-122419.b\8011_19846S.m
Limit Group: GCSV - 8011 Solid
Last Update: 19-Aug-2024 06:53:43 Calib Date: 16-Aug-2024 12:55:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240816-122419.b\43EDBS24229001.009.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1683

First Level Reviewer: URS0 Date: 16-Aug-2024 14:14:25

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	2.823	2.820	0.003	13996132H	1.26	1.43	
2	3.898	3.895	0.003	23232295H	1.26	1.47	
						RPD = 2.80	
$ 2 1,1,2,2-Tetrachloroethane							
1	4.277	4.275	0.002	6320785H	0.6163	0.7416	
2	5.565	5.563	0.002	9970902H	0.6163	0.7617	
						RPD = 2.67	
3 1,2-Dibromo-3-Chloropropane							
1	7.125	7.123	0.002	30239048H	1.25	1.77	
2	8.407	8.407	0.000	38085812H	1.25	1.58	
						RPD = 11.28	

QC Flag Legend

Processing Flags
H - Response Measured by Height

Reagents:

GCS_EDBSICV_00030 Amount Added: 1.00 Units: mL

Report Date: 19-Aug-2024 06:54:16 Chrom Revision: 2.3 07-Aug-2024 17:44:18

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240816-122419.b\43EDBS24229001.011.D

Injection Date: 16-Aug-2024 13:29:00 Instrument ID: 19846

Lims ID: icv

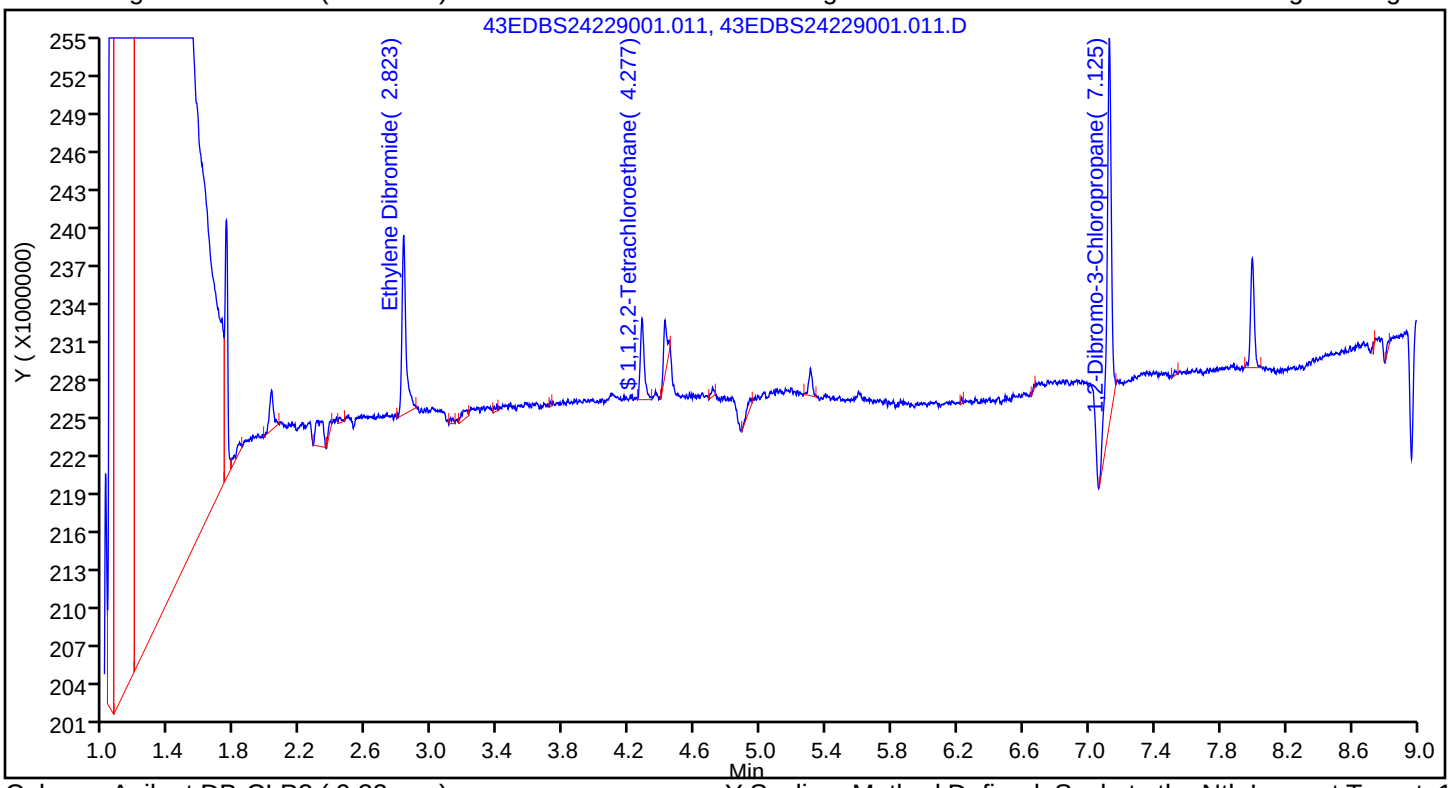
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 11

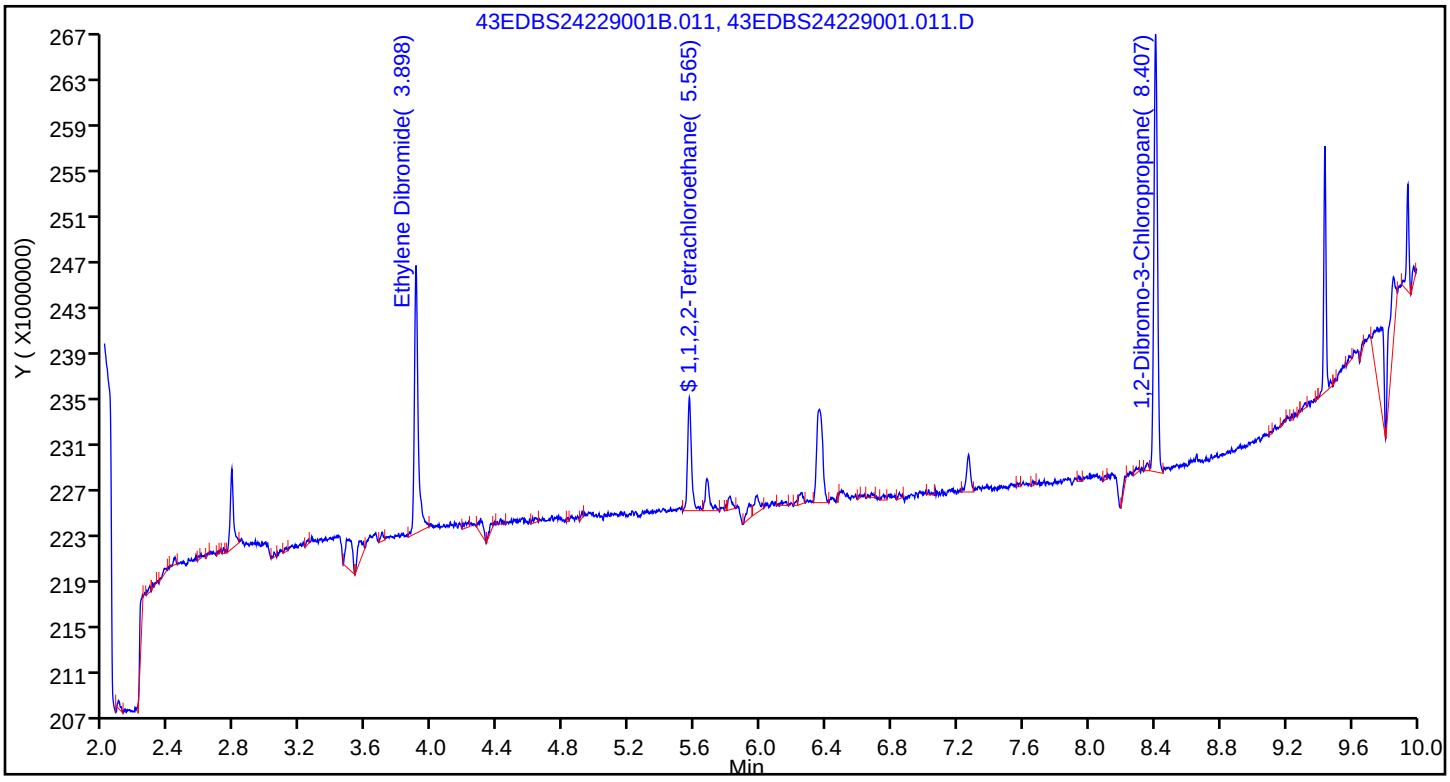
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846S Limit Group: GCSV - 8011 Solid

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-309671-1

SDG No.:

Lab Sample ID: ICV 410-541275/11 Calibration Date: 08/16/2024 13:29

Instrument ID: 19846 Calib Start Date: 08/16/2024 11:29

GC Column: DB CLP2 ID: 0.32(mm) Calib End Date: 08/16/2024 12:55

Lab File ID: 43EDBS24229001.011.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Ethylene Dibromide	Qua		18401818		1.47	1.26	16.1	40.0
1,2-Dibromo-3-Chloropropane	Lin		30499149		1.58	1.25	26.4	40.0
1,1,2,2-Tetrachloroethane (Surr)	Lin		16179963		0.762	0.616	23.6	40.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-309671-1

SDG No.:

Lab Sample ID: ICV 410-541275/11
Calibration Date: 08/16/2024 13:29

Instrument ID: 19846
Calib Start Date: 08/16/2024 11:29

GC Column: DB CLP2 ID: 0.32(mm)
Calib End Date: 08/16/2024 12:55

Lab File ID: 43EDBS24229001.011.D

Analyte	RT	RT WINDOW	
		FROM	TO
Ethylene Dibromide	3.90	3.87	3.93
1,2-Dibromo-3-Chloropropane	8.41	8.38	8.44
1,1,2,2-Tetrachloroethane (Surr)	5.57	5.53	5.59

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240816-122419.b\43EDBS24229001.011.D
Lims ID: icv
Client ID:
Sample Type: ICV
Inject. Date: 16-Aug-2024 13:29:00 ALS Bottle#: 0 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: icv
Misc. Info.: 410-0120243-011
Operator ID: Instrument ID: 19846
Sublist:

Method: \\chromfs\Lancaster\ChromData\19846\20240816-122419.b\8011_19846S.m
Limit Group: GCSV - 8011 Solid
Last Update: 19-Aug-2024 06:53:43 Calib Date: 16-Aug-2024 12:55:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240816-122419.b\43EDBS24229001.009.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1683

First Level Reviewer: URS0 Date: 16-Aug-2024 14:14:25

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	2.823	2.820	0.003	13996132H	1.26	1.43	
2	3.898	3.895	0.003	23232295H	1.26	1.47	
						RPD = 2.80	
$ 2 1,1,2,2-Tetrachloroethane							
1	4.277	4.275	0.002	6320785H	0.6163	0.7416	
2	5.565	5.563	0.002	9970902H	0.6163	0.7617	
						RPD = 2.67	
3 1,2-Dibromo-3-Chloropropane							
1	7.125	7.123	0.002	30239048H	1.25	1.77	
2	8.407	8.407	0.000	38085812H	1.25	1.58	
						RPD = 11.28	

QC Flag Legend

Processing Flags
H - Response Measured by Height

Reagents:

GCS_EDBSICV_00030 Amount Added: 1.00 Units: mL

Report Date: 19-Aug-2024 06:54:16 Chrom Revision: 2.3 07-Aug-2024 17:44:18

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240816-122419.b\43EDBS24229001.011.D

Injection Date: 16-Aug-2024 13:29:00 Instrument ID: 19846

Lims ID: icv

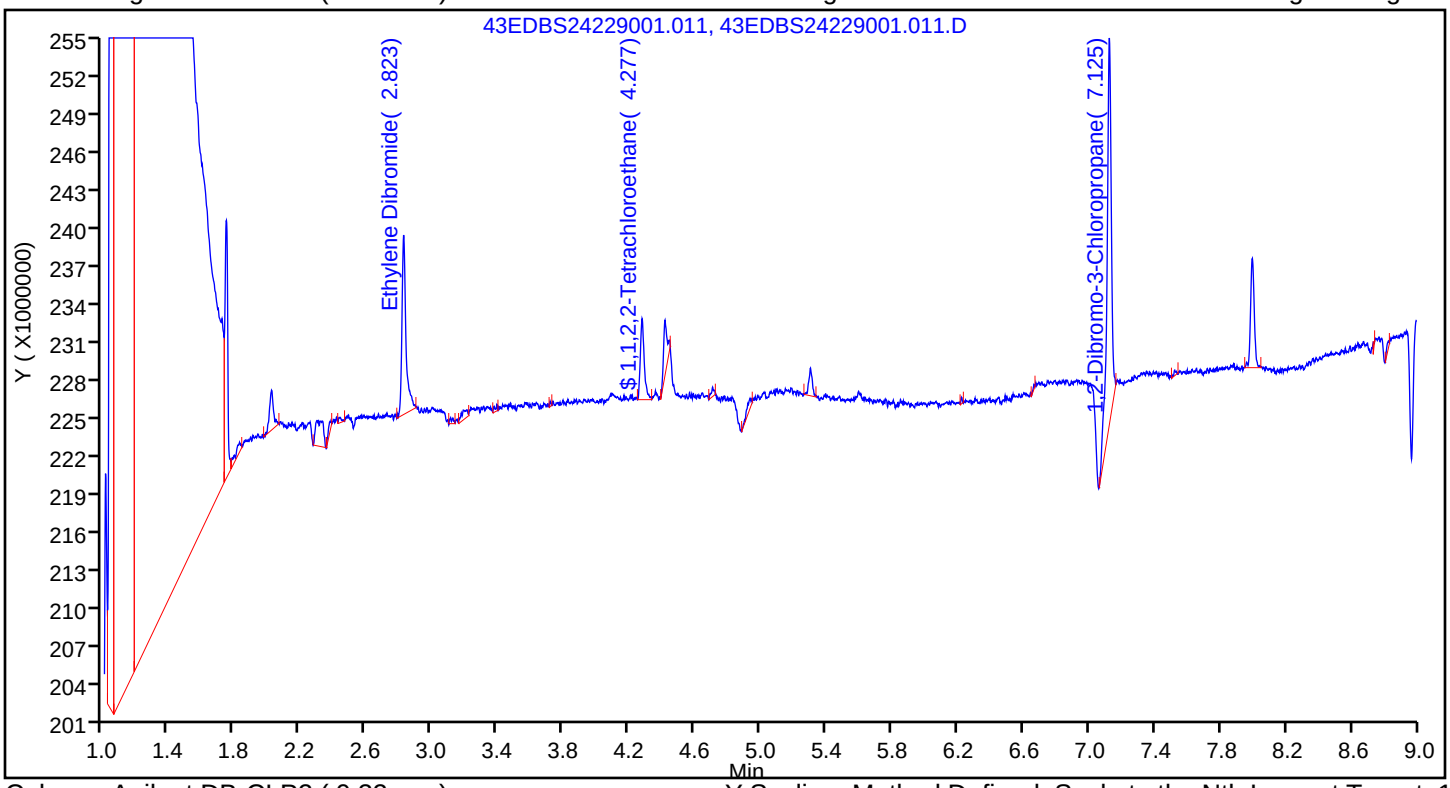
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 11

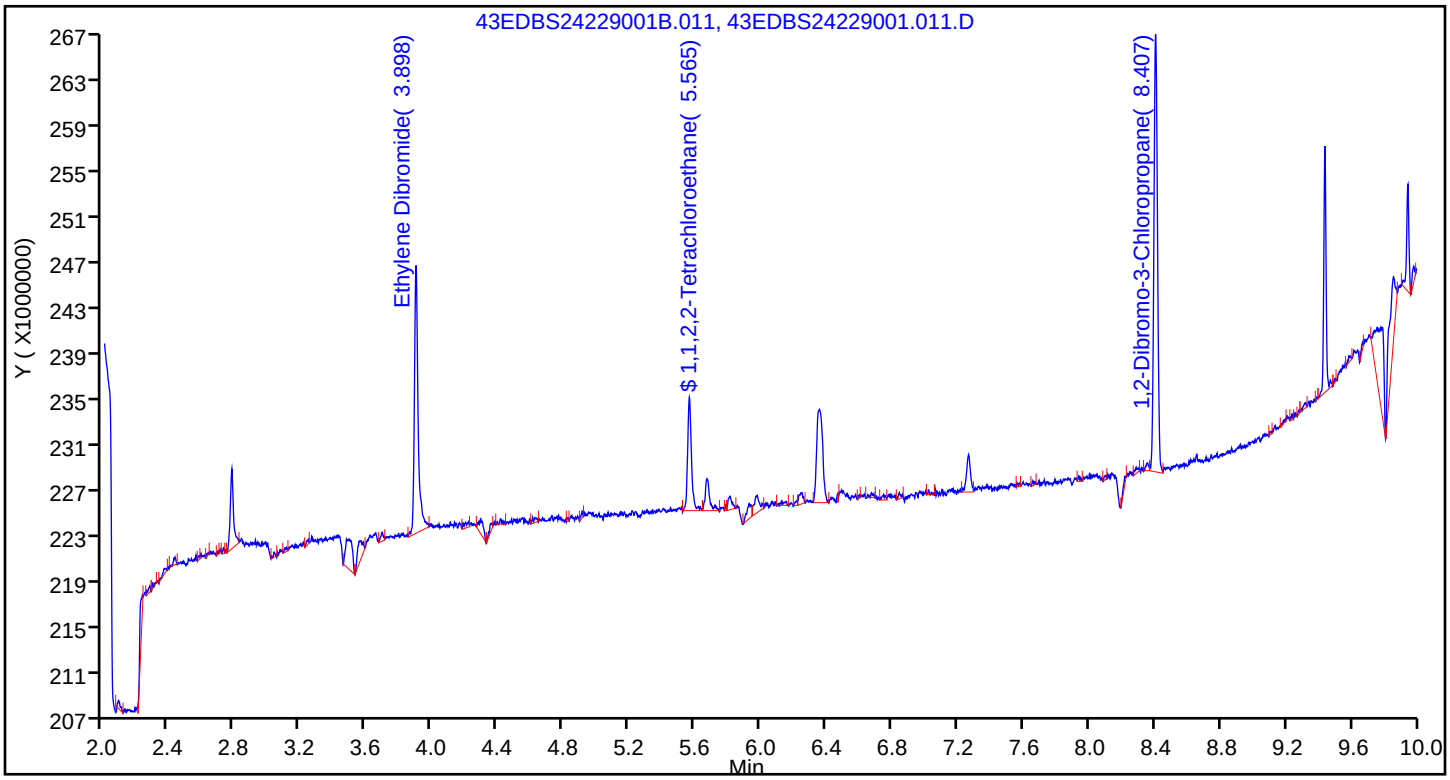
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846S Limit Group: GCSV - 8011 Solid

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-309671-1

SDG No.:

Lab Sample ID: CCVRT 410-543309/3 Calibration Date: 08/22/2024 08:57

Instrument ID: 19846 Calib Start Date: 08/16/2024 11:29

GC Column: DB CLP1 ID: 0.32(mm) Calib End Date: 08/16/2024 12:55

Lab File ID: 43EDBS24229002.003.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Ethylene Dibromide	Qua		8832330		2.45	2.51	-2.3	40.0
1,2-Dibromo-3-Chloropropane	Lin		17326903		2.67	2.50	6.9	40.0
1,1,2,2-Tetrachloroethane (Surr)	Lin		8490478		1.33	1.23	7.7	40.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-309671-1

SDG No.:

Lab Sample ID: CCVRT 410-543309/3
Calibration Date: 08/22/2024 08:57

Instrument ID: 19846
Calib Start Date: 08/16/2024 11:29

GC Column: DB CLP1 ID: 0.32(mm)
Calib End Date: 08/16/2024 12:55

Lab File ID: 43EDBS24229002.003.D

Analyte	RT	RT WINDOW	
		FROM	TO
Ethylene Dibromide	2.82	2.79	2.85
1,2-Dibromo-3-Chloropropane	7.13	7.10	7.16
1,1,2,2-Tetrachloroethane (Surr)	4.28	4.25	4.31

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240822-122934.b\43EDBS24229002.003.D
Lims ID: ccvrt
Client ID:
Sample Type: CCVRT
Inject. Date: 22-Aug-2024 08:57:00 ALS Bottle#: 0 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: ccv
Operator ID: Instrument ID: 19846
Sublist: chrom-8011_19846S*sub1

Method: \\chromfs\Lancaster\ChromData\19846\20240822-122934.b\8011_19846S.m
Limit Group: GCSV - 8011 Solid
Last Update: 23-Aug-2024 07:14:56 Calib Date: 16-Aug-2024 12:55:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240816-122419.b\43EDBS24229001.009.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1628

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	2.822	2.822	0.000	22147068H	2.51	2.45	
2	3.897	3.897	0.000	35390878H	2.51	2.43	
						RPD = 0.84	
$ 2 1,1,2,2-Tetrachloroethane							
1	4.275	4.275	0.000	10464514H	1.23	1.33	
2	5.563	5.563	0.000	15968790H	1.23	1.29	
						RPD = 2.58	
3 1,2-Dibromo-3-Chloropropane							
1	7.125	7.125	0.000	43317258H	2.50	2.67	
2	8.407	8.407	0.000	56571421H	2.50	2.50	
						RPD = 6.72	

Reagents:

GCS_EDBS4_00047 Amount Added: 1.00 Units: mL

Report Date: 23-Aug-2024 07:14:56 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240822-122934.b\43EDBS24229002.003.D

Injection Date: 22-Aug-2024 08:57:00 Instrument ID: 19846

Lims ID: ccvrt

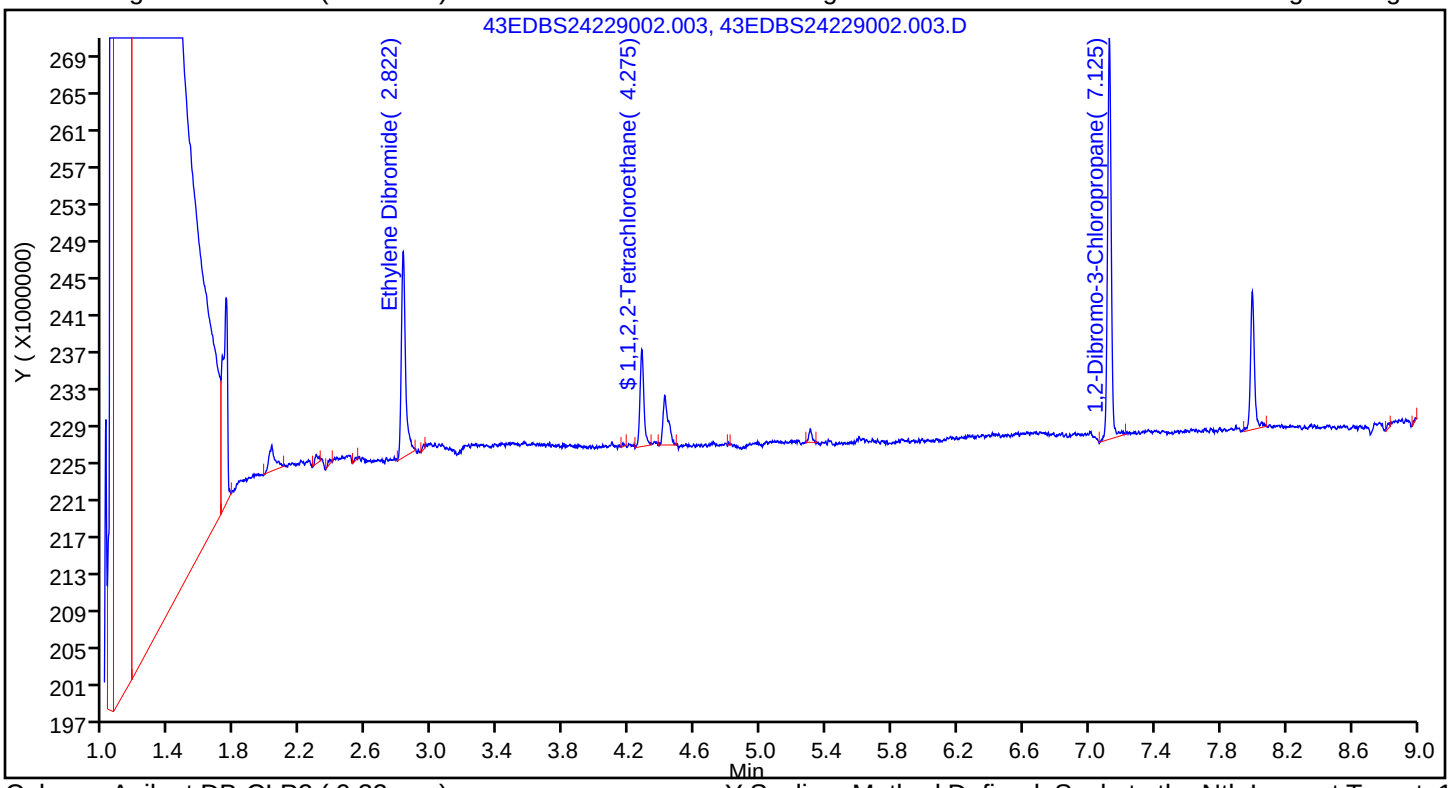
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 3

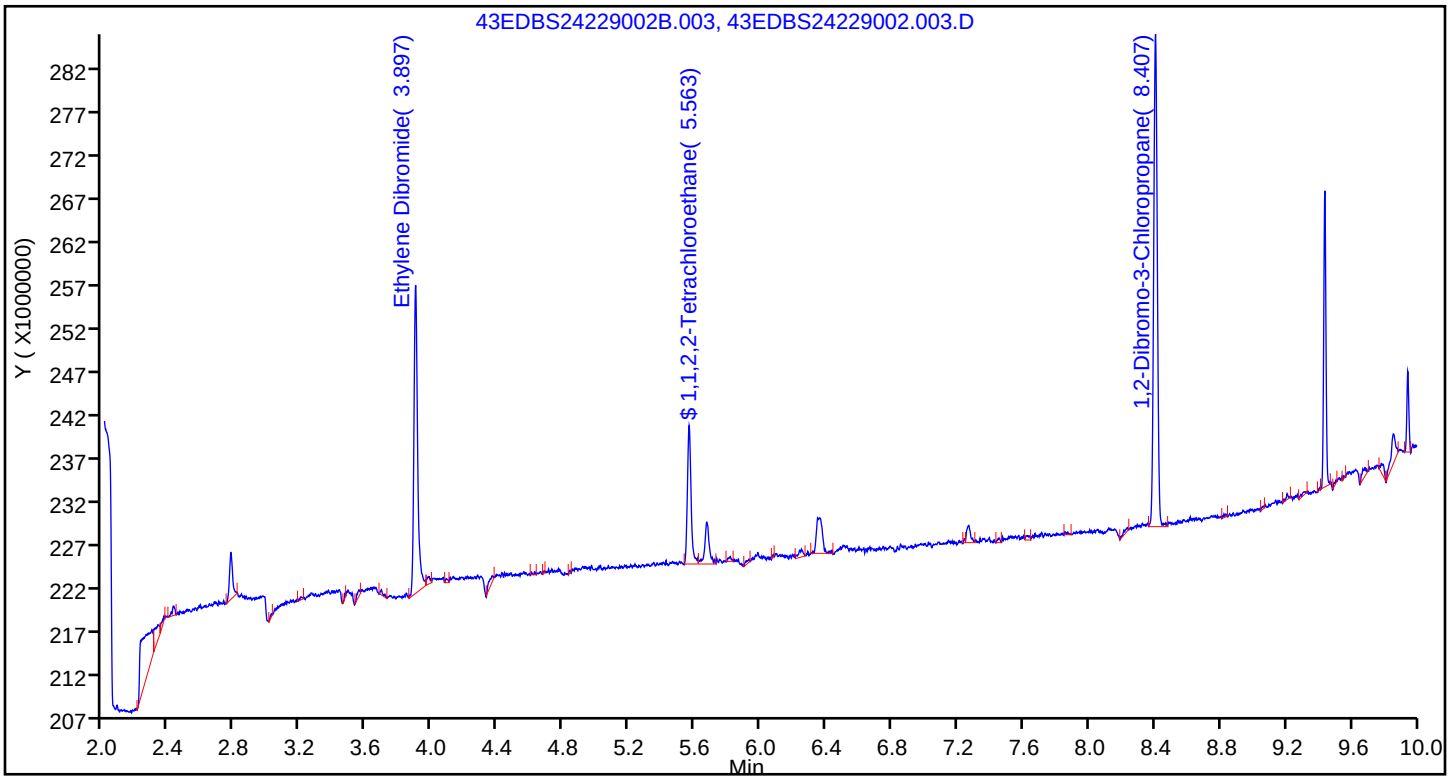
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846S Limit Group: GCSV - 8011 Solid

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-309671-1

SDG No.:

Lab Sample ID: CCVRT 410-543309/3
Calibration Date: 08/22/2024 08:57

Instrument ID: 19846
Calib Start Date: 08/16/2024 11:29

GC Column: DB CLP2 ID: 0.32(mm)
Calib End Date: 08/16/2024 12:55

Lab File ID: 43EDBS24229002.003.D
Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Ethylene Dibromide	Qua		14114009		2.43	2.51	-3.2	40.0
1,2-Dibromo-3-Chloropropane	Lin		22628568		2.50	2.50	0.0	40.0
1,1,2,2-Tetrachloroethane (Surr)	Lin		12956422		1.29	1.23	4.9	40.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-309671-1

SDG No.:

Lab Sample ID: CCVRT 410-543309/3
Calibration Date: 08/22/2024 08:57

Instrument ID: 19846
Calib Start Date: 08/16/2024 11:29

GC Column: DB CLP2 ID: 0.32(mm)
Calib End Date: 08/16/2024 12:55

Lab File ID: 43EDBS24229002.003.D

Analyte	RT	RT WINDOW	
		FROM	TO
Ethylene Dibromide	3.90	3.87	3.93
1,2-Dibromo-3-Chloropropane	8.41	8.38	8.44
1,1,2,2-Tetrachloroethane (Surr)	5.56	5.53	5.59

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240822-122934.b\43EDBS24229002.003.D
Lims ID: ccvrt
Client ID:
Sample Type: CCVRT
Inject. Date: 22-Aug-2024 08:57:00 ALS Bottle#: 0 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: ccv
Operator ID: Instrument ID: 19846
Sublist: chrom-8011_19846S*sub1

Method: \\chromfs\Lancaster\ChromData\19846\20240822-122934.b\8011_19846S.m
Limit Group: GCSV - 8011 Solid
Last Update: 23-Aug-2024 07:14:56 Calib Date: 16-Aug-2024 12:55:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240816-122419.b\43EDBS24229001.009.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1628

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	2.822	2.822	0.000	22147068H	2.51	2.45	
2	3.897	3.897	0.000	35390878H	2.51	2.43	
						RPD = 0.84	
$ 2 1,1,2,2-Tetrachloroethane							
1	4.275	4.275	0.000	10464514H	1.23	1.33	
2	5.563	5.563	0.000	15968790H	1.23	1.29	
						RPD = 2.58	
3 1,2-Dibromo-3-Chloropropane							
1	7.125	7.125	0.000	43317258H	2.50	2.67	
2	8.407	8.407	0.000	56571421H	2.50	2.50	
						RPD = 6.72	

Reagents:

GCS_EDBS4_00047 Amount Added: 1.00 Units: mL

Report Date: 23-Aug-2024 07:14:56 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240822-122934.b\43EDBS24229002.003.D

Injection Date: 22-Aug-2024 08:57:00 Instrument ID: 19846

Lims ID: ccvrt

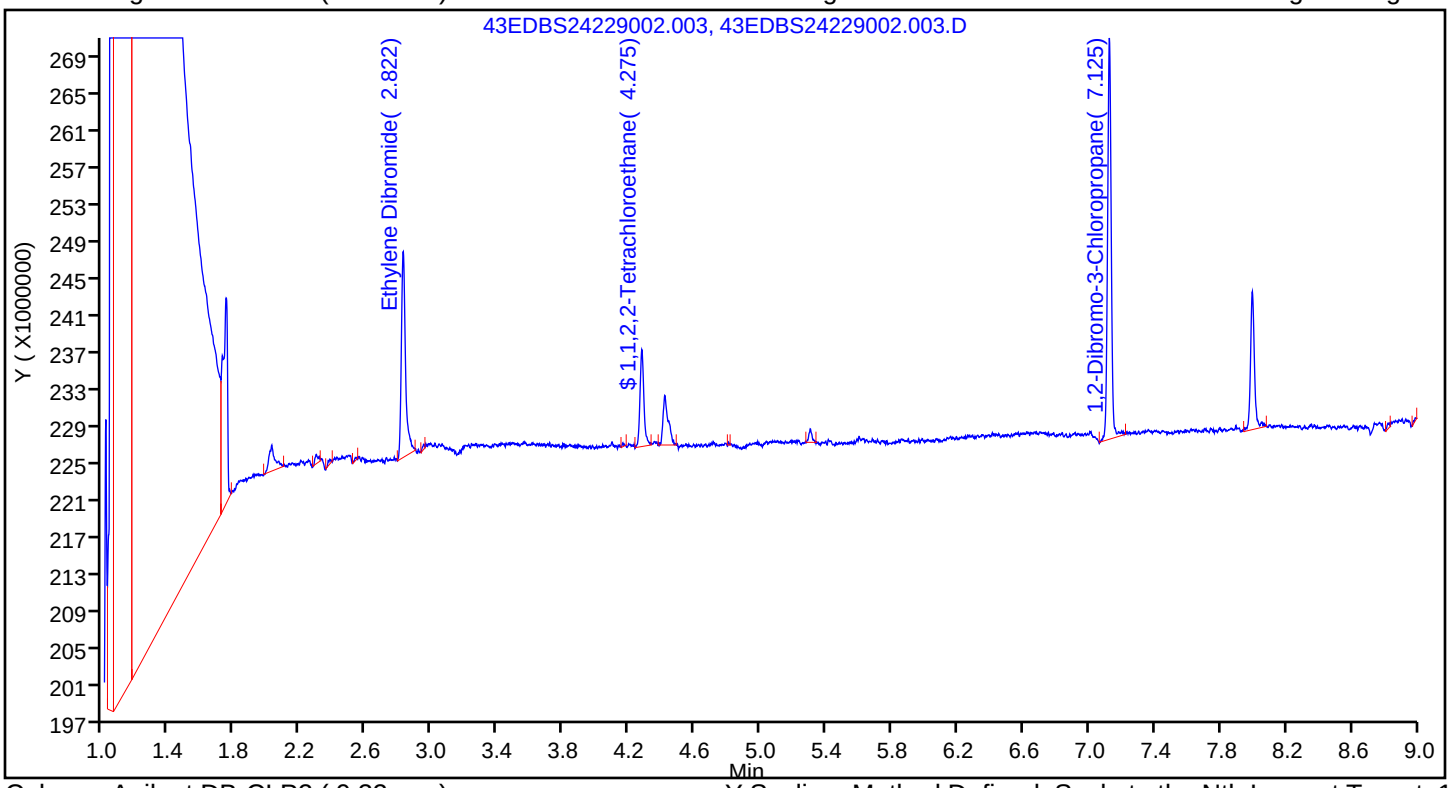
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 3

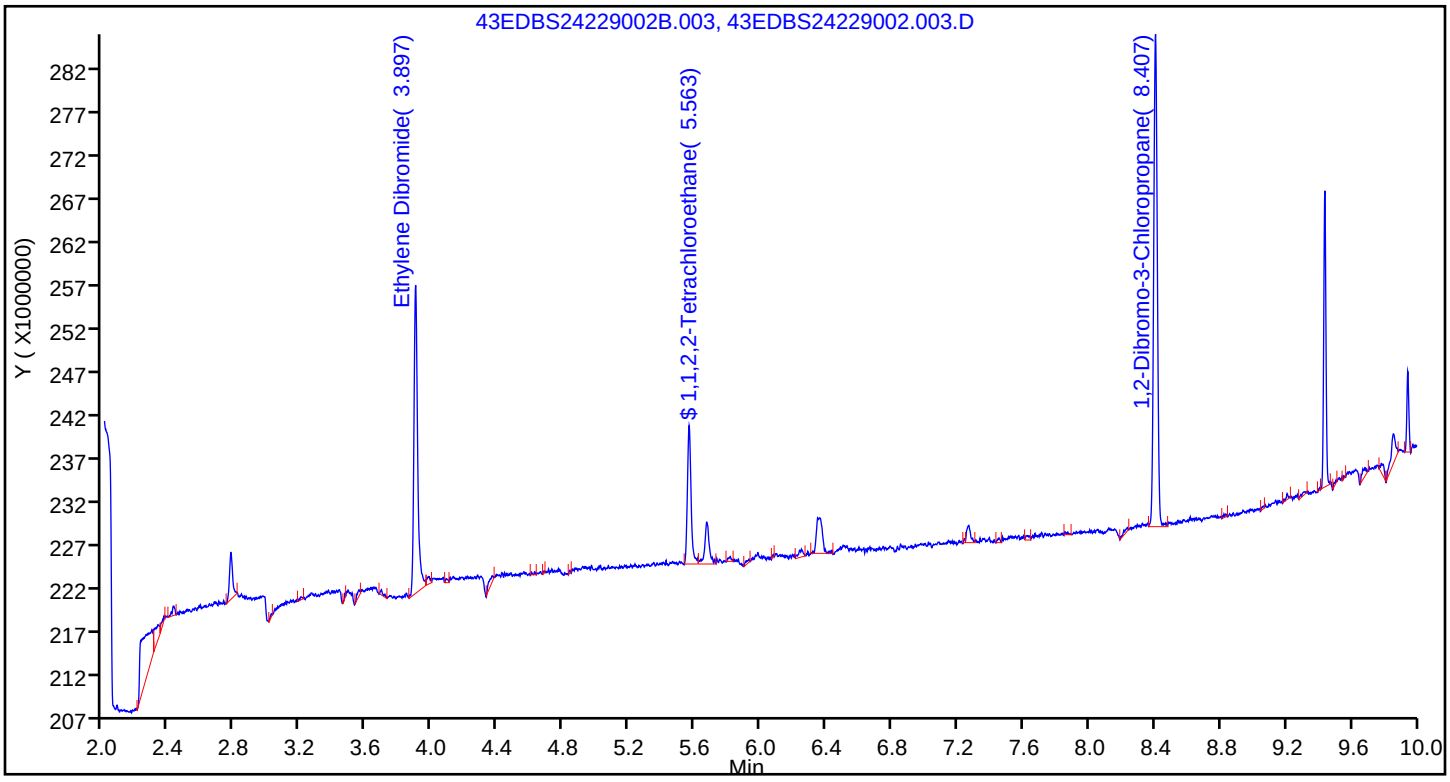
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846S Limit Group: GCSV - 8011 Solid

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-309671-1

SDG No.:

Lab Sample ID: CCV 410-543309/22 Calibration Date: 08/22/2024 14:22

Instrument ID: 19846 Calib Start Date: 08/16/2024 11:29

GC Column: DB CLP1 ID: 0.32(mm) Calib End Date: 08/16/2024 12:55

Lab File ID: 43EDBS24229002.022.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Ethylene Dibromide	Qua		8812689		2.44	2.51	-2.6	40.0
1,2-Dibromo-3-Chloropropane	Lin		18516579		2.88	2.50	15.2	40.0
1,1,2,2-Tetrachloroethane (Surr)	Lin		8290125		1.29	1.23	4.8	40.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-309671-1

SDG No.:

Lab Sample ID: CCV 410-543309/22
Calibration Date: 08/22/2024 14:22

Instrument ID: 19846
Calib Start Date: 08/16/2024 11:29

GC Column: DB CLP1 ID: 0.32(mm)
Calib End Date: 08/16/2024 12:55

Lab File ID: 43EDBS24229002.022.D

Analyte	RT	RT WINDOW	
		FROM	TO
Ethylene Dibromide	2.82	2.79	2.85
1,2-Dibromo-3-Chloropropane	7.13	7.10	7.16
1,1,2,2-Tetrachloroethane (Surr)	4.28	4.25	4.31

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240822-122934.b\43EDBS24229002.022.D
Lims ID: ccv
Client ID:
Sample Type: CCV
Inject. Date: 22-Aug-2024 14:22:00 ALS Bottle#: 0 Worklist Smp#: 22
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: ccv
Operator ID: Instrument ID: 19846
Sublist: chrom-8011_19846S*sub1

Method: \\chromfs\Lancaster\ChromData\19846\20240822-122934.b\8011_19846S.m
Limit Group: GCSV - 8011 Solid
Last Update: 23-Aug-2024 07:15:12 Calib Date: 16-Aug-2024 12:55:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240816-122419.b\43EDBS24229001.009.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1628

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	2.820	2.822	-0.002	22097818H	2.51	2.44	
2	3.895	3.897	-0.002	34745762H	2.51	2.37	
						RPD = 2.87	
$ 2 1,1,2,2-Tetrachloroethane							
1	4.275	4.275	0.000	10217579H	1.23	1.29	
2	5.563	5.563	0.000	15892525H	1.23	1.29	
						RPD = 0.44	
3 1,2-Dibromo-3-Chloropropane							
1	7.125	7.125	0.000	46291447H	2.50	2.88	
2	8.407	8.407	0.000	59608778H	2.50	2.65	
						RPD = 8.26	

Reagents:

GCS_EDBS4_00047 Amount Added: 1.00 Units: mL

Report Date: 23-Aug-2024 07:15:12 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240822-122934.b\43EDBS24229002.022.D

Injection Date: 22-Aug-2024 14:22:00 Instrument ID: 19846

Lims ID: ccv

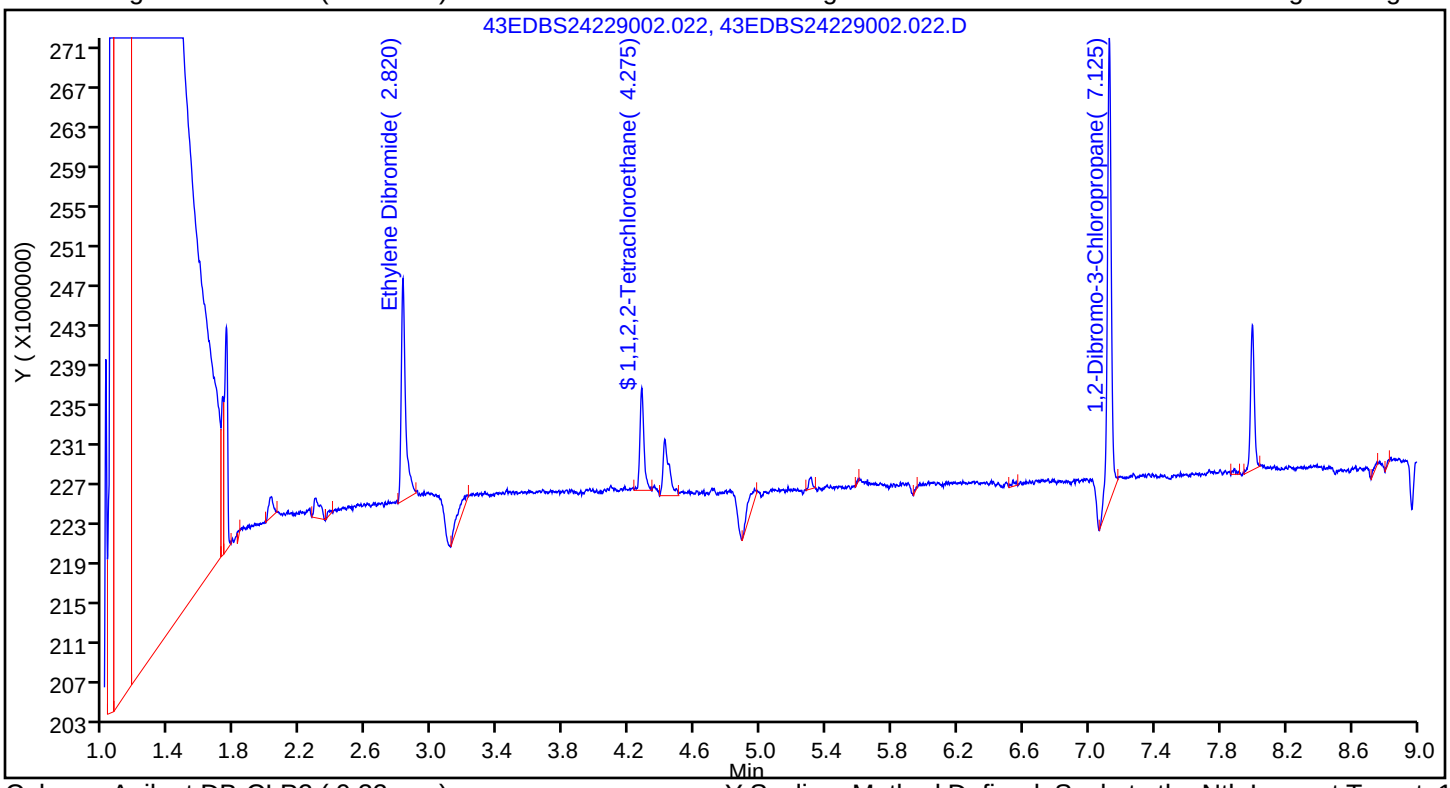
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 22

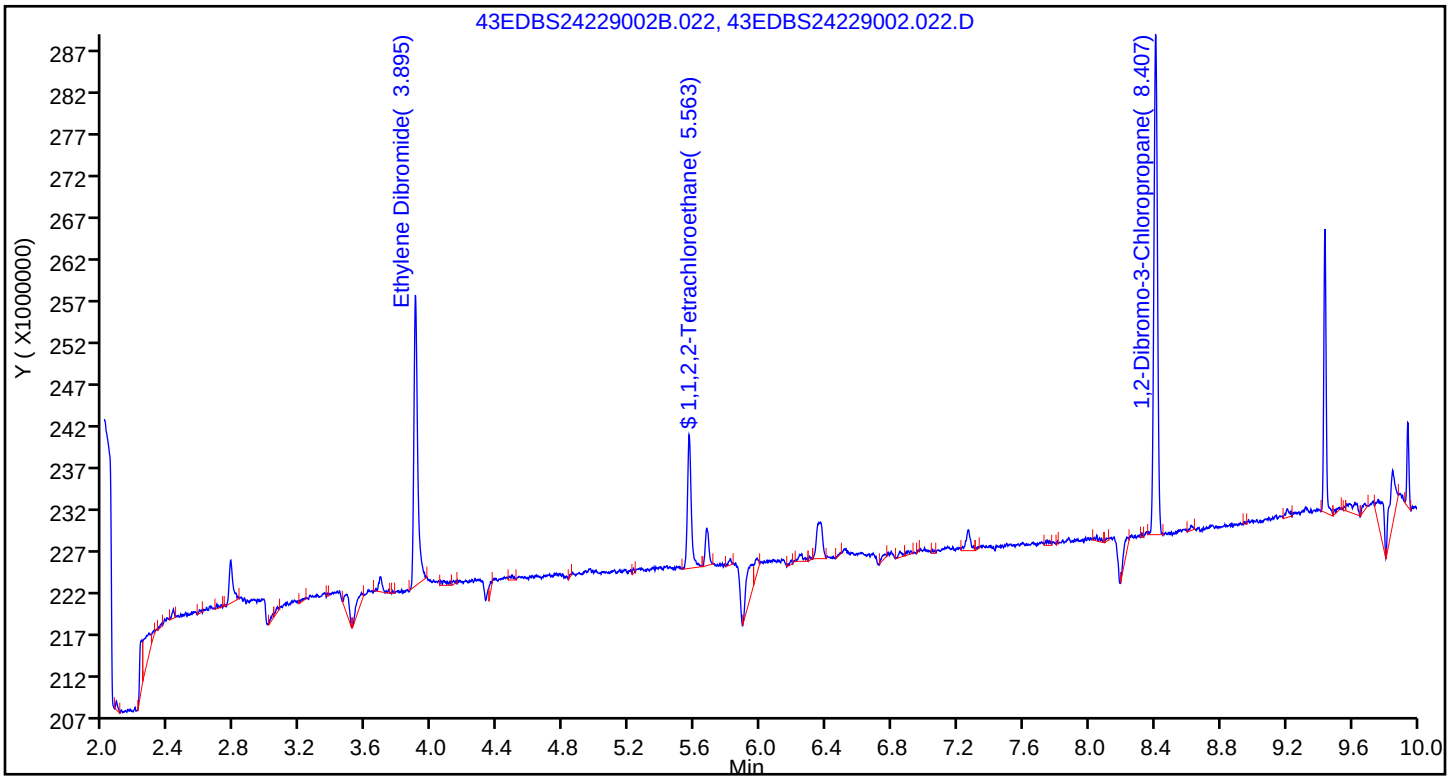
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846S Limit Group: GCSV - 8011 Solid

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-309671-1

SDG No.:

Lab Sample ID: CCV 410-543309/22 Calibration Date: 08/22/2024 14:22

Instrument ID: 19846 Calib Start Date: 08/16/2024 11:29

GC Column: DB CLP2 ID: 0.32(mm) Calib End Date: 08/16/2024 12:55

Lab File ID: 43EDBS24229002.022.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Ethylene Dibromide	Qua		13856735		2.37	2.51	-5.4	40.0
1,2-Dibromo-3-Chloropropane	Lin		23843511		2.65	2.50	6.0	40.0
1,1,2,2-Tetrachloroethane (Surr)	Lin		12894544		1.29	1.23	4.4	40.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-309671-1

SDG No.:

Lab Sample ID: CCV 410-543309/22
Calibration Date: 08/22/2024 14:22

Instrument ID: 19846
Calib Start Date: 08/16/2024 11:29

GC Column: DB CLP2 ID: 0.32(mm)
Calib End Date: 08/16/2024 12:55

Lab File ID: 43EDBS24229002.022.D

Analyte	RT	RT WINDOW	
		FROM	TO
Ethylene Dibromide	3.90	3.87	3.93
1,2-Dibromo-3-Chloropropane	8.41	8.38	8.44
1,1,2,2-Tetrachloroethane (Surr)	5.56	5.53	5.59

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240822-122934.b\43EDBS24229002.022.D
Lims ID: ccv
Client ID:
Sample Type: CCV
Inject. Date: 22-Aug-2024 14:22:00 ALS Bottle#: 0 Worklist Smp#: 22
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: ccv
Operator ID: Instrument ID: 19846
Sublist: chrom-8011_19846S*sub1

Method: \\chromfs\Lancaster\ChromData\19846\20240822-122934.b\8011_19846S.m
Limit Group: GCSV - 8011 Solid
Last Update: 23-Aug-2024 07:15:12 Calib Date: 16-Aug-2024 12:55:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240816-122419.b\43EDBS24229001.009.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1628

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	2.820	2.822	-0.002	22097818H	2.51	2.44	
2	3.895	3.897	-0.002	34745762H	2.51	2.37	
						RPD = 2.87	
$ 2 1,1,2,2-Tetrachloroethane							
1	4.275	4.275	0.000	10217579H	1.23	1.29	
2	5.563	5.563	0.000	15892525H	1.23	1.29	
						RPD = 0.44	
3 1,2-Dibromo-3-Chloropropane							
1	7.125	7.125	0.000	46291447H	2.50	2.88	
2	8.407	8.407	0.000	59608778H	2.50	2.65	
						RPD = 8.26	

Reagents:

GCS_EDBS4_00047 Amount Added: 1.00 Units: mL

Report Date: 23-Aug-2024 07:15:12 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240822-122934.b\43EDBS24229002.022.D

Injection Date: 22-Aug-2024 14:22:00 Instrument ID: 19846

Lims ID: ccv

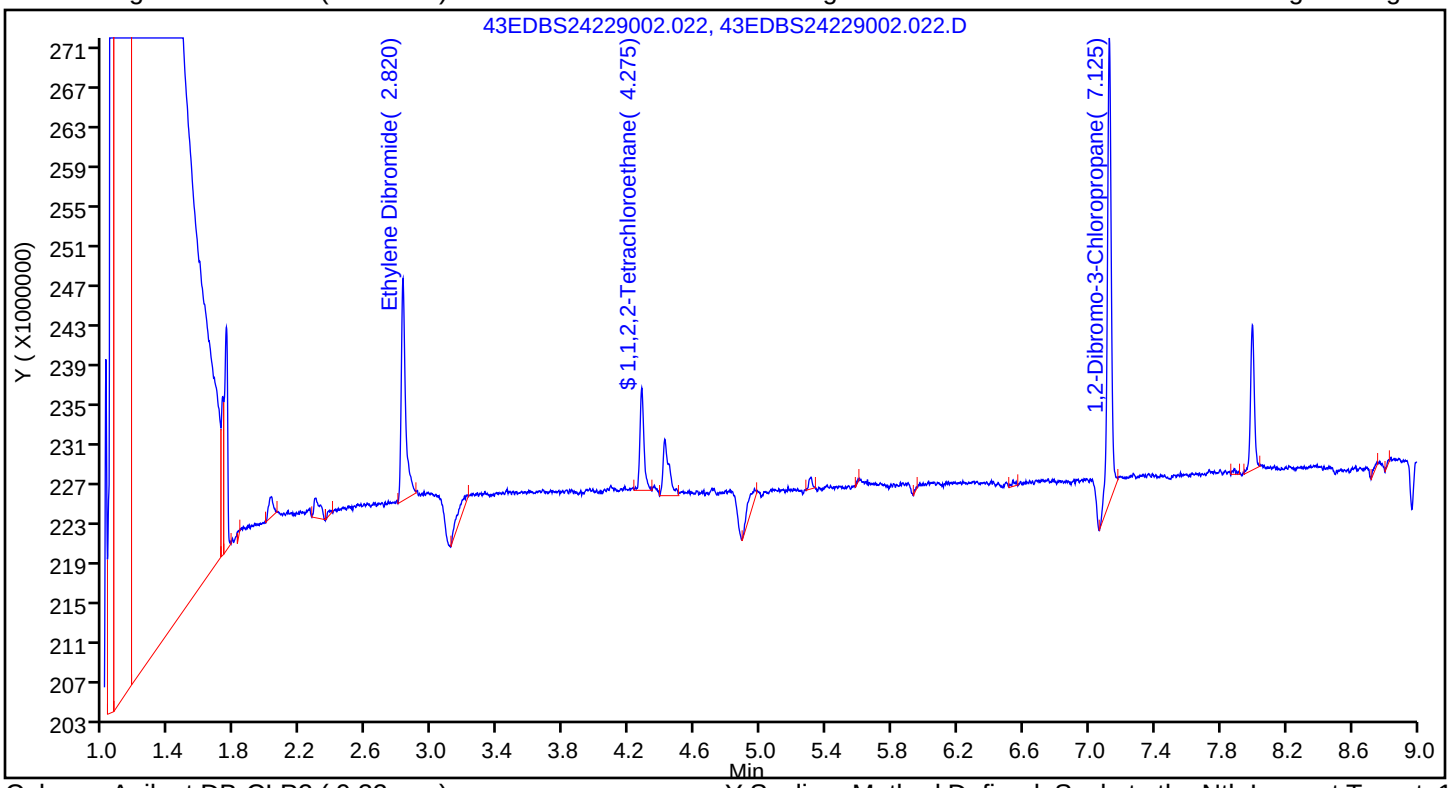
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 22

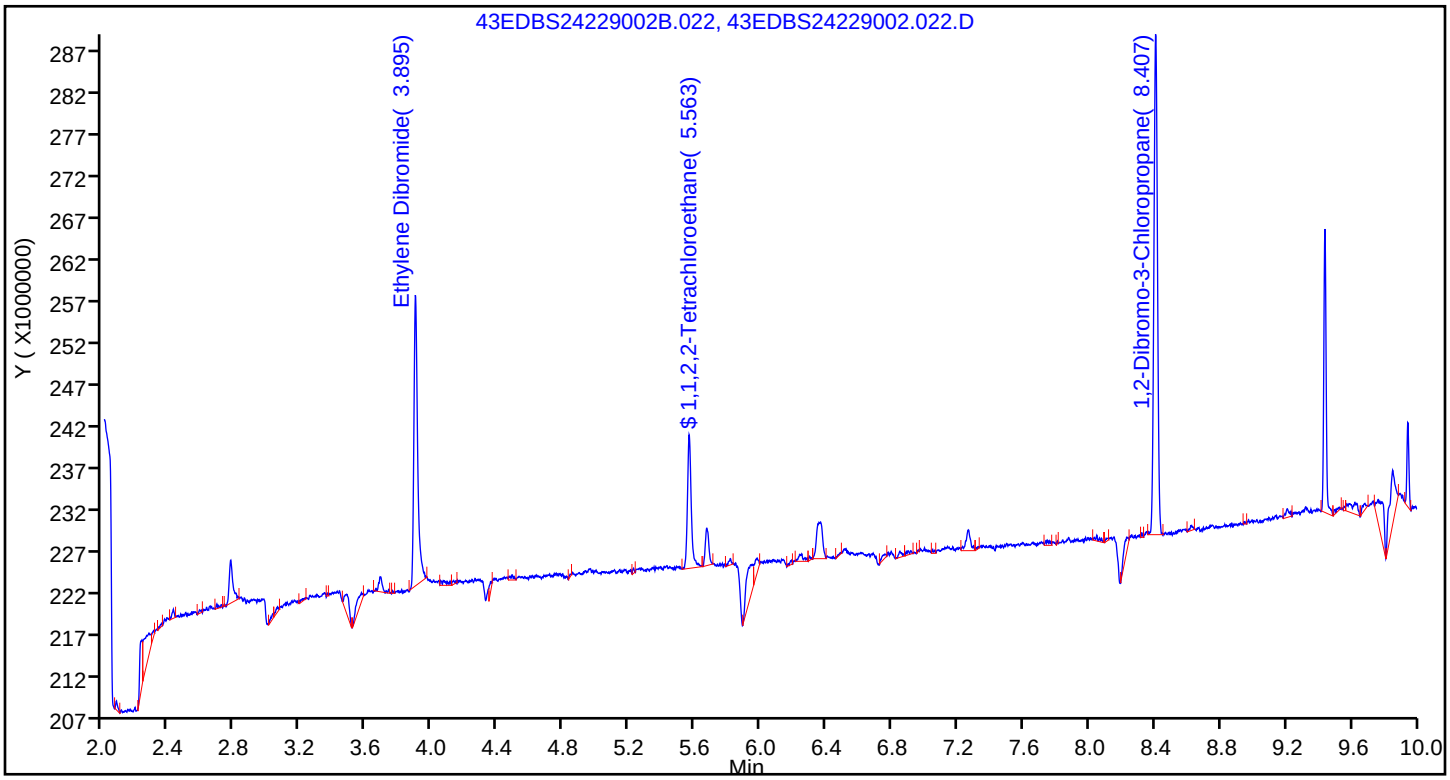
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846S Limit Group: GCSV - 8011 Solid

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-309671-1

SDG No.:

Lab Sample ID: CCVRT 410-548652/3 Calibration Date: 09/06/2024 13:44

Instrument ID: 19846 Calib Start Date: 08/16/2024 11:29

GC Column: DB CLP1 ID: 0.32(mm) Calib End Date: 08/16/2024 12:55

Lab File ID: 43EDBS24229003.003.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Ethylene Dibromide	Qua		8895785		2.47	2.51	-1.5	40.0
1,2-Dibromo-3-Chloropropane	Lin		17392252		2.68	2.50	7.4	40.0
1,1,2,2-Tetrachloroethane (Surr)	Lin		8742148		1.37	1.23	11.2	40.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-309671-1

SDG No.:

Lab Sample ID: CCVRT 410-548652/3
Calibration Date: 09/06/2024 13:44

Instrument ID: 19846
Calib Start Date: 08/16/2024 11:29

GC Column: DB CLP1 ID: 0.32(mm)
Calib End Date: 08/16/2024 12:55

Lab File ID: 43EDBS24229003.003.D

Analyte	RT	RT WINDOW	
		FROM	TO
Ethylene Dibromide	2.82	2.79	2.85
1,2-Dibromo-3-Chloropropane	7.12	7.09	7.15
1,1,2,2-Tetrachloroethane (Surr)	4.28	4.25	4.31

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240906-124269.b\43EDBS24229003.003.D
Lims ID: ccvrt
Client ID:
Sample Type: CCVRT
Inject. Date: 06-Sep-2024 13:44:00 ALS Bottle#: 0 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: ccvrt
Operator ID: Instrument ID: 19846
Sublist: chrom-8011_19846S*sub1

Method: \\chromfs\Lancaster\ChromData\19846\20240906-124269.b\8011_19846S.m
Limit Group: GCSV - 8011 Solid
Last Update: 09-Sep-2024 08:27:05 Calib Date: 16-Aug-2024 12:55:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240816-122419.b\43EDBS24229001.009.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1644

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	2.820	2.820	0.000	22306181H	2.51	2.47	
2	3.895	3.895	0.000	36314332H	2.51	2.51	
						RPD = 1.52	
$ 2 1,1,2,2-Tetrachloroethane							
1	4.275	4.275	0.000	10774698H	1.23	1.37	
2	5.563	5.563	0.000	16422741H	1.23	1.33	
						RPD = 2.76	
3 1,2-Dibromo-3-Chloropropane							
1	7.123	7.123	0.000	43480631H	2.50	2.68	
2	8.407	8.407	0.000	57255370H	2.50	2.53	
						RPD = 5.79	

Reagents:

GCS_EDBS4_00048 Amount Added: 1.00 Units: mL

Report Date: 09-Sep-2024 08:27:06 Chrom Revision: 2.3 26-Aug-2024 17:14:48

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240906-124269.b\43EDBS24229003.003.D

Injection Date: 06-Sep-2024 13:44:00 Instrument ID: 19846

Lims ID: ccvrt

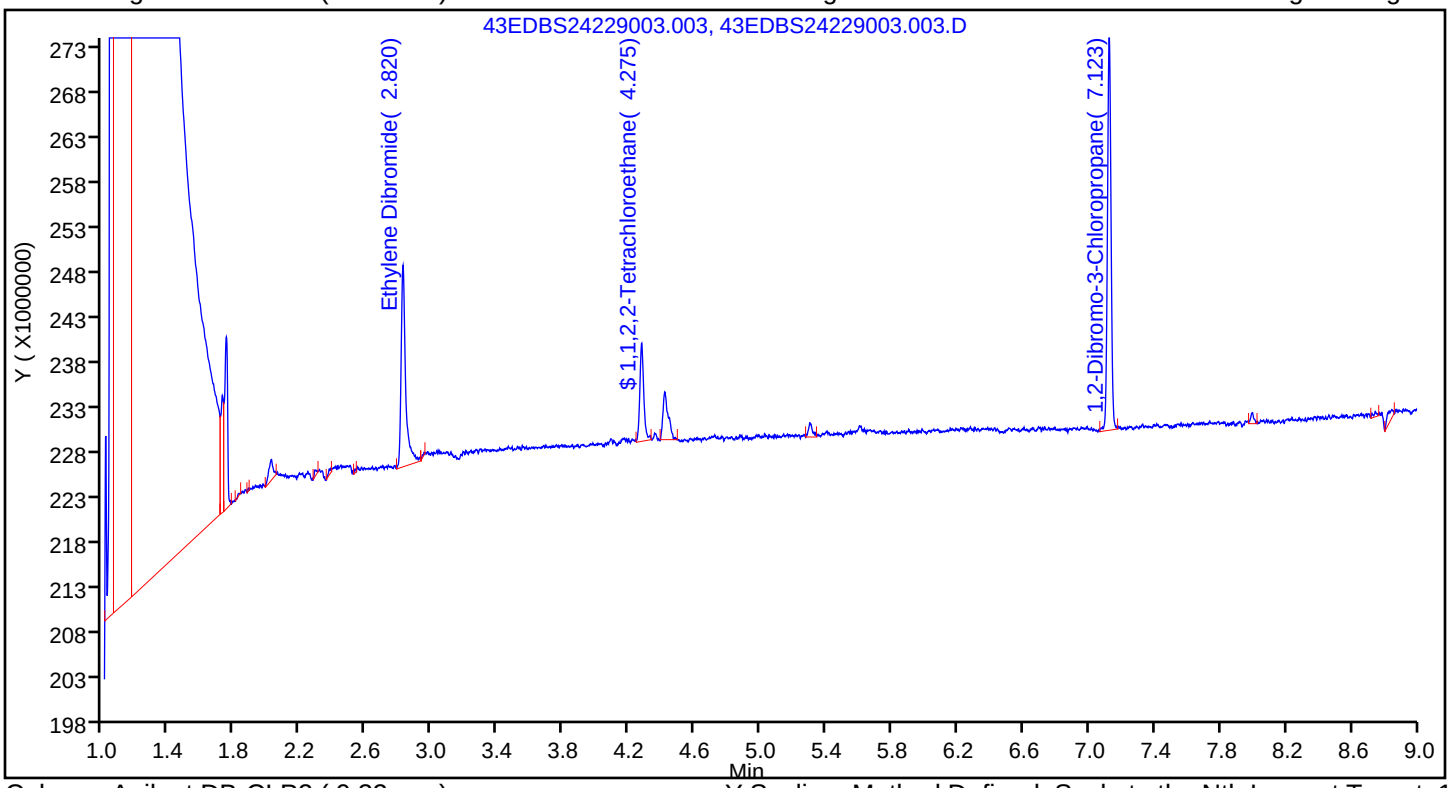
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 3

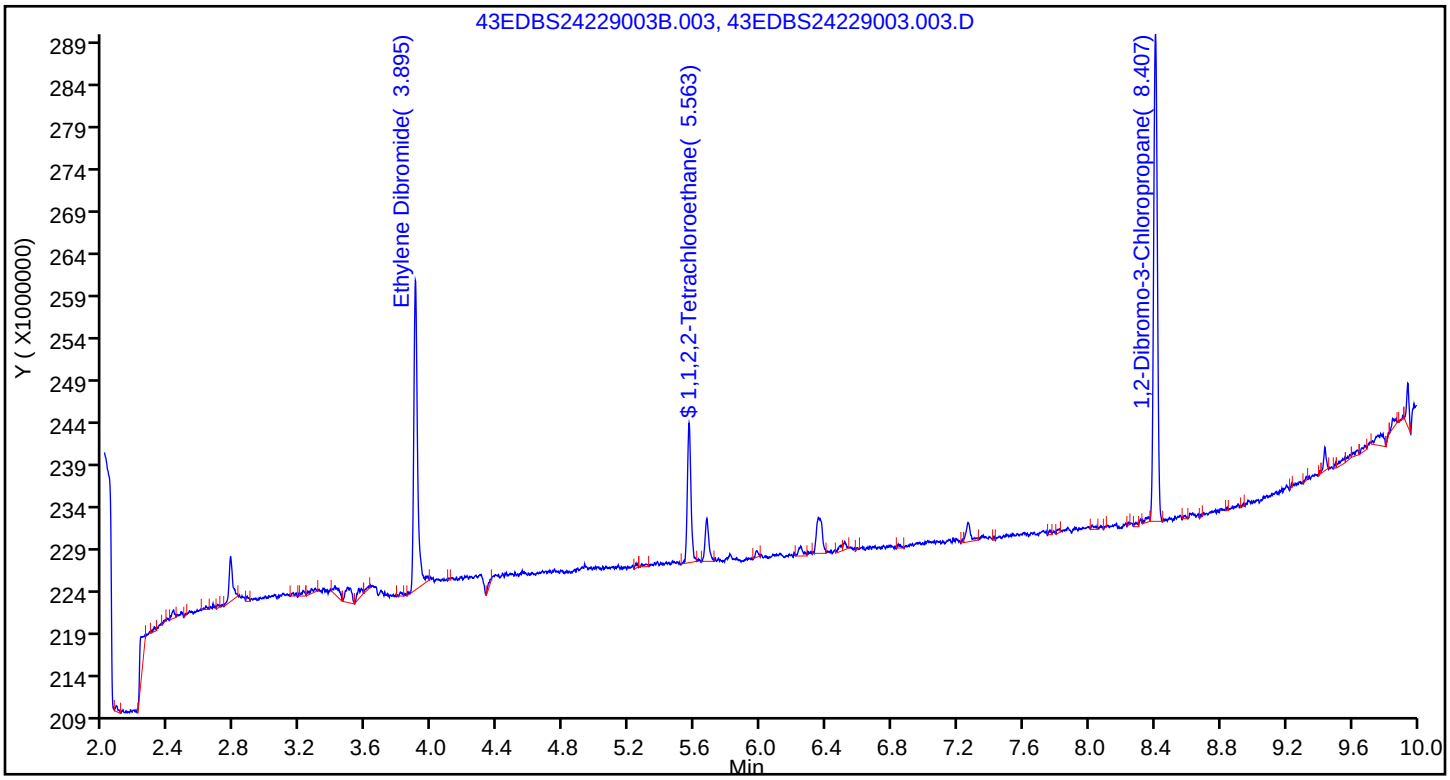
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846S Limit Group: GCSV - 8011 Solid

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-309671-1

SDG No.:

Lab Sample ID: CCVRT 410-548652/3 Calibration Date: 09/06/2024 13:44

Instrument ID: 19846 Calib Start Date: 08/16/2024 11:29

GC Column: DB CLP2 ID: 0.32(mm) Calib End Date: 08/16/2024 12:55

Lab File ID: 43EDBS24229003.003.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Ethylene Dibromide	Qua		14482286		2.51	2.51	0.0	40.0
1,2-Dibromo-3-Chloropropane	Lin		22902148		2.53	2.50	1.4	40.0
1,1,2,2-Tetrachloroethane (Surr)	Lin		13324739		1.33	1.23	8.2	40.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-309671-1

SDG No.:

Lab Sample ID: CCVRT 410-548652/3
Calibration Date: 09/06/2024 13:44

Instrument ID: 19846
Calib Start Date: 08/16/2024 11:29

GC Column: DB CLP2 ID: 0.32(mm)
Calib End Date: 08/16/2024 12:55

Lab File ID: 43EDBS24229003.003.D

Analyte	RT	RT WINDOW	
		FROM	TO
Ethylene Dibromide	3.90	3.87	3.93
1,2-Dibromo-3-Chloropropane	8.41	8.38	8.44
1,1,2,2-Tetrachloroethane (Surr)	5.56	5.53	5.59

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240906-124269.b\43EDBS24229003.003.D
Lims ID: ccvrt
Client ID:
Sample Type: CCVRT
Inject. Date: 06-Sep-2024 13:44:00 ALS Bottle#: 0 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: ccvrt
Operator ID: Instrument ID: 19846
Sublist: chrom-8011_19846S*sub1

Method: \\chromfs\Lancaster\ChromData\19846\20240906-124269.b\8011_19846S.m
Limit Group: GCSV - 8011 Solid
Last Update: 09-Sep-2024 08:27:05 Calib Date: 16-Aug-2024 12:55:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240816-122419.b\43EDBS24229001.009.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1644

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	2.820	2.820	0.000	22306181H	2.51	2.47	
2	3.895	3.895	0.000	36314332H	2.51	2.51	
						RPD = 1.52	
$ 2 1,1,2,2-Tetrachloroethane							
1	4.275	4.275	0.000	10774698H	1.23	1.37	
2	5.563	5.563	0.000	16422741H	1.23	1.33	
						RPD = 2.76	
3 1,2-Dibromo-3-Chloropropane							
1	7.123	7.123	0.000	43480631H	2.50	2.68	
2	8.407	8.407	0.000	57255370H	2.50	2.53	
						RPD = 5.79	

Reagents:

GCS_EDBS4_00048 Amount Added: 1.00 Units: mL

Report Date: 09-Sep-2024 08:27:06 Chrom Revision: 2.3 26-Aug-2024 17:14:48

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240906-124269.b\43EDBS24229003.003.D

Injection Date: 06-Sep-2024 13:44:00 Instrument ID: 19846

Lims ID: ccvrt

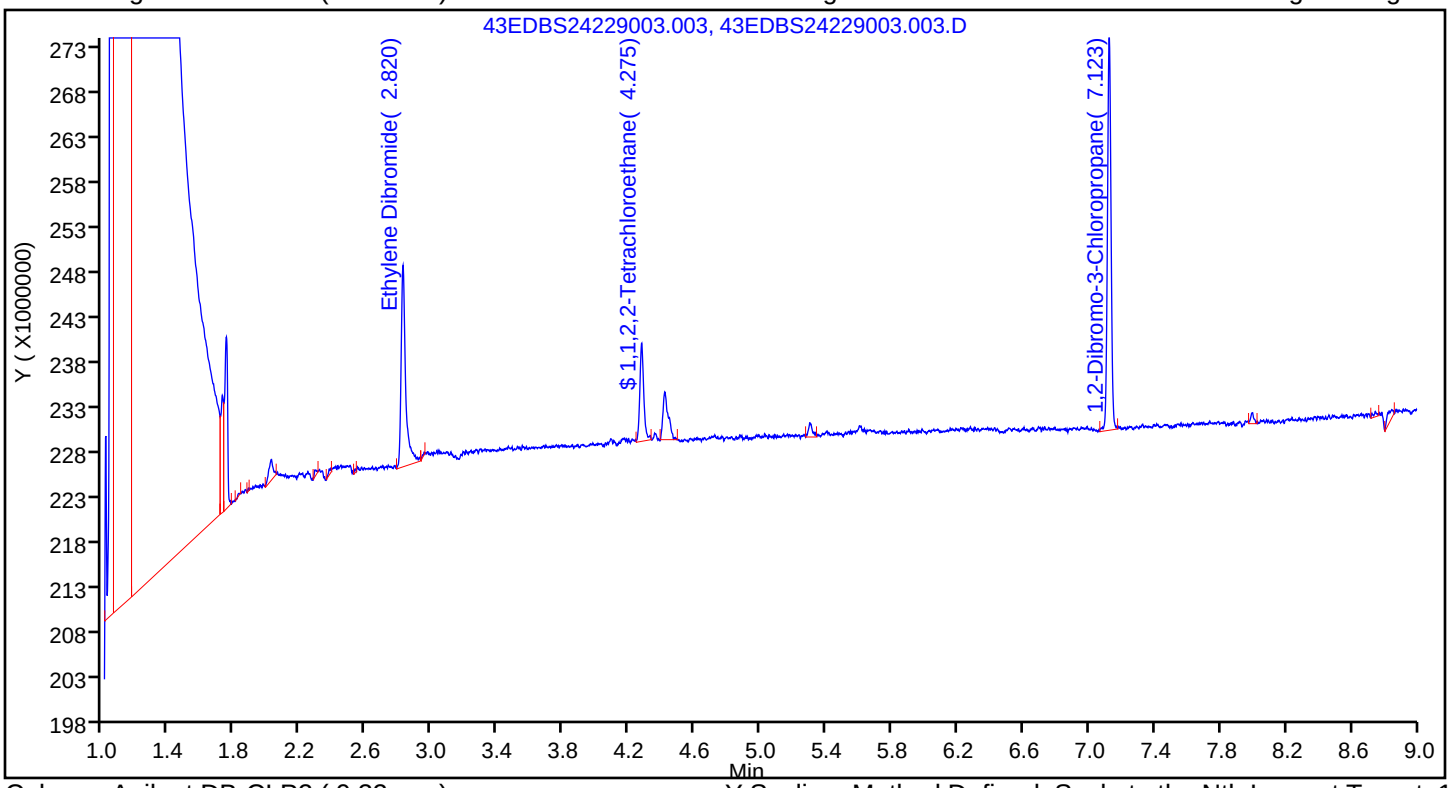
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 3

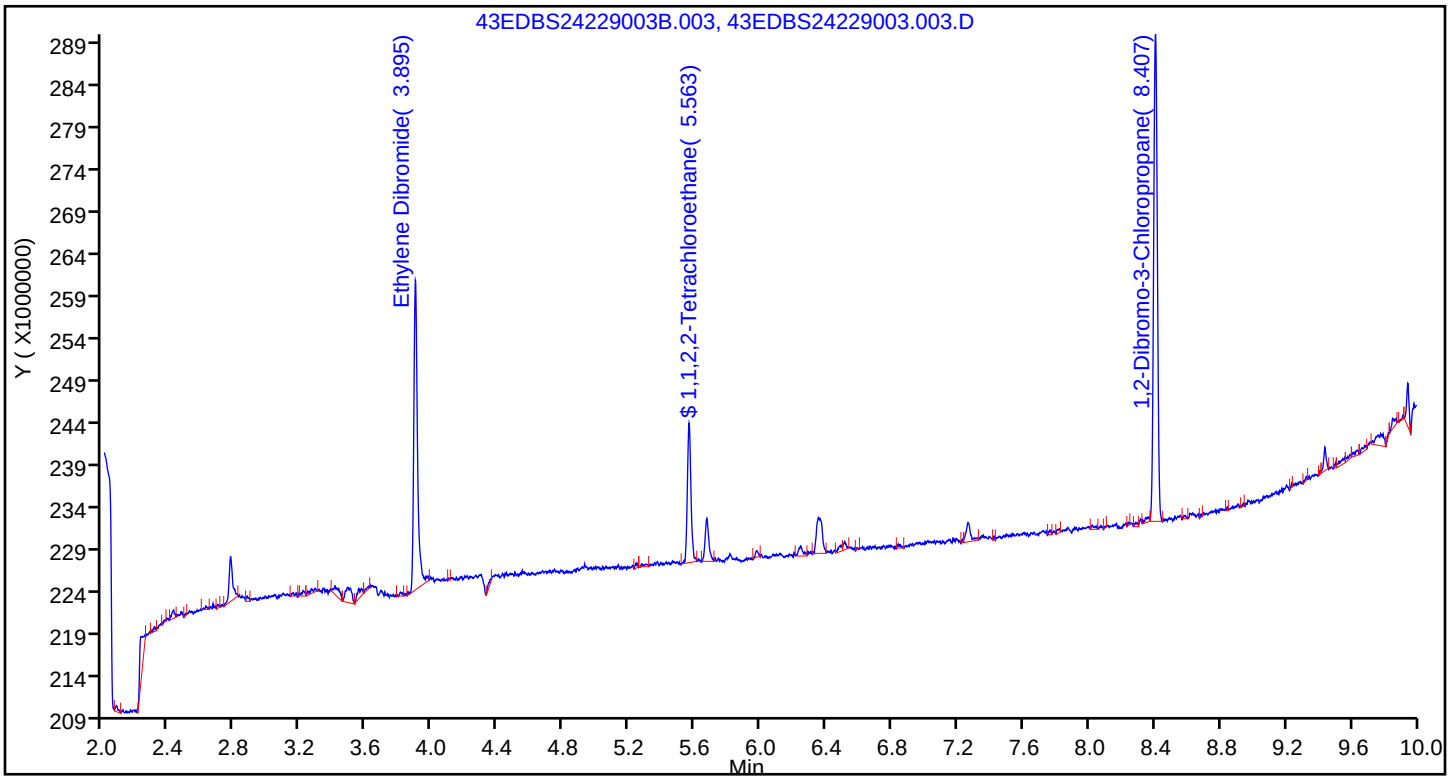
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846S Limit Group: GCSV - 8011 Solid

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-309671-1

SDG No.:

Lab Sample ID: CCV 410-548652/22 Calibration Date: 09/09/2024 07:56

Instrument ID: 19846 Calib Start Date: 08/16/2024 11:29

GC Column: DB CLP1 ID: 0.32(mm) Calib End Date: 08/16/2024 12:55

Lab File ID: 43EDBS24229003.011.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Ethylene Dibromide	Qua		9392370		2.65	2.51	5.5	40.0
1,2-Dibromo-3-Chloropropane	Lin		18197937		2.82	2.50	13.0	40.0
1,1,2,2-Tetrachloroethane (Surr)	Lin		9617755		1.52	1.23	23.6	40.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-309671-1

SDG No.:

Lab Sample ID: CCV 410-548652/22
Calibration Date: 09/09/2024 07:56

Instrument ID: 19846
Calib Start Date: 08/16/2024 11:29

GC Column: DB CLP1 ID: 0.32(mm)
Calib End Date: 08/16/2024 12:55

Lab File ID: 43EDBS24229003.011.D

Analyte	RT	RT WINDOW	
		FROM	TO
Ethylene Dibromide	2.82	2.79	2.85
1,2-Dibromo-3-Chloropropane	7.13	7.09	7.15
1,1,2,2-Tetrachloroethane (Surr)	4.27	4.25	4.31

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240906-124269.b\43EDBS24229003.011.D
Lims ID: ccv
Client ID:
Sample Type: CCV
Inject. Date: 09-Sep-2024 07:56:00 ALS Bottle#: 0 Worklist Smp#: 22
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: ccv
Operator ID: Instrument ID: 19846
Sublist: chrom-8011_19846S*sub1

Method: \\chromfs\Lancaster\ChromData\19846\20240906-124269.b\8011_19846S.m
Limit Group: GCSV - 8011 Solid
Last Update: 09-Sep-2024 08:27:14 Calib Date: 16-Aug-2024 12:55:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240816-122419.b\43EDBS24229001.009.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1644

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	2.820	2.820	0.000	23551369H	2.51	2.65	
2	3.888	3.895	-0.007	37331075H	2.51	2.60	
						RPD = 1.80	
$ 2 1,1,2,2-Tetrachloroethane							
1	4.273	4.275	-0.002	11853883H	1.23	1.52	
2	5.557	5.563	-0.006	17368447H	1.23	1.42	
						RPD = 7.21	
3 1,2-Dibromo-3-Chloropropane							
1	7.125	7.123	0.002	45494843H	2.50	2.82	
2	8.402	8.407	-0.005	57004425H	2.50	2.52	
						RPD = 11.34	

Reagents:

GCS_EDBS4_00048 Amount Added: 1.00 Units: mL

Report Date: 09-Sep-2024 08:27:14 Chrom Revision: 2.3 26-Aug-2024 17:14:48

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240906-124269.b\43EDBS24229003.011.D

Injection Date: 09-Sep-2024 07:56:00 Instrument ID: 19846

Lims ID: ccv

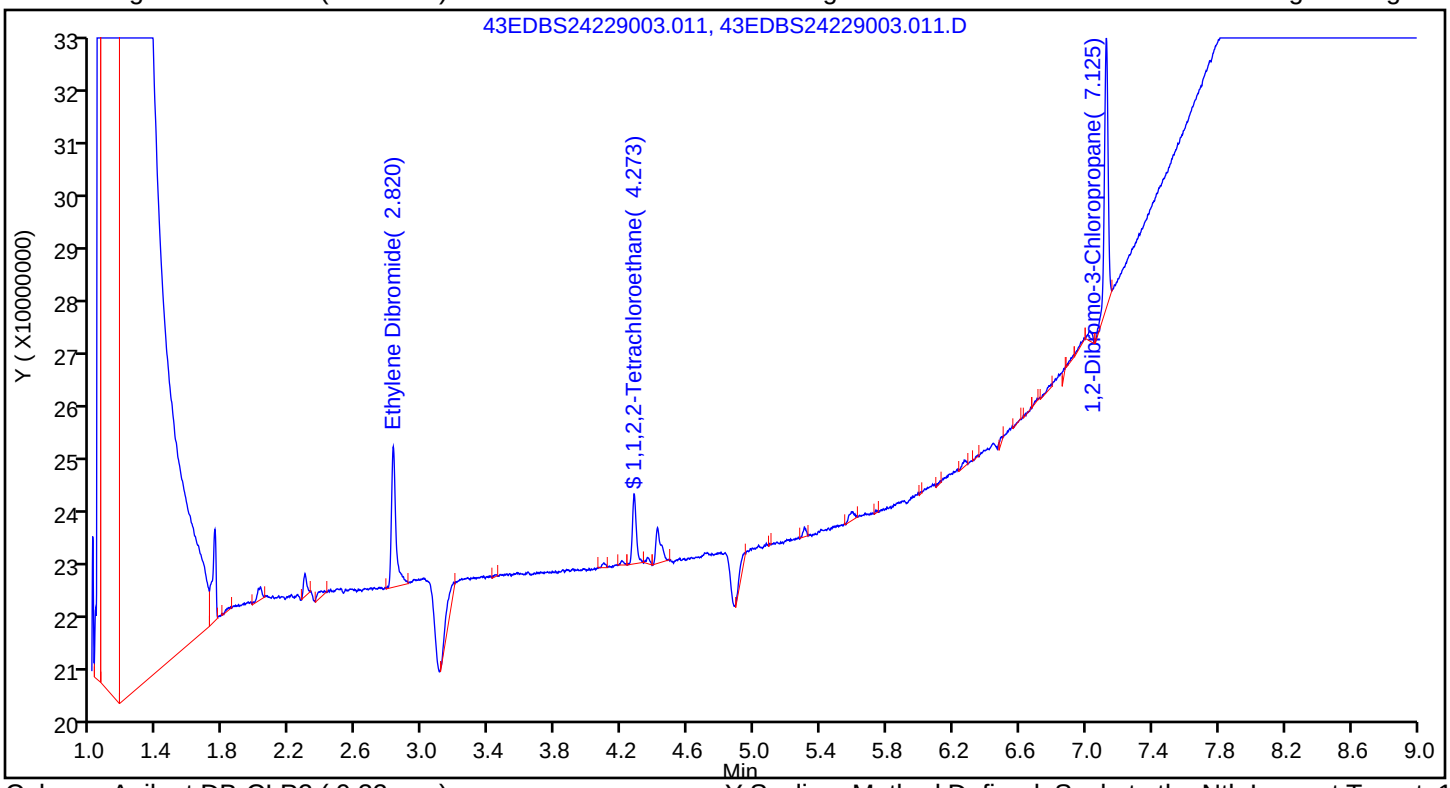
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 22

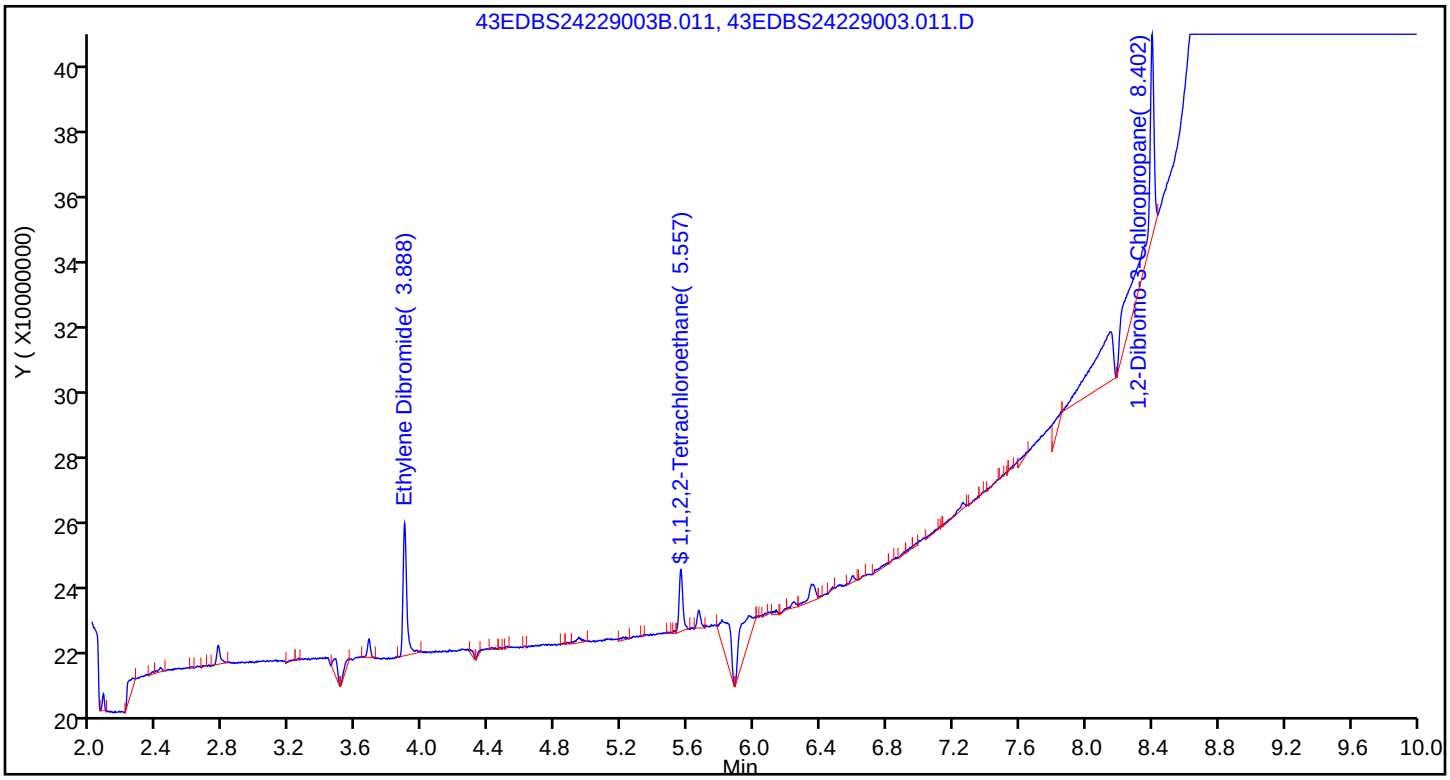
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846S Limit Group: GCSV - 8011 Solid

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-309671-1

SDG No.:

Lab Sample ID: CCV 410-548652/22 Calibration Date: 09/09/2024 07:56

Instrument ID: 19846 Calib Start Date: 08/16/2024 11:29

GC Column: DB CLP2 ID: 0.32(mm) Calib End Date: 08/16/2024 12:55

Lab File ID: 43EDBS24229003.011.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Ethylene Dibromide	Qua		14887767		2.60	2.51	3.6	40.0
1,2-Dibromo-3-Chloropropane	Lin		22801770		2.52	2.50	0.9	40.0
1,1,2,2-Tetrachloroethane (Surr)	Lin		14092046		1.42	1.23	15.0	40.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-309671-1

SDG No.:

Lab Sample ID: CCV 410-548652/22
Calibration Date: 09/09/2024 07:56

Instrument ID: 19846
Calib Start Date: 08/16/2024 11:29

GC Column: DB CLP2 ID: 0.32(mm)
Calib End Date: 08/16/2024 12:55

Lab File ID: 43EDBS24229003.011.D

Analyte	RT	RT WINDOW	
		FROM	TO
Ethylene Dibromide	3.89	3.87	3.93
1,2-Dibromo-3-Chloropropane	8.40	8.38	8.44
1,1,2,2-Tetrachloroethane (Surr)	5.56	5.53	5.59

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240906-124269.b\43EDBS24229003.011.D
Lims ID: ccv
Client ID:
Sample Type: CCV
Inject. Date: 09-Sep-2024 07:56:00 ALS Bottle#: 0 Worklist Smp#: 22
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: ccv
Operator ID: Instrument ID: 19846
Sublist: chrom-8011_19846S*sub1

Method: \\chromfs\Lancaster\ChromData\19846\20240906-124269.b\8011_19846S.m
Limit Group: GCSV - 8011 Solid
Last Update: 09-Sep-2024 08:27:14 Calib Date: 16-Aug-2024 12:55:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240816-122419.b\43EDBS24229001.009.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1644

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	2.820	2.820	0.000	23551369H	2.51	2.65	
2	3.888	3.895	-0.007	37331075H	2.51	2.60	
						RPD = 1.80	
$ 2 1,1,2,2-Tetrachloroethane							
1	4.273	4.275	-0.002	11853883H	1.23	1.52	
2	5.557	5.563	-0.006	17368447H	1.23	1.42	
						RPD = 7.21	
3 1,2-Dibromo-3-Chloropropane							
1	7.125	7.123	0.002	45494843H	2.50	2.82	
2	8.402	8.407	-0.005	57004425H	2.50	2.52	
						RPD = 11.34	

Reagents:

GCS_EDBS4_00048 Amount Added: 1.00 Units: mL

Report Date: 09-Sep-2024 08:27:14 Chrom Revision: 2.3 26-Aug-2024 17:14:48

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240906-124269.b\43EDBS24229003.011.D

Injection Date: 09-Sep-2024 07:56:00 Instrument ID: 19846

Lims ID: ccv

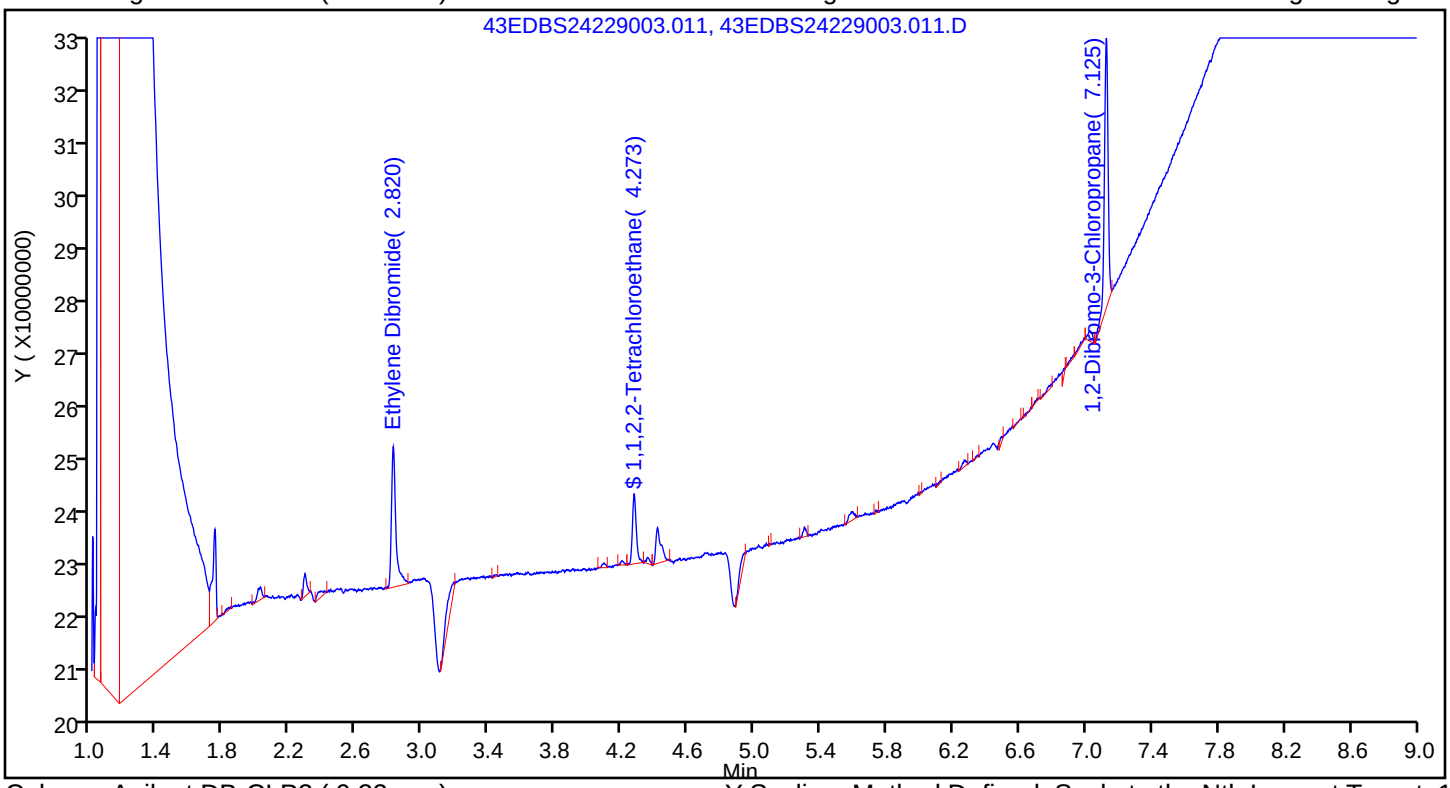
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 22

