



Mr. Chris Mannes
New York State Department of Environmental Conservation (NYSDEC)
Region 7 Office
Division of Environmental Remediation
615 Erie Boulevard West
Syracuse, NY 13204

December 2, 2022

**Subject: Stauffer Management Company, LLC – Novak Site
NYSDEC Site No. 7-09-005
Pike Road
McDonough, NY**

Dear Mr. Mannes:

Arcadis on behalf of Stauffer Management Company, LLC (SMC), is submitting the enclosed Period Review Report Institutional Controls/ Engineering Controls for the Novak Site.

The October 2022 Groundwater Monitoring Report is included as an attachment. This report provides the results from the volatile organic compounds and 1,4-dioxane at monitoring well MW-104.

If you have any questions or concerns, please do not hesitate to contact me at 315-671-9296 or Rebecca.Hensel@arcadis.com.

Sincerely,

Arcadis

A handwritten signature in black ink, appearing to read 'Rebecca Hensel', written in a cursive style.

Rebecca Hensel
Project Manager

cc: John-Paul Rossi/Stauffer Management Company, LLC
Victor Finocchiaro/Arcadis

Site Details

Site No. 709005

Box 1

Site Name Novak Farm

Site Address: Pike Road Zip Code: 13801
City/Town: Mcdonough
County: Chenango
Site Acreage: 1.000

Reporting Period: November 04, 2019 to November 04, 2022

YES NO

1. Is the information above correct? X ☐

If NO, include handwritten above or on a separate sheet.

2.	Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?	☐	X
3.	Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	☐	X
4.	Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	☐	X

If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.

5. Is the site currently undergoing development? ☐ ☒

Box 2

YES NO

6. Is the current site use consistent with the use(s) listed below? X ☐
Industrial
7. Are all ICs in place and functioning as designed? X ☐

IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative

Date _____

Description of Institutional ControlsParcelOwnerInstitutional Control

131.-1-8

Stauffer Management Company, LLC

Ground Water Use Restriction
Soil Management Plan

Deed restriction filed w/ Chenango Co. Clerk 06/16/2004. Groundwater use restriction. Soil Management Plan in place for future maintainance or any redevelopment.

Description of Engineering ControlsParcelEngineering Control

131.-1-8

Cover System
Fencing/Access Control

Soil Cap Requirements for current and future excavation work to occur, maintain Clean Soil Cap over BioCell Cap. Maintain Fencing and to limit property access. Soil Cap Requirements for current and future excavation work to occur, maintain Clean Soil Cap over BioCell Cap. Maintain Fencing and property access. Pump and treat system no longer required at time of DR

Periodic Review Report (PRR) Certification Statements

1. I certify by checking "YES" below that:

a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the Engineering Control certification;

b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and complete.

YES NO

X ☐

2. For each Engineering control listed in Box 4, I certify by checking "YES" below that all of the following statements are true:

(a) The Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;

(b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;

(c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;

(d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and

(e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES NO

X ☐

**IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and
DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.**

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative

Date

IC CERTIFICATIONS
SITE NO. 709005

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 1,2, and 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Rossi, John-Paul at 1800 Concord Pike, A2C, Wilmington, DE 19805,
print name print business address

am certifying as Stauffer Management Company LLC (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.

DocuSigned by:

0AFEEBB3F5B94D0...

Dec 2, 2022

Signature of Owner, Remedial Party, or Designated Representative
Rendering Certification

Date

EC CERTIFICATIONS

Box 7

Professional Engineer Signature

I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Timothy Miller at 110 West Fayette Street, Syracuse, NY 13202,
print name print business address

am certifying as a Professional Engineer for the Remedial Party
(Owner or Remedial Party)



Signature of Professional Engineer, for the Owner or
Remedial Party, Rendering Certification

Stamp
(Required for PE)

12/02/2022
Date

Stauffer Management Company

2022 Groundwater Monitoring Report – October 2022

Novak Site, McDonough, NY
NYSDEC Site: 7-09-005

December 2, 2022

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Acronyms and Abbreviations

µg/l	microgram per liter
Arcadis	Arcadis U.S., Inc.
HRC	Hydrogen Release Compound
NYSDEC	New York State Department of Environmental Conservation
PRR	Periodic Review Report
Site	The completely fenced in area located at Pike Road, Town of McDonough, New York
SMC	Stauffer Management Company
SVOC	Semi-Volatile Organic Compound
VOC	Volatile organic compound

1 Introduction

This Groundwater Monitoring Report has been prepared by Arcadis U.S. Inc. (Arcadis) on behalf of Stauffer Management Company (SMC) to summarize groundwater sampling completed at the SMC Novak Site (the “Site”) in McDonough, NY (see Figure 1). The sampling was conducted under the New York State Department of Environmental Conservation (NYSDEC) approved SMC Novak Farm Site Groundwater Monitoring Plan dated August 27, 2004 and the subsequent Plan modifications, dated November 17, 2004, December 2006, and January 15, 2020.

The sampling event discussed in this report occurred on October 21, 2022.

2 Background and Site Description

The Novak Farm Site is located in rural Chenango County, occupying approximately 120 acres with the remediation area restricted to approximately eleven (11) acres.

After the completion of soil remediation in September 2004, groundwater monitoring was continued under the SMC Novak Farm Site Groundwater Monitoring Plan dated August 27, 2004. The Plan stated that the groundwater elevation at MW-104 and the lower sump would be monitored biannually for long-term groundwater monitoring, with sampling conducted until the MW-104 and lower sump show contaminant levels below cleanup levels or contaminant levels that decrease asymptotically. The Plan initially required sample analysis of volatile organic compounds (VOCs) in accordance with EPA Method 8260 for the lower sump and MW-104 and semi-volatile organic compounds (SVOCs) in accordance with EPA Method 8270 for MW-104. However, a November 17, 2004 revision removed the requirement of SVOC analysis. In June 2006, a request was made to discontinue sampling of the lower sump. Remedial goals had been achieved at the lower sump as VOC concentrations had been below laboratory detection limits for four (4) semi-annual sampling events prior to the June 2006 request. The request was approved by NYSDEC in December 2006.

Injection of Hydrogen Release Compound (HRC) was conducted on July 14, 2009 to facilitate remediation of residual contamination in MW-104. Approximately 240 pounds of HRC was injected into seven (7) one-inch HRC injection points installed around the well. Groundwater samples were collected from MW-104 prior to the HRC injection and one (1) month (August 18, 2009) and three (3) months (October 15, 2009) after the application. In March 2010, NYSDEC requested a change from semiannual sampling to quarterly sampling for the first three (3) quarters of 2010, with no sampling required in the winter, to better monitor the effects of the initial HRC injection.

A second HRC injection took place on October 26, 2010 upgradient from the 2009 HRC application to further facilitate dechlorination of residual contamination in MW-104. The results were intended to evaluate the effectiveness of the HRC injections and the necessity for ongoing monitoring.

MW-104 is currently being monitored every three years to coincide with the submittal of Periodic Review Report (PRR) for VOCs by EPA method 8260C and 1,4-dioxane by EPA method 8270E SIM. This reporting period includes the sampling event from fall 2022 as requested in the January 2, 2020 NYSDEC PRR 2019 comments letter.

3 Groundwater Sampling Activities

On October 21, 2022, sampling was completed at monitoring well MW-104, as shown on Figure 2, for VOCs and 1,4-dioxane.

The monitoring well was purged with a two-inch submersible pump and polyethylene tubing. Field data, including pH, temperature, conductivity, turbidity, oxidation-reduction potential, dissolved oxygen, and total dissolved solids, were recorded during purging. A summary of the sampling field data including the total volume of groundwater purged can be found in Table 1 and the monitoring well sampling log is presented in Appendix A.

Field Quality Assurance/Quality Control samples were collected for VOCs and 1,4-dioxane included a duplicate and trip blank. The duplicate sample results are shown in parentheses in Table 2.

3.1 Analytical Methods

Samples were sent to Eurofins TestAmerica in Edison, New Jersey, a New York State Department of Health Environmental Laboratory Approval Program certified laboratory. The groundwater analytical samples were analyzed following typical chain of custody procedures for VOCs and 1,4-dioxane analysis using United States Environmental Protection Agency Method 8260D and 8270E SIM.

3.2 Results

Analytical results for VOCs and 1,4-dioxane are presented in Table 2 and laboratory report is included as Appendix B. Based on the results, attenuation is still occurring with a strong total VOC declining trend. Mann-Kendall graphs for VOCs with recent detections (1,1 dichloroethane, benzene, chloroethane, cis-1,2 dichloroethene, trans-1,2 dichloroethene, vinyl chloride, and total VOCs) are found in Figure 3. The graphs display the strong, overall declining trend of VOC detections in MW-104 since the initial HRC injection in July 2009. Vinyl chloride was the only VOC detected above the NYSDEC standard of 2 µg/L at 6.3 µg/L (5.6 µg/L in the duplicate sample), however has shown decreasing trend since 2011 and consistent results since 2014. 1,4 dioxane is below the 1.0 ug/L Health Advisory Level.

4 Data Usability Summary Report

A Data Usability Summary Report was completed by Arcadis. Arcadis conducted data validation of the laboratory reports to confirm the analytical data is of sufficient quality for usage. The data review reports containing the data validation details are included as Appendix C. The data validation review was conducted as a Tier III evaluation and included review of 100% of the data packages for completeness. The data review found all data quality acceptable for use.

5 Site Inspections

Site inspections were completed annually during the PRR reporting period. Site inspections were conducted in September 2020 by Envirospec Engineering, PLLC, and May 2021 and May 2022 by Arcadis. The Site inspections can be found in Appendix D.

6 Conclusions and Next steps

Since the initial HRC injection in July 2009, target VOCs are all showing declining trends as supported by the Mann-Kendall graphs. Based on the current and historical data it is requested the following changes to the monitoring program to be made:

- Groundwater sample collection at monitoring well MW-104 reduced to sampling every five (5) years with the next event in 2027.