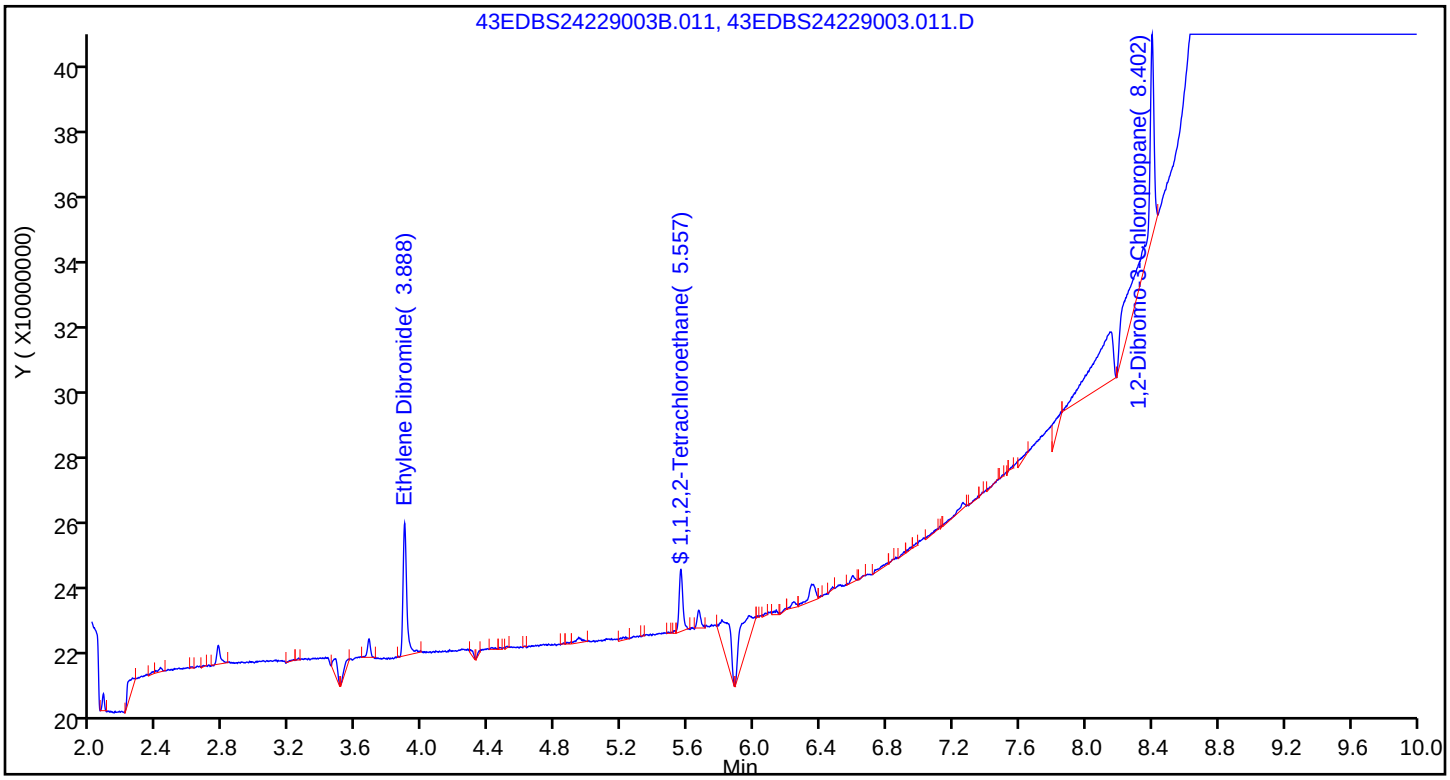
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846S Limit Group: GCSV - 8011 Solid

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-309671-1

SDG No.:

Lab Sample ID: ICV 410-531918/10
Calibration Date: 07/24/2024 15:27

Instrument ID: 19853
Calib Start Date: 07/24/2024 13:47

GC Column: DB CLP1 ID: 0.32(mm)
Calib End Date: 07/24/2024 14:54

Lab File ID: 16EDBW24206001.010.D
Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Ethylene Dibromide	Ave	26898502	26570490		1.25	1.26	-1.2	40.0
1,2-Dibromo-3-Chloropropane	Ave	72139454	72724396		1.26	1.25	0.8	40.0
1,1,2,2-Tetrachloroethane (Surr)	Ave	31479414	31298825		0.613	0.616	-0.6	40.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-309671-1

SDG No.:

Lab Sample ID: ICV 410-531918/10
Calibration Date: 07/24/2024 15:27

Instrument ID: 19853
Calib Start Date: 07/24/2024 13:47

GC Column: DB CLP1 ID: 0.32(mm)
Calib End Date: 07/24/2024 14:54

Lab File ID: 16EDBW24206001.010.D

Analyte	RT	RT WINDOW	
		FROM	TO
Ethylene Dibromide	4.10	4.07	4.13
1,2-Dibromo-3-Chloropropane	8.55	8.52	8.58
1,1,2,2-Tetrachloroethane (Surr)	5.62	5.59	5.65

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19853\20240724-120238.b\16EDBW24206001.010.D
Lims ID: icv
Client ID:
Sample Type: ICV
Inject. Date: 24-Jul-2024 15:27:00 ALS Bottle#: 0 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: icv
Misc. Info.: 410-0120238-010
Operator ID: 120 Instrument ID: 19853
Sublist:

Method: \\chromfs\Lancaster\ChromData\19853\20240724-120238.b\8011_19853.m
Limit Group: GCSV - 8011 Waters
Last Update: 25-Jul-2024 08:14:22 Calib Date: 24-Jul-2024 14:54:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19853\20240724-120238.b\16EDBW24206001.008.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1601

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	4.102	4.100	0.002	33545244H	1.26	1.25	
2	4.877	4.877	0.000	29149971H	1.26	1.21	
						RPD = 2.90	
$ 2 1,1,2,2-Tetrachloroethane							
1	5.617	5.617	0.000	19287901H	0.6163	0.6127	
2	6.565	6.565	0.000	15301049H	0.6163	0.6055	
						RPD = 1.19	
3 1,2-Dibromo-3-Chloropropane							
1	8.550	8.550	0.000	90814589H	1.25	1.26	
2	9.258	9.258	0.000	76957976H	1.25	1.19	
						RPD = 5.55	

Reagents:

GCS_EDBICV_00044 Amount Added: 1.00 Units: mL

Report Date: 25-Jul-2024 08:14:57 Chrom Revision: 2.3 16-Jul-2024 14:17:34

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19853\20240724-120238.b\16EDBW24206001.010.D

Injection Date: 24-Jul-2024 15:27:00 Instrument ID: 19853

Lims ID: icv

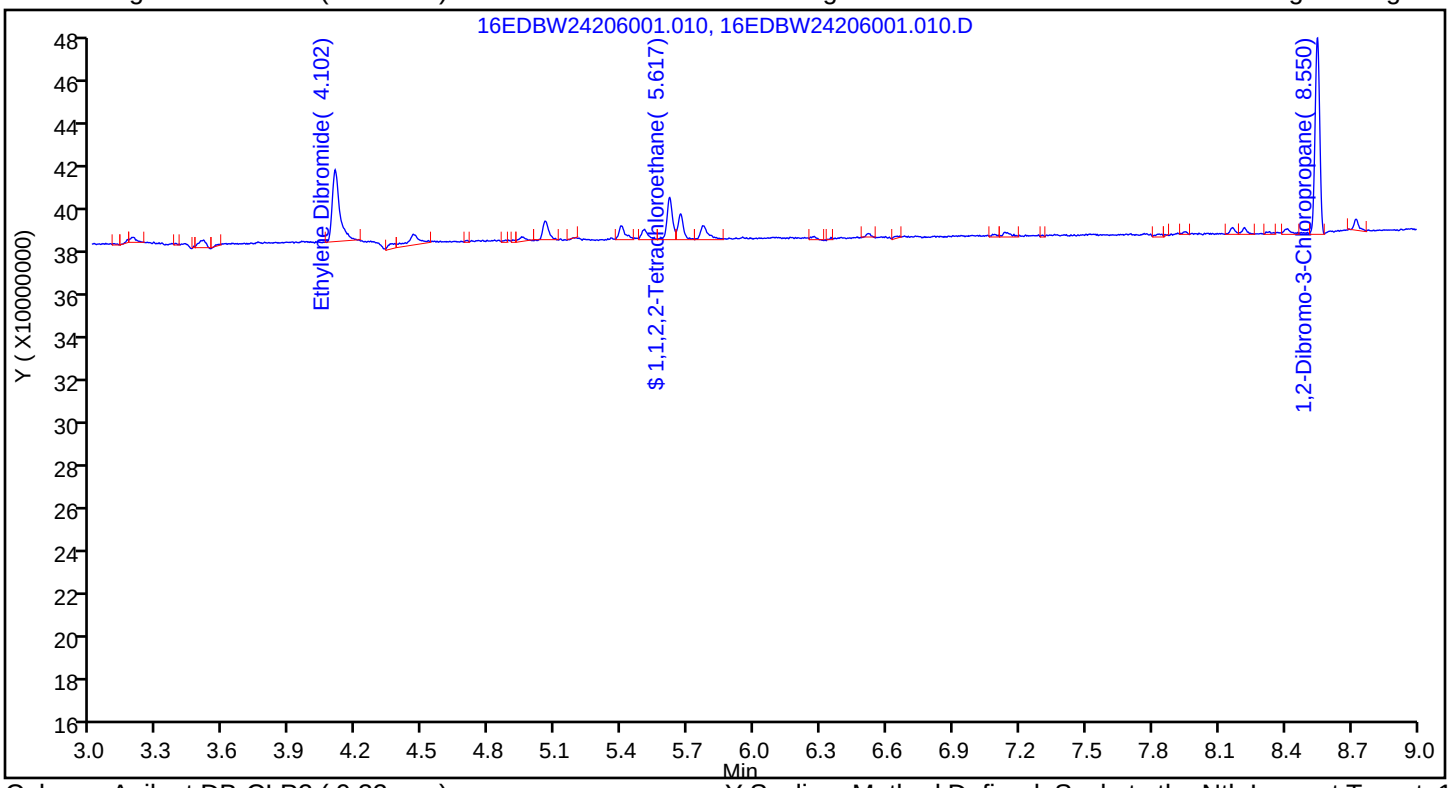
Client ID:

Operator ID: 120 ALS Bottle#: 0 Worklist Smp#: 10

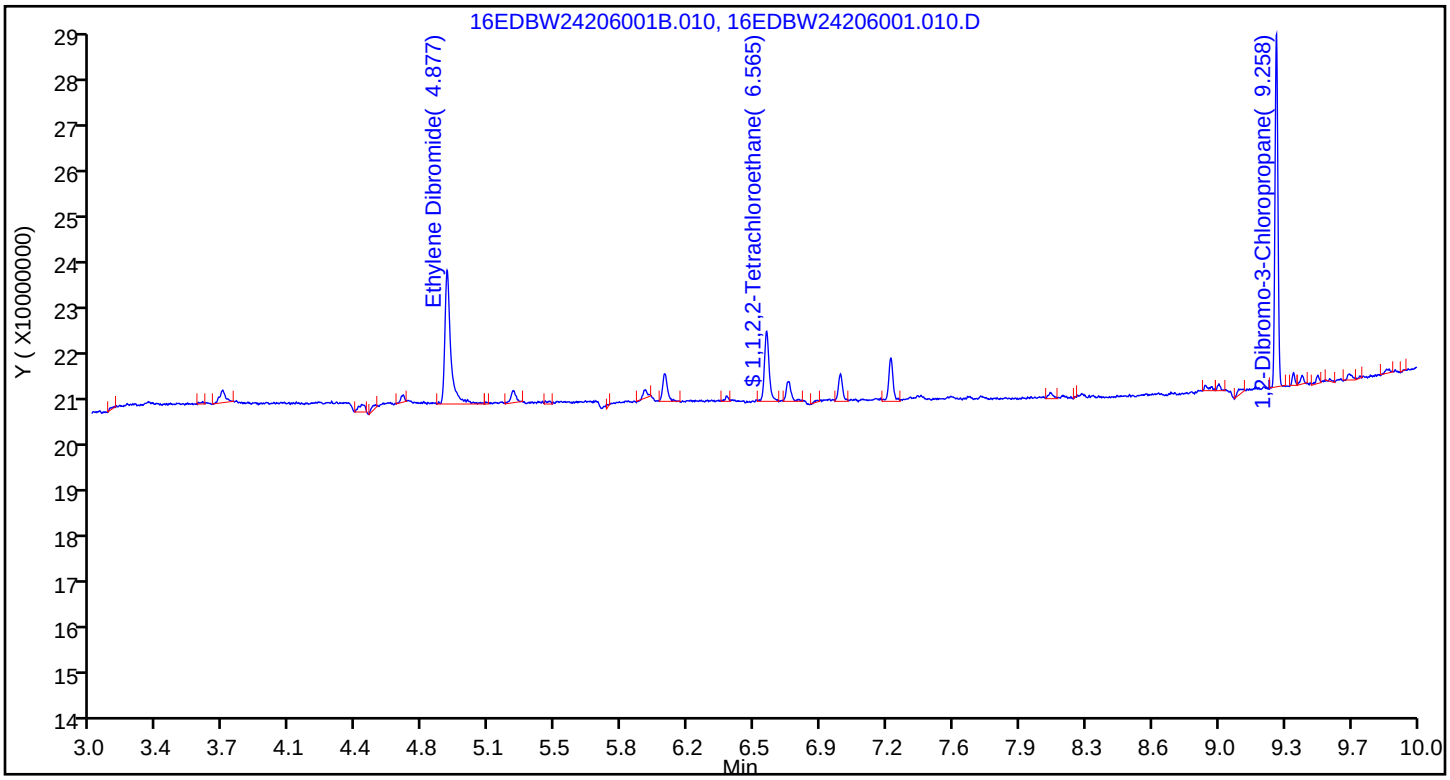
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19853 Limit Group: GCSV - 8011 Waters

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-309671-1

SDG No.:

Lab Sample ID: ICV 410-531918/10 Calibration Date: 07/24/2024 15:27

Instrument ID: 19853 Calib Start Date: 07/24/2024 13:47

GC Column: DB CLP2 ID: 0.32(mm) Calib End Date: 07/24/2024 14:54

Lab File ID: 16EDBW24206001.010.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Ethylene Dibromide	Ave	24061894	23089086		1.21	1.26	-4.0	40.0
1,2-Dibromo-3-Chloropropane	Ave	64623695	61628009		1.19	1.25	-4.6	40.0
1,1,2,2-Tetrachloroethane (Surr)	Ave	25272151	24829288		0.605	0.616	-1.8	40.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-309671-1

SDG No.:

Lab Sample ID: ICV 410-531918/10
Calibration Date: 07/24/2024 15:27

Instrument ID: 19853
Calib Start Date: 07/24/2024 13:47

GC Column: DB CLP2 ID: 0.32(mm)
Calib End Date: 07/24/2024 14:54

Lab File ID: 16EDBW24206001.010.D

Analyte	RT	RT WINDOW	
		FROM	TO
Ethylene Dibromide	4.88	4.85	4.91
1,2-Dibromo-3-Chloropropane	9.26	9.23	9.29
1,1,2,2-Tetrachloroethane (Surr)	6.57	6.54	6.60

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19853\20240724-120238.b\16EDBW24206001.010.D
Lims ID: icv
Client ID:
Sample Type: ICV
Inject. Date: 24-Jul-2024 15:27:00 ALS Bottle#: 0 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: icv
Misc. Info.: 410-0120238-010
Operator ID: 120 Instrument ID: 19853
Sublist:

Method: \\chromfs\Lancaster\ChromData\19853\20240724-120238.b\8011_19853.m
Limit Group: GCSV - 8011 Waters
Last Update: 25-Jul-2024 08:14:22 Calib Date: 24-Jul-2024 14:54:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19853\20240724-120238.b\16EDBW24206001.008.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1601

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	4.102	4.100	0.002	33545244H	1.26	1.25	
2	4.877	4.877	0.000	29149971H	1.26	1.21	
						RPD = 2.90	
$ 2 1,1,2,2-Tetrachloroethane							
1	5.617	5.617	0.000	19287901H	0.6163	0.6127	
2	6.565	6.565	0.000	15301049H	0.6163	0.6055	
						RPD = 1.19	
3 1,2-Dibromo-3-Chloropropane							
1	8.550	8.550	0.000	90814589H	1.25	1.26	
2	9.258	9.258	0.000	76957976H	1.25	1.19	
						RPD = 5.55	

Reagents:

GCS_EDBICV_00044 Amount Added: 1.00 Units: mL

Report Date: 25-Jul-2024 08:14:57 Chrom Revision: 2.3 16-Jul-2024 14:17:34

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19853\20240724-120238.b\16EDBW24206001.010.D

Injection Date: 24-Jul-2024 15:27:00 Instrument ID: 19853

Lims ID: icv

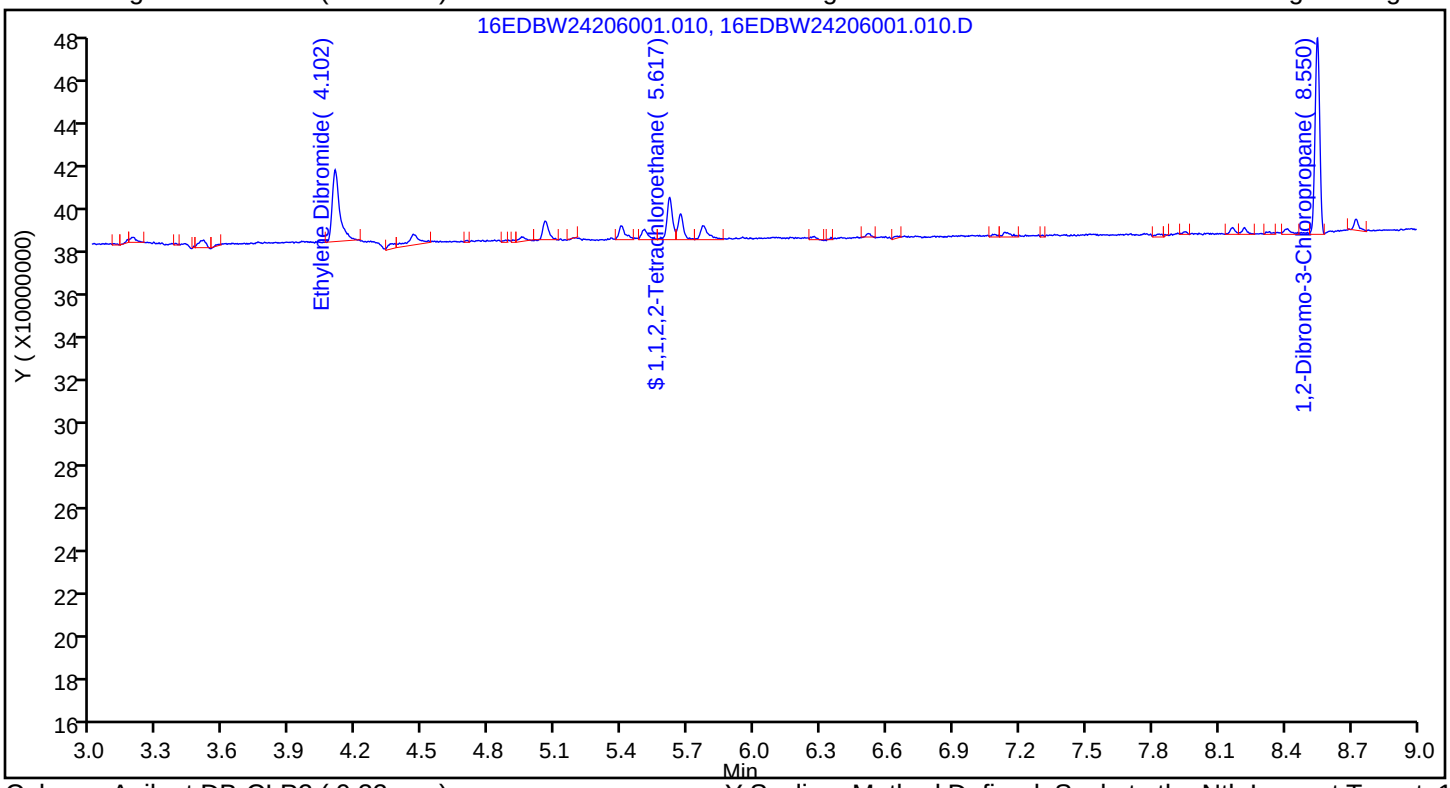
Client ID:

Operator ID: 120 ALS Bottle#: 0 Worklist Smp#: 10

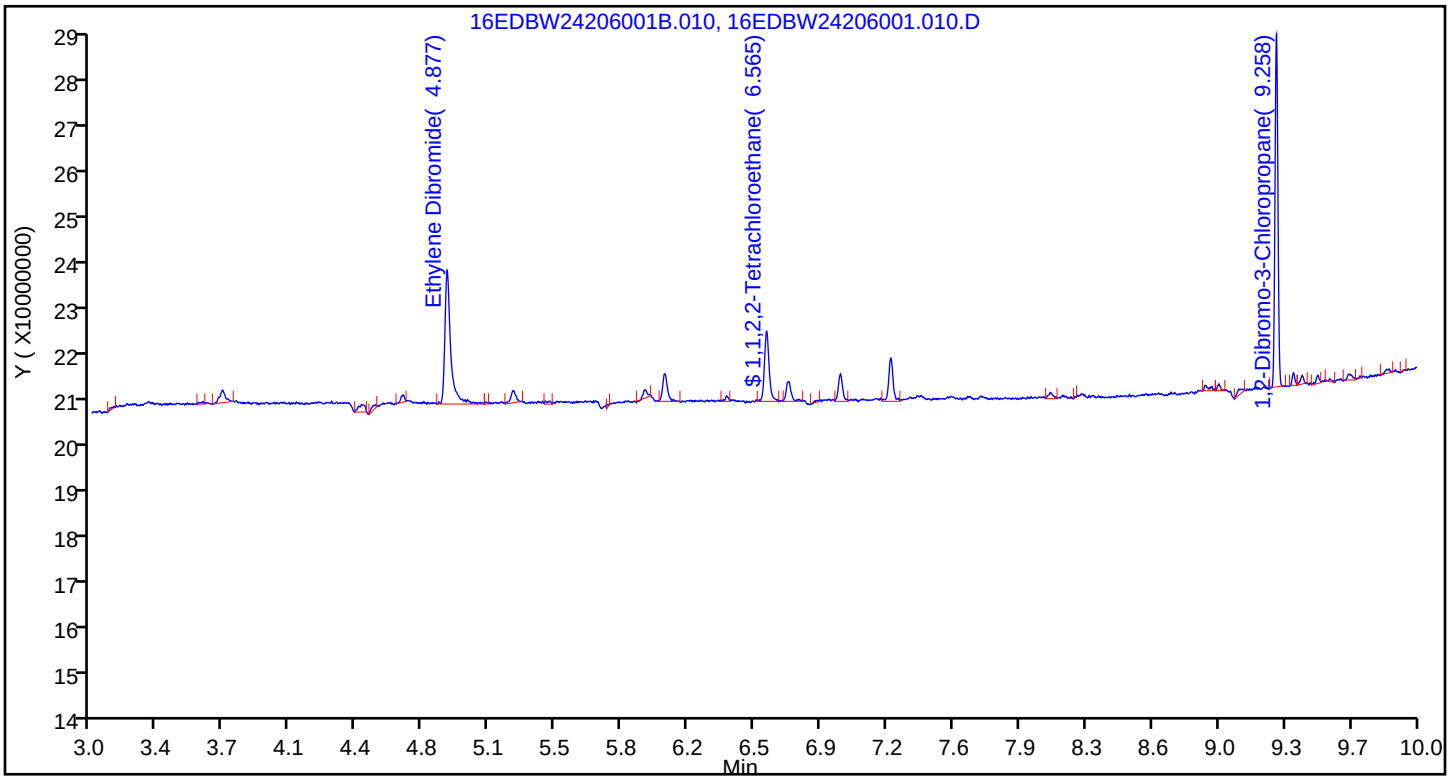
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19853 Limit Group: GCSV - 8011 Waters

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-309671-1

SDG No.:

Lab Sample ID: CCVRT 410-543779/3 Calibration Date: 08/23/2024 08:35

Instrument ID: 19853 Calib Start Date: 07/24/2024 13:47

GC Column: DB CLP1 ID: 0.32(mm) Calib End Date: 07/24/2024 14:54

Lab File ID: 16EDBW24206016.003.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Ethylene Dibromide	Ave	26898502	25615837		2.39	2.51	-4.8	40.0
1,2-Dibromo-3-Chloropropane	Ave	72139454	62258684		2.16	2.50	-13.7	40.0
1,1,2,2-Tetrachloroethane (Surr)	Ave	31479414	29233163		1.14	1.23	-7.1	40.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-309671-1

SDG No.:

Lab Sample ID: CCVRT 410-543779/3
Calibration Date: 08/23/2024 08:35

Instrument ID: 19853
Calib Start Date: 07/24/2024 13:47

GC Column: DB CLP1 ID: 0.32(mm)
Calib End Date: 07/24/2024 14:54

Lab File ID: 16EDBW24206016.003.D

Analyte	RT	RT WINDOW	
		FROM	TO
Ethylene Dibromide	4.11	4.08	4.14
1,2-Dibromo-3-Chloropropane	8.55	8.52	8.58
1,1,2,2-Tetrachloroethane (Surr)	5.62	5.59	5.65

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19853\20240823-123056.b\16EDBW24206016.003.D
Lims ID: ccvrt
Client ID:
Sample Type: CCVRT
Inject. Date: 23-Aug-2024 08:35:00 ALS Bottle#: 0 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: ccvrt
Misc. Info.: 410-0121628-003
Operator ID: 120 Instrument ID: 19853
Sublist: chrom-8011_19853*sub1

Method: \\chromfs\Lancaster\ChromData\19853\20240823-123056.b\8011_19853.m
Limit Group: GCSV - 8011 Waters
Last Update: 23-Aug-2024 13:43:03 Calib Date: 24-Jul-2024 14:54:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19853\20240724-120238.b\16EDBW24206001.008.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1628

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	4.112	4.112	0.000	64231712H	2.51	2.39	
2	4.883	4.883	0.000	61949488H	2.51	2.57	
						RPD = 7.52	
$ 2 1,1,2,2-Tetrachloroethane							
1	5.618	5.618	0.000	36029874H	1.23	1.14	
2	6.568	6.568	0.000	33314618H	1.23	1.32	
						RPD = 14.10	
3 1,2-Dibromo-3-Chloropropane							
1	8.548	8.548	0.000	155646710H	2.50	2.16	
2	9.258	9.258	0.000	155603306H	2.50	2.41	
						RPD = 10.96	

Reagents:

GCS_EDB4_00037 Amount Added: 1.00 Units: mL

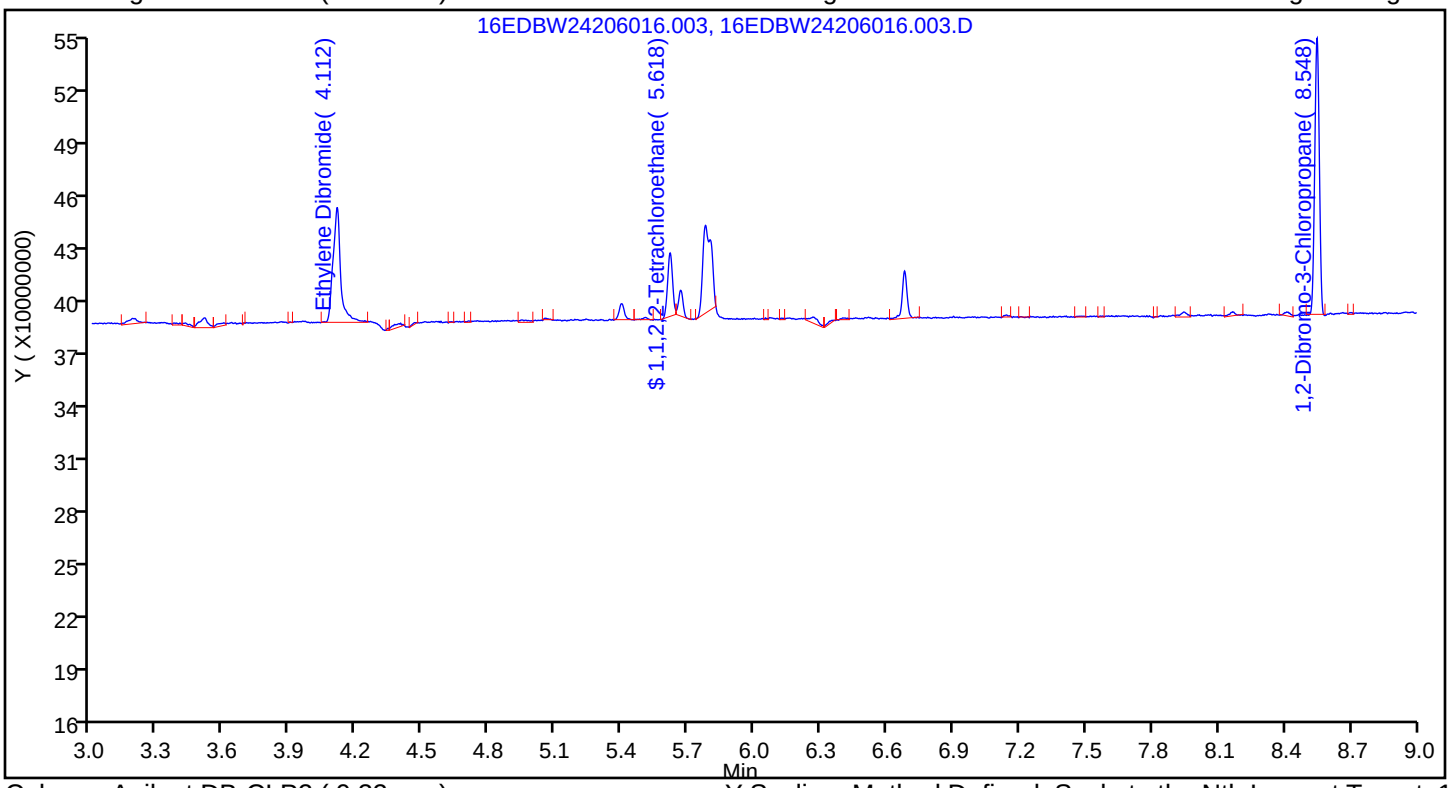
Report Date: 23-Aug-2024 13:43:04 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Lancaster Laboratories Environment Testing, LLC

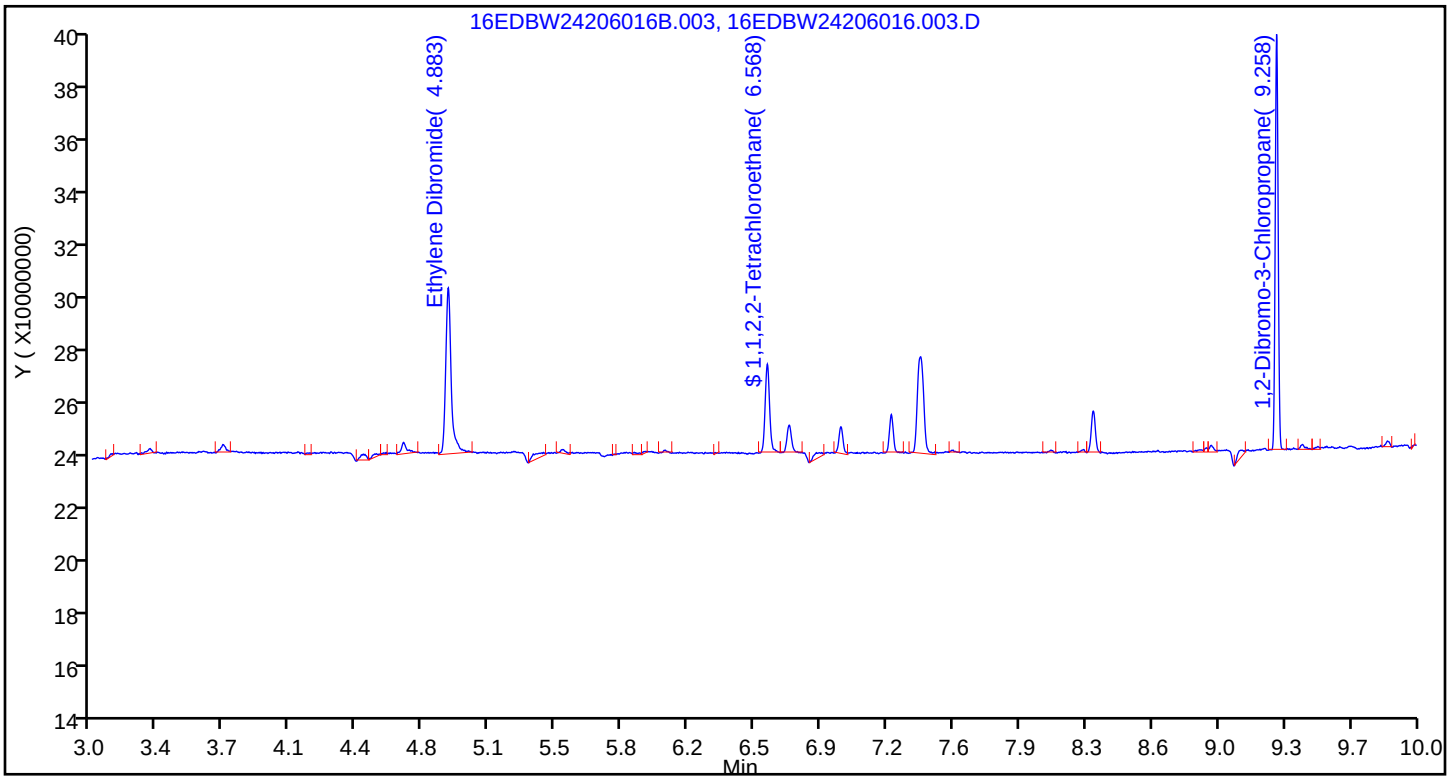
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Injection Date:	23-Aug-2024 08:35:00	Instrument ID:	19853		
Lims ID:	ccvrt				
Client ID:					
Operator ID:	120	ALS Bottle#:	0	Worklist Smp#:	3
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8011_19853	Limit Group:	GCSV - 8011 Waters		

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-309671-1

SDG No.:

Lab Sample ID: CCVRT 410-543779/3 Calibration Date: 08/23/2024 08:35

Instrument ID: 19853 Calib Start Date: 07/24/2024 13:47

GC Column: DB CLP2 ID: 0.32(mm) Calib End Date: 07/24/2024 14:54

Lab File ID: 16EDBW24206016.003.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Ethylene Dibromide	Ave	24061894	24705678		2.57	2.51	2.7	40.0
1,2-Dibromo-3-Chloropropane	Ave	64623695	62241322		2.41	2.50	-3.7	40.0
1,1,2,2-Tetrachloroethane (Surr)	Ave	25272151	27030116		1.32	1.23	7.0	40.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-309671-1

SDG No.:

Lab Sample ID: CCVRT 410-543779/3
Calibration Date: 08/23/2024 08:35

Instrument ID: 19853
Calib Start Date: 07/24/2024 13:47

GC Column: DB CLP2 ID: 0.32(mm)
Calib End Date: 07/24/2024 14:54

Lab File ID: 16EDBW24206016.003.D

Analyte	RT	RT WINDOW	
		FROM	TO
Ethylene Dibromide	4.88	4.85	4.91
1,2-Dibromo-3-Chloropropane	9.26	9.23	9.29
1,1,2,2-Tetrachloroethane (Surr)	6.57	6.54	6.60

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19853\20240823-123056.b\16EDBW24206016.003.D
Lims ID: ccvrt
Client ID:
Sample Type: CCVRT
Inject. Date: 23-Aug-2024 08:35:00 ALS Bottle#: 0 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: ccvrt
Misc. Info.: 410-0121628-003
Operator ID: 120 Instrument ID: 19853
Sublist: chrom-8011_19853*sub1

Method: \\chromfs\Lancaster\ChromData\19853\20240823-123056.b\8011_19853.m
Limit Group: GCSV - 8011 Waters
Last Update: 23-Aug-2024 13:43:03 Calib Date: 24-Jul-2024 14:54:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19853\20240724-120238.b\16EDBW24206001.008.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1628

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	4.112	4.112	0.000	64231712H	2.51	2.39	
2	4.883	4.883	0.000	61949488H	2.51	2.57	
						RPD = 7.52	
$ 2 1,1,2,2-Tetrachloroethane							
1	5.618	5.618	0.000	36029874H	1.23	1.14	
2	6.568	6.568	0.000	33314618H	1.23	1.32	
						RPD = 14.10	
3 1,2-Dibromo-3-Chloropropane							
1	8.548	8.548	0.000	155646710H	2.50	2.16	
2	9.258	9.258	0.000	155603306H	2.50	2.41	
						RPD = 10.96	

Reagents:

GCS_EDB4_00037 Amount Added: 1.00 Units: mL

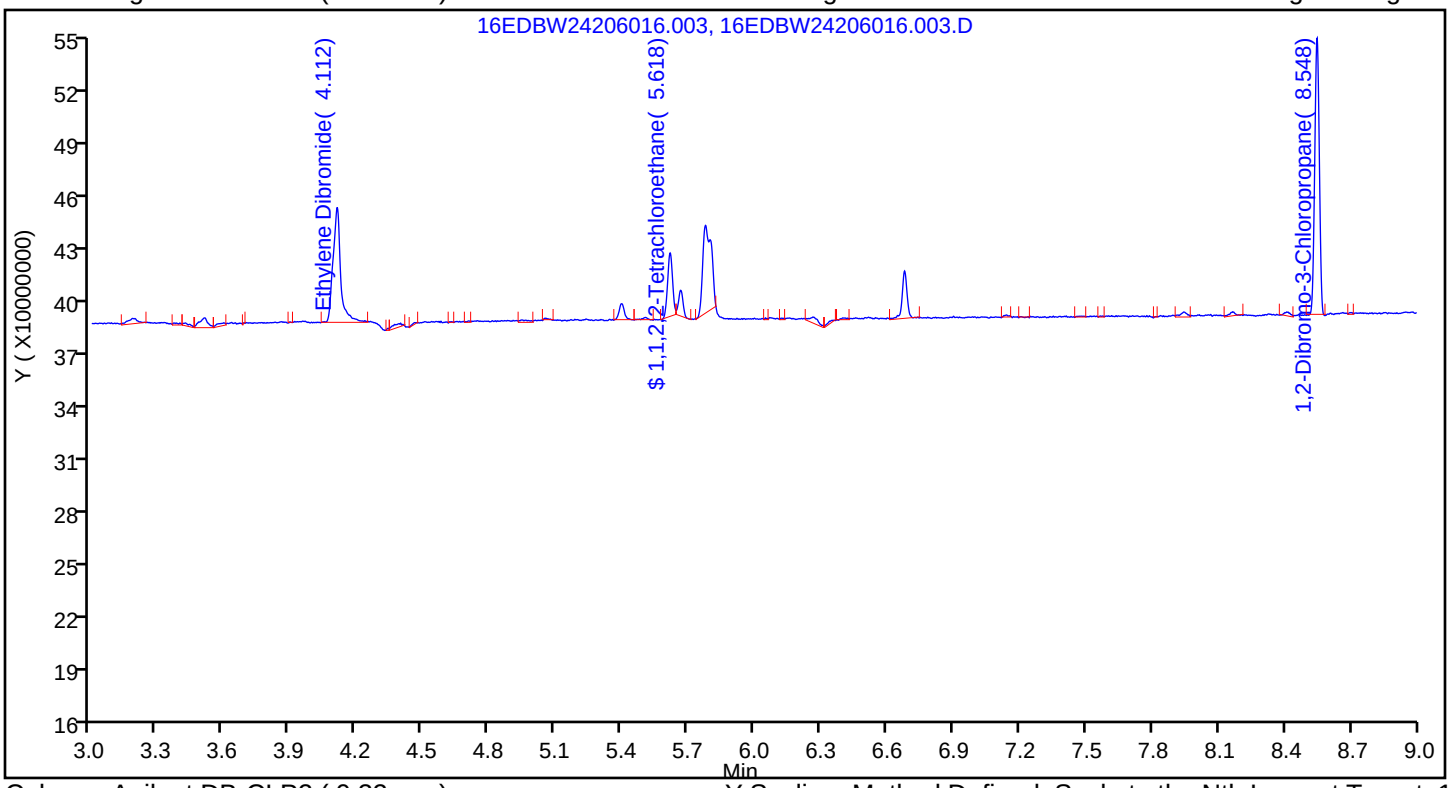
Report Date: 23-Aug-2024 13:43:04 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Lancaster Laboratories Environment Testing, LLC

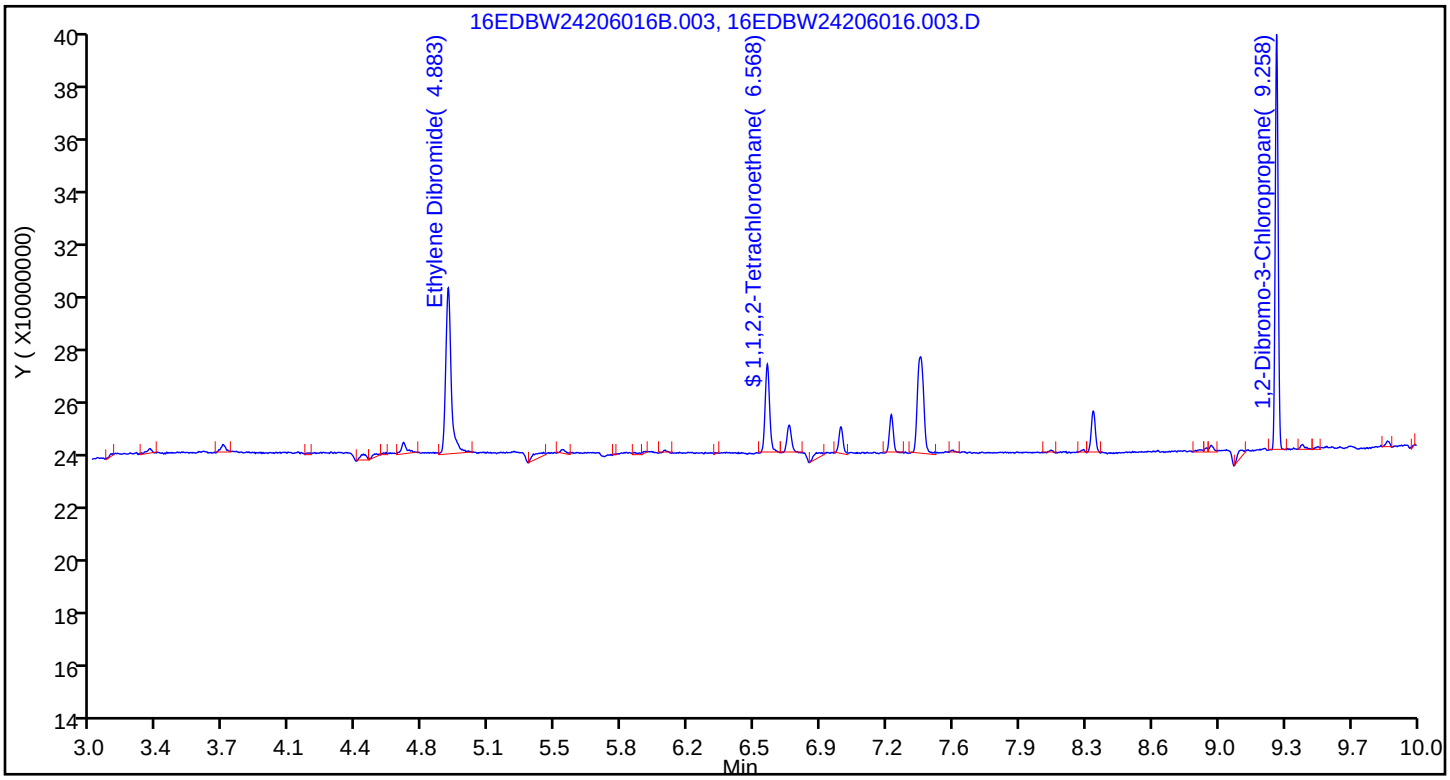
Data File: \\chromfs\Lancaster\ChromData\19853\20240823-123056.b\16EDBW24206016.003.D

Injection Date:	23-Aug-2024 08:35:00	Instrument ID:	19853		
Lims ID:	ccvrt				
Client ID:					
Operator ID:	120	ALS Bottle#:	0	Worklist Smp#:	3
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8011_19853	Limit Group:	GCSV - 8011 Waters		

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-309671-1

SDG No.:

Lab Sample ID: CCV 410-543779/19 Calibration Date: 08/23/2024 13:03

Instrument ID: 19853 Calib Start Date: 07/24/2024 13:47

GC Column: DB CLP1 ID: 0.32(mm) Calib End Date: 07/24/2024 14:54

Lab File ID: 16EDBW24206016.019.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Ethylene Dibromide	Ave	26898502	27426254		2.56	2.51	2.0	40.0
1,2-Dibromo-3-Chloropropane	Ave	72139454	68614094		2.38	2.50	-4.9	40.0
1,1,2,2-Tetrachloroethane (Surr)	Ave	31479414	31400088		1.23	1.23	-0.3	40.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-309671-1

SDG No.:

Lab Sample ID: CCV 410-543779/19
Calibration Date: 08/23/2024 13:03

Instrument ID: 19853
Calib Start Date: 07/24/2024 13:47

GC Column: DB CLP1 ID: 0.32(mm)
Calib End Date: 07/24/2024 14:54

Lab File ID: 16EDBW24206016.019.D

Analyte	RT	RT WINDOW	
		FROM	TO
Ethylene Dibromide	4.11	4.08	4.14
1,2-Dibromo-3-Chloropropane	8.55	8.52	8.58
1,1,2,2-Tetrachloroethane (Surr)	5.62	5.59	5.65

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19853\20240823-123056.b\16EDBW24206016.019.D
Lims ID: ccv
Client ID:
Sample Type: CCV
Inject. Date: 23-Aug-2024 13:03:00 ALS Bottle#: 0 Worklist Smp#: 19
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 410-184992-A-2-A
Misc. Info.: 410-0121628-019
Operator ID: 120 Instrument ID: 19853
Sublist: chrom-8011_19853*sub1

Method: \\chromfs\Lancaster\ChromData\19853\20240823-123056.b\8011_19853.m
Limit Group: GCSV - 8011 Waters
Last Update: 23-Aug-2024 13:43:21 Calib Date: 24-Jul-2024 14:54:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19853\20240724-120238.b\16EDBW24206001.008.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1628

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	4.110	4.112	-0.002	68771331H	2.51	2.56	
2	4.882	4.883	-0.001	68009362H	2.51	2.83	
						RPD = 10.02	
$ 2 1,1,2,2-Tetrachloroethane							
1	5.618	5.618	0.000	38700609H	1.23	1.23	
2	6.567	6.568	-0.001	35685686H	1.23	1.41	
						RPD = 13.83	
3 1,2-Dibromo-3-Chloropropane							
1	8.547	8.548	-0.001	171535235H	2.50	2.38	
2	9.258	9.258	0.000	168064111H	2.50	2.60	
						RPD = 8.95	

Reagents:

GCS_EDB4_00037 Amount Added: 1.00 Units: mL

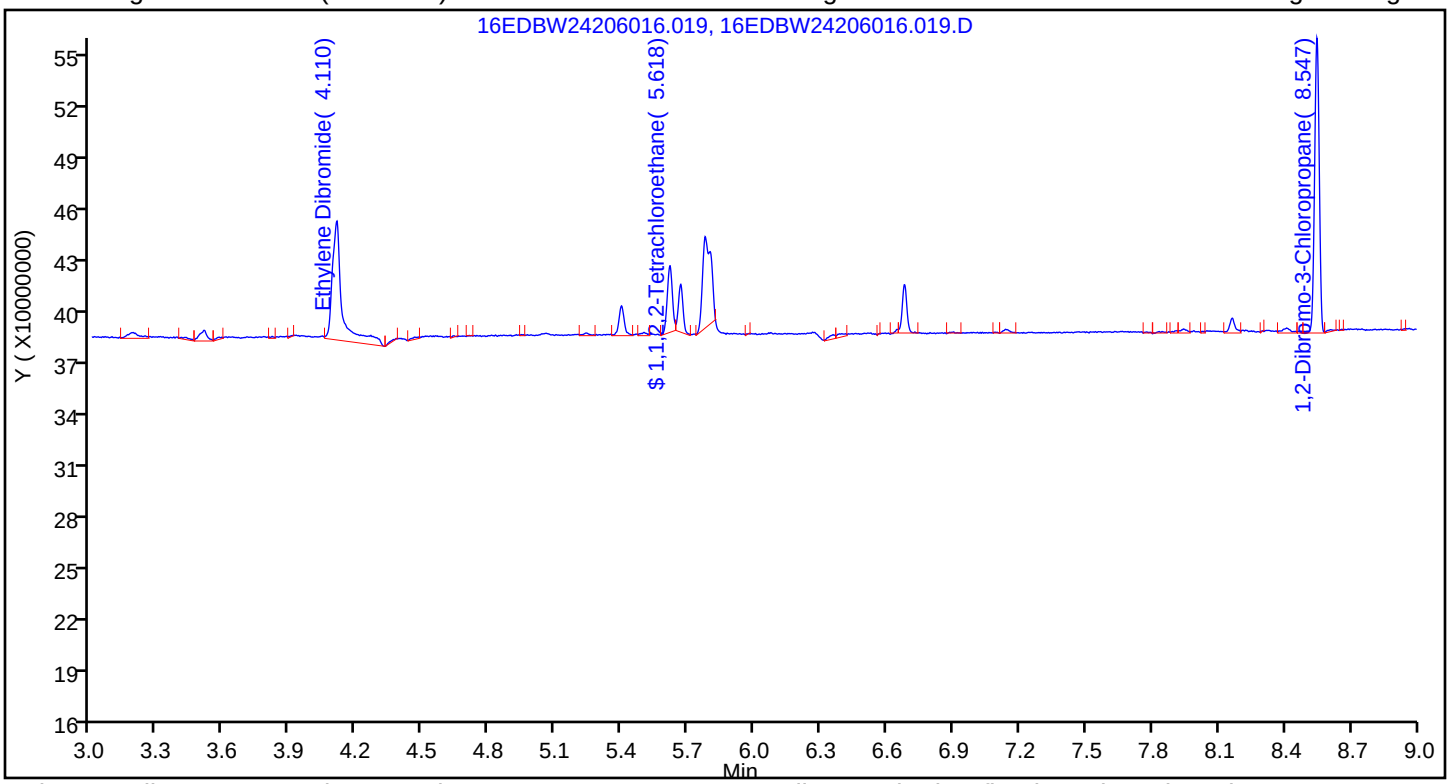
Report Date: 23-Aug-2024 13:43:21 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Lancaster Laboratories Environment Testing, LLC

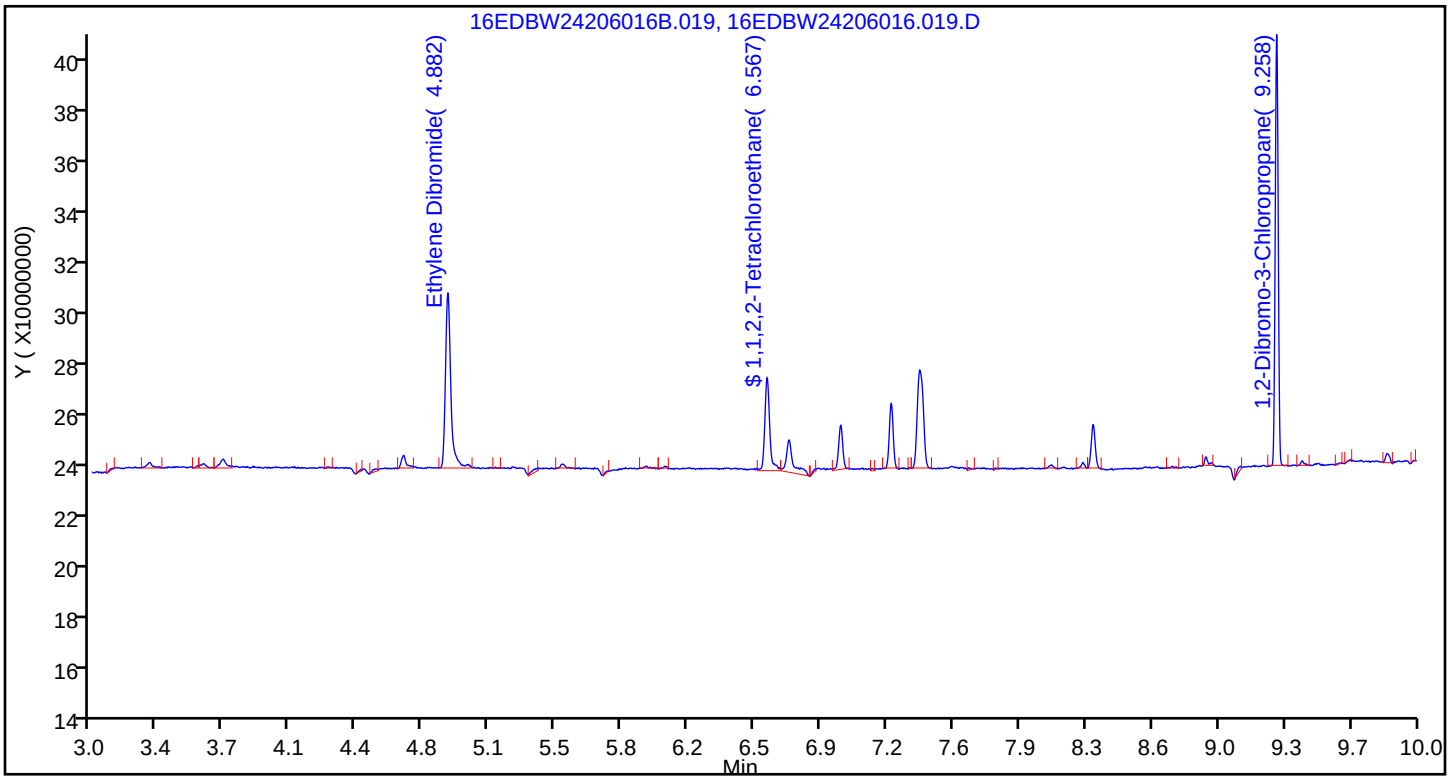
Data File: \\chromfs\Lancaster\ChromData\19853\20240823-123056.b\16EDBW24206016.019.D

Injection Date:	23-Aug-2024 13:03:00	Instrument ID:	19853		
Lims ID:	ccv				
Client ID:					
Operator ID:	120	ALS Bottle#:	0	Worklist Smp#:	19
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8011_19853	Limit Group:	GCSV - 8011 Waters		

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-309671-1

SDG No.:

Lab Sample ID: CCV 410-543779/19 Calibration Date: 08/23/2024 13:03

Instrument ID: 19853 Calib Start Date: 07/24/2024 13:47

GC Column: DB CLP2 ID: 0.32(mm) Calib End Date: 07/24/2024 14:54

Lab File ID: 16EDBW24206016.019.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Ethylene Dibromide	Ave	24061894	27122378		2.83	2.51	12.7	40.0
1,2-Dibromo-3-Chloropropane	Ave	64623695	67225644		2.60	2.50	4.0	40.0
1,1,2,2-Tetrachloroethane (Surr)	Ave	25272151	28953903		1.41	1.23	14.6	40.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-309671-1

SDG No.:

Lab Sample ID: CCV 410-543779/19
Calibration Date: 08/23/2024 13:03

Instrument ID: 19853
Calib Start Date: 07/24/2024 13:47

GC Column: DB CLP2 ID: 0.32(mm)
Calib End Date: 07/24/2024 14:54

Lab File ID: 16EDBW24206016.019.D

Analyte	RT	RT WINDOW	
		FROM	TO
Ethylene Dibromide	4.88	4.85	4.91
1,2-Dibromo-3-Chloropropane	9.26	9.23	9.29
1,1,2,2-Tetrachloroethane (Surr)	6.57	6.54	6.60

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19853\20240823-123056.b\16EDBW24206016.019.D
Lims ID: ccv
Client ID:
Sample Type: CCV
Inject. Date: 23-Aug-2024 13:03:00 ALS Bottle#: 0 Worklist Smp#: 19
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 410-184992-A-2-A
Misc. Info.: 410-0121628-019
Operator ID: 120 Instrument ID: 19853
Sublist: chrom-8011_19853*sub1

Method: \\chromfs\Lancaster\ChromData\19853\20240823-123056.b\8011_19853.m
Limit Group: GCSV - 8011 Waters
Last Update: 23-Aug-2024 13:43:21 Calib Date: 24-Jul-2024 14:54:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19853\20240724-120238.b\16EDBW24206001.008.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1628

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	4.110	4.112	-0.002	68771331H	2.51	2.56	
2	4.882	4.883	-0.001	68009362H	2.51	2.83	
						RPD = 10.02	
$ 2 1,1,2,2-Tetrachloroethane							
1	5.618	5.618	0.000	38700609H	1.23	1.23	
2	6.567	6.568	-0.001	35685686H	1.23	1.41	
						RPD = 13.83	
3 1,2-Dibromo-3-Chloropropane							
1	8.547	8.548	-0.001	171535235H	2.50	2.38	
2	9.258	9.258	0.000	168064111H	2.50	2.60	
						RPD = 8.95	

Reagents:

GCS_EDB4_00037 Amount Added: 1.00 Units: mL

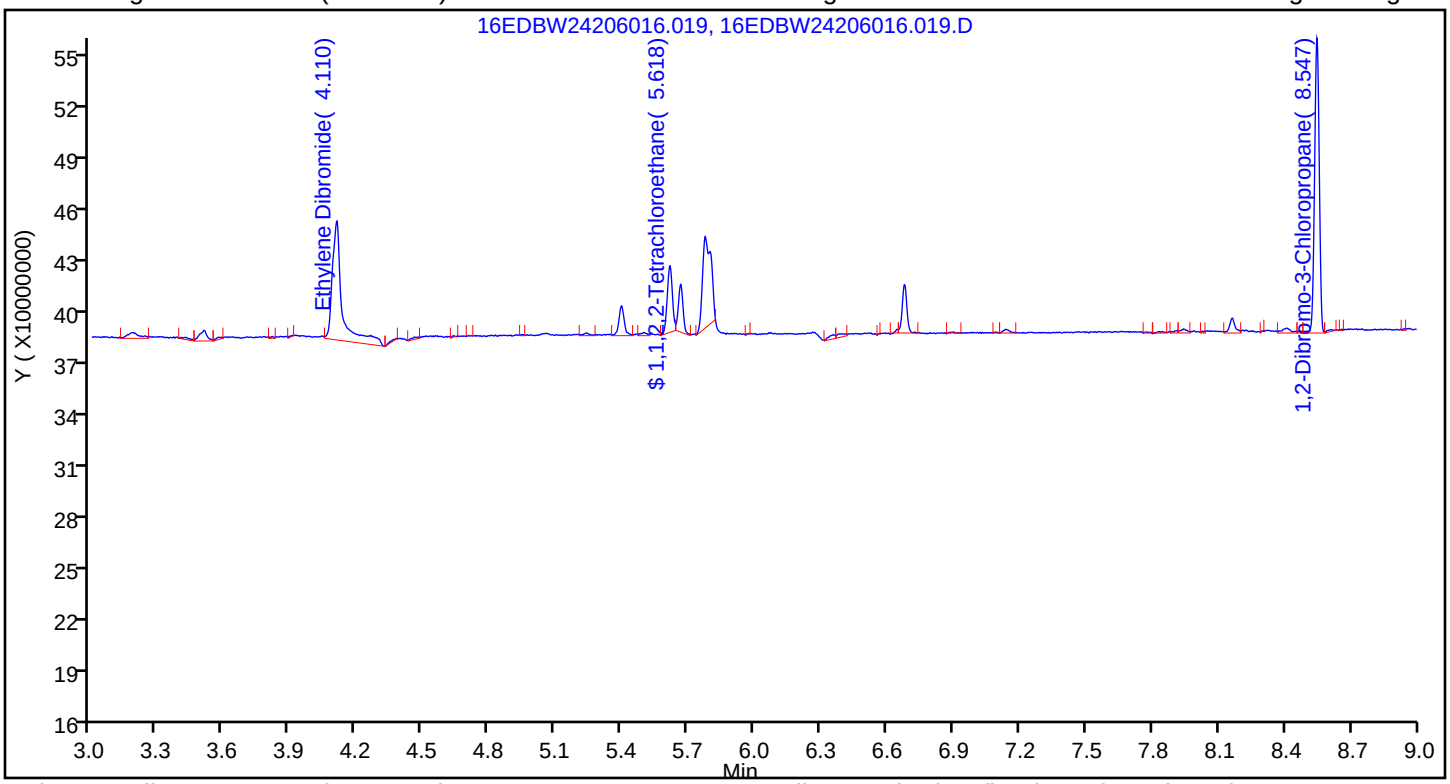
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Eurofins Lancaster Laboratories Environment Testing, LLC

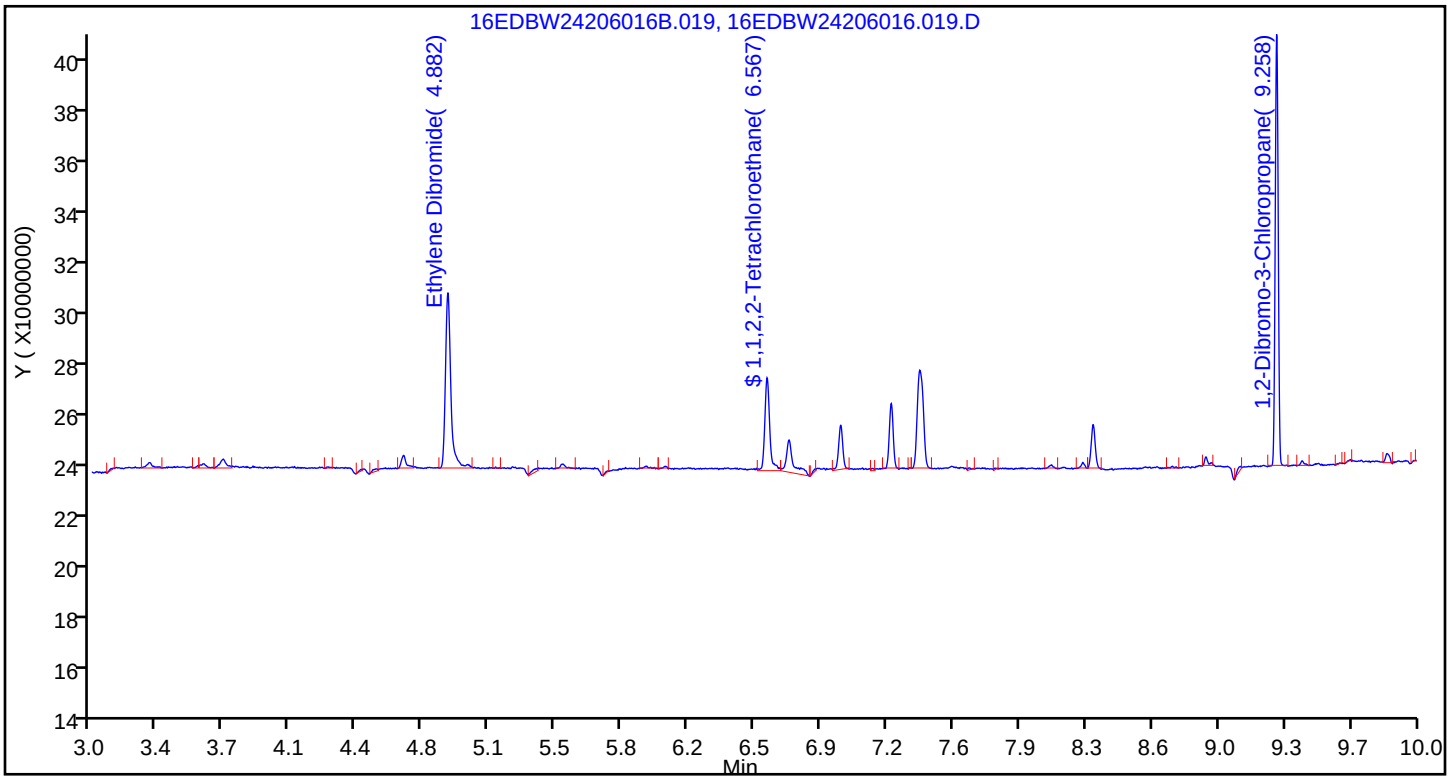
Data File: \\chromfs\Lancaster\ChromData\19853\20240823-123056.b\16EDBW24206016.019.D

Injection Date:	23-Aug-2024 13:03:00	Instrument ID:	19853		
Lims ID:	ccv				
Client ID:					
Operator ID:	120	ALS Bottle#:	0	Worklist Smp#:	19
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8011_19853	Limit Group:	GCSV - 8011 Waters		

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-309671-1

SDG No.:

Client Sample ID:
Lab Sample ID: MB 410-542917/1-A

Matrix: Solid
Lab File ID: 43EDBS24229002.005.D

Analysis Method: 8011
Date Collected:

Extraction Method: 8011
Date Extracted: 08/21/2024 11:19

Sample wt/vol: 10(g)
Date Analyzed: 08/22/2024 09:31

Con. Extract Vol.: 10(mL)
Dilution Factor: 1

Injection Volume: 1(uL)
GC Column: DB CLP1 ID: 0.32(mm)

% Moisture: % Solids:
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 543309
Units: mg/Kg

Preparation Batch No.: 542917
Instrument ID: Agilent GC/ECD - CP43

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	0.00021	U	0.00050	0.00021

CAS NO.	SURROGATE	%REC	Q	LIMITS
79-34-5	1,1,2,2-Tetrachloroethane (Surr)	119		60-140

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240822-122934.b\43EDBS24229002.005.D
Lims ID: MB 410-542917/1-A
Client ID:
Sample Type: MB
Inject. Date: 22-Aug-2024 09:31:00 ALS Bottle#: 0 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: MB 410-542917/1-A
Operator ID: Instrument ID: 19846

Method: \\chromfs\Lancaster\ChromData\19846\20240822-122934.b\8011_19846S.m
Limit Group: GCSV - 8011 Solid
Last Update: 23-Aug-2024 07:14:56 Calib Date: 16-Aug-2024 12:55:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240816-122419.b\43EDBS24229001.009.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1628

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1		2.822				ND	
2		3.897					
$ 2 1,1,2,2-Tetrachloroethane							
1	4.275	4.275	0.000	11489899H	1.23	1.47	
2	5.563	5.563	0.000	17152747H	1.23	1.40	
						RPD = 5.14	
3 1,2-Dibromo-3-Chloropropane							
1		7.125				ND	
2		8.407					

Report Date: 23-Aug-2024 07:14:57 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240822-122934.b\43EDBS24229002.005.D

Injection Date: 22-Aug-2024 09:31:00 Instrument ID: 19846

Lims ID: MB 410-542917/1-A

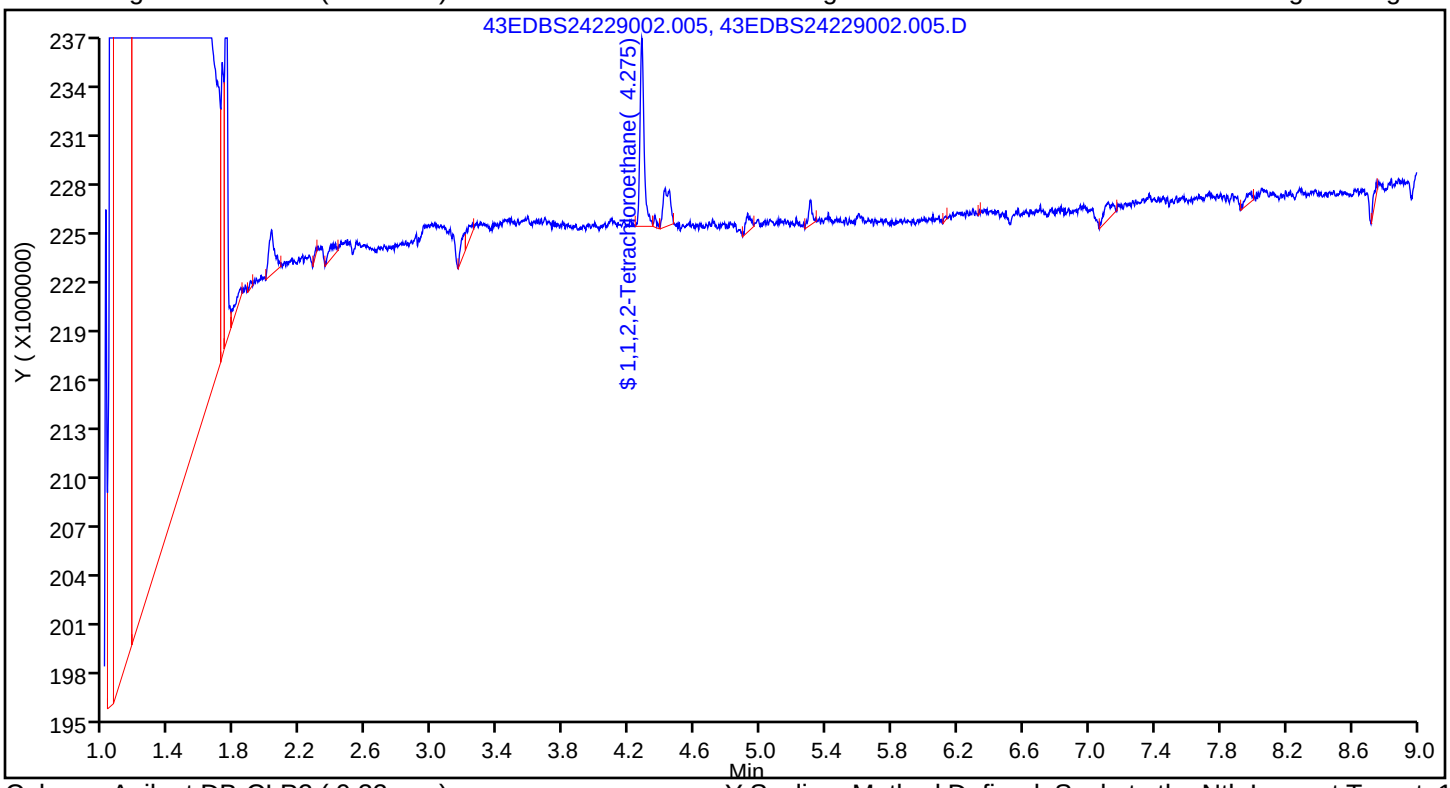
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 5

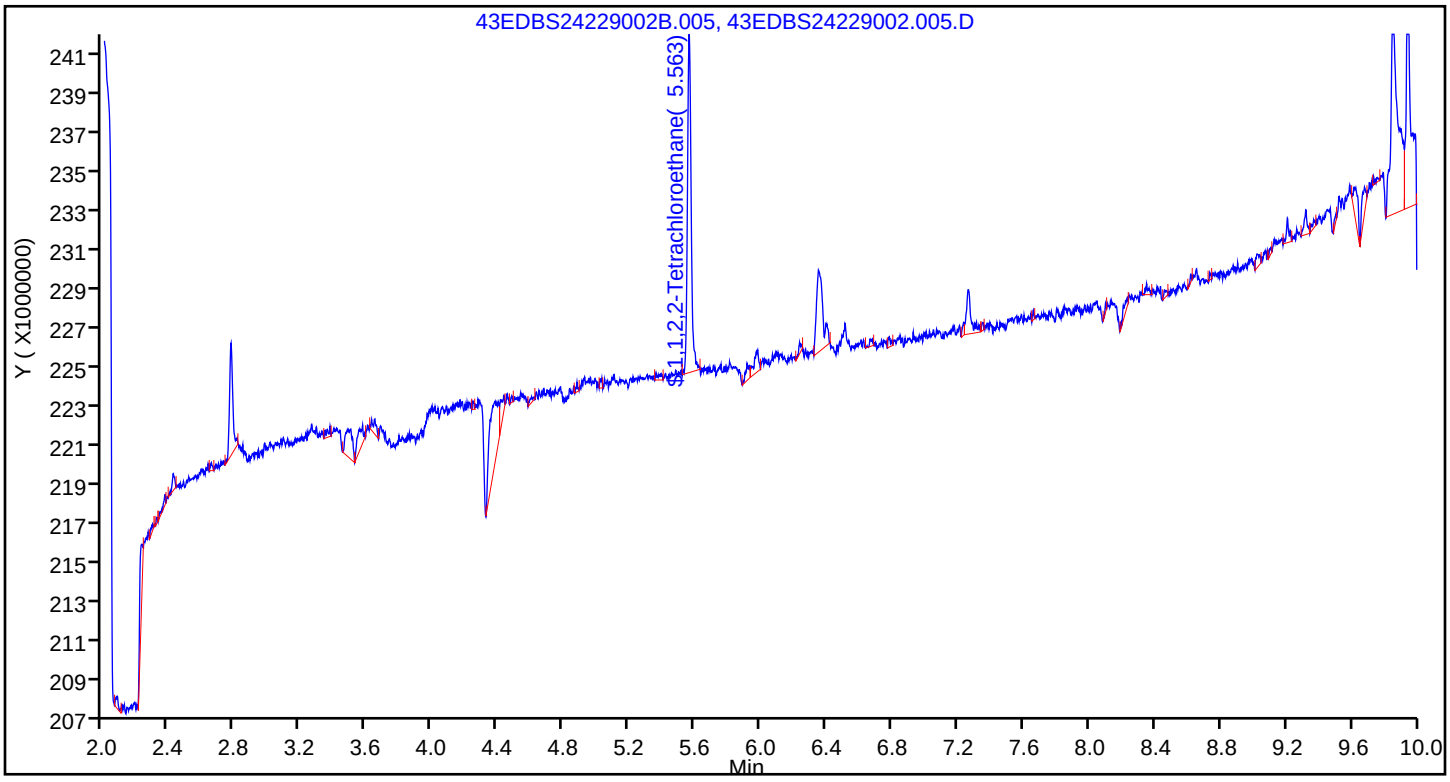
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846S Limit Group: GCSV - 8011 Solid

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



9/9/2024
1:05:41 PM

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-309671-1

SDG No.:

Client Sample ID:
Lab Sample ID: MB 410-542917/1-A

Matrix: Solid
Lab File ID: 43EDBS24229002.005.D

Analysis Method: 8011
Date Collected:

Extraction Method: 8011
Date Extracted: 08/21/2024 11:19

Sample wt/vol: 10(g)
Date Analyzed: 08/22/2024 09:31

Con. Extract Vol.: 10(mL)
Dilution Factor: 1

Injection Volume: 1(uL)
GC Column: DB CLP2 ID: 0.32(mm)

% Moisture: % Solids:
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 543309
Units: mg/Kg

Preparation Batch No.: 542917
Instrument ID: Agilent GC/ECD - CP43

CAS NO.	SURROGATE	%REC	Q	LIMITS
79-34-5	1,1,2,2-Tetrachloroethane (Surr)	113		60-140

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240822-122934.b\43EDBS24229002.005.D
Lims ID: MB 410-542917/1-A
Client ID:
Sample Type: MB
Inject. Date: 22-Aug-2024 09:31:00 ALS Bottle#: 0 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: MB 410-542917/1-A
Operator ID: Instrument ID: 19846

Method: \\chromfs\Lancaster\ChromData\19846\20240822-122934.b\8011_19846S.m
Limit Group: GCSV - 8011 Solid
Last Update: 23-Aug-2024 07:14:56 Calib Date: 16-Aug-2024 12:55:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240816-122419.b\43EDBS24229001.009.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1628

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1		2.822				ND	
2		3.897					
$ 2 1,1,2,2-Tetrachloroethane							
1	4.275	4.275	0.000	11489899H	1.23	1.47	
2	5.563	5.563	0.000	17152747H	1.23	1.40	
						RPD = 5.14	
3 1,2-Dibromo-3-Chloropropane							
1		7.125				ND	
2		8.407					

Report Date: 23-Aug-2024 07:14:57 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240822-122934.b\43EDBS24229002.005.D

Injection Date: 22-Aug-2024 09:31:00 Instrument ID: 19846

Lims ID: MB 410-542917/1-A

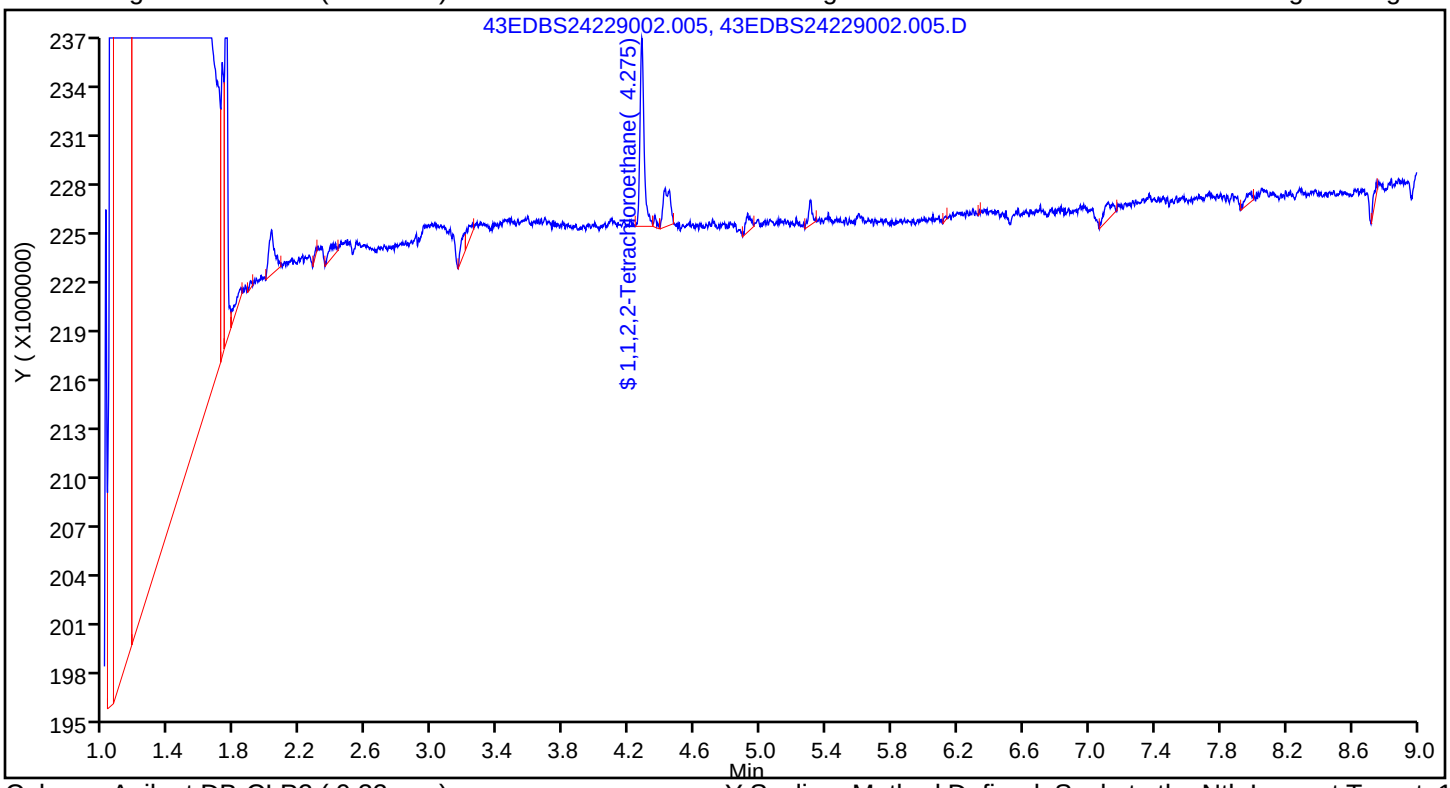
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 5

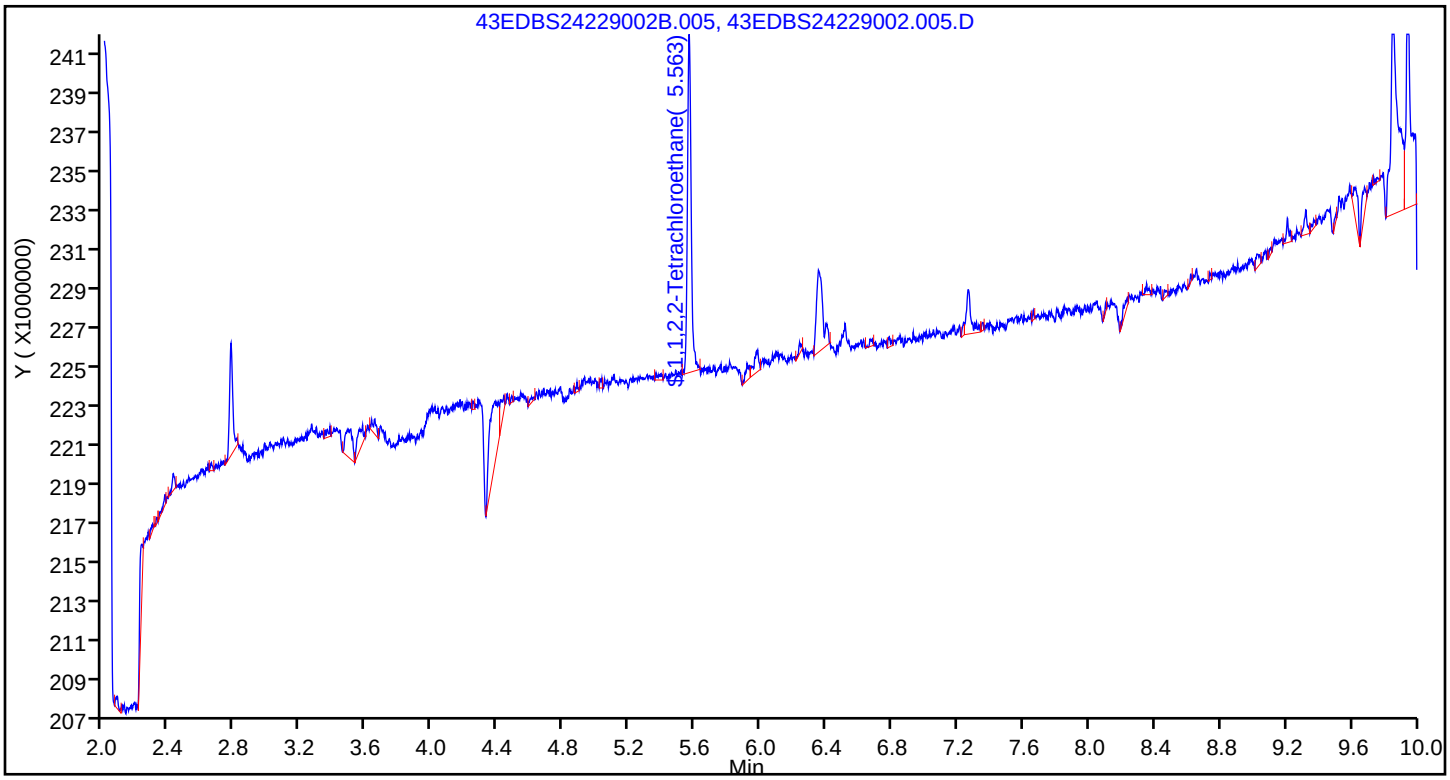
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846S Limit Group: GCSV - 8011 Solid

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



9/9/2024
1:05:41 PM

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-309671-1

SDG No.:

Client Sample ID:
Lab Sample ID: MB 410-543677/1-A

Matrix: Water
Lab File ID: 16EDBW24206016.005.D

Analysis Method: 8011
Date Collected:

Extraction Method: 8011
Date Extracted: 08/22/2024 23:46

Sample wt/vol: 35(mL)
Date Analyzed: 08/23/2024 09:08

Con. Extract Vol.: 2(mL)
Dilution Factor: 1

Injection Volume: 1(uL)
GC Column: DB CLP1 ID: 0.32(mm)

% Moisture: % Solids:
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 543779
Units: ug/L

Preparation Batch No.: 543677
Instrument ID: Agilent GC/ECD - CP16

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	0.010	U	0.030	0.010

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19853\20240823-123056.b\16EDBW24206016.005.D
Lims ID: MB 410-543677/1-A
Client ID:
Sample Type: MB
Inject. Date: 23-Aug-2024 09:08:00 ALS Bottle#: 0 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: MB 410-543677/1-A
Misc. Info.: 410-0121628-005
Operator ID: 120 Instrument ID: 19853

Method: \\chromfs\Lancaster\ChromData\19853\20240823-123056.b\8011_19853.m
Limit Group: GCSV - 8011 Waters
Last Update: 23-Aug-2024 13:43:03 Calib Date: 24-Jul-2024 14:54:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19853\20240724-120238.b\16EDBW24206001.008.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1628

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1		4.112				ND	
2		4.883					
$ 2 1,1,2,2-Tetrachloroethane							
1	5.617	5.618	-0.001	33766427H	1.23	1.07	
2	6.568	6.568	0.000	31558532H	1.23	1.25	
						RPD = 15.17	
3 1,2-Dibromo-3-Chloropropane							
1		8.548				ND	
2		9.258					
4 Chlorodibromomethane							
1		0.000				ND	

Report Date: 23-Aug-2024 13:43:05 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19853\20240823-123056.b\16EDBW24206016.005.D

Injection Date: 23-Aug-2024 09:08:00 Instrument ID: 19853

Lims ID: MB 410-543677/1-A

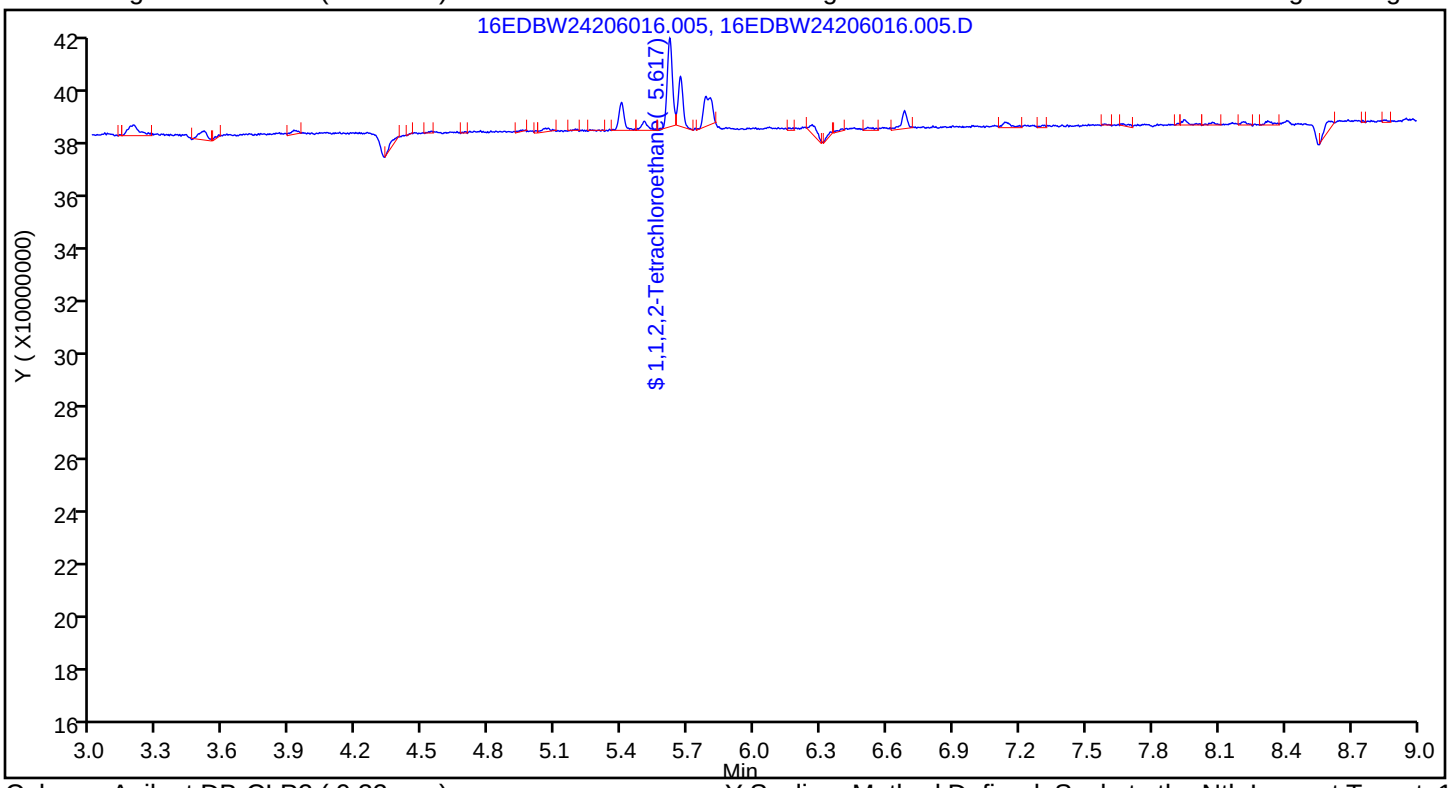
Client ID:

Operator ID: 120 ALS Bottle#: 0 Worklist Smp#: 5

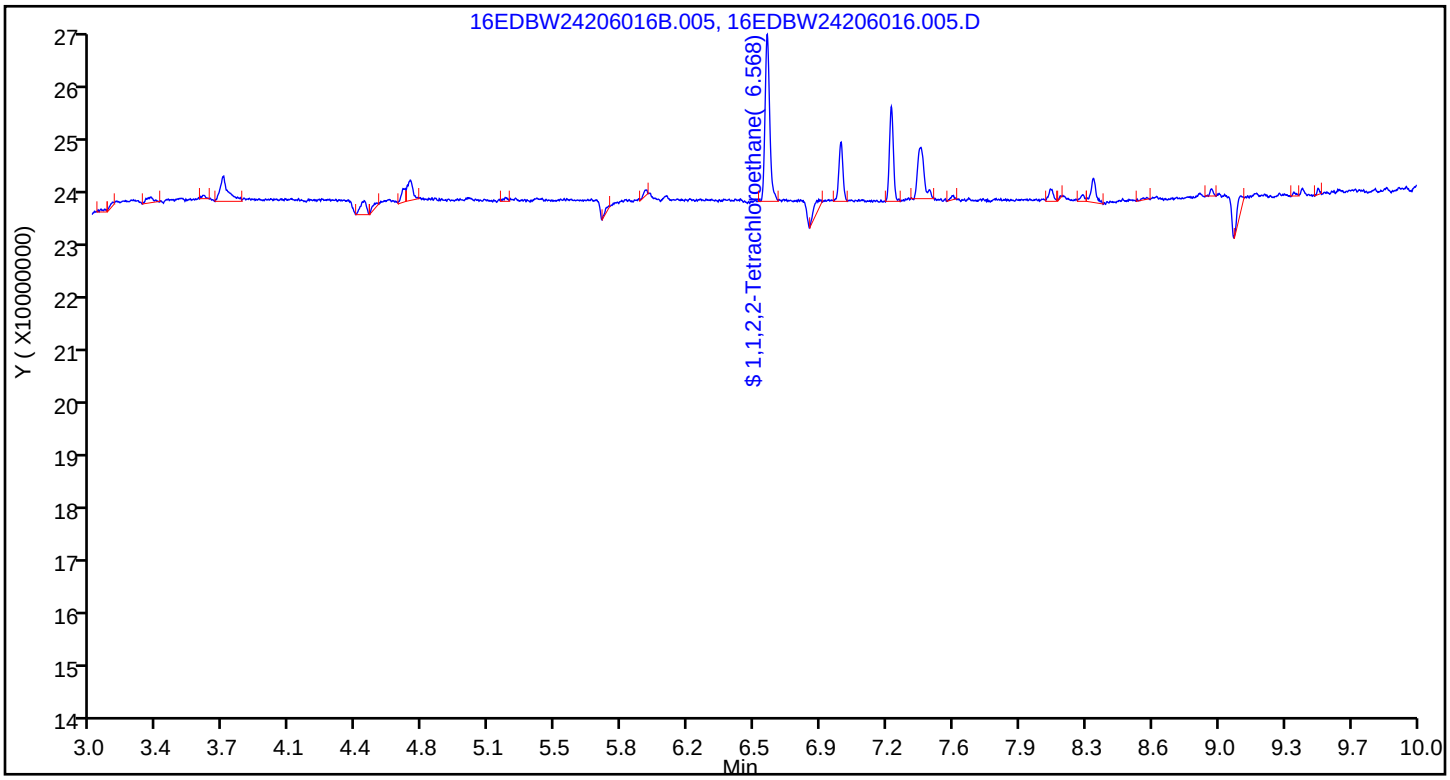
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19853 Limit Group: GCSV - 8011 Waters

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-309671-1

SDG No.:

Client Sample ID:
Lab Sample ID: MB 410-543677/1-A

Matrix: Water
Lab File ID: 16EDBW24206016.005.D

Analysis Method: 8011
Date Collected:

Extraction Method: 8011
Date Extracted: 08/22/2024 23:46

Sample wt/vol: 35(mL)
Date Analyzed: 08/23/2024 09:08

Con. Extract Vol.: 2(mL)
Dilution Factor: 1

Injection Volume: 1(uL)
GC Column: DB CLP2 ID: 0.32(mm)

% Moisture: % Solids:
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 543779
Units: ug/L

Preparation Batch No.: 543677
Instrument ID: Agilent GC/ECD - CP16

CAS NO.	SURROGATE	%REC	Q	LIMITS
79-34-5	1,1,2,2-Tetrachloroethane (Surr)	101		46-136

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19853\20240823-123056.b\16EDBW24206016.005.D
Lims ID: MB 410-543677/1-A
Client ID:
Sample Type: MB
Inject. Date: 23-Aug-2024 09:08:00 ALS Bottle#: 0 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: MB 410-543677/1-A
Misc. Info.: 410-0121628-005
Operator ID: 120 Instrument ID: 19853

Method: \\chromfs\Lancaster\ChromData\19853\20240823-123056.b\8011_19853.m
Limit Group: GCSV - 8011 Waters
Last Update: 23-Aug-2024 13:43:03 Calib Date: 24-Jul-2024 14:54:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19853\20240724-120238.b\16EDBW24206001.008.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1628

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1		4.112				ND	
2		4.883					
$ 2 1,1,2,2-Tetrachloroethane							
1	5.617	5.618	-0.001	33766427H	1.23	1.07	
2	6.568	6.568	0.000	31558532H	1.23	1.25	
						RPD = 15.17	
3 1,2-Dibromo-3-Chloropropane							
1		8.548				ND	
2		9.258					
4 Chlorodibromomethane							
1		0.000				ND	

Report Date: 23-Aug-2024 13:43:05 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19853\20240823-123056.b\16EDBW24206016.005.D

Injection Date: 23-Aug-2024 09:08:00 Instrument ID: 19853

Lims ID: MB 410-543677/1-A

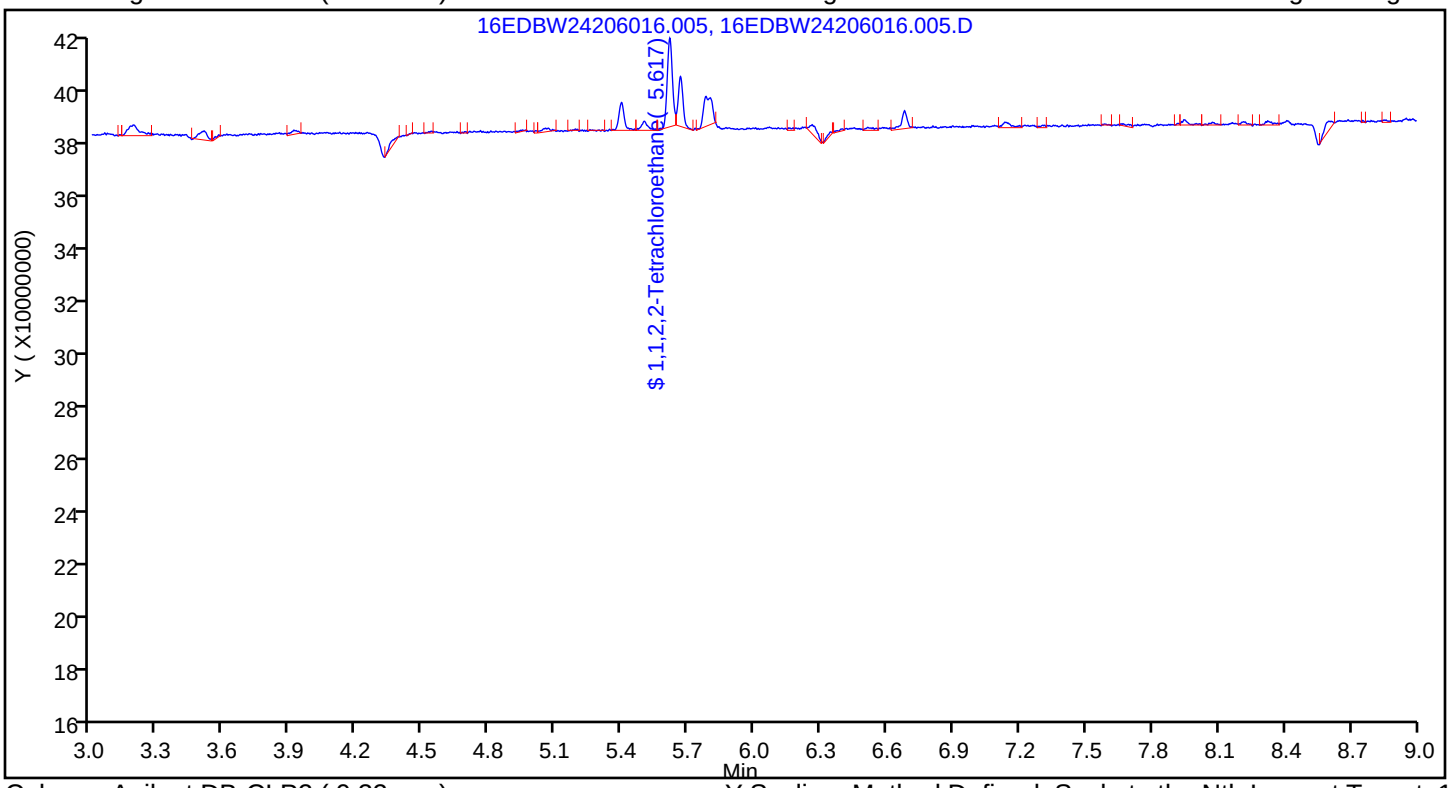
Client ID:

Operator ID: 120 ALS Bottle#: 0 Worklist Smp#: 5

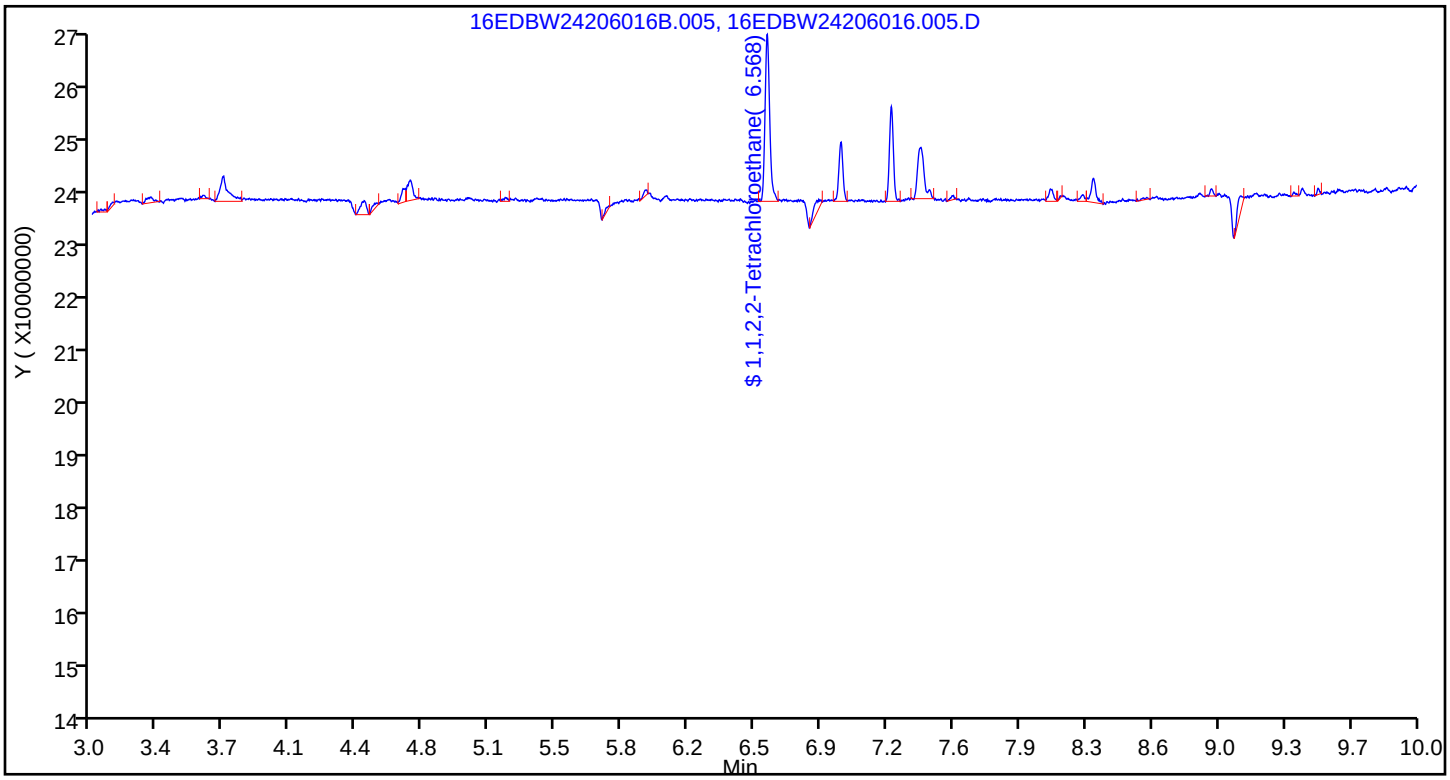
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19853 Limit Group: GCSV - 8011 Waters

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-309671-1

SDG No.:

Client Sample ID:
Lab Sample ID: MB 410-547493/1-A

Matrix: Solid
Lab File ID: 43EDBS24229003.005.D

Analysis Method: 8011
Date Collected:

Extraction Method: 8011
Date Extracted: 09/04/2024 08:45

Sample wt/vol: 10(g)
Date Analyzed: 09/06/2024 14:18

Con. Extract Vol.: 10(mL)
Dilution Factor: 1

Injection Volume: 1(uL)
GC Column: DB CLP1 ID: 0.32(mm)

% Moisture: % Solids:
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 548652
Units: mg/Kg

Preparation Batch No.: 547493
Instrument ID: Agilent GC/ECD - CP43

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	0.00021	U	0.00050	0.00021

CAS NO.	SURROGATE	%REC	Q	LIMITS
79-34-5	1,1,2,2-Tetrachloroethane (Surr)	115		60-140

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240906-124269.b\43EDBS24229003.005.D
Lims ID: MB 410-547493/1-A
Client ID:
Sample Type: MB
Inject. Date: 06-Sep-2024 14:18:00 ALS Bottle#: 0 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: MB 410-547493/1-A
Operator ID: Instrument ID: 19846

Method: \\chromfs\Lancaster\ChromData\19846\20240906-124269.b\8011_19846S.m
Limit Group: GCSV - 8011 Solid
Last Update: 09-Sep-2024 08:27:05 Calib Date: 16-Aug-2024 12:55:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240816-122419.b\43EDBS24229001.009.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1644

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1		2.820				ND	
2		3.895					
$ 2 1,1,2,2-Tetrachloroethane							
1	4.275	4.275	0.000	11078715H	1.23	1.41	
2	5.563	5.563	0.000	16424782H	1.23	1.33	
						RPD = 5.83	
3 1,2-Dibromo-3-Chloropropane							
1		7.123				ND	
2		8.407					

Report Date: 09-Sep-2024 08:27:07 Chrom Revision: 2.3 26-Aug-2024 17:14:48

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240906-124269.b\43EDBS24229003.005.D

Injection Date: 06-Sep-2024 14:18:00 Instrument ID: 19846

Lims ID: MB 410-547493/1-A

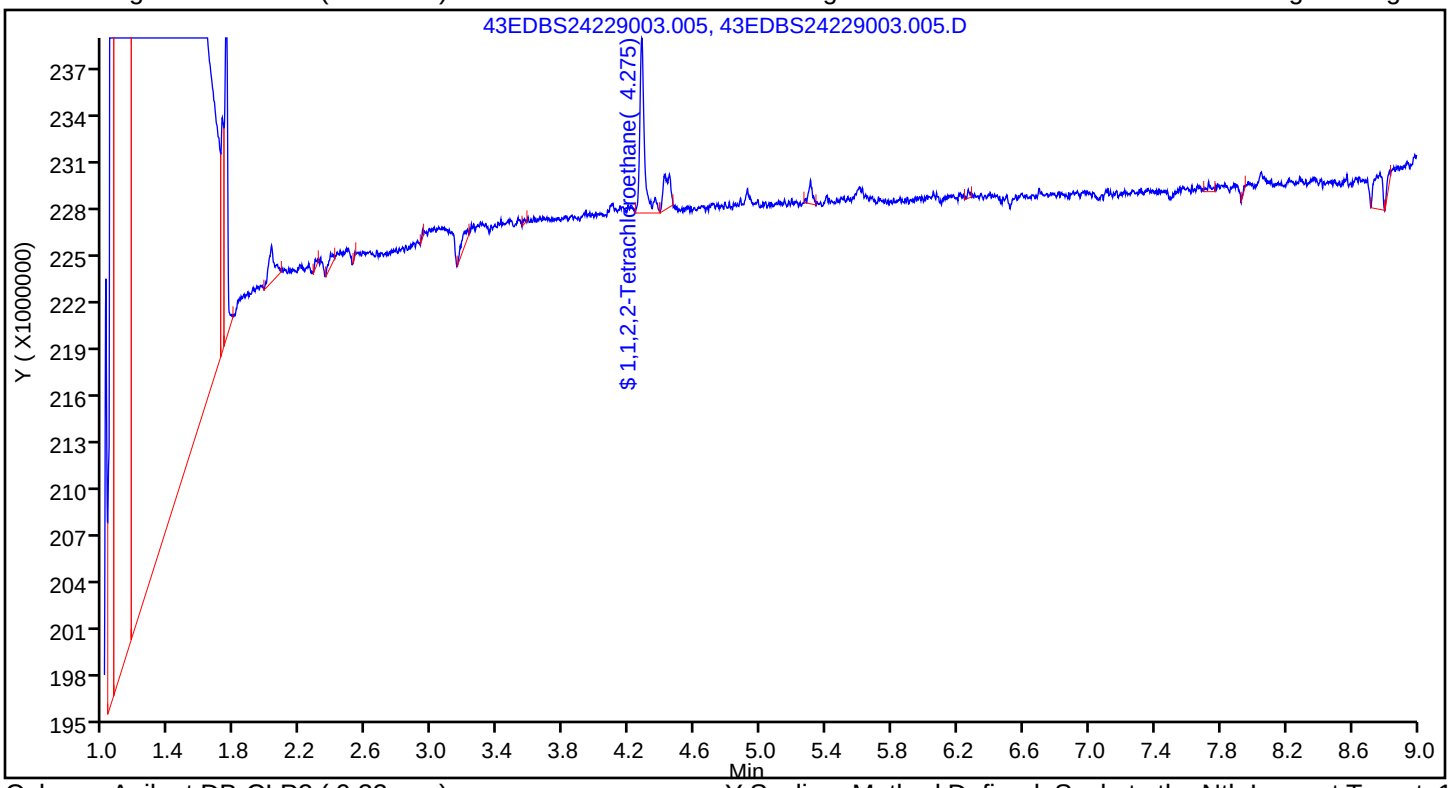
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 5

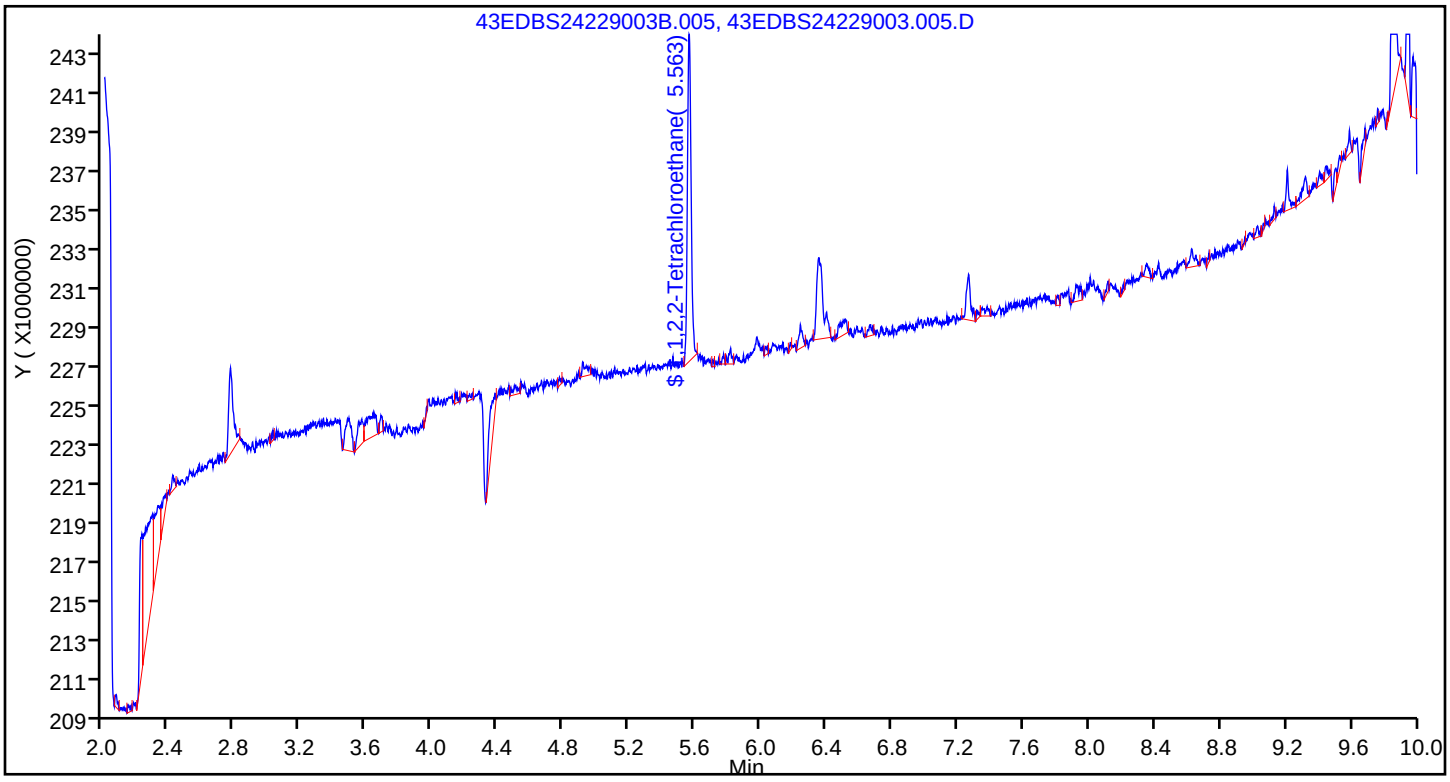
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846S Limit Group: GCSV - 8011 Solid

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-309671-1

SDG No.:

Client Sample ID:
Lab Sample ID: MB 410-547493/1-A

Matrix: Solid
Lab File ID: 43EDBS24229003.005.D

Analysis Method: 8011
Date Collected:

Extraction Method: 8011
Date Extracted: 09/04/2024 08:45

Sample wt/vol: 10(g)
Date Analyzed: 09/06/2024 14:18

Con. Extract Vol.: 10(mL)
Dilution Factor: 1

Injection Volume: 1(uL)
GC Column: DB CLP2 ID: 0.32(mm)

% Moisture: % Solids:
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 548652
Units: mg/Kg

Preparation Batch No.: 547493
Instrument ID: Agilent GC/ECD - CP43

CAS NO.	SURROGATE	%REC	Q	LIMITS
79-34-5	1,1,2,2-Tetrachloroethane (Surr)	108		60-140

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240906-124269.b\43EDBS24229003.005.D
Lims ID: MB 410-547493/1-A
Client ID:
Sample Type: MB
Inject. Date: 06-Sep-2024 14:18:00 ALS Bottle#: 0 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: MB 410-547493/1-A
Operator ID: Instrument ID: 19846

Method: \\chromfs\Lancaster\ChromData\19846\20240906-124269.b\8011_19846S.m
Limit Group: GCSV - 8011 Solid
Last Update: 09-Sep-2024 08:27:05 Calib Date: 16-Aug-2024 12:55:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240816-122419.b\43EDBS24229001.009.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1644

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1		2.820				ND	
2		3.895					
$ 2 1,1,2,2-Tetrachloroethane							
1	4.275	4.275	0.000	11078715H	1.23	1.41	
2	5.563	5.563	0.000	16424782H	1.23	1.33	
						RPD = 5.83	
3 1,2-Dibromo-3-Chloropropane							
1		7.123				ND	
2		8.407					

Report Date: 09-Sep-2024 08:27:07 Chrom Revision: 2.3 26-Aug-2024 17:14:48

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240906-124269.b\43EDBS24229003.005.D

Injection Date: 06-Sep-2024 14:18:00 Instrument ID: 19846

Lims ID: MB 410-547493/1-A

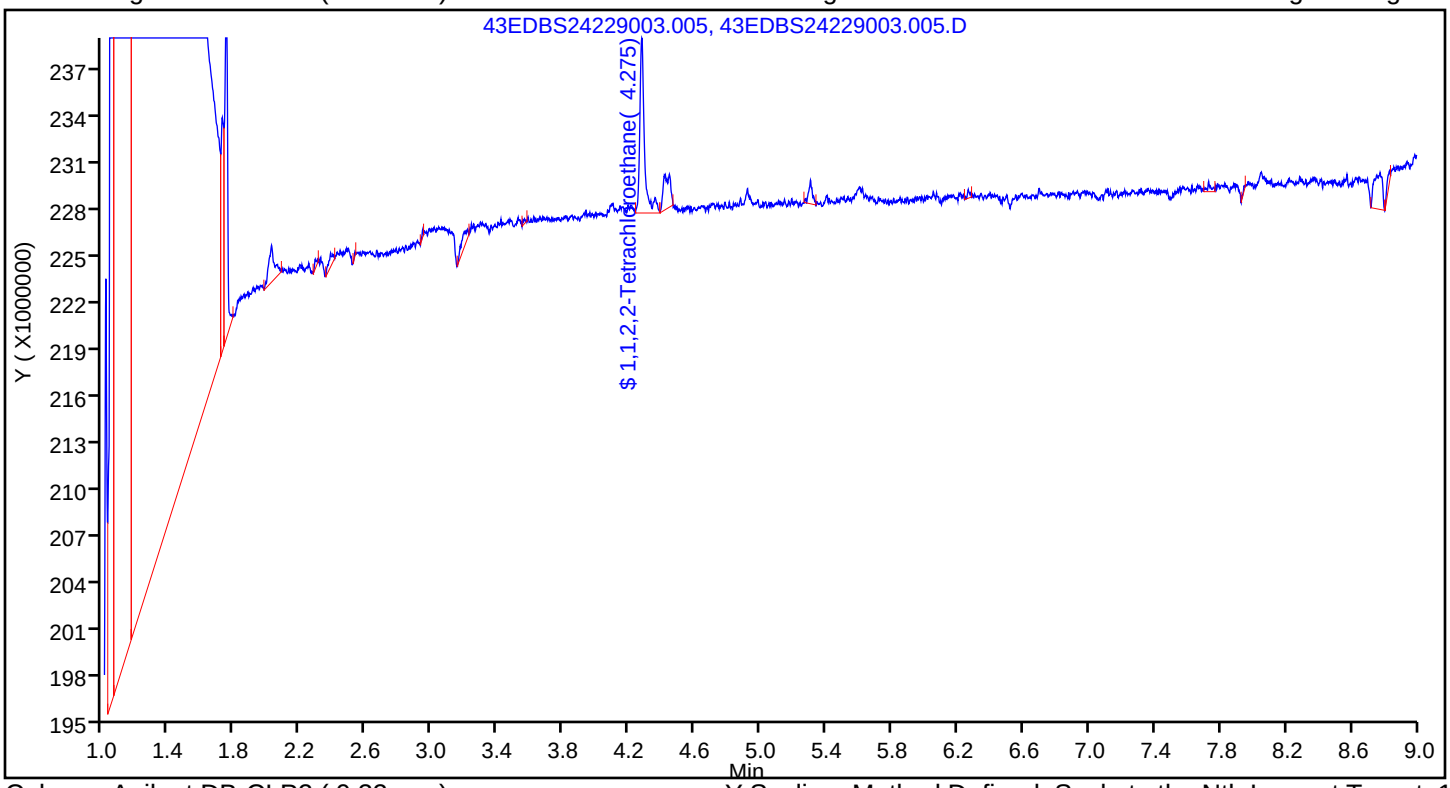
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 5

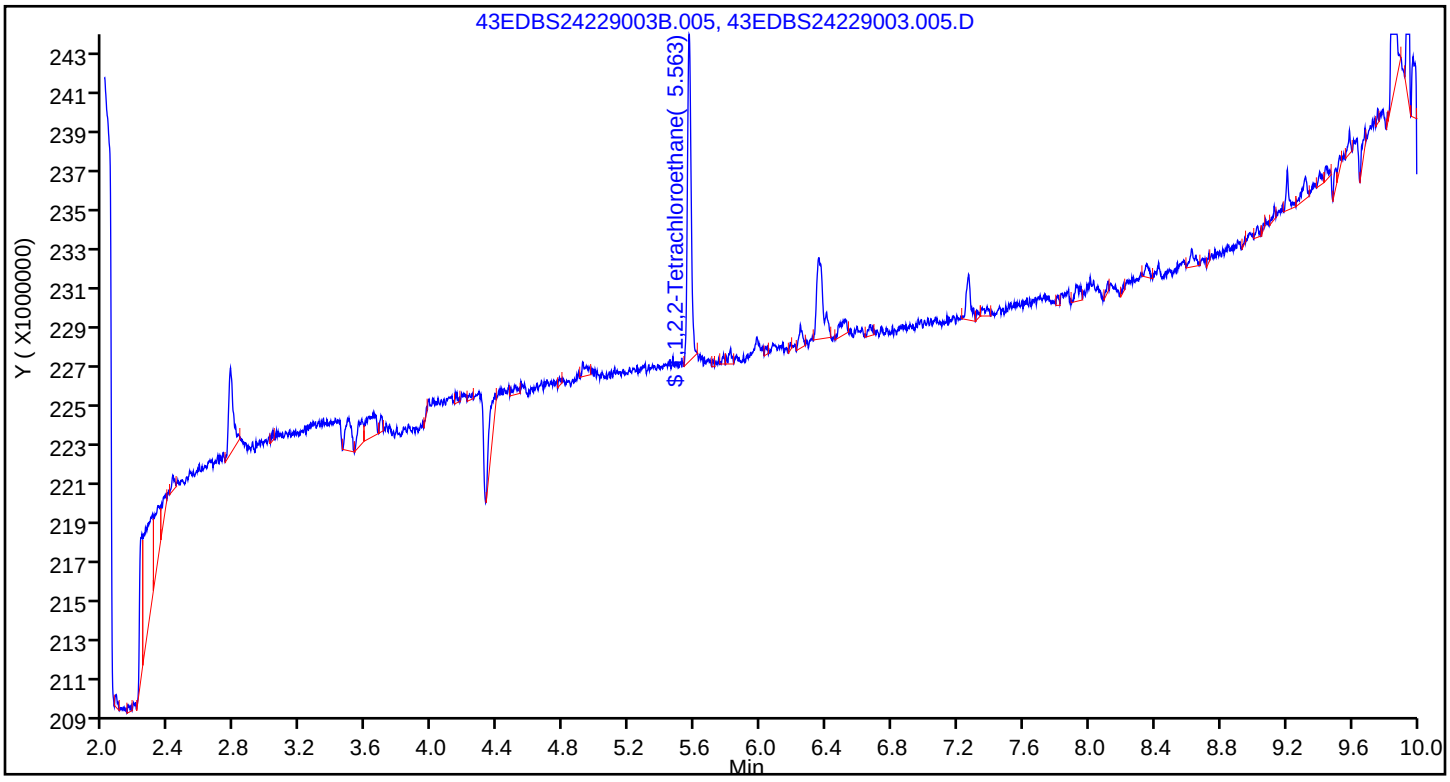
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846S Limit Group: GCSV - 8011 Solid

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



9/9/2024
1:05:41 PM

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-309671-1

SDG No.:

Client Sample ID:
Lab Sample ID: PIBLK 410-543309/4

Matrix: Solid
Lab File ID: 43EDBS24229002.004.D

Analysis Method: 8011
Date Collected:

Extraction Method:
Date Extracted:

Sample wt/vol: 0(mL)
Date Analyzed: 08/22/2024 09:14

Con. Extract Vol.:
Dilution Factor: 1

Injection Volume: 1(uL)
GC Column: DB CLP1 ID: 0.32(mm)

% Moisture: % Solids:
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 543309
Units: ug/L

Preparation Batch No.:
Instrument ID: Agilent GC/ECD - CP43

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	0.18	U	0.53	0.18

CAS NO.	SURROGATE	%REC	Q	LIMITS
79-34-5	1,1,2,2-Tetrachloroethane (Surr)	138		60-140

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240822-122934.b\43EDBS24229002.004.D
Lims ID: piblk
Client ID:
Sample Type: PIBLK
Inject. Date: 22-Aug-2024 09:14:00 ALS Bottle#: 0 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: piblk
Operator ID: Instrument ID: 19846

Method: \\chromfs\Lancaster\ChromData\19846\20240822-122934.b\8011_19846S.m
Limit Group: GCSV - 8011 Solid
Last Update: 23-Aug-2024 07:14:56 Calib Date: 16-Aug-2024 12:55:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240816-122419.b\43EDBS24229001.009.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1628

First Level Reviewer: URS0 Date: 22-Aug-2024 10:21:45

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1		2.822				ND	
2		3.897					
$ 2 1,1,2,2-Tetrachloroethane							
1	4.277	4.275	0.002	12639474H	1.18	1.63	
2	5.563	5.563	0.000	18779282H	1.18	1.54	
						RPD = 5.79	
3 1,2-Dibromo-3-Chloropropane							
1	7.118	7.125	-0.007	504955H		-0.2919	
2	8.415	8.407	0.008	355838H		-0.3006	
						RPD = -2.92	

QC Flag Legend

Processing Flags
H - Response Measured by Height

Reagents:

GCS_EIBK_00013 Amount Added: 1.00 Units: mL

Report Date: 23-Aug-2024 07:14:56 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240822-122934.b\43EDBS24229002.004.D

Injection Date: 22-Aug-2024 09:14:00 Instrument ID: 19846

Lims ID: piblk

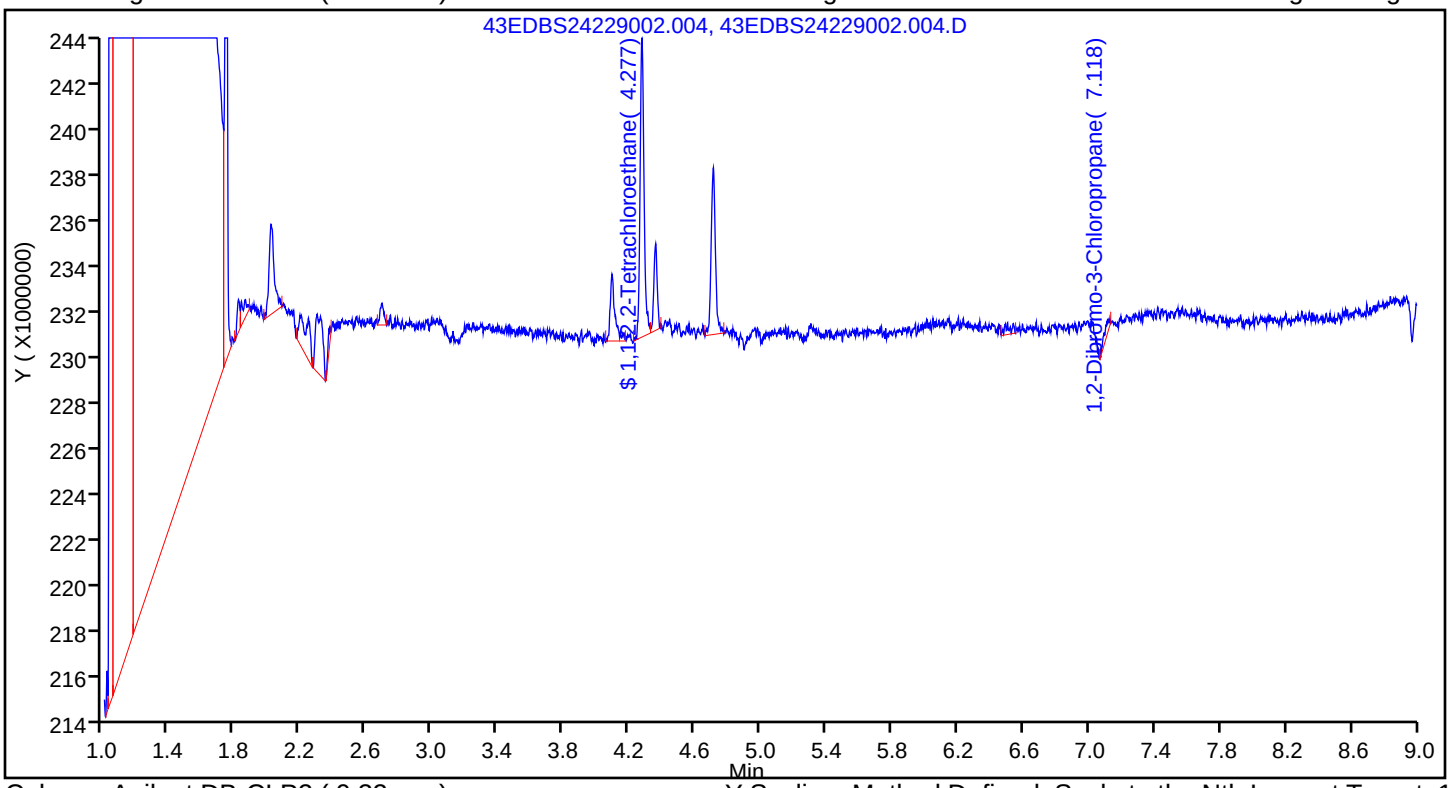
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 4

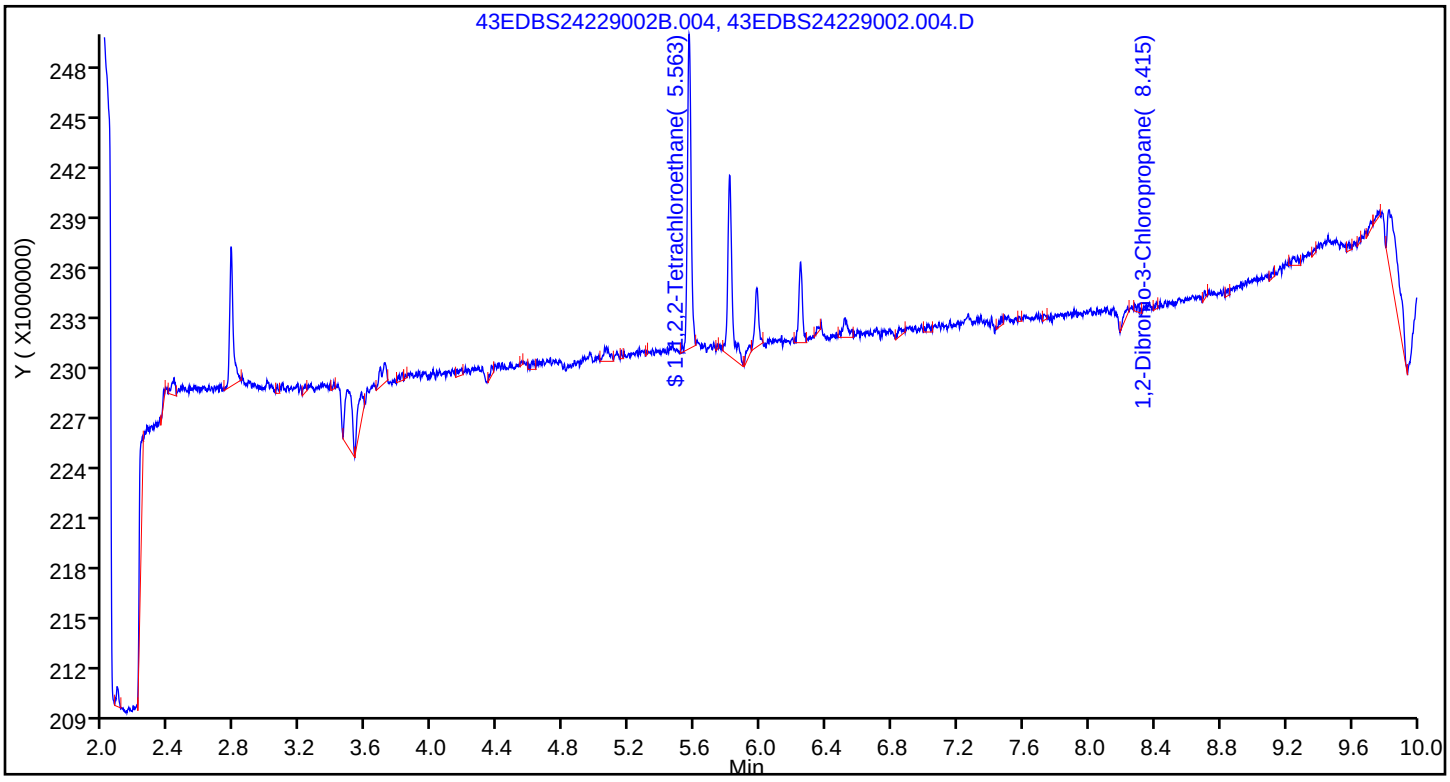
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846S Limit Group: GCSV - 8011 Solid

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-309671-1

SDG No.:

Client Sample ID:
Lab Sample ID: PIBLK 410-543309/4

Matrix: Solid
Lab File ID: 43EDBS24229002.004.D

Analysis Method: 8011
Date Collected:

Extraction Method:
Date Extracted:

Sample wt/vol: 0(mL)
Date Analyzed: 08/22/2024 09:14

Con. Extract Vol.:
Dilution Factor: 1

Injection Volume: 1(uL)
GC Column: DB CLP2 ID: 0.32(mm)

% Moisture: % Solids:
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 543309
Units: ug/L

Preparation Batch No.:
Instrument ID: Agilent GC/ECD - CP43

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	*Ethylene Dibromide*	*0.18*	*U*	*0.53*	*0.18*

CAS NO.	SURROGATE	%REC	Q	LIMITS
79-34-5	1,1,2,2-Tetrachloroethane (Surr)	130		60-140

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240822-122934.b\43EDBS24229002.004.D
Lims ID: piblk
Client ID:
Sample Type: PIBLK
Inject. Date: 22-Aug-2024 09:14:00 ALS Bottle#: 0 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: piblk
Operator ID: Instrument ID: 19846

Method: \\chromfs\Lancaster\ChromData\19846\20240822-122934.b\8011_19846S.m
Limit Group: GCSV - 8011 Solid
Last Update: 23-Aug-2024 07:14:56 Calib Date: 16-Aug-2024 12:55:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240816-122419.b\43EDBS24229001.009.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1628

First Level Reviewer: URS0 Date: 22-Aug-2024 10:21:45

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1		2.822				ND	
2		3.897					
$ 2 1,1,2,2-Tetrachloroethane							
1	4.277	4.275	0.002	12639474H	1.18	1.63	
2	5.563	5.563	0.000	18779282H	1.18	1.54	
						RPD = 5.79	
3 1,2-Dibromo-3-Chloropropane							
1	7.118	7.125	-0.007	504955H		-0.2919	
2	8.415	8.407	0.008	355838H		-0.3006	
						RPD = -2.92	

QC Flag Legend

Processing Flags
H - Response Measured by Height

Reagents:

GCS_EIBK_00013 Amount Added: 1.00 Units: mL

Report Date: 23-Aug-2024 07:14:57 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240822-122934.b\43EDBS24229002.004.D

Injection Date: 22-Aug-2024 09:14:00 Instrument ID: 19846

Lims ID: piblk

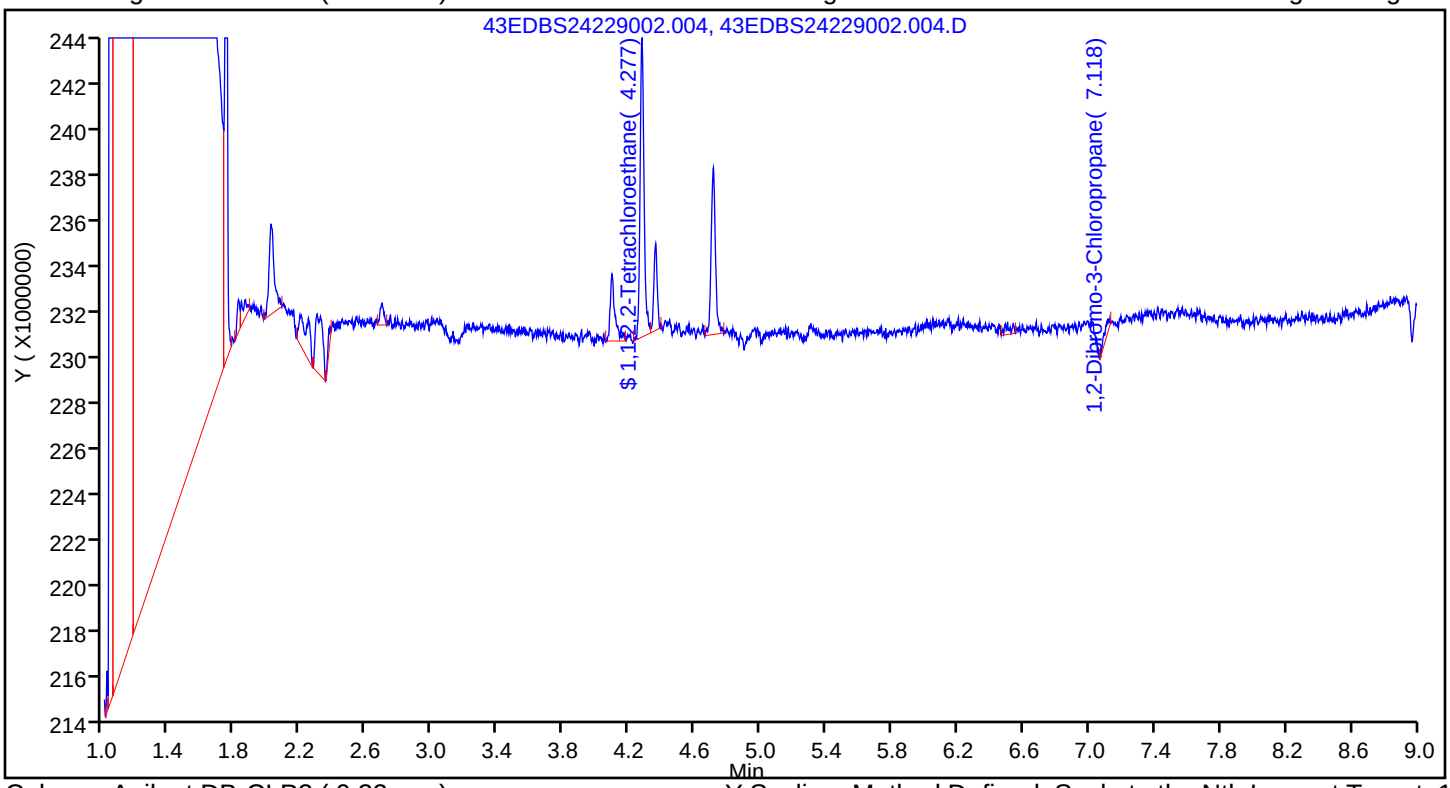
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 4

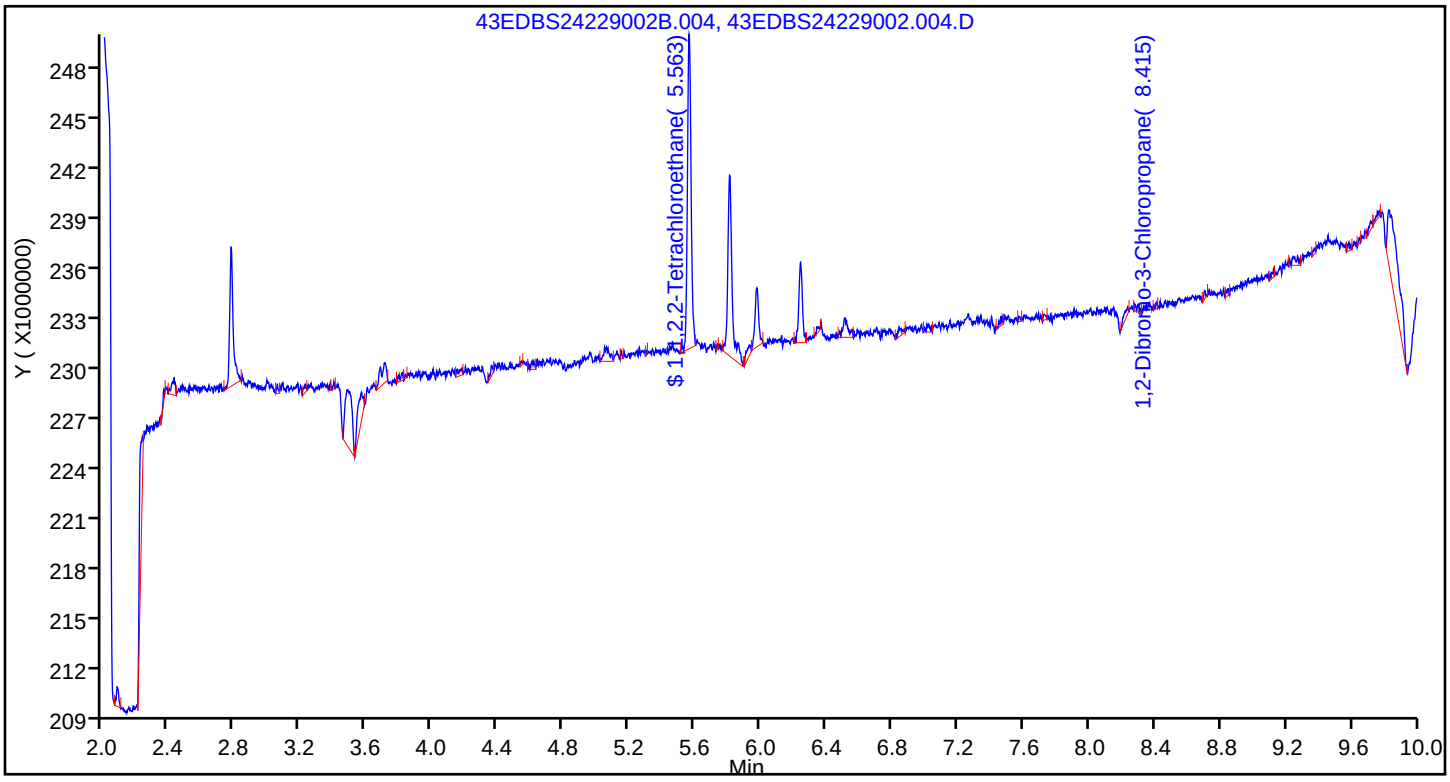
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846S Limit Group: GCSV - 8011 Solid

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-309671-1

SDG No.:

Client Sample ID:
Lab Sample ID: PIBLK 410-543309/23

Matrix: Solid
Lab File ID: 43EDBS24229002.023.D

Analysis Method: 8011
Date Collected:

Extraction Method:
Date Extracted:

Sample wt/vol: 0(mL)
Date Analyzed: 08/22/2024 14:39

Con. Extract Vol.:
Dilution Factor: 1

Injection Volume: 1(uL)
GC Column: DB CLP1 ID: 0.32(mm)

% Moisture: % Solids:
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 543309
Units: ug/L

Preparation Batch No.:
Instrument ID: Agilent GC/ECD - CP43

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	0.18	U	0.53	0.18

CAS NO.	SURROGATE	%REC	Q	LIMITS
79-34-5	1,1,2,2-Tetrachloroethane (Surr)	138		60-140

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240822-122934.b\43EDBS24229002.023.D
Lims ID: piblk
Client ID:
Sample Type: PIBLK
Inject. Date: 22-Aug-2024 14:39:00 ALS Bottle#: 0 Worklist Smp#: 23
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: piblk
Operator ID: Instrument ID: 19846

Method: \\chromfs\Lancaster\ChromData\19846\20240822-122934.b\8011_19846S.m
Limit Group: GCSV - 8011 Solid
Last Update: 23-Aug-2024 07:15:12 Calib Date: 16-Aug-2024 12:55:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240816-122419.b\43EDBS24229001.009.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1628

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1		2.822				ND	
2		3.897					
$ 2 1,1,2,2-Tetrachloroethane							
1	4.275	4.275	0.000	12657032H	1.18	1.64	
2	5.563	5.563	0.000	19472852H	1.18	1.60	
						RPD = 2.04	
3 1,2-Dibromo-3-Chloropropane							
1		7.125				ND	
2		8.407					

Reagents:

GCS_EIBK_00013 Amount Added: 1.00 Units: mL

Report Date: 23-Aug-2024 07:15:13 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240822-122934.b\43EDBS24229002.023.D

Injection Date: 22-Aug-2024 14:39:00 Instrument ID: 19846

Lims ID: piblk

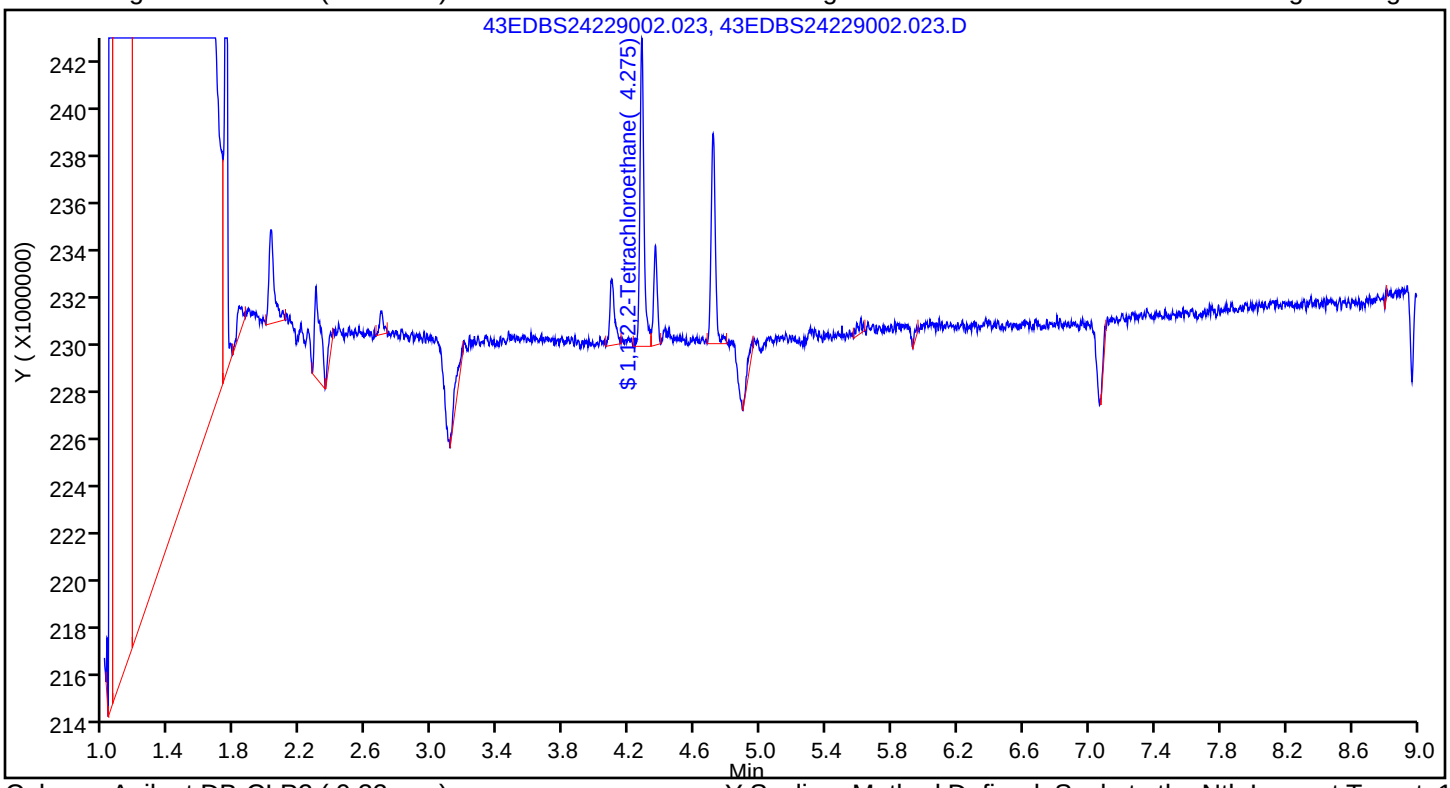
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 23

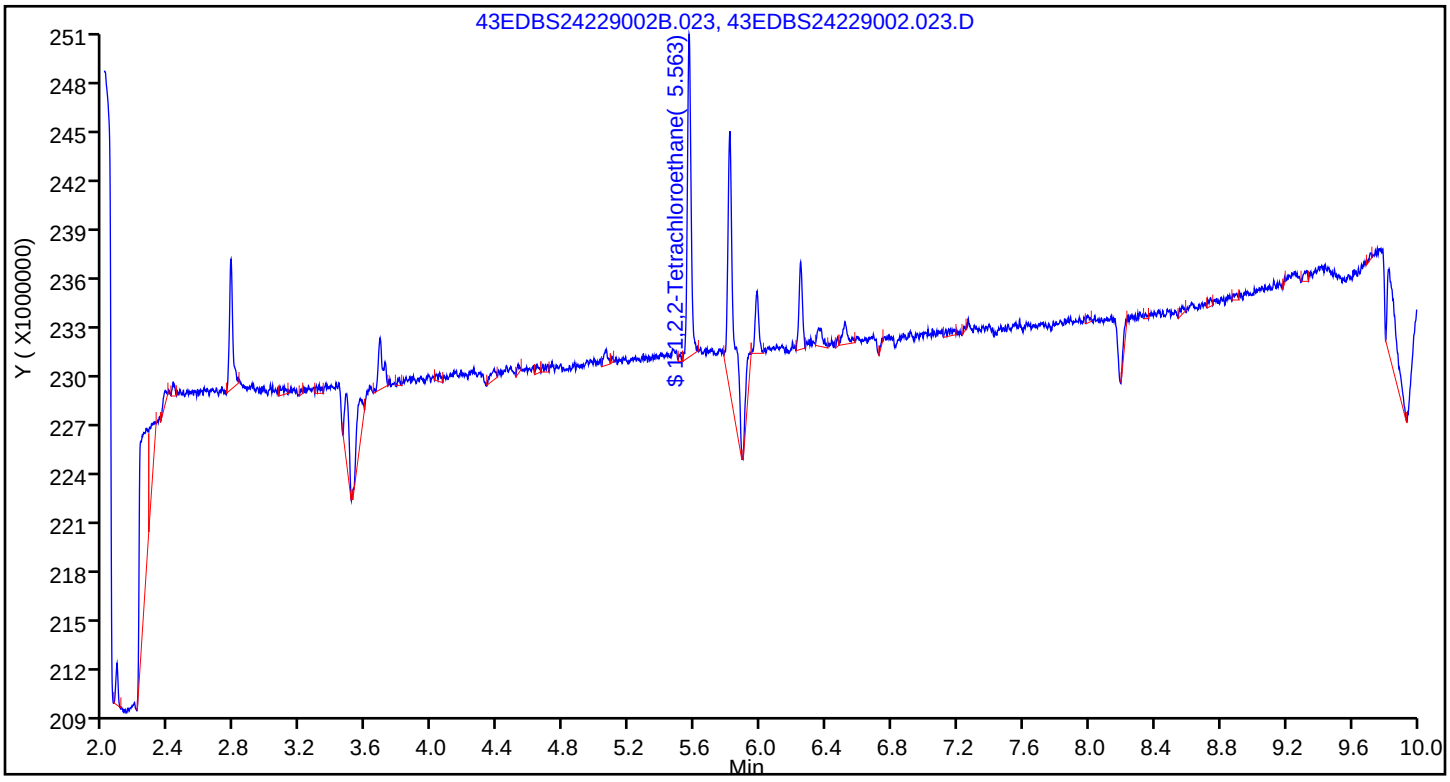
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846S Limit Group: GCSV - 8011 Solid

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



9/9/2024
1:05:41 PM

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-309671-1

SDG No.:

Client Sample ID:
Lab Sample ID: PIBLK 410-543309/23

Matrix: Solid
Lab File ID: 43EDBS24229002.023.D

Analysis Method: 8011
Date Collected:

Extraction Method:
Date Extracted:

Sample wt/vol: 0(mL)
Date Analyzed: 08/22/2024 14:39

Con. Extract Vol.:
Dilution Factor: 1

Injection Volume: 1(uL)
GC Column: DB CLP2 ID: 0.32(mm)

% Moisture: % Solids:
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 543309
Units: ug/L

Preparation Batch No.:
Instrument ID: Agilent GC/ECD - CP43

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	*Ethylene Dibromide*	*0.18*	*U*	*0.53*	*0.18*

CAS NO.	SURROGATE	%REC	Q	LIMITS
79-34-5	1,1,2,2-Tetrachloroethane (Surr)	136		60-140

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240822-122934.b\43EDBS24229002.023.D
Lims ID: piblk
Client ID:
Sample Type: PIBLK
Inject. Date: 22-Aug-2024 14:39:00 ALS Bottle#: 0 Worklist Smp#: 23
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: piblk
Operator ID: Instrument ID: 19846

Method: \\chromfs\Lancaster\ChromData\19846\20240822-122934.b\8011_19846S.m
Limit Group: GCSV - 8011 Solid
Last Update: 23-Aug-2024 07:15:12 Calib Date: 16-Aug-2024 12:55:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240816-122419.b\43EDBS24229001.009.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1628

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1		2.822				ND	
2		3.897					
$ 2 1,1,2,2-Tetrachloroethane							
1	4.275	4.275	0.000	12657032H	1.18	1.64	
2	5.563	5.563	0.000	19472852H	1.18	1.60	
						RPD = 2.04	
3 1,2-Dibromo-3-Chloropropane							
1		7.125				ND	
2		8.407					

Reagents:

GCS_EIBK_00013 Amount Added: 1.00 Units: mL

Report Date: 23-Aug-2024 07:15:13 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240822-122934.b\43EDBS24229002.023.D

Injection Date: 22-Aug-2024 14:39:00 Instrument ID: 19846

Lims ID: piblk

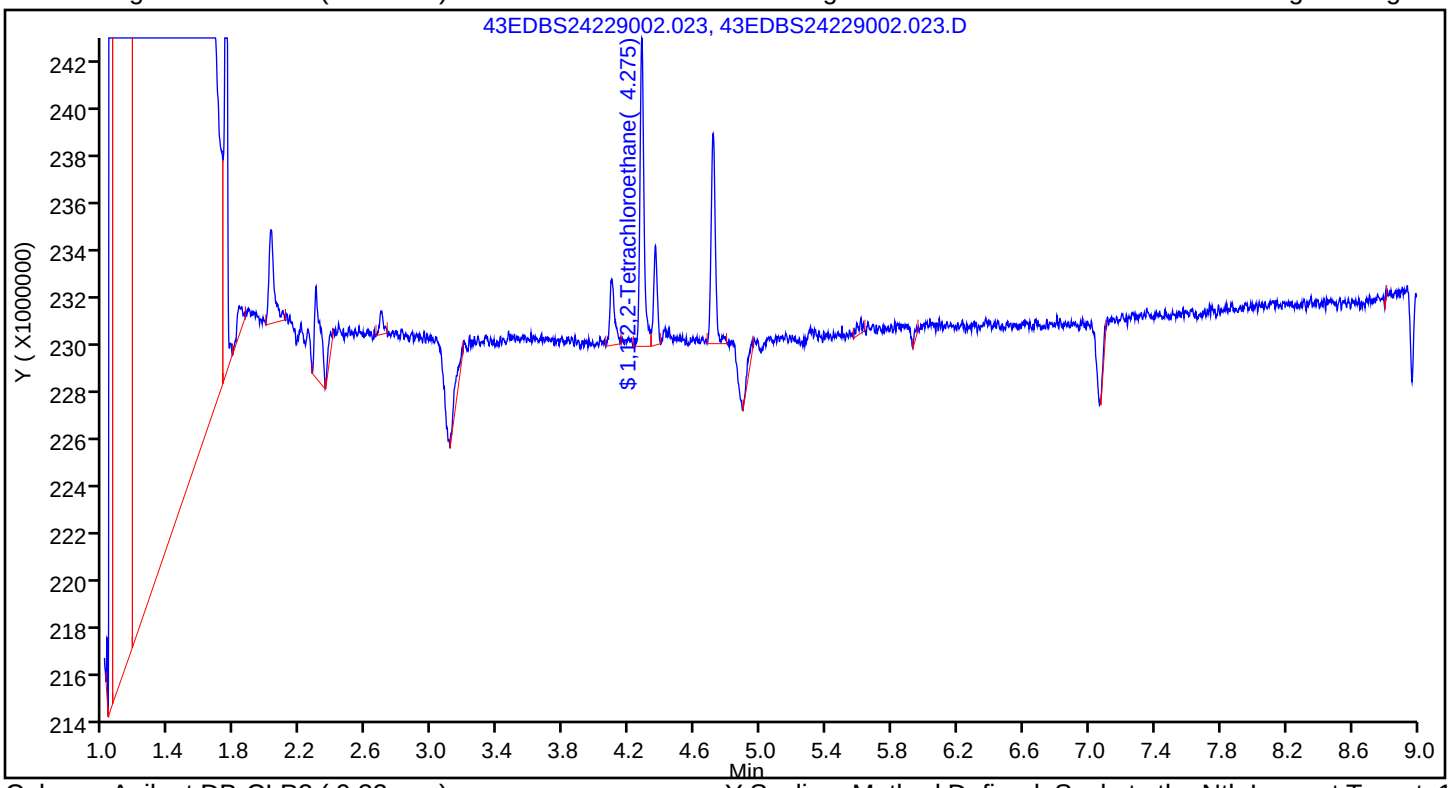
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 23

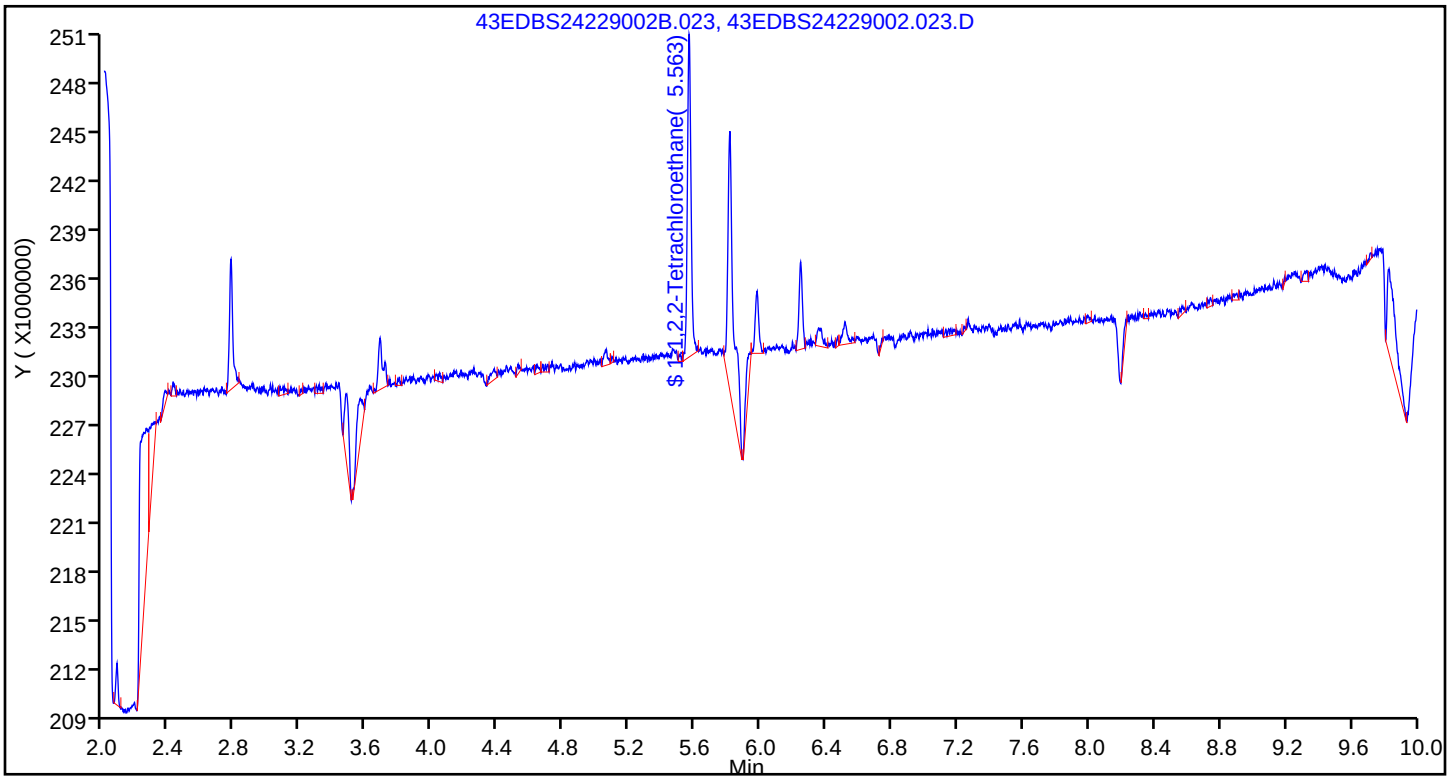
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846S Limit Group: GCSV - 8011 Solid

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-309671-1

SDG No.:

Client Sample ID:
Lab Sample ID: PIBLK 410-543779/4

Matrix: Water
Lab File ID: 16EDBW24206016.004.D

Analysis Method: 8011
Date Collected:

Extraction Method:
Date Extracted:

Sample wt/vol: 0(mL)
Date Analyzed: 08/23/2024 08:52

Con. Extract Vol.:
Dilution Factor: 1

Injection Volume: 1(uL)
GC Column: DB CLP1 ID: 0.32(mm)

% Moisture: % Solids:
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 543779
Units: ug/L

Preparation Batch No.:
Instrument ID: Agilent GC/ECD - CP16

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	0.18	U	0.53	0.18

CAS NO.	SURROGATE	%REC	Q	LIMITS
79-34-5	1,1,2,2-Tetrachloroethane (Surr)	115		46-136

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19853\20240823-123056.b\16EDBW24206016.004.D
Lims ID: piblk
Client ID:
Sample Type: PIBLK
Inject. Date: 23-Aug-2024 08:52:00 ALS Bottle#: 0 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: piblk
Misc. Info.: 410-0121628-004
Operator ID: 120 Instrument ID: 19853

Method: \\chromfs\Lancaster\ChromData\19853\20240823-123056.b\8011_19853.m
Limit Group: GCSV - 8011 Waters
Last Update: 23-Aug-2024 13:43:03 Calib Date: 24-Jul-2024 14:54:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19853\20240724-120238.b\16EDBW24206001.008.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1628

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1		4.112				ND	
2		4.883					
$ 2 1,1,2,2-Tetrachloroethane							
1	5.617	5.618	-0.001	42926676H	1.18	1.36	
2	6.567	6.568	-0.001	38201039H	1.18	1.51	
						RPD = 10.29	
3 1,2-Dibromo-3-Chloropropane							
1		8.548				ND	
2		9.258					
4 Chlorodibromomethane							
1		0.000				ND	

Reagents:

GCS_EIBK_00013 Amount Added: 1.00 Units: mL

Report Date: 23-Aug-2024 13:43:04 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19853\20240823-123056.b\16EDBW24206016.004.D

Injection Date: 23-Aug-2024 08:52:00 Instrument ID: 19853

Lims ID: piblk

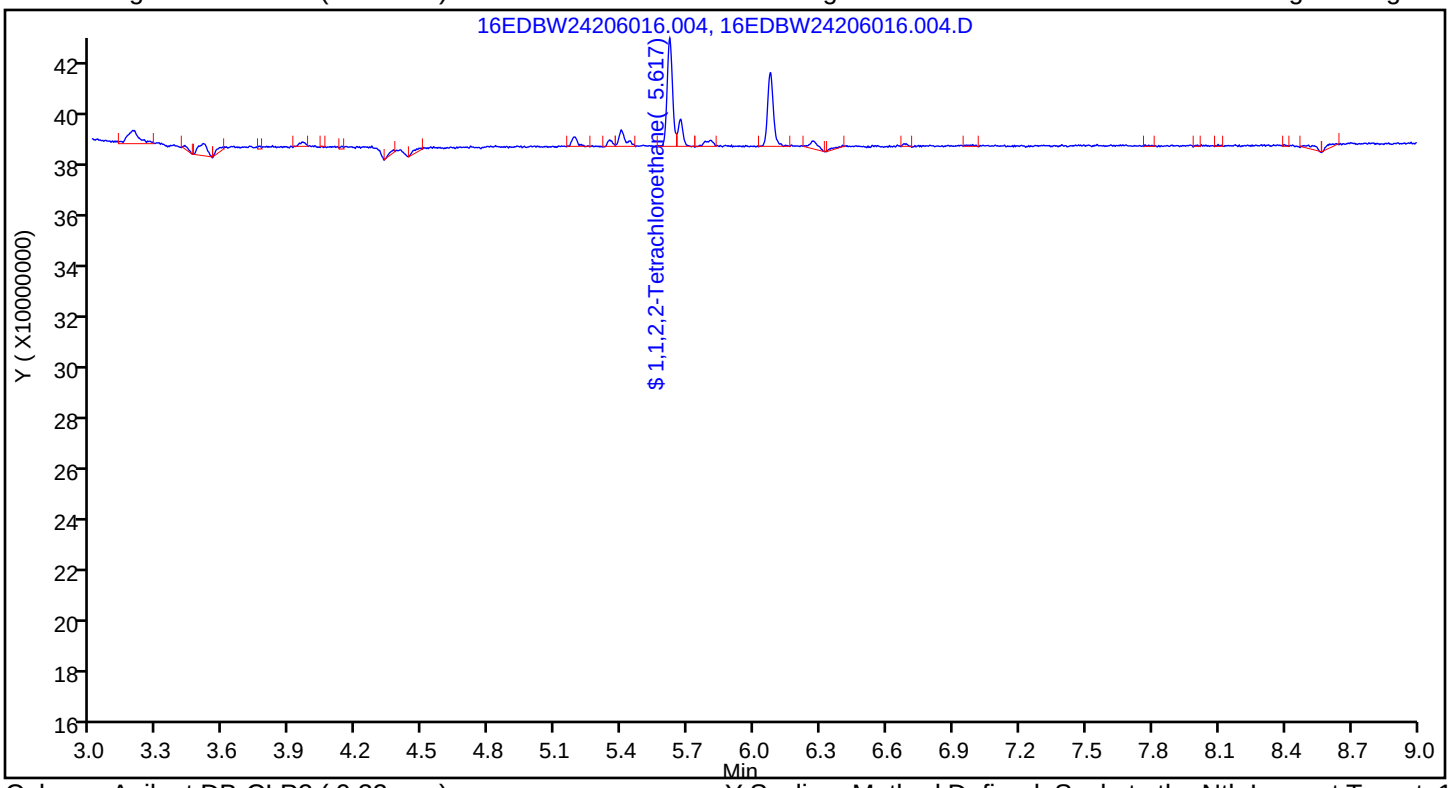
Client ID:

Operator ID: 120 ALS Bottle#: 0 Worklist Smp#: 4

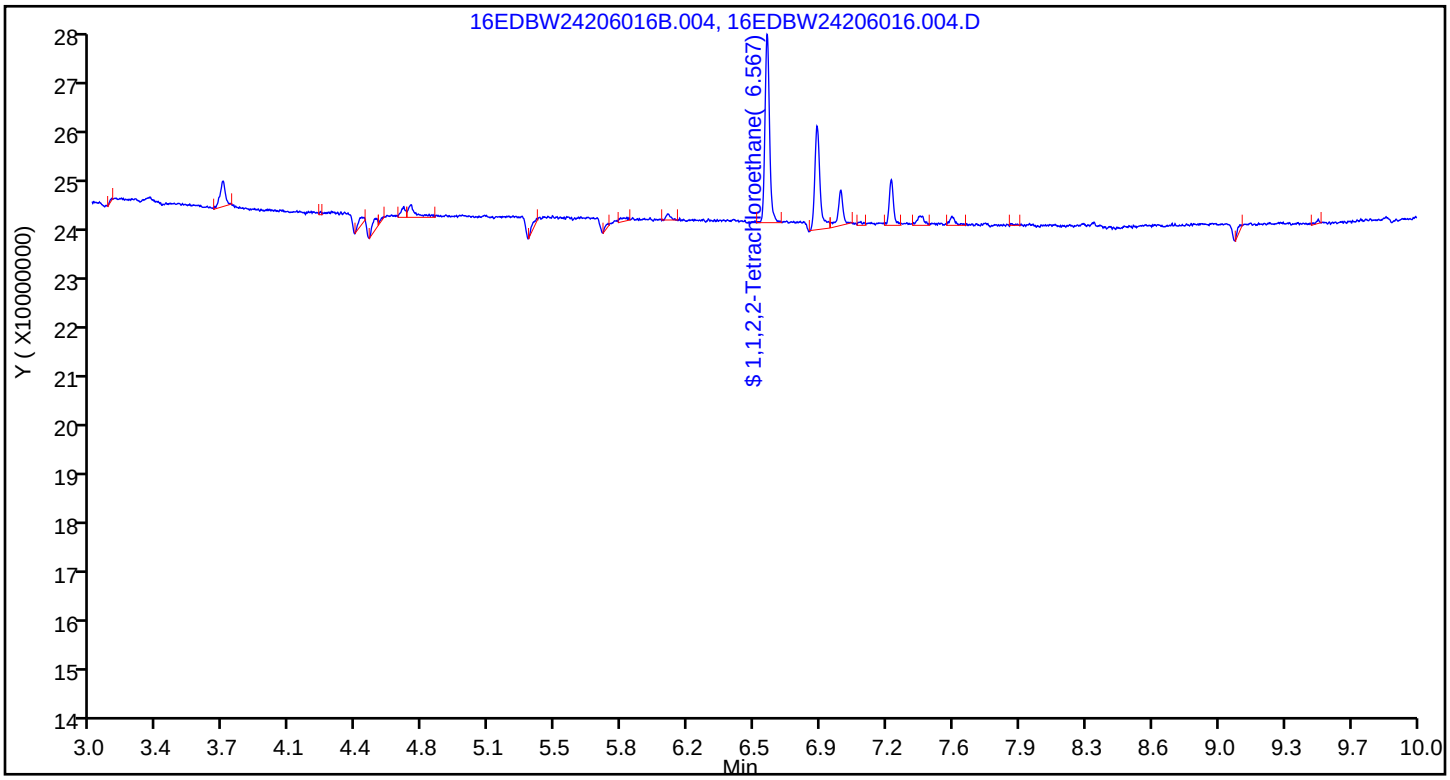
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19853 Limit Group: GCSV - 8011 Waters

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



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1:05:41 PM

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-309671-1

SDG No.:

Client Sample ID:
Lab Sample ID: PIBLK 410-543779/4

Matrix: Water
Lab File ID: 16EDBW24206016.004.D

Analysis Method: 8011
Date Collected:

Extraction Method:
Date Extracted:

Sample wt/vol: 0(mL)
Date Analyzed: 08/23/2024 08:52

Con. Extract Vol.:
Dilution Factor: 1

Injection Volume: 1(uL)
GC Column: DB CLP2 ID: 0.32(mm)

% Moisture: % Solids:
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 543779
Units: ug/L

Preparation Batch No.:
Instrument ID: Agilent GC/ECD - CP16

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	*Ethylene Dibromide*	*0.18*	*U*	*0.53*	*0.18*

CAS NO.	SURROGATE	%REC	Q	LIMITS
79-34-5	1,1,2,2-Tetrachloroethane (Surr)	128		46-136

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19853\20240823-123056.b\16EDBW24206016.004.D
Lims ID: piblk
Client ID:
Sample Type: PIBLK
Inject. Date: 23-Aug-2024 08:52:00 ALS Bottle#: 0 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: piblk
Misc. Info.: 410-0121628-004
Operator ID: 120 Instrument ID: 19853

Method: \\chromfs\Lancaster\ChromData\19853\20240823-123056.b\8011_19853.m
Limit Group: GCSV - 8011 Waters
Last Update: 23-Aug-2024 13:43:03 Calib Date: 24-Jul-2024 14:54:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19853\20240724-120238.b\16EDBW24206001.008.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1628

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1		4.112				ND	
2		4.883					
$ 2 1,1,2,2-Tetrachloroethane							
1	5.617	5.618	-0.001	42926676H	1.18	1.36	
2	6.567	6.568	-0.001	38201039H	1.18	1.51	
						RPD = 10.29	
3 1,2-Dibromo-3-Chloropropane							
1		8.548				ND	
2		9.258					
4 Chlorodibromomethane							
1		0.000				ND	

Reagents:

GCS_EIBK_00013 Amount Added: 1.00 Units: mL

Report Date: 23-Aug-2024 13:43:05 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19853\20240823-123056.b\16EDBW24206016.004.D

Injection Date: 23-Aug-2024 08:52:00 Instrument ID: 19853

Lims ID: piblk

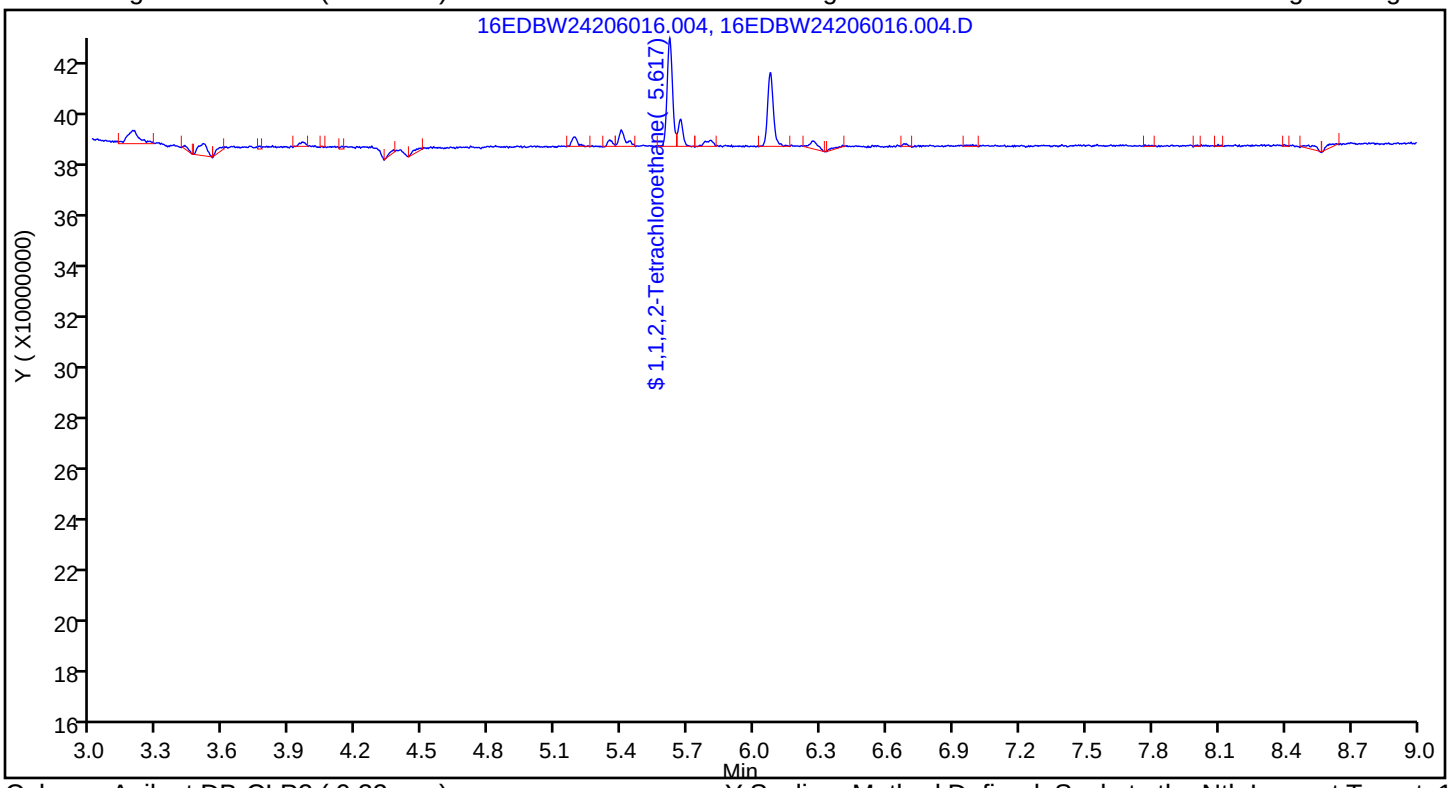
Client ID:

Operator ID: 120 ALS Bottle#: 0 Worklist Smp#: 4

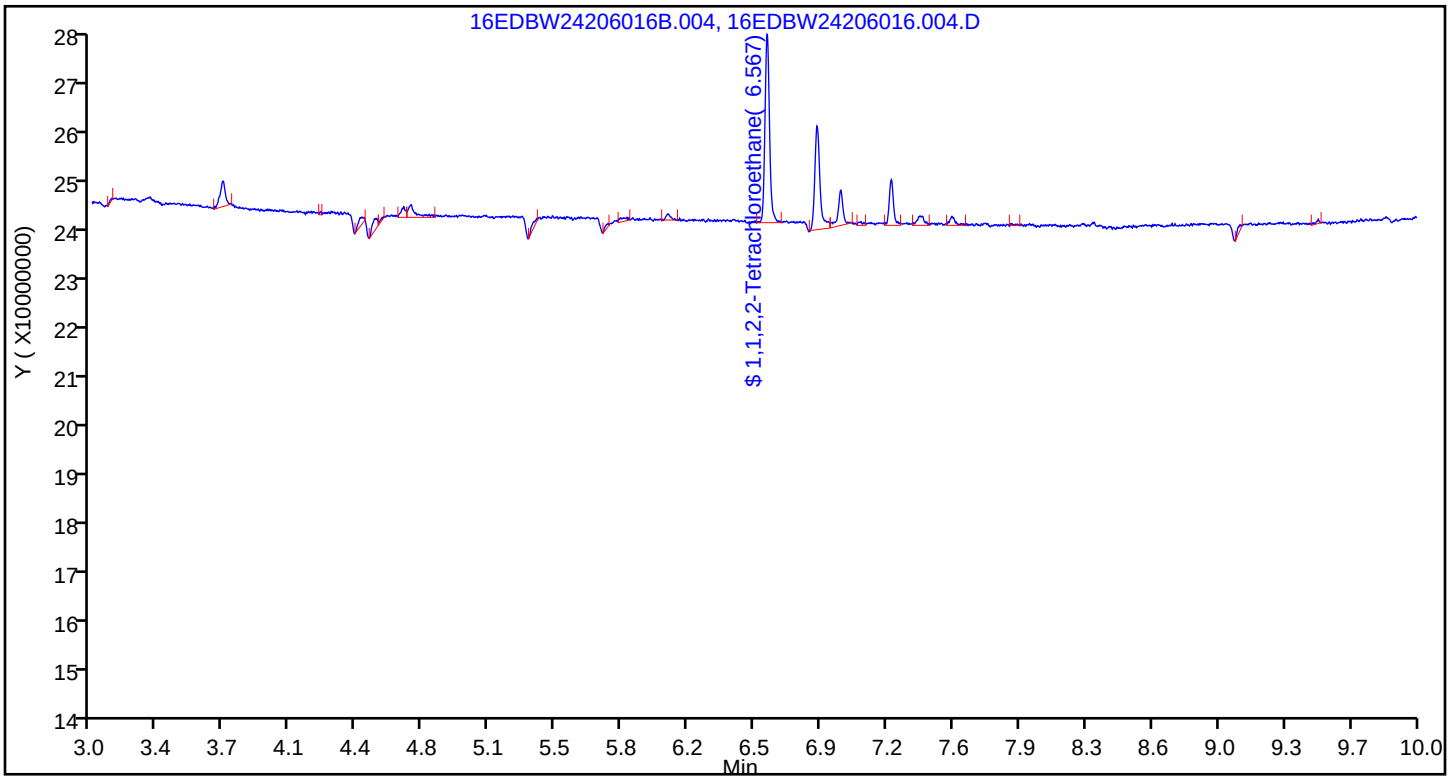
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19853 Limit Group: GCSV - 8011 Waters

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



9/9/2024
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FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-309671-1

SDG No.:

Client Sample ID:
Lab Sample ID: PIBLK 410-543779/20

Matrix: Water
Lab File ID: 16EDBW24206016.020.D

Analysis Method: 8011
Date Collected:

Extraction Method:
Date Extracted:

Sample wt/vol:
Date Analyzed: 08/23/2024 13:20

Con. Extract Vol.:
Dilution Factor: 1

Injection Volume: 1(uL)
GC Column: DB CLP1 ID: 0.32(mm)

% Moisture: % Solids:
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 543779
Units: ug/L

Preparation Batch No.:
Instrument ID: Agilent GC/ECD - CP16

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	0.18	U	0.53	0.18

CAS NO.	SURROGATE	%REC	Q	LIMITS
79-34-5	1,1,2,2-Tetrachloroethane (Surr)	116		46-136

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19853\20240823-123056.b\16EDBW24206016.020.D
Lims ID: piblk
Client ID:
Sample Type: PIBLK
Inject. Date: 23-Aug-2024 13:20:00 ALS Bottle#: 0 Worklist Smp#: 20
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: ccv
Misc. Info.: 410-0121628-020
Operator ID: 120 Instrument ID: 19853

Method: \\chromfs\Lancaster\ChromData\19853\20240823-123056.b\8011_19853.m
Limit Group: GCSV - 8011 Waters
Last Update: 23-Aug-2024 13:43:21 Calib Date: 24-Jul-2024 14:54:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19853\20240724-120238.b\16EDBW24206001.008.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1628

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1		4.112				ND	
2		4.883					
$ 2 1,1,2,2-Tetrachloroethane							
1	5.618	5.618	0.000	43348232H	1.18	1.38	
2	6.567	6.568	-0.001	38654928H	1.18	1.53	
						RPD = 10.49	
3 1,2-Dibromo-3-Chloropropane							
1		8.548				ND	
2		9.258					
4 Chlorodibromomethane							
1		0.000				ND	

Reagents:

GCS_EIBK_00013 Amount Added: 1.00 Units: mL

Report Date: 23-Aug-2024 13:43:22 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19853\20240823-123056.b\16EDBW24206016.020.D

Injection Date: 23-Aug-2024 13:20:00 Instrument ID: 19853

Lims ID: piblk

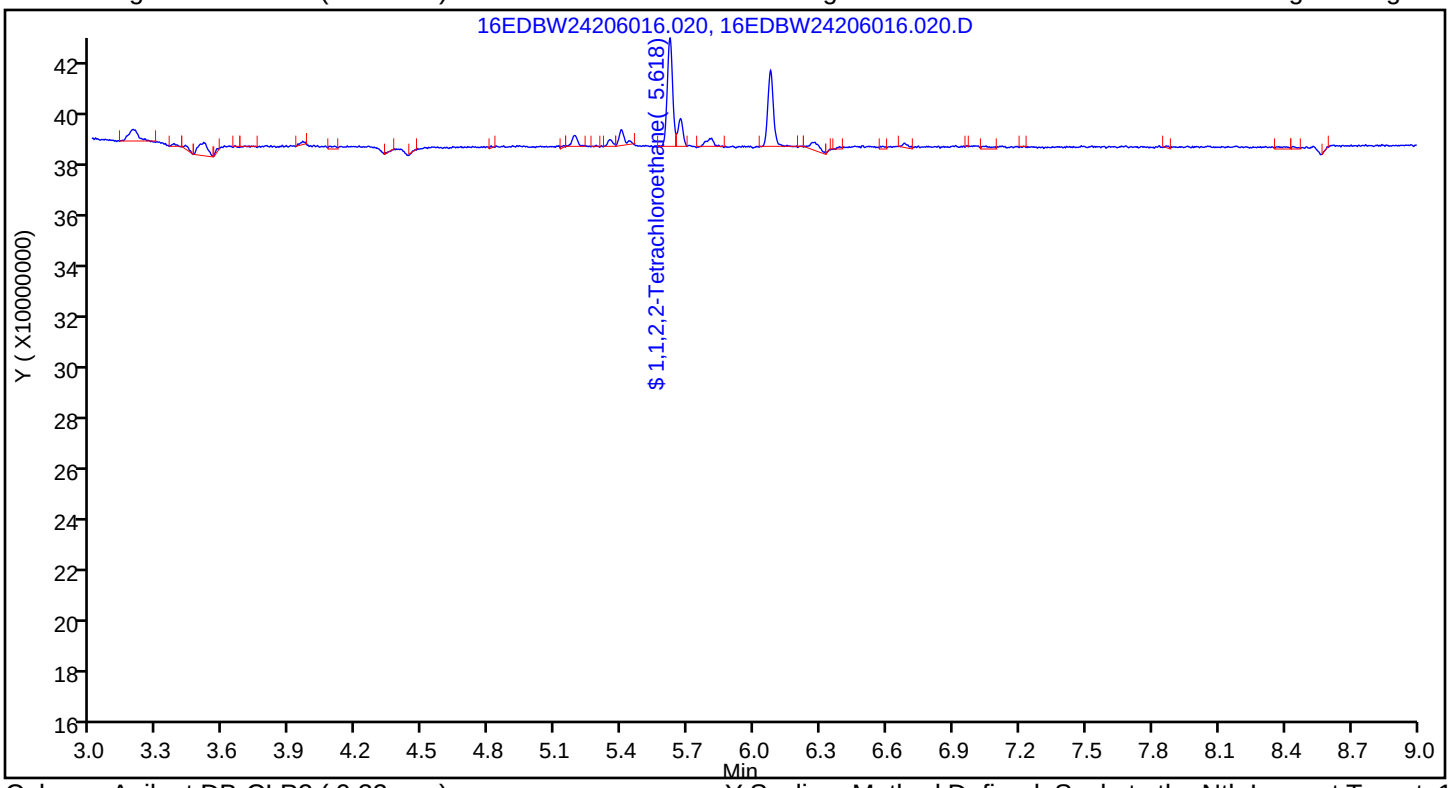
Client ID:

Operator ID: 120 ALS Bottle#: 0 Worklist Smp#: 20

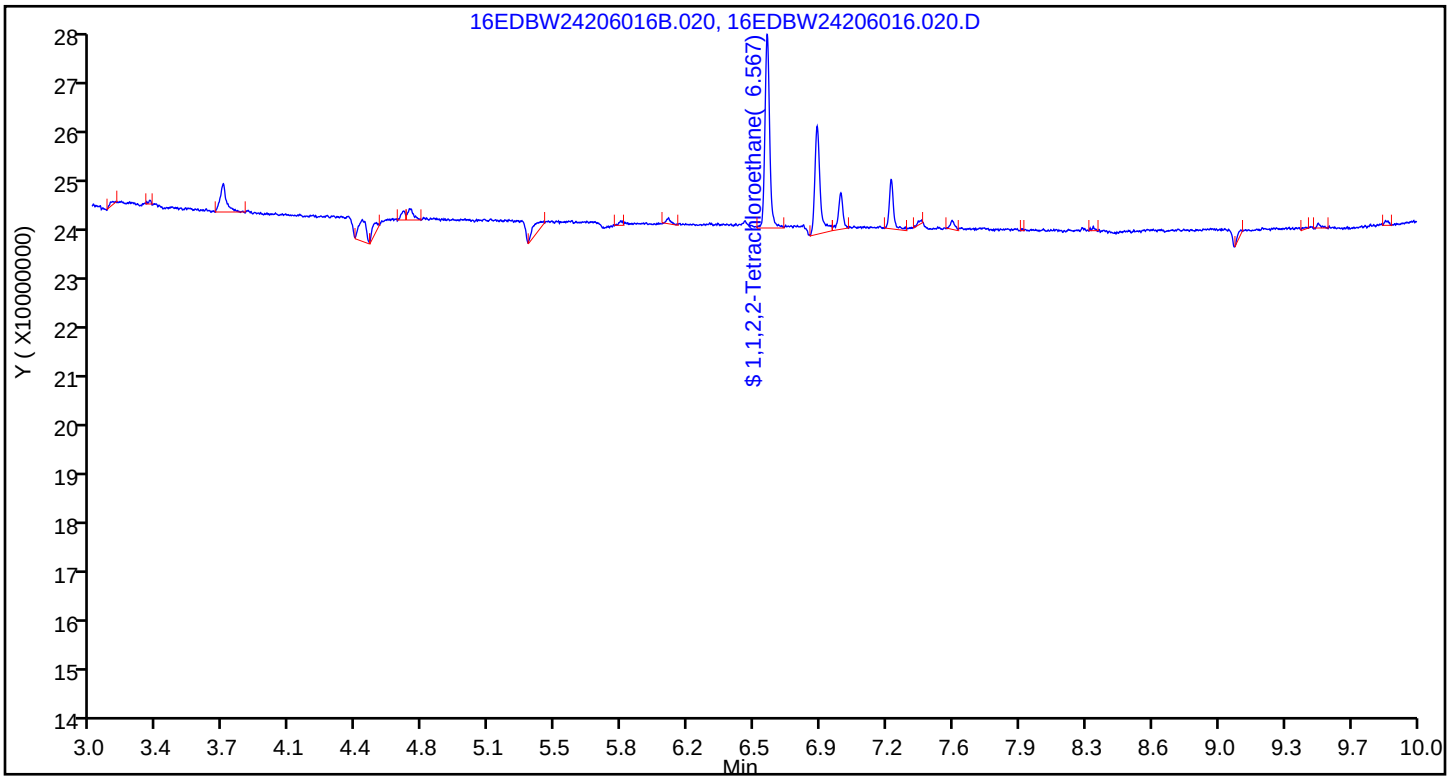
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19853 Limit Group: GCSV - 8011 Waters

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



9/9/2024
1:05:41 PM

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-309671-1

SDG No.:

Client Sample ID:
Lab Sample ID: PIBLK 410-543779/20

Matrix: Water
Lab File ID: 16EDBW24206016.020.D

Analysis Method: 8011
Date Collected:

Extraction Method:
Date Extracted:

Sample wt/vol:
Date Analyzed: 08/23/2024 13:20

Con. Extract Vol.:
Dilution Factor: 1

Injection Volume: 1(uL)
GC Column: DB CLP2 ID: 0.32(mm)

% Moisture: % Solids:
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 543779
Units: ug/L

Preparation Batch No.:
Instrument ID: Agilent GC/ECD - CP16

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	*Ethylene Dibromide*	*0.18*	*U*	*0.53*	*0.18*

CAS NO.	SURROGATE	%REC	Q	LIMITS
79-34-5	1,1,2,2-Tetrachloroethane (Surr)	129		46-136

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19853\20240823-123056.b\16EDBW24206016.020.D
Lims ID: piblk
Client ID:
Sample Type: PIBLK
Inject. Date: 23-Aug-2024 13:20:00 ALS Bottle#: 0 Worklist Smp#: 20
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: ccv
Misc. Info.: 410-0121628-020
Operator ID: 120 Instrument ID: 19853

Method: \\chromfs\Lancaster\ChromData\19853\20240823-123056.b\8011_19853.m
Limit Group: GCSV - 8011 Waters
Last Update: 23-Aug-2024 13:43:21 Calib Date: 24-Jul-2024 14:54:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19853\20240724-120238.b\16EDBW24206001.008.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1628

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1		4.112				ND	
2		4.883					
$ 2 1,1,2,2-Tetrachloroethane							
1	5.618	5.618	0.000	43348232H	1.18	1.38	
2	6.567	6.568	-0.001	38654928H	1.18	1.53	
						RPD = 10.49	
3 1,2-Dibromo-3-Chloropropane							
1		8.548				ND	
2		9.258					
4 Chlorodibromomethane							
1		0.000				ND	

Reagents:

GCS_EIBK_00013 Amount Added: 1.00 Units: mL

Report Date: 23-Aug-2024 13:43:23 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19853\20240823-123056.b\16EDBW24206016.020.D

Injection Date: 23-Aug-2024 13:20:00 Instrument ID: 19853

Lims ID: piblk

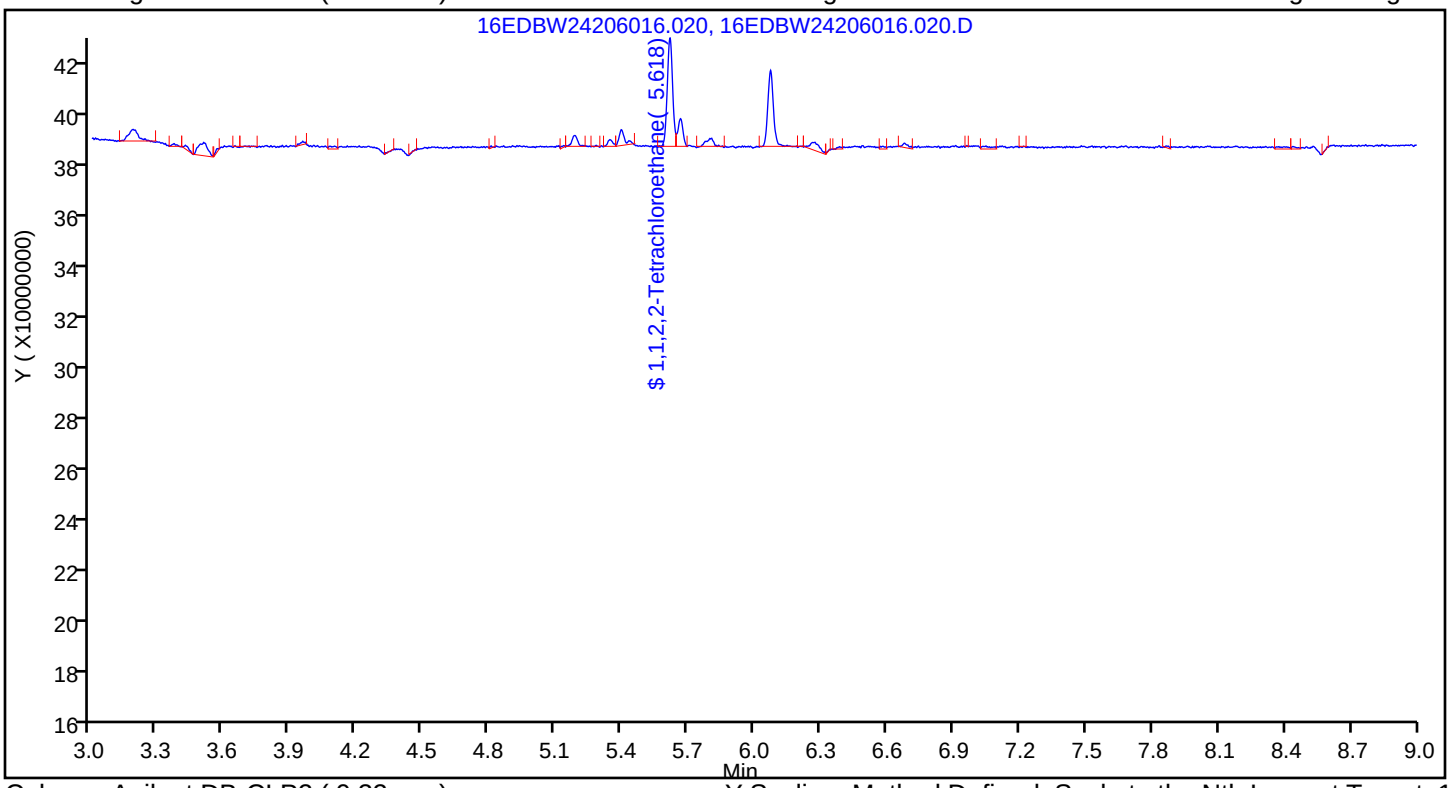
Client ID:

Operator ID: 120 ALS Bottle#: 0 Worklist Smp#: 20

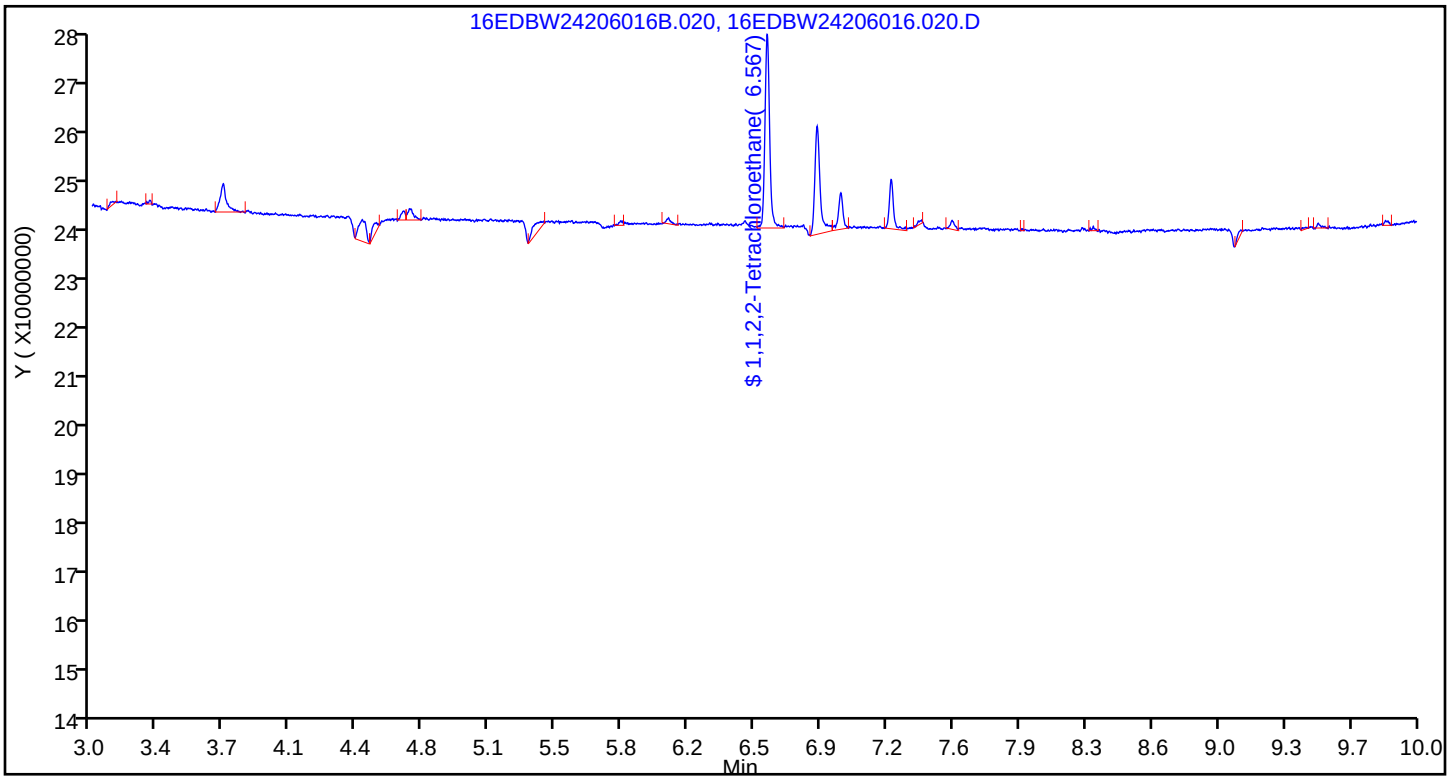
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19853 Limit Group: GCSV - 8011 Waters

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



9/9/2024
1:05:41 PM

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-309671-1

SDG No.:

Client Sample ID:
Lab Sample ID: PIBLK 410-548652/4

Matrix: Solid
Lab File ID: 43EDBS24229003.004.D

Analysis Method: 8011
Date Collected:

Extraction Method:
Date Extracted:

Sample wt/vol: 0(mL)
Date Analyzed: 09/06/2024 14:01

Con. Extract Vol.:
Dilution Factor: 1

Injection Volume: 1(uL)
GC Column: DB CLP1 ID: 0.32(mm)

% Moisture: % Solids:
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 548652
Units: ug/L

Preparation Batch No.:
Instrument ID: Agilent GC/ECD - CP43

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	0.18	U	0.53	0.18

CAS NO.	SURROGATE	%REC	Q	LIMITS
79-34-5	1,1,2,2-Tetrachloroethane (Surr)	129		60-140

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240906-124269.b\43EDBS24229003.004.D
Lims ID: piblk
Client ID:
Sample Type: PIBLK
Inject. Date: 06-Sep-2024 14:01:00 ALS Bottle#: 0 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: piblk
Operator ID: Instrument ID: 19846

Method: \\chromfs\Lancaster\ChromData\19846\20240906-124269.b\8011_19846S.m
Limit Group: GCSV - 8011 Solid
Last Update: 09-Sep-2024 08:27:05 Calib Date: 16-Aug-2024 12:55:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240816-122419.b\43EDBS24229001.009.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1644

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1		2.820				ND	
2		3.895					
$ 2 1,1,2,2-Tetrachloroethane							
1	4.273	4.275	-0.002	11846212H	1.18	1.52	
2	5.563	5.563	0.000	18311583H	1.18	1.50	
						RPD = 1.41	
3 1,2-Dibromo-3-Chloropropane							
1		7.123				ND	
2		8.407					

Reagents:

GCS_EIBK_00013 Amount Added: 1.00 Units: mL

Report Date: 09-Sep-2024 08:27:06 Chrom Revision: 2.3 26-Aug-2024 17:14:48

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240906-124269.b\43EDBS24229003.004.D

Injection Date: 06-Sep-2024 14:01:00 Instrument ID: 19846

Lims ID: piblk

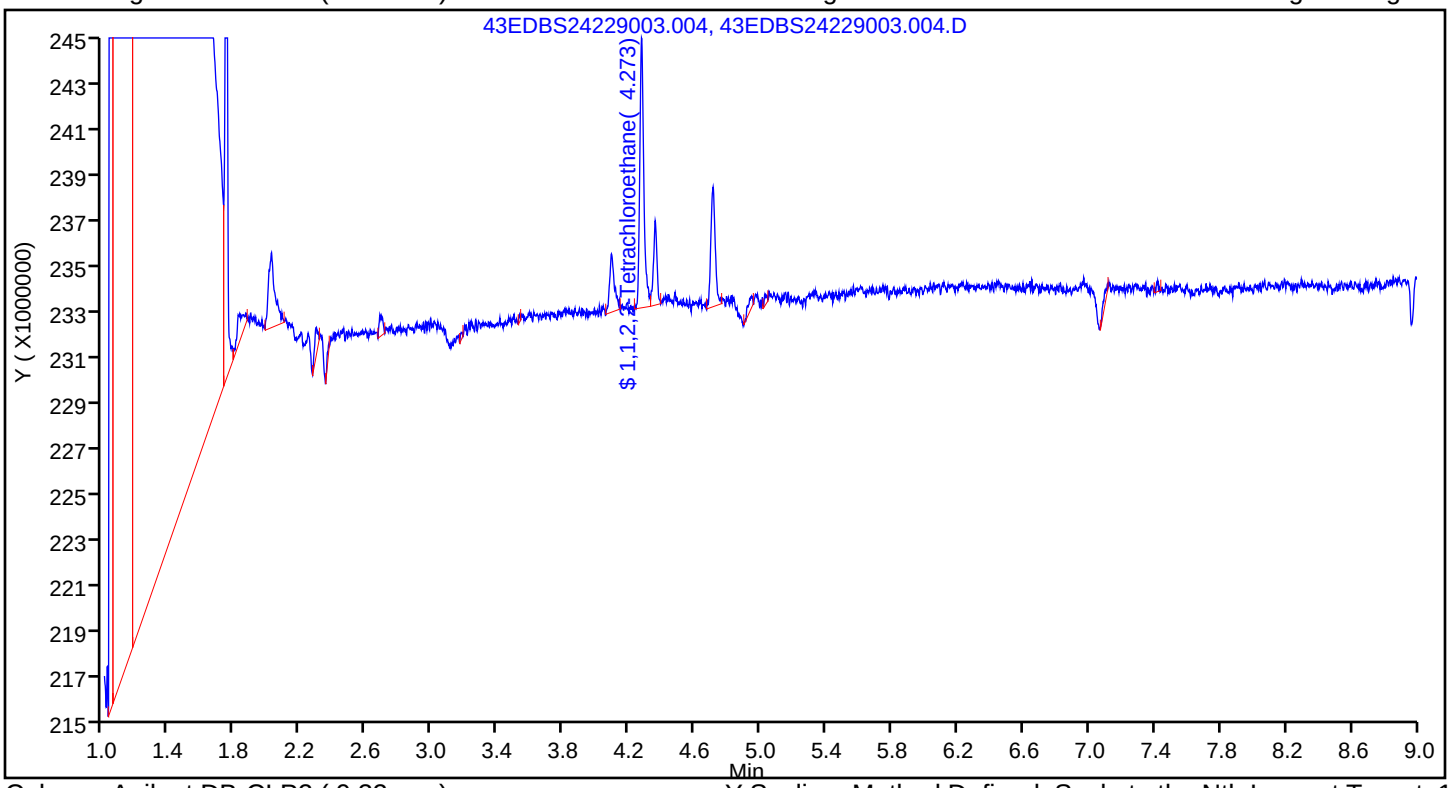
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 4

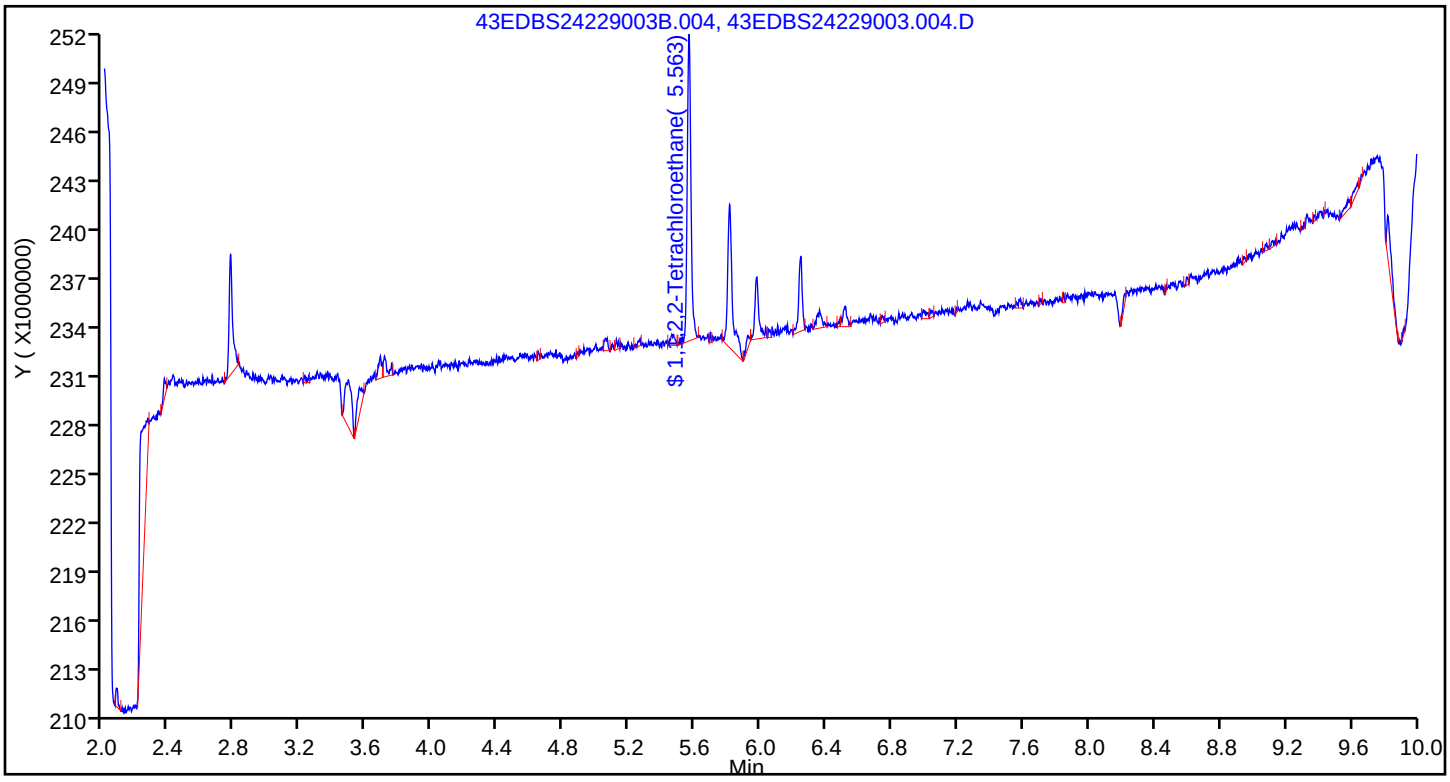
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846S Limit Group: GCSV - 8011 Solid

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-309671-1

SDG No.:

Client Sample ID:
Lab Sample ID: PIBLK 410-548652/4

Matrix: Solid
Lab File ID: 43EDBS24229003.004.D

Analysis Method: 8011
Date Collected:

Extraction Method:
Date Extracted:

Sample wt/vol: 0(mL)
Date Analyzed: 09/06/2024 14:01

Con. Extract Vol.:
Dilution Factor: 1

Injection Volume: 1(uL)
GC Column: DB CLP2 ID: 0.32(mm)

% Moisture: % Solids:
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 548652
Units: ug/L

Preparation Batch No.:
Instrument ID: Agilent GC/ECD - CP43

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	*Ethylene Dibromide*	*0.18*	*U*	*0.53*	*0.18*

CAS NO.	SURROGATE	%REC	Q	LIMITS
79-34-5	1,1,2,2-Tetrachloroethane (Surr)	127		60-140

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240906-124269.b\43EDBS24229003.004.D
Lims ID: piblk
Client ID:
Sample Type: PIBLK
Inject. Date: 06-Sep-2024 14:01:00 ALS Bottle#: 0 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: piblk
Operator ID: Instrument ID: 19846

Method: \\chromfs\Lancaster\ChromData\19846\20240906-124269.b\8011_19846S.m
Limit Group: GCSV - 8011 Solid
Last Update: 09-Sep-2024 08:27:05 Calib Date: 16-Aug-2024 12:55:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240816-122419.b\43EDBS24229001.009.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1644

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1		2.820				ND	
2		3.895					
$ 2 1,1,2,2-Tetrachloroethane							
1	4.273	4.275	-0.002	11846212H	1.18	1.52	
2	5.563	5.563	0.000	18311583H	1.18	1.50	
						RPD = 1.41	
3 1,2-Dibromo-3-Chloropropane							
1		7.123				ND	
2		8.407					

Reagents:

GCS_EIBK_00013 Amount Added: 1.00 Units: mL

Report Date: 09-Sep-2024 08:27:07 Chrom Revision: 2.3 26-Aug-2024 17:14:48

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240906-124269.b\43EDBS24229003.004.D

Injection Date: 06-Sep-2024 14:01:00 Instrument ID: 19846

Lims ID: piblk

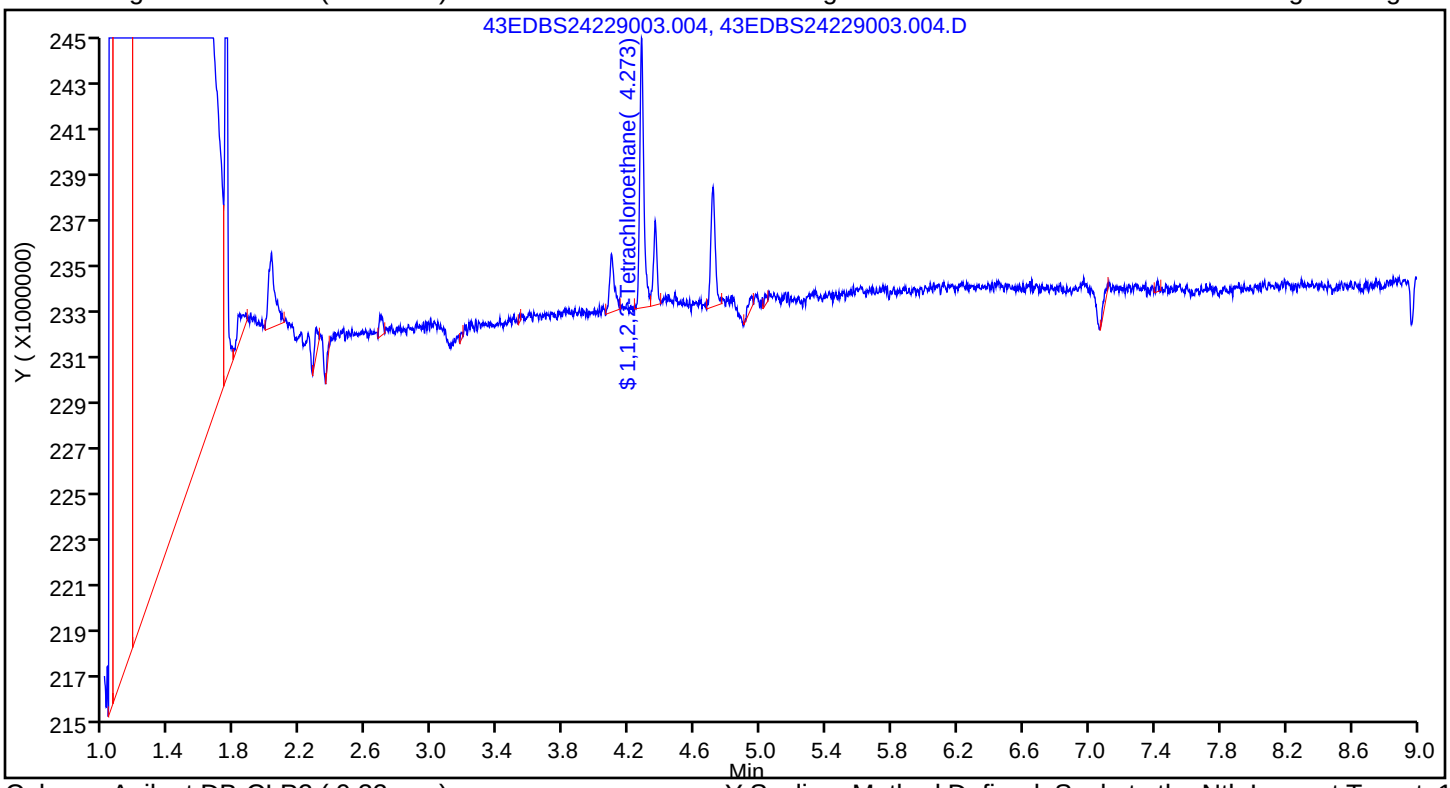
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 4

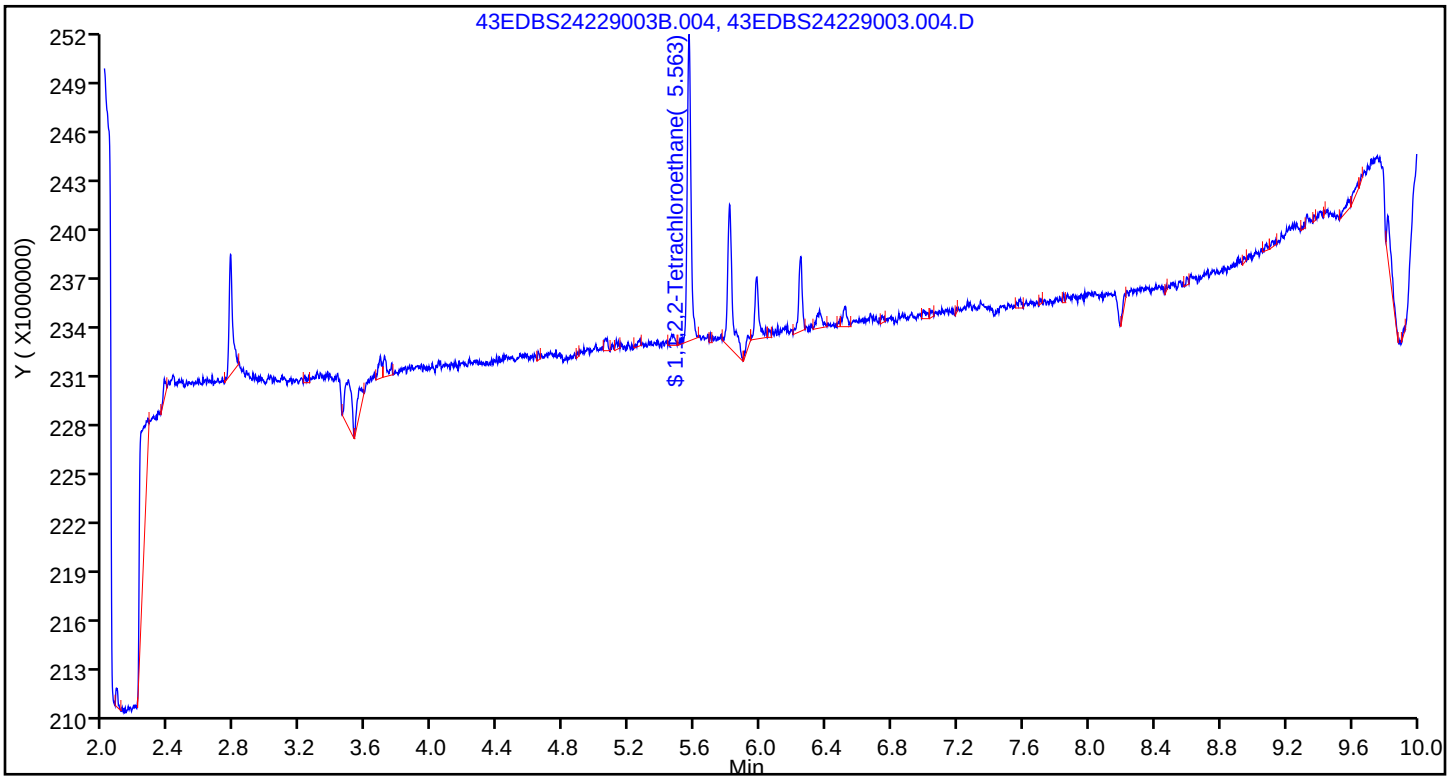
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846S Limit Group: GCSV - 8011 Solid

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-309671-1

SDG No.:

Client Sample ID:
Lab Sample ID: PIBLK 410-548652/23

Matrix: Solid
Lab File ID: 43EDBS24229003.012.D

Analysis Method: 8011
Date Collected:

Extraction Method:
Date Extracted:

Sample wt/vol: 0(mL)
Date Analyzed: 09/09/2024 08:13

Con. Extract Vol.:
Dilution Factor: 1

Injection Volume: 1(uL)
GC Column: DB CLP1 ID: 0.32(mm)

% Moisture: % Solids:
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 548652
Units: ug/L

Preparation Batch No.:
Instrument ID: Agilent GC/ECD - CP43

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	0.18	U	0.53	0.18

CAS NO.	SURROGATE	%REC	Q	LIMITS
79-34-5	1,1,2,2-Tetrachloroethane (Surr)	130		60-140

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240906-124269.b\43EDBS24229003.012.D
Lims ID: piblk
Client ID:
Sample Type: PIBLK
Inject. Date: 09-Sep-2024 08:13:00 ALS Bottle#: 0 Worklist Smp#: 23
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: piblk
Operator ID: Instrument ID: 19846

Method: \\chromfs\Lancaster\ChromData\19846\20240906-124269.b\8011_19846S.m
Limit Group: GCSV - 8011 Solid
Last Update: 09-Sep-2024 08:27:14 Calib Date: 16-Aug-2024 12:55:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240816-122419.b\43EDBS24229001.009.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1644

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1		2.820				ND	
2		3.895					
$ 2 1,1,2,2-Tetrachloroethane							
1	4.273	4.275	-0.002	11987491H	1.18	1.54	
2	5.562	5.563	-0.001	18844356H	1.18	1.55	
						RPD = 0.38	
3 1,2-Dibromo-3-Chloropropane							
1	7.113	7.123	-0.010	346687H		-0.3029	
2	8.425	8.407	0.018	559128H		-0.2904	
						RPD = -4.19	

Reagents:

GCS_EIBK_00013 Amount Added: 1.00 Units: mL

Report Date: 09-Sep-2024 08:27:15 Chrom Revision: 2.3 26-Aug-2024 17:14:48

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240906-124269.b\43EDBS24229003.012.D

Injection Date: 09-Sep-2024 08:13:00 Instrument ID: 19846

Lims ID: piblk

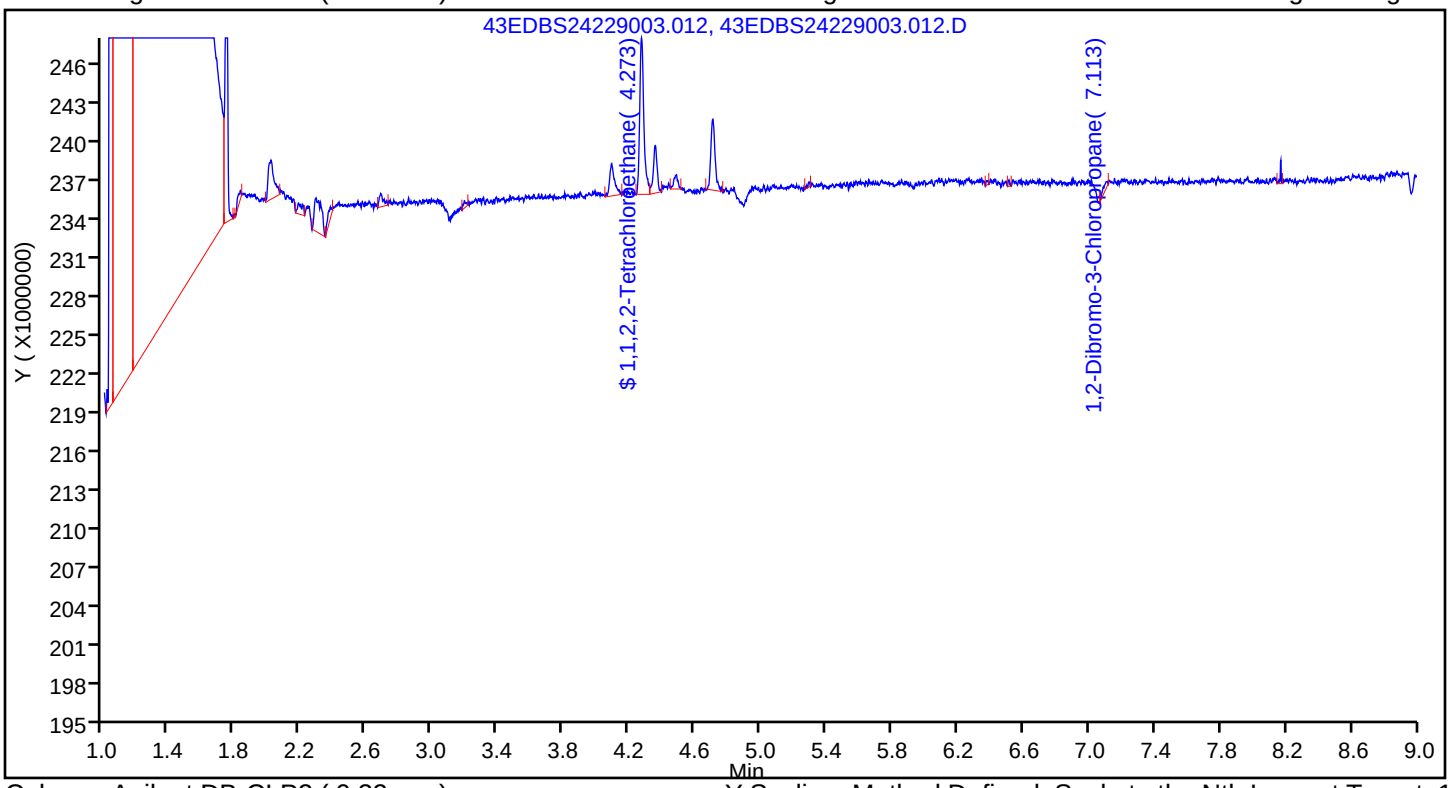
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 23

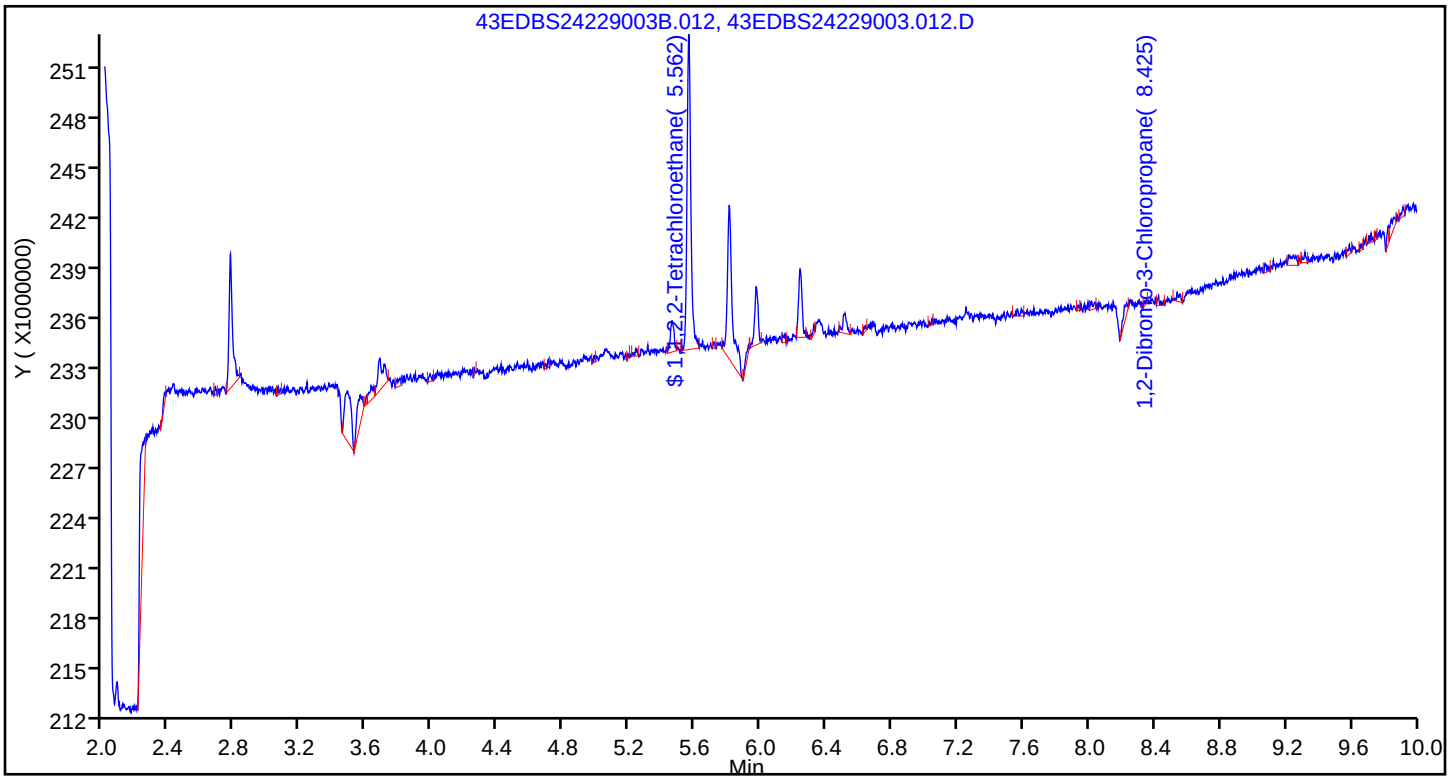
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846S Limit Group: GCSV - 8011 Solid

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-309671-1

SDG No.:

Client Sample ID:
Lab Sample ID: PIBLK 410-548652/23

Matrix: Solid
Lab File ID: 43EDBS24229003.012.D

Analysis Method: 8011
Date Collected:

Extraction Method:
Date Extracted:

Sample wt/vol: 0(mL)
Date Analyzed: 09/09/2024 08:13

Con. Extract Vol.:
Dilution Factor: 1

Injection Volume: 1(uL)
GC Column: DB CLP2 ID: 0.32(mm)

% Moisture: % Solids:
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 548652
Units: ug/L

Preparation Batch No.:
Instrument ID: Agilent GC/ECD - CP43

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	*Ethylene Dibromide*	*0.18*	*U*	*0.53*	*0.18*

CAS NO.	SURROGATE	%REC	Q	LIMITS
79-34-5	1,1,2,2-Tetrachloroethane (Surr)	131		60-140

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240906-124269.b\43EDBS24229003.012.D
Lims ID: piblk
Client ID:
Sample Type: PIBLK
Inject. Date: 09-Sep-2024 08:13:00 ALS Bottle#: 0 Worklist Smp#: 23
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: piblk
Operator ID: Instrument ID: 19846

Method: \\chromfs\Lancaster\ChromData\19846\20240906-124269.b\8011_19846S.m
Limit Group: GCSV - 8011 Solid
Last Update: 09-Sep-2024 08:27:14 Calib Date: 16-Aug-2024 12:55:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240816-122419.b\43EDBS24229001.009.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1644

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1		2.820				ND	
2		3.895					
$ 2 1,1,2,2-Tetrachloroethane							
1	4.273	4.275	-0.002	11987491H	1.18	1.54	
2	5.562	5.563	-0.001	18844356H	1.18	1.55	
						RPD = 0.38	
3 1,2-Dibromo-3-Chloropropane							
1	7.113	7.123	-0.010	346687H		-0.3029	
2	8.425	8.407	0.018	559128H		-0.2904	
						RPD = -4.19	

Reagents:

GCS_EIBK_00013 Amount Added: 1.00 Units: mL

Report Date: 09-Sep-2024 08:27:15 Chrom Revision: 2.3 26-Aug-2024 17:14:48

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240906-124269.b\43EDBS24229003.012.D

Injection Date: 09-Sep-2024 08:13:00 Instrument ID: 19846

Lims ID: piblk

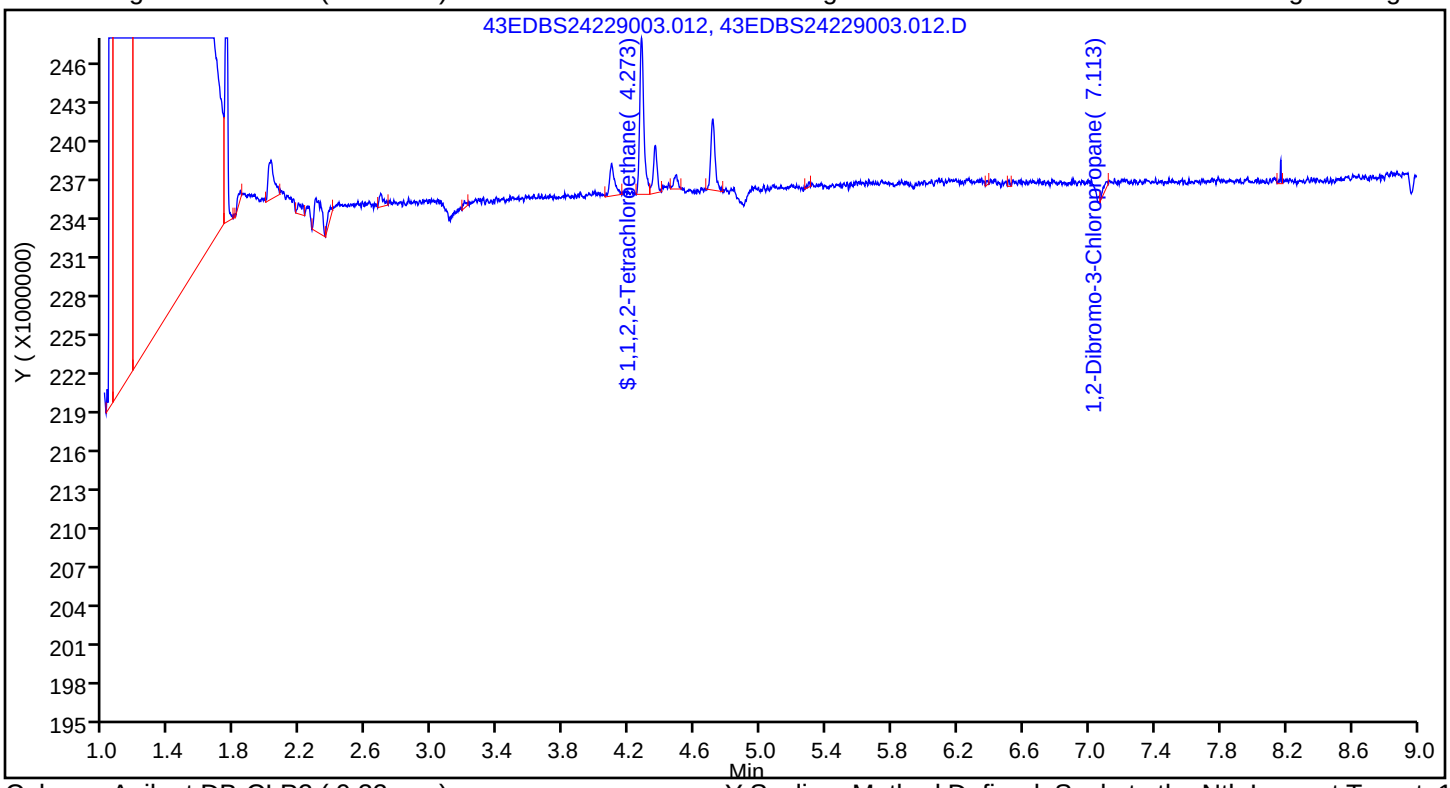
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 23

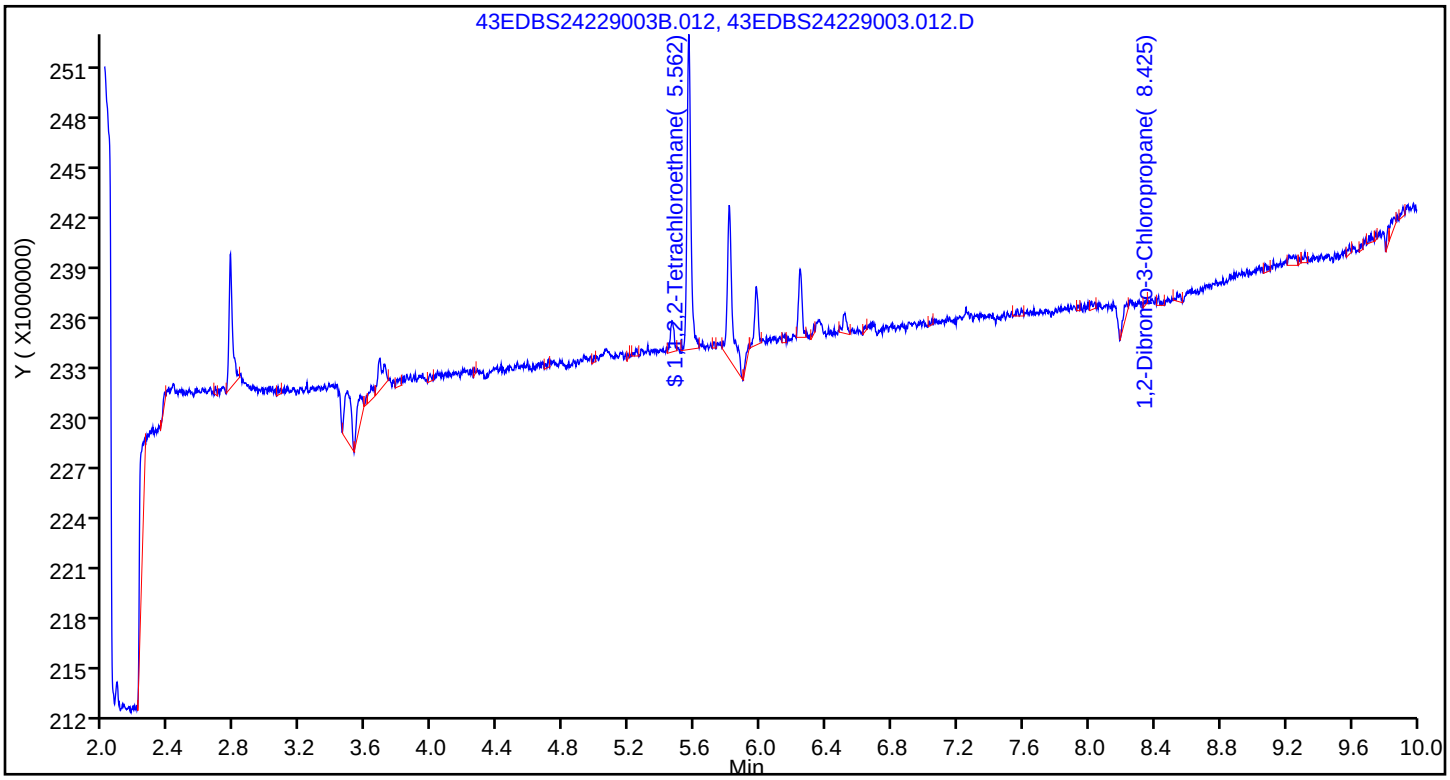
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846S Limit Group: GCSV - 8011 Solid

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



9/9/2024
1:05:41 PM

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-309671-1

SDG No.:

Client Sample ID:
Lab Sample ID: LCS 410-542917/2-A

Matrix: Solid
Lab File ID: 43EDBS24229002.006.D

Analysis Method: 8011
Date Collected:

Extraction Method: 8011
Date Extracted: 08/21/2024 11:19

Sample wt/vol: 10(g)
Date Analyzed: 08/22/2024 09:48

Con. Extract Vol.: 10(mL)
Dilution Factor: 1

Injection Volume: 1(uL)
GC Column: DB CLP1 ID: 0.32(mm)

% Moisture: % Solids:
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 543309
Units: mg/Kg

Preparation Batch No.: 542917
Instrument ID: Agilent GC/ECD - CP43

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	0.00246		0.00050	0.00021

CAS NO.	SURROGATE	%REC	Q	LIMITS
79-34-5	1,1,2,2-Tetrachloroethane (Surr)	113		60-140

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240822-122934.b\43EDBS24229002.006.D
Lims ID: LCS 410-542917/2-A
Client ID:
Sample Type: LCS
Inject. Date: 22-Aug-2024 09:48:00 ALS Bottle#: 0 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: LCS 410-542917/2-A
Operator ID: Instrument ID: 19846

Method: \\chromfs\Lancaster\ChromData\19846\20240822-122934.b\8011_19846S.m
Limit Group: GCSV - 8011 Solid
Last Update: 23-Aug-2024 07:14:56 Calib Date: 16-Aug-2024 12:55:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240816-122419.b\43EDBS24229001.009.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1628

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	2.820	2.822	-0.002	22255352H	2.59	2.46	
2	3.897	3.897	0.000	34898885H	2.59	2.39	
						RPD = 3.21	
$ 2 1,1,2,2-Tetrachloroethane							
1	4.275	4.275	0.000	10954140H	1.23	1.40	
2	5.565	5.563	0.002	16510123H	1.23	1.34	
						RPD = 4.02	
3 1,2-Dibromo-3-Chloropropane							
1	7.125	7.125	0.000	49383084H	2.58	3.09	
2	8.407	8.407	0.000	67620344H	2.58	3.05	
						RPD = 1.42	

Report Date: 23-Aug-2024 07:14:58 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240822-122934.b\43EDBS24229002.006.D

Injection Date: 22-Aug-2024 09:48:00 Instrument ID: 19846

Lims ID: LCS 410-542917/2-A

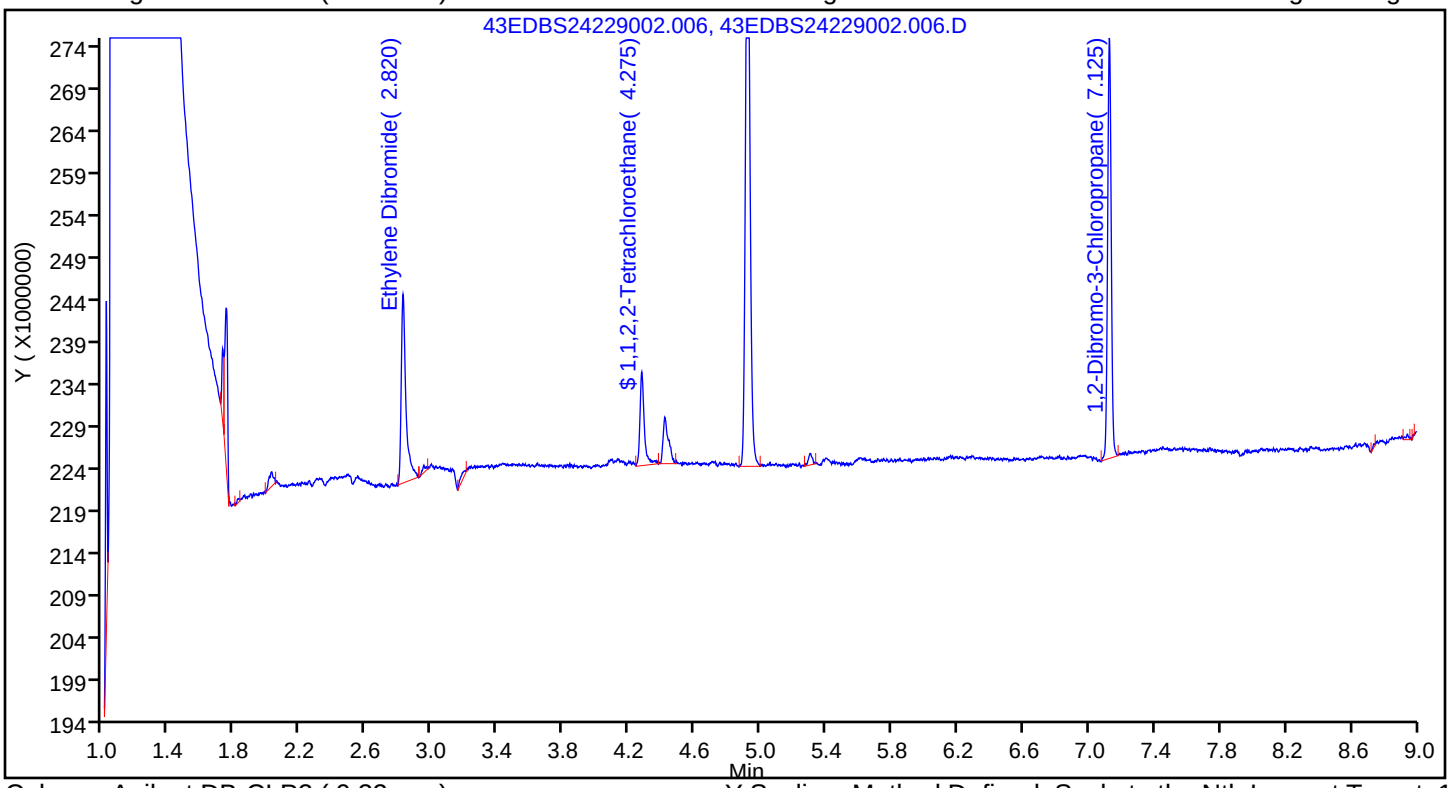
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 6

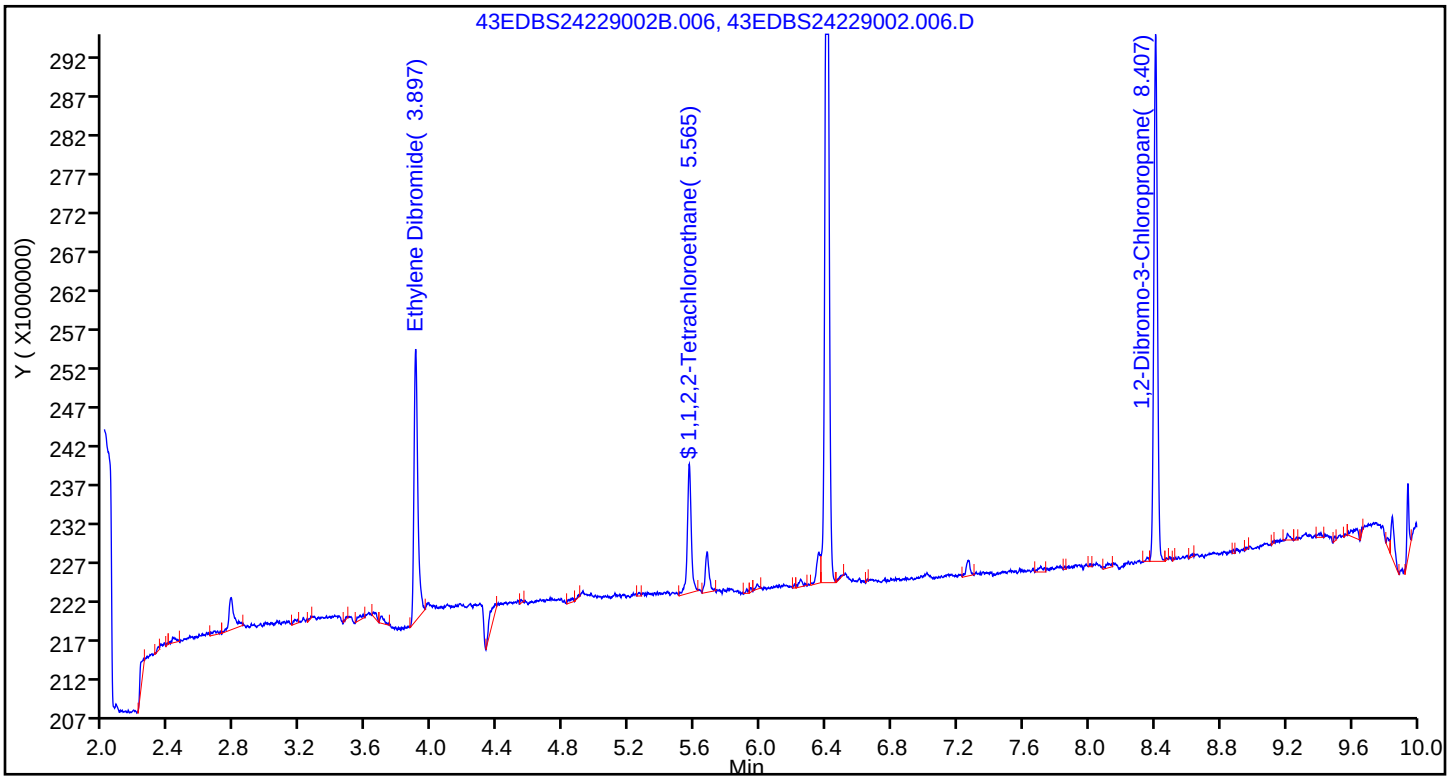
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846S Limit Group: GCSV - 8011 Solid

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-309671-1

SDG No.:

Client Sample ID:
Lab Sample ID: LCS 410-542917/2-A

Matrix: Solid
Lab File ID: 43EDBS24229002.006.D

Analysis Method: 8011
Date Collected:

Extraction Method: 8011
Date Extracted: 08/21/2024 11:19

Sample wt/vol: 10(g)
Date Analyzed: 08/22/2024 09:48

Con. Extract Vol.: 10(mL)
Dilution Factor: 1

Injection Volume: 1(uL)
GC Column: DB CLP2 ID: 0.32(mm)

% Moisture: % Solids:
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 543309
Units: mg/Kg

Preparation Batch No.: 542917
Instrument ID: Agilent GC/ECD - CP43

CAS NO.	SURROGATE	%REC	Q	LIMITS
79-34-5	1,1,2,2-Tetrachloroethane (Surr)	109		60-140

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240822-122934.b\43EDBS24229002.006.D
Lims ID: LCS 410-542917/2-A
Client ID:
Sample Type: LCS
Inject. Date: 22-Aug-2024 09:48:00 ALS Bottle#: 0 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: LCS 410-542917/2-A
Operator ID: Instrument ID: 19846

Method: \\chromfs\Lancaster\ChromData\19846\20240822-122934.b\8011_19846S.m
Limit Group: GCSV - 8011 Solid
Last Update: 23-Aug-2024 07:14:56 Calib Date: 16-Aug-2024 12:55:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240816-122419.b\43EDBS24229001.009.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1628

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	2.820	2.822	-0.002	22255352H	2.59	2.46	
2	3.897	3.897	0.000	34898885H	2.59	2.39	
						RPD = 3.21	
$ 2 1,1,2,2-Tetrachloroethane							
1	4.275	4.275	0.000	10954140H	1.23	1.40	
2	5.565	5.563	0.002	16510123H	1.23	1.34	
						RPD = 4.02	
3 1,2-Dibromo-3-Chloropropane							
1	7.125	7.125	0.000	49383084H	2.58	3.09	
2	8.407	8.407	0.000	67620344H	2.58	3.05	
						RPD = 1.42	

Report Date: 23-Aug-2024 07:14:58 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240822-122934.b\43EDBS24229002.006.D

Injection Date: 22-Aug-2024 09:48:00 Instrument ID: 19846

Lims ID: LCS 410-542917/2-A

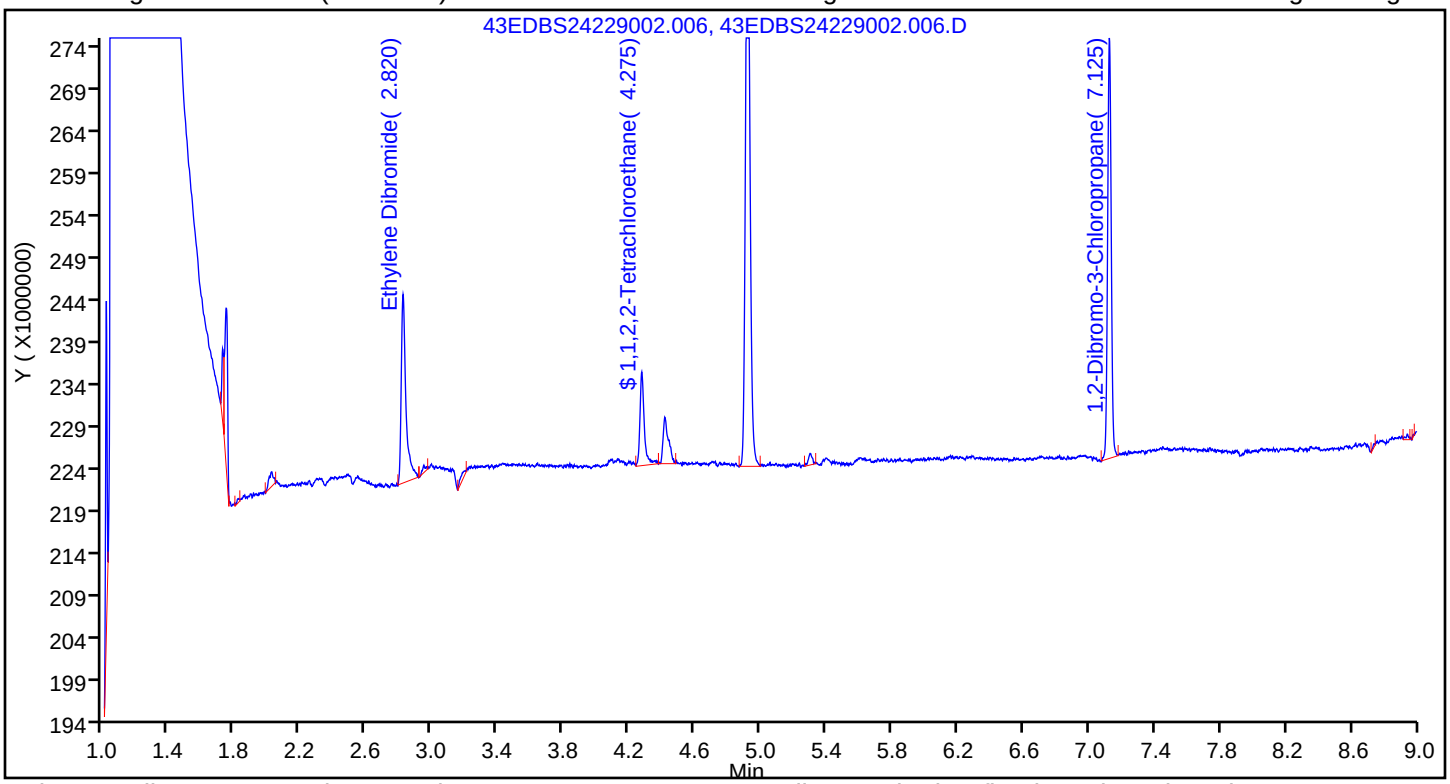
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 6

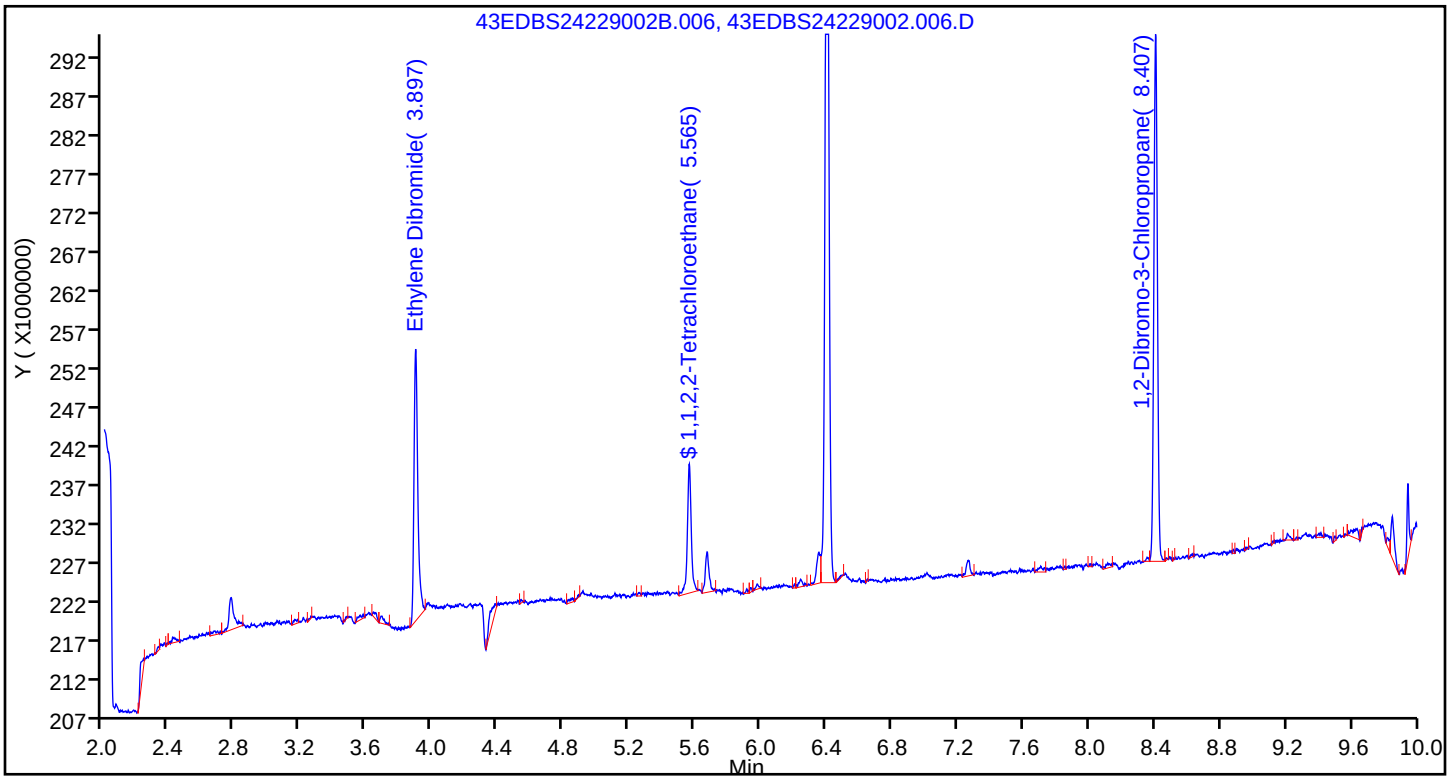
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846S Limit Group: GCSV - 8011 Solid

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-309671-1

SDG No.:

Client Sample ID:
Lab Sample ID: LCS 410-543677/2-A

Matrix: Water
Lab File ID: 16EDBW24206016.006.D

Analysis Method: 8011
Date Collected:

Extraction Method: 8011
Date Extracted: 08/22/2024 23:46

Sample wt/vol: 35(mL)
Date Analyzed: 08/23/2024 09:25

Con. Extract Vol.: 2(mL)
Dilution Factor: 1

Injection Volume: 1(uL)
GC Column: DB CLP1 ID: 0.32(mm)

% Moisture: % Solids:
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 543779
Units: ug/L

Preparation Batch No.: 543677
Instrument ID: Agilent GC/ECD - CP16

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	0.101		0.030	0.010

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19853\20240823-123056.b\16EDBW24206016.006.D
Lims ID: LCS 410-543677/2-A
Client ID:
Sample Type: LCS
Inject. Date: 23-Aug-2024 09:25:00 ALS Bottle#: 0 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: LCS 410-543677/2-A
Misc. Info.: 410-0121628-006
Operator ID: 120 Instrument ID: 19853

Method: \\chromfs\Lancaster\ChromData\19853\20240823-123056.b\8011_19853.m
Limit Group: GCSV - 8011 Waters
Last Update: 23-Aug-2024 13:43:03 Calib Date: 24-Jul-2024 14:54:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19853\20240724-120238.b\16EDBW24206001.008.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1628

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	4.108	4.112	-0.004	47534454H	2.26	1.77	
2	4.882	4.883	-0.001	47918794H	2.26	1.99	
						RPD = 11.94	
$ 2 1,1,2,2-Tetrachloroethane							
1	5.617	5.618	-0.001	31396956H	1.23	1.00	
2	6.567	6.568	-0.001	29450473H	1.23	1.17	
						RPD = 15.53	
3 1,2-Dibromo-3-Chloropropane							
1	8.547	8.548	-0.001	155489679H	2.26	2.16	
2	9.260	9.258	0.002	158000889H	2.26	2.44	
						RPD = 12.59	

Report Date: 23-Aug-2024 13:43:06 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19853\20240823-123056.b\16EDBW24206016.006.D

Injection Date: 23-Aug-2024 09:25:00 Instrument ID: 19853

Lims ID: LCS 410-543677/2-A

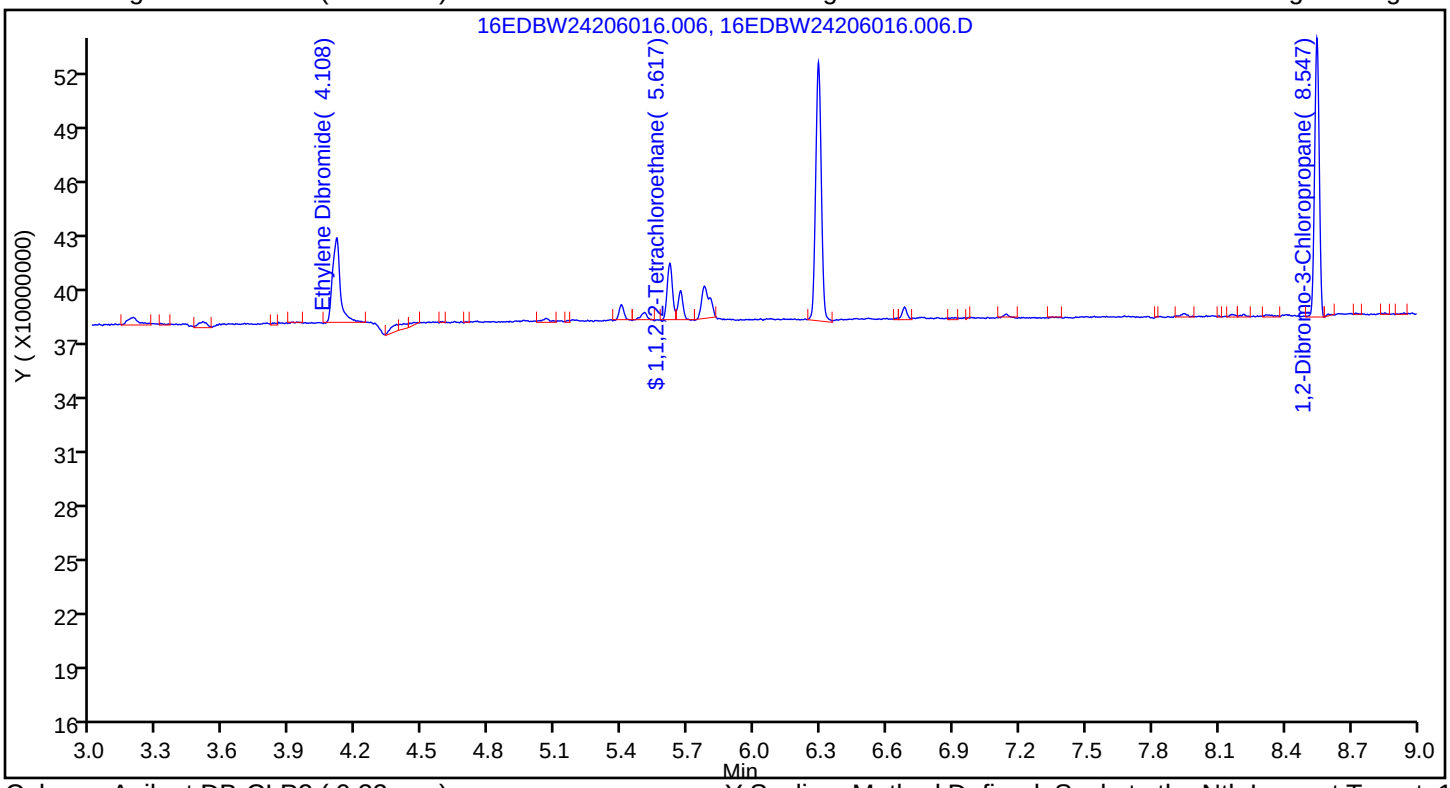
Client ID:

Operator ID: 120 ALS Bottle#: 0 Worklist Smp#: 6

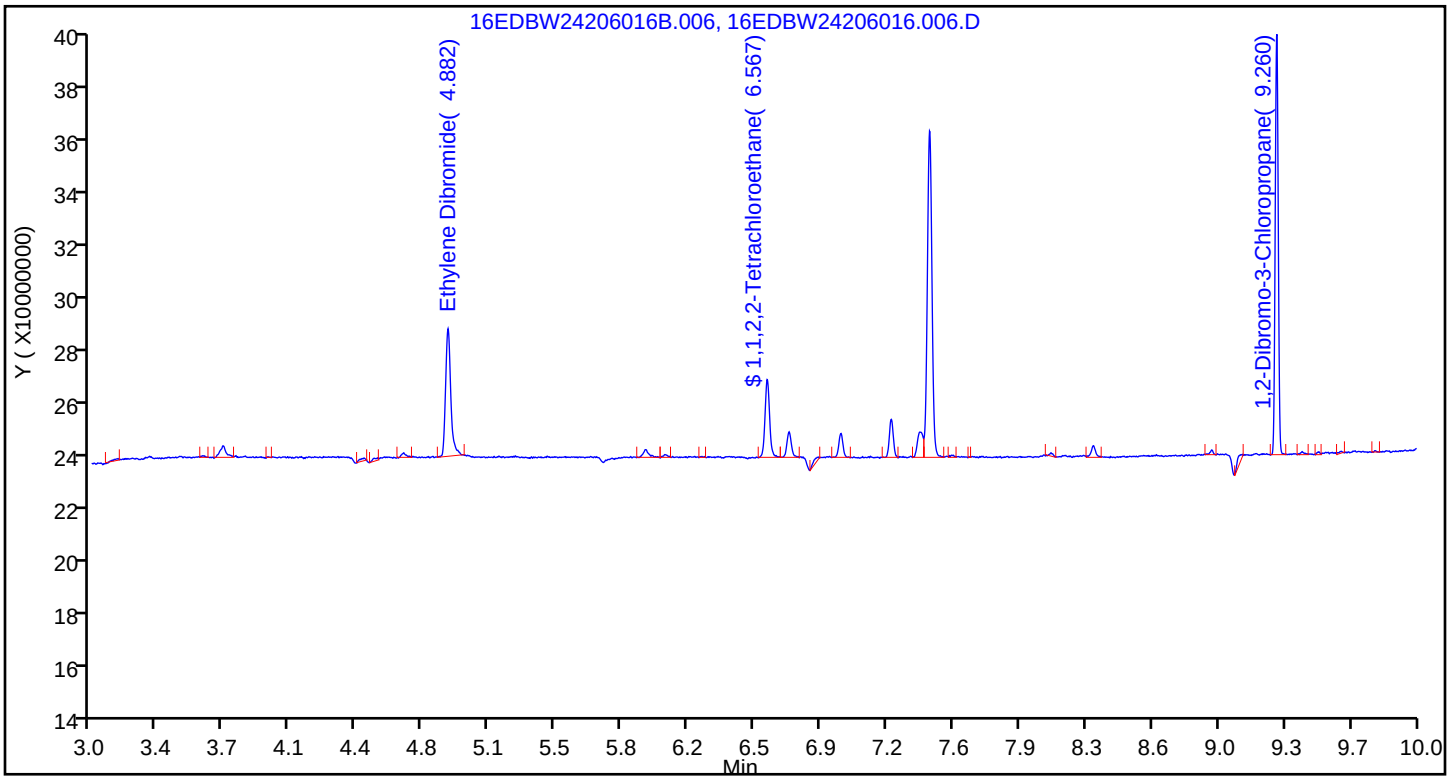
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19853 Limit Group: GCSV - 8011 Waters

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-309671-1

SDG No.:

Client Sample ID:
Lab Sample ID: LCS 410-543677/2-A

Matrix: Water
Lab File ID: 16EDBW24206016.006.D

Analysis Method: 8011
Date Collected:

Extraction Method: 8011
Date Extracted: 08/22/2024 23:46

Sample wt/vol: 35(mL)
Date Analyzed: 08/23/2024 09:25

Con. Extract Vol.: 2(mL)
Dilution Factor: 1

Injection Volume: 1(uL)
GC Column: DB CLP2 ID: 0.32(mm)

% Moisture: % Solids:
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 543779
Units: ug/L

Preparation Batch No.: 543677
Instrument ID: Agilent GC/ECD - CP16

CAS NO.	SURROGATE	%REC	Q	LIMITS
79-34-5	1,1,2,2-Tetrachloroethane (Surr)	95		46-136

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19853\20240823-123056.b\16EDBW24206016.006.D
Lims ID: LCS 410-543677/2-A
Client ID:
Sample Type: LCS
Inject. Date: 23-Aug-2024 09:25:00 ALS Bottle#: 0 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: LCS 410-543677/2-A
Misc. Info.: 410-0121628-006
Operator ID: 120 Instrument ID: 19853

Method: \\chromfs\Lancaster\ChromData\19853\20240823-123056.b\8011_19853.m
Limit Group: GCSV - 8011 Waters
Last Update: 23-Aug-2024 13:43:03 Calib Date: 24-Jul-2024 14:54:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19853\20240724-120238.b\16EDBW24206001.008.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1628

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	4.108	4.112	-0.004	47534454H	2.26	1.77	
2	4.882	4.883	-0.001	47918794H	2.26	1.99	
						RPD = 11.94	
$ 2 1,1,2,2-Tetrachloroethane							
1	5.617	5.618	-0.001	31396956H	1.23	1.00	
2	6.567	6.568	-0.001	29450473H	1.23	1.17	
						RPD = 15.53	
3 1,2-Dibromo-3-Chloropropane							
1	8.547	8.548	-0.001	155489679H	2.26	2.16	
2	9.260	9.258	0.002	158000889H	2.26	2.44	
						RPD = 12.59	

Report Date: 23-Aug-2024 13:43:06 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19853\20240823-123056.b\16EDBW24206016.006.D

Injection Date: 23-Aug-2024 09:25:00 Instrument ID: 19853

Lims ID: LCS 410-543677/2-A

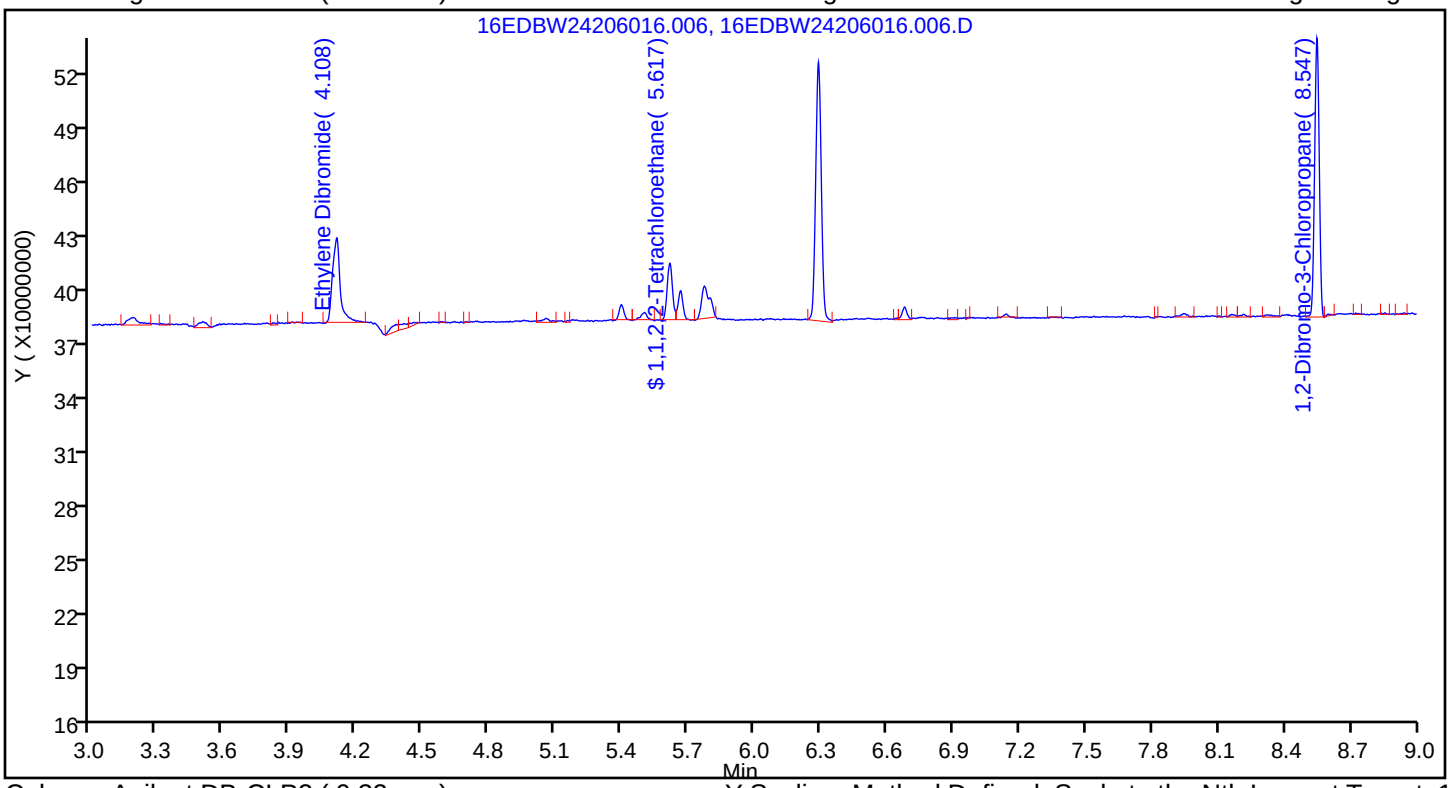
Client ID:

Operator ID: 120 ALS Bottle#: 0 Worklist Smp#: 6

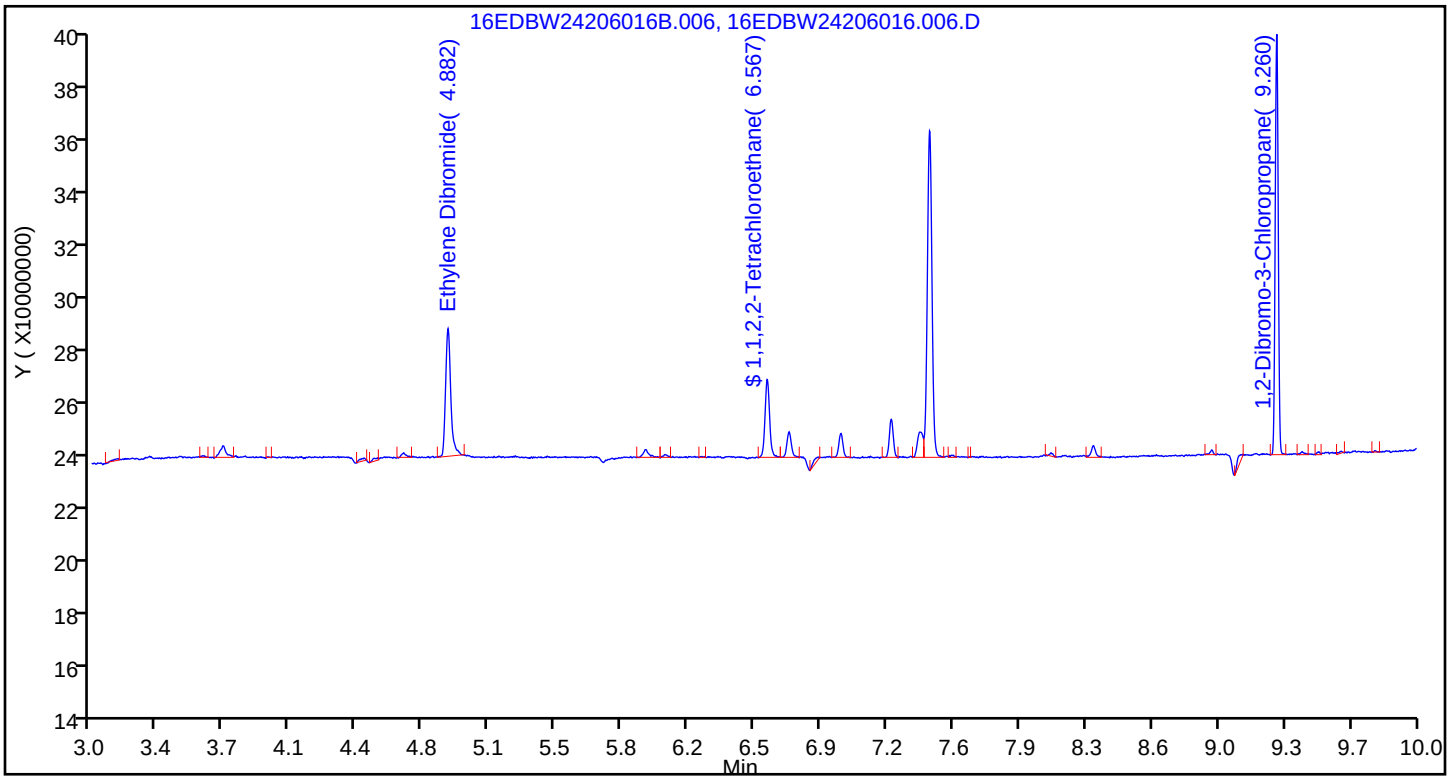
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19853 Limit Group: GCSV - 8011 Waters

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-309671-1

SDG No.:

Client Sample ID:
Lab Sample ID: LCS 410-547493/2-A

Matrix: Solid
Lab File ID: 43EDBS24229003.006.D

Analysis Method: 8011
Date Collected:

Extraction Method: 8011
Date Extracted: 09/04/2024 08:45

Sample wt/vol: 10(g)
Date Analyzed: 09/06/2024 14:35

Con. Extract Vol.: 10(mL)
Dilution Factor: 1

Injection Volume: 1(uL)
GC Column: DB CLP1 ID: 0.32(mm)

% Moisture: % Solids:
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 548652
Units: mg/Kg

Preparation Batch No.: 547493
Instrument ID: Agilent GC/ECD - CP43

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	0.00200		0.00050	0.00021

CAS NO.	SURROGATE	%REC	Q	LIMITS
79-34-5	1,1,2,2-Tetrachloroethane (Surr)	108		60-140

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240906-124269.b\43EDBS24229003.006.D
Lims ID: LCS 410-547493/2-A
Client ID:
Sample Type: LCS
Inject. Date: 06-Sep-2024 14:35:00 ALS Bottle#: 0 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: LCS 410-547493/2-A
Operator ID: Instrument ID: 19846

Method: \\chromfs\Lancaster\ChromData\19846\20240906-124269.b\8011_19846S.m
Limit Group: GCSV - 8011 Solid
Last Update: 09-Sep-2024 08:27:05 Calib Date: 16-Aug-2024 12:55:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240816-122419.b\43EDBS24229001.009.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1644

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	2.818	2.820	-0.002	18768012H	2.59	2.00	
2	3.897	3.895	0.002	31110330H	2.59	2.07	
						RPD = 3.34	
$ 2 1,1,2,2-Tetrachloroethane							
1	4.275	4.275	0.000	10512459H	1.23	1.33	
2	5.565	5.563	0.002	15994004H	1.23	1.30	
						RPD = 2.92	
3 1,2-Dibromo-3-Chloropropane							
1	7.125	7.123	0.002	46117975H	2.58	2.87	
2	8.407	8.407	0.000	64013570H	2.58	2.87	
						RPD = 0.10	

Report Date: 09-Sep-2024 08:27:08 Chrom Revision: 2.3 26-Aug-2024 17:14:48

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240906-124269.b\43EDBS24229003.006.D

Injection Date: 06-Sep-2024 14:35:00 Instrument ID: 19846

Lims ID: LCS 410-547493/2-A

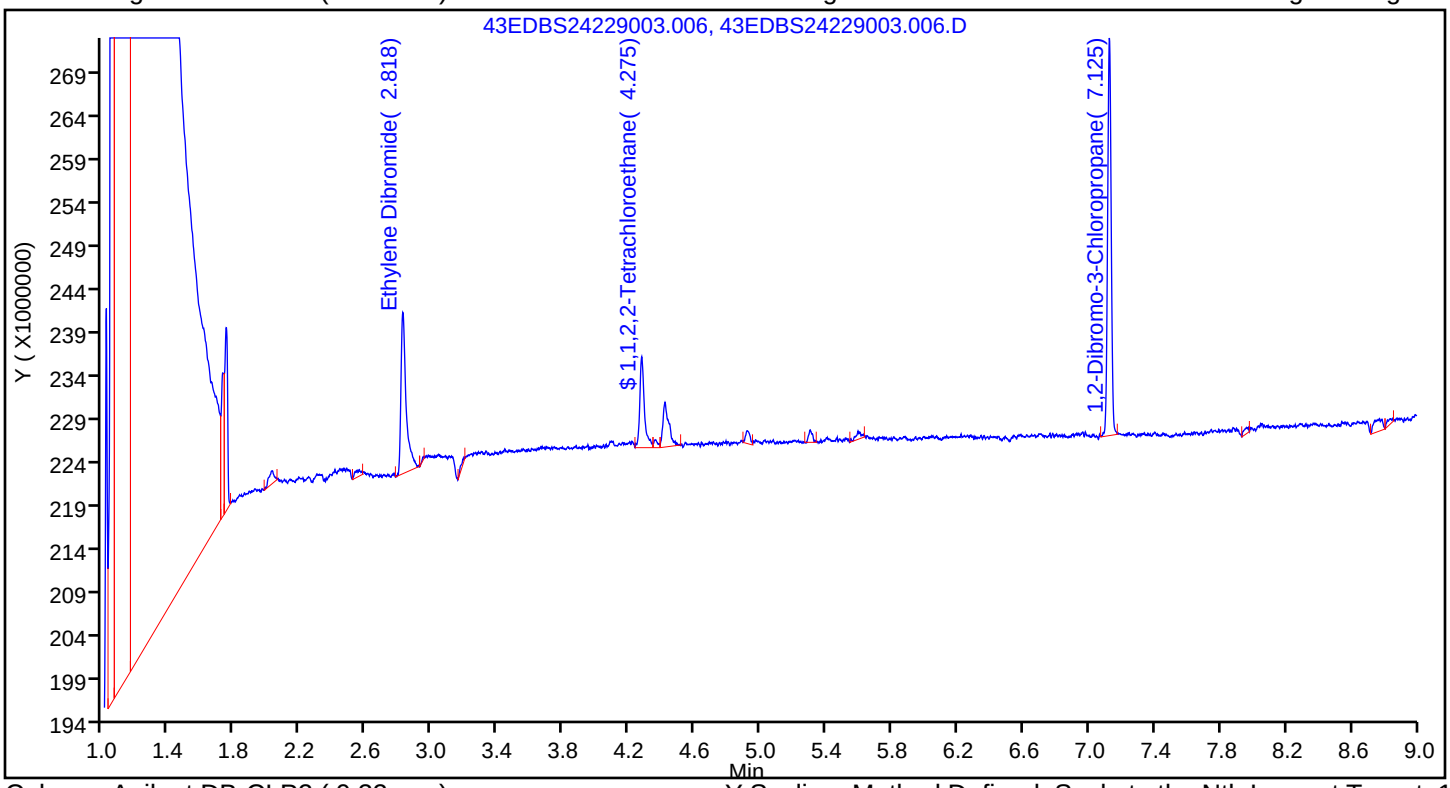
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 6

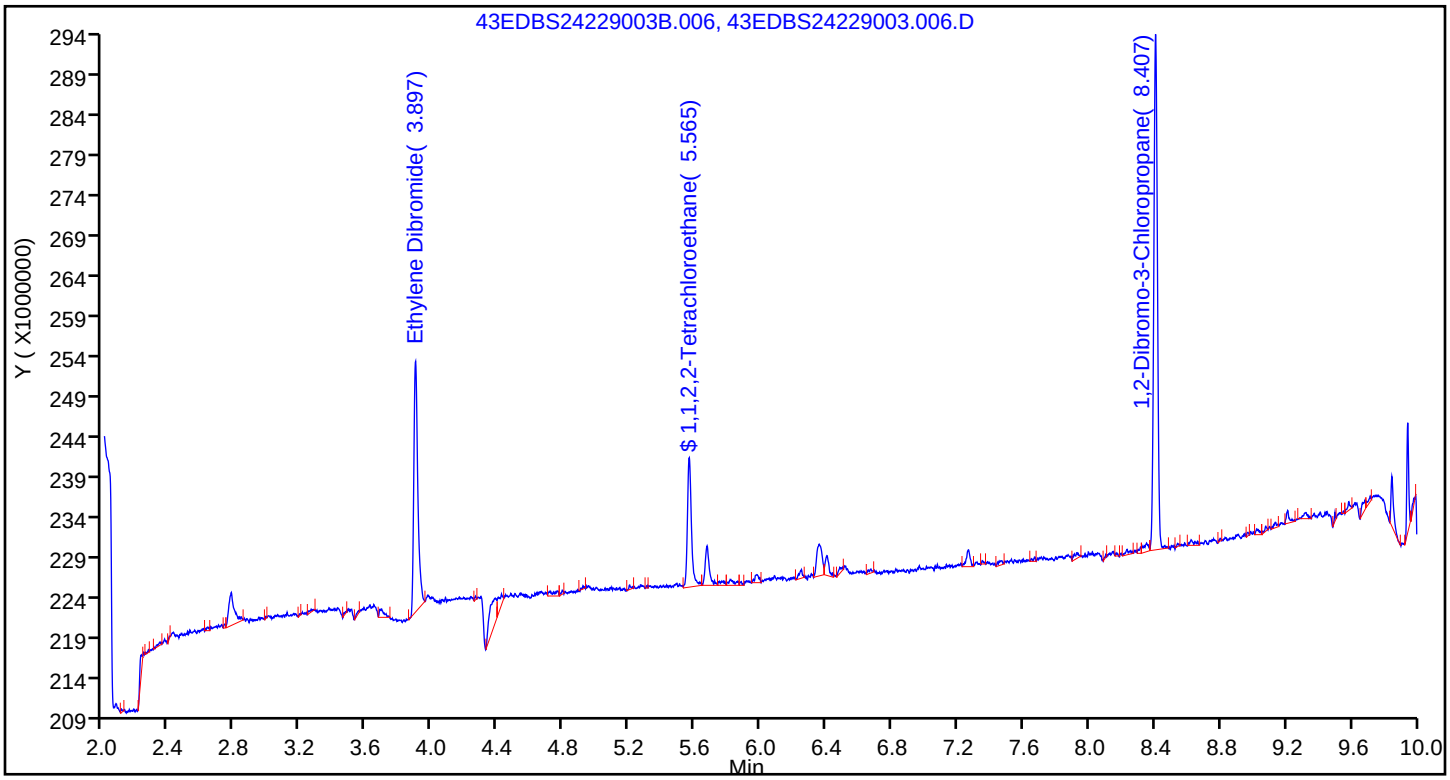
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846S Limit Group: GCSV - 8011 Solid

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-309671-1

SDG No.:

Client Sample ID:
Lab Sample ID: LCS 410-547493/2-A

Matrix: Solid
Lab File ID: 43EDBS24229003.006.D

Analysis Method: 8011
Date Collected:

Extraction Method: 8011
Date Extracted: 09/04/2024 08:45

Sample wt/vol: 10(g)
Date Analyzed: 09/06/2024 14:35

Con. Extract Vol.: 10(mL)
Dilution Factor: 1

Injection Volume: 1(uL)
GC Column: DB CLP2 ID: 0.32(mm)

% Moisture: % Solids:
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 548652
Units: mg/Kg

Preparation Batch No.: 547493
Instrument ID: Agilent GC/ECD - CP43

CAS NO.	SURROGATE	%REC	Q	LIMITS
79-34-5	1,1,2,2-Tetrachloroethane (Surr)	105		60-140

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240906-124269.b\43EDBS24229003.006.D
Lims ID: LCS 410-547493/2-A
Client ID:
Sample Type: LCS
Inject. Date: 06-Sep-2024 14:35:00 ALS Bottle#: 0 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: LCS 410-547493/2-A
Operator ID: Instrument ID: 19846

Method: \\chromfs\Lancaster\ChromData\19846\20240906-124269.b\8011_19846S.m
Limit Group: GCSV - 8011 Solid
Last Update: 09-Sep-2024 08:27:05 Calib Date: 16-Aug-2024 12:55:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240816-122419.b\43EDBS24229001.009.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1644

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	2.818	2.820	-0.002	18768012H	2.59	2.00	
2	3.897	3.895	0.002	31110330H	2.59	2.07	
						RPD = 3.34	
$ 2 1,1,2,2-Tetrachloroethane							
1	4.275	4.275	0.000	10512459H	1.23	1.33	
2	5.565	5.563	0.002	15994004H	1.23	1.30	
						RPD = 2.92	
3 1,2-Dibromo-3-Chloropropane							
1	7.125	7.123	0.002	46117975H	2.58	2.87	
2	8.407	8.407	0.000	64013570H	2.58	2.87	
						RPD = 0.10	

Report Date: 09-Sep-2024 08:27:08 Chrom Revision: 2.3 26-Aug-2024 17:14:48

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240906-124269.b\43EDBS24229003.006.D

Injection Date: 06-Sep-2024 14:35:00 Instrument ID: 19846

Lims ID: LCS 410-547493/2-A

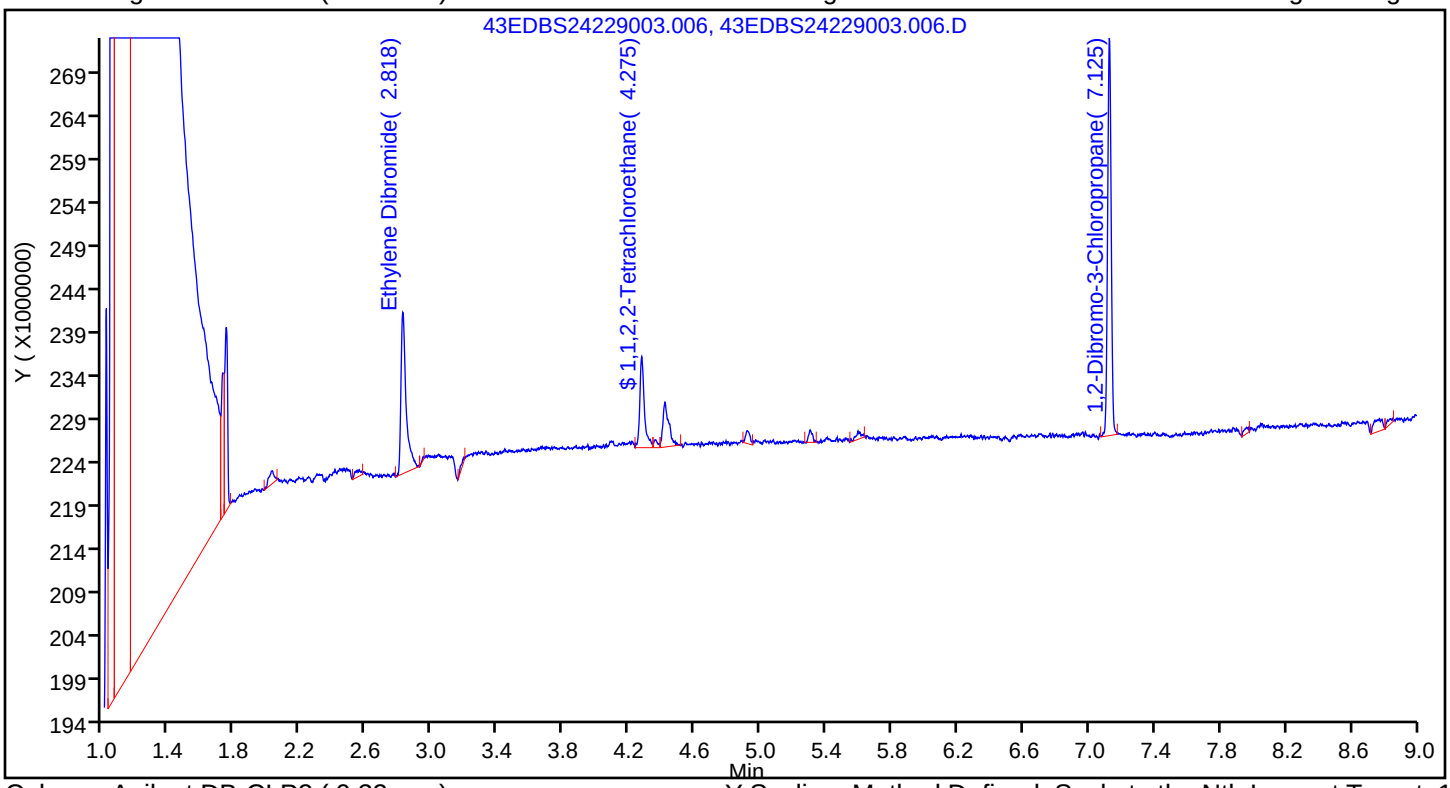
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 6

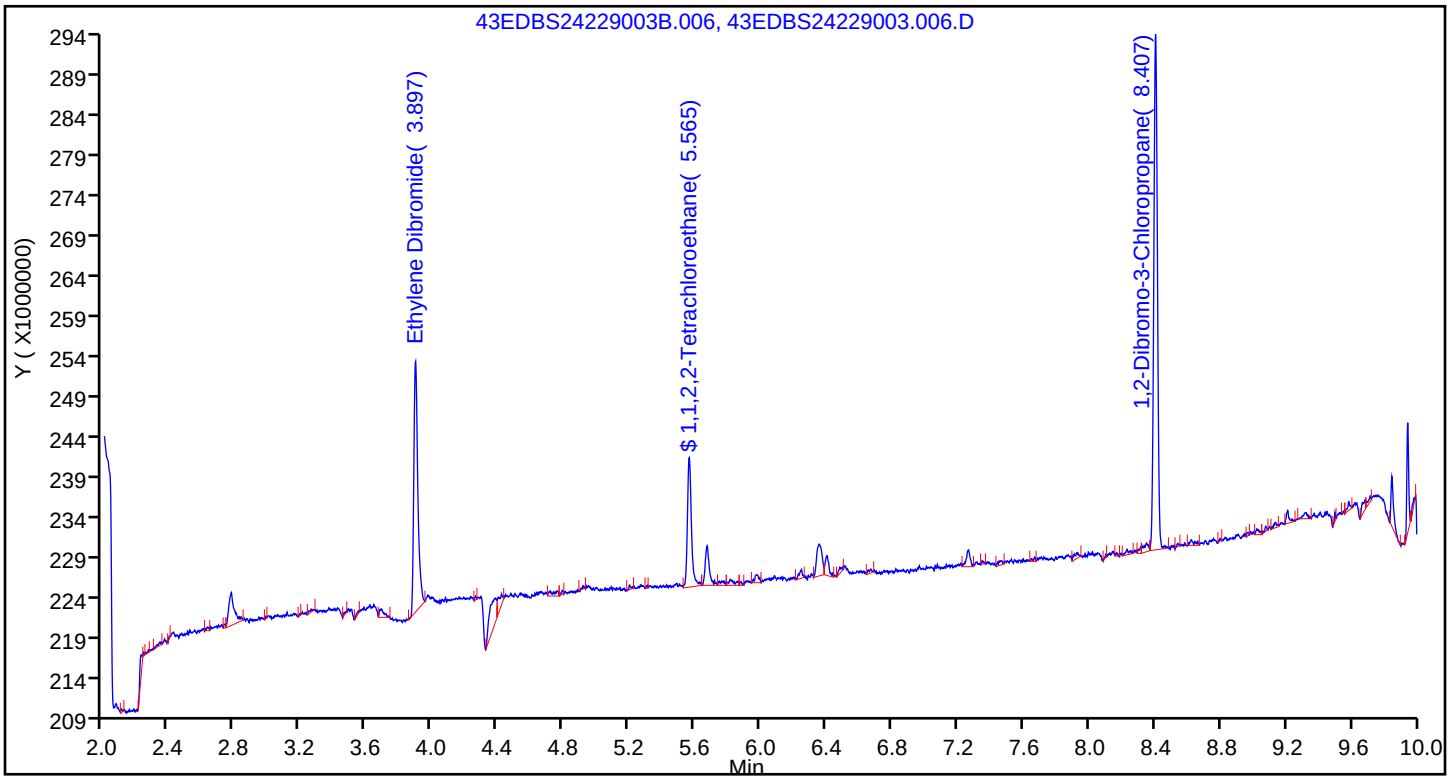
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846S Limit Group: GCSV - 8011 Solid