The Site inspections will continue to be conducted annually.

Tables

TABLE 1
FIELD DATA
NOVAK FARM GROUNDWATER MONITORING REPORT
NOVAK SITE,
MCDONOUGH, NEW YORK
OCTOBER 21, 2022

Monitoring Well Location	Well Depth to Top of Casing (ft.)	Depth to Water (ft.)	Water Column (ft.)	Purged Volume (gal)	Final pH	Final Temp (°C)	Final Conductivity (uS/cm)	Turbidity (NTU)
MW-104	18.16	2.87	15.29	5.05	6.4	13.02	0.395	5.8

TABLE 2
ANALYTICAL SUMMARY FOR VOCs AND 1,4-DIOXANE
NOVAK FARM PERIODIC REVIEW REPORT
NOVAK SITE,
MCDONOUGH, NEW YORK
OCTOBER 21, 2022

	NYSDEC Standard (ppb)	8/10/2004	12/13/2004	6/1/2005	11/29/2005	5/5/2006	11/3/2006	5/7/2007	12/11/2007	6/28/2008	11/10/2008	7/13/2009	8/14/2009	10/15/2009	3/22/2010	6/15/2010	10/25/2010
Volatile Organic Compounds by EPA Method 8260D																	
Benzene	1	7.1	9.5	2.6 (4.7)	4.0 (6.6)	ND (ND)	4.1 (3.5)	2.5 (2.5)	2.2 (<5)	1.6 (1.6)	ND (ND)	2.9 (3.0)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)
1,1 dichloroethane	5	45	35	16 (21)	20 (21)	14 (14)	59 (37)	20 (11)	25 (29)	21 (22)	32 (31)	30 (31)	30 (34)	42 (39)	26 (30)	32 (28)	30 (33)
1,2 dichloroethane	0.6	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	1.4 (1.0)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	1.0 (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)
1,1 dichloroethene	5	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	8.2 (4.9)	ND (ND)	ND (ND)	1.9 (1.9)	ND (ND)	3.3 (3.1)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)
cis-1,2 dichloroethene	5	130	60	34 (34)	47 (41)	38 (37)	149 (87)	61 (48)	70 (78)	64 (64)	111 (108)	98 (109)	96 (106)	103 (99)	87 (101)	89 (83)	82 (93)
trans-1,2 dichloroethene	5	110	ND	24 (29)	16 (17)	23 (21)	146 (85)	48 (35)	37 (39)	54 (54)	111 (106)	108 (122)	98 (118)	94 (99)	68 (77)	82 (76)	70 (82)
1,1,1 trichloroethane	5	10	ND	ND (ND)	5.7 (8.2)	3.7 (3.3)	14 (10)	3.9 (4.2)	5.0 (6.2)	5.6 (5.6)	7.6 (7.4)	8.4 (7.9)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)
Trichloroethene	5	12	ND	ND (ND)	3.6 (3.9)	3.6 (3.4)	10 (7.7)	3.8 (4.1)	3.9 (5.1)	4.1 (4.2)	12 (11)	16 (16)	ND (ND)	10 (ND)	ND (ND)	ND (ND)	ND (ND)
Vinyl chloride	2	66	95	28 (30)	64 (79)	16 (9.5)	95 (95)	30 (29)	14 (6.3)	54 (54)	70 (66)	44 (48)	45 (60)	77 (69)	37 (41)	56 (56)	50 (68)
Chloroethane	5	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)
Total VOCs		380.1	199.5	104.6 (118.7)	160.3 (176.7)	98.3 (88.2)	486.7 (331.1)	169.2 (133.8)	157.1 (163.6)	206.2 (207.3)	343.6 (329.4)	311.6 (340)	269 (318)	326 (306)	218 (249)	259 (243)	232 (276)

TABLE 2
ANALYTICAL SUMMARY FOR VOCs AND 1,4-DIOXANE
NOVAK FARM PERIODIC REVIEW REPORT
NOVAK SITE,
MCDONOUGH, NEW YORK
OCTOBER 21, 2022

	NYSDEC Standard (ppb)	4/21/2011	8/16/2011	11/28/2011	5/11/2012	9/28/2012	1/30/2013	4/25/2013	7/25/2013	4/21/2014	11/12/2014	5/5/2015	11/9/2015	4/22/2016	10/13/2016	11/5/2018	10/21/2022
Semivolatile Organic Compounds by EPA Method 8270E SIM																	
1,4-dioxane																1.05 (1.25)	0.80 0.60
Volatile Organic Compounds by EPA Method 8260D																	
Benzene	1	ND (ND)	ND (ND)	14 (12)	7.0 (6.6)	ND (ND)	8.3 (8.9)	5.5 (5.5)	4.4 (4.7)	5.1 (4.4)	3.5 (3.3)	2.1 (2.1)	6.0 (5.9)	3.5 (3.5)	3.5 (3.3)	1.1 (1)	0.66 J (0.62 J)
1,1 dichloroethane	5	51 (53)	89 (87)	94 (92)	45 (43)	20 (21)	17 (18)	13 (14)	16 (18)	12 (10)	17 (16.9)	9.1 (9.5)	8.5 (5.3)	18.4 (18.1)	17.8 (17.1)	8.4 (6.3)	4.3 (4.3)
1,2 dichloroethane	0.6	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)
1,1 dichloroethene	5	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)
cis-1,2 dichloroethene	5	59 (62)	95 (91)	97 (97)	45 (46)	16 (15)	12 (13)	17 (22)	14 (14)	ND (ND)	3.5 (3.0)	1.5 (1.4)	1.1 (1.1)	1.9 (1.8)	1.5 (1.5)	0.85 J (ND)	1.4 (1.3)
trans-1,2 dichloroethene	5	98 (99)	139 (138)	149 (142)	60 (56)	37 (38)	29 (28)	ND (ND)	ND (ND)	7.6 (6.0)	3.3 (3.0)	ND (ND)	1.9 (2.0)	ND (1.1)	ND (ND)	ND (ND)	ND (ND)
1,1,1 trichloroethane	5	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	1.3 (1.3)	ND (ND)	ND (ND)	1.0 (1.1)	ND (ND)	ND (ND)	ND (ND)
Trichloroethene	5	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)	ND (ND)
Vinyl chloride	2	111 (105)	78 (82)	60 (55)	36 (34)	26 (21)	12 (11)	6.5 (6.5)	12 (13)	ND (ND)	4.5 (4.6)	4.3 (3.9)	1.7 (ND)	3.9 (4.2)	5.4 (5.6)	2.9 (2.8)	6.3 (5.6)
Chloroethane	5	ND (ND)	ND (ND)	ND (ND)	20 (18)	53 (64)	45 (45)	21 (20)	22 (ND)	26 (24)	14.4 (14.2)	9.9 (9.5)	21.3 (22.9)	15.7 (15.7)	8.9 (8.2)	1.3 J (0.92 J)	ND (ND)
Total VOCs		319 (319)	401 (398)	414 (398)	213 (203.6)	152 (159)	123.3 (123.9)	63 (68)	68.4 (49.7)	50.7 (44.4)	47.5 (46.3)	26.9 (26.4)	40.5 (37.2)	44.4 (45.5)	37.1 (35.7)	14.55 (11.02)	12.66 (11.82)

Notes:

Concentrations in µg/L (ppb)

J = Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value

ND = Compound not detected

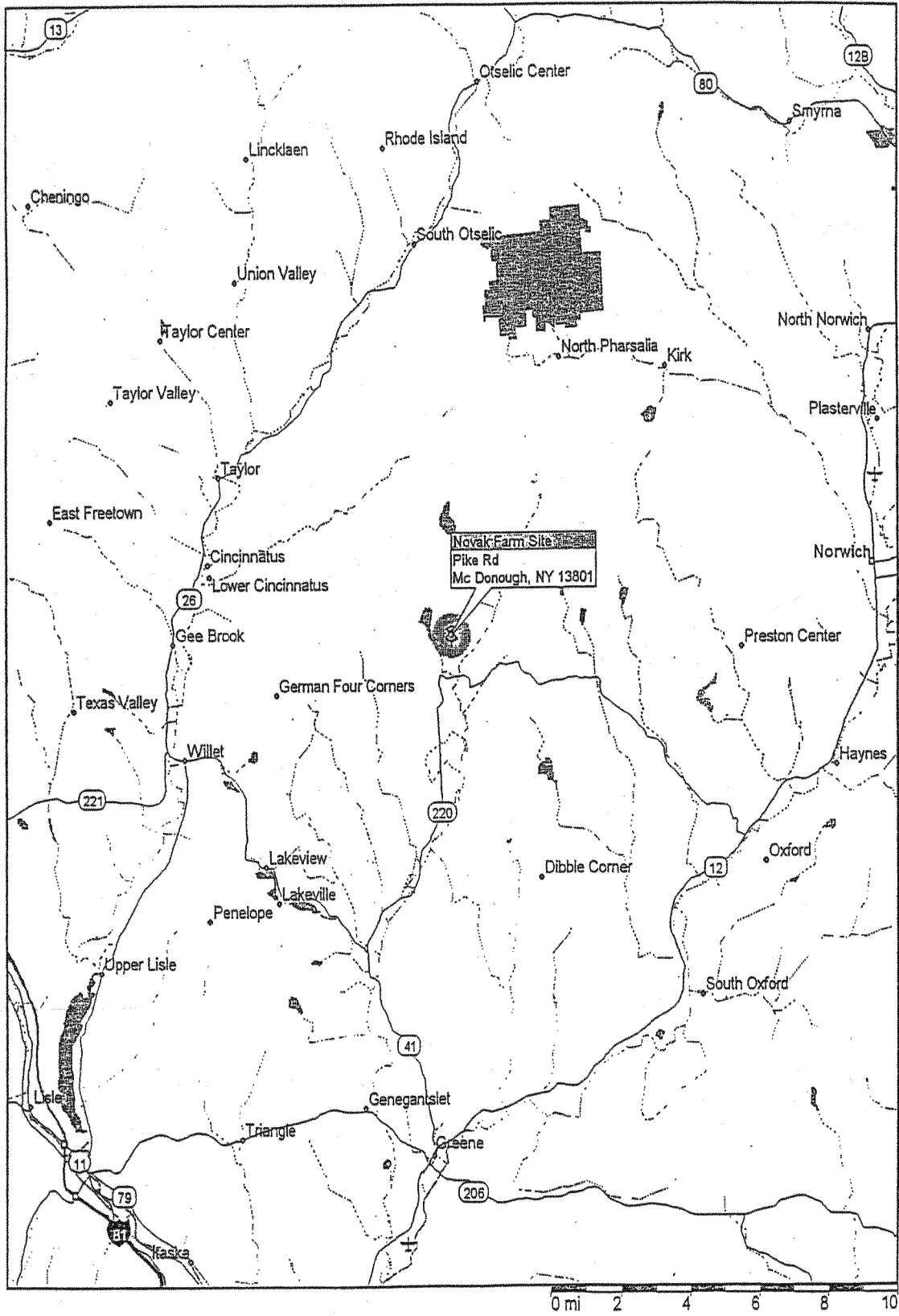
Results in parenthesis are duplicate sample results

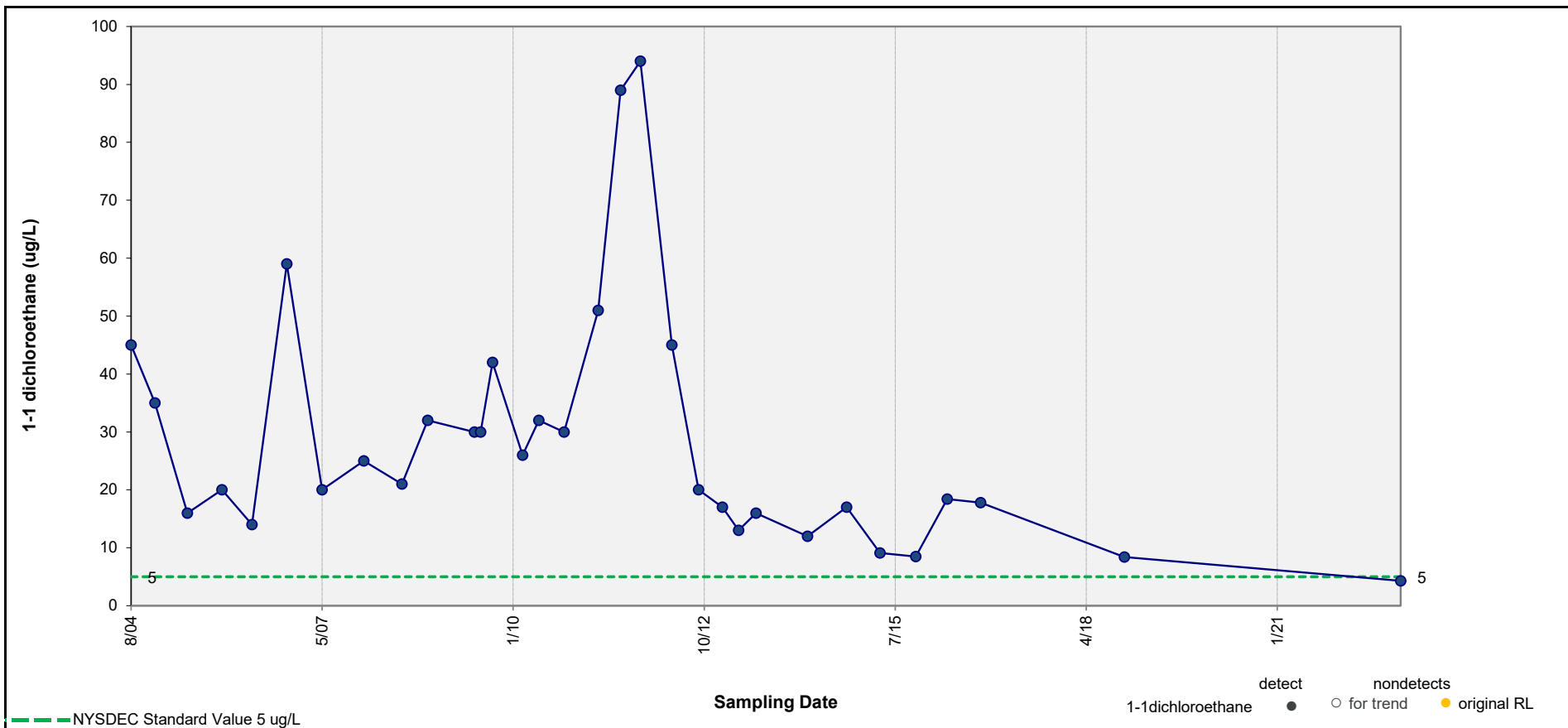
Total VOC value does not include 1,4-dioxane results

Figures

Novak Farm Site Location

Figure 1





Results of Mann-Kendall Test for Trend:

DECREASING TREND

p value = 0.003 Note: p value < 0.05 indicates a statistically significant trend (95% confidence level).

Results of Sen's Estimator of Slope:

DECREASING TREND

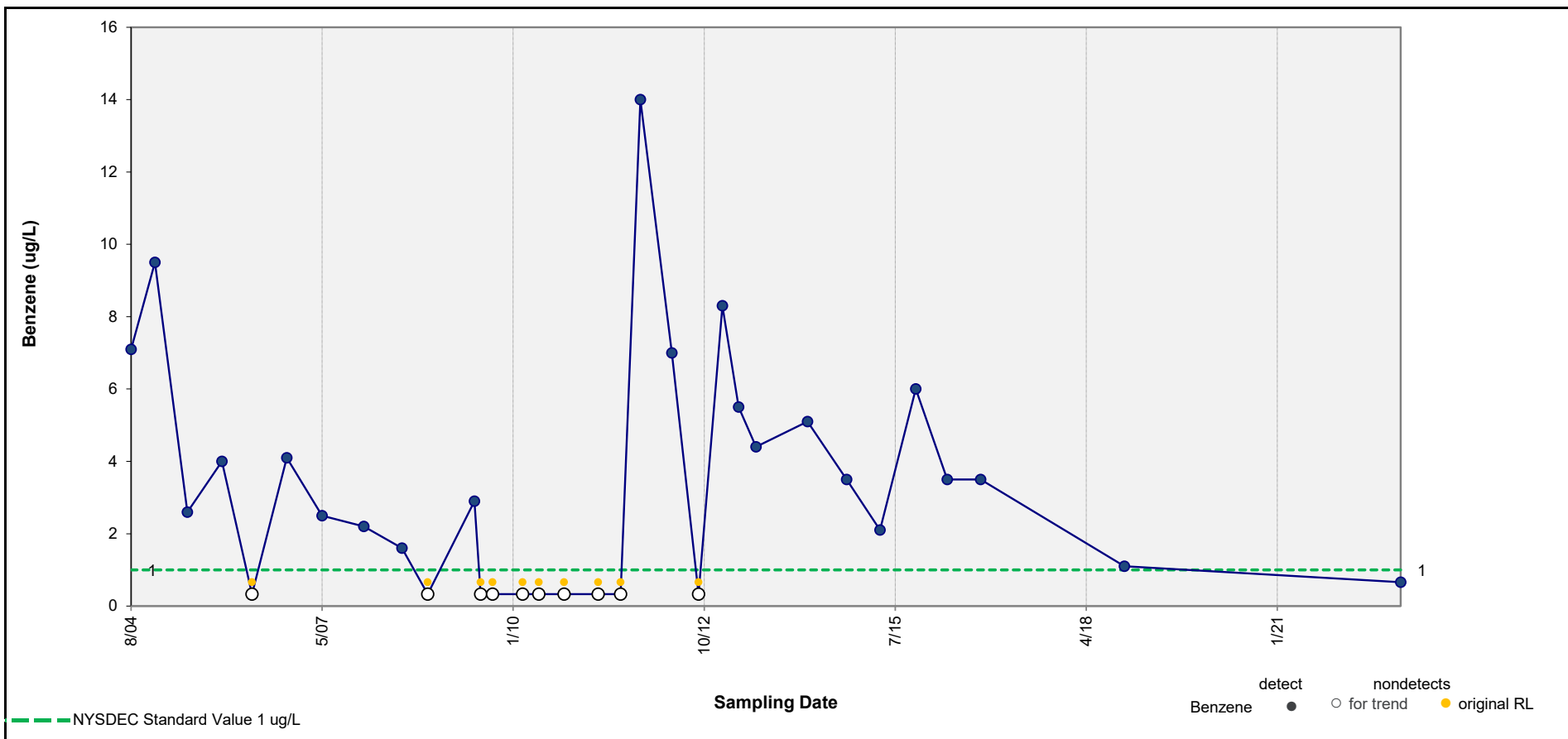
Median Slope Estimate = $-4.3E-03$ ug/L Per Day
 95% Confidence Interval = $-6.9E-03$ to $-1.4E-03$ ug/L Per Day



Concentration vs. Time Plot – 1-1 dichloroethane in Well MW-104

NOVAK FARM PERIODIC REVIEW REPORT
 NOVAK SITE, MCDONOUGH, NEW YORK

Figure 3-1



Results of Mann-Kendall Test for Trend:

No Significant Trend

p value = 0.441 Note: p value < 0.05 indicates a statistically significant trend (95% confidence level).