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-309671-1

SDG No.:

Client Sample ID:
Lab Sample ID: LCSD 410-542917/3-A

Matrix: Solid
Lab File ID: 43EDBS24229002.007.D

Analysis Method: 8011
Date Collected:

Extraction Method: 8011
Date Extracted: 08/21/2024 11:19

Sample wt/vol: 10(g)
Date Analyzed: 08/22/2024 10:06

Con. Extract Vol.: 10(mL)
Dilution Factor: 1

Injection Volume: 1(uL)
GC Column: DB CLP1 ID: 0.32(mm)

% Moisture: % Solids:
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 543309
Units: mg/Kg

Preparation Batch No.: 542917
Instrument ID: Agilent GC/ECD - CP43

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	0.00248		0.00050	0.00021

CAS NO.	SURROGATE	%REC	Q	LIMITS
79-34-5	1,1,2,2-Tetrachloroethane (Surr)	108		60-140

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240822-122934.b\43EDBS24229002.007.D
Lims ID: LCSD 410-542917/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 22-Aug-2024 10:06:00 ALS Bottle#: 0 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: LCSD 410-542917/3-A
Operator ID: Instrument ID: 19846

Method: \\chromfs\Lancaster\ChromData\19846\20240822-122934.b\8011_19846S.m
Limit Group: GCSV - 8011 Solid
Last Update: 23-Aug-2024 07:14:56 Calib Date: 16-Aug-2024 12:55:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240816-122419.b\43EDBS24229001.009.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1628

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	2.820	2.822	-0.002	22407913H	2.59	2.48	
2	3.897	3.897	0.000	34704800H	2.59	2.37	
						RPD = 4.76	
$ 2 1,1,2,2-Tetrachloroethane							
1	4.275	4.275	0.000	10519266H	1.23	1.33	
2	5.563	5.563	0.000	15752243H	1.23	1.27	
						RPD = 4.65	
3 1,2-Dibromo-3-Chloropropane							
1	7.127	7.125	0.002	49865742H	2.58	3.13	
2	8.407	8.407	0.000	65309155H	2.58	2.94	
						RPD = 6.34	

Report Date: 23-Aug-2024 07:14:59 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240822-122934.b\43EDBS24229002.007.D

Injection Date: 22-Aug-2024 10:06:00 Instrument ID: 19846

Lims ID: LCSD 410-542917/3-A

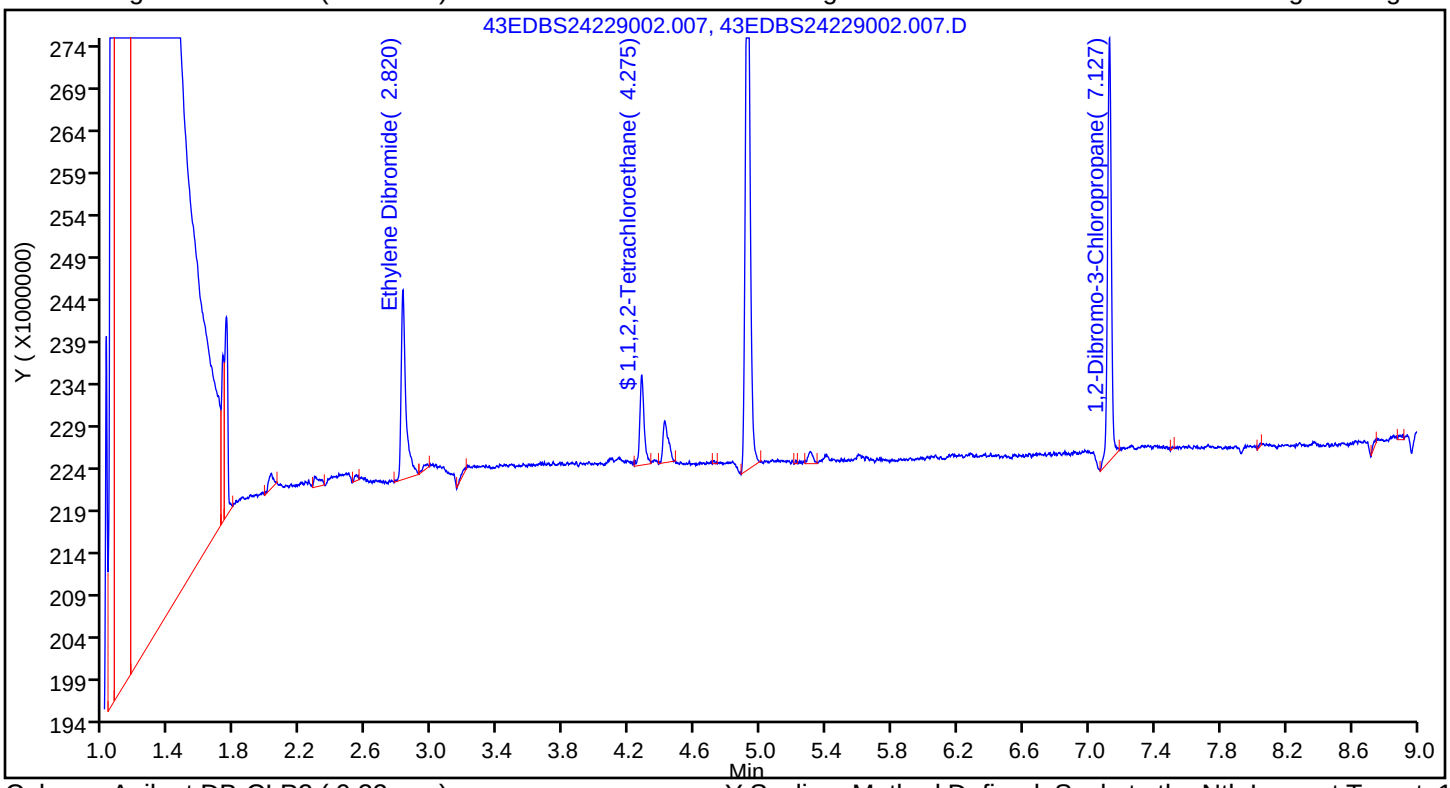
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 7

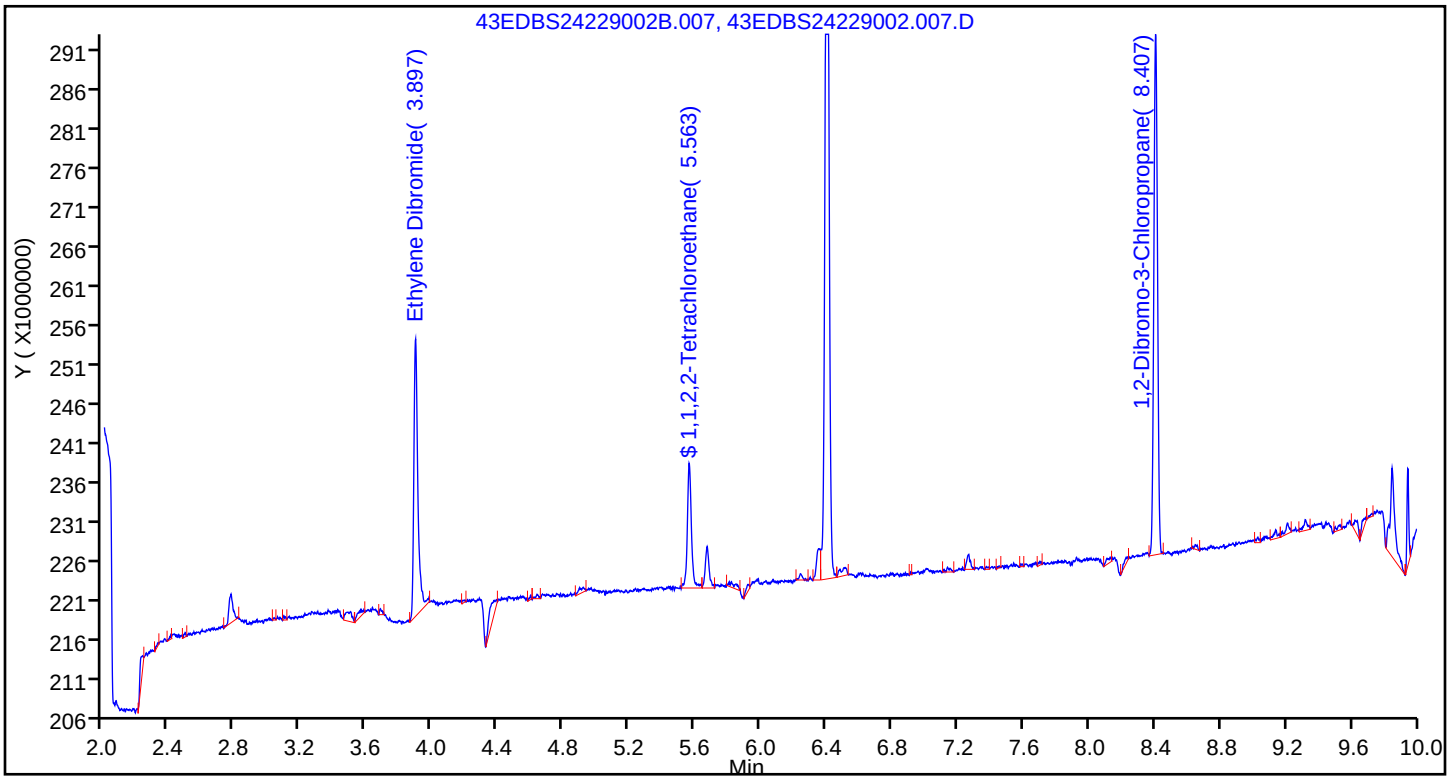
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846S Limit Group: GCSV - 8011 Solid

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-309671-1

SDG No.:

Client Sample ID:
Lab Sample ID: LCSD 410-542917/3-A

Matrix: Solid
Lab File ID: 43EDBS24229002.007.D

Analysis Method: 8011
Date Collected:

Extraction Method: 8011
Date Extracted: 08/21/2024 11:19

Sample wt/vol: 10(g)
Date Analyzed: 08/22/2024 10:06

Con. Extract Vol.: 10(mL)
Dilution Factor: 1

Injection Volume: 1(uL)
GC Column: DB CLP2 ID: 0.32(mm)

% Moisture: % Solids:
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 543309
Units: mg/Kg

Preparation Batch No.: 542917
Instrument ID: Agilent GC/ECD - CP43

CAS NO.	SURROGATE	%REC	Q	LIMITS
79-34-5	1,1,2,2-Tetrachloroethane (Surr)	103		60-140

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240822-122934.b\43EDBS24229002.007.D
Lims ID: LCSD 410-542917/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 22-Aug-2024 10:06:00 ALS Bottle#: 0 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: LCSD 410-542917/3-A
Operator ID: Instrument ID: 19846

Method: \\chromfs\Lancaster\ChromData\19846\20240822-122934.b\8011_19846S.m
Limit Group: GCSV - 8011 Solid
Last Update: 23-Aug-2024 07:14:56 Calib Date: 16-Aug-2024 12:55:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240816-122419.b\43EDBS24229001.009.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1628

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	2.820	2.822	-0.002	22407913H	2.59	2.48	
2	3.897	3.897	0.000	34704800H	2.59	2.37	
						RPD = 4.76	
$ 2 1,1,2,2-Tetrachloroethane							
1	4.275	4.275	0.000	10519266H	1.23	1.33	
2	5.563	5.563	0.000	15752243H	1.23	1.27	
						RPD = 4.65	
3 1,2-Dibromo-3-Chloropropane							
1	7.127	7.125	0.002	49865742H	2.58	3.13	
2	8.407	8.407	0.000	65309155H	2.58	2.94	
						RPD = 6.34	

Report Date: 23-Aug-2024 07:14:59 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240822-122934.b\43EDBS24229002.007.D

Injection Date: 22-Aug-2024 10:06:00 Instrument ID: 19846

Lims ID: LCSD 410-542917/3-A

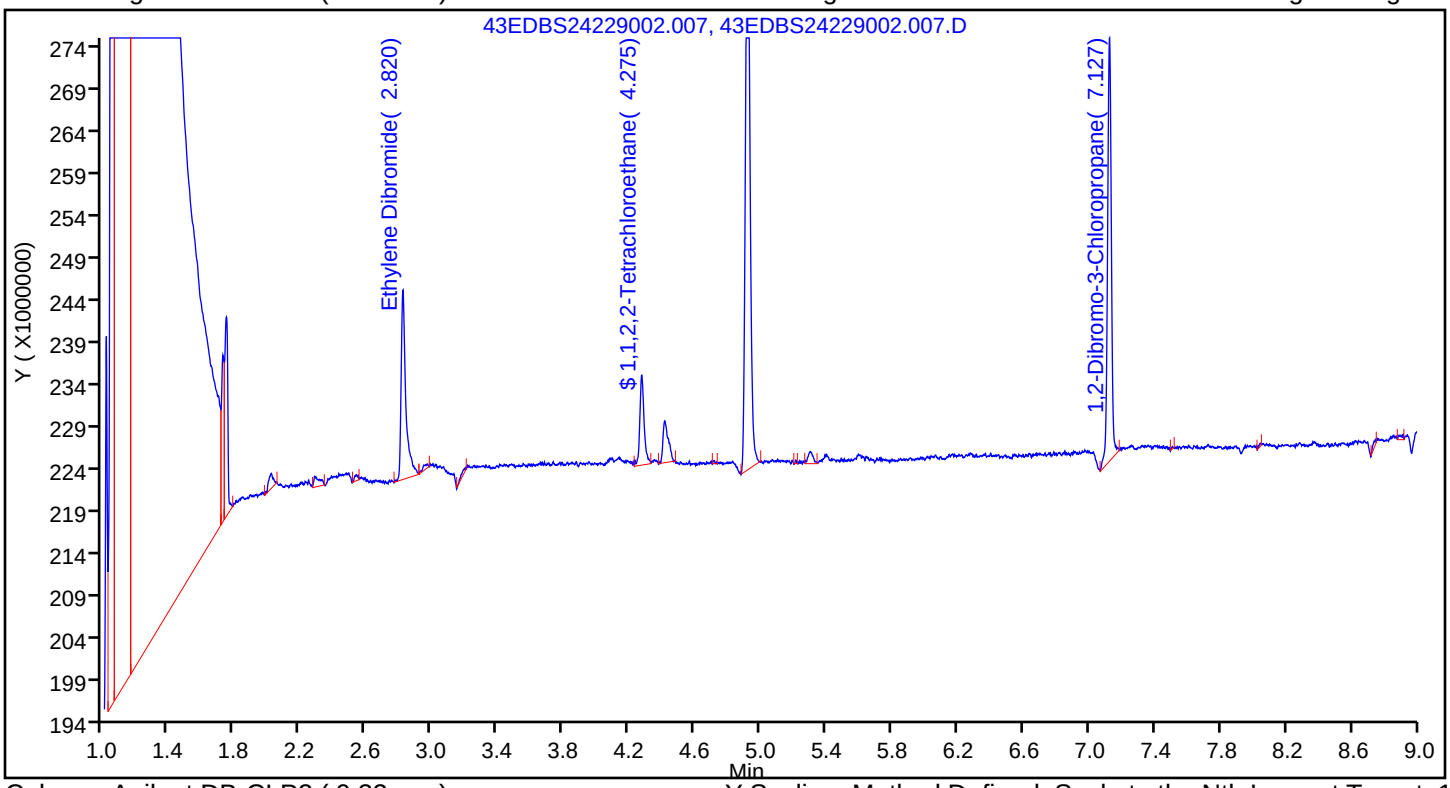
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 7

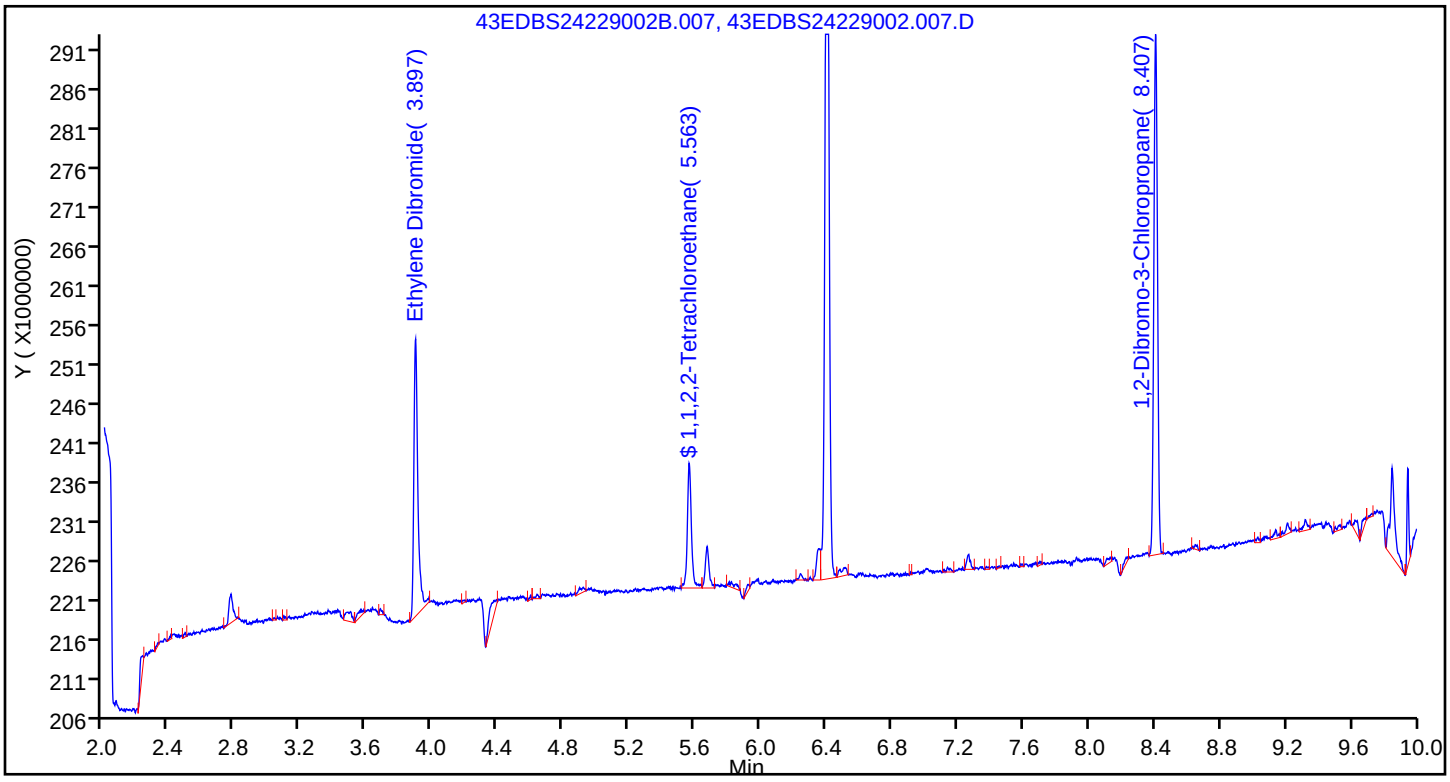
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846S Limit Group: GCSV - 8011 Solid

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-309671-1

SDG No.:

Client Sample ID:
Lab Sample ID: LCSD 410-543677/3-A

Matrix: Water
Lab File ID: 16EDBW24206016.007.D

Analysis Method: 8011
Date Collected:

Extraction Method: 8011
Date Extracted: 08/22/2024 23:46

Sample wt/vol: 35(mL)
Date Analyzed: 08/23/2024 09:42

Con. Extract Vol.: 2(mL)
Dilution Factor: 1

Injection Volume: 1(uL)
GC Column: DB CLP1 ID: 0.32(mm)

% Moisture: % Solids:
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 543779
Units: ug/L

Preparation Batch No.: 543677
Instrument ID: Agilent GC/ECD - CP16

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	0.108		0.030	0.010

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19853\20240823-123056.b\16EDBW24206016.007.D
Lims ID: LCSD 410-543677/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 23-Aug-2024 09:42:00 ALS Bottle#: 0 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: LCSD 410-543677/3-A
Misc. Info.: 410-0121628-007
Operator ID: 120 Instrument ID: 19853

Method: \\chromfs\Lancaster\ChromData\19853\20240823-123056.b\8011_19853.m
Limit Group: GCSV - 8011 Waters
Last Update: 23-Aug-2024 13:43:03 Calib Date: 24-Jul-2024 14:54:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19853\20240724-120238.b\16EDBW24206001.008.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1628

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	4.108	4.112	-0.004	50736092H	2.26	1.89	
2	4.882	4.883	-0.001	51551331H	2.26	2.14	
						RPD = 12.72	
$ 2 1,1,2,2-Tetrachloroethane							
1	5.617	5.618	-0.001	31780697H	1.23	1.01	
2	6.567	6.568	-0.001	28555900H	1.23	1.13	
						RPD = 11.25	
3 1,2-Dibromo-3-Chloropropane							
1	8.547	8.548	-0.001	165419108H	2.26	2.29	
2	9.258	9.258	0.000	163727644H	2.26	2.53	
						RPD = 9.97	

Report Date: 23-Aug-2024 13:43:07 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19853\20240823-123056.b\16EDBW24206016.007.D

Injection Date: 23-Aug-2024 09:42:00 Instrument ID: 19853

Lims ID: LCSD 410-543677/3-A

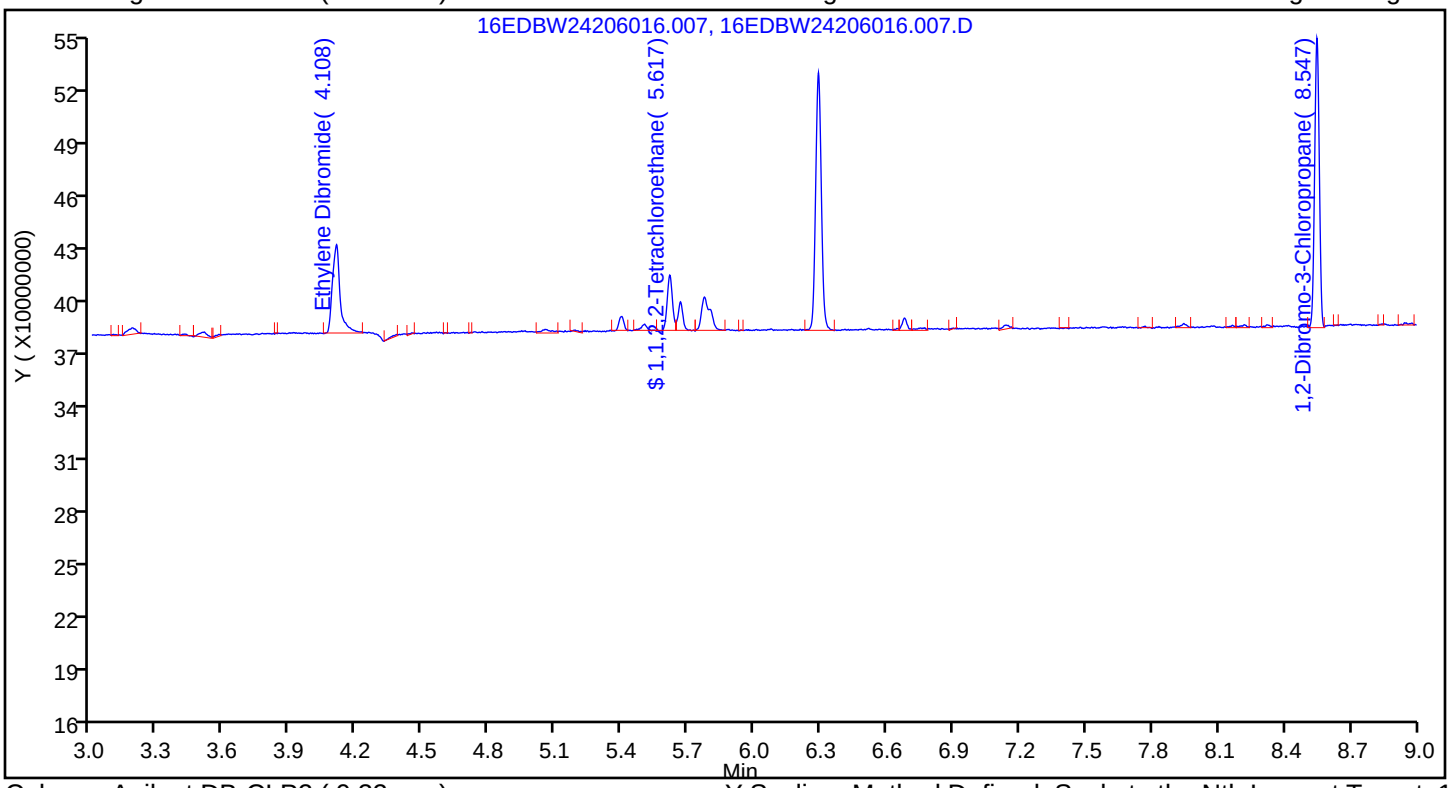
Client ID:

Operator ID: 120 ALS Bottle#: 0 Worklist Smp#: 7

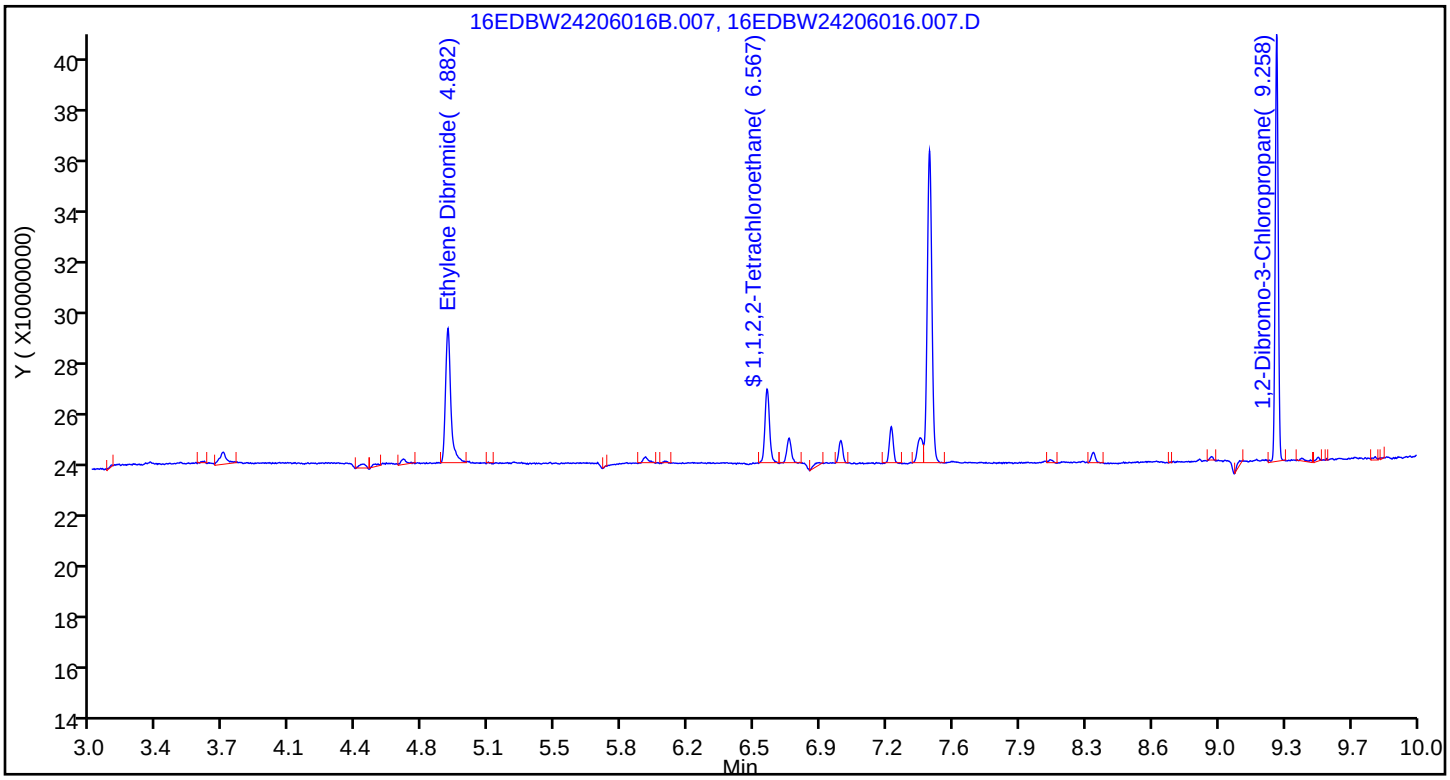
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19853 Limit Group: GCSV - 8011 Waters

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-309671-1

SDG No.:

Client Sample ID:
Lab Sample ID: LCSD 410-543677/3-A

Matrix: Water
Lab File ID: 16EDBW24206016.007.D

Analysis Method: 8011
Date Collected:

Extraction Method: 8011
Date Extracted: 08/22/2024 23:46

Sample wt/vol: 35(mL)
Date Analyzed: 08/23/2024 09:42

Con. Extract Vol.: 2(mL)
Dilution Factor: 1

Injection Volume: 1(uL)
GC Column: DB CLP2 ID: 0.32(mm)

% Moisture: % Solids:
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 543779
Units: ug/L

Preparation Batch No.: 543677
Instrument ID: Agilent GC/ECD - CP16

CAS NO.	SURROGATE	%REC	Q	LIMITS
79-34-5	1,1,2,2-Tetrachloroethane (Surr)	92		46-136

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19853\20240823-123056.b\16EDBW24206016.007.D
Lims ID: LCSD 410-543677/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 23-Aug-2024 09:42:00 ALS Bottle#: 0 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: LCSD 410-543677/3-A
Misc. Info.: 410-0121628-007
Operator ID: 120 Instrument ID: 19853

Method: \\chromfs\Lancaster\ChromData\19853\20240823-123056.b\8011_19853.m
Limit Group: GCSV - 8011 Waters
Last Update: 23-Aug-2024 13:43:03 Calib Date: 24-Jul-2024 14:54:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19853\20240724-120238.b\16EDBW24206001.008.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1628

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	4.108	4.112	-0.004	50736092H	2.26	1.89	
2	4.882	4.883	-0.001	51551331H	2.26	2.14	
						RPD = 12.72	
$ 2 1,1,2,2-Tetrachloroethane							
1	5.617	5.618	-0.001	31780697H	1.23	1.01	
2	6.567	6.568	-0.001	28555900H	1.23	1.13	
						RPD = 11.25	
3 1,2-Dibromo-3-Chloropropane							
1	8.547	8.548	-0.001	165419108H	2.26	2.29	
2	9.258	9.258	0.000	163727644H	2.26	2.53	
						RPD = 9.97	

Report Date: 23-Aug-2024 13:43:07 Chrom Revision: 2.3 20-Aug-2024 19:34:52

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19853\20240823-123056.b\16EDBW24206016.007.D

Injection Date: 23-Aug-2024 09:42:00 Instrument ID: 19853

Lims ID: LCSD 410-543677/3-A

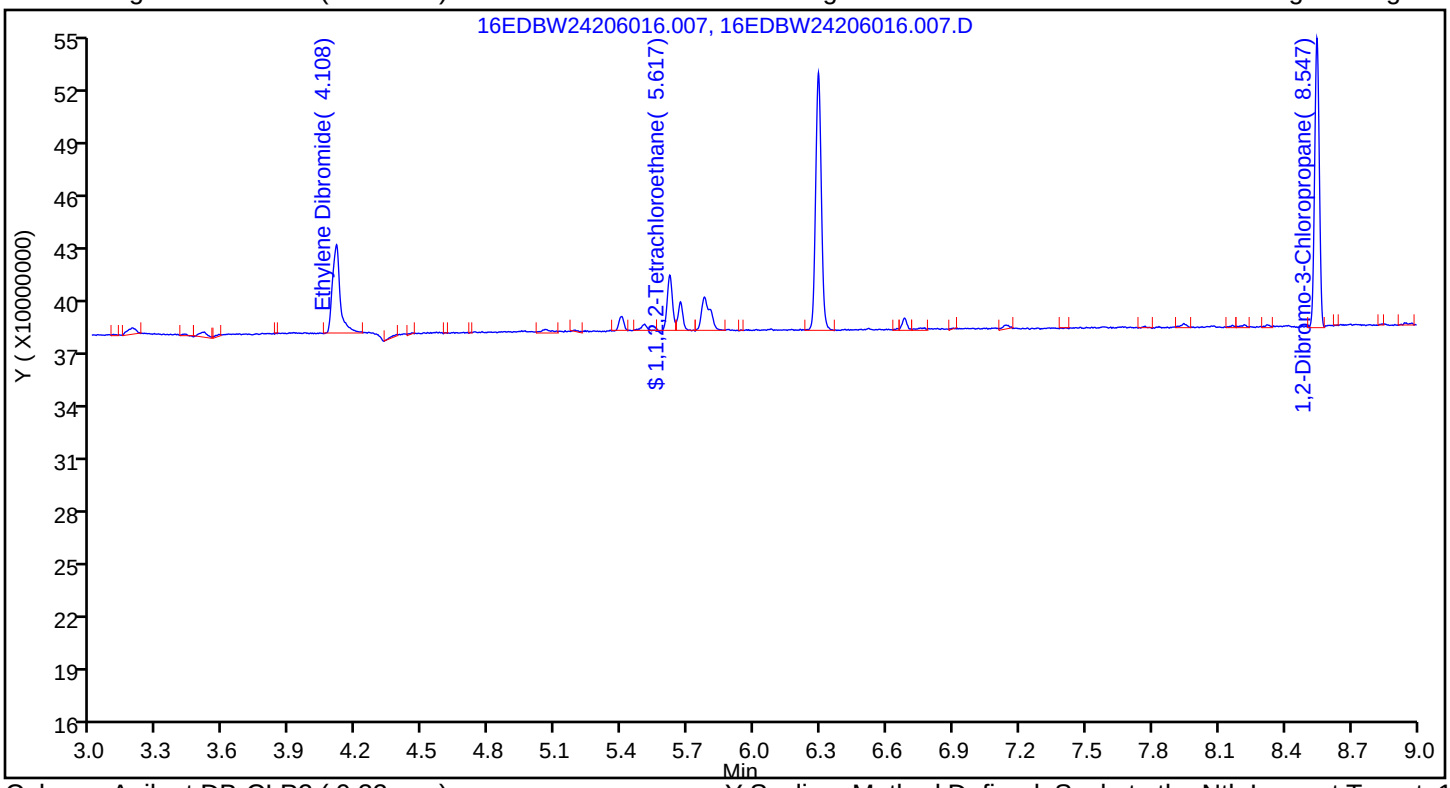
Client ID:

Operator ID: 120 ALS Bottle#: 0 Worklist Smp#: 7

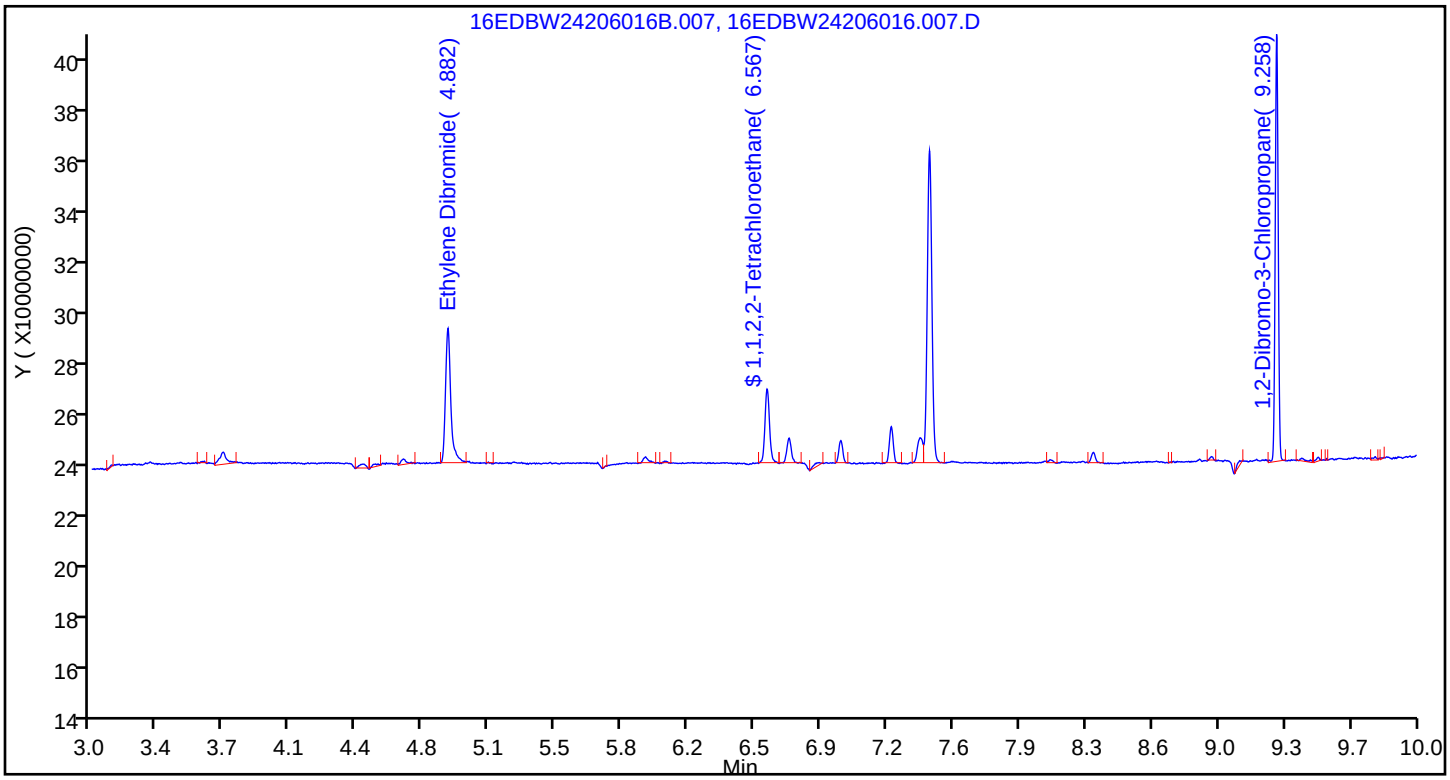
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19853 Limit Group: GCSV - 8011 Waters

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-309671-1

SDG No.:

Client Sample ID:
Lab Sample ID: LCSD 410-547493/3-A

Matrix: Solid
Lab File ID: 43EDBS24229003.007.D

Analysis Method: 8011
Date Collected:

Extraction Method: 8011
Date Extracted: 09/04/2024 08:45

Sample wt/vol: 10(g)
Date Analyzed: 09/06/2024 14:53

Con. Extract Vol.: 10(mL)
Dilution Factor: 1

Injection Volume: 1(uL)
GC Column: DB CLP1 ID: 0.32(mm)

% Moisture: % Solids:
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 548652
Units: mg/Kg

Preparation Batch No.: 547493
Instrument ID: Agilent GC/ECD - CP43

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	0.00182		0.00050	0.00021

CAS NO.	SURROGATE	%REC	Q	LIMITS
79-34-5	1,1,2,2-Tetrachloroethane (Surr)	97		60-140

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240906-124269.b\43EDBS24229003.007.D
Lims ID: LCSD 410-547493/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 06-Sep-2024 14:53:00 ALS Bottle#: 0 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: LCSD 410-547493/3-A
Operator ID: Instrument ID: 19846

Method: \\chromfs\Lancaster\ChromData\19846\20240906-124269.b\8011_19846S.m
Limit Group: GCSV - 8011 Solid
Last Update: 09-Sep-2024 08:27:05 Calib Date: 16-Aug-2024 12:55:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240816-122419.b\43EDBS24229001.009.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1644

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	2.818	2.820	-0.002	17328244H	2.59	1.82	
2	3.895	3.895	0.000	30014232H	2.59	1.98	
						RPD = 8.41	
$ 2 1,1,2,2-Tetrachloroethane							
1	4.275	4.275	0.000	9538366H	1.23	1.20	
2	5.565	5.563	0.002	15435535H	1.23	1.25	
						RPD = 4.08	
3 1,2-Dibromo-3-Chloropropane							
1	7.125	7.123	0.002	47478740H	2.58	2.96	
2	8.407	8.407	0.000	64478307H	2.58	2.89	
						RPD = 2.33	

Report Date: 09-Sep-2024 08:27:10 Chrom Revision: 2.3 26-Aug-2024 17:14:48

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240906-124269.b\43EDBS24229003.007.D

Injection Date: 06-Sep-2024 14:53:00 Instrument ID: 19846

Lims ID: LCSD 410-547493/3-A

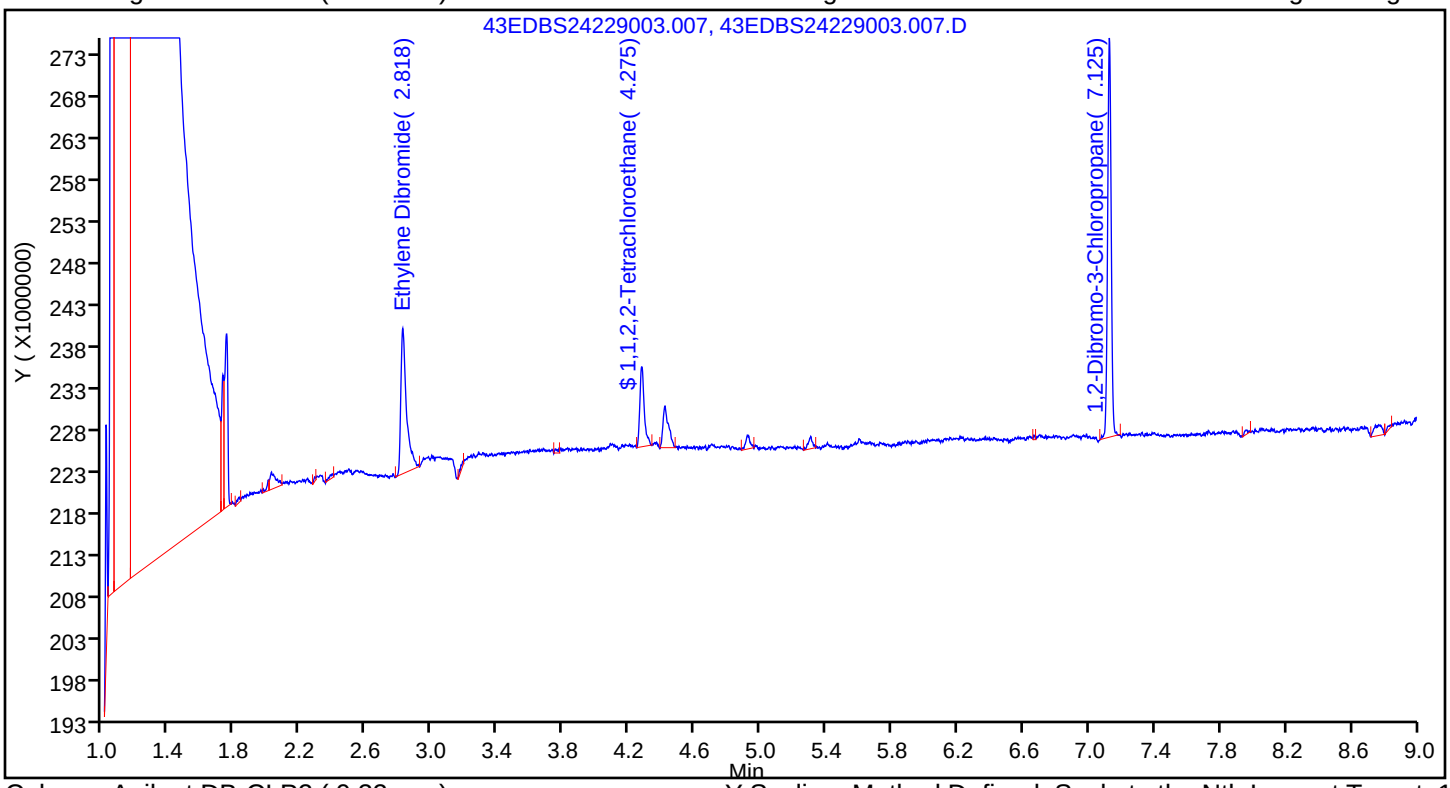
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 7

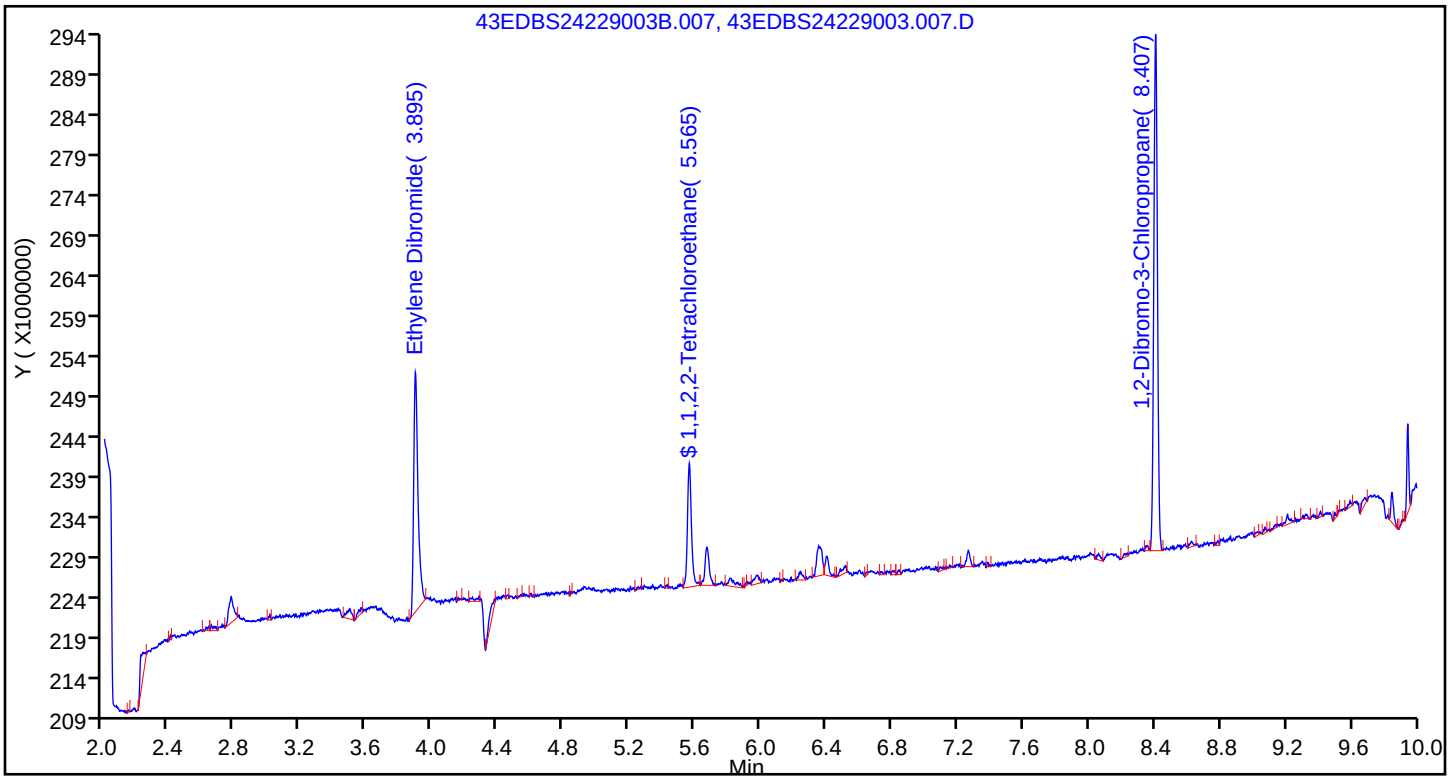
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846S Limit Group: GCSV - 8011 Solid

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-309671-1

SDG No.:

Client Sample ID:
Lab Sample ID: LCSD 410-547493/3-A

Matrix: Solid
Lab File ID: 43EDBS24229003.007.D

Analysis Method: 8011
Date Collected:

Extraction Method: 8011
Date Extracted: 09/04/2024 08:45

Sample wt/vol: 10(g)
Date Analyzed: 09/06/2024 14:53

Con. Extract Vol.: 10(mL)
Dilution Factor: 1

Injection Volume: 1(uL)
GC Column: DB CLP2 ID: 0.32(mm)

% Moisture: % Solids:
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 548652
Units: mg/Kg

Preparation Batch No.: 547493
Instrument ID: Agilent GC/ECD - CP43

CAS NO.	SURROGATE	%REC	Q	LIMITS
79-34-5	1,1,2,2-Tetrachloroethane (Surr)	101		60-140

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\19846\20240906-124269.b\43EDBS24229003.007.D
Lims ID: LCSD 410-547493/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 06-Sep-2024 14:53:00 ALS Bottle#: 0 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: LCSD 410-547493/3-A
Operator ID: Instrument ID: 19846

Method: \\chromfs\Lancaster\ChromData\19846\20240906-124269.b\8011_19846S.m
Limit Group: GCSV - 8011 Solid
Last Update: 09-Sep-2024 08:27:05 Calib Date: 16-Aug-2024 12:55:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\19846\20240816-122419.b\43EDBS24229001.009.D

Column 1 : Agilent DB-CLP1 (0.32 mm) Det: 1ECDA
Column 2 : Agilent DB-CLP2 (0.32 mm) Det: 2ECDB
Process Host: CTX1644

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Ethylene Dibromide							
1	2.818	2.820	-0.002	17328244H	2.59	1.82	
2	3.895	3.895	0.000	30014232H	2.59	1.98	
						RPD = 8.41	
$ 2 1,1,2,2-Tetrachloroethane							
1	4.275	4.275	0.000	9538366H	1.23	1.20	
2	5.565	5.563	0.002	15435535H	1.23	1.25	
						RPD = 4.08	
3 1,2-Dibromo-3-Chloropropane							
1	7.125	7.123	0.002	47478740H	2.58	2.96	
2	8.407	8.407	0.000	64478307H	2.58	2.89	
						RPD = 2.33	

Report Date: 09-Sep-2024 08:27:10 Chrom Revision: 2.3 26-Aug-2024 17:14:48

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\19846\20240906-124269.b\43EDBS24229003.007.D

Injection Date: 06-Sep-2024 14:53:00 Instrument ID: 19846

Lims ID: LCSD 410-547493/3-A

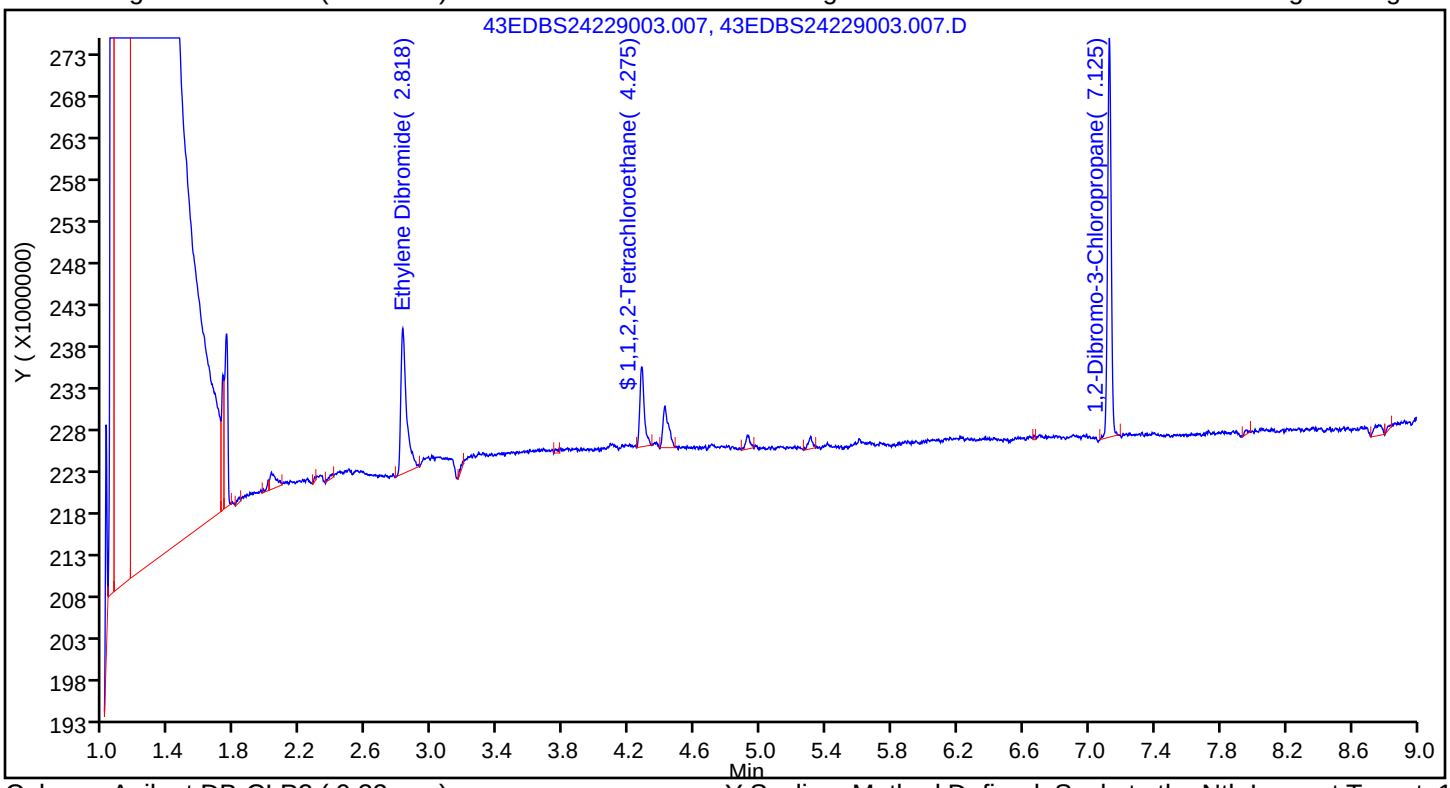
Client ID:

Operator ID: ALS Bottle#: 0 Worklist Smp#: 7

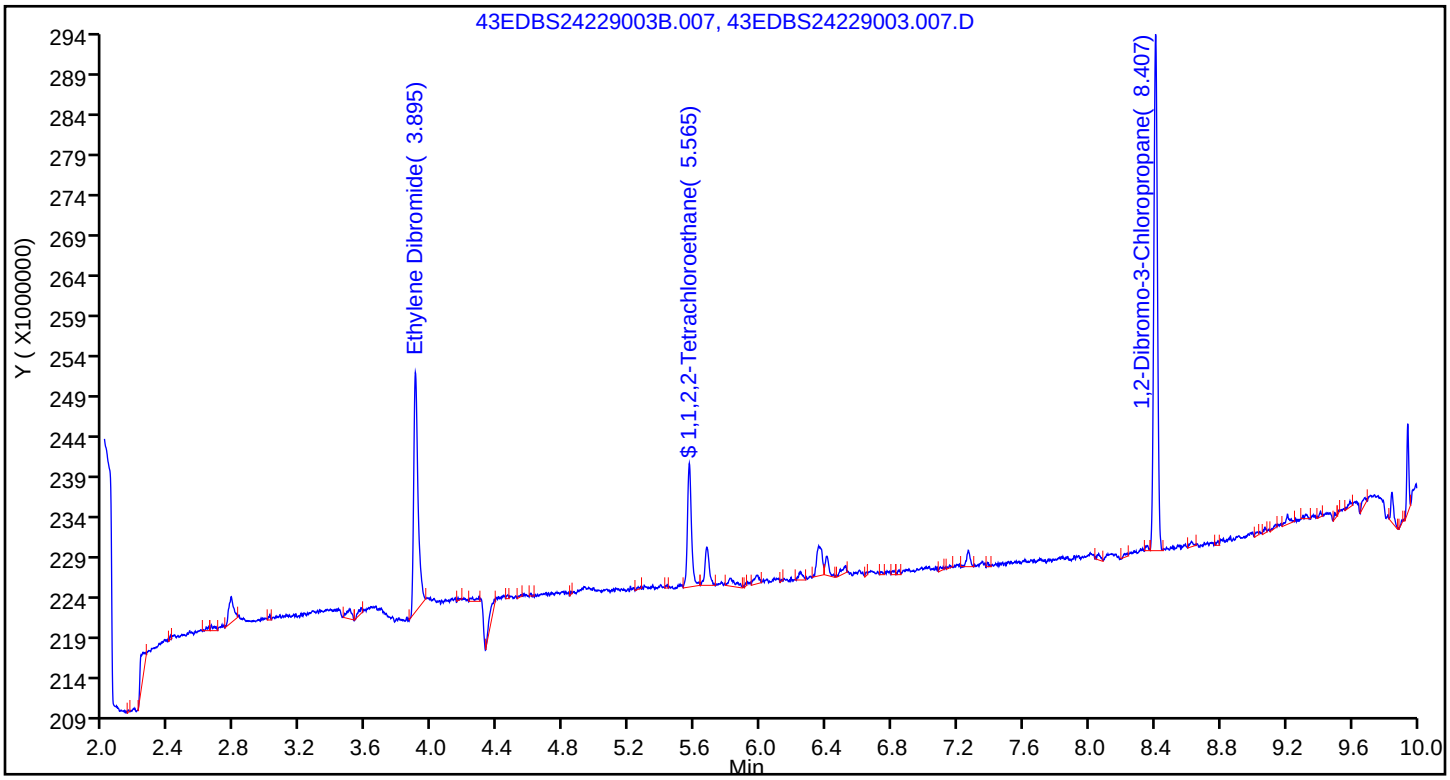
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8011_19846S Limit Group: GCSV - 8011 Solid

Column: Agilent DB-CLP1 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Column: Agilent DB-CLP2 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-309671-1

SDG No.:

Client Sample ID: 20240815_UCS_INT-3-7.5-8 MS
Lab Sample ID: 460-309671-3 MS

Matrix: Solid
Lab File ID: 43EDBS24229003.008.D

Analysis Method: 8011
Date Collected: 08/15/2024 10:05

Extraction Method: 8011
Date Extracted: 09/04/2024 08:45

Sample wt/vol: 10.4(g)
Date Analyzed: 09/06/2024 15:10

Con. Extract Vol.: 10(mL)
Dilution Factor: 1

Injection Volume: 1(uL)
GC Column: DB CLP1 ID: 0.32(mm)

% Moisture: 23.6 % Solids: 76.4
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 548652
Units: mg/Kg

Preparation Batch No.: 547493
Instrument ID: Agilent GC/ECD - CP43

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	0.00302		0.00063	0.00026

CAS NO.	SURROGATE	%REC	Q	LIMITS
79-34-5	1,1,2,2-Tetrachloroethane (Surr)	59	S1-	60-140

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-309671-1

SDG No.:

Client Sample ID: 20240815_UCS_INT-3-7.5-8 MS
Lab Sample ID: 460-309671-3 MS

Matrix: Solid
Lab File ID: 43EDBS24229003.008.D

Analysis Method: 8011
Date Collected: 08/15/2024 10:05

Extraction Method: 8011
Date Extracted: 09/04/2024 08:45

Sample wt/vol: 10.4(g)
Date Analyzed: 09/06/2024 15:10

Con. Extract Vol.: 10(mL)
Dilution Factor: 1

Injection Volume: 1(uL)
GC Column: DB CLP2 ID: 0.32(mm)

% Moisture: 23.6 % Solids: 76.4
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 548652
Units: mg/Kg

Preparation Batch No.: 547493
Instrument ID: Agilent GC/ECD - CP43

CAS NO.	SURROGATE	%REC	Q	LIMITS
79-34-5	1,1,2,2-Tetrachloroethane (Surr)	60		60-140

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-309671-1

SDG No.:

Client Sample ID: 20240815_UCS_INT-3-7.5-8 MSD
Lab Sample ID: 460-309671-3 MSD

Matrix: Solid
Lab File ID: 43EDBS24229003.009.D

Analysis Method: 8011
Date Collected: 08/15/2024 10:05

Extraction Method: 8011
Date Extracted: 09/04/2024 08:45

Sample wt/vol: 10.2(g)
Date Analyzed: 09/06/2024 15:27

Con. Extract Vol.: 10(mL)
Dilution Factor: 1

Injection Volume: 1(uL)
GC Column: DB CLP1 ID: 0.32(mm)

% Moisture: 23.6 % Solids: 76.4
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 548652
Units: mg/Kg

Preparation Batch No.: 547493
Instrument ID: Agilent GC/ECD - CP43

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-93-4	Ethylene Dibromide	0.00201		0.00064	0.00027

CAS NO.	SURROGATE	%REC	Q	LIMITS
79-34-5	1,1,2,2-Tetrachloroethane (Surr)	79		60-140

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 460-309671-1

SDG No.:

Client Sample ID: 20240815_UCS_INT-3-7.5-8 MSD
Lab Sample ID: 460-309671-3 MSD

Matrix: Solid
Lab File ID: 43EDBS24229003.009.D

Analysis Method: 8011
Date Collected: 08/15/2024 10:05

Extraction Method: 8011
Date Extracted: 09/04/2024 08:45

Sample wt/vol: 10.2(g)
Date Analyzed: 09/06/2024 15:27

Con. Extract Vol.: 10(mL)
Dilution Factor: 1

Injection Volume: 1(uL)
GC Column: DB CLP2 ID: 0.32(mm)

% Moisture: 23.6 % Solids: 76.4
GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 548652
Units: mg/Kg

Preparation Batch No.: 547493
Instrument ID: Agilent GC/ECD - CP43

CAS NO.	SURROGATE	%REC	Q	LIMITS
79-34-5	1,1,2,2-Tetrachloroethane (Surr)	82		60-140

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-309671-1

SDG No.:

Instrument ID: 19846 Start Date: 08/16/2024 11:12

Analysis Batch Number: 541275 End Date: 08/16/2024 17:13

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
PIBLK 410-541275/3		08/16/2024 11:12	1		DB CLP1 0.32(mm)
PIBLK 410-541275/3		08/16/2024 11:12	1		DB CLP2 0.32(mm)
IC 410-541275/4		08/16/2024 11:29	1	43EDBS24229001.004.D	DB CLP1 0.32(mm)
IC 410-541275/4		08/16/2024 11:29	1	43EDBS24229001.004.D	DB CLP2 0.32(mm)
IC 410-541275/5		08/16/2024 11:46	1	43EDBS24229001.005.D	DB CLP1 0.32(mm)
IC 410-541275/5		08/16/2024 11:46	1	43EDBS24229001.005.D	DB CLP2 0.32(mm)
IC 410-541275/6		08/16/2024 12:04	1	43EDBS24229001.006.D	DB CLP1 0.32(mm)
IC 410-541275/6		08/16/2024 12:04	1	43EDBS24229001.006.D	DB CLP2 0.32(mm)
ICRT 410-541275/7		08/16/2024 12:21	1	43EDBS24229001.007.D	DB CLP1 0.32(mm)
ICRT 410-541275/7		08/16/2024 12:21	1	43EDBS24229001.007.D	DB CLP2 0.32(mm)
IC 410-541275/8		08/16/2024 12:38	1	43EDBS24229001.008.D	DB CLP1 0.32(mm)
IC 410-541275/8		08/16/2024 12:38	1	43EDBS24229001.008.D	DB CLP2 0.32(mm)
IC 410-541275/9		08/16/2024 12:55	1	43EDBS24229001.009.D	DB CLP1 0.32(mm)
IC 410-541275/9		08/16/2024 12:55	1	43EDBS24229001.009.D	DB CLP2 0.32(mm)
ICVL 410-541275/10		08/16/2024 13:12	1		DB CLP1 0.32(mm)
ICVL 410-541275/10		08/16/2024 13:12	1		DB CLP2 0.32(mm)
ICV 410-541275/11		08/16/2024 13:29	1	43EDBS24229001.011.D	DB CLP1 0.32(mm)
ICV 410-541275/11		08/16/2024 13:29	1	43EDBS24229001.011.D	DB CLP2 0.32(mm)
ZZZZZ		08/16/2024 14:04	1		DB CLP1 0.32(mm)
ZZZZZ		08/16/2024 14:04	1		DB CLP2 0.32(mm)
ZZZZZ		08/16/2024 14:21	1		DB CLP1 0.32(mm)
ZZZZZ		08/16/2024 14:21	1		DB CLP2 0.32(mm)
ZZZZZ		08/16/2024 14:38	1		DB CLP1 0.32(mm)
ZZZZZ		08/16/2024 14:38	1		DB CLP2 0.32(mm)
ZZZZZ		08/16/2024 14:55	1		DB CLP1 0.32(mm)
ZZZZZ		08/16/2024 14:55	1		DB CLP2 0.32(mm)
ZZZZZ		08/16/2024 15:13	1		DB CLP1 0.32(mm)
ZZZZZ		08/16/2024 15:13	1		DB CLP2 0.32(mm)
ZZZZZ		08/16/2024 15:30	1		DB CLP1 0.32(mm)
ZZZZZ		08/16/2024 15:30	1		DB CLP2 0.32(mm)
ZZZZZ		08/16/2024 15:47	1		DB CLP1 0.32(mm)
ZZZZZ		08/16/2024 15:47	1		DB CLP2 0.32(mm)
ZZZZZ		08/16/2024 16:04	1		DB CLP1 0.32(mm)
ZZZZZ		08/16/2024 16:04	1		DB CLP2 0.32(mm)
ZZZZZ		08/16/2024 16:21	1		DB CLP1 0.32(mm)
ZZZZZ		08/16/2024 16:21	1		DB CLP2 0.32(mm)
ZZZZZ		08/16/2024 16:39	1		DB CLP1 0.32(mm)
ZZZZZ		08/16/2024 16:39	1		DB CLP2 0.32(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-309671-1

SDG No.:

Instrument ID: 19846 Start Date: 08/16/2024 11:12

Analysis Batch Number: 541275 End Date: 08/16/2024 17:13

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 410-541275/23		08/16/2024 16:56	1		DB CLP1 0.32(mm)
CCV 410-541275/23		08/16/2024 16:56	1		DB CLP2 0.32(mm)
PIBLK 410-541275/24		08/16/2024 17:13	1		DB CLP1 0.32(mm)
PIBLK 410-541275/24		08/16/2024 17:13	1		DB CLP2 0.32(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-309671-1

SDG No.:

Instrument ID: 19846 Start Date: 08/22/2024 08:57

Analysis Batch Number: 543309 End Date: 08/22/2024 14:39

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVRT 410-543309/3		08/22/2024 08:57	1	43EDBS24229002.003.D	DB CLP1 0.32(mm)
CCVRT 410-543309/3		08/22/2024 08:57	1	43EDBS24229002.003.D	DB CLP2 0.32(mm)
PIBLK 410-543309/4		08/22/2024 09:14	1	43EDBS24229002.004.D	DB CLP1 0.32(mm)
PIBLK 410-543309/4		08/22/2024 09:14	1	43EDBS24229002.004.D	DB CLP2 0.32(mm)
MB 410-542917/1-A		08/22/2024 09:31	1	43EDBS24229002.005.D	DB CLP1 0.32(mm)
MB 410-542917/1-A		08/22/2024 09:31	1	43EDBS24229002.005.D	DB CLP2 0.32(mm)
LCS 410-542917/2-A		08/22/2024 09:48	1	43EDBS24229002.006.D	DB CLP1 0.32(mm)
LCS 410-542917/2-A		08/22/2024 09:48	1	43EDBS24229002.006.D	DB CLP2 0.32(mm)
LCSD 410-542917/3-A		08/22/2024 10:06	1	43EDBS24229002.007.D	DB CLP1 0.32(mm)
LCSD 410-542917/3-A		08/22/2024 10:06	1	43EDBS24229002.007.D	DB CLP2 0.32(mm)
ZZZZZ		08/22/2024 10:23	1		DB CLP1 0.32(mm)
ZZZZZ		08/22/2024 10:23	1		DB CLP2 0.32(mm)
ZZZZZ		08/22/2024 10:40	1		DB CLP1 0.32(mm)
ZZZZZ		08/22/2024 10:40	1		DB CLP2 0.32(mm)
ZZZZZ		08/22/2024 10:57	1		DB CLP1 0.32(mm)
ZZZZZ		08/22/2024 10:57	1		DB CLP2 0.32(mm)
ZZZZZ		08/22/2024 11:14	1		DB CLP1 0.32(mm)
ZZZZZ		08/22/2024 11:14	1		DB CLP2 0.32(mm)
ZZZZZ		08/22/2024 11:31	1		DB CLP1 0.32(mm)
ZZZZZ		08/22/2024 11:31	1		DB CLP2 0.32(mm)
ZZZZZ		08/22/2024 11:48	1		DB CLP1 0.32(mm)
ZZZZZ		08/22/2024 11:48	1		DB CLP2 0.32(mm)
ZZZZZ		08/22/2024 12:05	1		DB CLP1 0.32(mm)
ZZZZZ		08/22/2024 12:05	1		DB CLP2 0.32(mm)
ZZZZZ		08/22/2024 12:22	1		DB CLP1 0.32(mm)
ZZZZZ		08/22/2024 12:22	1		DB CLP2 0.32(mm)
ZZZZZ		08/22/2024 12:39	1		DB CLP1 0.32(mm)
ZZZZZ		08/22/2024 12:39	1		DB CLP2 0.32(mm)
ZZZZZ		08/22/2024 12:57	1		DB CLP1 0.32(mm)
ZZZZZ		08/22/2024 12:57	1		DB CLP2 0.32(mm)
ZZZZZ		08/22/2024 13:14	1		DB CLP1 0.32(mm)
ZZZZZ		08/22/2024 13:14	1		DB CLP2 0.32(mm)
ZZZZZ		08/22/2024 13:31	1		DB CLP1 0.32(mm)
ZZZZZ		08/22/2024 13:31	1		DB CLP2 0.32(mm)
460-309671-2	20240815_UCS_INT-2-6.5-7	08/22/2024 13:48	10	43EDBS24229002.020.D	DB CLP1 0.32(mm)
460-309671-2	20240815_UCS_INT-2-6.5-7	08/22/2024 13:48	10	43EDBS24229002.020.D	DB CLP2 0.32(mm)
460-309671-1	20240815_UCS_INT-1-7.5-8	08/22/2024 14:05	10	43EDBS24229002.021.D	DB CLP1 0.32(mm)
460-309671-1	20240815_UCS_INT-1-7.5-8	08/22/2024 14:05	10	43EDBS24229002.021.D	DB CLP2 0.32(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-309671-1

SDG No.:

Instrument ID: 19846 Start Date: 08/22/2024 08:57

Analysis Batch Number: 543309 End Date: 08/22/2024 14:39

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 410-543309/22		08/22/2024 14:22	1	43EDBS24229002.022.D	DB CLP1 0.32(mm)
CCV 410-543309/22		08/22/2024 14:22	1	43EDBS24229002.022.D	DB CLP2 0.32(mm)
PIBLK 410-543309/23		08/22/2024 14:39	1	43EDBS24229002.023.D	DB CLP1 0.32(mm)
PIBLK 410-543309/23		08/22/2024 14:39	1	43EDBS24229002.023.D	DB CLP2 0.32(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-309671-1

SDG No.:

Instrument ID: 19846 Start Date: 09/06/2024 13:44

Analysis Batch Number: 548652 End Date: 09/09/2024 08:13

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVRT 410-548652/3		09/06/2024 13:44	1	43EDBS24229003.003.D	DB CLP1 0.32(mm)
CCVRT 410-548652/3		09/06/2024 13:44	1	43EDBS24229003.003.D	DB CLP2 0.32(mm)
PIBLK 410-548652/4		09/06/2024 14:01	1	43EDBS24229003.004.D	DB CLP1 0.32(mm)
PIBLK 410-548652/4		09/06/2024 14:01	1	43EDBS24229003.004.D	DB CLP2 0.32(mm)
MB 410-547493/1-A		09/06/2024 14:18	1	43EDBS24229003.005.D	DB CLP1 0.32(mm)
MB 410-547493/1-A		09/06/2024 14:18	1	43EDBS24229003.005.D	DB CLP2 0.32(mm)
LCS 410-547493/2-A		09/06/2024 14:35	1	43EDBS24229003.006.D	DB CLP1 0.32(mm)
LCS 410-547493/2-A		09/06/2024 14:35	1	43EDBS24229003.006.D	DB CLP2 0.32(mm)
LCSD 410-547493/3-A		09/06/2024 14:53	1	43EDBS24229003.007.D	DB CLP1 0.32(mm)
LCSD 410-547493/3-A		09/06/2024 14:53	1	43EDBS24229003.007.D	DB CLP2 0.32(mm)
460-309671-3 MS	20240815_UCS_INT-3-7.5-8 MS	09/06/2024 15:10	1	43EDBS24229003.008.D	DB CLP1 0.32(mm)
460-309671-3 MS	20240815_UCS_INT-3-7.5-8 MS	09/06/2024 15:10	1	43EDBS24229003.008.D	DB CLP2 0.32(mm)
460-309671-3 MSD	20240815_UCS_INT-3-7.5-8 MSD	09/06/2024 15:27	1	43EDBS24229003.009.D	DB CLP1 0.32(mm)
460-309671-3 MSD	20240815_UCS_INT-3-7.5-8 MSD	09/06/2024 15:27	1	43EDBS24229003.009.D	DB CLP2 0.32(mm)
460-309671-3	20240815_UCS_INT-3-7.5-8	09/06/2024 15:44	1	43EDBS24229003.010.D	DB CLP1 0.32(mm)
460-309671-3	20240815_UCS_INT-3-7.5-8	09/06/2024 15:44	1	43EDBS24229003.010.D	DB CLP2 0.32(mm)
CCV 410-548652/22		09/09/2024 07:56	1	43EDBS24229003.011.D	DB CLP1 0.32(mm)
CCV 410-548652/22		09/09/2024 07:56	1	43EDBS24229003.011.D	DB CLP2 0.32(mm)
PIBLK 410-548652/23		09/09/2024 08:13	1	43EDBS24229003.012.D	DB CLP1 0.32(mm)
PIBLK 410-548652/23		09/09/2024 08:13	1	43EDBS24229003.012.D	DB CLP2 0.32(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-309671-1

SDG No.:

Instrument ID: 19853 Start Date: 07/24/2024 13:30

Analysis Batch Number: 531918 End Date: 07/25/2024 06:18

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
PIBLK 410-531918/3		07/24/2024 13:30	1		DB CLP1 0.32(mm)
PIBLK 410-531918/3		07/24/2024 13:30	1		DB CLP2 0.32(mm)
IC 410-531918/4		07/24/2024 13:47	1	16EDBW24206001.004.D	DB CLP1 0.32(mm)
IC 410-531918/4		07/24/2024 13:47	1	16EDBW24206001.004.D	DB CLP2 0.32(mm)
IC 410-531918/5		07/24/2024 14:03	1	16EDBW24206001.005.D	DB CLP1 0.32(mm)
IC 410-531918/5		07/24/2024 14:03	1	16EDBW24206001.005.D	DB CLP2 0.32(mm)
ICRT 410-531918/6		07/24/2024 14:20	1	16EDBW24206001.006.D	DB CLP1 0.32(mm)
ICRT 410-531918/6		07/24/2024 14:20	1	16EDBW24206001.006.D	DB CLP2 0.32(mm)
IC 410-531918/7		07/24/2024 14:37	1	16EDBW24206001.007.D	DB CLP1 0.32(mm)
IC 410-531918/7		07/24/2024 14:37	1	16EDBW24206001.007.D	DB CLP2 0.32(mm)
IC 410-531918/8		07/24/2024 14:54	1	16EDBW24206001.008.D	DB CLP1 0.32(mm)
IC 410-531918/8		07/24/2024 14:54	1	16EDBW24206001.008.D	DB CLP2 0.32(mm)
ICVL 410-531918/9		07/24/2024 15:10	1		DB CLP1 0.32(mm)
ICVL 410-531918/9		07/24/2024 15:10	1		DB CLP2 0.32(mm)
ICV 410-531918/10		07/24/2024 15:27	1	16EDBW24206001.010.D	DB CLP1 0.32(mm)
ICV 410-531918/10		07/24/2024 15:27	1	16EDBW24206001.010.D	DB CLP2 0.32(mm)
ZZZZZ		07/24/2024 15:44	1		DB CLP1 0.32(mm)
ZZZZZ		07/24/2024 15:44	1		DB CLP2 0.32(mm)
ZZZZZ		07/24/2024 16:35	1		DB CLP1 0.32(mm)
ZZZZZ		07/24/2024 16:35	1		DB CLP2 0.32(mm)
ZZZZZ		07/24/2024 16:51	1		DB CLP1 0.32(mm)
ZZZZZ		07/24/2024 16:51	1		DB CLP2 0.32(mm)
ZZZZZ		07/24/2024 17:08	1		DB CLP1 0.32(mm)
ZZZZZ		07/24/2024 17:08	1		DB CLP2 0.32(mm)
ZZZZZ		07/24/2024 18:16	1		DB CLP1 0.32(mm)
ZZZZZ		07/24/2024 18:16	1		DB CLP2 0.32(mm)
CCV 410-531918/22		07/24/2024 18:49	1		DB CLP1 0.32(mm)
CCV 410-531918/22		07/24/2024 18:49	1		DB CLP2 0.32(mm)
PIBLK 410-531918/23		07/24/2024 19:06	1		DB CLP1 0.32(mm)
PIBLK 410-531918/23		07/24/2024 19:06	1		DB CLP2 0.32(mm)
CCV 410-531918/34		07/24/2024 22:11	1		DB CLP1 0.32(mm)
CCV 410-531918/34		07/24/2024 22:11	1		DB CLP2 0.32(mm)
PIBLK 410-531918/35		07/24/2024 22:27	1		DB CLP1 0.32(mm)
PIBLK 410-531918/35		07/24/2024 22:27	1		DB CLP2 0.32(mm)
ZZZZZ		07/25/2024 00:42	1		DB CLP1 0.32(mm)
ZZZZZ		07/25/2024 00:42	1		DB CLP2 0.32(mm)
ZZZZZ		07/25/2024 00:59	1		DB CLP1 0.32(mm)
ZZZZZ		07/25/2024 00:59	1		DB CLP2 0.32(mm)
ZZZZZ		07/25/2024 01:16	1		DB CLP1 0.32(mm)

8011

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-309671-1

SDG No.:

Instrument ID: 19853 Start Date: 07/24/2024 13:30

Analysis Batch Number: 531918 End Date: 07/25/2024 06:18

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		07/25/2024 01:16	1		DB CLP2 0.32(mm)
CCV 410-531918/46		07/25/2024 01:32	1		DB CLP1 0.32(mm)
CCV 410-531918/46		07/25/2024 01:32	1		DB CLP2 0.32(mm)
PIBLK 410-531918/47		07/25/2024 01:49	1		DB CLP1 0.32(mm)
PIBLK 410-531918/47		07/25/2024 01:49	1		DB CLP2 0.32(mm)
ZZZZZ		07/25/2024 02:06	1		DB CLP1 0.32(mm)
ZZZZZ		07/25/2024 02:06	1		DB CLP2 0.32(mm)
ZZZZZ		07/25/2024 02:23	1		DB CLP1 0.32(mm)
ZZZZZ		07/25/2024 02:23	1		DB CLP2 0.32(mm)
ZZZZZ		07/25/2024 02:40	1		DB CLP1 0.32(mm)
ZZZZZ		07/25/2024 02:40	1		DB CLP2 0.32(mm)
ZZZZZ		07/25/2024 02:56	1		DB CLP1 0.32(mm)
ZZZZZ		07/25/2024 02:56	1		DB CLP2 0.32(mm)
ZZZZZ		07/25/2024 03:13	1		DB CLP1 0.32(mm)
ZZZZZ		07/25/2024 03:13	1		DB CLP2 0.32(mm)
ZZZZZ		07/25/2024 03:30	1		DB CLP1 0.32(mm)
ZZZZZ		07/25/2024 03:30	1		DB CLP2 0.32(mm)
ZZZZZ		07/25/2024 03:47	1		DB CLP1 0.32(mm)
ZZZZZ		07/25/2024 03:47	1		DB CLP2 0.32(mm)
ZZZZZ		07/25/2024 04:04	1		DB CLP1 0.32(mm)
ZZZZZ		07/25/2024 04:04	1		DB CLP2 0.32(mm)
ZZZZZ		07/25/2024 04:20	1		DB CLP1 0.32(mm)
ZZZZZ		07/25/2024 04:20	1		DB CLP2 0.32(mm)
ZZZZZ		07/25/2024 04:37	1		DB CLP1 0.32(mm)
ZZZZZ		07/25/2024 04:37	1		DB CLP2 0.32(mm)
ZZZZZ		07/25/2024 04:54	1		DB CLP1 0.32(mm)
ZZZZZ		07/25/2024 04:54	1		DB CLP2 0.32(mm)
ZZZZZ		07/25/2024 05:11	1		DB CLP1 0.32(mm)
ZZZZZ		07/25/2024 05:11	1		DB CLP2 0.32(mm)
ZZZZZ		07/25/2024 05:28	1		DB CLP1 0.32(mm)
ZZZZZ		07/25/2024 05:28	1		DB CLP2 0.32(mm)
ZZZZZ		07/25/2024 05:45	1		DB CLP1 0.32(mm)
ZZZZZ		07/25/2024 05:45	1		DB CLP2 0.32(mm)
CCV 410-531918/62		07/25/2024 06:01	1		DB CLP1 0.32(mm)
CCV 410-531918/62		07/25/2024 06:01	1		DB CLP2 0.32(mm)
PIBLK 410-531918/63		07/25/2024 06:18	1		DB CLP1 0.32(mm)
PIBLK 410-531918/63		07/25/2024 06:18	1		DB CLP2 0.32(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 460-309671-1

SDG No.:

Instrument ID: 19853 Start Date: 08/23/2024 08:35

Analysis Batch Number: 543779 End Date: 08/23/2024 13:20

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVRT 410-543779/3		08/23/2024 08:35	1	16EDBW24206016.003.D	DB CLP1 0.32(mm)
CCVRT 410-543779/3		08/23/2024 08:35	1	16EDBW24206016.003.D	DB CLP2 0.32(mm)
PIBLK 410-543779/4		08/23/2024 08:52	1	16EDBW24206016.004.D	DB CLP1 0.32(mm)
PIBLK 410-543779/4		08/23/2024 08:52	1	16EDBW24206016.004.D	DB CLP2 0.32(mm)
MB 410-543677/1-A		08/23/2024 09:08	1	16EDBW24206016.005.D	DB CLP1 0.32(mm)
MB 410-543677/1-A		08/23/2024 09:08	1	16EDBW24206016.005.D	DB CLP2 0.32(mm)
LCS 410-543677/2-A		08/23/2024 09:25	1	16EDBW24206016.006.D	DB CLP1 0.32(mm)
LCS 410-543677/2-A		08/23/2024 09:25	1	16EDBW24206016.006.D	DB CLP2 0.32(mm)
LCSD 410-543677/3-A		08/23/2024 09:42	1	16EDBW24206016.007.D	DB CLP1 0.32(mm)
LCSD 410-543677/3-A		08/23/2024 09:42	1	16EDBW24206016.007.D	DB CLP2 0.32(mm)
ZZZZZ		08/23/2024 09:59	1		DB CLP1 0.32(mm)
ZZZZZ		08/23/2024 09:59	1		DB CLP2 0.32(mm)
ZZZZZ		08/23/2024 10:16	1		DB CLP1 0.32(mm)
ZZZZZ		08/23/2024 10:16	1		DB CLP2 0.32(mm)
ZZZZZ		08/23/2024 10:32	1		DB CLP1 0.32(mm)
ZZZZZ		08/23/2024 10:32	1		DB CLP2 0.32(mm)
ZZZZZ		08/23/2024 10:49	1		DB CLP1 0.32(mm)
ZZZZZ		08/23/2024 10:49	1		DB CLP2 0.32(mm)
ZZZZZ		08/23/2024 11:06	1		DB CLP1 0.32(mm)
ZZZZZ		08/23/2024 11:06	1		DB CLP2 0.32(mm)
ZZZZZ		08/23/2024 11:23	1		DB CLP1 0.32(mm)
ZZZZZ		08/23/2024 11:23	1		DB CLP2 0.32(mm)
ZZZZZ		08/23/2024 11:39	1		DB CLP1 0.32(mm)
ZZZZZ		08/23/2024 11:39	1		DB CLP2 0.32(mm)
ZZZZZ		08/23/2024 11:56	1		DB CLP1 0.32(mm)
ZZZZZ		08/23/2024 11:56	1		DB CLP2 0.32(mm)
ZZZZZ		08/23/2024 12:13	1		DB CLP1 0.32(mm)
ZZZZZ		08/23/2024 12:13	1		DB CLP2 0.32(mm)
ZZZZZ		08/23/2024 12:30	1		DB CLP1 0.32(mm)
ZZZZZ		08/23/2024 12:30	1		DB CLP2 0.32(mm)
460-309671-4	FB-1-081524	08/23/2024 12:47	1	16EDBW24206016.018.D	DB CLP1 0.32(mm)
460-309671-4	FB-1-081524	08/23/2024 12:47	1	16EDBW24206016.018.D	DB CLP2 0.32(mm)
CCV 410-543779/19		08/23/2024 13:03	1	16EDBW24206016.019.D	DB CLP1 0.32(mm)
CCV 410-543779/19		08/23/2024 13:03	1	16EDBW24206016.019.D	DB CLP2 0.32(mm)
PIBLK 410-543779/20		08/23/2024 13:20	1	16EDBW24206016.020.D	DB CLP1 0.32(mm)
PIBLK 410-543779/20		08/23/2024 13:20	1	16EDBW24206016.020.D	DB CLP2 0.32(mm)

GC SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratorie Job No.: 460-309671-1

SDG No.:

Batch Number: 531918 Batch Start Date: 07/24/24 13:30 Batch Analyst: Shober, Richard

Batch Method: 8011 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	GCS_EDB1 00017	GCS_EDB2 00017	GCS_EDB4 00037	GCS_EDB5 00019	GCS_EDB6 00017	GCS_EDBICV 00044
IC 410-531918/4		8011			1 mL					
IC 410-531918/5		8011				1 mL				
ICRT 410-531918/6		8011					1 mL			
IC 410-531918/7		8011						1 mL		
IC 410-531918/8		8011							1 mL	
ICV 410-531918/10		8011								1 mL

Batch Notes	
Vials	clear glass
Vial Lot Number	24026078

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratorie Job No.: 460-309671-1

SDG No.:

Batch Number: 541275 Batch Start Date: 08/16/24 11:12 Batch Analyst: Shober, Richard

Batch Method: 8011 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	GCS_EDBS1 00033	GCS_EDBS2 00032	GCS_EDBS3 00033	GCS_EDBS4 00047	GCS_EDBS5 00030	GCS_EDBS6 00030
IC 410-541275/4		8011			1 mL					
IC 410-541275/5		8011				1 mL				
IC 410-541275/6		8011					1 mL			
ICRT 410-541275/7		8011						1 mL		
IC 410-541275/8		8011							1 mL	
IC 410-541275/9		8011								1 mL
ICV 410-541275/11		8011								

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	GCS_EDBSICV 00030					
IC 410-541275/4		8011								
IC 410-541275/5		8011								
IC 410-541275/6		8011								
ICRT 410-541275/7		8011								
IC 410-541275/8		8011								
IC 410-541275/9		8011								
ICV 410-541275/11		8011			1 mL					

Batch Notes	
Vials	clear glass
Vial Lot Number	24026118

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratorie Job No.: 460-309671-1

SDG No.:

Batch Number: 542917 Batch Start Date: 08/21/24 11:19 Batch Analyst: DePaul, Savannah

Batch Method: 8011 Batch End Date: 08/21/24 13:14

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	OP_EDB_MS 00075	OP_EDB_SS 00131	AnalysisComment	
MB 410-542917/1		8011, 8011			10 g	10 mL		0.5 mL	Na2SO4	
LCS 410-542917/2		8011, 8011			10 g	10 mL	0.4 mL	0.5 mL	Na2SO4	
LCSD 410-542917/3		8011, 8011			10 g	10 mL	0.4 mL	0.5 mL	Na2SO4	
460-309671-E-2	20240815_UCS_INT-2-6.5-7	8011, 8011	Solid	T	10.4 g	10 mL		0.5 mL	dark brown clay, rocks	
460-309671-E-1	20240815_UCS_INT-1-7.5-8	8011, 8011	Solid	T	10.4 g	10 mL		0.5 mL	dark brown clay, rocks, wet	

Batch Notes	
Balance ID	15518
Analyst ID - Extraction	SD93352
Analyst ID - Spike Analyst	SD93352
Prep Solvent ID	hexane: 64131
Na2SO4 ID	24232B
Centrifuge ID	centrifuge 2
VOA Vial ID	428155
Filter ID	220113103
Tumbler ID	Tumbler 1
Tumble Start Time	11:38
Tumble End Time	11:58

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratorie Job No.: 460-309671-1

SDG No.:

Batch Number: 543677 Batch Start Date: 08/22/24 23:46 Batch Analyst: Morrow, Sherry L

Batch Method: 8011 Batch End Date: 08/23/24 01:50

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	GrossWeight	TareWeight	DensityAcc	InitialAmount	FinalAmount	ResidualChloCheck
MB 410-543677/1		8011, 8011			60 g	25 g	n/a	35 mL	2 mL	no
LCS 410-543677/2		8011, 8011			60 g	25 g	n/a	35 mL	2 mL	no
LCSD 410-543677/3		8011, 8011			60 g	25 g	n/a	35 mL	2 mL	no
460-309671-D-4	FB-1-081524	8011, 8011	Water	T	62.221 g	25.925 g	n/a	36.3 mL	2 mL	no

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	ReceivedpH	OP_EDB_MS 00075	OP_EDB_SS 00131	AnalysisComment		
MB 410-543677/1		8011, 8011			< 2 SU		0.1 mL	di h20		
LCS 410-543677/2		8011, 8011			< 2 SU	0.07 mL	0.1 mL	di h20		
LCSD 410-543677/3		8011, 8011			< 2 SU	0.07 mL	0.1 mL	di h20		
460-309671-D-4	FB-1-081524	8011, 8011	Water	T	< 2 SU		0.1 mL	cloudy pale yellow / brown sediment		

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratorie Job No.: 460-309671-1

SDG No.:

Batch Number: 543677 Batch Start Date: 08/22/24 23:46 Batch Analyst: Morrow, Sherry L

Batch Method: 8011 Batch End Date: 08/23/24 01:50

Batch Notes	
Balance ID	9330
Balance is Level? (Y/N)	yes
Residual Chlorine Indicator ID	060716
pH Indicator ID	200819B
Pipette/Syringe/Dispenser ID	6
Analyst ID - Extraction	1785
Analyst ID - Spike Analyst	1785
Analyst ID - Spike Witness Analyst	9121
Prep Solvent ID	hexane 64131
NaCl ID	24209A
Na2SO4 ID	24190B
Centrifuge ID	2
Vial Lot Number	24026103
Tumbler ID	1
Tumble Start Time	01:00
Tumble End Time	01:20
Pipette Tip Lot ID	M213736P / M213923P

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratorie Job No.: 460-309671-1

SDG No.:

Batch Number: 547493 Batch Start Date: 09/04/24 08:45 Batch Analyst: DePaul, Savannah

Batch Method: 8011 Batch End Date: 09/04/24 09:57

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	OP_EDB_MS 00076	OP_EDB_SS 00132	AnalysisComment	
MB 410-547493/1		8011, 8011			10 g	10 mL		0.5 mL	Na2SO4	
LCS 410-547493/2		8011, 8011			10 g	10 mL	0.4 mL	0.5 mL	Na2SO4	
LCSD 410-547493/3		8011, 8011			10 g	10 mL	0.4 mL	0.5 mL	Na2SO4	
460-309671-F-3 MS	20240815_UCS_INT-3-7.5-8	8011, 8011		T	10.4 g	10 mL	0.4 mL	0.5 mL	black sludge, rocks, twigs, strong fuel smell	
460-309671-F-3 MSD	20240815_UCS_INT-3-7.5-8	8011, 8011		T	10.2 g	10 mL	0.4 mL	0.5 mL	black sludge, rocks, twigs, strong fuel smell	
460-309671-F-3	20240815_UCS_INT-3-7.5-8	8011, 8011	Solid	T	10.3 g	10 mL		0.5 mL	black sludge, rocks, twigs, strong fuel smell	

Batch Notes	
Balance ID	15518
Analyst ID - Extraction	SD93352
Analyst ID - Spike Analyst	SD93352
Prep Solvent ID	hexane: 64208
Na2SO4 ID	24232B
Centrifuge ID	Centrifuge 2
VOA Vial ID	428155
Filter ID	220113103
Tumbler ID	Tumbler 1
Tumble Start Time	09:15
Tumble End Time	09:35

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS

COVER PAGE
METALS

Lab Name: Eurofins Edison Job Number: 460-309671-1

SDG No.:

Project: Bellwether District Holdings, LLC (BDH)

Client Sample ID	Lab Sample ID
20240815_UCS_INT-1-7.5-8	460-309671-1
20240815_UCS_INT-2-6.5-7	460-309671-2
20240815_UCS_INT-3-7.5-8	460-309671-3
FB-1-081524	460-309671-4

Comments:

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 20240815_UCS_INT-1-7.5-8 Lab Sample ID: 460-309671-1

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG ID.:

Matrix: Solid Date Sampled: 08/15/2024 09:45

Reporting Basis: DRY Date Received: 08/16/2024 10:10

Preparation Batch Number: 991612 Instrument ID: ICPMS3

% Solids: 78.0

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7439-92-1	Lead	75.5	0.69	0.23	mg/Kg			1	6020B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 20240815_UCS_INT-2-6.5-7
Lab Sample ID: 460-309671-2
Lab Name: Eurofins Edison
Job No.: 460-309671-1
SDG ID.:
Matrix: Solid
Date Sampled: 08/15/2024 09:55
Reporting Basis: DRY
Date Received: 08/16/2024 10:10
Preparation Batch Number: 991612
Instrument ID: ICPMS3
% Solids: 80.7

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7439-92-1	Lead	239	0.68	0.23	mg/Kg			1	6020B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 20240815_UCS_INT-3-7.5-8 Lab Sample ID: 460-309671-3

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG ID.:

Matrix: Solid Date Sampled: 08/15/2024 10:05

Reporting Basis: DRY Date Received: 08/16/2024 10:10

Preparation Batch Number: 993545 Instrument ID: ICPMS5

% Solids: 76.4

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7439-92-1	Lead	240	0.62	0.21	mg/Kg			1	6020B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: FB-1-081524 Lab Sample ID: 460-309671-4

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG ID.:

Matrix: Water Date Sampled: 08/15/2024 09:10

Reporting Basis: WET Date Received: 08/16/2024 10:10

Preparation Batch Number: 991551 Instrument ID: ICPMS3

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7439-92-1	Lead	0.84	1.2	0.84	ug/L	U		1	6020B

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

ICV Source: Interm_ICV_00021 Concentration Units: ug/L

CCV Source: me_Cal5_00184

Analyte	ICV 460-991695/7 08/21/2024 12:43				CCV 460-991695/19 08/21/2024 13:12				CCV 460-991695/66 08/21/2024 15:08			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Lead	79.29		80.0	99	99.28		100	99	99.89		100	100

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

ICV Source: Interm_ICV_00021 Concentration Units: ug/L

CCV Source: me_Cal5_00184

Analyte	CCV 460-991695/78 08/21/2024 15:37				CCV 460-991695/174 08/21/2024 20:03				CCV 460-991695/186 08/21/2024 20:33			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Lead	100.5		100	101	100.8		100	101	101.1		100	101

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

ICV Source: Interm_ICV_00021 Concentration Units: ug/L

CCV Source: me_Cal5_00184

Analyte	CCV 460-991695/198 08/21/2024 21:02				CCV 460-991695/210 08/21/2024 21:31							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Lead	101.0		100	101	99.30		100	99				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

ICV Source: Interm_ICV_00021 Concentration Units: ug/L

CCV Source: me_Cal5_00184

Analyte	ICV 460-991949/7 08/22/2024 09:42				CCV 460-991949/19 08/22/2024 10:11				CCV 460-991949/194 08/22/2024 17:48			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Lead	79.09		80.0	99	100.2		100	100	100.4		100	100

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

ICV Source: Interm_ICV_00021 Concentration Units: ug/L

CCV Source: me_Cal5_00184

Analyte	CCV 460-991949/206 08/22/2024 18:17											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Lead	100.2		100	100								

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

ICV Source: Interm_ICV_00021 Concentration Units: ug/L

CCV Source: me_Cal5_00188

Analyte	ICV 460-993630/7 08/31/2024 10:20				CCV 460-993630/19 08/31/2024 10:50				CCV 460-993630/31 08/31/2024 11:27			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Lead	79.32		80.0	99	101.7		100	102	97.86		100	98

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

ICV Source: Interm_ICV_00021 Concentration Units: ug/L

CCV Source: me_Cal5_00188

Analyte	CCV 460-993630/43 08/31/2024 11:57											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Lead	101.1		100	101								

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 460-991695/8 08/21/2024 12:45		CCB 460-991695/20 08/21/2024 13:14		CCB 460-991695/67 08/21/2024 15:11		CCB 460-991695/79 08/21/2024 15:40	
		Found	C	Found	C	Found	C	Found	C
Lead	6.0	2.0	U	2.0	U	0.84	U	0.84	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	CCB 460-991695/175 08/21/2024 20:06		CCB 460-991695/187 08/21/2024 20:36		CCB 460-991695/199 08/21/2024 21:05		CCB 460-991695/211 08/21/2024 21:34	
		Found	C	Found	C	Found	C	Found	C
Lead	6.0	2.0	U	2.0	U	2.0	U	2.0	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 460-991949/8 08/22/2024 09:45		CCB 460-991949/20 08/22/2024 10:14		CCB 460-991949/195 08/22/2024 17:50		CCB 460-991949/207 08/22/2024 18:19	
		Found	C	Found	C	Found	C	Found	C
Lead	1.2	0.84	U	0.84	U	0.84	U	0.84	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 460-993630/8 08/31/2024 10:22		CCB 460-993630/20 08/31/2024 10:53		CCB 460-993630/32 08/31/2024 11:29		CCB 460-993630/44 08/31/2024 12:00	
		Found	C	Found	C	Found	C	Found	C
Lead	6.0	2.0	U	2.0	U	2.0	U	2.0	U

Italicized analytes were not requested for this sequence.

3-IN
METHOD BLANK
METALS

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Concentration Units: ug/L Lab Sample ID: MB 460-991551/1-A

Instrument Code: ICPMS3 Batch No.: 991695

CAS No.	Analyte	Concentration	C	Q	Method
7439-92-1	Lead	0.84	U		6020B

3-IN
METHOD BLANK
METALS

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Concentration Units: mg/Kg Lab Sample ID: MB 460-991612/1-A

Instrument Code: ICPMS3 Batch No.: 991695

CAS No.	Analyte	Concentration	C	Q	Method
7439-92-1	Lead	0.20	U		6020B

3-IN
METHOD BLANK
METALS

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Concentration Units: mg/Kg Lab Sample ID: MB 460-993545/1-A

Instrument Code: ICPMS5 Batch No.: 993630

CAS No.	Analyte	Concentration	C	Q	Method
7439-92-1	Lead	0.20	U		6020B

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Lab Sample ID: ICSA 460-991695/10 Instrument ID: ICPMS3

Lab File ID: 013ICSA.d ICS Source: me_ICSA_00247

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Lead		**0.281**	
Aluminum	*100000*	*98961*	*99*
Antimony		*0.0490*	
Arsenic		*0.160*	
Barium		*0.631*	
Beryllium		*0.0260*	
Boron		*2.91*	
Cadmium		*0.453*	
Calcium	*100000*	*98355*	*98*
Chromium		*0.541*	
Cobalt		*0.332*	
Copper		*0.950*	
Iron	*100000*	*99081*	*99*
Magnesium	*100000*	*97891*	*98*
Manganese		*0.650*	
Molybdenum	*2000*	*1946*	*97*
Nickel		*0.787*	
Potassium	*100000*	*100625*	*101*
Selenium		*0.210*	
Silver		*0.0350*	
Sodium	*100000*	*98121*	*98*
Strontium		*0.951*	
Thallium		*0.0080*	
Tin		*-0.228*	
Titanium	*2000*	*2113*	*106*
Vanadium		*0.0180*	
Zinc		*2.51*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Lab Sample ID: ICSAB 460-991695/11 Instrument ID: ICPMS3

Lab File ID: 014ICSB.d ICS Source: me_ICSAB_00207

Concentration Units: ug/L

Analyte	True Solution AB	Found Solution AB	Percent Recovery
Lead	**200**	**197**	**98**
Aluminum	*100000*	*97584*	*98*
Antimony	*100*	*96.6*	*97*
Arsenic	*200*	*197*	*98*
Barium	*200*	*200*	*100*
Beryllium	*200*	*183*	*92*
Boron		*2.70*	
Cadmium	*200*	*193*	*96*
Calcium	*100000*	*101698*	*102*
Chromium	*200*	*193*	*97*
Cobalt	*200*	*190*	*95*
Copper	*200*	*190*	*95*
Iron	*100000*	*101723*	*102*
Magnesium	*100000*	*98173*	*98*
Manganese	*200*	*185*	*93*
Molybdenum	*2000*	*1968*	*98*
Nickel	*200*	*191*	*95*
Potassium	*100000*	*100268*	*100*
Selenium	*200*	*198*	*99*
Silver	*200*	*191*	*95*
Sodium	*100000*	*97871*	*98*
Strontium	*200*	*199*	*99*
Thallium	*100*	*96.6*	*97*
Tin	*200*	*197*	
Titanium	*2000*	*2045*	*102*
Vanadium	*200*	*195*	*98*
Zinc	*200*	*190*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Lab Sample ID: ICSA 460-991949/10 Instrument ID: ICPMS3

Lab File ID: 013ICSA.d ICS Source: me_ICSA_00247

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Lead		**0.246**	
Aluminum	*100000*	*98431*	*98*
Antimony		*0.0470*	
Arsenic		*0.0880*	
Barium		*0.703*	
Beryllium		*0.0020*	
Boron		*2.81*	
Cadmium		*0.481*	
Calcium	*100000*	*99897*	*100*
Chromium		*0.554*	
Cobalt		*0.318*	
Copper		*0.761*	
Iron	*100000*	*99666*	*100*
Magnesium	*100000*	*97385*	*97*
Manganese		*0.573*	
Molybdenum	*2000*	*1966*	*98*
Nickel		*0.609*	
Potassium	*100000*	*96553*	*97*
Selenium		*0.184*	
Silver		*0.0330*	
Sodium	*100000*	*99050*	*99*
Strontium		*0.978*	
Thallium		*-0.0430*	
Tin		*0.162*	
Titanium	*2000*	*2076*	*104*
Vanadium		*0.0140*	
Zinc		*2.23*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Lab Sample ID: ICSAB 460-991949/11 Instrument ID: ICPMS3

Lab File ID: 014ICSB.d ICS Source: me_ICSAB_00207

Concentration Units: ug/L

Analyte	True Solution AB	Found Solution AB	Percent Recovery
Lead	**200**	**204**	**102**
Aluminum	*100000*	*101332*	*101*
Antimony	*100*	*97.7*	*98*
Arsenic	*200*	*201*	*101*
Barium	*200*	*201*	*100*
Beryllium	*200*	*199*	*100*
Boron		*1.99*	
Cadmium	*200*	*199*	*99*
Calcium	*100000*	*100585*	*101*
Chromium	*200*	*199*	*99*
Cobalt	*200*	*199*	*99*
Copper	*200*	*197*	*98*
Iron	*100000*	*100944*	*101*
Magnesium	*100000*	*100866*	*101*
Manganese	*200*	*194*	*97*
Molybdenum	*2000*	*2019*	*101*
Nickel	*200*	*200*	*100*
Potassium	*100000*	*98897*	*99*
Selenium	*200*	*199*	*100*
Silver	*200*	*195*	*97*
Sodium	*100000*	*102513*	*103*
Strontium	*200*	*202*	*101*
Thallium	*100*	*99.4*	*99*
Tin	*200*	*202*	*101*
Titanium	*2000*	*2172*	*109*
Vanadium	*200*	*201*	*100*
Zinc	*200*	*198*	*99*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Lab Sample ID: ICSA 460-993630/10 Instrument ID: ICPMS5

Lab File ID: 013ICSA.d ICS Source: me_ICSA_00249

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Lead		**0.247**	
Aluminum	*100000*	*95815*	*96*
Antimony		*0.0890*	
Arsenic		*0.229*	
Barium		*0.791*	
Beryllium		*0.0180*	
Boron		*6.44*	
Cadmium		*0.430*	
Calcium	*100000*	*99113*	*99*
Chromium		*0.885*	
Cobalt		*0.323*	
Copper		*0.477*	
Iron	*100000*	*98214*	*98*
Magnesium	*100000*	*96106*	*96*
Manganese		*0.844*	
Molybdenum	*2000*	*1979*	*99*
Nickel		*-4.98*	
Potassium	*100000*	*97427*	*97*
Selenium		*0.288*	
Silver		*0.0300*	
Sodium	*100000*	*97421*	*97*
Strontium		*1.07*	
Thallium		*-0.0380*	
Tin		*-0.0910*	
Titanium	*2000*	*2261*	*113*
Vanadium		*0.582*	
Zinc		*1.79*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Lab Sample ID: ICSAB 460-993630/11 Instrument ID: ICPMS5

Lab File ID: 014ICSB.d ICS Source: me_ICSAB_00209

Concentration Units: ug/L

Analyte	True Solution AB	Found Solution AB	Percent Recovery
Lead	**200**	**206**	**103**
Aluminum	*100000*	*99696*	*100*
Antimony	*100*	*101*	*101*
Arsenic	*200*	*202*	*101*
Barium	*200*	*209*	*104*
Beryllium	*200*	*207*	*103*
Boron		*4.09*	
Cadmium	*200*	*201*	*101*
Calcium	*100000*	*99925*	*100*
Chromium	*200*	*200*	*100*
Cobalt	*200*	*200*	*100*
Copper	*200*	*201*	*100*
Iron	*100000*	*99518*	*100*
Magnesium	*100000*	*100144*	*100*
Manganese	*200*	*194*	*97*
Molybdenum	*2000*	*2024*	*101*
Nickel	*200*	*196*	*98*
Potassium	*100000*	*99803*	*100*
Selenium	*200*	*204*	*102*
Silver	*200*	*197*	*98*
Sodium	*100000*	*101367*	*101*
Strontium	*200*	*206*	*103*
Thallium	*100*	*104*	*104*
Tin	*200*	*207*	
Titanium	*2000*	*2302*	*115*
Vanadium	*200*	*205*	*103*
Zinc	*200*	*198*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: _____ Lab ID: 620-20141-H-1-C MS

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.: _____

Matrix: Water Concentration Units: ug/L

% Solids: _____

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Lead	25.01		0.84	U	25.0	100	75-125		6020B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VA - IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: Lab ID: 460-309773-C-16-K MS

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Matrix: Solid Concentration Units: mg/Kg

% Solids: 98.8

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Lead	7.49		3.2		5.06	85	75-125		6020B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VA - IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: Lab ID: 460-310327-F-1-C MS

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Matrix: Solid Concentration Units: mg/Kg

% Solids: 70.2

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Lead	33.56		30.3		5.48	60	75-125	4	6020B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VA - IN

5A-IN
MATRIX SPIKE DUPLICATE SAMPLE RECOVERY
METALS

Client ID: Lab ID: 460-309773-C-16-L MSD

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Matrix: Solid Concentration Units: mg/Kg

% Solids: 98.8

Analyte	(SDR)	C	Spike Added (SA)	%R	Control Limit %R	RPD	RPD Limit	Q	Method
Lead	7.63		5.06	87	75-125	2	20		6020B

SDR = Sample Duplicate Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VD - IN

5B-IN
POST DIGESTION SPIKE SAMPLE RECOVERY
METALS

Client ID: _____ Lab ID: 620-20141-H-1-A PDS

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.: _____

Matrix: Water Concentration Units: ug/L

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Lead	24.42		0.84	U	25.0	98	75-125		6020B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VB - IN

5B-IN
POST DIGESTION SPIKE SAMPLE RECOVERY
METALS

Client ID: Lab ID: 460-309773-C-16-I PDS

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Matrix: Solid Concentration Units: mg/Kg

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Lead	5.69		3.2		2.53	98	75-125		6020B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VB - IN

5B-IN
POST DIGESTION SPIKE SAMPLE RECOVERY
METALS

Client ID: _____ Lab ID: 460-310327-F-1-A PDS

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.: _____

Matrix: Solid Concentration Units: mg/Kg

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Lead	32.69		30.3		2.78	NC	75-125		6020B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VB - IN

6-IN
DUPLICATES
METALS

Client ID: _____ Lab ID: 620-20141-H-1-B DU

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.: _____

% Solids for Sample: _____ % Solids for Duplicate: _____

Matrix: Water Concentration Units: ug/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Lead	1.2	0.84	U	0.84	U	NC		6020B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

6-IN
DUPLICATES
METALS

Client ID: Lab ID: 460-309773-C-16-J DU

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

% Solids for Sample: 98.8 % Solids for Duplicate: 98.8

Matrix: Solid Concentration Units: mg/Kg

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Lead	0.61	3.2		2.72		17		6020B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

6-IN
DUPLICATES
METALS

Client ID: _____ Lab ID: 460-310327-F-1-B DU

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.: _____

% Solids for Sample: 70.2 % Solids for Duplicate: 70.2

Matrix: Solid Concentration Units: mg/Kg

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Lead	0.63	30.3		29.01		4		6020B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

7A-IN
LINEAR RANGE CHECK STANDARD
METALS

Lab ID: LRC 460-991695/12

Lab Name: Eurofins Edison Job No.: 460-309671-1

Sample Matrix: LCS Source: me_LR-A_00052

Analyte	(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Lead	20000	19370		97	90	110		6020B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LINEAR RANGE CHECK STANDARD
METALS

Lab ID: LRC 460-991695/13

Lab Name: Eurofins Edison Job No.: 460-309671-1

Sample Matrix: LCS Source:

Analyte	(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Lead		8.35						6020B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LINEAR RANGE CHECK STANDARD
METALS

Lab ID: LRC 460-991695/14

Lab Name: Eurofins Edison Job No.: 460-309671-1

Sample Matrix: LCS Source:

Analyte	(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Lead		2.0	U					6020B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 460-991551/2-A

Lab Name: Eurofins Edison Job No.: 460-309671-1

Sample Matrix: Water LCS Source: ME_ipmsSPK_00053

Analyte	Water(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Lead	25.0	24.41		98	80	120		6020B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LCS-CERTIFIED REFERENCE MATERIAL
METALS

Lab ID: LCSSRM 460-991612/2-A ^3

Lab Name: Eurofins Edison Job No.: 460-309671-1

Sample Matrix: Solid LCS Source: ME_LCSS_123_00004

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Lead	92.8	92.90		100.1	81.8	118.5		6020B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LINEAR RANGE CHECK STANDARD
METALS

Lab ID: LRC 460-991949/12

Lab Name: Eurofins Edison Job No.: 460-309671-1

Sample Matrix: LCS Source: me_LR-A_00052

Analyte	(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Lead	20000	19280		96	90	110		6020B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LINEAR RANGE CHECK STANDARD
METALS

Lab ID: LRC 460-991949/13

Lab Name: Eurofins Edison Job No.: 460-309671-1

Sample Matrix: LCS Source:

Analyte	(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Lead		2.69						6020B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LINEAR RANGE CHECK STANDARD
METALS

Lab ID: LRC 460-991949/14

Lab Name: Eurofins Edison Job No.: 460-309671-1

Sample Matrix: LCS Source:

Analyte	(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Lead		1.13	J					6020B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LINEAR RANGE CHECK STANDARD
METALS

Lab ID: LRC 460-993630/12

Lab Name: Eurofins Edison Job No.: 460-309671-1

Sample Matrix: LCS Source: me_LR-A_00053

Analyte	(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Lead	20000	19770		99	90	110		6020B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LINEAR RANGE CHECK STANDARD
METALS

Lab ID: LRC 460-993630/13

Lab Name: Eurofins Edison Job No.: 460-309671-1

Sample Matrix: LCS Source:

Analyte	(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Lead		3.54	J					6020B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LINEAR RANGE CHECK STANDARD
METALS

Lab ID: LRC 460-993630/14

Lab Name: Eurofins Edison Job No.: 460-309671-1

Sample Matrix: LCS Source:

Analyte	(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Lead		2.0	U					6020B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LCS-CERTIFIED REFERENCE MATERIAL
METALS

Lab ID: LCSSRM 460-993545/2-A ^3

Lab Name: Eurofins Edison Job No.: 460-309671-1

Sample Matrix: Solid LCS Source: ME_LCSS_124_00001

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Lead	194	210.5		108.5	82.0	118.6		6020B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS

Lab ID: 620-20141-H-1-A SD ^5

SDG No:

Lab Name: Eurofins Edison Job No: 460-309671-1

Matrix: Water Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Lead	0.84	U	4.2	U	NC		6020B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIII-IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS

Lab ID: 460-309773-C-16-I SD ^5

SDG No:

Lab Name: Eurofins Edison Job No: 460-309671-1

Matrix: Solid Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Lead	3.2		3.40		NC		6020B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIII-IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS

Lab ID: 460-310327-F-1-A SD ^5

SDG No:

Lab Name: Eurofins Edison Job No: 460-309671-1

Matrix: Solid Concentration Units: mg/Kg

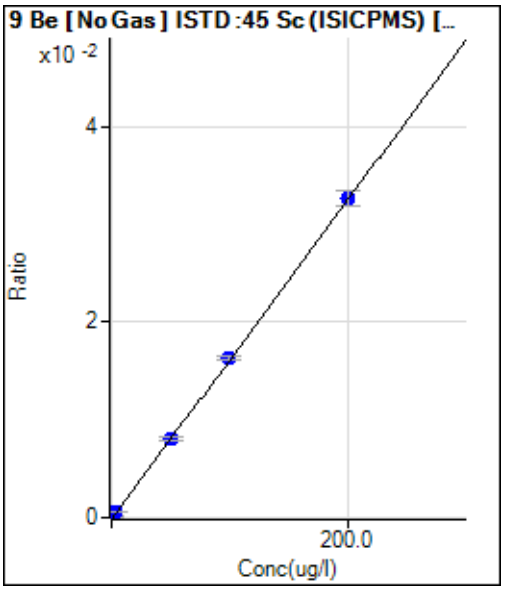
Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Lead	30.3		30.42		NC		6020B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIII-IN

Batch Folder: C:\Agilent\ICPMH\1\DATA\NM082124_C.b\
Analysis File: NM082124_C.batch.bin
DA Date-Time: 2024-08-21 13:15:31
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

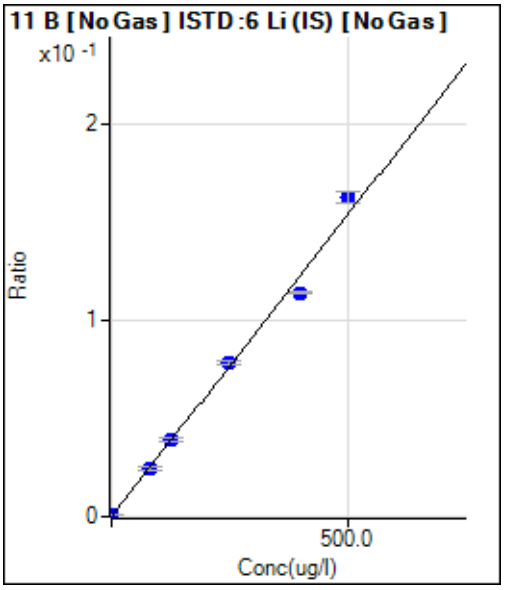
Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	IC Cal Blk	2024-08-21 12:26:32
2	005CALS.d	IC Cal-1	2024-08-21 12:29:55
3	006CALS.d	IC Cal-2	2024-08-21 12:32:34
4	007CALS.d	IC Cal-3	2024-08-21 12:35:16
5	008CALS.d	IC Cal-4	2024-08-21 12:37:54
6	009CALS.d	IC Cal-5	2024-08-21 12:40:29



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	37.78	0.0000	P	17.9	
2	☐	0.800	0.754	2818.05	0.0001	P	2.6	-5.8
3	☐	4.000	3.786	13867.35	0.0006	P	1.9	-5.4
4	☐	50.000	49.372	181701.74	0.0081	P	2.6	-1.3
5	☐	100.000	100.290	361582.51	0.0164	P	2.3	0.3
6	☐	200.000	200.017	725883.25	0.0326	P	5.1	0.0

y = 1.6321E-004 * x + 1.6876E-006
R = 1.0000
DL = 0.005541 ug/l
BEC = 0.01034 ug/l

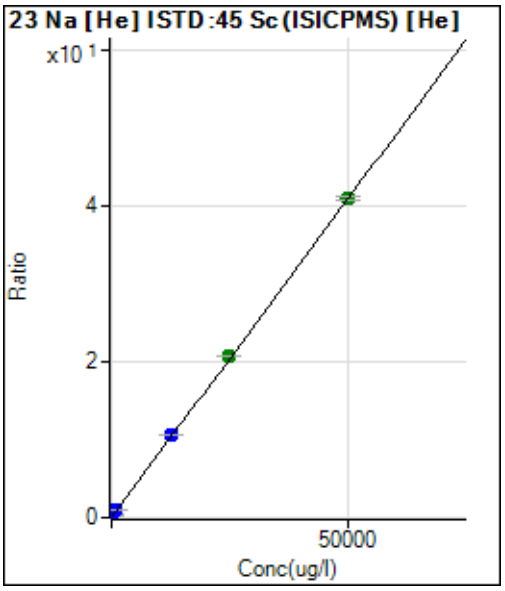
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	8691.38	0.0010	P	0.9	
2	☐	80.000	76.187	203280.94	0.0245	P	4.5	-4.8
3	☐	400.000	367.042	986234.20	0.1141	P	1.0	-8.2
4	☐	125.000	125.110	333252.12	0.0396	P	5.4	0.1
5	☐	250.000	251.585	640464.95	0.0785	P	1.7	0.6
6	☐	500.000	526.156	1282990.43	0.1631	P	4.2	5.2

y = 3.0790E-004 * x + 0.0010
R = 0.9955
DL = 0.09557 ug/l
BEC = 3.404 ug/l

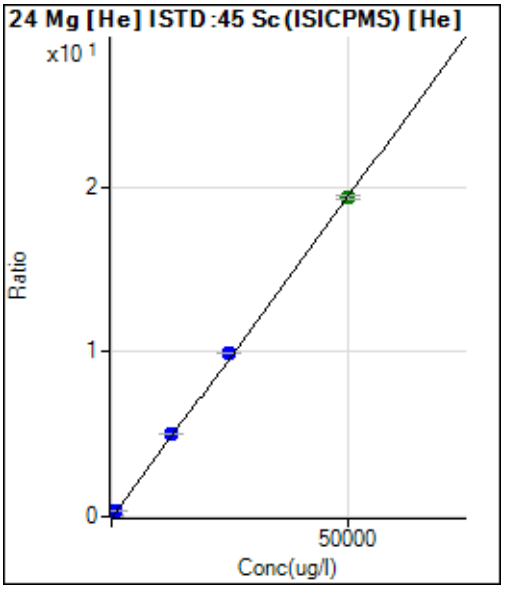
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Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	95775.69	0.2433	P	0.7	
2	☐	200.000	196.139	158101.20	0.4033	P	0.6	-1.9
3	☐	1000.000	1000.134	411501.49	1.0592	P	0.5	0.0
4	☐	12500.00	12804.84	4109954.56	10.6891	P	0.3	2.4
5	☐	25000.00	25140.25	8019380.78	20.7520	A	0.6	0.6
6	☐	50000.00	49853.67	16096144.34	40.9125	A	0.9	-0.3

y = 8.1577E-004 * x + 0.2433
R = 1.0000
DL = 6.067 ug/l
BEC = 298.2 ug/l

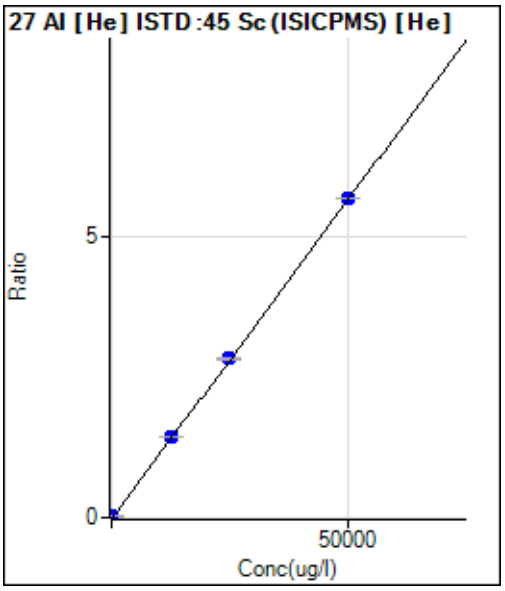
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Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	432.23	0.0011	P	10.3	
2	☐	200.000	197.507	30648.37	0.0782	P	1.0	-1.2
3	☐	1000.000	999.330	151940.69	0.3911	P	0.9	-0.1
4	☐	12500.00	12869.10	1931429.66	5.0233	P	0.5	3.0
5	☐	25000.00	25443.51	3837435.19	9.9304	P	0.8	1.8
6	☐	50000.00	49685.99	7628375.86	19.3910	A	0.7	-0.6

y = 3.9025E-004 * x + 0.0011
R = 0.9999
DL = 0.8703 ug/l
BEC = 2.813 ug/l

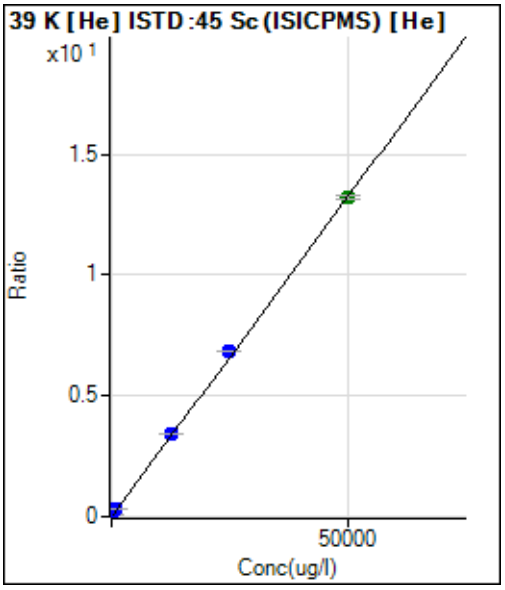
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Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	167.78	0.0004	P	33.2	
2	☐	40.000	40.597	1980.14	0.0051	P	7.1	1.5
3	☐	200.000	202.521	9130.55	0.0235	P	1.1	1.3
4	☐	12500.00	12613.19	552722.78	1.4375	P	0.7	0.9
5	☐	25000.00	24885.00	1095814.31	2.8357	P	0.8	-0.5
6	☐	50000.00	50029.18	2242627.47	5.7006	P	0.2	0.1

y = 1.1394E-004 * x + 4.2592E-004
R = 1.0000
DL = 3.727 ug/l
BEC = 3.738 ug/l

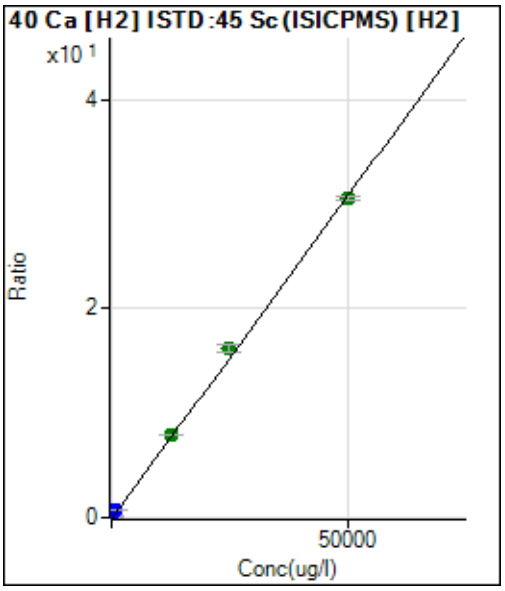
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	22429.95	0.0570	P	0.6	
2	☐	200.000	202.154	43323.91	0.1105	P	1.3	1.1
3	☐	1000.000	1005.503	125591.96	0.3233	P	1.1	0.6
4	☐	12500.00	12752.71	1320497.85	3.4344	P	0.9	2.0
5	☐	25000.00	25532.78	2635108.92	6.8190	P	0.3	2.1
6	☐	50000.00	49670.31	5197008.54	13.2116	A	1.3	-0.7

y = 2.6484E-004 * x + 0.0570
R = 0.9999
DL = 3.574 ug/l
BEC = 215.1 ug/l

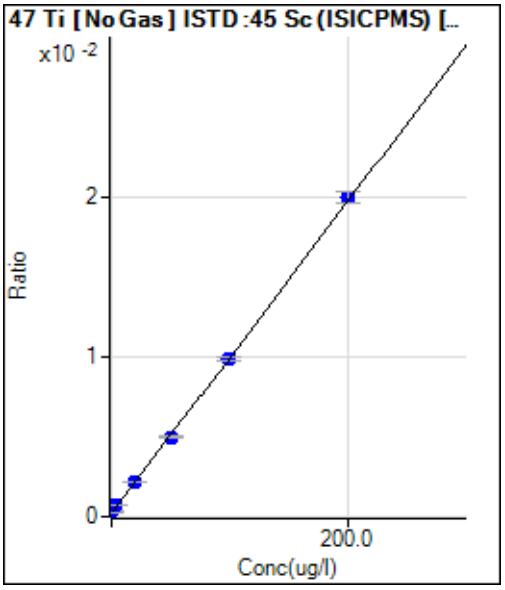
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	116038.09	0.0198	P	0.5	
2	☐	200.000	205.896	852274.49	0.1472	P	2.8	2.9
3	☐	1000.000	1059.535	3894430.98	0.6753	P	1.6	6.0
4	☐	12500.00	12792.78	45876875.42	7.9341	A	0.3	2.3
5	☐	25000.00	26100.12	91693707.52	16.1667	A	4.6	4.4
6	☐	50000.00	49375.52	181486341.7	30.5660	A	1.1	-1.2

y = 6.1865E-004 * x + 0.0198
R = 0.9996
DL = 0.4452 ug/l
BEC = 32 ug/l

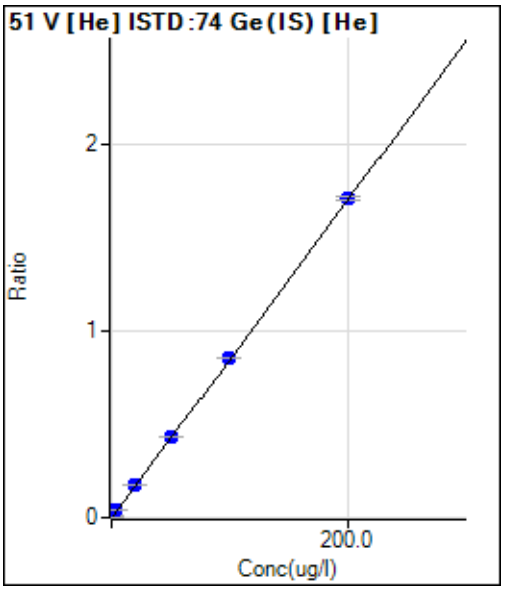
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Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	6769.35	0.0003	P	1.9	
2	☐	4.000	3.769	15174.43	0.0007	P	2.6	-5.8
3	☐	20.000	19.133	48614.82	0.0022	P	2.6	-4.3
4	☐	50.000	47.867	112232.24	0.0050	P	3.0	-4.3
5	☐	100.000	98.083	218304.11	0.0099	P	2.4	-1.9
6	☐	200.000	201.583	444574.45	0.0200	P	4.2	0.8

y = 9.7674E-005 * x + 3.0334E-004
R = 0.9999
DL = 0.179 ug/l
BEC = 3.106 ug/l

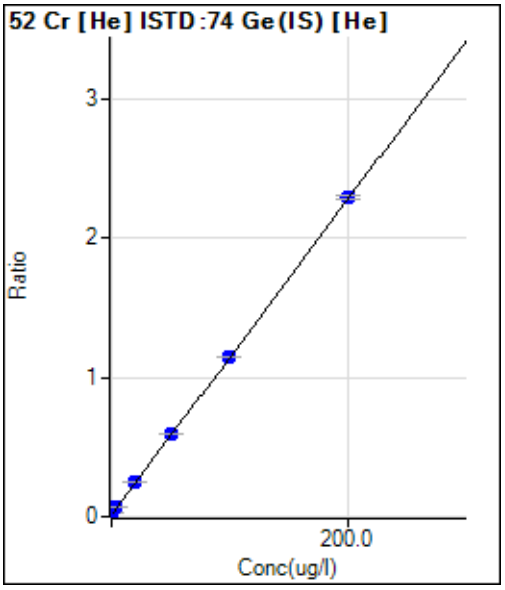
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1218.95	0.0054	P	9.7	
2	☐	4.000	3.891	8691.45	0.0385	P	1.7	-2.7
3	☐	20.000	20.259	39847.07	0.1779	P	0.8	1.3
4	☐	50.000	49.868	98425.31	0.4301	P	1.2	-0.3
5	☐	100.000	99.711	196812.43	0.8546	P	0.4	-0.3
6	☐	200.000	200.154	396655.20	1.7100	P	0.8	0.1

y = 0.0085 * x + 0.0054
R = 1.0000
DL = 0.185 ug/l
BEC = 0.6354 ug/l

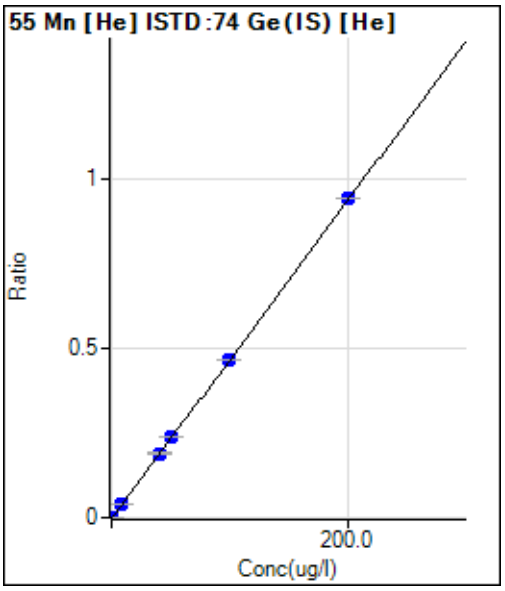
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	5557.72	0.0247	P	2.2	
2	☐	4.000	3.977	15737.19	0.0698	P	1.2	-0.6
3	☐	20.000	20.306	57112.35	0.2550	P	0.2	1.5
4	☐	50.000	50.279	136177.48	0.5951	P	0.9	0.6
5	☐	100.000	99.126	264656.34	1.1492	P	0.5	-0.9
6	☐	200.000	200.337	532903.45	2.2973	P	1.3	0.2

y = 0.0113 * x + 0.0247
R = 1.0000
DL = 0.1418 ug/l
BEC = 2.176 ug/l

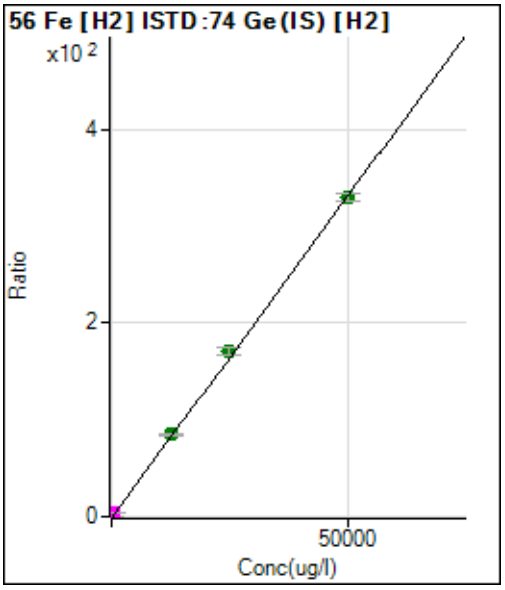
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	313.34	0.0014	P	0.8	
2	☐	8.000	7.791	8578.06	0.0380	P	0.1	-2.6
3	☐	40.000	40.123	42572.48	0.1901	P	1.7	0.3
4	☐	50.000	50.564	54749.44	0.2392	P	0.4	1.1
5	☐	100.000	99.050	107622.01	0.4673	P	0.2	-0.9
6	☐	200.000	200.318	218895.36	0.9437	P	0.5	0.2

y = 0.0047 * x + 0.0014
R = 1.0000
DL = 0.007009 ug/l
BEC = 0.2958 ug/l

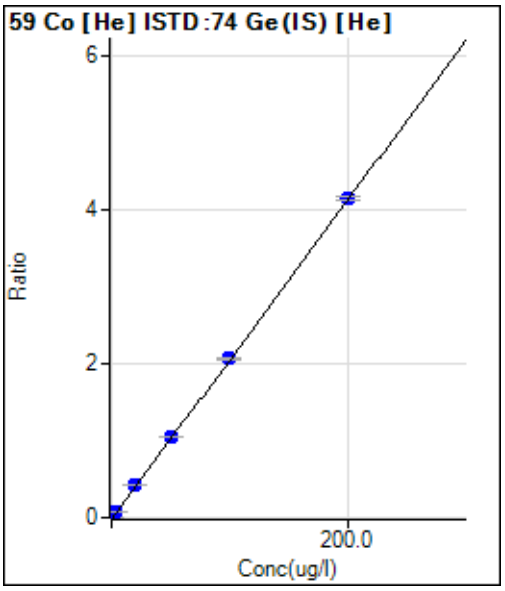
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	118603.21	0.0938	P	0.2	
2	☐	120.000	126.788	1168493.22	0.9386	P	2.5	5.7
3	☐	600.000	649.207	5531654.57	4.4195	M	2.5	8.2
4	☐	12500.00	12721.07	108518103.9	84.8541	A	0.8	1.8
5	☐	25000.00	25794.44	217084263.4	171.961	A	4.6	3.2
6	☐	50000.00	49546.90	425026367.0	330.223	A	2.3	-0.9

y = 0.0067 * x + 0.0938
R = 0.9998
DL = 0.07451 ug/l
BEC = 14.08 ug/l

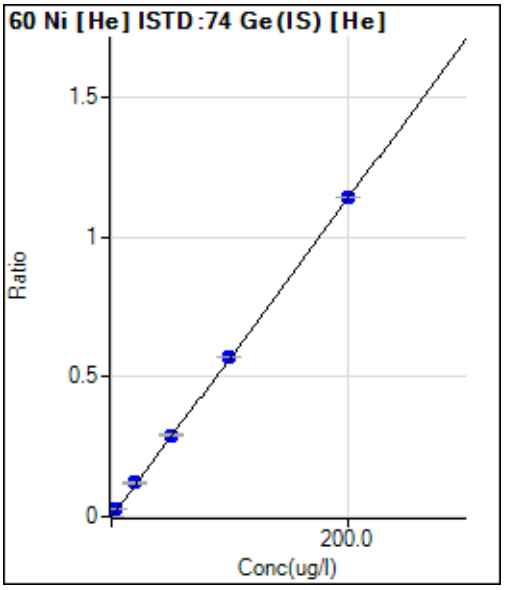
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Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	102.22	0.0005	P	6.7	
2	☐	4.000	3.923	18463.68	0.0819	P	1.5	-1.9
3	☐	20.000	20.243	94192.37	0.4206	P	1.5	1.2
4	☐	50.000	50.589	240427.20	1.0506	P	0.1	1.2
5	☐	100.000	99.537	475931.51	2.0666	P	1.2	-0.5
6	☐	200.000	200.061	963414.52	4.1533	P	0.8	0.0

y = 0.0208 * x + 4.5397E-004
R = 1.0000
DL = 0.00441 ug/l
BEC = 0.02187 ug/l

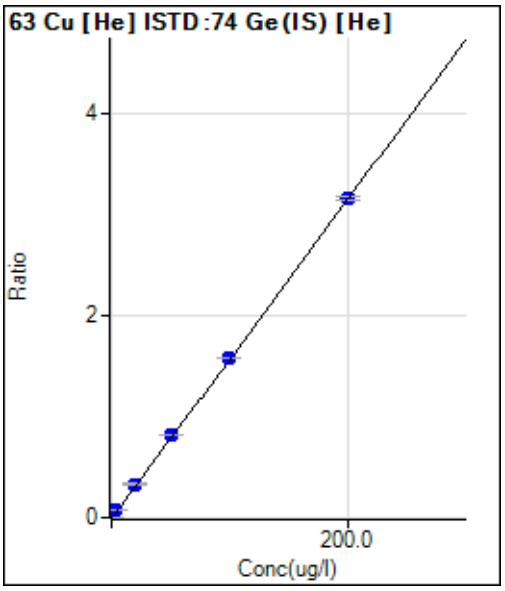
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Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	693.36	0.0031	P	1.6	
2	☐	4.000	4.054	5898.97	0.0262	P	1.7	1.4
3	☐	20.000	20.624	26984.38	0.1205	P	1.7	3.1
4	☐	50.000	50.669	66725.97	0.2916	P	1.0	1.3
5	☐	100.000	99.738	131491.07	0.5710	P	0.6	-0.3
6	☐	200.000	199.900	264727.91	1.1412	P	0.5	-0.1

y = 0.0057 * x + 0.0031
R = 1.0000
DL = 0.02542 ug/l
BEC = 0.5408 ug/l

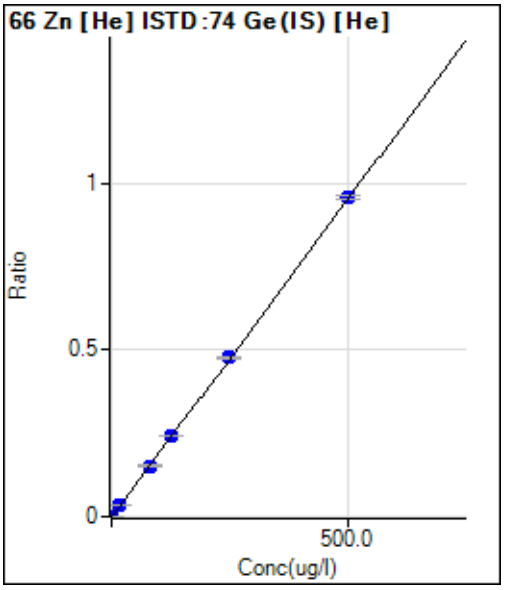
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	894.48	0.0040	P	9.0	
2	☐	4.000	4.132	15642.69	0.0694	P	2.3	3.3
3	☐	20.000	20.736	74372.08	0.3321	P	1.5	3.7
4	☐	50.000	51.436	187190.49	0.8180	P	0.9	2.9
5	☐	100.000	99.942	365167.89	1.5856	P	0.1	-0.1
6	☐	200.000	199.594	733620.65	3.1626	P	0.7	-0.2

y = 0.0158 * x + 0.0040
R = 1.0000
DL = 0.06753 ug/l
BEC = 0.2511 ug/l

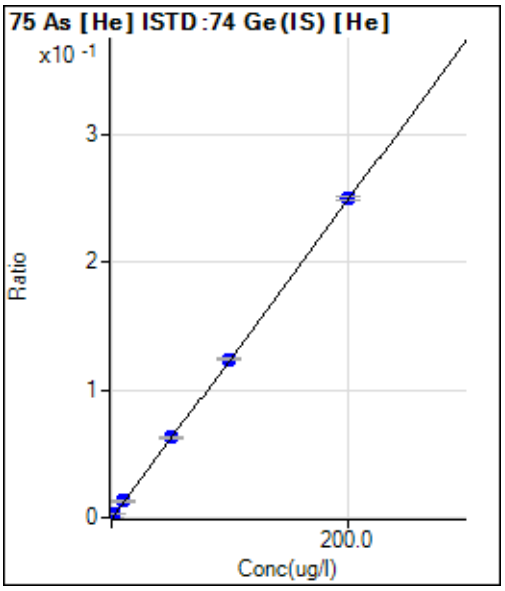
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Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	606.68	0.0027	P	2.1	
2	☐	16.000	15.742	7375.20	0.0327	P	2.4	-1.6
3	☐	80.000	78.682	34198.12	0.1527	P	0.5	-1.6
4	☐	125.000	125.416	55341.34	0.2418	P	0.1	0.3
5	☐	250.000	248.904	109914.88	0.4773	P	0.7	-0.4
6	☐	500.000	500.663	222057.85	0.9573	P	1.0	0.1

y = 0.0019 * x + 0.0027
R = 1.0000
DL = 0.08878 ug/l
BEC = 1.413 ug/l

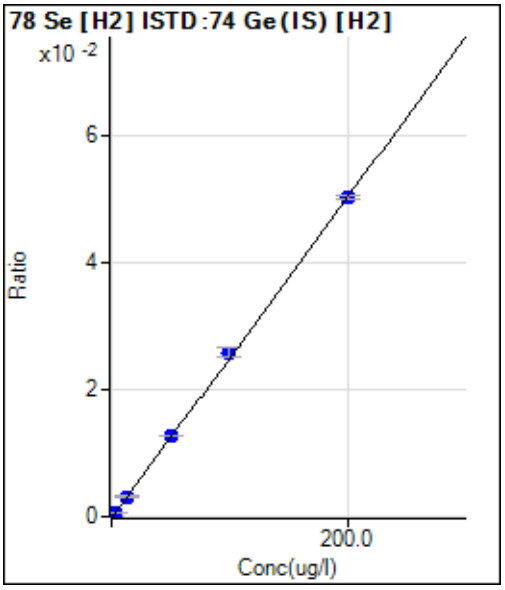
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	40.00	0.0002	P	29.7	
2	☐	2.000	2.100	631.13	0.0028	P	4.3	5.0
3	☐	10.000	10.130	2871.41	0.0128	P	4.8	1.3
4	☐	50.000	50.249	14398.16	0.0629	P	1.5	0.5
5	☐	100.000	99.398	28621.04	0.1243	P	0.6	-0.6
6	☐	200.000	200.231	58030.96	0.2502	P	1.5	0.1

y = 0.0012 * x + 1.7790E-004
R = 1.0000
DL = 0.1271 ug/l
BEC = 0.1425 ug/l

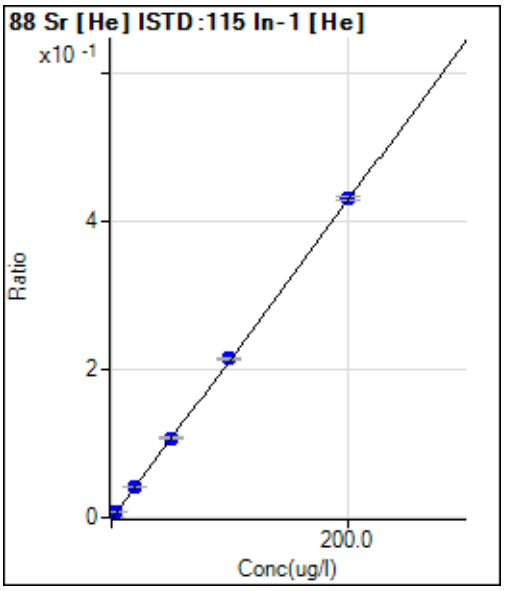
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	5.56	0.0000	P	91.8	
2	☐	2.500	2.361	747.80	0.0006	P	3.8	-5.6
3	☐	12.500	12.449	3940.55	0.0031	P	4.3	-0.4
4	☐	50.000	50.045	16170.01	0.0126	P	1.1	0.1
5	☐	100.000	102.294	32619.33	0.0258	P	4.9	2.3
6	☐	200.000	198.847	64649.84	0.0502	P	1.3	-0.6

y = 2.5256E-004 * x + 4.3736E-006
R = 0.9999
DL = 0.04767 ug/l
BEC = 0.01732 ug/l

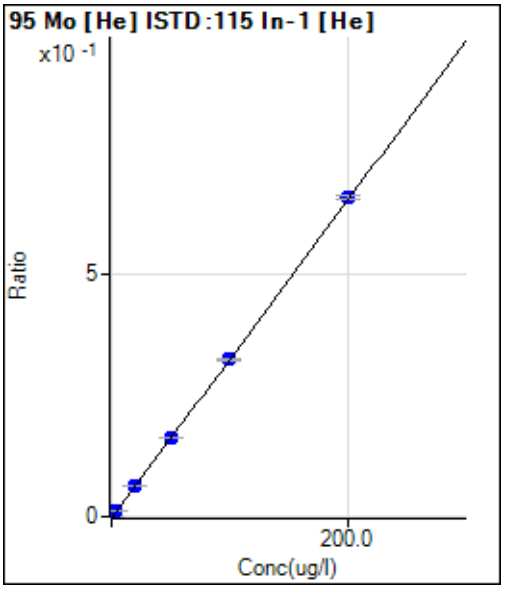
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	56.67	0.0001	P	19.9	
2	☐	4.000	3.788	4364.01	0.0083	P	2.7	-5.3
3	☐	20.000	19.037	21810.72	0.0411	P	1.7	-4.8
4	☐	50.000	49.863	55443.39	0.1075	P	0.9	-0.3
5	☐	100.000	99.610	111528.90	0.2146	P	0.7	-0.4
6	☐	200.000	200.330	223458.40	0.4315	P	1.0	0.2

y = 0.0022 * x + 1.0759E-004
R = 1.0000
DL = 0.02984 ug/l
BEC = 0.04996 ug/l

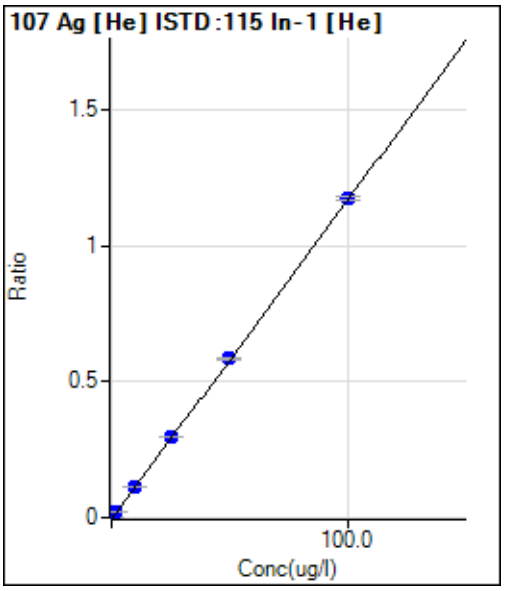
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	114.44	0.0002	P	26.4	
2	☐	4.000	3.766	6621.54	0.0125	P	1.9	-5.8
3	☐	20.000	18.856	32850.32	0.0619	P	1.4	-5.7
4	☐	50.000	49.768	84105.53	0.1630	P	1.3	-0.5
5	☐	100.000	98.891	168257.02	0.3238	P	1.0	-1.1
6	☐	200.000	200.731	340223.20	0.6569	P	1.1	0.4

y = 0.0033 * x + 2.1749E-004
R = 1.0000
DL = 0.05258 ug/l
BEC = 0.06648 ug/l

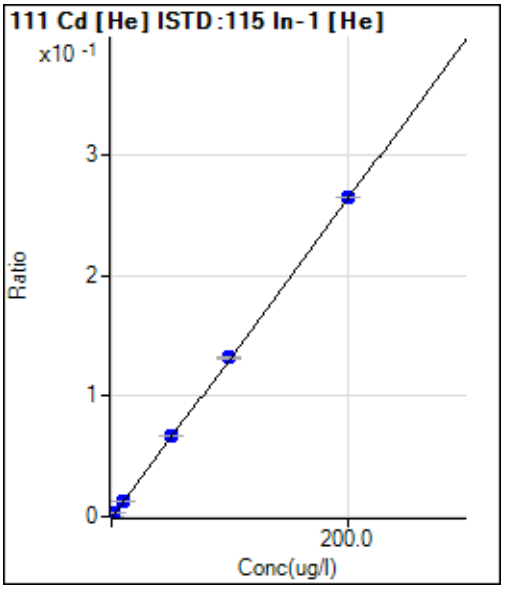
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	30.00	0.0001	P	38.0	
2	☐	2.000	1.903	11857.13	0.0225	P	2.6	-4.8
3	☐	10.000	9.658	60341.91	0.1137	P	0.3	-3.4
4	☐	25.000	25.340	153851.02	0.2982	P	0.4	1.4
5	☐	50.000	49.832	304776.57	0.5865	P	1.0	-0.3
6	☐	100.000	100.035	609657.66	1.1772	P	1.2	0.0

y = 0.0118 * x + 5.6923E-005
R = 1.0000
DL = 0.005516 ug/l
BEC = 0.004837 ug/l

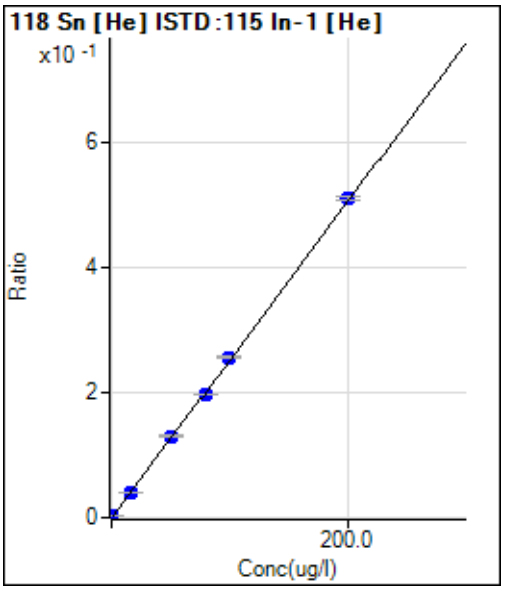
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Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	2.22	0.0000	P	86.6	
2	☐	2.000	1.816	1271.17	0.0024	P	0.9	-9.2
3	☐	10.000	9.504	6674.91	0.0126	P	3.0	-5.0
4	☐	50.000	50.524	34486.69	0.0669	P	0.3	1.0
5	☐	100.000	99.564	68465.06	0.1317	P	0.7	-0.4
6	☐	200.000	200.114	137129.02	0.2648	P	0.4	0.1

y = 0.0013 * x + 4.2215E-006
R = 1.0000
DL = 0.00829 ug/l
BEC = 0.003191 ug/l

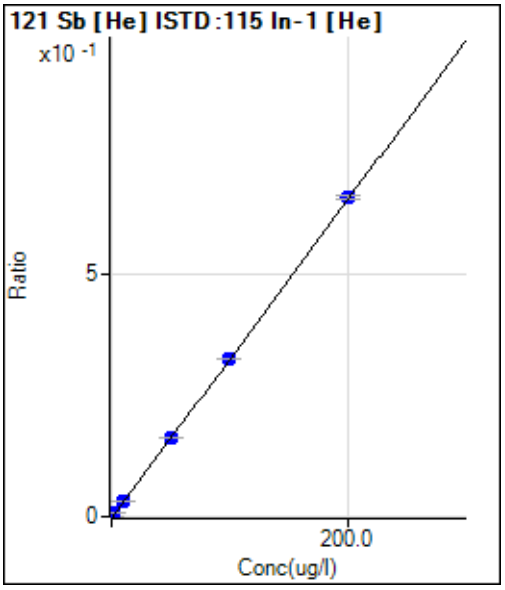
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Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1336.40	0.0025	P	47.3	
2	☐	16.000	15.249	21678.67	0.0410	P	0.8	-4.7
3	☐	80.000	76.987	104509.63	0.1970	P	1.1	-3.8
4	☐	50.000	50.684	67334.72	0.1305	P	0.5	1.4
5	☐	100.000	100.270	132906.94	0.2557	P	1.3	0.3
6	☐	200.000	200.959	264131.86	0.5100	P	0.7	0.5

y = 0.0025 * x + 0.0025
R = 0.9998
DL = 1.427 ug/l
BEC = 1.005 ug/l

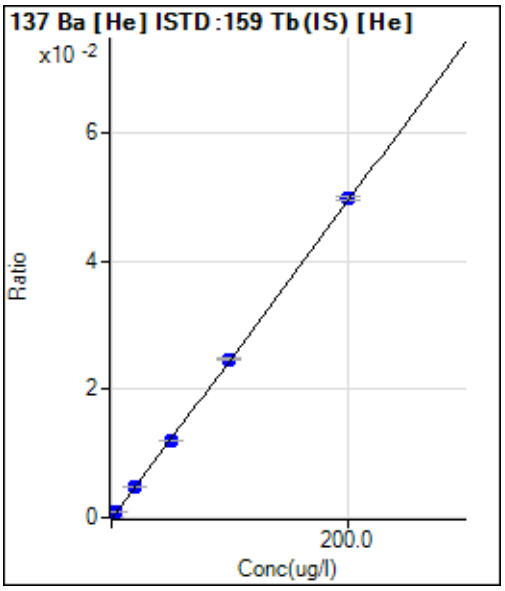
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	77.78	0.0001	P	30.7	
2	☐	2.000	1.841	3270.39	0.0062	P	2.6	-7.9
3	☐	10.000	9.327	16327.14	0.0308	P	2.1	-6.7
4	☐	50.000	49.821	84457.40	0.1637	P	0.2	-0.4
5	☐	100.000	98.974	168954.86	0.3251	P	1.0	-1.0
6	☐	200.000	200.593	341153.61	0.6587	P	0.9	0.3

y = 0.0033 * x + 1.4793E-004
R = 1.0000
DL = 0.04144 ug/l
BEC = 0.04506 ug/l

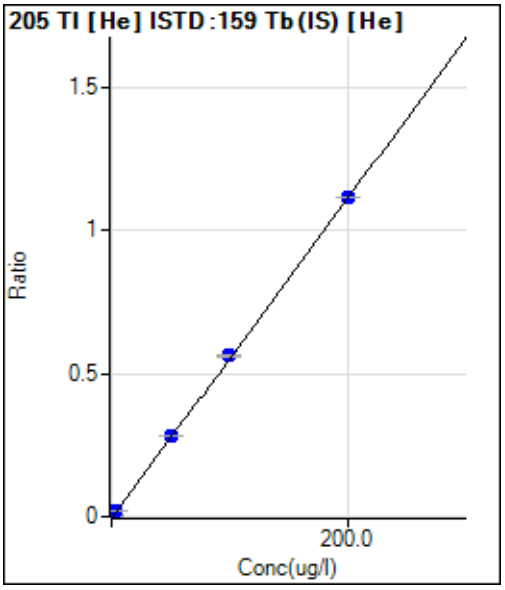
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	35.56	0.0000	P	46.1	
2	☐	4.000	3.797	2167.96	0.0010	P	1.1	-5.1
3	☐	20.000	19.246	10826.41	0.0048	P	1.9	-3.8
4	☐	50.000	48.575	27141.52	0.0121	P	1.1	-2.8
5	☐	100.000	99.403	55321.85	0.0247	P	1.5	-0.6
6	☐	200.000	200.734	111859.60	0.0499	P	0.6	0.4

y = 2.4844E-004 * x + 1.5635E-005
R = 1.0000
DL = 0.08703 ug/l
BEC = 0.06293 ug/l

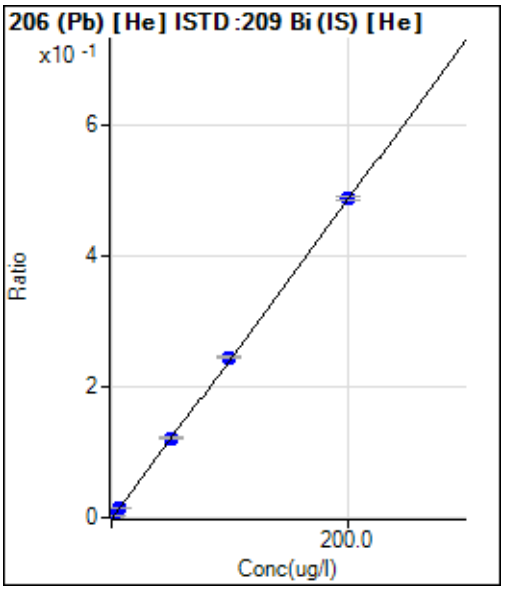
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	158.89	0.0001	P	10.6	
2	☐	0.800	0.770	9883.65	0.0044	P	0.8	-3.8
3	☐	4.000	3.992	50523.67	0.0224	P	0.2	-0.2
4	☐	50.000	50.712	636895.76	0.2836	P	0.5	1.4
5	☐	100.000	100.534	1258362.84	0.5621	P	0.7	0.5
6	☐	200.000	199.555	2501543.52	1.1156	P	0.1	-0.2

y = 0.0056 * x + 6.9921E-005
R = 1.0000
DL = 0.003989 ug/l
BEC = 0.01251 ug/l

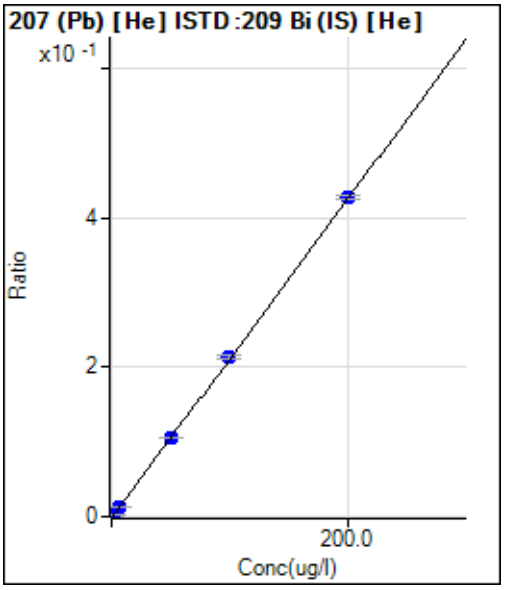
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	420.01	0.0002	P	3.6	
2	☐	1.200	1.133	5157.68	0.0030	P	2.8	-5.6
3	☐	6.000	5.852	24937.38	0.0145	P	1.6	-2.5
4	☐	50.000	49.782	205999.63	0.1218	P	0.9	-0.4
5	☐	100.000	100.189	401774.22	0.2448	P	0.8	0.2
6	☐	200.000	199.965	798651.25	0.4884	P	1.0	0.0

y = 0.0024 * x + 2.4288E-004
R = 1.0000
DL = 0.01087 ug/l
BEC = 0.09949 ug/l

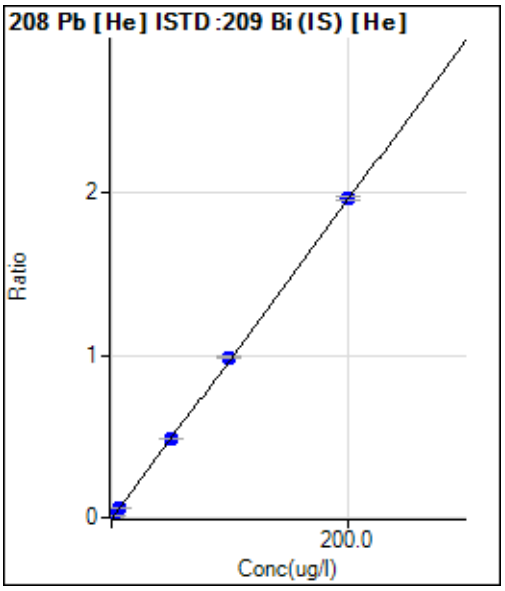
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Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	365.57	0.0002	P	20.1	
2	☐	1.200	1.151	4583.03	0.0027	P	4.1	-4.1
3	☐	6.000	5.778	21586.14	0.0126	P	1.8	-3.7
4	☐	50.000	49.672	180160.15	0.1065	P	0.9	-0.7
5	☐	100.000	100.153	352004.29	0.2145	P	1.8	0.2
6	☐	200.000	200.012	700183.12	0.4282	P	0.9	0.0

y = 0.0021 * x + 2.1158E-004
R = 1.0000
DL = 0.05974 ug/l
BEC = 0.09888 ug/l

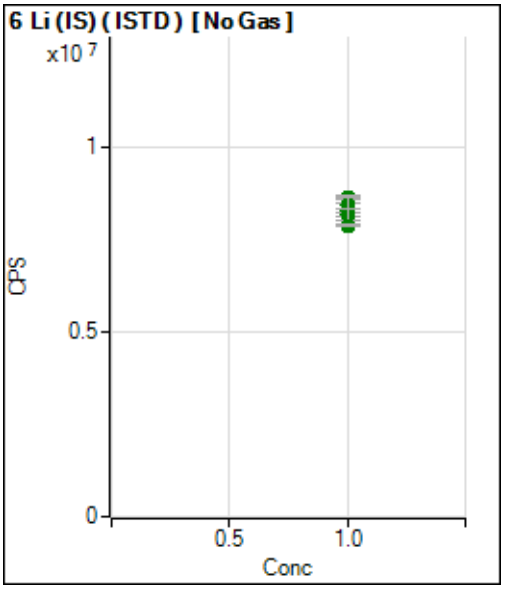
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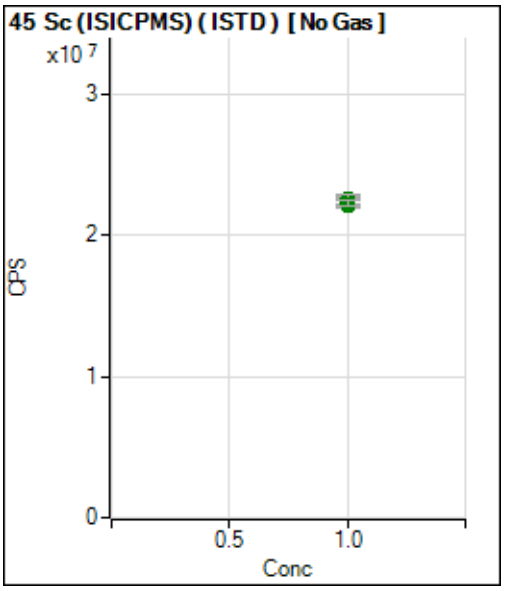
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1647.83	0.0010	P	4.9	
2	☐	1.200	1.141	20889.78	0.0122	P	1.5	-4.9
3	☐	6.000	5.819	99923.91	0.0582	P	1.2	-3.0
4	☐	50.000	49.525	826018.13	0.4883	P	0.6	-0.9
5	☐	100.000	100.150	1618767.66	0.9864	P	1.0	0.2
6	☐	200.000	200.049	3220412.08	1.9695	P	1.3	0.0

y = 0.0098 * x + 9.5302E-004
R = 1.0000
DL = 0.01423 ug/l
BEC = 0.09685 ug/l

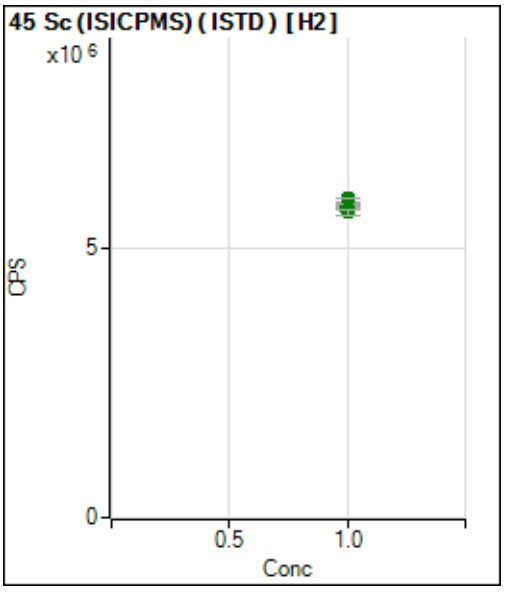
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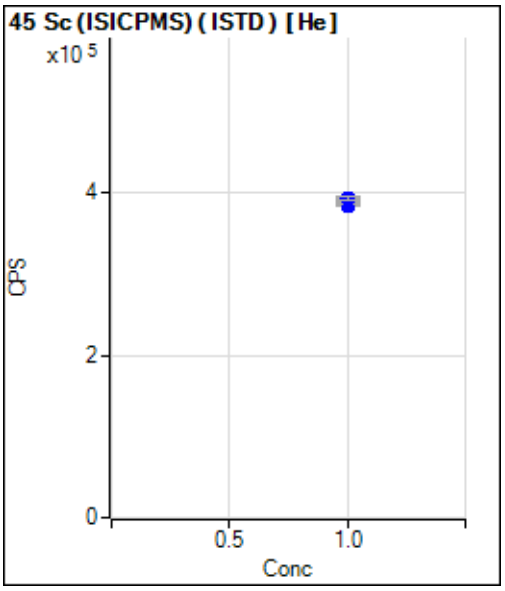
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		8294046.54		A	1.4	
2	☐	1.000		8304970.64		A	4.1	
3	☐	1.000		8646629.45		A	1.0	
4	☐	1.000		8437707.79		A	5.2	
5	☐	1.000		8161104.11		A	3.7	
6	☐	1.000		7869991.13		A	0.7	



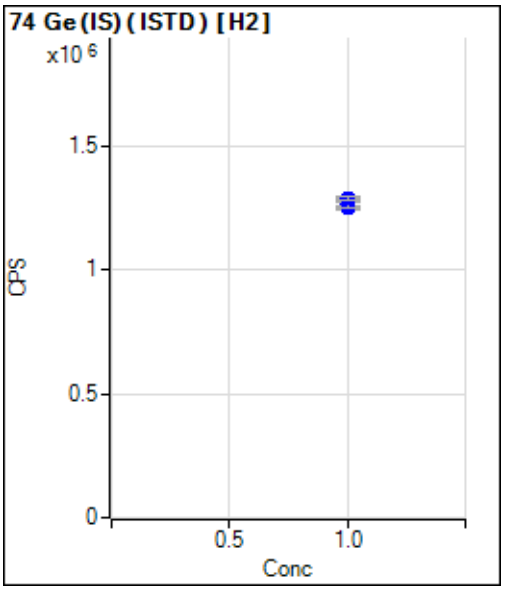
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		22322639.67		A	2.4	
2	☐	1.000		22595146.61		A	0.9	
3	☐	1.000		22390016.89		A	2.4	
4	☐	1.000		22555164.11		A	2.8	
5	☐	1.000		22092469.67		A	1.4	
6	☐	1.000		22246851.34		A	1.6	



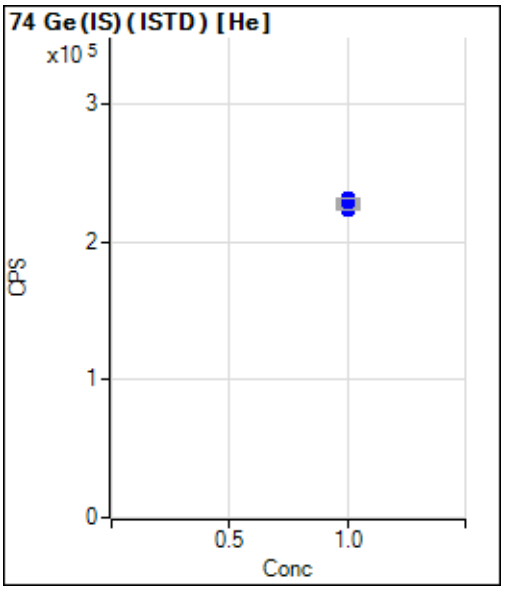
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		5861562.90		A	0.4	
2	☐	1.000		5790445.68		A	0.8	
3	☐	1.000		5766649.70		A	1.0	
4	☐	1.000		5782454.71		A	1.8	
5	☐	1.000		5674959.02		A	2.3	
6	☐	1.000		5937578.25		A	0.1	



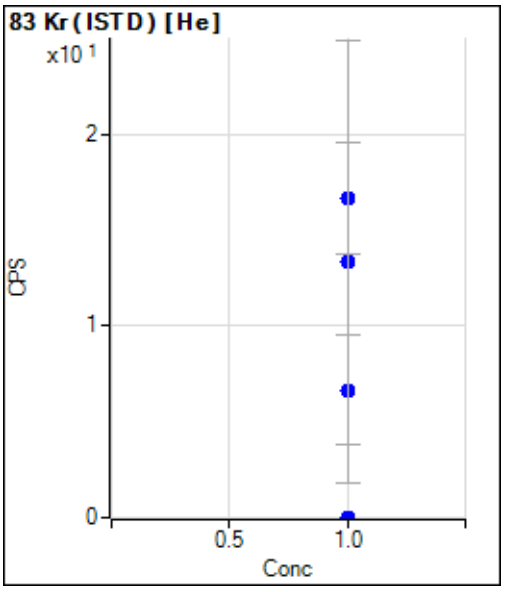
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		393698.74		P	0.8	
2	☐	1.000		392043.09		P	0.5	
3	☐	1.000		388523.97		P	0.7	
4	☐	1.000		384501.07		P	0.3	
5	☐	1.000		386436.88		P	0.4	
6	☐	1.000		393409.61		P	1.2	



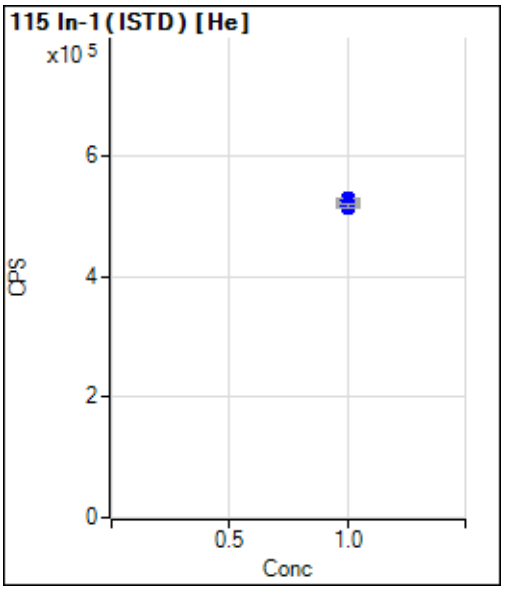
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		1263789.56		P	1.0	
2	☐	1.000		1244718.88		P	1.0	
3	☐	1.000		1251726.33		P	0.6	
4	☐	1.000		1278827.80		P	0.9	
5	☐	1.000		1263139.13		P	2.0	
6	☐	1.000		1287248.76		P	0.8	



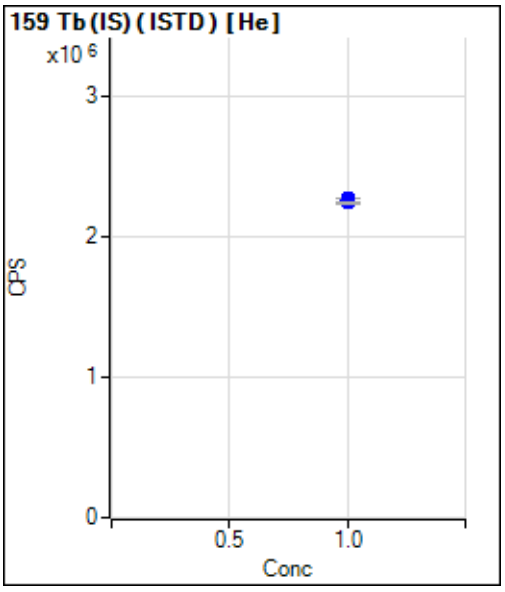
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1	☐	1.000		225177.91		P	0.8	
2	☐	1.000		225492.79		P	0.6	
3	☐	1.000		223935.72		P	0.7	
4	☐	1.000		228854.34		P	0.6	
5	☐	1.000		230303.71		P	0.5	
6	☐	1.000		231965.35		P	0.0	



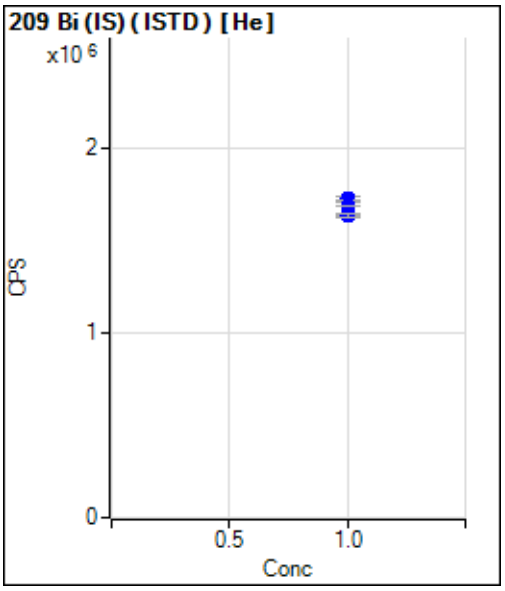
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		6.67		P	86.6	
2	☐	1.000		13.35		P	173.	
3	☐	1.000		0.00		P		
4	☐	1.000		6.67		P	86.6	
5	☐	1.000		16.68		P	34.6	
6	☐	1.000		0.00		P		



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		526395.15		P	0.6	
2	☐	1.000		528141.85		P	1.4	
3	☐	1.000		530648.14		P	0.3	
4	☐	1.000		515855.24		P	0.3	
5	☐	1.000		519726.55		P	1.0	
6	☐	1.000		517916.55		P	1.1	



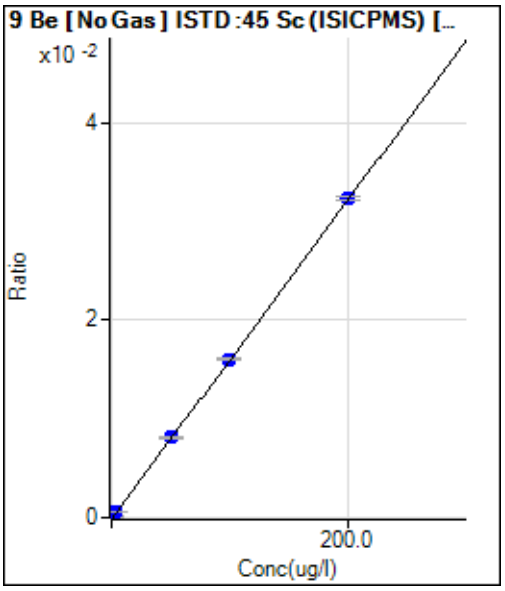
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		2272617.32		P	0.2	
2	☐	1.000		2260560.57		P	0.8	
3	☐	1.000		2256750.38		P	0.9	
4	☐	1.000		2246135.02		P	0.3	
5	☐	1.000		2238927.55		P	1.0	
6	☐	1.000		2242349.60		P	0.6	



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		1729679.16		P	1.2	
2	☐	1.000		1714623.64		P	1.1	
3	☐	1.000		1716464.25		P	0.1	
4	☐	1.000		1691680.39		P	0.1	
5	☐	1.000		1641096.50		P	0.9	
6	☐	1.000		1635329.91		P	1.2	

Batch Folder: C:\Agilent\ICPMH\1\DATA\NM082224.b\
Analysis File: NM082224.batch.bin
DA Date-Time: 2024-08-22 10:15:08
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

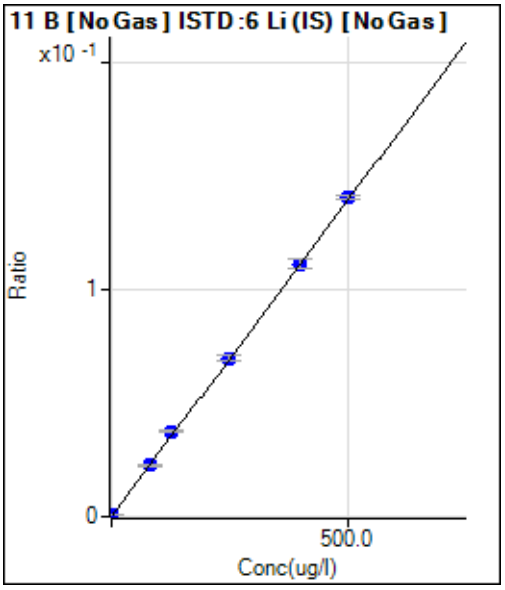
Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	IC Cal Blk	2024-08-22 09:26:18
2	005CALS.d	IC Cal-1	2024-08-22 09:29:32
3	006CALS.d	IC Cal-2	2024-08-22 09:32:11
4	007CALS.d	IC Cal-3	2024-08-22 09:34:50
5	008CALS.d	IC Cal-4	2024-08-22 09:37:26
6	009CALS.d	IC Cal-5	2024-08-22 09:40:02



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	116.66	0.0000	P	23.6	
2	☐	0.800	0.745	2851.39	0.0001	P	2.8	-6.8
3	☐	4.000	3.822	13996.38	0.0006	P	2.0	-4.4
4	☐	50.000	50.354	184421.43	0.0081	P	2.6	0.7
5	☐	100.000	99.326	358244.80	0.0160	P	1.3	-0.7
6	☐	200.000	200.253	711873.82	0.0323	P	1.0	0.1

y = 1.6150E-004 * x + 5.1874E-006
R = 1.0000
DL = 0.02279 ug/l
BEC = 0.03212 ug/l

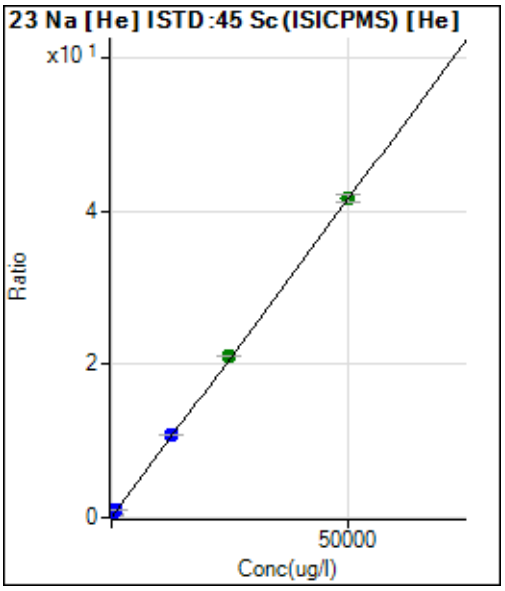
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	7685.29	0.0009	P	2.5	
2	☐	80.000	77.791	199789.25	0.0225	P	3.0	-2.8
3	☐	400.000	396.982	973812.15	0.1115	P	4.4	-0.8
4	☐	125.000	132.329	327056.43	0.0377	P	1.6	5.9
5	☐	250.000	247.325	622875.51	0.0698	P	3.0	-1.1
6	☐	500.000	502.273	1242250.88	0.1408	P	1.2	0.5

y = 2.7860E-004 * x + 8.6166E-004
R = 0.9998
DL = 0.2315 ug/l
BEC = 3.093 ug/l

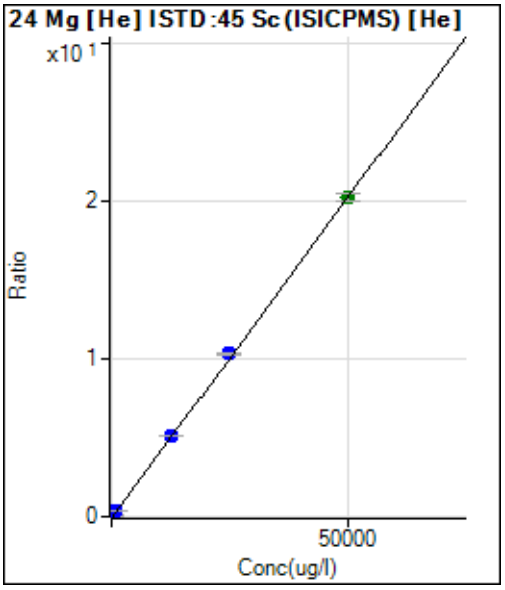
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	82336.28	0.2465	P	0.2	
2	☐	200.000	200.966	138749.49	0.4133	P	0.8	0.5
3	☐	1000.000	1001.832	358433.53	1.0780	P	0.5	0.2
4	☐	12500.00	12712.89	3609936.86	10.7974	P	0.9	1.7
5	☐	25000.00	25029.05	6919573.02	21.0191	A	0.4	0.1
6	☐	50000.00	49932.20	13536099.38	41.6871	A	2.0	-0.1

y = 8.2994E-004 * x + 0.2465
R = 1.0000
DL = 1.448 ug/l
BEC = 297 ug/l

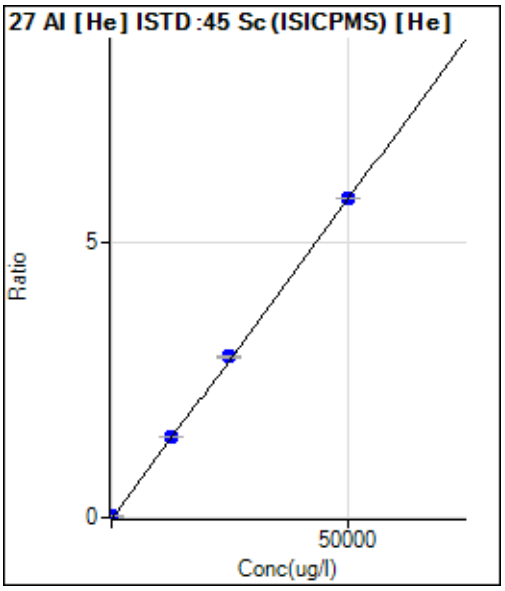
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	557.79	0.0017	P	3.4	
2	☐	200.000	198.344	27624.95	0.0823	P	0.9	-0.8
3	☐	1000.000	997.392	135353.55	0.4071	P	1.0	-0.3
4	☐	12500.00	12612.20	1714491.54	5.1281	P	0.8	0.9
5	☐	25000.00	25376.73	3396173.21	10.3165	P	0.8	1.5
6	☐	50000.00	49783.64	6571058.10	20.2371	A	2.0	-0.4

y = 4.0647E-004 * x + 0.0017
R = 1.0000
DL = 0.4195 ug/l
BEC = 4.108 ug/l

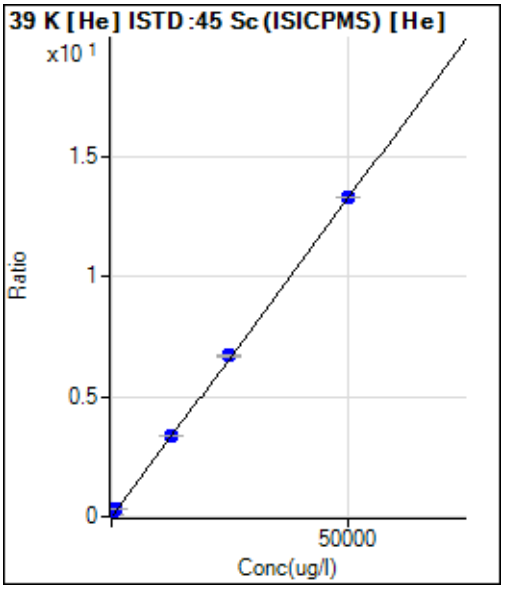
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	201.11	0.0006	P	11.1	
2	☐	40.000	37.396	1664.55	0.0050	P	3.4	-6.5
3	☐	200.000	202.166	8029.92	0.0241	P	0.9	1.1
4	☐	12500.00	12576.16	489956.68	1.4654	P	0.2	0.6
5	☐	25000.00	25120.11	963419.75	2.9265	P	0.6	0.5
6	☐	50000.00	49920.89	1888320.80	5.8153	P	0.3	-0.2

y = 1.1648E-004 * x + 6.0219E-004
R = 1.0000
DL = 1.723 ug/l
BEC = 5.17 ug/l

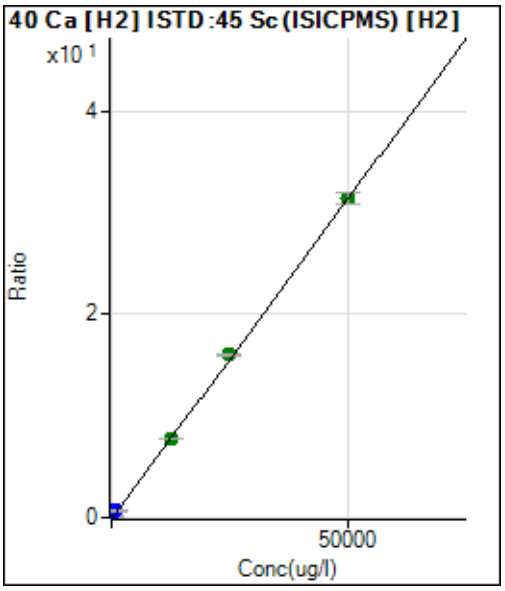
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	16036.32	0.0480	P	1.8	
2	☐	200.000	206.657	34548.16	0.1029	P	1.3	3.3
3	☐	1000.000	1014.057	105526.52	0.3174	P	0.3	1.4
4	☐	12500.00	12587.47	1133892.76	3.3915	P	0.5	0.7
5	☐	25000.00	25055.00	2206678.15	6.7030	P	0.4	0.2
6	☐	50000.00	49950.31	4323819.90	13.3156	P	0.5	-0.1

y = 2.6562E-004 * x + 0.0480
R = 1.0000
DL = 9.868 ug/l
BEC = 180.8 ug/l

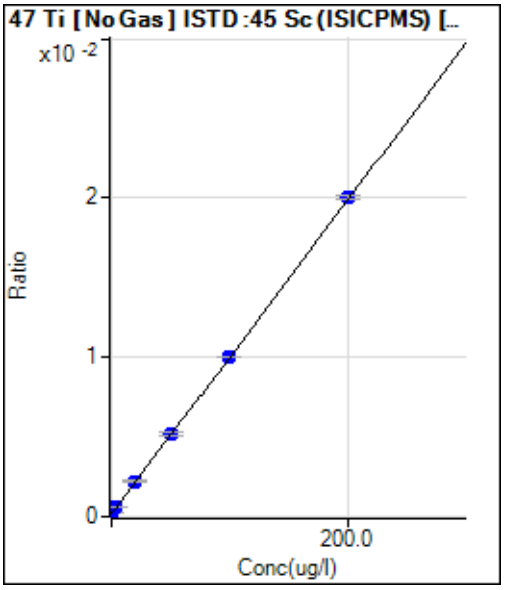
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	110679.43	0.0203	P	2.3	
2	☐	200.000	206.749	816850.87	0.1505	P	2.3	3.4
3	☐	1000.000	1030.502	3701880.68	0.6690	P	3.5	3.1
4	☐	12500.00	12321.11	43428320.46	7.7756	A	1.5	-1.4
5	☐	25000.00	25369.50	84959154.84	15.9886	A	0.5	1.5
6	☐	50000.00	49859.33	169532534.1	31.4031	A	4.1	-0.3

y = 6.2943E-004 * x + 0.0203
R = 1.0000
DL = 2.242 ug/l
BEC = 32.31 ug/l

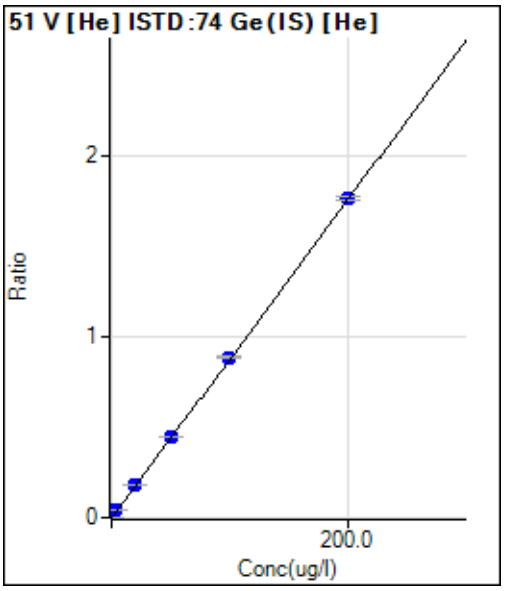
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Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	6205.76	0.0003	P	2.6	
2	☐	4.000	3.806	14797.31	0.0007	P	1.2	-4.8
3	☐	20.000	19.582	49601.35	0.0022	P	3.1	-2.1
4	☐	50.000	49.888	117681.04	0.0052	P	2.5	-0.2
5	☐	100.000	98.896	223731.96	0.0100	P	0.2	-1.1
6	☐	200.000	200.626	441154.82	0.0200	P	1.7	0.3

y = 9.8541E-005 * x + 2.7660E-004
R = 1.0000
DL = 0.218 ug/l
BEC = 2.807 ug/l

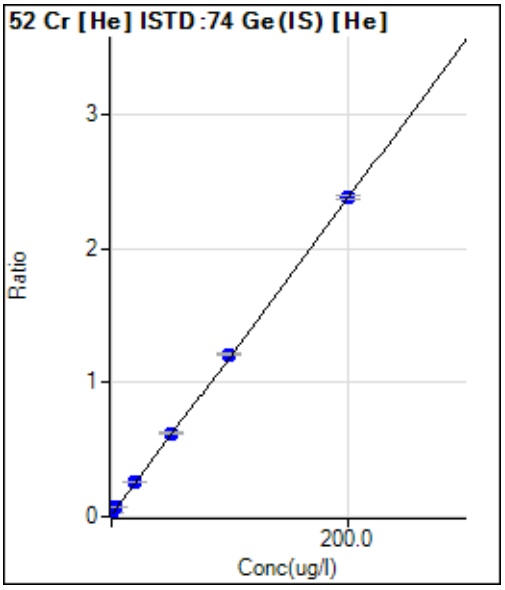
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	940.04	0.0048	P	10.7	
2	☐	4.000	4.095	8022.17	0.0408	P	1.2	2.4
3	☐	20.000	20.051	35655.59	0.1810	P	1.9	0.3
4	☐	50.000	50.232	90177.42	0.4462	P	0.6	0.5
5	☐	100.000	99.966	176194.98	0.8832	P	1.1	0.0
6	☐	200.000	199.952	346801.70	1.7618	P	0.9	0.0

y = 0.0088 * x + 0.0048
R = 1.0000
DL = 0.1759 ug/l
BEC = 0.5466 ug/l

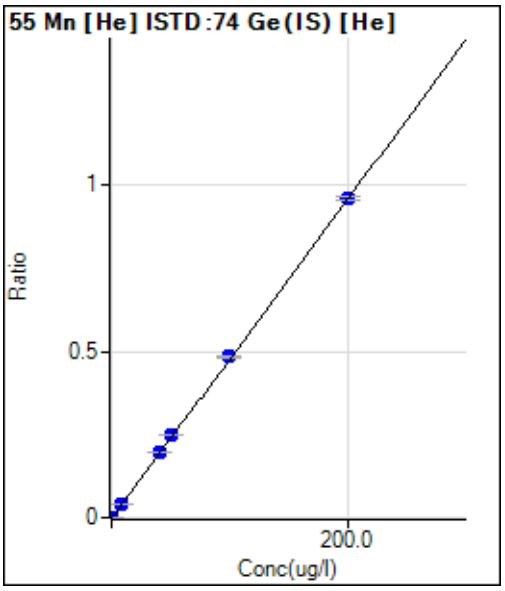
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Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	4834.14	0.0247	P	3.3	
2	☐	4.000	4.039	14235.66	0.0724	P	0.2	1.0
3	☐	20.000	20.255	51968.35	0.2638	P	0.5	1.3
4	☐	50.000	50.624	125758.31	0.6223	P	0.8	1.2
5	☐	100.000	100.430	241422.02	1.2102	P	0.6	0.4
6	☐	200.000	199.603	468642.53	2.3808	P	0.6	-0.2

y = 0.0118 * x + 0.0247
R = 1.0000
DL = 0.2057 ug/l
BEC = 2.092 ug/l

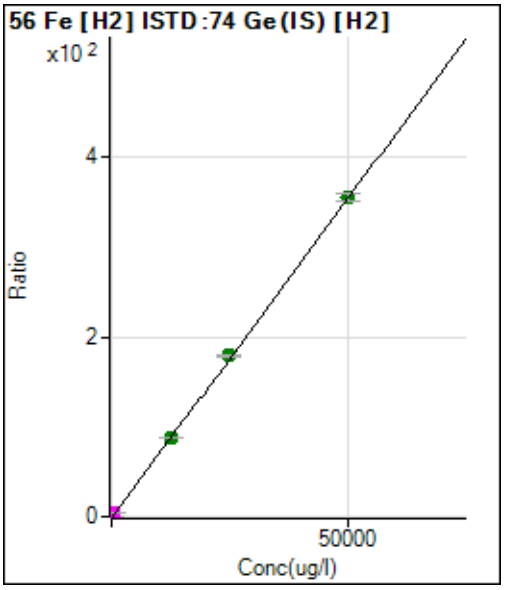
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	395.56	0.0020	P	4.8	
2	☐	8.000	8.106	8054.42	0.0409	P	1.4	1.3
3	☐	40.000	40.100	38333.29	0.1946	P	0.6	0.2
4	☐	50.000	51.134	50029.80	0.2476	P	1.0	2.3
5	☐	100.000	100.382	96561.91	0.4840	P	0.6	0.4
6	☐	200.000	199.501	188963.55	0.9600	P	0.8	-0.2

y = 0.0048 * x + 0.0020
R = 1.0000
DL = 0.06035 ug/l
BEC = 0.4208 ug/l

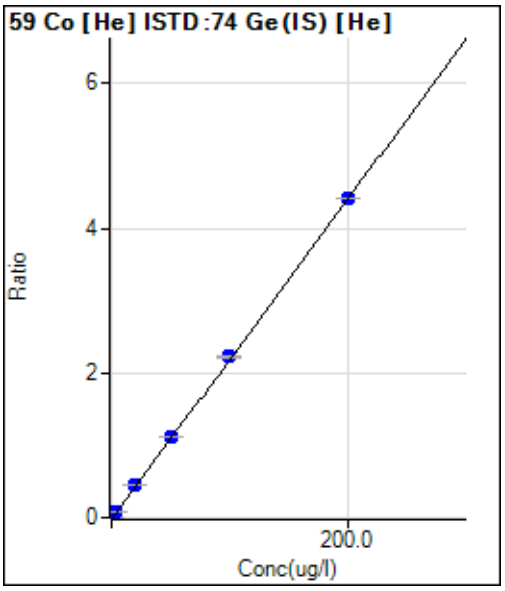
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Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	131829.97	0.1110	P	1.3	
2	☐	120.000	127.801	1198716.75	1.0197	P	1.5	6.5
3	☐	600.000	628.931	5481213.74	4.5829	M	2.6	4.8
4	☐	12500.00	12318.47	107651586.1	87.7004	A	0.4	-1.5
5	☐	25000.00	25191.43	211263923.5	179.232	A	0.9	0.8
6	☐	50000.00	49949.29	419782509.3	355.271	A	2.3	-0.1

y = 0.0071 * x + 0.1110
R = 1.0000
DL = 0.5983 ug/l
BEC = 15.61 ug/l

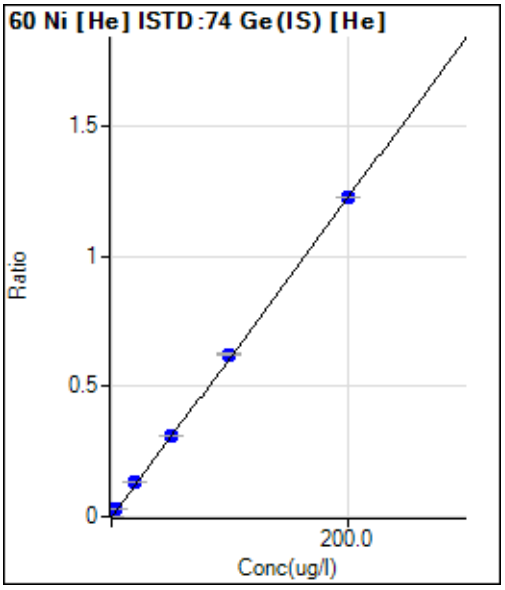
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Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	197.78	0.0010	P	16.9	
2	☐	4.000	4.084	17978.61	0.0914	P	0.6	2.1
3	☐	20.000	20.335	88858.81	0.4510	P	1.4	1.7
4	☐	50.000	50.428	225754.51	1.1170	P	0.8	0.9
5	☐	100.000	100.664	444634.16	2.2288	P	1.0	0.7
6	☐	200.000	199.526	869416.33	4.4167	P	0.6	-0.2

y = 0.0221 * x + 0.0010
R = 1.0000
DL = 0.02311 ug/l
BEC = 0.04561 ug/l

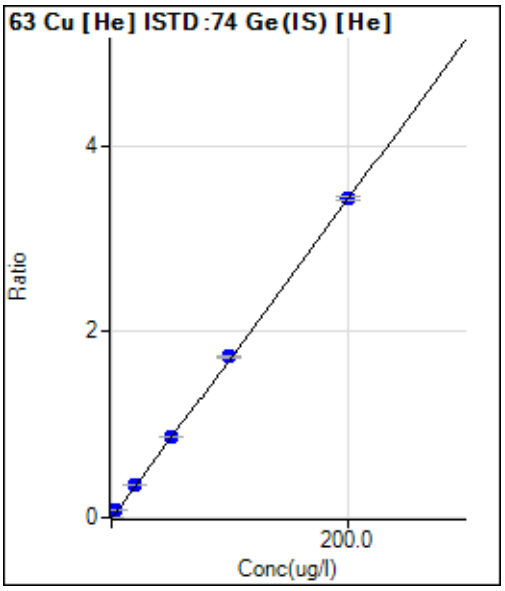
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Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	583.35	0.0030	P	4.6	
2	☐	4.000	4.244	5710.01	0.0290	P	2.7	6.1
3	☐	20.000	20.740	25669.85	0.1303	P	1.2	3.7
4	☐	50.000	50.504	63261.09	0.3130	P	0.6	1.0
5	☐	100.000	100.818	124062.74	0.6219	P	1.0	0.8
6	☐	200.000	199.386	241524.13	1.2270	P	0.5	-0.3

y = 0.0061 * x + 0.0030
R = 1.0000
DL = 0.06635 ug/l
BEC = 0.4853 ug/l

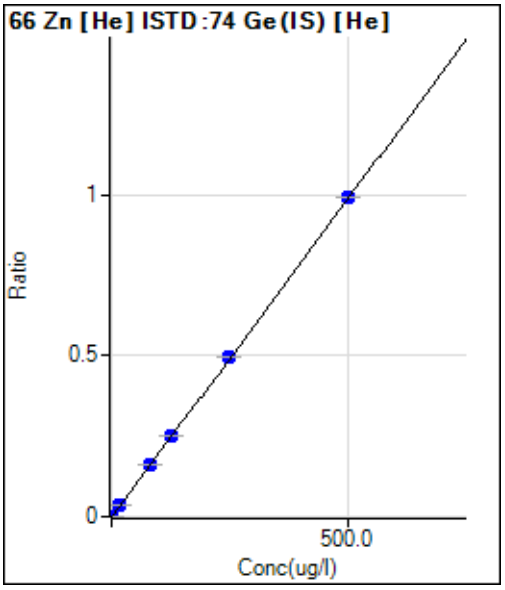
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	885.59	0.0045	P	4.4	
2	☐	4.000	4.092	14742.89	0.0750	P	1.7	2.3
3	☐	20.000	20.649	70912.13	0.3599	P	0.5	3.2
4	☐	50.000	50.801	177627.55	0.8789	P	0.1	1.6
5	☐	100.000	100.279	345222.71	1.7305	P	1.1	0.3
6	☐	200.000	199.593	677127.10	3.4399	P	0.8	-0.2

y = 0.0172 * x + 0.0045
R = 1.0000
DL = 0.03495 ug/l
BEC = 0.2627 ug/l

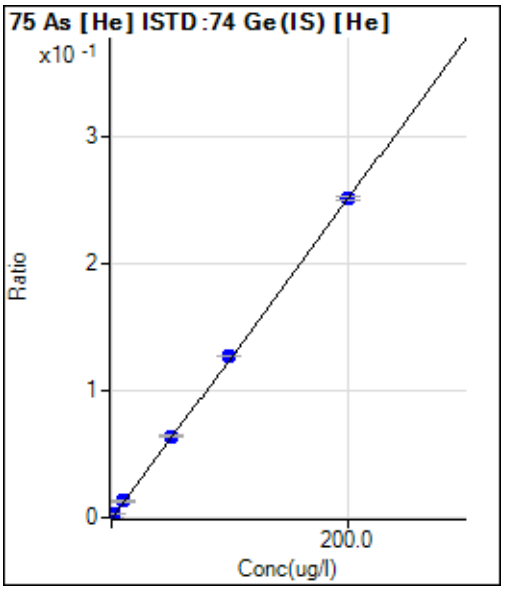
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	515.57	0.0026	P	13.9	
2	☐	16.000	15.639	6608.18	0.0336	P	1.9	-2.3
3	☐	80.000	79.283	31445.40	0.1596	P	1.2	-0.9
4	☐	125.000	126.826	51282.44	0.2537	P	0.3	1.5
5	☐	250.000	248.817	98807.60	0.4953	P	0.5	-0.5
6	☐	500.000	500.261	195495.05	0.9931	P	0.4	0.1

y = 0.0020 * x + 0.0026
R = 1.0000
DL = 0.5542 ug/l
BEC = 1.329 ug/l

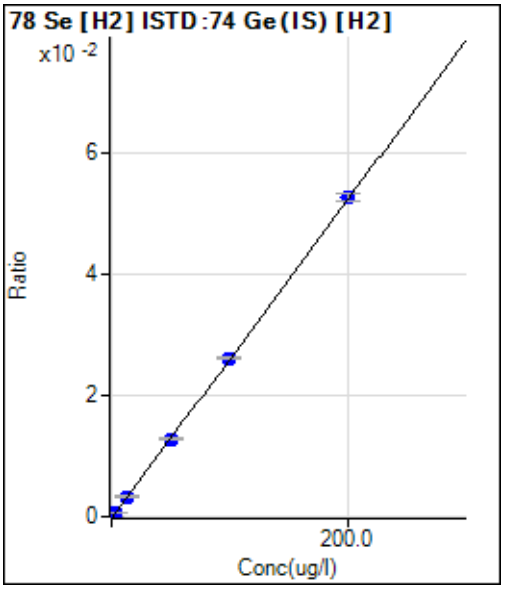
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	26.67	0.0001	P	11.9	
2	☐	2.000	1.983	517.79	0.0026	P	6.9	-0.9
3	☐	10.000	10.125	2538.01	0.0129	P	2.9	1.3
4	☐	50.000	50.641	12912.34	0.0639	P	2.5	1.3
5	☐	100.000	100.792	25341.74	0.1270	P	0.6	0.8
6	☐	200.000	199.437	49452.38	0.2512	P	0.8	-0.3

y = 0.0013 * x + 1.3613E-004
R = 1.0000
DL = 0.03866 ug/l
BEC = 0.1081 ug/l

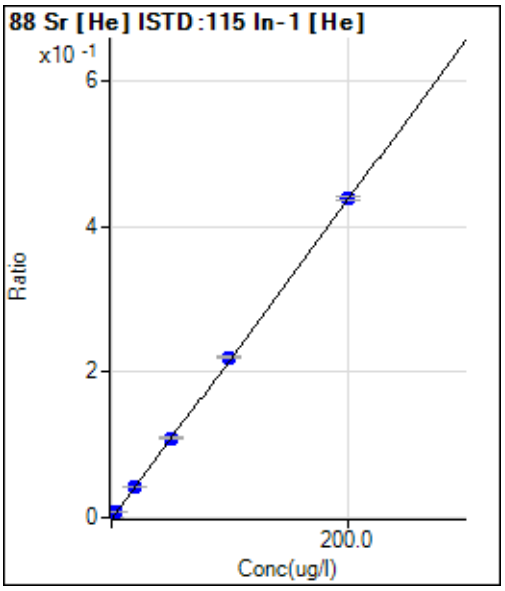
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	5.55	0.0000	P	69.1	
2	☐	2.500	2.408	747.80	0.0006	P	9.5	-3.7
3	☐	12.500	12.660	3978.34	0.0033	P	2.5	1.3
4	☐	50.000	48.738	15695.07	0.0128	P	2.2	-2.5
5	☐	100.000	99.604	30792.14	0.0261	P	2.2	-0.4
6	☐	200.000	200.505	62124.74	0.0526	P	2.8	0.3

y = 2.6222E-004 * x + 4.6701E-006
R = 1.0000
DL = 0.03694 ug/l
BEC = 0.01781 ug/l