Results of Sen's Estimator of Slope:

No Significant Trend

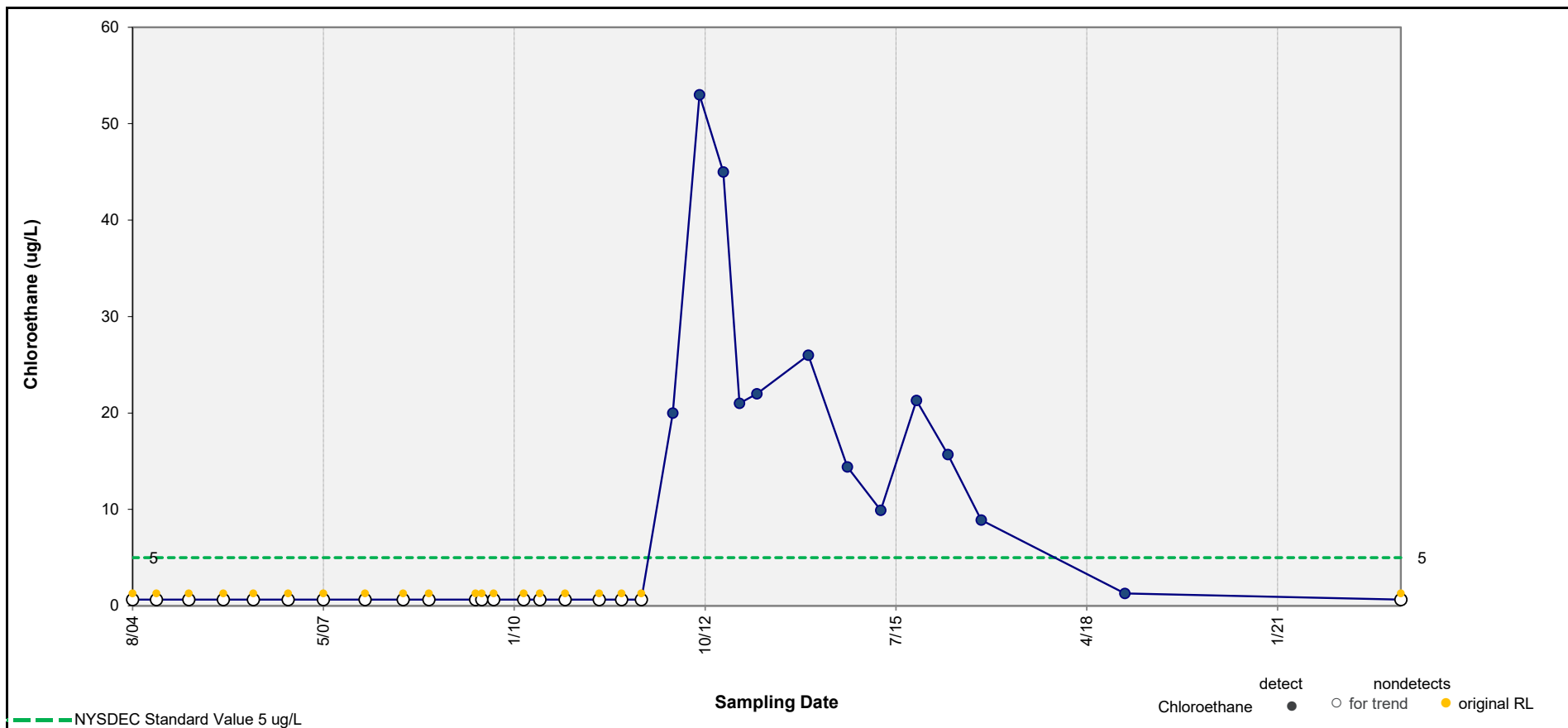
Median Slope Estimate = 0.0E+00 ug/L Per Day
 95% Confidence Interval = -8.3E-04 to 3.0E-04 ug/L Per Day



Concentration vs. Time Plot – Benzene in Well MW-104

NOVAK FARM PERIODIC REVIEW REPORT
 NOVAK SITE, MCDONOUGH, NEW YORK

Figure 3-2



Results of Mann-Kendall Test for Trend:

INCREASING TREND

p value = Note: p value < 0.05 indicates a statistically significant trend (95% confidence level).

Results of Sen's Estimator of Slope:

No trend

Median Slope Estimate =

ug/L Per Day

95% Confidence Interval =

to

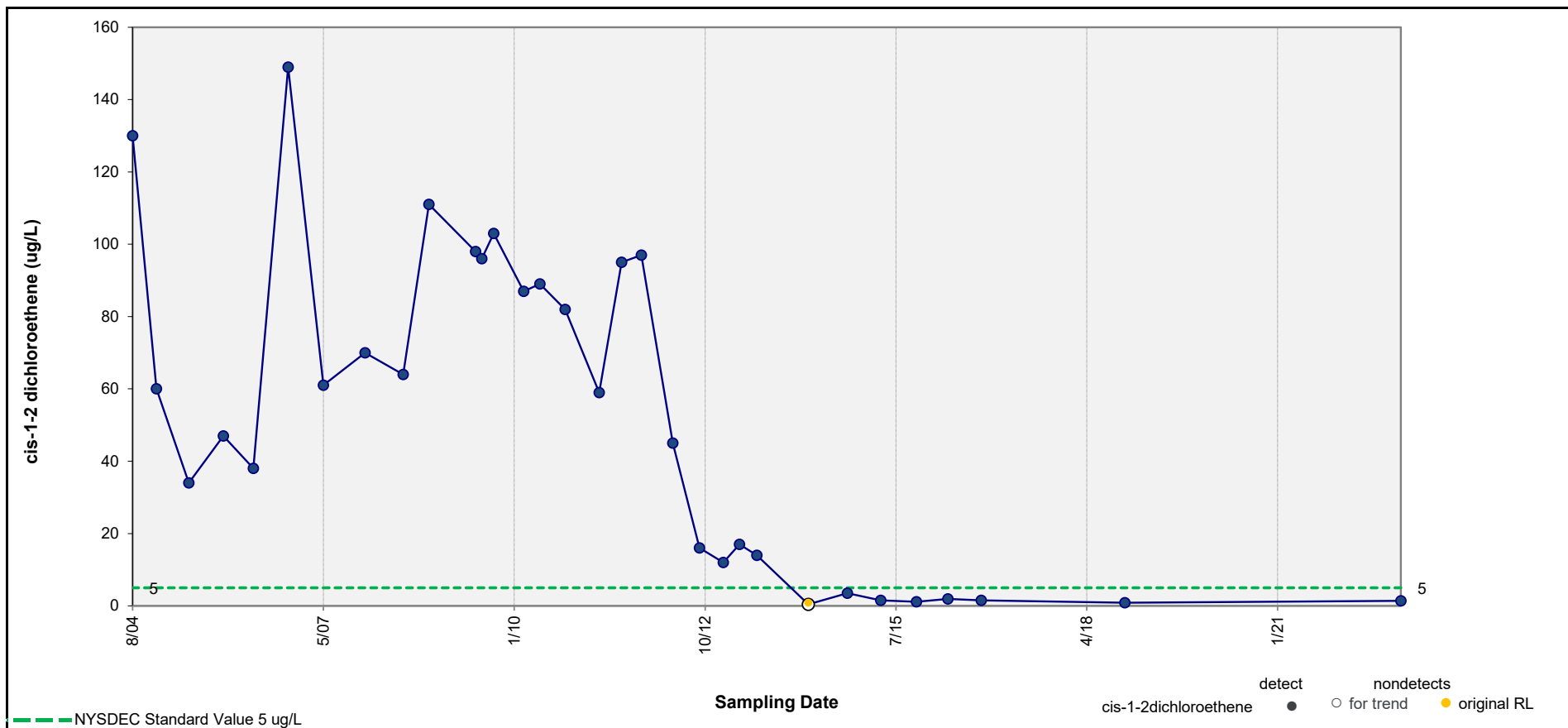
ug/L Per Day



Concentration vs. Time Plot – Chloroethane in Well MW-104

NOVAK FARM PERIODIC REVIEW REPORT
NOVAK SITE, MCDONOUGH, NEW YORK

Figure 3-3



Results of Mann-Kendall Test for Trend:

DECREASING TREND

p value = <0.001 Note: p value < 0.05 indicates a statistically significant trend (95% confidence level).

Results of Sen's Estimator of Slope:

DECREASING TREND

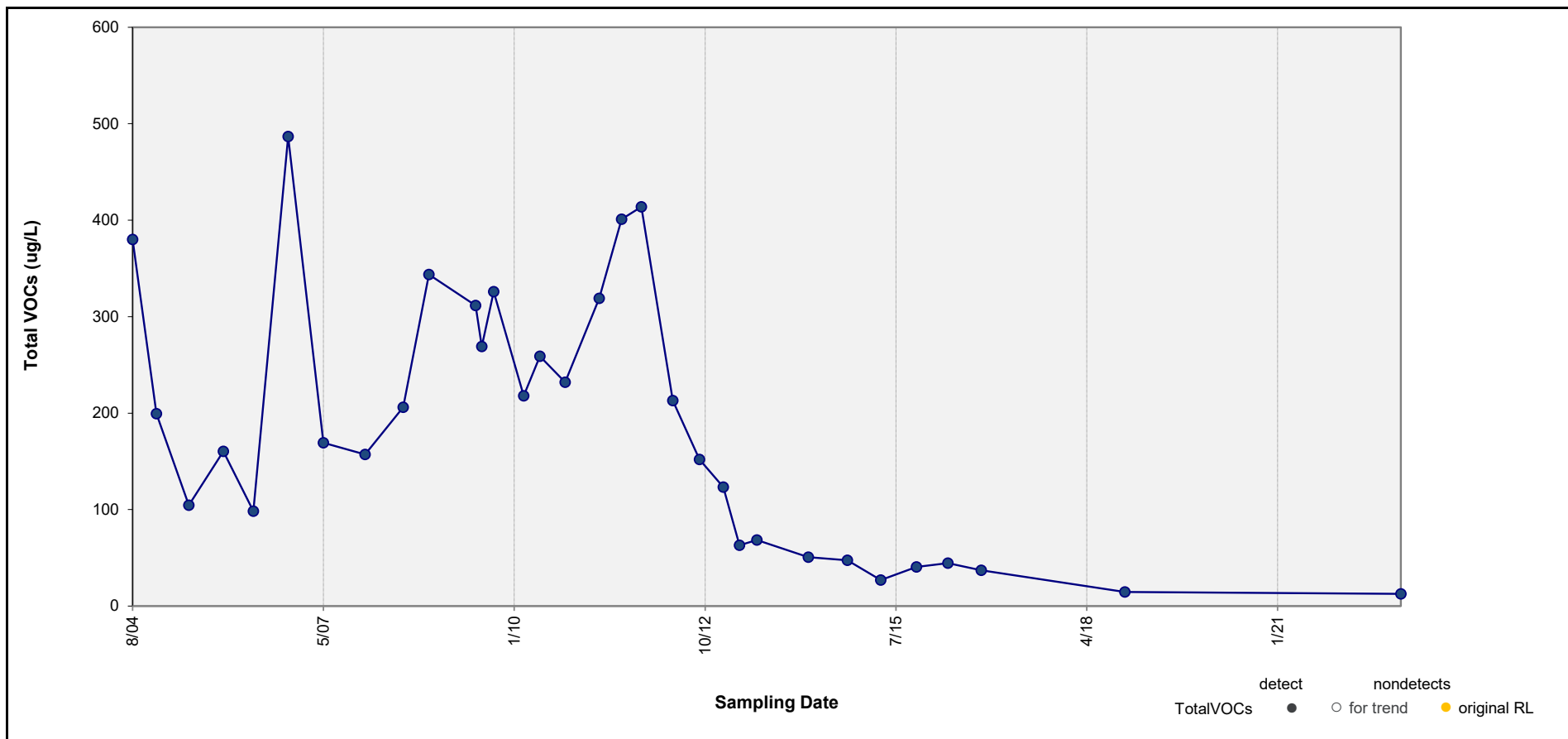
Median Slope Estimate = -2.0E-02 ug/L Per Day
 95% Confidence Interval = -3.1E-02 to -1.1E-02 ug/L Per Day



Concentration vs. Time Plot – cis-1,2 dichloroethene in Well MW-104

NOVAK FARM PERIODIC REVIEW REPORT
 NOVAK SITE, MCDONOUGH, NEW YORK

Figure 3-5



Appendix A

Sampling Field Data

ARCADIS

Page 1 of 2

Novak Sampling Event

Project Number: 30120982
 Date: 10/20/22
 Sampling Time: 1325
 Weather: 50°F, Sunny

Task: 01Well ID: MW-104Sampled By: MSWell Headspace PID: 0.0Coded Replicate No.: DUPReplicate Type (circle one) Duplicate MS/MSD

Instrument Identification

Serial #: 45675 PID Min. RAE Water Quality Meter(s) Harris V-52 (44006)

Purging Information

Casing Material: PVC
 Casing Diameter: 2 in
 Total Depth: 18.16 ft
 Depth to Product: NA ft
 Depth to Water: 2.87 ft
 Water Column: 15.29 ft
 Gallons in Well: 2.45 gal

Purge Method: (circle one) Submersible Centrifugal Bladder

Screen Interval: From: _____ To: _____

Pump Intake Setting: ~16'Total Volume Purged: 5.05 galPump on: 1150 Off: 1330

Field Parameter Measurements Taken During Purging

Time	Minutes Elapsed	Rate (ml/min)	Depth to Water	Turbidity (NTUs)	pH (SI Units)	ORP (mV)	Conductivity (MS/cm)3	Temp (°C)	DO (mg/L)	TDS (mg/L)	gal. removed	Comments
Stabilization Range			<0.3 ft.	10% if >1	+/- 0.1	+/- 10	3%	3%	10%			
1150	0	400	2.87	42.7	7.38	-25	0.392	10.65	4.05		0	
1155	5	200	4.71	24.0	6.86	-46	0.389	11.10	2.02		0.53	
1200	10	200	5.14	15.5	6.72	-51	0.393	11.30	1.31		0.79	
1205	15	200	5.15	12.8	6.58	-61	0.392	11.60	0.55		1.05	
1210	20	200	5.20	14.1	6.49	-65	0.388	11.96	0.0		1.30	
1215	25	200	5.23	12.1	6.45	-66	0.389	12.16	0.0		1.55	
1220	30	190	5.18	11.2	6.42	-70	0.395	12.39	0.0		1.80	
1225	35	190	5.14	11.2	6.41	-72	0.393	12.51	0.0		2.05	
1230	40	190	5.12	11.1	6.41	-73	0.392	12.63	0.0		2.30	
1235	45	190	5.11	8.5	6.40	-76	0.392	12.82	0.0		2.55	
1240	50	190	5.11	8.0	6.40	-78	0.393	12.94	0.0		2.80	
1245	55	190	5.11	7.8	6.40	-78	0.393	12.99	0.0		3.05	
1250	60	190	5.11	7.2	6.40	-79	0.393	13.00	0.0		3.30	
1255	65	190	5.11	6.4	6.40	-80	0.394	13.00	0.0		3.55	
1300	70	190	5.11	6.3	6.39	-81	0.395	13.01	0.0		3.80	

Number and Type of Bottle	Analytical Parameter	Preservative	Collected
4/250 mL / Amber	1,4 Dioxane	None	Y 1325
6/40 mL / VOA vial	VOC	HCl	Y 1325

Color: Yellowish
 Odor: none

Well Condition: Good
 Purge Water Disposal: 55 gal. drum

ARCADIS

Page 2 of 2

Novak Sampling Event

Well ID: Mw-104Project Number: 30120982Task: 01Date: 10/20/22Well Headspace PID: 0.0Sampling Time: 1325Sampled By: MJWeather: 50°F, SunnyCoded Replicate No.: DUPReplicate Type (circle one): Duplicate MS/MSD

Instrument Identification

Serial #: <u>45675</u>	PID Min: <u>RAE</u>	Water Quality Meter(s): <u>Hazis 0-52 (44006)</u>

Purging Information

Casing Material: PVC

Casing Diameter: 2 in

Total Depth: 18.16 ft

Depth to Product: NA ft

Depth to Water: 2.87 ft

Water Column: 15.29 ft

Gallons in Well: 2.45 gal

Purge Method: (circle one) Submersible Centrifugal Bladder

Screen Interval: From: _____ To: _____

Pump Intake Setting: 216'Total Volume Purged: 5.05 galPump on: 1150 Off: 1330

Field Parameter Measurements Taken During Purging

Time	Minutes Elapsed	Rate (ml/min)	Depth to Water	Turbidity (NTUs)	pH (SI Units)	ORP (mV)	Conductivity (MS/cm)3	Temp (°C)	DO (mg/L)	TDS (mg/L)	gal. removed	Comments
Stabilization Range			<0.3 ft.	10% if >1	+/- 0.1	+/- 10	3%	3%	10%			
1305	075	190	5.11	6.2	6.40	-81	0.394	13.01	0.0		4.05	
1310	080	190	5.11	6.2	6.40	-81	0.394	13.01	0.0		4.30	
1315	1085	190	5.11	6.1	6.40	-82	0.395	13.02	0.0		4.55	
1320	1690	190	5.11	6.0	6.40	-82	0.394	13.02	0.0		4.80	
1325	2045	190	5.11	5.8	6.40	-83	0.395	13.02	0.0		5.05	
	25											
	30											
	35											
	40											
	45											
	50											
	55											
	60											
	65											
	70											
Number and Type of Bottle		Analytical Parameter				Preservative		Collected				
40/250 mL / Amber		1,4 Dioxane				None		Y 1325				
60/40 mL / VOA vial		VOC				HCl		Y 1325				

Color: YellowishOdor: noneWell Condition: GoodPurge Water Disposal: 55 gal. drum

Appendix B

October 2022 Analytical Data Report

ANALYTICAL REPORT

Job Number: 460-267943-1

Job Description: AstraZeneca Novak, McDonough, NY

For:
ARCADIS U.S., Inc.
One Lincoln Center
110 West Fayette St, Suite 300
Syracuse, NY 13202
Attention: Victor Finocchiaro



Approved for release.
Grace Chang
Project Manager II
10/27/2022 8:58 AM

Grace Chang, Project Manager II
777 New Durham Road, Edison, NJ, 08817
(732)593-2579
Grace.Chang@et.eurofinsus.com
10/27/2022
Revision: 1

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Eurofins Edison

777 New Durham Road, Edison, NJ 08817

Tel (732) 549-3900 Fax (732) 549-3679 www.EurofinsUS.com



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CASE NARRATIVE

Client: ARCADIS U.S., Inc.

Project: AstraZeneca Novak, McDonough, NY

Report Number: 460-267943-1

Revision 1 (CCAL for SVOCs 1,4 Dioxane analyzed on 10/23 added to report)

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 10/21/2022 9:20 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 was 0.3° C.

Receipt Exceptions

Per laboratory policy, the Trip Blank sample date/time was added to reflect the latest sample date/time of the sampling event.
Trip Blank (460-267943-3)

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

VOLATILE ORGANIC COMPOUNDS (GC/MS)

Samples MW-104 (460-267943-1), DUP (460-267943-2) and Trip Blank (460-267943-3) were analyzed for Volatile Organic Compounds (GC/MS) in accordance with EPA SW-846 Method 8260D. The samples were analyzed on 10/22/2022.

1,1,1-Trichloroethane and Carbon tetrachloride failed the recovery criteria high for the MSD of sample 460-267862-1 in batch 460-873458. Bromomethane exceeded the RPD limit.

Refer to the QC report for details.

The continuing calibration verification (CCV) analyzed in batch 460-873458 was outside the method criteria for the following analyte(s): Bromoform and Carbon tetrachloride (biased high); Chloromethane and Dichlorodifluoromethane (biased low). 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.

No other difficulties were encountered during the Volatiles analysis.