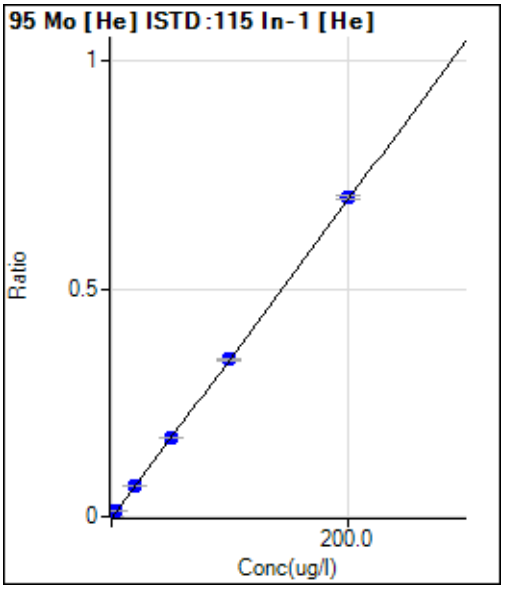
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	38.89	0.0001	P	25.9	
2	☐	4.000	3.936	4010.58	0.0087	P	5.8	-1.6
3	☐	20.000	19.491	19793.44	0.0429	P	2.0	-2.5
4	☐	50.000	49.832	49953.77	0.1095	P	1.4	-0.3
5	☐	100.000	100.185	99016.63	0.2200	P	1.2	0.2
6	☐	200.000	200.002	192553.29	0.4391	P	0.7	0.0

y = 0.0022 * x + 8.3977E-005
R = 1.0000
DL = 0.02967 ug/l
BEC = 0.03825 ug/l

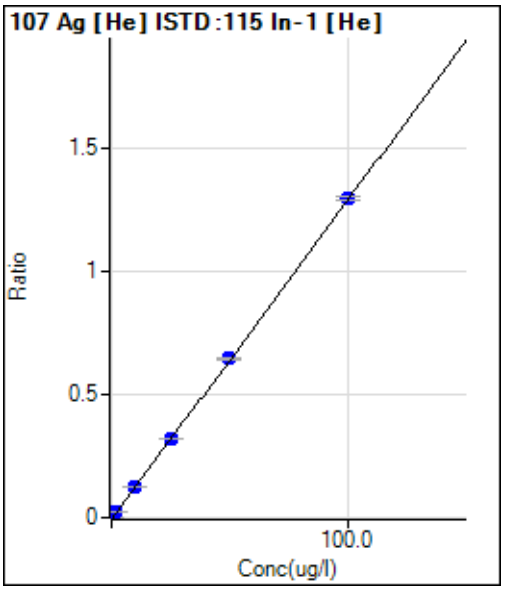
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	88.89	0.0002	P	21.7	
2	☐	4.000	3.795	6184.68	0.0135	P	2.5	-5.1
3	☐	20.000	19.036	30805.85	0.0667	P	1.8	-4.8
4	☐	50.000	49.530	79075.36	0.1733	P	0.8	-0.9
5	☐	100.000	98.922	155679.11	0.3459	P	1.2	-1.1
6	☐	200.000	200.757	307747.46	0.7018	P	1.0	0.4

y = 0.0035 * x + 1.9193E-004
R = 1.0000
DL = 0.03568 ug/l
BEC = 0.05492 ug/l

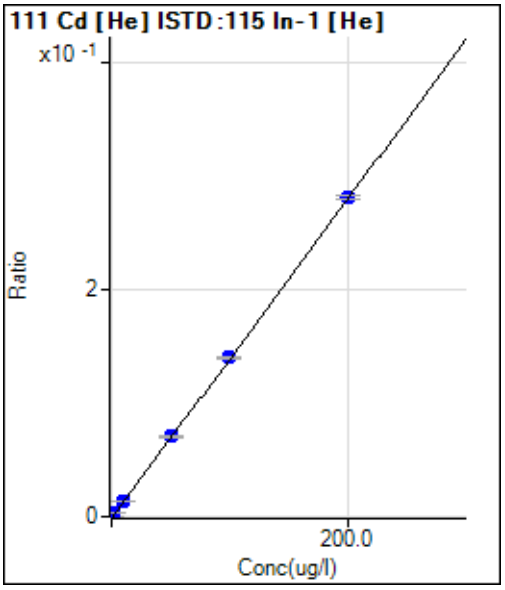
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Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	30.00	0.0001	P	11.4	
2	☐	2.000	1.933	11517.98	0.0251	P	0.3	-3.3
3	☐	10.000	9.713	58004.66	0.1256	P	0.9	-2.9
4	☐	25.000	24.909	146965.70	0.3221	P	0.9	-0.4
5	☐	50.000	49.937	290562.47	0.6456	P	0.9	-0.1
6	☐	100.000	100.084	567370.72	1.2939	P	0.7	0.1

y = 0.0129 * x + 6.4825E-005
R = 1.0000
DL = 0.001715 ug/l
BEC = 0.005015 ug/l

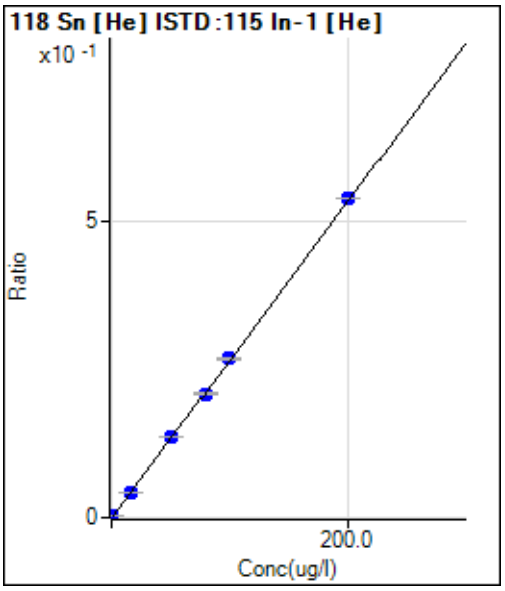
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1.11	0.0000	P	173.	
2	☐	2.000	1.922	1242.28	0.0027	P	5.1	-3.9
3	☐	10.000	9.729	6313.64	0.0137	P	1.3	-2.7
4	☐	50.000	50.308	32259.33	0.0707	P	2.0	0.6
5	☐	100.000	99.692	63049.29	0.1401	P	1.1	-0.3
6	☐	200.000	200.091	123292.50	0.2812	P	0.9	0.0

y = 0.0014 * x + 2.3969E-006
R = 1.0000
DL = 0.008863 ug/l
BEC = 0.001706 ug/l

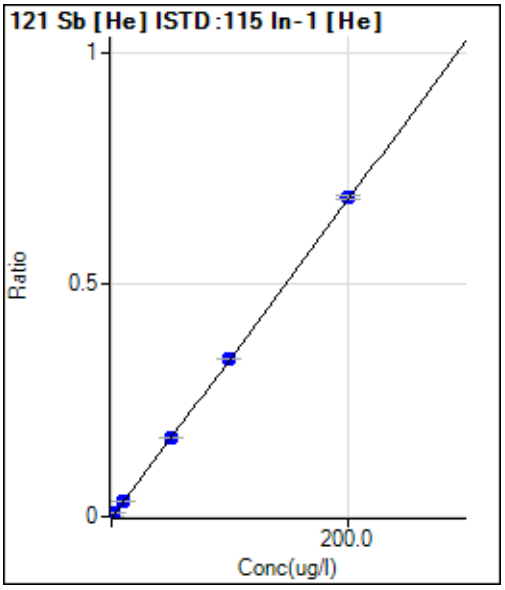
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	843.36	0.0018	P	13.0	
2	☐	16.000	15.442	19781.47	0.0430	P	2.9	-3.5
3	☐	80.000	77.638	96533.02	0.2091	P	0.7	-3.0
4	☐	50.000	50.308	62109.16	0.1361	P	1.6	0.6
5	☐	100.000	99.626	120504.62	0.2678	P	1.3	-0.4
6	☐	200.000	201.100	236205.64	0.5386	P	0.5	0.5

y = 0.0027 * x + 0.0018
R = 0.9999
DL = 0.2669 ug/l
BEC = 0.6828 ug/l

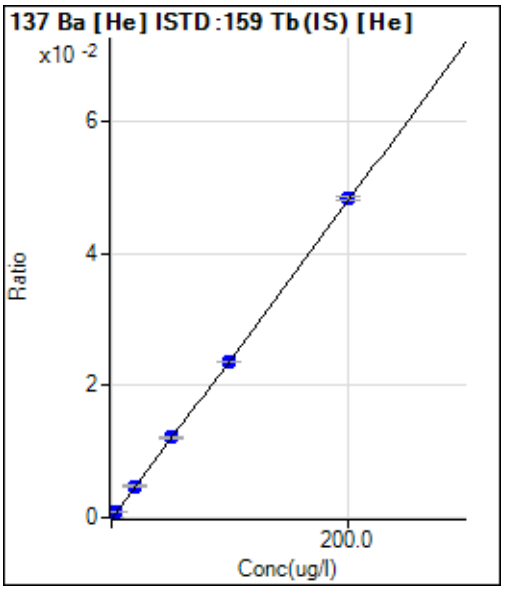
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	71.11	0.0002	P	30.1	
2	☐	2.000	1.908	3074.80	0.0067	P	2.5	-4.6
3	☐	10.000	9.274	14737.61	0.0319	P	0.6	-7.3
4	☐	50.000	49.442	77346.39	0.1695	P	0.5	-1.1
5	☐	100.000	98.918	152558.22	0.3390	P	0.2	-1.1
6	☐	200.000	200.718	301528.82	0.6877	P	0.7	0.4

y = 0.0034 * x + 1.5362E-004
R = 1.0000
DL = 0.04047 ug/l
BEC = 0.04485 ug/l

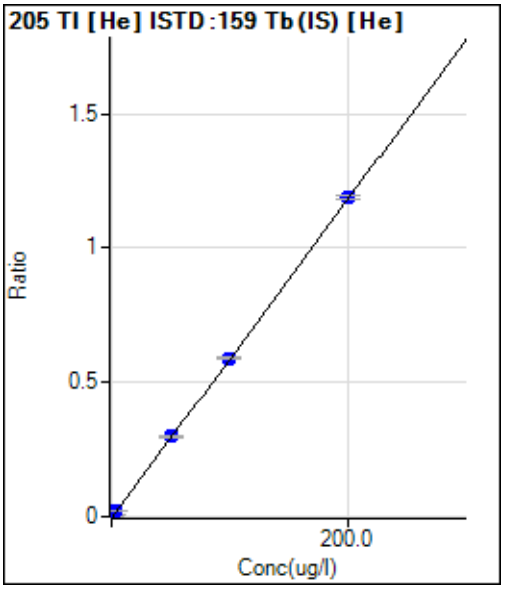
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	33.33	0.0000	P	55.7	
2	☐	4.000	3.925	1979.04	0.0010	P	5.0	-1.9
3	☐	20.000	19.860	9861.27	0.0048	P	2.7	-0.7
4	☐	50.000	50.232	24946.45	0.0121	P	0.8	0.5
5	☐	100.000	98.238	48347.68	0.0237	P	0.2	-1.8
6	☐	200.000	200.839	96892.36	0.0484	P	0.7	0.4

y = 2.4100E-004 * x + 1.6179E-005
R = 0.9999
DL = 0.1121 ug/l
BEC = 0.06713 ug/l

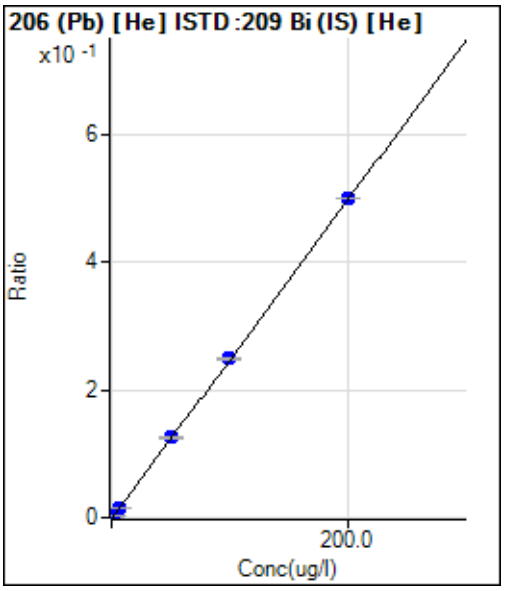
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Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1366.75	0.0007	P	5.4	
2	☐	0.800	0.780	10887.75	0.0053	P	2.2	-2.5
3	☐	4.000	3.958	49618.13	0.0242	P	0.3	-1.1
4	☐	50.000	50.000	612291.42	0.2975	P	0.6	0.0
5	☐	100.000	99.372	1205363.64	0.5906	P	0.4	-0.6
6	☐	200.000	200.315	2381256.84	1.1899	P	1.1	0.2

y = 0.0059 * x + 6.6314E-004
R = 1.0000
DL = 0.01802 ug/l
BEC = 0.1117 ug/l

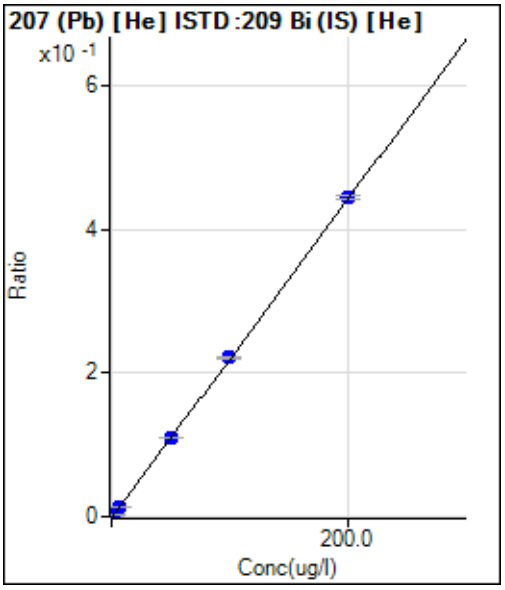
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	407.79	0.0003	P	2.1	
2	☐	1.200	1.160	5037.63	0.0032	P	1.0	-3.3
3	☐	6.000	5.893	23845.43	0.0150	P	0.9	-1.8
4	☐	50.000	50.136	197113.09	0.1257	P	1.2	0.3
5	☐	100.000	99.684	384550.04	0.2496	P	0.7	-0.3
6	☐	200.000	200.127	751324.79	0.5008	P	0.2	0.1

y = 0.0025 * x + 2.5530E-004
R = 1.0000
DL = 0.006565 ug/l
BEC = 0.1021 ug/l

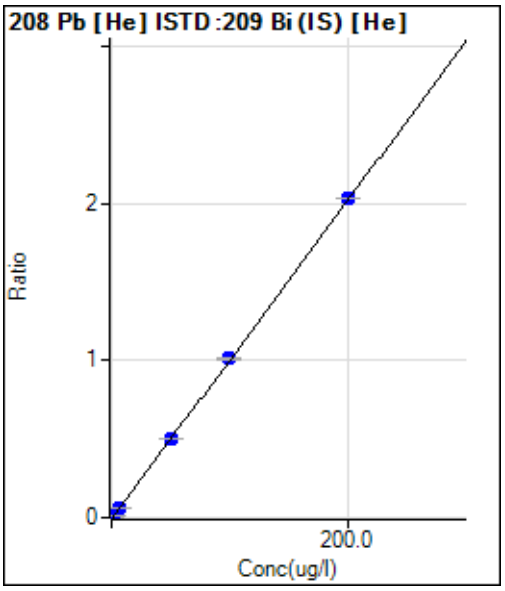
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Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	283.34	0.0002	P	9.6	
2	☐	1.200	1.126	4267.36	0.0027	P	2.9	-6.2
3	☐	6.000	5.729	20485.52	0.0129	P	1.3	-4.5
4	☐	50.000	49.607	172860.75	0.1102	P	1.2	-0.8
5	☐	100.000	99.657	340817.85	0.2212	P	0.4	-0.3
6	☐	200.000	200.279	666619.74	0.4444	P	0.9	0.1

y = 0.0022 * x + 1.7746E-004
R = 1.0000
DL = 0.02312 ug/l
BEC = 0.08001 ug/l

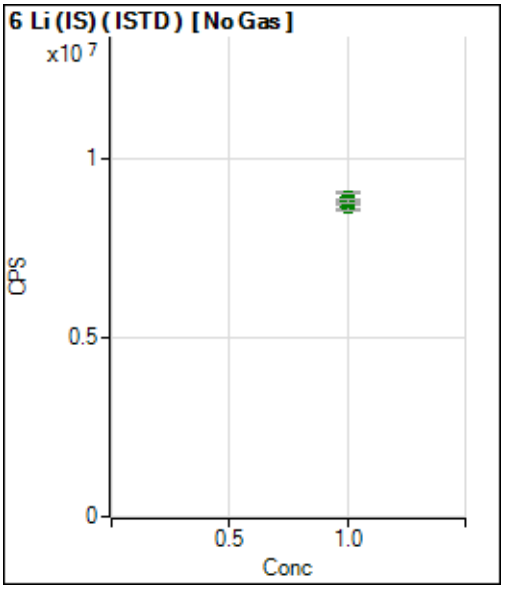
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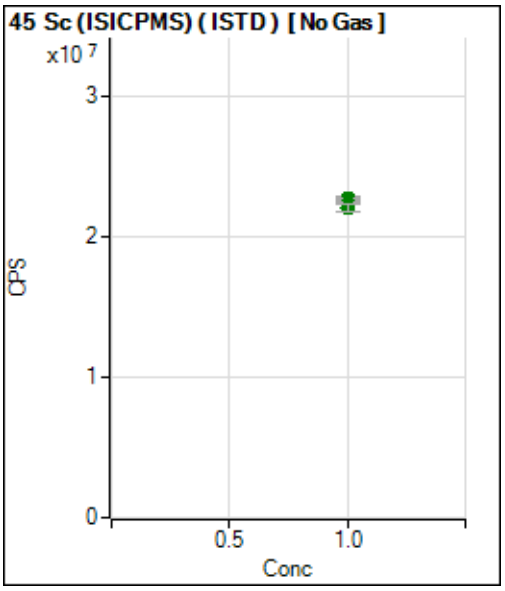
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1604.50	0.0010	P	3.3	
2	☐	1.200	1.126	19859.16	0.0124	P	0.4	-6.1
3	☐	6.000	5.806	95384.56	0.0600	P	0.5	-3.2
4	☐	50.000	49.624	792345.46	0.5051	P	0.5	-0.8
5	☐	100.000	99.570	1559969.61	1.0125	P	0.9	-0.4
6	☐	200.000	200.315	3054230.54	2.0360	P	0.6	0.2

y = 0.0102 * x + 0.0010
R = 1.0000
DL = 0.009852 ug/l
BEC = 0.09889 ug/l

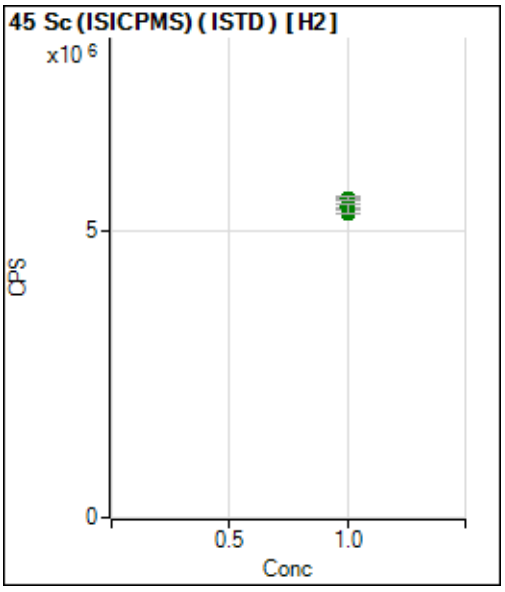
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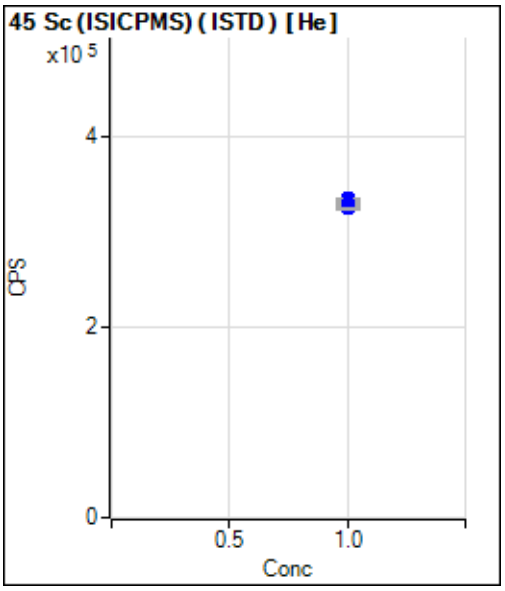
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		8924372.85		A	3.5	
2	☐	1.000		8871413.83		A	3.4	
3	☐	1.000		8745318.06		A	3.4	
4	☐	1.000		8671380.77		A	3.1	
5	☐	1.000		8931288.34		A	2.1	
6	☐	1.000		8822346.95		A	1.2	



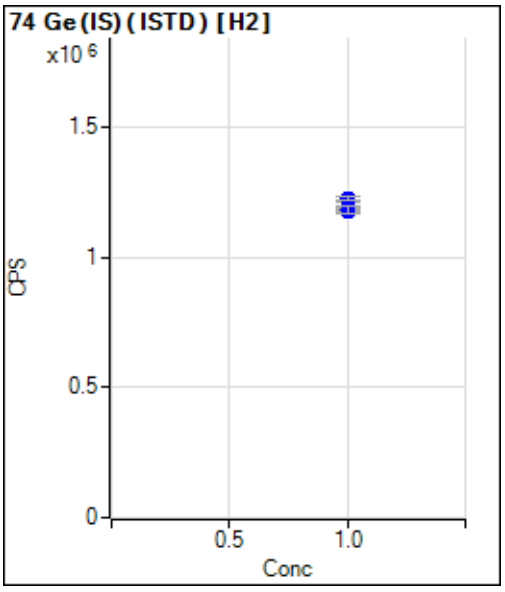
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		22443065.50		A	1.8	
2	☐	1.000		22708895.49		A	1.0	
3	☐	1.000		22485148.83		A	0.9	
4	☐	1.000		22662894.39		A	0.1	
5	☐	1.000		22324192.72		A	0.6	
6	☐	1.000		22011123.28		A	2.6	



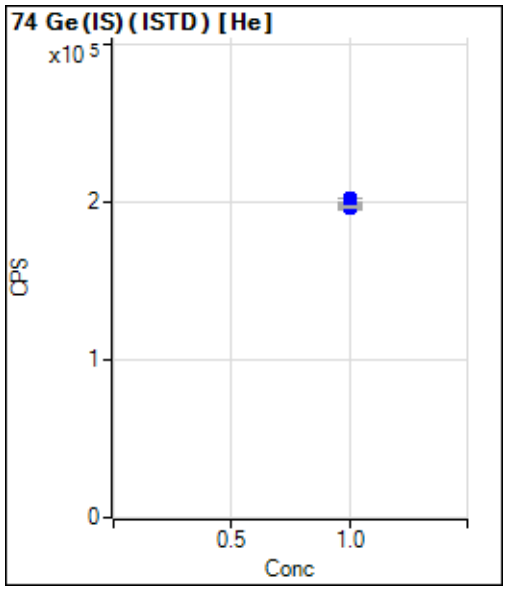
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		5443459.71		A	1.4	
2	☐	1.000		5429939.16		A	1.5	
3	☐	1.000		5535833.88		A	1.7	
4	☐	1.000		5585979.64		A	1.6	
5	☐	1.000		5313789.16		A	0.3	
6	☐	1.000		5403491.20		A	3.5	



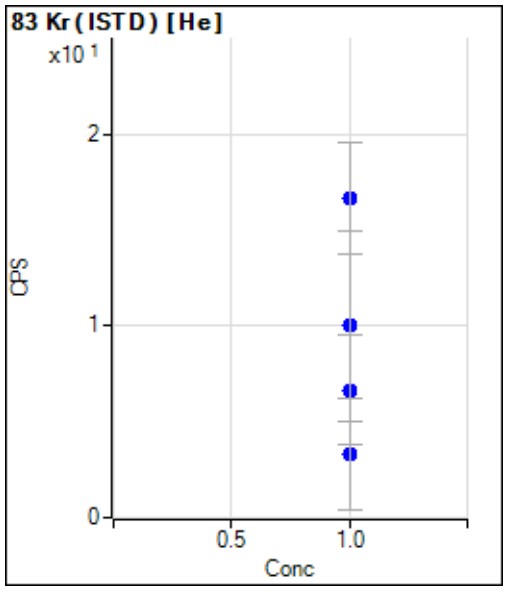
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		333984.85		P	0.6	
2	☐	1.000		335705.14		P	0.3	
3	☐	1.000		332506.02		P	0.2	
4	☐	1.000		334344.35		P	0.7	
5	☐	1.000		329208.64		P	0.6	
6	☐	1.000		324720.70		P	0.4	



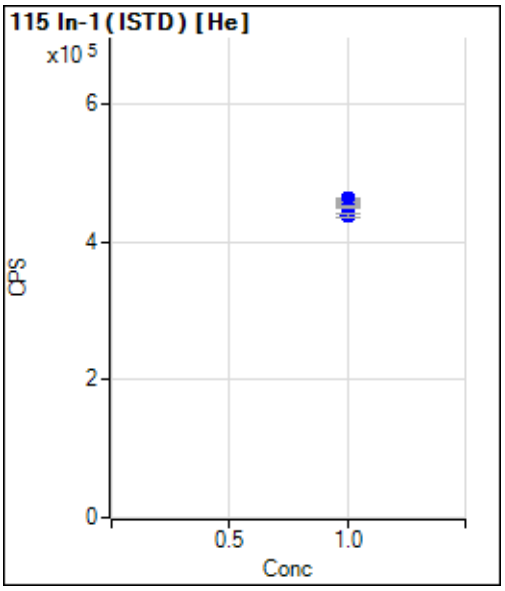
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		1188096.13		P	0.3	
2	☐	1.000		1175689.81		P	0.9	
3	☐	1.000		1196468.60		P	2.3	
4	☐	1.000		1227458.10		P	1.0	
5	☐	1.000		1178721.06		P	0.1	
6	☐	1.000		1181979.86		P	2.3	



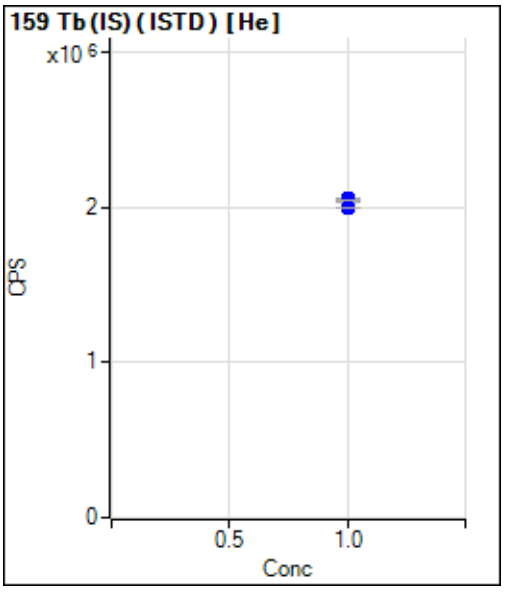
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		195796.92		P	0.6	
2	☐	1.000		196704.42		P	0.6	
3	☐	1.000		197014.89		P	0.5	
4	☐	1.000		202100.47		P	0.2	
5	☐	1.000		199498.14		P	0.5	
6	☐	1.000		196844.57		P	0.4	



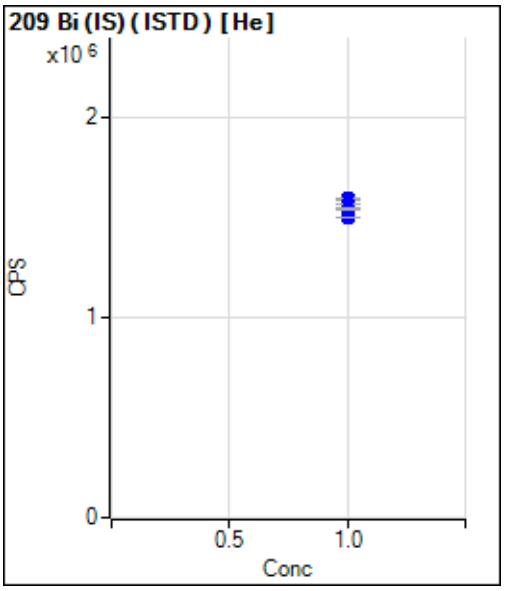
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		10.01		P	100.	
2	☐	1.000		16.68		P	34.6	
3	☐	1.000		6.67		P	86.6	
4	☐	1.000		10.01		P	100.	
5	☐	1.000		3.34		P	173.	
6	☐	1.000		16.68		P	34.6	



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		462883.39		P	0.5	
2	☐	1.000		459637.92		P	0.8	
3	☐	1.000		461743.62		P	0.9	
4	☐	1.000		456305.80		P	0.3	
5	☐	1.000		450066.12		P	0.7	
6	☐	1.000		438504.73		P	1.1	



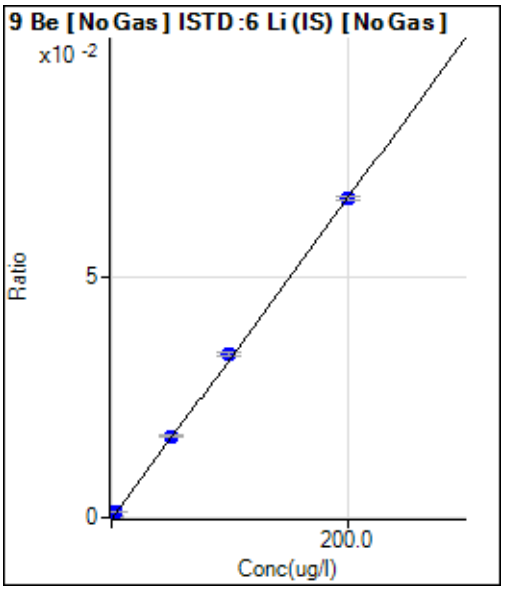
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1	☐	1.000		2061223.30		P	0.4	
2	☐	1.000		2057093.77		P	0.2	
3	☐	1.000		2053603.11		P	0.7	
4	☐	1.000		2058037.50		P	0.5	
5	☐	1.000		2040763.62		P	0.4	
6	☐	1.000		2001171.01		P	0.3	



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		1597157.95		P	0.5	
2	☐	1.000		1595397.91		P	0.8	
3	☐	1.000		1590106.05		P	0.3	
4	☐	1.000		1568588.27		P	0.2	
5	☐	1.000		1540714.87		P	0.6	
6	☐	1.000		1500142.76		P	0.5	

Batch Folder: D:\Agilent\ICPMH\1\DATA\NM083124.b\
Analysis File: NM083124.batch.bin
DA Date-Time: 2024-08-31 10:55:06
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

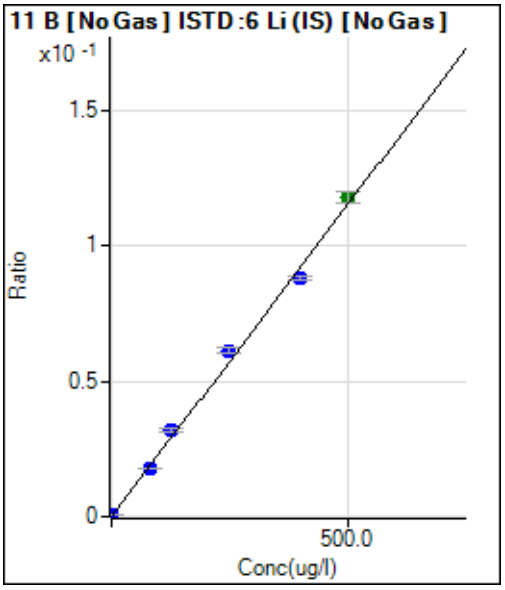
Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	IC CAL-Blk	2024-08-31 10:03:19
2	005CALS.d	IC CAL1	2024-08-31 10:06:21
3	006CALS.d	IC CAL2	2024-08-31 10:09:08
4	007CALS.d	IC CAL3	2024-08-31 10:11:55
5	008CALS.d	IC CAL4	2024-08-31 10:14:39
6	009CALS.d	IC CAL5	2024-08-31 10:17:24



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	17.78	0.0000	P	48.2	
2	☐	0.800	0.718	1463.42	0.0002	P	1.1	-10.2
3	☐	4.000	3.855	7803.31	0.0013	P	6.1	-3.6
4	☐	50.000	50.785	101857.33	0.0170	P	2.4	1.6
5	☐	100.000	102.073	207285.78	0.0342	P	2.0	2.1
6	☐	200.000	198.770	411353.57	0.0666	P	0.8	-0.6

y = 3.3494E-004 * x + 2.9151E-006
R = 0.9999
DL = 0.01259 ug/l
BEC = 0.008703 ug/l

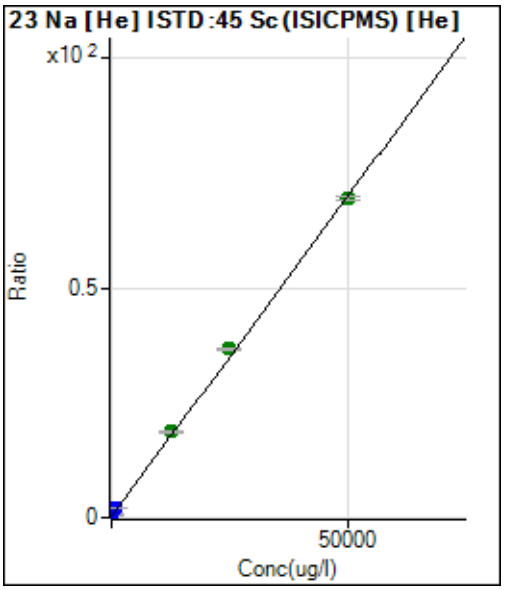
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Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	3952.80	0.0006	P	4.1	
2	☐	80.000	74.929	107619.53	0.0179	P	1.7	-6.3
3	☐	400.000	378.140	529643.31	0.0878	P	1.6	-5.5
4	☐	125.000	135.640	190988.43	0.0319	P	2.8	8.5
5	☐	250.000	263.285	371725.17	0.0613	P	3.0	5.3
6	☐	500.000	508.997	728531.29	0.1179	A	3.6	1.8

y = 2.3045E-004 * x + 6.4459E-004
R = 0.9977
DL = 0.3474 ug/l
BEC = 2.797 ug/l

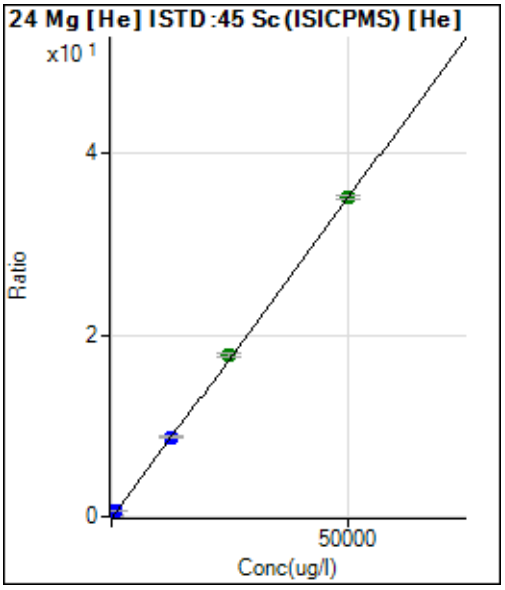
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	38250.82	0.6033	P	0.4	
2	☐	200.000	199.281	55691.08	0.8813	P	1.5	-0.4
3	☐	1000.000	984.416	124201.05	1.9763	P	0.8	-1.6
4	☐	12500.00	12936.72	1196967.53	18.645	A	2.7	3.5
5	☐	25000.00	25918.00	2297130.38	36.749	A	1.4	3.7
6	☐	50000.00	49432.13	4332974.17	69.543	A	0.7	-1.1

y = 0.0014 * x + 0.6033
R = 0.9997
DL = 5.224 ug/l
BEC = 432.6 ug/l

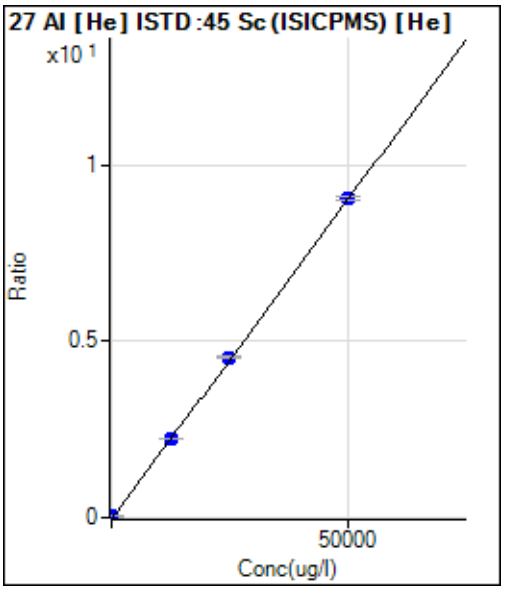
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	144.45	0.0023	P	15.7	
2	☐	200.000	196.511	8892.89	0.1407	P	1.7	-1.7
3	☐	1000.000	942.823	41888.30	0.6665	P	1.0	-5.7
4	☐	12500.00	12382.47	560177.09	8.7258	P	1.8	-0.9
5	☐	25000.00	25294.77	1114072.84	17.822	A	2.3	1.2
6	☐	50000.00	49883.15	2189823.27	35.145	A	1.3	-0.2

y = 7.0451E-004 * x + 0.0023
R = 1.0000
DL = 1.524 ug/l
BEC = 3.235 ug/l

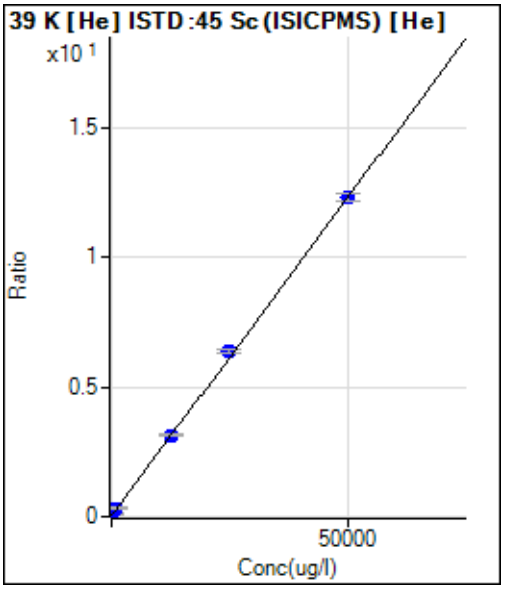
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	55.55	0.0009	P	24.0	
2	☐	40.000	41.130	526.68	0.0083	P	11.4	2.8
3	☐	200.000	197.912	2307.99	0.0367	P	2.1	-1.0
4	☐	12500.00	12426.00	144559.07	2.2517	P	0.3	-0.6
5	☐	25000.00	25108.41	284390.01	4.5489	P	0.5	0.4
6	☐	50000.00	49964.30	563823.36	9.0511	P	1.4	-0.1

y = 1.8113E-004 * x + 8.7583E-004
R = 1.0000
DL = 3.476 ug/l
BEC = 4.835 ug/l

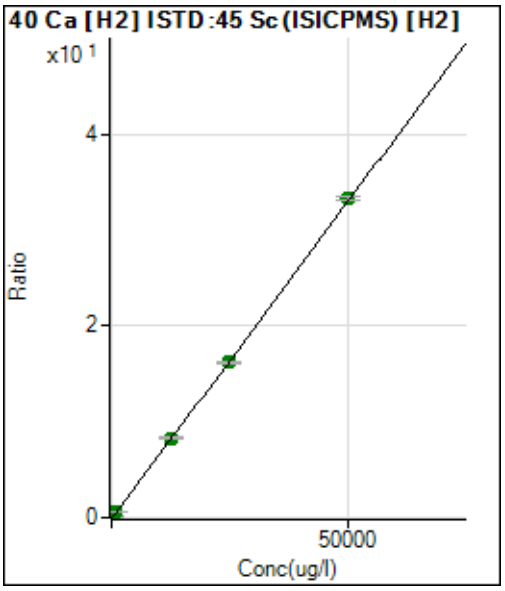
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	6050.25	0.0954	P	2.8	
2	☐	200.000	192.867	9024.09	0.1428	P	1.6	-3.6
3	☐	1000.000	964.515	20880.14	0.3322	P	1.4	-3.5
4	☐	12500.00	12450.44	202375.65	3.1524	P	1.6	-0.4
5	☐	25000.00	25483.85	397041.01	6.3525	P	2.2	1.9
6	☐	50000.00	49771.19	767108.25	12.315	P	2.6	-0.5

y = 2.4553E-004 * x + 0.0954
R = 0.9999
DL = 32.83 ug/l
BEC = 388.7 ug/l

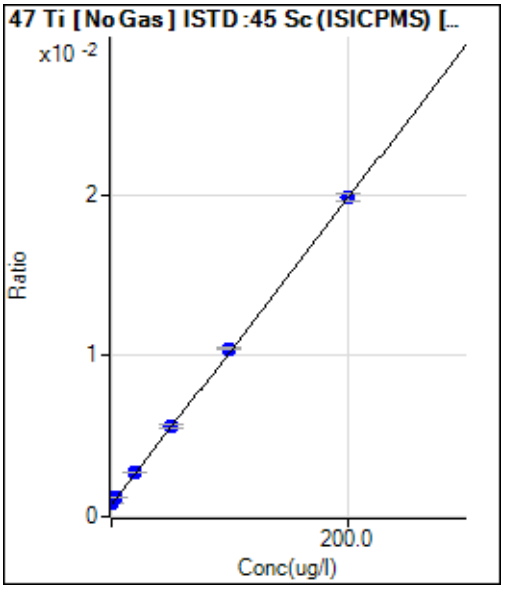
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Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	56370.22	0.0334	P	1.5	
2	☐	200.000	206.556	273243.46	0.1702	P	2.1	3.3
3	☐	1000.000	993.736	1144576.18	0.6914	A	1.7	-0.6
4	☐	12500.00	12514.92	13967574.79	8.3194	A	2.4	0.1
5	☐	25000.00	24419.65	27569280.42	16.201	A	1.7	-2.3
6	☐	50000.00	50286.53	55017184.73	33.327	A	1.0	0.6

y = 6.6209E-004 * x + 0.0334
R = 0.9999
DL = 2.346 ug/l
BEC = 50.51 ug/l

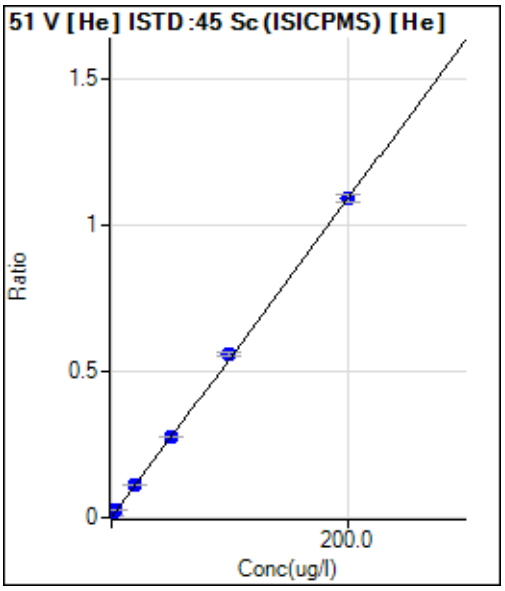
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Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	3496.02	0.0008	P	3.9	
2	☐	4.000	3.843	4988.71	0.0012	P	3.5	-3.9
3	☐	20.000	20.086	11125.68	0.0028	P	2.5	0.4
4	☐	50.000	50.315	23554.67	0.0056	P	3.1	0.6
5	☐	100.000	100.603	43634.57	0.0104	P	0.7	0.6
6	☐	200.000	199.615	82780.93	0.0198	P	2.9	-0.2

y = 9.5063E-005 * x + 8.4749E-004
R = 1.0000
DL = 1.056 ug/l
BEC = 8.915 ug/l

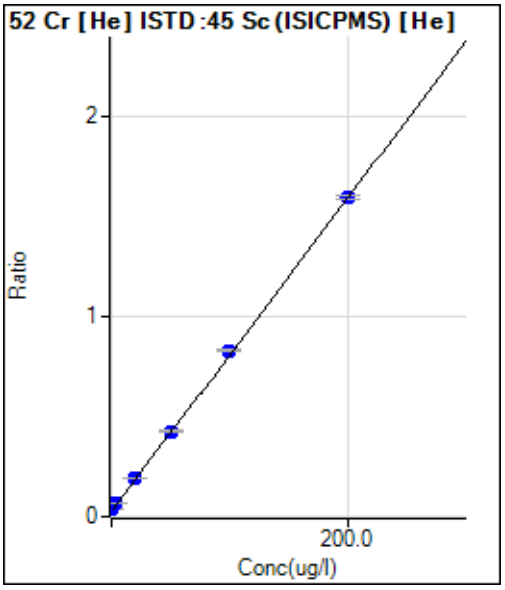
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	425.56	0.0067	P	4.2	
2	☐	4.000	3.640	1677.89	0.0265	P	3.6	-9.0
3	☐	20.000	19.487	7096.32	0.1129	P	2.4	-2.6
4	☐	50.000	49.558	17769.28	0.2768	P	1.3	-0.9
5	☐	100.000	101.655	35042.36	0.5607	P	2.8	1.7
6	☐	200.000	199.342	68078.77	1.0931	P	2.8	-0.3

y = 0.0054 * x + 0.0067
R = 0.9999
DL = 0.1557 ug/l
BEC = 1.232 ug/l

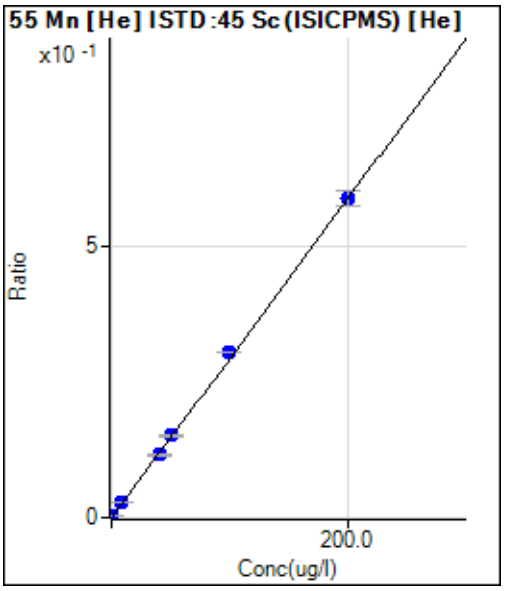
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	2271.31	0.0358	P	1.2	
2	☐	4.000	4.029	4258.46	0.0674	P	2.3	0.7
3	☐	20.000	19.619	11910.76	0.1895	P	0.4	-1.9
4	☐	50.000	49.886	27388.41	0.4266	P	1.1	-0.2
5	☐	100.000	101.410	51902.18	0.8302	P	1.0	1.4
6	☐	200.000	199.361	99534.64	1.5975	P	0.7	-0.3

y = 0.0078 * x + 0.0358
R = 1.0000
DL = 0.1609 ug/l
BEC = 4.573 ug/l

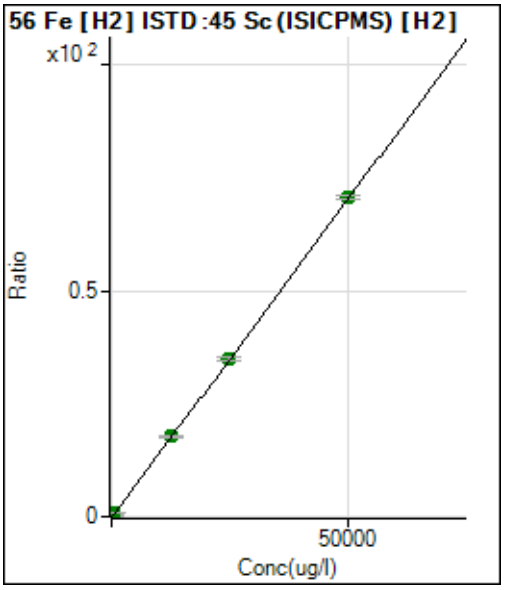
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	227.78	0.0036	P	21.3	
2	☐	8.000	8.001	1709.01	0.0270	P	3.0	0.0
3	☐	40.000	38.153	7255.31	0.1154	P	0.9	-4.6
4	☐	50.000	50.401	9715.73	0.1513	P	2.1	0.8
5	☐	100.000	102.348	18982.11	0.3036	P	0.5	2.3
6	☐	200.000	199.095	36565.35	0.5872	P	5.4	-0.5

y = 0.0029 * x + 0.0036
R = 0.9998
DL = 0.7816 ug/l
BEC = 1.225 ug/l

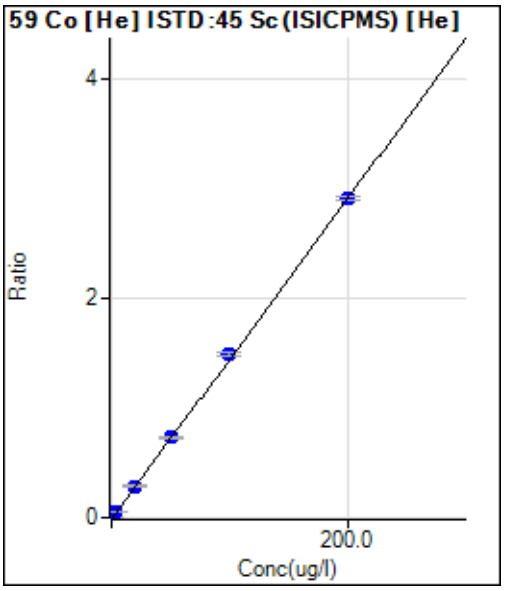
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Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	100263.60	0.0595	P	0.6	
2	☐	120.000	125.023	378360.91	0.2358	P	3.7	4.2
3	☐	600.000	602.899	1506264.02	0.9097	A	1.9	0.5
4	☐	12500.00	12549.57	29819472.05	17.757	A	1.6	0.4
5	☐	25000.00	24802.68	59611346.89	35.037	A	2.8	-0.8
6	☐	50000.00	50086.22	116701489.3	70.692	A	0.9	0.2

y = 0.0014 * x + 0.0595
R = 1.0000
DL = 0.7717 ug/l
BEC = 42.18 ug/l

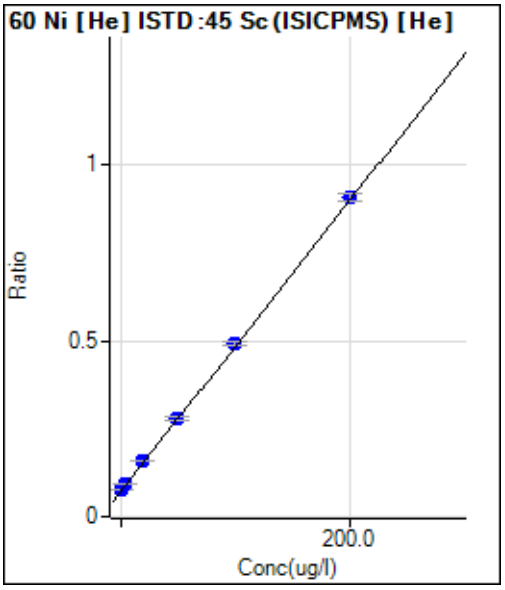
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	74.44	0.0012	P	13.4	
2	☐	4.000	4.011	3773.88	0.0597	P	0.8	0.3
3	☐	20.000	19.659	18104.26	0.2881	P	2.3	-1.7
4	☐	50.000	50.099	47019.63	0.7324	P	1.7	0.2
5	☐	100.000	101.861	92998.53	1.4878	P	1.5	1.9
6	☐	200.000	199.079	181079.82	2.9067	P	1.0	-0.5

y = 0.0146 * x + 0.0012
R = 0.9999
DL = 0.03226 ug/l
BEC = 0.08043 ug/l

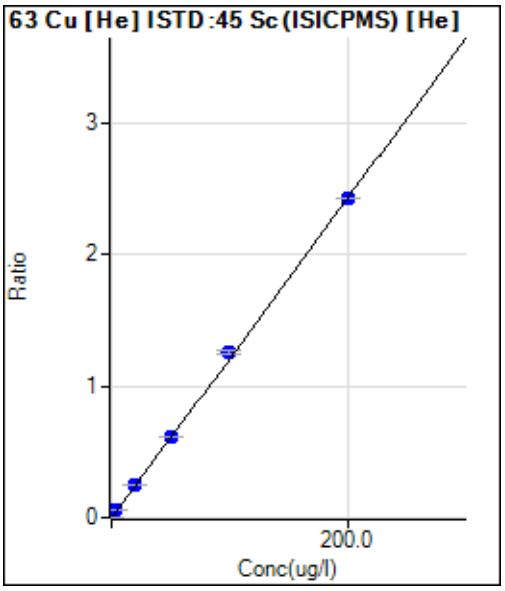
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Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.809	4966.50	0.0783	P	2.5	
2	☐	4.000	3.996	5791.26	0.0916	P	2.5	-0.1
3	☐	20.000	20.085	9971.45	0.1587	P	2.0	0.4
4	☐	50.000	48.683	17838.28	0.2779	P	4.1	-2.6
5	☐	100.000	100.212	30796.79	0.4926	P	1.8	0.2
6	☐	200.000	200.215	56645.40	0.9094	P	2.2	0.1

y = 0.004168 * x + 0.074964
R = 1.0000
DL = 1.407 ug/l
BEC = 17.99 ug/l

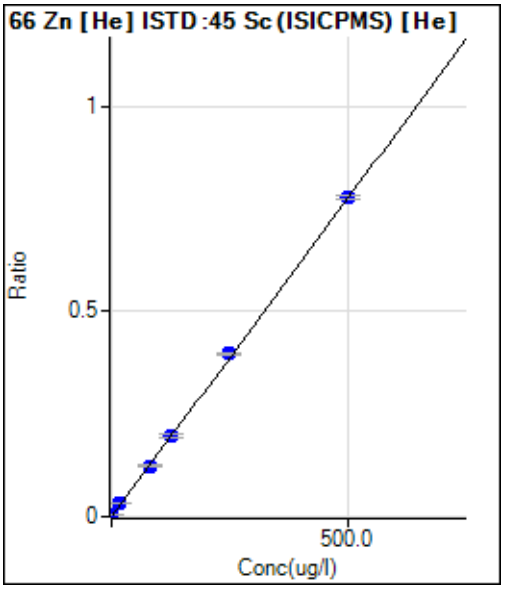
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Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	-0.397	308.89	0.0049	P	14.7	
2	☐	4.000	3.702	3458.24	0.0547	P	1.2	-7.5
3	☐	20.000	19.446	15469.96	0.2462	P	1.8	-2.8
4	☐	50.000	49.914	39587.44	0.6166	P	1.0	-0.2
5	☐	100.000	102.503	78509.23	1.2561	P	2.0	2.5
6	☐	200.000	198.831	151231.24	2.4274	P	0.6	-0.6

y = 0.012160 * x + 0.009699
R = 0.9999
DL = 0.1762 ug/l
BEC = 0.7977 ug/l

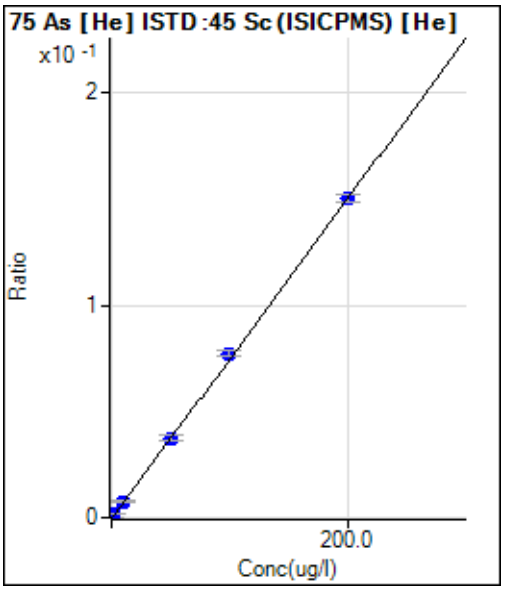
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	276.67	0.0044	P	11.9	
2	☐	16.000	17.617	2004.61	0.0317	P	6.2	10.1
3	☐	80.000	76.669	7754.48	0.1234	P	2.4	-4.2
4	☐	125.000	124.318	12669.28	0.1973	P	3.7	-0.5
5	☐	250.000	253.128	24838.20	0.3973	P	1.9	1.3
6	☐	500.000	499.088	48531.49	0.7790	P	1.1	-0.2

y = 0.0016 * x + 0.0044
R = 0.9999
DL = 0.9997 ug/l
BEC = 2.812 ug/l

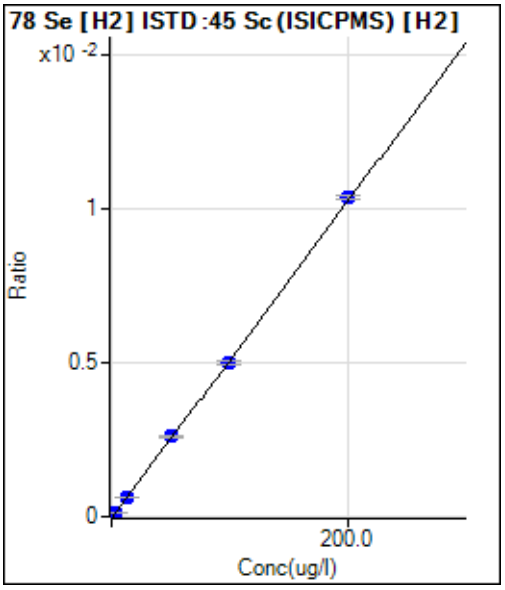
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Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	13.33	0.0002	P	25.0	
2	☐	2.000	2.261	121.11	0.0019	P	2.1	13.1
3	☐	10.000	9.672	472.23	0.0075	P	11.8	-3.3
4	☐	50.000	49.459	2409.12	0.0375	P	6.1	-1.1
5	☐	100.000	102.128	4829.78	0.0773	P	3.3	2.1
6	☐	200.000	199.085	9369.93	0.1504	P	2.5	-0.5

y = 7.5454E-004 * x + 2.1034E-004
R = 0.9999
DL = 0.2095 ug/l
BEC = 0.2788 ug/l

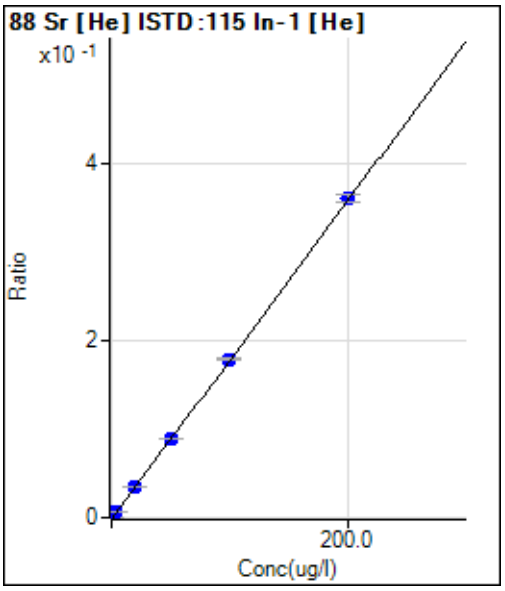
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	0.00	0.0000	P		
2	☐	2.500	2.757	227.78	0.0001	P	14.4	10.3
3	☐	12.500	11.823	1010.04	0.0006	P	1.6	-5.4
4	☐	50.000	50.541	4378.52	0.0026	P	3.3	1.1
5	☐	100.000	96.786	8496.05	0.0050	P	2.6	-3.2
6	☐	200.000	201.511	17164.27	0.0104	P	1.2	0.8

y = 5.1591E-005 * x + 0.0000E+000
R = 0.9998
DL = 0 ug/l
BEC = 0 ug/l

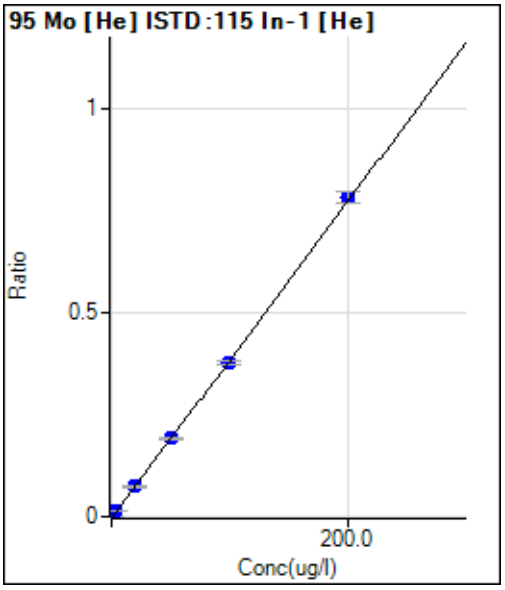
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Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	11.11	0.0001	P	62.3	
2	☐	4.000	4.069	572.24	0.0075	P	2.1	1.7
3	☐	20.000	19.497	2705.85	0.0352	P	0.7	-2.5
4	☐	50.000	49.664	6932.96	0.0894	P	0.4	-0.7
5	☐	100.000	99.298	13753.79	0.1786	P	1.6	-0.7
6	☐	200.000	200.484	27244.38	0.3605	P	2.5	0.2

y = 0.0018 * x + 1.4263E-004
R = 1.0000
DL = 0.1484 ug/l
BEC = 0.07936 ug/l

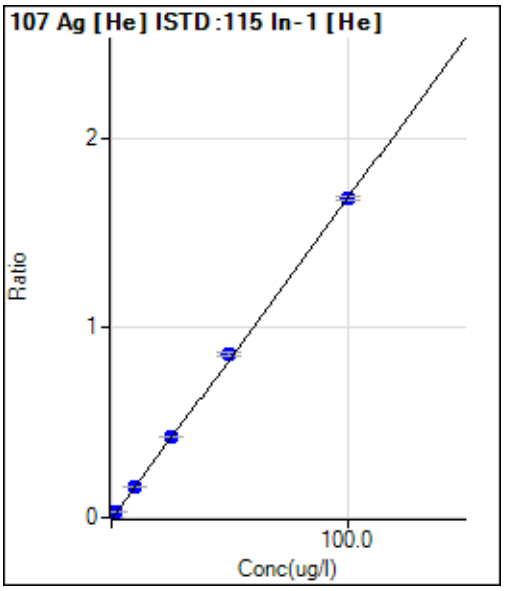
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	23.33	0.0003	P	22.6	
2	☐	4.000	3.869	1174.51	0.0153	P	3.0	-3.3
3	☐	20.000	19.147	5731.28	0.0745	P	4.3	-4.3
4	☐	50.000	49.280	14840.54	0.1914	P	0.7	-1.4
5	☐	100.000	97.421	29110.70	0.3780	P	2.6	-2.6
6	☐	200.000	201.558	59076.81	0.7818	P	3.8	0.8

y = 0.0039 * x + 3.0011E-004
R = 0.9999
DL = 0.05253 ug/l
BEC = 0.0774 ug/l

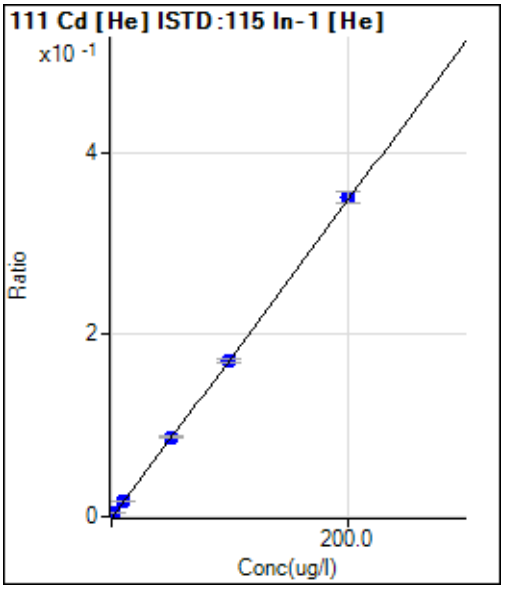
Weight: <None>
Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	7.78	0.0001	P	65.8	
2	☐	2.000	1.951	2543.59	0.0331	P	5.2	-2.5
3	☐	10.000	9.664	12589.42	0.1637	P	2.6	-3.4
4	☐	25.000	25.235	33145.94	0.4274	P	1.3	0.9
5	☐	50.000	51.034	66546.49	0.8642	P	1.8	2.1
6	☐	100.000	99.459	127308.24	1.6842	P	0.8	-0.5

y = 0.0169 * x + 1.0020E-004
R = 0.9999
DL = 0.01169 ug/l
BEC = 0.005918 ug/l

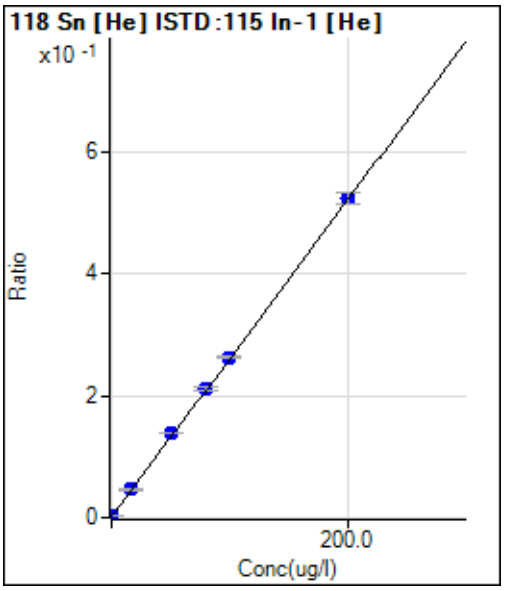
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Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	0.00	0.0000	P		
2	☐	2.000	1.965	263.34	0.0034	P	10.1	-1.7
3	☐	10.000	9.326	1252.29	0.0163	P	3.4	-6.7
4	☐	50.000	50.062	6778.45	0.0874	P	1.6	0.1
5	☐	100.000	98.316	13218.90	0.1717	P	2.1	-1.7
6	☐	200.000	200.861	26505.48	0.3507	P	3.4	0.4

y = 0.0017 * x + 0.0000E+000
R = 0.9999
DL = 0 ug/l
BEC = 0 ug/l

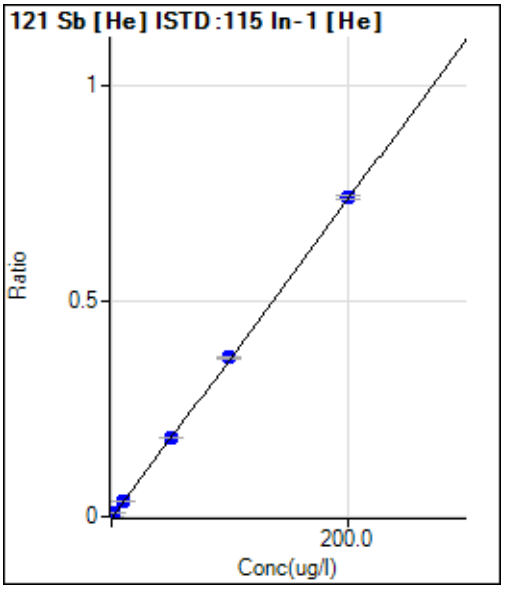
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Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	302.23	0.0039	P	2.9	
2	☐	16.000	16.135	3524.94	0.0459	P	3.3	0.8
3	☐	80.000	79.730	16265.66	0.2116	P	3.4	-0.3
4	☐	50.000	51.677	10738.90	0.1385	P	1.3	3.4
5	☐	100.000	99.487	20253.50	0.2630	P	1.1	-0.5
6	☐	200.000	199.934	39645.35	0.5246	P	3.8	0.0

y = 0.0026 * x + 0.0039
R = 0.9999
DL = 0.1319 ug/l
BEC = 1.496 ug/l

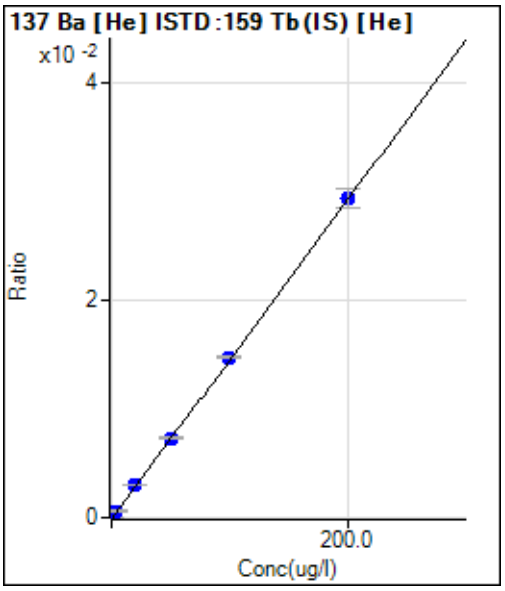
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	13.33	0.0002	P	26.9	
2	☐	2.000	1.879	545.57	0.0071	P	3.6	-6.0
3	☐	10.000	9.361	2670.29	0.0347	P	0.8	-6.4
4	☐	50.000	49.501	14181.02	0.1829	P	0.8	-1.0
5	☐	100.000	99.570	28311.52	0.3677	P	1.1	-0.4
6	☐	200.000	200.373	55922.41	0.7397	P	1.3	0.2

y = 0.0037 * x + 1.7262E-004
R = 1.0000
DL = 0.03772 ug/l
BEC = 0.04677 ug/l

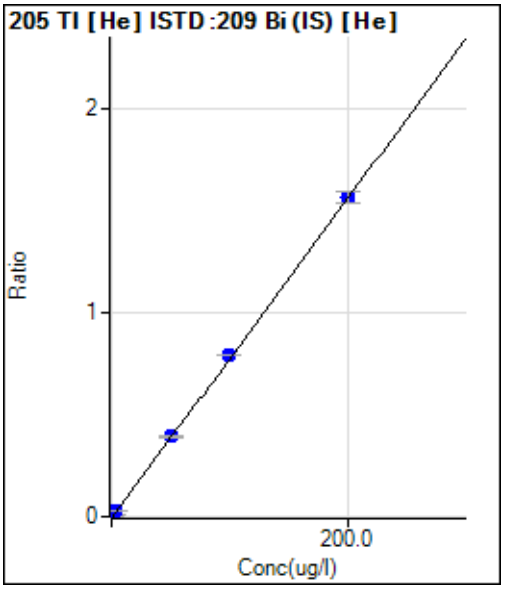
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Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	7.78	0.0000	P	65.3	
2	☐	4.000	3.784	283.34	0.0006	P	17.5	-5.4
3	☐	20.000	20.286	1477.87	0.0030	P	5.0	1.4
4	☐	50.000	49.807	3642.76	0.0073	P	2.1	-0.4
5	☐	100.000	100.392	7323.22	0.0148	P	0.8	0.4
6	☐	200.000	199.828	14544.89	0.0294	P	5.8	-0.1

y = 1.4694E-004 * x + 1.5570E-005
R = 1.0000
DL = 0.2075 ug/l
BEC = 0.106 ug/l

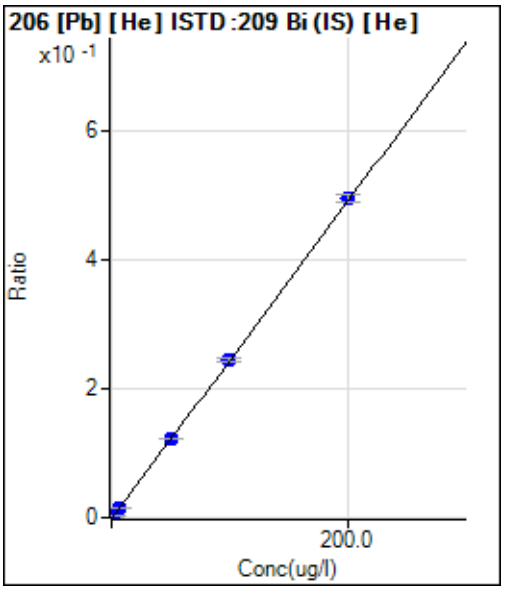
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Min Conc: <None>



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	434.46	0.0009	P	11.8	
2	☐	0.800	0.772	3211.54	0.0070	P	5.7	-3.5
3	☐	4.000	3.774	13953.44	0.0305	P	2.5	-5.7
4	☐	50.000	49.876	178089.05	0.3913	P	1.2	-0.2
5	☐	100.000	100.774	356068.07	0.7896	P	0.7	0.8
6	☐	200.000	199.649	689601.35	1.5634	P	4.0	-0.2

y = 0.0078 * x + 9.3403E-004
R = 1.0000
DL = 0.04239 ug/l
BEC = 0.1193 ug/l

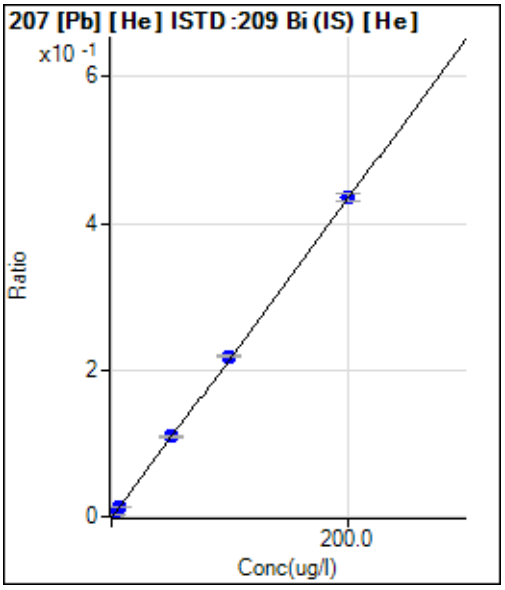
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	247.78	0.0005	P	11.8	
2	☐	1.200	1.302	1723.47	0.0037	P	5.5	8.5
3	☐	6.000	5.865	6865.26	0.0150	P	1.1	-2.2
4	☐	50.000	49.303	55558.04	0.1221	P	1.5	-1.4
5	☐	100.000	98.592	109831.03	0.2436	P	2.3	-1.4
6	☐	200.000	200.882	218718.21	0.4957	P	2.6	0.4

y = 0.0025 * x + 5.3272E-004
R = 1.0000
DL = 0.07662 ug/l
BEC = 0.2161 ug/l

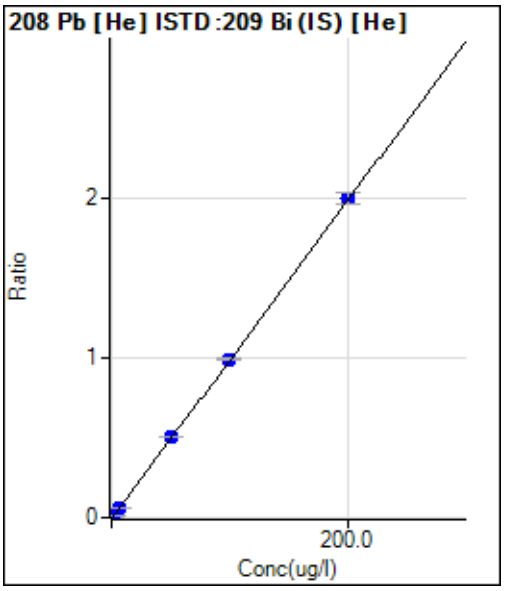
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	216.67	0.0005	P	4.7	
2	☐	1.200	1.209	1426.76	0.0031	P	3.5	0.8
3	☐	6.000	5.896	6089.31	0.0133	P	4.0	-1.7
4	☐	50.000	49.848	49601.74	0.1090	P	0.7	-0.3
5	☐	100.000	100.128	98499.61	0.2184	P	0.8	0.1
6	☐	200.000	199.977	192290.88	0.4358	P	2.2	0.0

y = 0.0022 * x + 4.6615E-004
R = 1.0000
DL = 0.03051 ug/l
BEC = 0.2141 ug/l

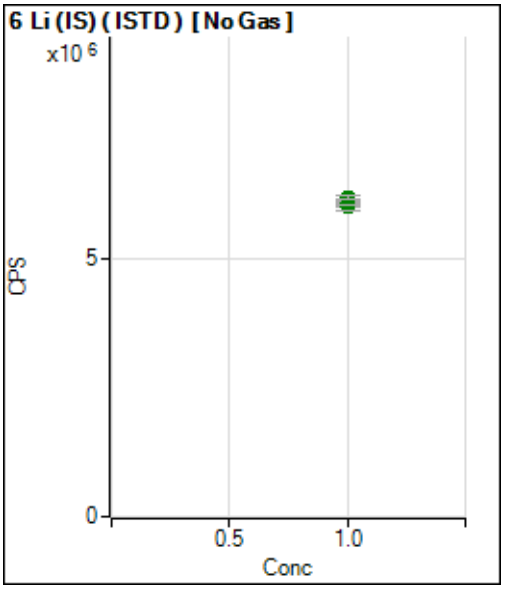
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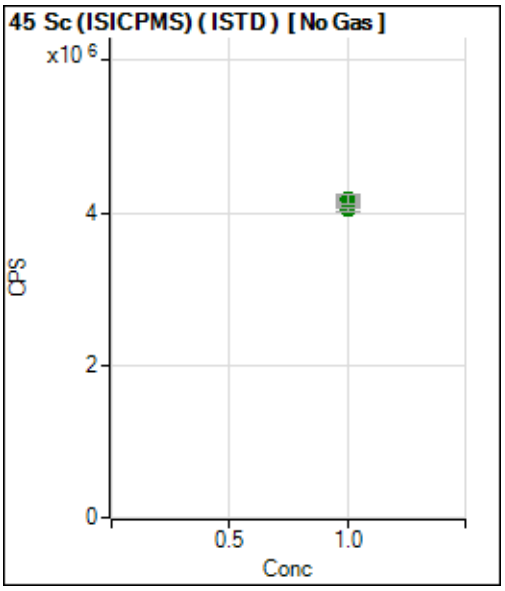
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	0.000	0.000	1022.24	0.0022	P	4.0	
2	☐	1.200	1.267	6820.79	0.0148	P	3.6	5.6
3	☐	6.000	5.967	28219.54	0.0616	P	0.8	-0.6
4	☐	50.000	50.209	228589.01	0.5023	P	1.0	0.4
5	☐	100.000	99.204	446525.78	0.9902	P	1.4	-0.8
6	☐	200.000	200.346	881176.41	1.9976	P	3.6	0.2

y = 0.0100 * x + 0.0022
R = 1.0000
DL = 0.02641 ug/l
BEC = 0.2208 ug/l

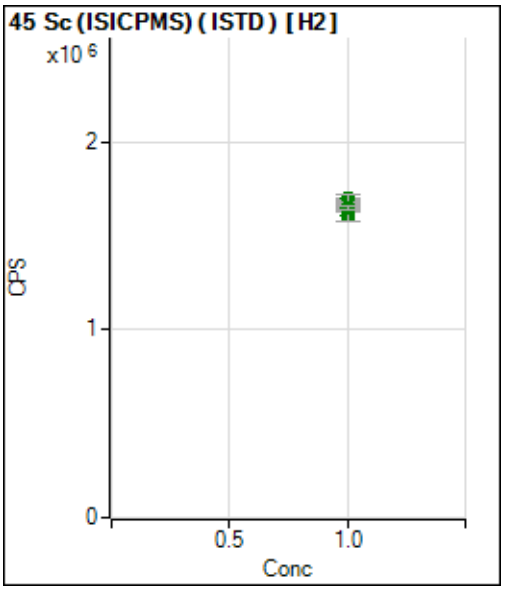
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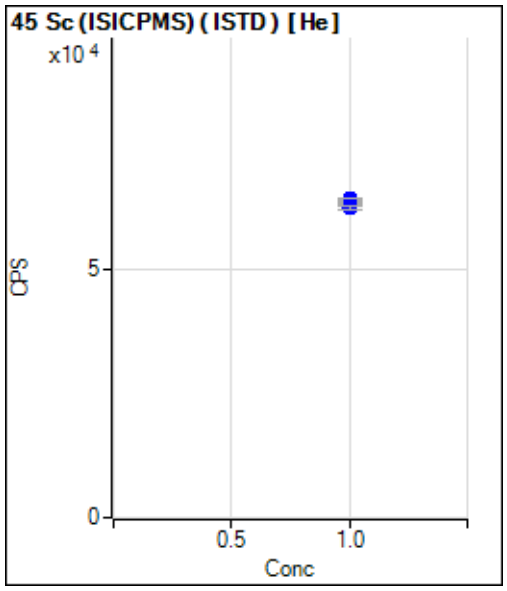
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		6136654.84		A	3.1	
2	☐	1.000		6009696.44		A	2.5	
3	☐	1.000		6034301.51		A	2.0	
4	☐	1.000		5989270.32		A	2.5	
5	☐	1.000		6062929.15		A	0.8	
6	☐	1.000		6178667.69		A	1.2	



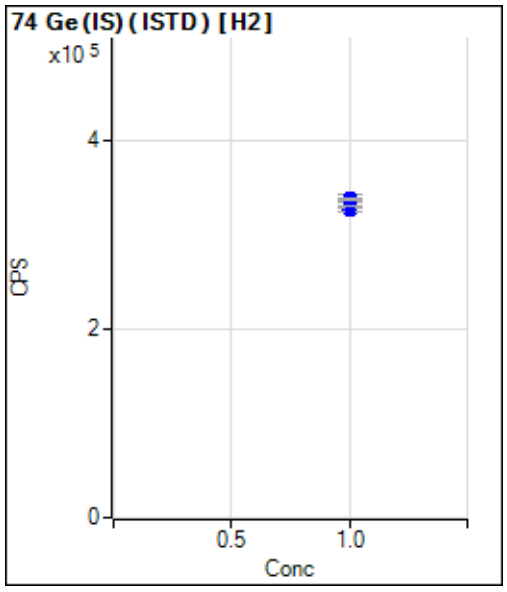
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		4126277.30		A	3.5	
2	☐	1.000		4114479.94		A	1.2	
3	☐	1.000		4036179.32		A	1.4	
4	☐	1.000		4184155.11		A	1.8	
5	☐	1.000		4191339.49		A	0.8	
6	☐	1.000		4177811.36		A	2.8	



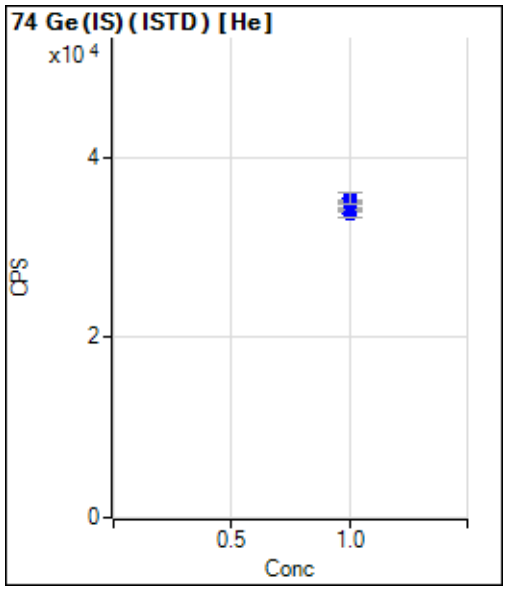
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		1685798.38		A	1.0	
2	☐	1.000		1606010.96		A	3.5	
3	☐	1.000		1655724.56		A	1.3	
4	☐	1.000		1679685.08		A	2.9	
5	☐	1.000		1702088.67		A	2.3	
6	☐	1.000		1650903.90		A	1.5	



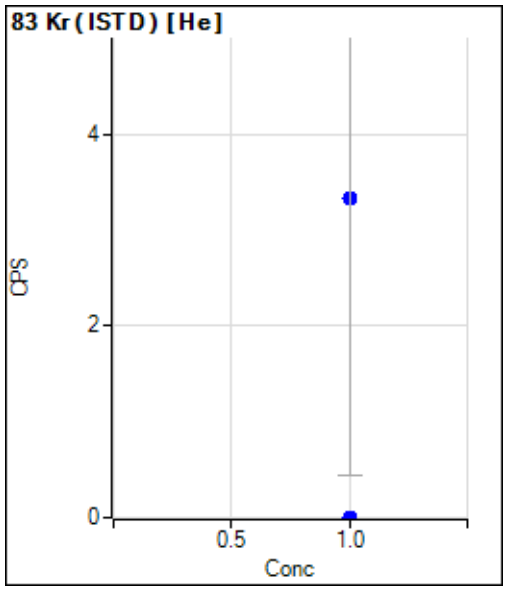
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		63398.40		P	0.3	
2	☐	1.000		63202.13		P	1.4	
3	☐	1.000		62849.23		P	0.9	
4	☐	1.000		64200.82		P	0.5	
5	☐	1.000		62515.76		P	1.5	
6	☐	1.000		62301.19		P	1.6	



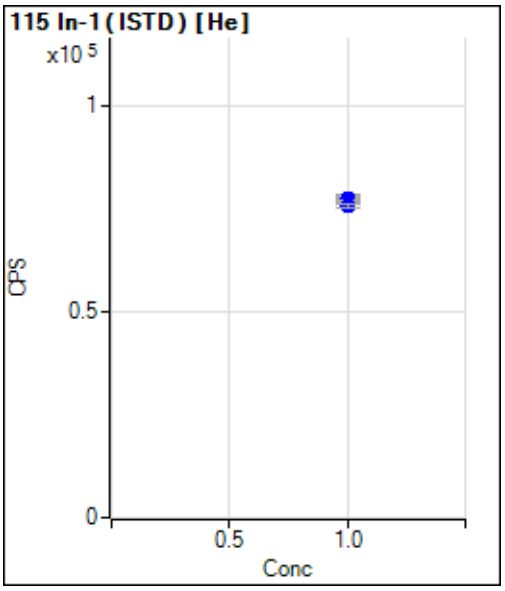
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		327935.85		P	1.7	
2	☐	1.000		326591.77		P	1.3	
3	☐	1.000		330514.38		P	0.6	
4	☐	1.000		334366.55		P	1.9	
5	☐	1.000		338825.41		P	2.8	
6	☐	1.000		338484.67		P	0.5	



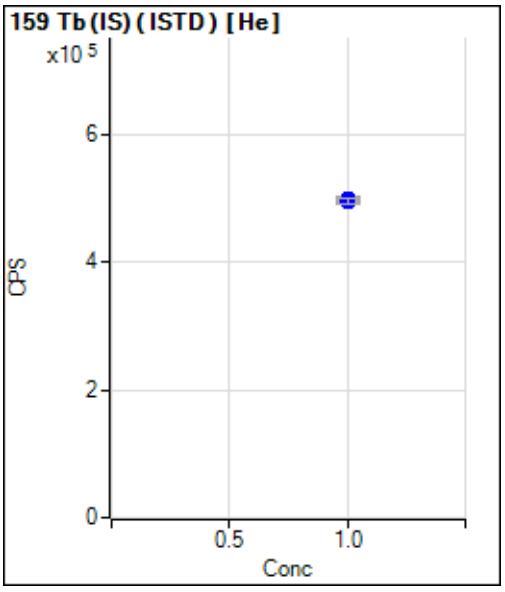
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		33679.70		P	2.1	
2	☐	1.000		34164.18		P	0.4	
3	☐	1.000		34485.03		P	1.6	
4	☐	1.000		34794.56		P	2.2	
5	☐	1.000		34904.83		P	1.1	
6	☐	1.000		35452.97		P	3.0	



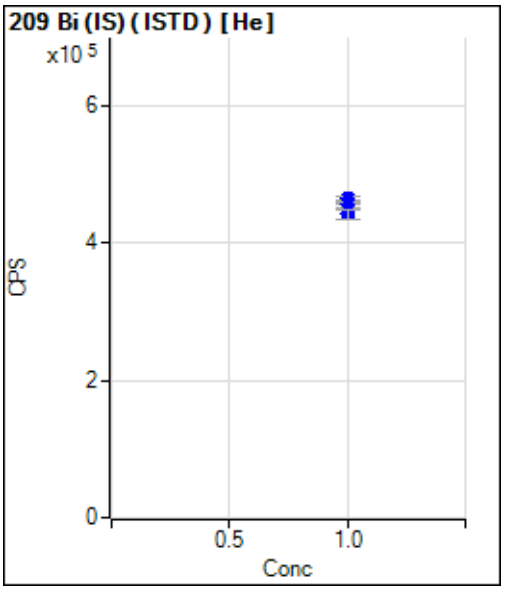
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		0.00		P		
2	☐	1.000		0.00		P		
3	☐	1.000		0.00		P		
4	☐	1.000		0.00		P		
5	☐	1.000		0.00		P		
6	☐	1.000		3.34		P	173.	