All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS - SELECTED ION MODE (SIM) - ISOTOPE DILUTION - 1,4 DIOXANE

Samples MW-104 (460-267943-1) and DUP (460-267943-2) were analyzed for semivolatile organic compounds - Selected Ion Mode (SIM) - Isotope Dilution - 1,4 Dioxane in accordance with EPA SW-846 Method 8270E SIM 1,4Dioxane. The samples were prepared on 10/22/2022 and analyzed on 10/23/2022.

No difficulties were encountered during the 1,4 Dioxane analysis.

All quality control parameters were within the acceptance limits.

Sample Summary

Client: ARCADIS U.S., Inc.
Project/Site: AstraZeneca Novak, McDonough, NY

Job ID: 460-267943-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-267943-1	MW-104	Water	10/20/22 13:25	10/21/22 09:20
460-267943-2	DUP	Water	10/20/22 13:25	10/21/22 09:20
460-267943-3	Trip Blank	Water	10/20/22 13:25	10/21/22 09:20

Detection Summary

Client: ARCADIS U.S., Inc.
Project/Site: AstraZeneca Novak, McDonough, NY

Job ID: 460-267943-1

Client Sample ID: MW-104

Lab Sample ID: 460-267943-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
1,1-Dichloroethane	4.3		1.0	0.26	ug/L		1		8260D	Total/NA
Benzene	0.66	J	1.0	0.20	ug/L		1		8260D	Total/NA
cis-1,2-Dichloroethene	1.4		1.0	0.22	ug/L		1		8260D	Total/NA
Vinyl chloride	6.3		1.0	0.17	ug/L		1		8260D	Total/NA
1,4-Dioxane	0.80		0.20	0.072	ug/L		1		8270E SIM ID	Total/NA

Client Sample ID: DUP

Lab Sample ID: 460-267943-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
1,1-Dichloroethane	4.3		1.0	0.26	ug/L		1		8260D	Total/NA
Benzene	0.62	J	1.0	0.20	ug/L		1		8260D	Total/NA
cis-1,2-Dichloroethene	1.3		1.0	0.22	ug/L		1		8260D	Total/NA
Vinyl chloride	5.6		1.0	0.17	ug/L		1		8260D	Total/NA
1,4-Dioxane	0.60		0.20	0.072	ug/L		1		8270E SIM ID	Total/NA

Client Sample ID: Trip Blank

Lab Sample ID: 460-267943-3

No Detections.

Method Summary

Client: ARCADIS U.S., Inc.

Job ID: 460-267943-1

Project/Site: AstraZeneca Novak, McDonough, NY

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET EDI
8270E SIM ID	Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)	SW846	EET EDI
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET EDI
5030C	Purge and Trap	SW846	EET EDI

Protocol References:

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

Client Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: AstraZeneca Novak, McDonough, NY

Job ID: 460-267943-1

Client Sample ID: MW-104

Lab Sample ID: 460-267943-1

Date Collected: 10/20/22 13:25

Matrix: Water

Date Received: 10/21/22 09:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			10/22/22 12:10	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			10/22/22 12:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			10/22/22 12:10	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			10/22/22 12:10	1
1,1-Dichloroethane	4.3		1.0	0.26	ug/L			10/22/22 12:10	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			10/22/22 12:10	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			10/22/22 12:10	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			10/22/22 12:10	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			10/22/22 12:10	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			10/22/22 12:10	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			10/22/22 12:10	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			10/22/22 12:10	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			10/22/22 12:10	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			10/22/22 12:10	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			10/22/22 12:10	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			10/22/22 12:10	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			10/22/22 12:10	1
Acetone	4.4	U	5.0	4.4	ug/L			10/22/22 12:10	1
Benzene	0.66	J	1.0	0.20	ug/L			10/22/22 12:10	1
Bromoform	0.54	U	1.0	0.54	ug/L			10/22/22 12:10	1
Bromomethane	0.55	U	1.0	0.55	ug/L			10/22/22 12:10	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			10/22/22 12:10	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			10/22/22 12:10	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			10/22/22 12:10	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			10/22/22 12:10	1
Chlorodibromomethane	0.28	U	1.0	0.28	ug/L			10/22/22 12:10	1
Chloroethane	0.32	U	1.0	0.32	ug/L			10/22/22 12:10	1
Chloroform	0.33	U	1.0	0.33	ug/L			10/22/22 12:10	1
Chloromethane	0.40	U	1.0	0.40	ug/L			10/22/22 12:10	1
cis-1,2-Dichloroethene	1.4		1.0	0.22	ug/L			10/22/22 12:10	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			10/22/22 12:10	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			10/22/22 12:10	1
Dichlorobromomethane	0.34	U	1.0	0.34	ug/L			10/22/22 12:10	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			10/22/22 12:10	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			10/22/22 12:10	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			10/22/22 12:10	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			10/22/22 12:10	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			10/22/22 12:10	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			10/22/22 12:10	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			10/22/22 12:10	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			10/22/22 12:10	1
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			10/22/22 12:10	1
o-Xylene	0.36	U	1.0	0.36	ug/L			10/22/22 12:10	1
Styrene	0.42	U	1.0	0.42	ug/L			10/22/22 12:10	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			10/22/22 12:10	1
Toluene	0.38	U	1.0	0.38	ug/L			10/22/22 12:10	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			10/22/22 12:10	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			10/22/22 12:10	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			10/22/22 12:10	1

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Client Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: AstraZeneca Novak, McDonough, NY

Job ID: 460-267943-1

Client Sample ID: MW-104

Lab Sample ID: 460-267943-1

Date Collected: 10/20/22 13:25

Matrix: Water

Date Received: 10/21/22 09:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			10/22/22 12:10	1
Vinyl chloride	6.3		1.0	0.17	ug/L			10/22/22 12:10	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					10/22/22 12:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	120		70 - 128		10/22/22 12:10	1
4-Bromofluorobenzene	112		76 - 120		10/22/22 12:10	1
Dibromofluoromethane (Surr)	118		77 - 124		10/22/22 12:10	1
Toluene-d8 (Surr)	101		80 - 120		10/22/22 12:10	1

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.80		0.20	0.072	ug/L		10/22/22 10:40	10/23/22 17:02	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	25		10 - 150	10/22/22 10:40	10/23/22 17:02	1

Client Sample ID: DUP

Lab Sample ID: 460-267943-2

Date Collected: 10/20/22 13:25

Matrix: Water

Date Received: 10/21/22 09:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			10/22/22 12:32	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			10/22/22 12:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			10/22/22 12:32	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			10/22/22 12:32	1
1,1-Dichloroethane	4.3		1.0	0.26	ug/L			10/22/22 12:32	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			10/22/22 12:32	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			10/22/22 12:32	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			10/22/22 12:32	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			10/22/22 12:32	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			10/22/22 12:32	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			10/22/22 12:32	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			10/22/22 12:32	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			10/22/22 12:32	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			10/22/22 12:32	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			10/22/22 12:32	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			10/22/22 12:32	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			10/22/22 12:32	1
Acetone	4.4	U	5.0	4.4	ug/L			10/22/22 12:32	1
Benzene	0.62	J	1.0	0.20	ug/L			10/22/22 12:32	1
Bromoform	0.54	U	1.0	0.54	ug/L			10/22/22 12:32	1
Bromomethane	0.55	U	1.0	0.55	ug/L			10/22/22 12:32	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			10/22/22 12:32	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			10/22/22 12:32	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			10/22/22 12:32	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			10/22/22 12:32	1
Chlorodibromomethane	0.28	U	1.0	0.28	ug/L			10/22/22 12:32	1

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Client Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: AstraZeneca Novak, McDonough, NY

Job ID: 460-267943-1

Client Sample ID: DUP

Lab Sample ID: 460-267943-2

Date Collected: 10/20/22 13:25

Matrix: Water

Date Received: 10/21/22 09:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	0.32	U	1.0	0.32	ug/L			10/22/22 12:32	1
Chloroform	0.33	U	1.0	0.33	ug/L			10/22/22 12:32	1
Chloromethane	0.40	U	1.0	0.40	ug/L			10/22/22 12:32	1
cis-1,2-Dichloroethene	1.3		1.0	0.22	ug/L			10/22/22 12:32	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			10/22/22 12:32	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			10/22/22 12:32	1
Dichlorobromomethane	0.34	U	1.0	0.34	ug/L			10/22/22 12:32	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			10/22/22 12:32	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			10/22/22 12:32	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			10/22/22 12:32	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			10/22/22 12:32	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			10/22/22 12:32	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			10/22/22 12:32	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			10/22/22 12:32	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			10/22/22 12:32	1
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			10/22/22 12:32	1
o-Xylene	0.36	U	1.0	0.36	ug/L			10/22/22 12:32	1
Styrene	0.42	U	1.0	0.42	ug/L			10/22/22 12:32	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			10/22/22 12:32	1
Toluene	0.38	U	1.0	0.38	ug/L			10/22/22 12:32	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			10/22/22 12:32	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			10/22/22 12:32	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			10/22/22 12:32	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			10/22/22 12:32	1
Vinyl chloride	5.6		1.0	0.17	ug/L			10/22/22 12:32	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					10/22/22 12:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	121		70 - 128					10/22/22 12:32	1
4-Bromofluorobenzene	109		76 - 120					10/22/22 12:32	1
Dibromofluoromethane (Surr)	119		77 - 124					10/22/22 12:32	1
Toluene-d8 (Surr)	99		80 - 120					10/22/22 12:32	1

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.60		0.20	0.072	ug/L		10/22/22 10:40	10/23/22 17:18	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	25		10 - 150				10/22/22 10:40	10/23/22 17:18	1

Client Sample ID: Trip Blank

Lab Sample ID: 460-267943-3

Date Collected: 10/20/22 13:25

Matrix: Water

Date Received: 10/21/22 09:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			10/22/22 11:07	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			10/22/22 11:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			10/22/22 11:07	1

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Client Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: AstraZeneca Novak, McDonough, NY

Job ID: 460-267943-1

Client Sample ID: Trip Blank

Lab Sample ID: 460-267943-3

Date Collected: 10/20/22 13:25

Matrix: Water

Date Received: 10/21/22 09:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			10/22/22 11:07	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			10/22/22 11:07	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			10/22/22 11:07	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			10/22/22 11:07	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			10/22/22 11:07	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			10/22/22 11:07	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			10/22/22 11:07	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			10/22/22 11:07	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			10/22/22 11:07	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			10/22/22 11:07	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			10/22/22 11:07	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			10/22/22 11:07	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			10/22/22 11:07	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			10/22/22 11:07	1
Acetone	4.4	U	5.0	4.4	ug/L			10/22/22 11:07	1
Benzene	0.20	U	1.0	0.20	ug/L			10/22/22 11:07	1
Bromoform	0.54	U	1.0	0.54	ug/L			10/22/22 11:07	1
Bromomethane	0.55	U	1.0	0.55	ug/L			10/22/22 11:07	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			10/22/22 11:07	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			10/22/22 11:07	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			10/22/22 11:07	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			10/22/22 11:07	1
Chlorodibromomethane	0.28	U	1.0	0.28	ug/L			10/22/22 11:07	1
Chloroethane	0.32	U	1.0	0.32	ug/L			10/22/22 11:07	1
Chloroform	0.33	U	1.0	0.33	ug/L			10/22/22 11:07	1
Chloromethane	0.40	U	1.0	0.40	ug/L			10/22/22 11:07	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			10/22/22 11:07	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			10/22/22 11:07	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			10/22/22 11:07	1
Dichlorobromomethane	0.34	U	1.0	0.34	ug/L			10/22/22 11:07	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			10/22/22 11:07	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			10/22/22 11:07	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			10/22/22 11:07	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			10/22/22 11:07	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			10/22/22 11:07	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			10/22/22 11:07	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			10/22/22 11:07	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			10/22/22 11:07	1
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			10/22/22 11:07	1
o-Xylene	0.36	U	1.0	0.36	ug/L			10/22/22 11:07	1
Styrene	0.42	U	1.0	0.42	ug/L			10/22/22 11:07	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			10/22/22 11:07	1
Toluene	0.38	U	1.0	0.38	ug/L			10/22/22 11:07	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			10/22/22 11:07	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			10/22/22 11:07	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			10/22/22 11:07	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			10/22/22 11:07	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			10/22/22 11:07	1

Client Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: AstraZeneca Novak, McDonough, NY

Job ID: 460-267943-1

Client Sample ID: Trip Blank

Lab Sample ID: 460-267943-3

Date Collected: 10/20/22 13:25

Matrix: Water

Date Received: 10/21/22 09:20

<i>Tentatively Identified Compound</i>	<i>Est. Result</i>	<i>Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>RT</i>	<i>CAS No.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Tentatively Identified Compound</i>	<i>None</i>		<i>ug/L</i>					<i>10/22/22 11:07</i>	<i>1</i>
<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>				<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>1,2-Dichloroethane-d4 (Surr)</i>	<i>113</i>		<i>70 - 128</i>					<i>10/22/22 11:07</i>	<i>1</i>
<i>4-Bromofluorobenzene</i>	<i>108</i>		<i>76 - 120</i>					<i>10/22/22 11:07</i>	<i>1</i>
<i>Dibromofluoromethane (Surr)</i>	<i>111</i>		<i>77 - 124</i>					<i>10/22/22 11:07</i>	<i>1</i>
<i>Toluene-d8 (Surr)</i>	<i>102</i>		<i>80 - 120</i>					<i>10/22/22 11:07</i>	<i>1</i>

Surrogate Summary

Client: ARCADIS U.S., Inc.
Project/Site: AstraZeneca Novak, McDonough, NY

Job ID: 460-267943-1

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

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	DCA (70-128)	BFB (76-120)	DBFM (77-124)	TOL (80-120)
460-267862-B-1 MS	Matrix Spike	110	112	109	106
460-267862-B-1 MSD	Matrix Spike Duplicate	110	109	111	102
460-267943-1	MW-104	120	112	118	101
460-267943-2	DUP	121	109	119	99
460-267943-3	Trip Blank	113	108	111	102
LCS 460-873458/4	Lab Control Sample	110	113	109	105
MB 460-873458/7	Method Blank	117	112	117	101

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene

DBFM = Dibromofluoromethane (Surr)

TOL = Toluene-d8 (Surr)

Isotope Dilution Summary

Client: ARCADIS U.S., Inc.
Project/Site: AstraZeneca Novak, McDonough, NY

Job ID: 460-267943-1

Method: 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Matrix: Water

Prep Type: Total/NA

Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DXE (10-150)
460-267943-1	MW-104	25
460-267943-2	DUP	25
LCS 460-873482/2-A	Lab Control Sample	34
LCSD 460-873482/3-A	Lab Control Sample Dup	32
MB 460-873482/1-A	Method Blank	33

Surrogate Legend

DXE = 1,4-Dioxane-d8

QC Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: AstraZeneca Novak, McDonough, NY

Job ID: 460-267943-1

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

Lab Sample ID: MB 460-873458/7

Matrix: Water

Analysis Batch: 873458

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			10/22/22 09:41	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			10/22/22 09:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			10/22/22 09:41	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			10/22/22 09:41	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			10/22/22 09:41	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			10/22/22 09:41	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			10/22/22 09:41	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			10/22/22 09:41	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			10/22/22 09:41	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			10/22/22 09:41	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			10/22/22 09:41	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			10/22/22 09:41	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			10/22/22 09:41	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			10/22/22 09:41	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			10/22/22 09:41	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			10/22/22 09:41	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			10/22/22 09:41	1
Acetone	4.4	U	5.0	4.4	ug/L			10/22/22 09:41	1
Benzene	0.20	U	1.0	0.20	ug/L			10/22/22 09:41	1
Bromoform	0.54	U	1.0	0.54	ug/L			10/22/22 09:41	1
Bromomethane	0.55	U	1.0	0.55	ug/L			10/22/22 09:41	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			10/22/22 09:41	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			10/22/22 09:41	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			10/22/22 09:41	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			10/22/22 09:41	1
Chlorodibromomethane	0.28	U	1.0	0.28	ug/L			10/22/22 09:41	1
Chloroethane	0.32	U	1.0	0.32	ug/L			10/22/22 09:41	1
Chloroform	0.33	U	1.0	0.33	ug/L			10/22/22 09:41	1
Chloromethane	0.40	U	1.0	0.40	ug/L			10/22/22 09:41	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			10/22/22 09:41	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			10/22/22 09:41	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			10/22/22 09:41	1
Dichlorobromomethane	0.34	U	1.0	0.34	ug/L			10/22/22 09:41	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			10/22/22 09:41	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			10/22/22 09:41	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			10/22/22 09:41	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			10/22/22 09:41	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			10/22/22 09:41	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			10/22/22 09:41	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			10/22/22 09:41	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			10/22/22 09:41	1
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			10/22/22 09:41	1
o-Xylene	0.36	U	1.0	0.36	ug/L			10/22/22 09:41	1
Styrene	0.42	U	1.0	0.42	ug/L			10/22/22 09:41	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			10/22/22 09:41	1
Toluene	0.38	U	1.0	0.38	ug/L			10/22/22 09:41	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			10/22/22 09:41	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			10/22/22 09:41	1

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QC Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: AstraZeneca Novak, McDonough, NY

Job ID: 460-267943-1

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

Lab Sample ID: MB 460-873458/7

Matrix: Water

Analysis Batch: 873458

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	0.31	U	1.0	0.31	ug/L			10/22/22 09:41	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			10/22/22 09:41	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			10/22/22 09:41	1

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					10/22/22 09:41	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	117		70 - 128		10/22/22 09:41	1
4-Bromofluorobenzene	112		76 - 120		10/22/22 09:41	1
Dibromofluoromethane (Surr)	117		77 - 124		10/22/22 09:41	1
Toluene-d8 (Surr)	101		80 - 120		10/22/22 09:41	1

Lab Sample ID: LCS 460-873458/4

Matrix: Water

Analysis Batch: 873458

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	20.0	23.6		ug/L		118	68 - 128
1,1,2,2-Tetrachloroethane	20.0	18.0		ug/L		90	63 - 139
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	19.3		ug/L		97	51 - 142
1,1,2-Trichloroethane	20.0	20.6		ug/L		103	74 - 125
1,1-Dichloroethane	20.0	18.8		ug/L		94	73 - 130
1,1-Dichloroethene	20.0	21.3		ug/L		107	68 - 133
1,2,3-Trichlorobenzene	20.0	21.9		ug/L		109	56 - 144
1,2,4-Trichlorobenzene	20.0	23.2		ug/L		116	67 - 132
1,2-Dibromo-3-Chloropropane	20.0	21.7		ug/L		108	58 - 132
1,2-Dichlorobenzene	20.0	21.0		ug/L		105	80 - 120
1,2-Dichloroethane	20.0	21.7		ug/L		109	66 - 129
1,2-Dichloropropane	20.0	18.6		ug/L		93	68 - 128
1,3-Dichlorobenzene	20.0	21.7		ug/L		109	80 - 120
1,4-Dichlorobenzene	20.0	21.0		ug/L		105	80 - 120
2-Butanone (MEK)	100	123		ug/L		123	61 - 128
2-Hexanone	100	108		ug/L		108	61 - 134
4-Methyl-2-pentanone (MIBK)	100	109		ug/L		109	69 - 128
Acetone	100	104		ug/L		104	61 - 134
Benzene	20.0	20.8		ug/L		104	71 - 126
Bromoform	20.0	24.6		ug/L		123	48 - 144
Bromomethane	20.0	30.0		ug/L		150	32 - 150
Carbon disulfide	20.0	21.4		ug/L		107	64 - 138
Carbon tetrachloride	20.0	23.8		ug/L		119	61 - 131
Chlorobenzene	20.0	20.9		ug/L		105	80 - 120
Chlorobromomethane	20.0	22.2		ug/L		111	67 - 126
Chlorodibromomethane	20.0	24.1		ug/L		121	62 - 130
Chloroethane	20.0	20.4		ug/L		102	42 - 150
Chloroform	20.0	22.1		ug/L		111	78 - 125
Chloromethane	20.0	13.3		ug/L		67	43 - 150