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		77524.24		P	2.1	
2	☐	1.000		76750.83		P	0.9	
3	☐	1.000		76902.80		P	1.1	
4	☐	1.000		77546.87		P	1.4	
5	☐	1.000		77004.15		P	0.5	
6	☐	1.000		75596.07		P	1.5	



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		500280.37		P	1.6	
2	☐	1.000		495593.14		P	0.5	
3	☐	1.000		493221.16		P	0.4	
4	☐	1.000		496709.95		P	0.5	
5	☐	1.000		495887.86		P	1.9	
6	☐	1.000		495535.53		P	2.3	



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD	%RE
1	☐	1.000		464911.19		P	0.8	
2	☐	1.000		460421.22		P	0.2	
3	☐	1.000		457923.81		P	1.0	
4	☐	1.000		455130.09		P	1.3	
5	☐	1.000		450938.79		P	0.4	
6	☐	1.000		441402.12		P	2.7	

9-IN
DETECTION LIMITS
METALS

Lab Name: Eurofins Edison Job Number: 460-309671-1

SDG Number:

Matrix: Water Instrument ID: ICPMS3

Method: 6020B MDL Date: 03/17/2023 00:00

Prep Method: 3010A

Analyte	Wavelength/ Mass	RL (ug/L)	MDL (ug/L)
Lead		1.2	0.844

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: Eurofins Edison Job Number: 460-309671-1

SDG Number:

Matrix: Water Instrument ID: ICPMS3

Method: 6020B XMDL Date: 03/17/2023 00:00

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Lead		1.2	0.844

9-IN
DETECTION LIMITS
METALS

Lab Name: Eurofins Edison Job Number: 460-309671-1

SDG Number:

Matrix: Solid Instrument ID: ICPMS3

Method: 6020B MDL Date: 03/16/2023 00:00

Prep Method: 3050B

Analyte	Wavelength/ Mass	RL (mg/Kg)	MDL (mg/Kg)
Lead		0.6	0.2

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: Eurofins Edison Job Number: 460-309671-1

SDG Number:

Matrix: Solid Instrument ID: ICPMS3

Method: 6020B XMDL Date: 03/16/2023 00:00

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Lead		6	2

9-IN
DETECTION LIMITS
METALS

Lab Name: Eurofins Edison Job Number: 460-309671-1

SDG Number:

Matrix: Solid Instrument ID: ICPMS5

Method: 6020B MDL Date: 03/16/2023 00:00

Prep Method: 3050B

Analyte	Wavelength/ Mass	RL (mg/Kg)	MDL (mg/Kg)
Lead		0.6	0.2

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: Eurofins Edison Job Number: 460-309671-1

SDG Number:

Matrix: Solid Instrument ID: ICPMS5

Method: 6020B XMDL Date: 03/16/2023 00:00

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Lead		6	2

11-IN
LINEAR RANGES
METALS

Lab Name: Eurofins Edison Job No: 460-309671-1

SDG No.:

Instrument ID: ICPMS3 Date: 04/26/2023 00:00

Analyte	Integ. Time (Sec.)	Concentration (ug/L)	Method
Lead		20000	6020B

11-IN
LINEAR RANGES
METALS

Lab Name: Eurofins Edison Job No: 460-309671-1

SDG No.:

Instrument ID: ICPMS5 Date: 04/26/2023 00:00

Analyte	Integ. Time (Sec.)	Concentration (ug/L)	Method
Lead		20000	6020B

12-IN
PREPARATION LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Prep Method: 3010A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 460-991551/1-A	08/20/2024 22:05	991551		50	50
LCS 460-991551/2-A	08/20/2024 22:05	991551		50	50
620-20141-H-1-B DU	08/20/2024 22:05	991551		50	50
620-20141-H-1-C MS	08/20/2024 22:05	991551		50	50
460-309671-4	08/20/2024 22:05	991551		50	50

12-IN
PREPARATION LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Prep Method: 3050B

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 460-991612/1-A	08/21/2024 07:27	991612	1.00		100
LCSSRM 460-991612/2-A ^3	08/21/2024 07:27	991612	1.00		100
460-309773-C-16-J DU	08/21/2024 07:27	991612	1.00		100
460-309773-C-16-K MS	08/21/2024 07:27	991612	1.00		100
460-309773-C-16-L MSD	08/21/2024 07:27	991612	1.00		100
460-309671-1	08/21/2024 07:27	991612	1.12		100
460-309671-2	08/21/2024 07:27	991612	1.09		100

12-IN
PREPARATION LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Prep Method: 3050B

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 460-993545/1-A	08/30/2024 21:10	993545	1.00		100
LCSSRM 460-993545/2-A ^3	08/30/2024 21:10	993545	1.05		100
460-310327-F-1-B DU	08/30/2024 21:10	993545	1.35		100
460-310327-F-1-C MS	08/30/2024 21:10	993545	1.30		100
460-309671-3	08/30/2024 21:10	993545	1.27		100

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Instrument ID: ICPMS3 Method: 6020B

Start Date: 08/21/2024 12:26 End Date: 08/22/2024 02:56

Lab Sample ID	D/F	Type	Time	Analytes																			
				Pb																			
IC 460-991695/1	1		12:26	X																			
IC 460-991695/2	1		12:29	X																			
IC 460-991695/3	1		12:32	X																			
IC 460-991695/4	1		12:35	X																			
IC 460-991695/5	1		12:37	X																			
IC 460-991695/6	1		12:40	X																			
ICV 460-991695/7	1		12:43	X																			
ICB 460-991695/8	1		12:45	X																			
CRI 460-991695/9			12:47																				
ICSA 460-991695/10	1		12:50	X																			
ICSAB 460-991695/11	1		12:52	X																			
LRC 460-991695/12	1		12:55	X																			
LRC 460-991695/13	1		12:57	X																			
LRC 460-991695/14	1		12:59	X																			
ZZZZZZ			13:02																				
ZZZZZZ			13:04																				
ZZZZZZ			13:07																				
ZZZZZZ			13:09																				
CCV 460-991695/19	1		13:12	X																			
CCB 460-991695/20	1		13:14	X																			
ZZZZZZ			13:20																				
ZZZZZZ			13:22																				
ZZZZZZ			13:24																				
ZZZZZZ			13:27																				
ZZZZZZ			13:29																				
ZZZZZZ			13:32																				
ZZZZZZ			13:34																				
ZZZZZZ			13:36																				
ZZZZZZ			13:39																				
ZZZZZZ			13:41																				
CCV 460-991695/31			13:44																				
CCB 460-991695/32			13:46																				
ZZZZZZ			13:49																				
ZZZZZZ			13:51																				
ZZZZZZ			13:53																				
ZZZZZZ			13:56																				
ZZZZZZ			13:58																				
ZZZZZZ			14:01																				
ZZZZZZ			14:03																				
ZZZZZZ			14:05																				
ZZZZZZ			14:08																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Instrument ID: ICPMS3 Method: 6020B

Start Date: 08/21/2024 12:26 End Date: 08/22/2024 02:56

Lab Sample ID	D / F	Type	Time	Analytes																			
				Pb																			
ZZZZZZ			14:10																				
CCV 460-991695/43			14:13																				
CCB 460-991695/44			14:15																				
ZZZZZZ			14:18																				
ZZZZZZ			14:20																				
ZZZZZZ			14:22																				
ZZZZZZ			14:25																				
ZZZZZZ			14:27																				
ZZZZZZ			14:30																				
ZZZZZZ			14:32																				
ZZZZZZ			14:34																				
ZZZZZZ			14:37																				
ZZZZZZ			14:39																				
CCV 460-991695/55			14:42																				
CCB 460-991695/56			14:44																				
ZZZZZZ			14:46																				
ZZZZZZ			14:49																				
ZZZZZZ			14:51																				
ZZZZZZ			14:54																				
ZZZZZZ			14:56																				
ZZZZZZ			14:59																				
ZZZZZZ			15:01																				
ZZZZZZ			15:03																				
ZZZZZZ			15:06																				
CCV 460-991695/66	1		15:08	X																			
CCB 460-991695/67	1		15:11	X																			
MB 460-991551/1-A	1	T	15:13	X																			
LCS 460-991551/2-A	1	T	15:15	X																			
620-20141-H-1-A PDS	1	T	15:18	X																			
620-20141-H-1-C MS	1	T	15:20	X																			
620-20141-H-1-B DU	1	T	15:23	X																			
ZZZZZZ			15:25																				
620-20141-H-1-A SD ^5	5	T	15:28	X																			
ZZZZZZ			15:30																				
ZZZZZZ			15:32																				
ZZZZZZ			15:35																				
CCV 460-991695/78	1		15:37	X																			
CCB 460-991695/79	1		15:40	X																			
ZZZZZZ			15:44																				
ZZZZZZ			15:47																				
ZZZZZZ			15:49																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Instrument ID: ICPMS3 Method: 6020B

Start Date: 08/21/2024 12:26 End Date: 08/22/2024 02:56

Lab Sample ID	D / F	Type	Time	Analytes																			
				Pb																			
ZZZZZZ			15:51																				
ZZZZZZ			15:54																				
ZZZZZZ			15:56																				
ZZZZZZ			15:59																				
ZZZZZZ			16:01																				
ZZZZZZ			16:03																				
ZZZZZZ			16:06																				
CCV 460-991695/90			16:08																				
CCB 460-991695/91			16:11																				
ZZZZZZ			16:13																				
ZZZZZZ			16:16																				
ZZZZZZ			16:18																				
ZZZZZZ			16:20																				
ZZZZZZ			16:23																				
ZZZZZZ			16:25																				
ZZZZZZ			16:28																				
ZZZZZZ			16:30																				
ZZZZZZ			16:32																				
ZZZZZZ			16:35																				
CCV 460-991695/102			16:37																				
CCB 460-991695/103			16:40																				
ZZZZZZ			16:42																				
ZZZZZZ			16:45																				
ZZZZZZ			16:47																				
ZZZZZZ			16:49																				
ZZZZZZ			16:52																				
ZZZZZZ			16:54																				
ZZZZZZ			16:57																				
ZZZZZZ			16:59																				
ZZZZZZ			17:07																				
ZZZZZZ			17:14																				
CCV 460-991695/114			17:19																				
CCB 460-991695/115			17:21																				
ZZZZZZ			17:25																				
ZZZZZZ			17:27																				
ZZZZZZ			17:30																				
ZZZZZZ			17:32																				
ZZZZZZ			17:35																				
ZZZZZZ			17:37																				
ZZZZZZ			17:40																				
ZZZZZZ			17:42																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Instrument ID: ICPMS3 Method: 6020B

Start Date: 08/21/2024 12:26 End Date: 08/22/2024 02:56

Lab Sample ID	D / F	Type	Time	Analytes																			
				Pb																			
ZZZZZZ			17:44																				
ZZZZZZ			17:47																				
CCV 460-991695/126			17:49																				
CCB 460-991695/127			17:52																				
ZZZZZZ			17:54																				
ZZZZZZ			17:56																				
ZZZZZZ			17:59																				
ZZZZZZ			18:01																				
ZZZZZZ			18:04																				
ZZZZZZ			18:06																				
ZZZZZZ			18:08																				
ZZZZZZ			18:11																				
ZZZZZZ			18:13																				
ZZZZZZ			18:16																				
CCV 460-991695/138			18:18																				
CCB 460-991695/139			18:20																				
ZZZZZZ			18:42																				
ZZZZZZ			18:44																				
ZZZZZZ			18:47																				
ZZZZZZ			18:49																				
ZZZZZZ			18:51																				
ZZZZZZ			18:54																				
ZZZZZZ			18:56																				
ZZZZZZ			18:59																				
ZZZZZZ			19:01																				
ZZZZZZ			19:03																				
CCV 460-991695/150			19:06																				
CCB 460-991695/151			19:08																				
ZZZZZZ			19:11																				
ZZZZZZ			19:13																				
ZZZZZZ			19:15																				
ZZZZZZ			19:18																				
ZZZZZZ			19:20																				
ZZZZZZ			19:22																				
ZZZZZZ			19:25																				
ZZZZZZ			19:27																				
ZZZZZZ			19:30																				
ZZZZZZ			19:32																				
CCV 460-991695/162			19:34																				
CCB 460-991695/163			19:37																				
ZZZZZZ			19:39																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Instrument ID: ICPMS3 Method: 6020B

Start Date: 08/21/2024 12:26 End Date: 08/22/2024 02:56

Lab Sample ID	D/F	Type	Time	Analytes																			
				Pb																			
ZZZZZZ			19:42																				
ZZZZZZ			19:44																				
ZZZZZZ			19:46																				
ZZZZZZ			19:49																				
ZZZZZZ			19:51																				
ZZZZZZ			19:54																				
ZZZZZZ			19:56																				
ZZZZZZ			19:59																				
ZZZZZZ			20:01																				
CCV 460-991695/174	1		20:03	X																			
CCB 460-991695/175	1		20:06	X																			
MB 460-991612/1-A	1	T	20:09	X																			
LCSSRM 460-991612/2-A ^3	3	T	20:12	X																			
460-309773-C-16-I PDS	1	T	20:14	X																			
460-309773-C-16-L MSD	1	T	20:16	X																			
460-309773-C-16-K MS	1	T	20:19	X																			
460-309773-C-16-J DU	1	T	20:21	X																			
ZZZZZZ			20:24																				
460-309773-C-16-I SD ^5	5	T	20:26	X																			
ZZZZZZ			20:29																				
ZZZZZZ			20:31																				
CCV 460-991695/186	1		20:33	X																			
CCB 460-991695/187	1		20:36	X																			
ZZZZZZ			20:38																				
ZZZZZZ			20:41																				
ZZZZZZ			20:43																				
ZZZZZZ			20:45																				
ZZZZZZ			20:48																				
ZZZZZZ			20:50																				
ZZZZZZ			20:53																				
ZZZZZZ			20:55																				
ZZZZZZ			20:58																				
ZZZZZZ			21:00																				
CCV 460-991695/198	1		21:02	X																			
CCB 460-991695/199	1		21:05	X																			
ZZZZZZ			21:07																				
ZZZZZZ			21:10																				
ZZZZZZ			21:12																				
ZZZZZZ			21:15																				
460-309671-1	1	T	21:17	X																			

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Instrument ID: ICPMS3 Method: 6020B

Start Date: 08/21/2024 12:26 End Date: 08/22/2024 02:56

Lab Sample ID	D/F	Type	Time	Analytes																			
				Pb																			
460-309671-2	1	T	21:19	X																			
ZZZZZZ			21:22																				
ZZZZZZ			21:24																				
ZZZZZZ			21:27																				
ZZZZZZ			21:29																				
CCV 460-991695/210	1		21:31	X																			
CCB 460-991695/211	1		21:34	X																			
ZZZZZZ			21:38																				
ZZZZZZ			21:41																				
ZZZZZZ			21:43																				
ZZZZZZ			21:46																				
ZZZZZZ			21:48																				
ZZZZZZ			21:51																				
ZZZZZZ			21:53																				
ZZZZZZ			21:56																				
ZZZZZZ			21:58																				
ZZZZZZ			22:00																				
CCV 460-991695/222			22:03																				
CCB 460-991695/223			22:05																				
ZZZZZZ			22:08																				
ZZZZZZ			22:10																				
ZZZZZZ			22:13																				
ZZZZZZ			22:15																				
ZZZZZZ			22:17																				
ZZZZZZ			22:20																				
ZZZZZZ			22:22																				
ZZZZZZ			22:24																				
ZZZZZZ			22:27																				
ZZZZZZ			22:29																				
CCV 460-991695/234			22:32																				
CCB 460-991695/235			22:34																				
ZZZZZZ			22:37																				
ZZZZZZ			22:39																				
ZZZZZZ			22:41																				
ZZZZZZ			22:44																				
ZZZZZZ			22:46																				
ZZZZZZ			22:49																				
ZZZZZZ			22:51																				
ZZZZZZ			22:54																				
CCV 460-991695/244			22:56																				
CCB 460-991695/245			22:58																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Instrument ID: ICPMS3 Method: 6020B

Start Date: 08/21/2024 12:26 End Date: 08/22/2024 02:56

Lab Sample ID	D / F	Type	Time	Analytes																			
				Pb																			
CCV 460-991695/246			23:27																				
CCB 460-991695/247			23:30																				
ZZZZZZ			23:32																				
ZZZZZZ			23:34																				
ZZZZZZ			23:37																				
ZZZZZZ			23:39																				
ZZZZZZ			23:42																				
ZZZZZZ			23:44																				
CCV 460-991695/254			23:46																				
CCB 460-991695/255			23:49																				
ZZZZZZ			23:51																				
ZZZZZZ			23:54																				
ZZZZZZ			23:56																				
ZZZZZZ			23:59																				
ZZZZZZ			00:01																				
ZZZZZZ			00:03																				
ZZZZZZ			00:06																				
ZZZZZZ			00:08																				
ZZZZZZ			00:11																				
ZZZZZZ			00:13																				
CCV 460-991695/266			00:16																				
CCB 460-991695/267			00:18																				
ZZZZZZ			00:20																				
ZZZZZZ			00:23																				
ZZZZZZ			00:25																				
ZZZZZZ			00:28																				
ZZZZZZ			00:30																				
ZZZZZZ			00:32																				
ZZZZZZ			00:35																				
ZZZZZZ			00:37																				
ZZZZZZ			00:40																				
ZZZZZZ			00:42																				
CCV 460-991695/278			00:45																				
CCB 460-991695/279			00:47																				
ZZZZZZ			00:49																				
ZZZZZZ			00:52																				
ZZZZZZ			00:54																				
ZZZZZZ			00:57																				
CCV 460-991695/284			00:59																				
CCB 460-991695/285			01:02																				
ICSA 460-991695/286			01:04																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Instrument ID: ICPMS3 Method: 6020B

Start Date: 08/21/2024 12:26 End Date: 08/22/2024 02:56

Lab Sample ID	D / F	Type	Time	Analytes																			
				Pb																			
ICSAB 460-991695/287			01:06																				
ZZZZZZ			01:09																				
ZZZZZZ			01:11																				
ZZZZZZ			01:14																				
CCV 460-991695/291			01:16																				
CCB 460-991695/292			01:19																				
ZZZZZZ			01:21																				
ZZZZZZ			01:23																				
ZZZZZZ			01:26																				
ZZZZZZ			01:28																				
ZZZZZZ			01:31																				
CCV 460-991695/298			01:33																				
CCB 460-991695/299			01:36																				
ZZZZZZ			01:40																				
ZZZZZZ			01:43																				
ZZZZZZ			01:45																				
ZZZZZZ			01:48																				
ZZZZZZ			01:50																				
ZZZZZZ			01:53																				
ZZZZZZ			01:55																				
ZZZZZZ			01:58																				
ZZZZZZ			02:00																				
ZZZZZZ			02:02																				
CCV 460-991695/310			02:05																				
CCB 460-991695/311			02:07																				
ZZZZZZ			02:10																				
ZZZZZZ			02:12																				
ZZZZZZ			02:15																				
ZZZZZZ			02:17																				
ZZZZZZ			02:20																				
ZZZZZZ			02:22																				
ZZZZZZ			02:24																				
ZZZZZZ			02:27																				
ZZZZZZ			02:29																				
ZZZZZZ			02:32																				
CCV 460-991695/322			02:34																				
CCB 460-991695/323			02:37																				
ZZZZZZ			02:39																				
ZZZZZZ			02:41																				
ZZZZZZ			02:44																				
ZZZZZZ			02:46																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Instrument ID: ICPMS3 Method: 6020B

Start Date: 08/21/2024 12:26 End Date: 08/22/2024 02:56

Lab Sample ID	D / F	Type	Time	Analytes																			
				Pb																			
ZZZZZZ			02:49																				
ZZZZZZ			02:51																				
CCV 460-991695/330			02:54																				
CCB 460-991695/331			02:56																				

Prep Types

D = Dissolved

R = Total Recoverable

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Instrument ID: ICPMS3 Method: 6020B

Start Date: 08/22/2024 09:26 End Date: 08/23/2024 02:54

Lab Sample ID	D / F	Type	Time	Analytes																			
				Pb																			
IC 460-991949/1	1		09:26	X																			
IC 460-991949/2	1		09:29	X																			
IC 460-991949/3	1		09:32	X																			
IC 460-991949/4	1		09:34	X																			
IC 460-991949/5	1		09:37	X																			
IC 460-991949/6	1		09:40	X																			
ICV 460-991949/7	1		09:42	X																			
ICB 460-991949/8	1		09:45	X																			
CRI 460-991949/9			09:47																				
ICSA 460-991949/10	1		09:49	X																			
ICSAB 460-991949/11	1		09:52	X																			
LRC 460-991949/12	1		09:54	X																			
LRC 460-991949/13	1		09:57	X																			
LRC 460-991949/14	1		09:59	X																			
ZZZZZZ			10:01																				
ZZZZZZ			10:04																				
ZZZZZZ			10:06																				
ZZZZZZ			10:09																				
CCV 460-991949/19	1		10:11	X																			
CCB 460-991949/20	1		10:14	X																			
ZZZZZZ			10:16																				
ZZZZZZ			10:18																				
ZZZZZZ			10:21																				
ZZZZZZ			10:23																				
ZZZZZZ			10:26																				
ZZZZZZ			10:28																				
ZZZZZZ			10:31																				
ZZZZZZ			10:33																				
ZZZZZZ			10:35																				
CCV 460-991949/30			10:38																				
CCB 460-991949/31			10:40																				
ZZZZZZ			10:43																				
ZZZZZZ			10:45																				
ZZZZZZ			10:48																				
ZZZZZZ			10:50																				
ZZZZZZ			10:52																				
ZZZZZZ			10:55																				
ZZZZZZ			10:57																				
ZZZZZZ			11:00																				
ZZZZZZ			11:02																				
CCV 460-991949/41			11:05																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Instrument ID: ICPMS3 Method: 6020B

Start Date: 08/22/2024 09:26 End Date: 08/23/2024 02:54

Lab Sample ID	D / F	Type	Time	Analytes																			
				Pb																			
CCB 460-991949/42			11:07																				
ZZZZZZ			11:10																				
ZZZZZZ			11:12																				
ZZZZZZ			11:14																				
ZZZZZZ			11:17																				
ZZZZZZ			11:19																				
ZZZZZZ			11:22																				
ZZZZZZ			11:24																				
ZZZZZZ			11:27																				
ZZZZZZ			11:29																				
ZZZZZZ			11:32																				
CCV 460-991949/53			11:34																				
CCB 460-991949/54			11:36																				
ZZZZZZ			11:39																				
ZZZZZZ			11:41																				
ZZZZZZ			11:44																				
ZZZZZZ			11:46																				
ZZZZZZ			11:49																				
ZZZZZZ			11:51																				
ZZZZZZ			11:54																				
ZZZZZZ			11:56																				
ZZZZZZ			11:58																				
ZZZZZZ			12:01																				
CCV 460-991949/65			12:03																				
CCB 460-991949/66			12:06																				
ZZZZZZ			12:08																				
ZZZZZZ			12:11																				
ZZZZZZ			12:13																				
ZZZZZZ			12:15																				
ZZZZZZ			12:18																				
ZZZZZZ			12:20																				
ZZZZZZ			12:23																				
ZZZZZZ			12:25																				
CCV 460-991949/75			12:28																				
CCB 460-991949/76			12:30																				
ZZZZZZ			12:33																				
ZZZZZZ			12:35																				
ZZZZZZ			12:37																				
ZZZZZZ			12:40																				
ZZZZZZ			12:42																				
ZZZZZZ			12:45																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Instrument ID: ICPMS3 Method: 6020B

Start Date: 08/22/2024 09:26 End Date: 08/23/2024 02:54

Lab Sample ID	D / F	Type	Time	Analytes																			
				Pb																			
ZZZZZZ			12:47																				
ZZZZZZ			12:49																				
ZZZZZZ			12:52																				
CCV 460-991949/86			12:54																				
CCB 460-991949/87			12:57																				
ZZZZZZ			12:59																				
ZZZZZZ			13:02																				
ZZZZZZ			13:04																				
ZZZZZZ			13:07																				
ZZZZZZ			13:09																				
ZZZZZZ			13:11																				
ZZZZZZ			13:14																				
ZZZZZZ			13:16																				
CCV 460-991949/96			13:19																				
CCB 460-991949/97			13:21																				
ZZZZZZ			13:24																				
ZZZZZZ			13:26																				
ZZZZZZ			13:29																				
ZZZZZZ			13:31																				
ZZZZZZ			13:34																				
ZZZZZZ			13:36																				
ZZZZZZ			13:39																				
CCV 460-991949/105			13:41																				
CCB 460-991949/106			13:43																				
ZZZZZZ			13:46																				
ZZZZZZ			13:48																				
ZZZZZZ			13:51																				
ZZZZZZ			13:53																				
ZZZZZZ			13:56																				
ZZZZZZ			13:58																				
ZZZZZZ			14:00																				
CCV 460-991949/114			14:03																				
CCB 460-991949/115			14:05																				
ZZZZZZ			14:08																				
ZZZZZZ			14:10																				
ZZZZZZ			14:13																				
ZZZZZZ			14:15																				
ZZZZZZ			14:17																				
ZZZZZZ			14:20																				
CCV 460-991949/122			14:22																				
CCB 460-991949/123			14:25																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Instrument ID: ICPMS3 Method: 6020B

Start Date: 08/22/2024 09:26 End Date: 08/23/2024 02:54

Lab Sample ID	D / F	Type	Time	Analytes																			
				Pb																			
ZZZZZZ			14:27																				
ZZZZZZ			14:30																				
ZZZZZZ			14:32																				
ZZZZZZ			14:34																				
ZZZZZZ			14:37																				
ZZZZZZ			14:39																				
ZZZZZZ			14:42																				
CCV 460-991949/131			14:44																				
CCB 460-991949/132			14:47																				
ZZZZZZ			14:49																				
ZZZZZZ			14:51																				
ZZZZZZ			14:54																				
ZZZZZZ			14:56																				
ZZZZZZ			14:59																				
ZZZZZZ			15:01																				
ZZZZZZ			15:04																				
ZZZZZZ			15:06																				
ZZZZZZ			15:08																				
CCV 460-991949/142			15:11																				
CCB 460-991949/143			15:13																				
ZZZZZZ			15:16																				
ZZZZZZ			15:18																				
ZZZZZZ			15:21																				
ZZZZZZ			15:24																				
ZZZZZZ			15:26																				
ZZZZZZ			15:29																				
ZZZZZZ			15:31																				
ZZZZZZ			15:33																				
CCV 460-991949/152			15:36																				
CCB 460-991949/153			15:38																				
ZZZZZZ			15:41																				
ZZZZZZ			15:43																				
ZZZZZZ			15:45																				
ZZZZZZ			15:48																				
ZZZZZZ			15:50																				
ZZZZZZ			15:53																				
CCV 460-991949/160			15:55																				
CCB 460-991949/161			15:58																				
CCV 460-991949/162			16:30																				
CCB 460-991949/163			16:32																				
ZZZZZZ			16:35																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Instrument ID: ICPMS3 Method: 6020B

Start Date: 08/22/2024 09:26 End Date: 08/23/2024 02:54

Lab Sample ID	D / F	Type	Time	Analytes																			
				Pb																			
ZZZZZZ			16:37																				
ZZZZZZ			16:39																				
ZZZZZZ			16:42																				
ZZZZZZ			16:44																				
ZZZZZZ			16:47																				
CCV 460-991949/170			16:49																				
CCB 460-991949/171			16:52																				
ZZZZZZ			16:54																				
ZZZZZZ			16:56																				
ZZZZZZ			16:59																				
ZZZZZZ			17:01																				
ZZZZZZ			17:04																				
ZZZZZZ			17:06																				
ZZZZZZ			17:09																				
ZZZZZZ			17:11																				
ZZZZZZ			17:13																				
ZZZZZZ			17:16																				
CCV 460-991949/182			17:18																				
CCB 460-991949/183			17:21																				
ZZZZZZ			17:23																				
ZZZZZZ			17:26																				
ZZZZZZ			17:28																				
ZZZZZZ			17:31																				
ZZZZZZ			17:33																				
ZZZZZZ			17:35																				
ZZZZZZ			17:38																				
ZZZZZZ			17:40																				
ZZZZZZ			17:43																				
ZZZZZZ			17:45																				
CCV 460-991949/194	1		17:48	X																			
CCB 460-991949/195	1		17:50	X																			
ZZZZZZ			17:52																				
ZZZZZZ			17:55																				
ZZZZZZ			17:57																				
460-309671-4	1	T	18:00	X																			
ZZZZZZ			18:02																				
ZZZZZZ			18:05																				
ZZZZZZ			18:07																				
ZZZZZZ			18:10																				
ZZZZZZ			18:12																				
ZZZZZZ			18:14																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Instrument ID: ICPMS3 Method: 6020B

Start Date: 08/22/2024 09:26 End Date: 08/23/2024 02:54

Lab Sample ID	D / F	Type	Time	Analytes																			
				Pb																			
CCV 460-991949/206	1		18:17	X																			
CCB 460-991949/207	1		18:19	X																			
ZZZZZZ			18:22																				
ZZZZZZ			18:24																				
ZZZZZZ			18:27																				
ZZZZZZ			18:29																				
ZZZZZZ			18:31																				
ZZZZZZ			18:34																				
ZZZZZZ			18:36																				
ZZZZZZ			18:38																				
ZZZZZZ			18:41																				
ZZZZZZ			18:43																				
CCV 460-991949/218			18:46																				
CCB 460-991949/219			18:48																				
ZZZZZZ			18:51																				
ZZZZZZ			18:53																				
ZZZZZZ			18:56																				
ZZZZZZ			18:58																				
ZZZZZZ			19:00																				
ZZZZZZ			19:03																				
ZZZZZZ			19:05																				
ZZZZZZ			19:08																				
ZZZZZZ			19:10																				
ZZZZZZ			19:12																				
CCV 460-991949/230			19:15																				
CCB 460-991949/231			19:17																				
ZZZZZZ			19:20																				
ZZZZZZ			19:22																				
ZZZZZZ			19:25																				
ZZZZZZ			19:27																				
ZZZZZZ			19:29																				
ZZZZZZ			19:32																				
ZZZZZZ			19:34																				
ZZZZZZ			19:37																				
ZZZZZZ			19:39																				
ZZZZZZ			19:42																				
CCV 460-991949/242			19:44																				
CCB 460-991949/243			19:46																				
ZZZZZZ			19:49																				
ZZZZZZ			19:51																				
ZZZZZZ			19:54																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Instrument ID: ICPMS3 Method: 6020B

Start Date: 08/22/2024 09:26 End Date: 08/23/2024 02:54

Lab Sample ID	D / F	Type	Time	Analytes																			
				Pb																			
ZZZZZZ			19:56																				
ZZZZZZ			19:59																				
ZZZZZZ			20:01																				
ZZZZZZ			20:03																				
ZZZZZZ			20:06																				
ZZZZZZ			20:11																				
CCV 460-991949/253			20:13																				
CCB 460-991949/254			20:15																				
ZZZZZZ			20:18																				
ZZZZZZ			20:20																				
ZZZZZZ			20:23																				
ZZZZZZ			20:25																				
ZZZZZZ			20:28																				
ZZZZZZ			20:30																				
ZZZZZZ			20:32																				
ZZZZZZ			20:35																				
ZZZZZZ			20:37																				
ZZZZZZ			20:40																				
CCV 460-991949/265			20:42																				
CCB 460-991949/266			20:45																				
ZZZZZZ			20:47																				
ZZZZZZ			20:49																				
ZZZZZZ			20:52																				
ZZZZZZ			20:54																				
ZZZZZZ			20:57																				
ZZZZZZ			21:07																				
ZZZZZZ			21:09																				
ZZZZZZ			21:12																				
CCV 460-991949/275			21:14																				
CCB 460-991949/276			21:17																				
ZZZZZZ			21:19																				
ZZZZZZ			21:22																				
ZZZZZZ			21:24																				
ZZZZZZ			21:27																				
ZZZZZZ			21:29																				
ZZZZZZ			21:31																				
ZZZZZZ			21:34																				
ZZZZZZ			21:36																				
ZZZZZZ			21:39																				
ZZZZZZ			21:41																				
CCV 460-991949/287			21:44																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Instrument ID: ICPMS3 Method: 6020B

Start Date: 08/22/2024 09:26 End Date: 08/23/2024 02:54

Lab Sample ID	D / F	Type	Time	Analytes																			
				Pb																			
CCB 460-991949/288			21:46																				
ZZZZZZ			21:49																				
ZZZZZZ			21:51																				
ZZZZZZ			21:53																				
ZZZZZZ			21:56																				
ZZZZZZ			21:58																				
ZZZZZZ			22:01																				
ZZZZZZ			22:03																				
ZZZZZZ			22:06																				
ZZZZZZ			22:08																				
CCV 460-991949/298			22:11																				
CCB 460-991949/299			22:13																				
ICSA 460-991949/300			22:15																				
ICSAB 460-991949/301			22:18																				
ZZZZZZ			22:20																				
ZZZZZZ			22:23																				
ZZZZZZ			22:25																				
CCV 460-991949/305			22:28																				
CCB 460-991949/306			22:30																				
ZZZZZZ			22:33																				
ZZZZZZ			22:35																				
ZZZZZZ			22:37																				
ZZZZZZ			22:40																				
ZZZZZZ			22:42																				
ZZZZZZ			22:45																				
ZZZZZZ			22:47																				
ZZZZZZ			22:50																				
ZZZZZZ			22:52																				
ZZZZZZ			22:55																				
CCV 460-991949/317			22:57																				
CCB 460-991949/318			23:00																				
ZZZZZZ			23:02																				
ZZZZZZ			23:04																				
ZZZZZZ			23:07																				
ZZZZZZ			23:09																				
ZZZZZZ			23:12																				
ZZZZZZ			23:14																				
ZZZZZZ			23:17																				
ZZZZZZ			23:19																				
ZZZZZZ			23:21																				
ZZZZZZ			23:24																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Instrument ID: ICPMS3 Method: 6020B

Start Date: 08/22/2024 09:26 End Date: 08/23/2024 02:54

Lab Sample ID	D / F	Type	Time	Analytes																			
				Pb																			
CCV 460-991949/329			23:26																				
CCB 460-991949/330			23:29																				
ZZZZZZ			23:31																				
ZZZZZZ			23:34																				
ZZZZZZ			23:36																				
ZZZZZZ			23:39																				
ZZZZZZ			23:41																				
ZZZZZZ			23:44																				
ZZZZZZ			23:46																				
ZZZZZZ			23:48																				
CCV 460-991949/339			23:51																				
CCB 460-991949/340			23:53																				
ZZZZZZ			23:56																				
ZZZZZZ			23:58																				
ZZZZZZ			00:01																				
ZZZZZZ			00:03																				
ZZZZZZ			00:06																				
ZZZZZZ			00:08																				
ZZZZZZ			00:11																				
ZZZZZZ			00:13																				
ZZZZZZ			00:15																				
ZZZZZZ			00:18																				
CCV 460-991949/351			00:20																				
CCB 460-991949/352			00:23																				
ZZZZZZ			00:25																				
ZZZZZZ			00:28																				
ZZZZZZ			00:30																				
ZZZZZZ			00:33																				
ZZZZZZ			00:35																				
ZZZZZZ			00:38																				
ZZZZZZ			00:40																				
ZZZZZZ			00:42																				
ZZZZZZ			00:45																				
ZZZZZZ			00:47																				
CCV 460-991949/363			00:50																				
CCB 460-991949/364			00:52																				
ZZZZZZ			00:59																				
ZZZZZZ			01:01																				
ZZZZZZ			01:04																				
ZZZZZZ			01:06																				
ZZZZZZ			01:09																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Instrument ID: ICPMS3 Method: 6020B

Start Date: 08/22/2024 09:26 End Date: 08/23/2024 02:54

Lab Sample ID	D / F	Type	Time	Analytes																			
				Pb																			
ZZZZZZ			01:11																				
ZZZZZZ			01:14																				
ZZZZZZ			01:16																				
ZZZZZZ			01:19																				
ZZZZZZ			01:21																				
CCV 460-991949/375			01:23																				
CCB 460-991949/376			01:26																				
ZZZZZZ			01:28																				
ZZZZZZ			01:31																				
ZZZZZZ			01:33																				
ZZZZZZ			01:36																				
ZZZZZZ			01:38																				
ZZZZZZ			01:41																				
ZZZZZZ			01:43																				
ZZZZZZ			01:45																				
ZZZZZZ			01:48																				
ZZZZZZ			01:50																				
CCV 460-991949/387			01:53																				
CCB 460-991949/388			01:55																				
ZZZZZZ			01:58																				
ZZZZZZ			02:00																				
ZZZZZZ			02:03																				
ZZZZZZ			02:05																				
ZZZZZZ			02:08																				
ZZZZZZ			02:10																				
ZZZZZZ			02:12																				
ZZZZZZ			02:15																				
ZZZZZZ			02:17																				
ZZZZZZ			02:20																				
CCV 460-991949/399			02:22																				
CCB 460-991949/400			02:25																				
ZZZZZZ			02:27																				
ZZZZZZ			02:30																				
ZZZZZZ			02:32																				
ZZZZZZ			02:35																				
ZZZZZZ			02:37																				
ZZZZZZ			02:39																				
ZZZZZZ			02:42																				
ZZZZZZ			02:44																				
ZZZZZZ			02:47																				
ZZZZZZ			02:49																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Instrument ID: ICPMS3 Method: 6020B

Start Date: 08/22/2024 09:26 End Date: 08/23/2024 02:54

Lab Sample ID	D / F	Type	Time	Analytes																			
				Pb																			
CCV 460-991949/411			02:52																				
CCB 460-991949/412			02:54																				

Prep Types

R = Total Recoverable

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Instrument ID: ICPMS5 Method: 6020B

Start Date: 08/31/2024 10:03 End Date: 08/31/2024 12:46

Lab Sample ID	D / F	Type	Time	Analytes																			
				Pb																			
IC 460-993630/1	1		10:03	X																			
IC 460-993630/2	1		10:06	X																			
IC 460-993630/3	1		10:09	X																			
IC 460-993630/4	1		10:11	X																			
IC 460-993630/5	1		10:14	X																			
IC 460-993630/6	1		10:17	X																			
ICV 460-993630/7	1		10:20	X																			
ICB 460-993630/8	1		10:22	X																			
CRI 460-993630/9			10:25																				
ICSA 460-993630/10	1		10:27	X																			
ICSAB 460-993630/11	1		10:30	X																			
LRC 460-993630/12	1		10:32	X																			
LRC 460-993630/13	1		10:35	X																			
LRC 460-993630/14	1		10:37	X																			
ZZZZZZ			10:40																				
ZZZZZZ			10:42																				
ZZZZZZ			10:45																				
ZZZZZZ			10:48																				
CCV 460-993630/19	1		10:50	X																			
CCB 460-993630/20	1		10:53	X																			
MB 460-993545/1-A	1	T	11:02	X																			
LCSSRM 460-993545/2-A ^3	3	T	11:04	X																			
460-310327-F-1-A PDS	1	T	11:07	X																			
460-310327-F-1-C MS	1	T	11:09	X																			
460-310327-F-1-B DU	1	T	11:12	X																			
ZZZZZZ			11:14																				
460-310327-F-1-A SD ^5	5	T	11:17	X																			
ZZZZZZ			11:19																				
ZZZZZZ			11:22																				
ZZZZZZ			11:24																				
CCV 460-993630/31	1		11:27	X																			
CCB 460-993630/32	1		11:29	X																			
ZZZZZZ			11:32																				
ZZZZZZ			11:35																				
ZZZZZZ			11:37																				
ZZZZZZ			11:40																				
ZZZZZZ			11:42																				
460-309671-3	1	T	11:45	X																			
ZZZZZZ			11:47																				
ZZZZZZ			11:50																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Instrument ID: ICPMS5 Method: 6020B

Start Date: 08/31/2024 10:03 End Date: 08/31/2024 12:46

Lab Sample ID	D / F	Type	Time	Analytes																			
				Pb																			
ZZZZZZ			11:52																				
ZZZZZZ			11:55																				
CCV 460-993630/43	1		11:57	X																			
CCB 460-993630/44	1		12:00	X																			
ZZZZZZ			12:02																				
ZZZZZZ			12:05																				
ZZZZZZ			12:07																				
ZZZZZZ			12:10																				
CCV 460-993630/49			12:12																				
CCB 460-993630/50			12:15																				
ZZZZZZ			12:18																				
ZZZZZZ			12:20																				
ZZZZZZ			12:23																				
ZZZZZZ			12:25																				
ZZZZZZ			12:28																				
ZZZZZZ			12:30																				
ZZZZZZ			12:33																				
ZZZZZZ			12:35																				
ZZZZZZ			12:38																				
ZZZZZZ			12:41																				
CCV 460-993630/61			12:43																				
CCB 460-993630/62			12:46																				

Prep Types
T = Total/NA

15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.: Analysis Batch No.: 991695

ICP-MS Instrument ID: ICPMS3 Start Date: 08/21/2024 End Date: 08/21/2024

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Li-6	Q	Element Sc/1	Q	Element Sc/2	Q	Element Sc/3	Q	Element Ge/2	Q
IC 460-991695/1	12:26	100		100		100		100		100	
IC 460-991695/2	12:29	100		101		99		100		99	
IC 460-991695/3	12:32	104		100		98		99		99	
IC 460-991695/4	12:35	102		101		99		98		101	
IC 460-991695/5	12:37	98		99		97		98		100	
IC 460-991695/6	12:40	95		100		101		100		102	
ICV 460-991695/7	12:43	97		100		102		101		103	
ICB 460-991695/8	12:45	99		100		102		100		100	
ICSA 460-991695/10	12:50	91		98		101		99		101	
ICSAB 460-991695/11	12:52	90		99		101		100		101	
LRC 460-991695/12	12:55	89		97		99		96		99	
LRC 460-991695/13	12:57	81		95		99		99		95	
LRC 460-991695/14	12:59	89		94		98		94		99	
CCV 460-991695/19	13:12	97		97		98		96		99	
CCB 460-991695/20	13:14	99		97		98		98		96	
CCV 460-991695/66	15:08	90		96		95		94		96	
CCB 460-991695/67	15:11	95		96		97		95		96	
MB 460-991551/1-A	15:13	94		96		98		96		95	
LCS 460-991551/2-A	15:15	94		99		98		96		98	
620-20141-H-1-A PDS	15:18	90		96		97		95		99	
620-20141-H-1-C MS	15:20	90		98		97		95		99	
620-20141-H-1-B DU	15:23	91		99		97		97		99	
620-20141-H-1-A SD	15:28	93		98		99		96		100	
^5 CCV 460-991695/78	15:37	90		95		96		94		98	
CCB 460-991695/79	15:40	91		98		96		94		94	
CCV 460-991695/174	20:03	85		92		92		90		93	
CCB 460-991695/175	20:06	85		94		91		88		90	
MB 460-991612/1-A	20:09	84		91		91		90		91	
LCSSRM	20:12	87		92		91		89		92	
460-991612/2-A ^3 460-309773-C-16-I	20:14	83		92		90		89		90	
PDS 460-309773-C-16-L	20:16	85		93		93		92		92	
MSD 460-309773-C-16-K	20:19	87		98		98		97		96	
MS 460-309773-C-16-J	20:21	85		98		101		99		98	
DU 460-309773-C-16-I	20:26	87		101		100		99		98	
SD ^5 CCV 460-991695/186	20:33	88		94		94		90		95	
CCB 460-991695/187	20:36	86		96		93		92		91	

FORM XV - IN

15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.: Analysis Batch No.: 991695

ICP-MS Instrument ID: ICPMS3 Start Date: 08/21/2024 End Date: 08/21/2024

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Li-6	Q	Element Sc/1	Q	Element Sc/2	Q	Element Sc/3	Q	Element Ge/2	Q
CCV 460-991695/198	21:02	88		97		96		96		97	
CCB 460-991695/199	21:05	88		97		100		96		96	
460-309671-1	21:17	83		101		102		100		96	
460-309671-2	21:19	85		98		100		99		97	
CCV 460-991695/210	21:31	82		99		100		98		100	
CCB 460-991695/211	21:34	81		96		102		100		97	
IS Name on Instrument											

15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.: Analysis Batch No.: 991695

ICP-MS Instrument ID: ICPMS3 Start Date: 08/21/2024 End Date: 08/21/2024

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Ge/3	Q	Element In	Q	Element Tb	Q	Element Bi	Q	Element	Q
IC 460-991695/1	12:26	100		100		100		100			
IC 460-991695/2	12:29	100		100		100		99			
IC 460-991695/3	12:32	99		101		99		99			
IC 460-991695/4	12:35	102		98		99		98			
IC 460-991695/5	12:37	102		99		99		95			
IC 460-991695/6	12:40	103		98		99		95			
ICV 460-991695/7	12:43	104		100		100		96			
ICB 460-991695/8	12:45	101		101		100		98			
ICSA 460-991695/10	12:50	103		98		97		90			
ICSAB 460-991695/11	12:52	103		97		96		90			
LRC 460-991695/12	12:55	100		96		96		96			
LRC 460-991695/13	12:57	98		93		91		82			
LRC 460-991695/14	12:59	99		92		92		87			
CCV 460-991695/19	13:12	100		97		99		96			
CCB 460-991695/20	13:14	99		99		98		98			
CCV 460-991695/66	15:08	98		95		95		92			
CCB 460-991695/67	15:11	96		96		95		94			
MB 460-991551/1-A	15:13	96		96		95		95			
LCS 460-991551/2-A	15:15	98		96		96		96			
620-20141-H-1-A PDS	15:18	100		96		96		93			
620-20141-H-1-C MS	15:20	100		96		96		94			
620-20141-H-1-B DU	15:23	100		96		95		93			
620-20141-H-1-A SD	15:28	101		97		96		95			
^5 CCV 460-991695/78	15:37	98		94		95		92			
CCB 460-991695/79	15:40	96		96		95		95			
CCV 460-991695/174	20:03	94		89		89		87			
CCB 460-991695/175	20:06	91		89		87		87			
MB 460-991612/1-A	20:09	94		91		89		89			
LCSSRM	20:12	93		88		89		86			
460-991612/2-A ^3 460-309773-C-16-I	20:14	92		87		87		84			
PDS 460-309773-C-16-L	20:16	94		87		88		85			
MSD 460-309773-C-16-K	20:19	99		92		92		88			
MS 460-309773-C-16-J	20:21	99		93		93		89			
DU 460-309773-C-16-I	20:26	100		96		93		90			
SD ^5 CCV 460-991695/186	20:33	95		90		91		89			
CCB 460-991695/187	20:36	93		92		91		90			

FORM XV - IN

15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.: Analysis Batch No.: 991695

ICP-MS Instrument ID: ICPMS3 Start Date: 08/21/2024 End Date: 08/21/2024

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Ge/3	Q	Element In	Q	Element Tb	Q	Element Bi	Q	Element	Q
CCV 460-991695/198	21:02	100		95		93		90			
CCB 460-991695/199	21:05	97		95		93		92			
460-309671-1	21:17	98		91		91		86			
460-309671-2	21:19	99		93		92		88			
CCV 460-991695/210	21:31	102		95		92		88			
CCB 460-991695/211	21:34	98		96		91		89			
IS Name on Instrument											

15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.: Analysis Batch No.: 991949

ICP-MS Instrument ID: ICPMS3 Start Date: 08/22/2024 End Date: 08/22/2024

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Li-6	Q	Element Sc/1	Q	Element Sc/2	Q	Element Sc/3	Q	Element Ge/2	Q
IC 460-991949/1	09:26	100		100		100		100		100	
IC 460-991949/2	09:29	99		101		100		101		99	
IC 460-991949/3	09:32	98		100		102		100		101	
IC 460-991949/4	09:34	97		101		103		100		103	
IC 460-991949/5	09:37	100		100		98		99		99	
IC 460-991949/6	09:40	99		98		99		97		100	
ICV 460-991949/7	09:42	98		99		98		97		99	
ICB 460-991949/8	09:45	99		97		99		98		97	
ICSA 460-991949/10	09:49	93		96		97		95		97	
ICSAB 460-991949/11	09:52	95		95		96		95		96	
LRC 460-991949/12	09:54	94		95		91		89		92	
LRC 460-991949/13	09:57	87		93		97		98		92	
LRC 460-991949/14	09:59	91		91		91		90		94	
CCV 460-991949/19	10:11	99		93		91		89		93	
CCB 460-991949/20	10:14	97		92		91		91		90	
CCV 460-991949/194	17:48	91		89		85		85		87	
CCB 460-991949/195	17:50	89		88		88		85		86	
460-309671-4	18:00	89		90		86		85		87	
CCV 460-991949/206	18:17	85		89		86		83		87	
CCB 460-991949/207	18:19	90		89		85		84		83	
IS Name on Instrument											

15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.: Analysis Batch No.: 991949

ICP-MS Instrument ID: ICPMS3 Start Date: 08/22/2024 End Date: 08/22/2024

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Ge/3	Q	Element In	Q	Element Tb	Q	Element Bi	Q	Element	Q
IC 460-991949/1	09:26	100		100		100		100			
IC 460-991949/2	09:29	101		99		100		100			
IC 460-991949/3	09:32	101		100		100		100			
IC 460-991949/4	09:34	103		99		100		98			
IC 460-991949/5	09:37	102		97		99		97			
IC 460-991949/6	09:40	101		95		97		94			
ICV 460-991949/7	09:42	101		97		98		97			
ICB 460-991949/8	09:45	98		98		98		98			
ICSA 460-991949/10	09:49	99		93		95		91			
ICSAB 460-991949/11	09:52	99		93		95		90			
LRC 460-991949/12	09:54	93		91		93		96			
LRC 460-991949/13	09:57	96		90		91		83			
LRC 460-991949/14	09:59	95		90		93		89			
CCV 460-991949/19	10:11	94		91		96		94			
CCB 460-991949/20	10:14	93		93		96		97			
CCV 460-991949/194	17:48	91		86		89		88			
CCB 460-991949/195	17:50	88		88		90		91			
460-309671-4	18:00	91		88		90		91			
CCV 460-991949/206	18:17	90		85		88		87			
CCB 460-991949/207	18:19	88		86		89		89			
IS Name on Instrument											

15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.: Analysis Batch No.: 993630

ICP-MS Instrument ID: ICPMS5 Start Date: 08/31/2024 End Date: 08/31/2024

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Li-6	Q	Element Sc/1	Q	Element Sc/2	Q	Element Sc/3	Q	Element Ge/2	Q
IC 460-993630/1	10:03	100		100		100		100		100	
IC 460-993630/2	10:06	98		100		95		100		100	
IC 460-993630/3	10:09	98		98		98		99		101	
IC 460-993630/4	10:11	98		101		100		101		102	
IC 460-993630/5	10:14	99		102		101		99		103	
IC 460-993630/6	10:17	101		101		98		98		103	
ICV 460-993630/7	10:20	102		102		99		102		102	
ICB 460-993630/8	10:22	102		102		99		102		101	
ICSA 460-993630/10	10:27	97		100		97		101		105	
ICSAB 460-993630/11	10:30	100		102		98		99		104	
LRC 460-993630/12	10:32	94		97		91		90		94	
LRC 460-993630/13	10:35	95		102		103		109		104	
LRC 460-993630/14	10:37	89		91		89		92		96	
CCV 460-993630/19	10:50	95		98		93		94		97	
CCB 460-993630/20	10:53	95		96		92		94		92	
MB 460-993545/1-A	11:02	96		96		92		93		92	
LCSSRM	11:04	99		98		91		92		95	
460-993545/2-A ^3 460-310327-F-1-A	11:07	93		97		94		96		96	
PDS 460-310327-F-1-C MS	11:09	95		100		96		99		98	
460-310327-F-1-B DU	11:12	102		105		101		105		103	
460-310327-F-1-A SD	11:17	104		108		104		108		109	
^5 CCV 460-993630/31	11:27	100		104		100		103		103	
CCB 460-993630/32	11:29	106		109		104		108		104	
460-309671-3	11:45	92		100		95		98		98	
CCV 460-993630/43	11:57	97		101		96		98		100	
CCB 460-993630/44	12:00	99		101		97		99		97	
IS Name on Instrument											

15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.: Analysis Batch No.: 993630

ICP-MS Instrument ID: ICPMS5 Start Date: 08/31/2024 End Date: 08/31/2024

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Ge/3	Q	Element In	Q	Element Tb	Q	Element Bi	Q	Element	Q
IC 460-993630/1	10:03	100		100		100		100			
IC 460-993630/2	10:06	101		99		99		99			
IC 460-993630/3	10:09	102		99		99		99			
IC 460-993630/4	10:11	103		100		99		98			
IC 460-993630/5	10:14	104		99		99		97			
IC 460-993630/6	10:17	105		98		99		95			
ICV 460-993630/7	10:20	105		100		100		98			
ICB 460-993630/8	10:22	104		102		101		100			
ICSA 460-993630/10	10:27	109		98		98		93			
ICSAB 460-993630/11	10:30	108		97		96		93			
LRC 460-993630/12	10:32	94		89		92		91			
LRC 460-993630/13	10:35	113		102		103		94			
LRC 460-993630/14	10:37	97		88		90		86			
CCV 460-993630/19	10:50	98		90		91		90			
CCB 460-993630/20	10:53	96		94		94		94			
MB 460-993545/1-A	11:02	94		92		93		93			
LCSSRM	11:04	96		89		92		90			
460-993545/2-A ^3 460-310327-F-1-A	11:07	99		90		95		92			
PDS 460-310327-F-1-C MS	11:09	102		96		99		95			
460-310327-F-1-B DU	11:12	107		97		102		97			
460-310327-F-1-A SD	11:17	113		104		105		102			
^5 CCV 460-993630/31	11:27	110		103		102		99			
CCB 460-993630/32	11:29	109		106		103		103			
460-309671-3	11:45	101		94		98		94			
CCV 460-993630/43	11:57	101		95		97		94			
CCB 460-993630/44	12:00	101		98		97		98			
IS Name on Instrument											

METALS BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Batch Number: 991551 Batch Start Date: 08/20/24 22:05 Batch Analyst: Esteban, Gared A

Batch Method: 3010A Batch End Date: 08/21/24 02:35

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	ME_ipmsSPK 00053			
MB 460-991551/1		3010A, 6020B			50 mL	50 mL				
LCS 460-991551/2		3010A, 6020B			50 mL	50 mL	0.25 mL			
620-20141-H-1 DU		3010A, 6020B		T	50 mL	50 mL				
620-20141-H-1 MS		3010A, 6020B		T	50 mL	50 mL	0.25 mL			
460-309671-F-4	FB-1-081524	3010A, 6020B	Water	T	50 mL	50 mL				

Batch Notes	
Digestion Tube/Cup ID	Lot # 223081104-4121-IM (Env. Exp. 100 ml Dg Cups)
Pipette/Syringe/Dispenser ID	#4
Analyst ID - Spike Analyst	GE
Sufficient Volume for Batch QC	YES
Hydrochloric Acid ID	1:1 DHCL Lot MPR 404 = 5 ml.
Nitric Acid ID	Lot # 241938 (Fisher Chemical Brand) = 3 ml.
Digestion Unit ID	#3
Thermometer ID	Metals 8 (CF +1 deg C)
Thermometer Location ID	Hot Block 3
Temperature - Uncorrected - Start	90 uncorr Degrees C
Temperature - Corrected - Start	91 corr Degrees C
Digestion Start Time	08/20/2024 22:05
Digestion End Time	08/21/2024 00:35
Temperature - Uncorrected - End	90 uncorr Degrees C
Temperature - Corrected - End	91 corr Degrees C
Filter ID	09-790F
MB Hotblock Location	Hood #4 Metal's

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Batch Number: 991612 Batch Start Date: 08/21/24 08:30 Batch Analyst: Tupayachi, Fiorella B

Batch Method: 3050B Batch End Date: 08/21/24 13:30

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	ME_ipmsSPK 00053	ME_LCSS_123 00004		
MB 460-991612/1		3050B, 6020B			1.00 g	100 mL				
LCSSRM 460-991612/2		3050B, 6020B			1.00 g	100 mL		1 g		
460-309773-C-16 DU		3050B, 6020B		T	1.00 g	100 mL				
460-309773-C-16 MS		3050B, 6020B		T	1.00 g	100 mL	1 mL			
460-309773-C-16 MSD		3050B, 6020B		T	1.00 g	100 mL	1 mL			
460-309671-F-1	20240815_UCS_INT-1-7.5-8	3050B, 6020B	Solid	T	1.12 g	100 mL				
460-309671-F-2	20240815_UCS_INT-2-6.5-7	3050B, 6020B	Solid	T	1.09 g	100 mL				

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Batch Number: 991612 Batch Start Date: 08/21/24 08:30 Batch Analyst: Tupayachi, Fiorella B

Batch Method: 3050B Batch End Date: 08/21/24 13:30

Batch Notes	
Balance ID	#35
Digestion Tube/Cup ID	Lot # LV 23120109-D-4059-IM (ENV EXP 50mL)
Pipette/Syringe/Dispenser ID	#36 #93
Analyst ID - Spike Analyst	FT
Hydrochloric Acid ID	Lot # 235270 (Fisher Chemical Brand) = 10 ml.
Nitric Acid ID	Lot # 240239 (Fisher Chemical Brand) = 10 ml.
Hydrogen Peroxide ID	FISHER CHEMICALS LOT # 235089
Digestion Unit ID	HOT BLOCK 8
Thermometer ID	MP-2
Thermometer Location ID	HOTBLOCK 8
Filter ID	09-790F
Temperature - Uncorrected - Start	91 Degrees C
Temperature - Corrected - Start	92 Degrees C
Temperature - Uncorrected - End	91 Degrees C
Temperature - Corrected - End	92 Degrees C
Digestion Start Time	08/21/2024 09:00
Digestion End Time	08/21/2024 11:00
MB Hotblock Location	Hood #7

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Batch Number: 993545 Batch Start Date: 08/30/24 21:10 Batch Analyst: Esteban, Gared A

Batch Method: 3050B Batch End Date: 08/31/24 02:10

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	ME_ipmsSPK 00053	ME_LCSS_124 00001		
MB 460-993545/1		3050B, 6020B			1.00 g	100 mL				
LCSSRM 460-993545/2		3050B, 6020B			1.05 g	100 mL		1.05 g		
460-310327-F-1 DU		3050B, 6020B		T	1.35 g	100 mL				
460-310327-F-1 MS		3050B, 6020B		T	1.30 g	100 mL	1 mL			
460-309671-E-3	20240815_UCS_INT-3-7.5-8	3050B, 6020B	Solid	T	1.27 g	100 mL				

Batch Notes	
Balance ID	#35
Digestion Tube/Cup ID	Lot # LV23120109-D-4059-IM (ENV EXP 50mL)
Pipette/Syringe/Dispenser ID	#4
Analyst ID - Spike Analyst	GE
Hydrochloric Acid ID	Lot # 235270 (Fisher Chemical Brand) = 10 ml.
Nitric Acid ID	Lot # 241938 (Fisher Chemical Brand) = 10 ml.
Hydrogen Peroxide ID	FISHER CHEMICALS Batch # 235089
Digestion Unit ID	HOT BLOCK 1
Thermometer ID	Metals-7 (cf 0)
Filter ID	09-790F
Temperature - Uncorrected - Start	90 Degrees C
Temperature - Corrected - Start	90 Degrees C
Temperature - Uncorrected - End	90 Degrees C
Temperature - Corrected - End	90 Degrees C
Digestion Start Time	08/30/2024 21:10
Digestion End Time	08/30/2024 23:10
MB Hotblock Location	Hood #8

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job Number: 460-309671-1

SDG No.:

Project: Bellwether District Holdings, LLC (BDH)

Client Sample ID	Lab Sample ID
20240815_UCS_INT-1-7.5-8	460-309671-1
20240815_UCS_INT-2-6.5-7	460-309671-2
20240815_UCS_INT-3-7.5-8	460-309671-3

Comments:

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job Number: 460-309671-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: Moisture RL Date: 02/15/2007 17:07

Analyte	Wavelength/ Mass	RL (%)	
Percent Moisture		1	
Percent Solids		1	

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job Number: 460-309671-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: Moisture XRL Date: 01/01/2007 16:49

Analyte	Wavelength/ Mass	XRL (%)	
Percent Moisture		1	
Percent Solids		1	

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 08/16/2024 17:34 End Date: 08/16/2024 20:46

Lab Sample ID	D / F	Type	Time	Analytes																			
				% Sol	Moist																		
ZZZZZZ			17:34																				
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460-309650-A-1 MS	1	T	17:34	X	X																		
460-309650-B-1 MSD	1	T	17:34	X	X																		

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Edison   Job No.: 460-309671-1

SDG No.:

Instrument ID: NOEQUIP   Method: Moisture

Start Date: 08/16/2024 17:34   End Date: 08/16/2024 20:46

Lab Sample ID	D/F	Type	Time	Analytes																			
				%Sol	Moist																		
ZZZZZZ			17:34																				
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460-309650-A-6 DU	1	T	17:34	X	X																		
ZZZZZZ			17:34																				
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460-309671-1	1	T	17:34	X	X																		
460-309671-2	1	T	17:34	X	X																		
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13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 08/16/2024 17:34 End Date: 08/16/2024 20:46

Lab Sample ID	D / F	Type	Time	Analytes																				
				% Sol	Moist																			
ZZZZZZ			19:20																					
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Prep Types
T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 08/28/2024 16:57 End Date: 08/28/2024 19:14

Lab Sample ID	D / F	Type	Time	Analytes																				
				% Sol	Moist																			
ZZZZZZ			16:57																					
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460-310255-A-2 MS	1	T	16:57	X	X																			
460-310255-A-2 MSD	1	T	16:57	X	X																			
460-310255-A-2 MSS	1	T	16:57	X	X																			
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13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 08/28/2024 16:57 End Date: 08/28/2024 19:14

Lab Sample ID	D / F	Type	Time	Analytes																			
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13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 08/28/2024 16:57 End Date: 08/28/2024 19:14

Lab Sample ID	D / F	Type	Time	Analytes																			
				% Sol	Moist																		
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460-310298-A-3 DU	1	T	17:08	X	X																		
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460-309671-3	1	T	19:14	X	X																		
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13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 08/28/2024 16:57 End Date: 08/28/2024 19:14

Lab Sample ID	D / F	Type	Time	Analytes																			
				% Sol	Moist																		
ZZZZZZ			19:14																				
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Prep Types
T = Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Batch Number: 990941 Batch Start Date: 08/16/24 17:34 Batch Analyst: Cho, Claudia J

Batch Method: Moisture Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry	%_Moisture	%_Solid
460-309650-A-1 MS		Moisture		T		5.39 g	12.20 g	11.41 g	11.6005873715125 %	88.3994126284875 %
460-309650-B-1 MSD		Moisture		T		5.39 g	12.20 g	11.41 g	11.6005873715125 %	88.3994126284875 %
460-309650-A-6 DU		Moisture		T	4	26.58 g	31.94 g	31.49 g	8.3955223880597 %	91.6044776119403 %
460-309671-D-1	20240815_UCS_INT-1-7.5-8	Moisture	Solid	T		5.39 g	39.35 g	31.88 g	21.9964664310954 %	78.0035335689046 %
460-309671-D-2	20240815_UCS_INT-2-6.5-7	Moisture	Solid	T		5.39 g	36.06 g	30.14 g	19.3022497554614 %	80.6977502445386 %

Batch Notes	
Balance ID	106
Oven ID	dm3250
Thermometer ID	100
Date samples were placed in the oven	08/16/2024
Time samples were place in the oven	17:55
Temperature - Start - Uncorrected	100 Degrees C
Oven Temp In	100 Degrees C
Date samples were removed from oven	08/16/2024
Time Samples were removed from oven	18:15
Temperature - End - Uncorrected	100 Degrees C
Oven Temp Out	100 Degrees C
Batch Comment	microwave

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-309671-1

SDG No.:

Batch Number: 993032 Batch Start Date: 08/28/24 16:57 Batch Analyst: Cho, Claudia J

Batch Method: Moisture Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry	%_Moisture	%_Solid
460-310255-A-2 MS		Moisture		T		5.39 g	40.88 g	40.70 g	0.507185122569695 %	99.4928148774303 %
460-310255-A-2 MSD		Moisture		T		5.39 g	40.88 g	40.70 g	0.507185122569695 %	99.4928148774303 %
460-310255-A-2 MSS		Moisture		T		5.39 g	40.88 g	40.70 g	0.507185122569695 %	99.4928148774303 %
460-310298-A-3 DU		Moisture		T	34	30.87 g	35.76 g	35.38 g	7.77096114519431 %	92.2290388548057 %
460-309671-D-3	20240815_UCS_INT-3-7.5-8	Moisture	Solid	T		5.39 g	36.88 g	29.45 g	23.5947919974595 %	76.4052080025405 %

Batch Notes	
Balance ID	106
Oven ID	dm3250
Thermometer ID	100
Date samples were placed in the oven	08/28/2024
Time samples were place in the oven	17:30
Temperature - Start - Uncorrected	100 Degrees C
Oven Temp In	100 Degrees C
Date samples were removed from oven	08/28/2024
Time Samples were removed from oven	17:50
Temperature - End - Uncorrected	100 Degrees C
Oven Temp Out	100 Degrees C
Batch Comment	microwave

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Subcontract Data

Shipping and Receiving Documents

Chain of Custody Record

urofins Edison
77 New Durham Road

dison NJ 08817-2859
none 732.549.3900 fax 732.549.3679

eurofins Environment Testing America

2 C Kop 2

Regulatory Program ☐ DW ☐ NPDES ☐ RCRA ☑ Other PADEP

Eurofins Environment Testing Americ

Client Contact	Project Manager: Vince Carbone	Site Contact: S. Chubb	Date:	COC No:
angan Engineering	Email: Vcarbone@langan.com	Lab Contact:	Carrier:	1 of 1 COCs
318 Market Street, Suite 3300	Tel/Fax: (215) 845-8919			TALS Project #:
hiladelphia, PA 19103	Analysis Turnaround Time			Sampler:
15-845-8900 Phone	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
15-845-8901 FAX	TAT if different from Below _____			Walk-in Client:
roject Name: UCS Investigation	☐ 2 weeks			Lab Sampling:
ite: Philadelphia, PA	☐ 1 week			
O # 220181803	☐ 2 days			Job / SDG No.: 309671
	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	PES Act 2 Short List from PESRM 8260D	Lead 6020B	EBD + DBCP 8011	(MOD) PESRM Act 2 Shortlist from PESRM	Sample Specific Notes:
20240815_UCS_INT-1-7.5-8	8/15/24	9:45	G	SOIL	6			X	X	X	X	-1
20240815_UCS_INT-2-6.5-7	↓	9:55	G	↓	↓			X	X	X	X	-2
20240815_UCS_INT-3-7.5-8	↓	10:05	G	↓	↓			H	H	H	H	-3
												-4
												-5

SHORT HOLD

460-309671 Chain of Custody

Page 1757 of 1763

reservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

ossible Hazard Identification
re any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the omments Section if the lab is to dispose of the sample.

☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

pecial Instructions/QC Requirements & Comments. X = Analyze, H = HOLD. Include Agoldberg@langan.com and schubb@langan.com on all email correspondance.

Fedex

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.		Cooler Temp. (°C): Obs'd: _____ Corr'd. _____ Therm ID No.: _____		
elinquished by:	Company: LANGAN	Date/Time:	Received by:	Company: EETN-KOP	Date/Time: 8/15/24 1636
elinquished by:	Company: EETN-KOP	Date/Time: 8/15/24 1643	Received by:	Company:	Date/Time: 8/16/24 10:10
elinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

8/19/2024 1:05:41 PM

IRQ 1.1 & 1.5C

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 309671

Number of Coolers: 1 IR Gun # 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	1.1 °C	1.5 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	°C	°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other
4				<2											

If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

Preservative Name/Conc. _____ Volume of Preservative used (ml): _____

Lot # of Preservative(s): _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

** Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

EDS-WI-038, Rev 4.1
10/22/2019

Initials: [signature] Date: 5/16/24

9/9/2024
1:05:41 PM

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Grieco, Patricia	Carrier Tracking No(s):	COC No: 460-71961.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: Patricia.Grieco@et.eurofinsus.com	State of Origin: Pennsylvania	Page: Page 1 of 1
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New Jersey		Job #: 460-309671-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 8/27/2024	Analysis Requested		Preservation Codes: -
City: Lancaster	TAT Requested (days):			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #:			
Email:	WO #:			
Project Name: Bellwether District Holdings, LLC (BDH)	Project #: 46043537			Other:
Site:	SSOW#:			

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8011/8011_Soil_Prep (MOD) EDB	8011/8011_Prep (MOD) EDB	Total Number of containers	Special Instructions/Note:
20240815_UCS_INT-1-7.5-8 (460-309671-1)	8/15/24	09:45 Eastern		Solid			X		1	
20240815_UCS_INT-2-6.5-7 (460-309671-2)	8/15/24	09:55 Eastern		Solid			X		1	
FB-1-081524 (460-309671-4)	8/15/24	09:10 Eastern		Water				X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Northeast, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 4	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		8/19/24 1603	ET		8/19/24 1603	ET
2		8/19/24 1955	ET			
3					8/19/24 1955	ET

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:
	Not Present	0.3-0.5/0.2

9/9/2024
1:05:41 PM

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Grieco, Patricia	Carrier Tracking No(s):	COC No: 460-72027.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: Patricia.Grieco@et.eurofinsus.com	State of Origin: Pennsylvania	Page: Page 1 of 1
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New Jersey		Job #: 460-309671-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 9/9/2024	Analysis Requested		Preservation Codes: -
City: Lancaster	TAT Requested (days):			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #:			
Email:	WO #:			
Project Name: Bellwether District Holdings, LLC (BDH)	Project #: 46043537			
Site:	SSOW#:			Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8011/8011_Soil_Prep (MOD) EDB	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
20240815_UCS_INT-3-7.5-8 (460-309671-3)	8/15/24	10:05 Eastern	G	Solid			X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Northeast, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 4	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time: 8/30/24 1555	Company: ET	Received by:	Date/Time: 8/30/24 1555	Company: ET
Relinquished by:	Date/Time: 8/30/24 1857	Company: ET	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 8/30/24 1857	Company: ET

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: raw 3.3 corr 3.9

9/9/2024
1:05:41 PM

Login Sample Receipt Checklist

Client: Langan Engineering and Environmental Services LLC

Job Number: 460-309671-1

Login Number: 309671
List Number: 1
Creator: Lysy, Susan

List Source: Eurofins Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	False	Refer to Job Narrative for details.
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	Refer to Job Narrative for details.
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Langan Engineering and Environmental Services LLC

Job Number: 460-309671-1

Login Number: 309671
List Number: 2
Creator: Wrye, Shaun

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 08/20/24 12:13 AM

Question	Answer	Comment
The cooler's custody seal is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample custody seals are intact.	N/A	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	False	Headspace greater than 6mm in diameter in some but not all containers

Login Sample Receipt Checklist

Client: Langan Engineering and Environmental Services LLC

Job Number: 460-309671-1

Login Number: 309671
List Number: 3
Creator: Metzger, Katherine A

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 08/30/24 07:49 PM

Question	Answer	Comment
The cooler's custody seal is intact.	N/A	Not present
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample custody seals are intact.	N/A	Not present.
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

LANGAN
ENGINEERING & ENVIRONMENTAL SERVICES

Technical Memorandum

1 University Square Drive Princeton, NJ 08540 T: 609.282.8000
Mailing Address: 1 University Square Drive Princeton, NJ 08540

To: Adam Goldberg, Langan Senior Project Scientist

From: Joe Conboy, Langan Senior Staff Chemist

Date: July 1, 2024

Re: Data Usability Assessment
For PESRM PWD, Philadelphia, PA
May 2024 Soil Samples
Langan Project No.: 220181803

This memorandum presents the findings of an analytical data validation from the analysis of soil samples collected in May 2024 by Langan Engineering and Environmental Services at the PESRM PWD site located in Philadelphia, Pennsylvania. The samples were analyzed by Eurofins Edison, located in Edison, New Jersey and Eurofins Lancaster located in Lancaster, Pennsylvania (NELAP registration #36-00037) for volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), 1,2-dibromoethane (EDB), lead using the analytical methods specified below.

- VOCs by SW-846 Method 8260D
- SVOCs by SW-846 Method 8270E
- EDB by SW-846 Method 8011
- Lead by SW-846 Methods 6020B

Table 1, attached, summarizes the laboratory and client sample identification numbers, sample collection dates, and analytical parameters subject to review.

VALIDATION OVERVIEW

This data validation was performed in accordance with the following guidelines, where applicable:

- USEPA Contract Laboratory Program "National Functional Guidelines for Organic Superfund Methods Data Review" (EPA 540- R-20-005, November 2020)
- USEPA Contract Laboratory Program "National Functional Guidelines for Inorganic Superfund Methods Data Review" (EPA 540- R-20-005, November 2020), and
- published analytical methodologies.

The following acronyms may be used in the discussion of data-quality issues:

%D	Percent Difference	MB	Method Blank
CCV	Continuing Calibration Verification	MDL	Method Detection Limit
FB	Field Blank	MS	Matrix Spike
FD	Field Duplicate	MSD	Matrix Spike Duplicate
ICAL	Initial Calibration	RF	Response Factor
ICV	Initial Calibration Verification	RL	Reporting Limit
ISTD	Internal Standard	RPD	Relative Percent Difference
LCL	Lower Control Limit	RSD	Relative Standard Deviation
LCS	Laboratory Control Sample	TB	Trip Blank
LCSD	Laboratory Control Sample Duplicate	UCL	Upper Control Limit

Tier 1 data validation is based on completeness and compliance checks of sample-related QC results including: sample receipt documentation; analytical holding times; sample preservation; blank results (method, field, and trip); surrogate recoveries; MS/MSD recoveries and RPDs values; field duplicate RPDs, laboratory duplicate RPDs, and LCS/LCSD recoveries and RPDs. The SDG 460-303245-1 underwent Tier 1 validation review.

As a result of the review process, the following qualifiers may be assigned to the data in accordance with the USEPA's guidelines and best professional judgment:

- **R –** The sample results are unusable due to the quality of the data generated because certain criteria were not met. The analyte may or may not be present in the sample.
- **J –** The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.
- **UJ –** The analyte was not detected at a level greater than or equal to the reporting limit (RL); however, the reported RL is approximate and may be inaccurate or imprecise.
- **U –** The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank contamination.
- **NJ –** The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

If any validation qualifiers are assigned these qualifiers supersede any laboratory-applied qualifiers. Data that is not qualified as a result of this data validation is considered acceptable on the basis of the items subject to review. Data that is qualified as "R" are not sufficiently valid and technically supportable to be used for data interpretation. Data that is otherwise qualified due to minor data quality anomalies are usable, as qualified and listed in Table 2 (attached).

MAJOR DEFICIENCIES:

Major deficiencies include those that grossly impact data quality and necessitate the rejection of results. No major deficiencies were identified.

MINOR DEFICIENCIES:

Minor deficiencies include anomalies that directly impact data quality and necessitate qualification, but do not result in unusable data. No minor deficiencies were identified.

OTHER DEFICIENCIES:

Other deficiencies include anomalies that do not directly impact data quality and do not necessitate qualification. No other deficiencies were identified.

FIELD DUPLICATE:

One field duplicate and parent sample pair was collected and analyzed for all parameters. For results less than 5X the RL, analytes meet the precision criteria if the absolute difference is less than ±2X the RL. For results greater than 5X the RL, analytes meet the precision criteria if the RPD is less than or equal to 50% for soil. The following field duplicate and parent sample pair was compared to and met the precision criteria:

- DUP-2_050324 and 240503_PWD_SOIL5_6.0-6.5

CONCLUSION:

On the basis of this evaluation, the laboratory appears to have followed the specified analytical methods with the exception of errors discussed above. If a given fraction is not mentioned above, that means that all specified criteria were met for that parameter.

All data are considered usable, as qualified. In addition, completeness, defined as the percentage of analytical results that are judged to be valid, is 100%.

Signed:



Joe Conboy
Senior Staff Chemist

LANGAN
ENGINEERING & ENVIRONMENTAL SERVICES

Technical Memorandum

989 Lenox Drive Lawrenceville, NJ 08648 T: 609.282.8000
Mailing Address: 989 Lenox Drive Lawrenceville, NJ 08648

To: Vincent Carbone, Langan Project Scientist

From: Joe Conboy, Langan Project Chemist

Date: October 30, 2024

Re: Data Usability Assessment
For PESRM, Philadelphia, PA
August 2024 Soil Samples
Langan Project No.: 220181803

This memorandum presents the findings of an analytical data validation from the analysis of soil samples collected in August 2024 by Langan Engineering and Environmental Services at the PESRM site located in Philadelphia, Pennsylvania. The samples were analyzed by Eurofins Edison, located in Edison, New Jersey and Eurofins Lancaster located in Lancaster, Pennsylvania (NELAP registration #36-00037) for volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), 1,2-dibromoethane (EDB), lead using the analytical methods specified below.

- VOCs by SW-846 Method 8260D
- SVOCs by SW-846 Method 8270E
- EDB by SW-846 Method 8011
- Lead by SW-846 Methods 6020B

Table 1, attached, summarizes the laboratory and client sample identification numbers, sample collection dates, and analytical parameters subject to review.

VALIDATION OVERVIEW

This data validation was performed in accordance with the following guidelines:

- USEPA Contract Laboratory Program "National Functional Guidelines for Organic Superfund Methods Data Review" (EPA 540- R-20-005, November 2020)
- USEPA Contract Laboratory Program "National Functional Guidelines for Inorganic Superfund Methods Data Review" (EPA 540- R-20-005, November 2020), and
- published analytical methodologies.

The following acronyms may be used in the discussion of data-quality issues:

%D	Percent Difference	MB	Method Blank
CCV	Continuing Calibration Verification	MDL	Method Detection Limit
FB	Field Blank	MS	Matrix Spike
FD	Field Duplicate	MSD	Matrix Spike Duplicate

ICAL	Initial Calibration	RF	Response Factor
ICV	Initial Calibration Verification	RL	Reporting Limit
ISTD	Internal Standard	RPD	Relative Percent Difference
LCL	Lower Control Limit	RSD	Relative Standard Deviation
LCS	Laboratory Control Sample	TB	Trip Blank
LCSD	Laboratory Control Sample Duplicate	UCL	Upper Control Limit

Tier 1 data validation is based on completeness and compliance checks of sample-related QC results including: sample receipt documentation; analytical holding times; sample preservation; blank results (method, field, and trip); surrogate recoveries; MS/MSD recoveries and RPDs values; field duplicate RPDs, laboratory duplicate RPDs, and LCS/LCSD recoveries and RPDs. One sample delivery groups underwent Tier 1 validation review.

As a result of the review process, the following qualifiers may be assigned to the data in accordance with the USEPA guidelines and our best professional judgment:

- **R –** The sample results are unusable. The results are rejected because of serious deficiencies in meeting quality control criteria in accordance with the applicable validation guidelines. The analyte may or may not be present in the sample.
- **J –** The analyte was positively identified above the quantitation limit, and the associated numerical value is the approximate concentration of the analyte in the sample.
- **UJ –** The analyte was not detected at or above the quantitation limit. The reported quantitation limit may be imprecise because of potential low or indeterminate bias.
- **U –** The analyte was not detected at or above the quantitation limit, or the analyte detection is impacted by blank contamination and qualified as non-detect in accordance with the applicable validation guidelines.

If any validation qualifiers are assigned, these qualifiers should supersede any laboratory-applied qualifiers. Data that is not qualified as a result of this data validation is considered acceptable on the basis of the items specified for review. Data that is qualified as "R" are considered invalid and are not technically usable for data interpretation. Data that is otherwise qualified because of minor data-quality anomalies are usable, as qualified in Table 2 (attached).

MAJOR DEFICIENCIES:

Major deficiencies include those that grossly impact data quality and necessitate the rejection of results. No major deficiencies were identified.

MINOR DEFICIENCIES:

Minor deficiencies include anomalies that directly impact data quality and necessitate qualification, but do not result in unusable data. The section below describes the minor deficiencies that were identified.

SVOCs by SW-846 Method 8270E

460-309671-1

The sample 20240815_USC_INT_3_7.5-8 exhibited an exceedance of the recommended holding time for SVOCs (2 days). The associated results in sample 20240815_USC_INT_3_7.5-8 are qualified as J because of potential low bias.

EDB by SW-846 Method 8011

460-309671-1

The sample 20240815_USC_INT_3_7.5-8 exhibited an exceedance of the recommended holding time for microextractables (8 days). The associated results in sample 20240815_USC_INT_3_7.5-8 are qualified as UJ because of potential low bias.

OTHER DEFICIENCIES:

Other deficiencies include anomalies that do not directly impact data quality and do not necessitate qualification. The section below describes the other deficiencies that were identified.

VOCs by SW-846 Method 8260D

460-309671-1

The MB for batch 460-990937 exhibited a detection of naphthalene (0.00384 mg/kg). The associated results are non-detect. No qualification is necessary.

EDB by SW-846 Method 8011

460-309671-1

The MS/MSD performed on sample 20240815_UCS_INT-3-7.5-8 exhibited a RPD above the control limit for 1,2-dibromoethane (ethylene dibromide) (40%). The associated results were previously qualified. No further action is necessary.

The sample 20240815_UCS_INT-1-7.5-8 exhibited a percent recovery below the LCL for the surrogate 1,1,2,2-tetrachloroethane (21%, 17%). The sample was diluted >10X. No qualification is necessary.

The sample 20240815_UCS_INT-2-6.5-7 exhibited a percent recovery below the LCL for the surrogate 1,1,2,2-tetrachloroethane (14%, 8%). The sample was diluted >10X. No qualification is necessary.

CONCLUSION:

On the basis of this evaluation, the laboratory appears to have followed the specified analytical methods with the exception of errors discussed above. If a given fraction is not mentioned above, that means that all specified criteria were met for that parameter.

All data are considered usable, as qualified. In addition, completeness, defined as the percentage of analytical results that are judged to be valid, is 100%.

Signed:



Joe Conboy
Project Chemist

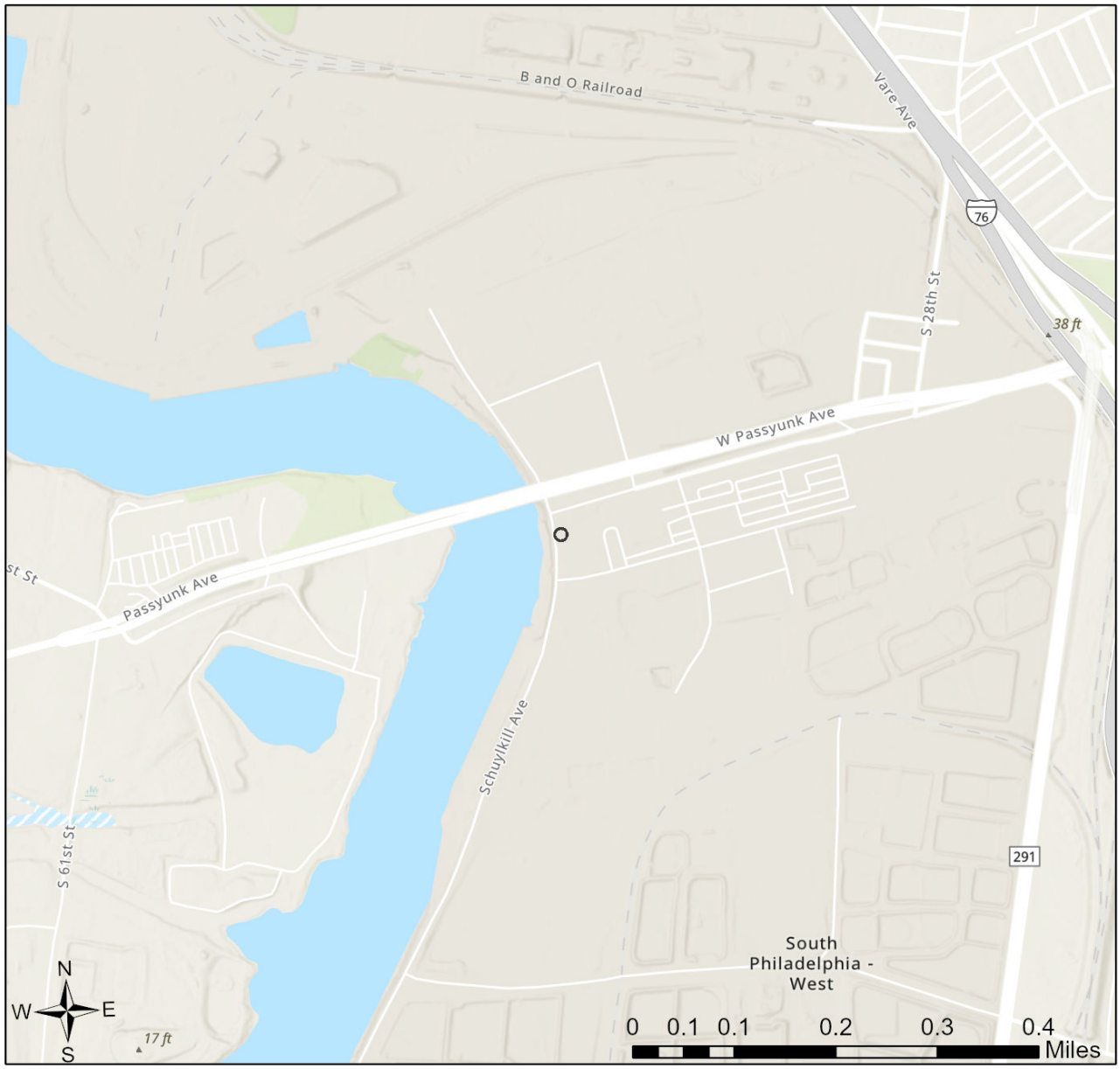
Introduction

This Conservation Planning Report compiles names, descriptions, maps, locations, measurements, links and references for Natural Heritage Areas (core and supporting habitats), Important Bird Areas, State Lands, and agency designated water resources that are coincident with an area of interest defined by the user of the Pennsylvania Conservation Explorer tool. For an overview and additional details, please be sure to visit the website at www.naturalheritage.state.pa.us and download the applicable County Natural Heritage Inventory report(s).

Site Area: 0.08 acres
County(s): Philadelphia
Township/Municipality(s): PHILADELPHIA
Quadrangle Name(s): PHILADELPHIA
Watersheds HUC 8: Schuylkill
Watersheds HUC 12: City of Philadelphia-Schuylkill River
Decimal Degrees: 39.919393 N, -75.200542 W
Degrees Minutes Seconds: 39° 55' 9.8133" N, 75° 12' 1.9507" W

No conservation planning areas of interest have been detected.

Conservation Report



Sources: Esri, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodatastyrelsen, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap and the GIS user community

For additional information about the Pennsylvania Natural Heritage Program, visit the website at www.naturalheritage.state.pa.us or you can email your questions and comments to RA-HeritageReview@pa.gov.

U.S. Fish and Wildlife Service
National Wetlands Inventory

NWI PES Refinery



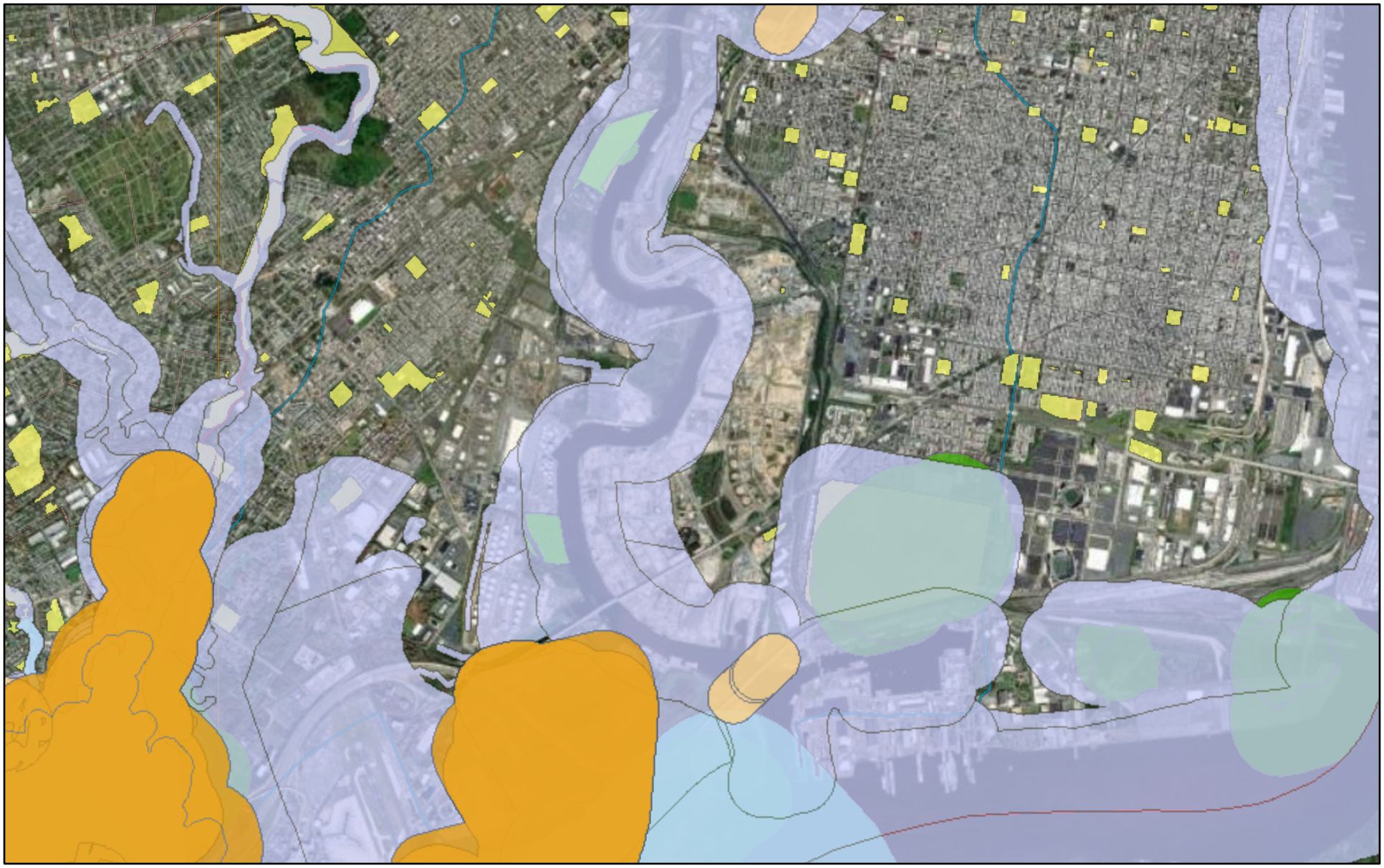
October 11, 2024

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

PA DCNR PNHP Map



November 19, 2024

- Quads
- Municipalities
- HUC 8 (Large)
- PA Counties
- Local Parks
- State Parks
- DCNR Species of Special Concern
- DCNR Threatened and Endangered Species
- PFBC Species of Special Concern

1:58,757

0 0.38 0.75 1.5 mi

0 0.5 1 2 km

Pennsylvania. Dept. of Conservation and Natural Resources. Bureau of State Parks., Source: Esri, Maxar, Earthstar Geographics, and the GIS User