Eurofins Edison

QC Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: AstraZeneca Novak, McDonough, NY

Job ID: 460-267943-1

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

Lab Sample ID: LCS 460-873458/4

Matrix: Water

Analysis Batch: 873458

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
cis-1,2-Dichloroethene	20.0	20.0		ug/L		100	78 - 121
cis-1,3-Dichloropropene	20.0	20.4		ug/L		102	74 - 125
Cyclohexane	20.0	19.9		ug/L		100	60 - 133
Dichlorobromomethane	20.0	21.9		ug/L		109	76 - 121
Dichlorodifluoromethane	20.0	14.7		ug/L		73	33 - 150
Ethylbenzene	20.0	22.5		ug/L		113	78 - 120
Ethylene Dibromide	20.0	21.3		ug/L		106	79 - 126
Isopropylbenzene	20.0	23.1		ug/L		116	79 - 125
Methyl acetate	40.0	34.4		ug/L		86	55 - 146
Methyl tert-butyl ether	20.0	21.5		ug/L		108	72 - 131
Methylcyclohexane	20.0	19.4		ug/L		97	54 - 139
Methylene Chloride	20.0	18.9		ug/L		95	74 - 127
m-Xylene & p-Xylene	20.0	22.3		ug/L		111	78 - 120
o-Xylene	20.0	22.4		ug/L		112	78 - 120
Styrene	20.0	21.9		ug/L		110	75 - 127
Tetrachloroethene	20.0	21.8		ug/L		109	70 - 127
Toluene	20.0	20.3		ug/L		102	78 - 120
trans-1,2-Dichloroethene	20.0	20.8		ug/L		104	74 - 126
trans-1,3-Dichloropropene	20.0	21.6		ug/L		108	66 - 127
Trichloroethene	20.0	21.2		ug/L		106	71 - 121
Trichlorofluoromethane	20.0	17.2		ug/L		86	50 - 150
Vinyl chloride	20.0	15.9		ug/L		79	55 - 144

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	110		70 - 128
4-Bromofluorobenzene	113		76 - 120
Dibromofluoromethane (Surr)	109		77 - 124
Toluene-d8 (Surr)	105		80 - 120

Lab Sample ID: 460-267862-B-1 MS

Matrix: Water

Analysis Batch: 873458

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.24	U F1	200	249		ug/L		124	68 - 128
1,1,2,2-Tetrachloroethane	0.37	U	200	196		ug/L		98	63 - 139
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	200	238		ug/L		119	51 - 142
1,1,2-Trichloroethane	0.20	U	200	212		ug/L		106	74 - 125
1,1-Dichloroethane	0.26	U	200	208		ug/L		104	73 - 130
1,1-Dichloroethene	0.26	U	200	236		ug/L		118	68 - 133
1,2,3-Trichlorobenzene	0.36	U	200	190		ug/L		95	56 - 144
1,2,4-Trichlorobenzene	0.37	U	200	217		ug/L		109	67 - 132
1,2-Dibromo-3-Chloropropane	0.38	U	200	211		ug/L		105	58 - 132
1,2-Dichlorobenzene	0.21	U	200	208		ug/L		104	80 - 120
1,2-Dichloroethane	0.43	U	200	223		ug/L		112	66 - 129
1,2-Dichloropropane	0.35	U	200	202		ug/L		101	68 - 128
1,3-Dichlorobenzene	0.34	U	200	209		ug/L		105	80 - 120
1,4-Dichlorobenzene	0.33	U	200	206		ug/L		103	80 - 120

Eurofins Edison

QC Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: AstraZeneca Novak, McDonough, NY

Job ID: 460-267943-1

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

Lab Sample ID: 460-267862-B-1 MS

Matrix: Water

Analysis Batch: 873458

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
2-Butanone (MEK)	1.9	U	1000	1180		ug/L		118	61 - 128
2-Hexanone	1.1	U	1000	1060		ug/L		106	61 - 134
4-Methyl-2-pentanone (MIBK)	1.3	U	1000	1060		ug/L		106	69 - 128
Acetone	5.2		1000	1010		ug/L		100	61 - 134
Benzene	0.20	U	200	230		ug/L		115	71 - 126
Bromoform	0.54	U	200	253		ug/L		127	48 - 144
Bromomethane	0.55	U F2	200	185		ug/L		93	32 - 150
Carbon disulfide	0.82	U	200	233		ug/L		116	64 - 138
Carbon tetrachloride	0.21	U F1	200	256		ug/L		128	61 - 131
Chlorobenzene	0.38	U	200	213		ug/L		107	80 - 120
Chlorobromomethane	0.41	U	200	227		ug/L		113	67 - 126
Chlorodibromomethane	0.28	U	200	241		ug/L		120	62 - 130
Chloroethane	0.32	U	200	217		ug/L		109	42 - 150
Chloroform	0.33	U	200	236		ug/L		118	78 - 125
Chloromethane	0.40	U	200	161		ug/L		81	43 - 150
cis-1,2-Dichloroethene	0.22	U	200	217		ug/L		108	78 - 121
cis-1,3-Dichloropropene	0.22	U	200	212		ug/L		106	74 - 125
Cyclohexane	0.32	U	200	235		ug/L		118	60 - 133
Dichlorobromomethane	0.34	U	200	229		ug/L		114	76 - 121
Dichlorodifluoromethane	0.31	U	200	190		ug/L		95	33 - 150
Ethylbenzene	0.30	U	200	233		ug/L		116	78 - 120
Ethylene Dibromide	0.50	U	200	225		ug/L		112	79 - 126
Isopropylbenzene	0.34	U	200	240		ug/L		120	79 - 125
Methyl acetate	0.79	U	400	386		ug/L		97	55 - 146
Methyl tert-butyl ether	0.88	J	200	229		ug/L		114	72 - 131
Methylcyclohexane	0.71	U	200	229		ug/L		114	54 - 139
Methylene Chloride	0.32	U	200	208		ug/L		104	74 - 127
m-Xylene & p-Xylene	0.30	U	200	228		ug/L		114	78 - 120
o-Xylene	0.36	U	200	229		ug/L		115	78 - 120
Styrene	0.42	U	200	225		ug/L		113	75 - 127
Tetrachloroethene	0.25	U	200	227		ug/L		114	70 - 127
Toluene	0.38	U	200	216		ug/L		108	78 - 120
trans-1,2-Dichloroethene	0.24	U	200	223		ug/L		112	74 - 126
trans-1,3-Dichloropropene	0.22	U	200	222		ug/L		111	66 - 127
Trichloroethene	0.31	U	200	221		ug/L		110	71 - 121
Trichlorofluoromethane	0.32	U	200	213		ug/L		106	50 - 150
Vinyl chloride	0.17	U	200	207		ug/L		103	55 - 144

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	110		70 - 128
4-Bromofluorobenzene	112		76 - 120
Dibromofluoromethane (Surr)	109		77 - 124
Toluene-d8 (Surr)	106		80 - 120

QC Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: AstraZeneca Novak, McDonough, NY

Job ID: 460-267943-1

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

Lab Sample ID: 460-267862-B-1 MSD

Matrix: Water

Analysis Batch: 873458

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.24	U F1	200	259	F1	ug/L		130	68 - 128	4	30
1,1,2,2-Tetrachloroethane	0.37	U	200	199		ug/L		100	63 - 139	2	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	200	260		ug/L		130	51 - 142	9	30
1,1,2-Trichloroethane	0.20	U	200	212		ug/L		106	74 - 125	0	30
1,1-Dichloroethane	0.26	U	200	228		ug/L		114	73 - 130	9	30
1,1-Dichloroethene	0.26	U	200	248		ug/L		124	68 - 133	5	30
1,2,3-Trichlorobenzene	0.36	U	200	220		ug/L		110	56 - 144	15	30
1,2,4-Trichlorobenzene	0.37	U	200	230		ug/L		115	67 - 132	6	30
1,2-Dibromo-3-Chloropropane	0.38	U	200	220		ug/L		110	58 - 132	4	30
1,2-Dichlorobenzene	0.21	U	200	220		ug/L		110	80 - 120	6	30
1,2-Dichloroethane	0.43	U	200	235		ug/L		117	66 - 129	5	30
1,2-Dichloropropane	0.35	U	200	212		ug/L		106	68 - 128	5	30
1,3-Dichlorobenzene	0.34	U	200	223		ug/L		111	80 - 120	6	30
1,4-Dichlorobenzene	0.33	U	200	219		ug/L		109	80 - 120	6	30
2-Butanone (MEK)	1.9	U	1000	1220		ug/L		122	61 - 128	4	30
2-Hexanone	1.1	U	1000	1130		ug/L		113	61 - 134	6	30
4-Methyl-2-pentanone (MIBK)	1.3	U	1000	1130		ug/L		113	69 - 128	6	30
Acetone	5.2		1000	1090		ug/L		109	61 - 134	8	30
Benzene	0.20	U	200	240		ug/L		120	71 - 126	4	30
Bromoform	0.54	U	200	259		ug/L		129	48 - 144	2	30
Bromomethane	0.55	U F2	200	270	F2	ug/L		135	32 - 150	37	30
Carbon disulfide	0.82	U	200	245		ug/L		122	64 - 138	5	30
Carbon tetrachloride	0.21	U F1	200	265	F1	ug/L		133	61 - 131	3	30
Chlorobenzene	0.38	U	200	220		ug/L		110	80 - 120	3	30
Chlorobromomethane	0.41	U	200	241		ug/L		120	67 - 126	6	30
Chlorodibromomethane	0.28	U	200	250		ug/L		125	62 - 130	4	30
Chloroethane	0.32	U	200	250		ug/L		125	42 - 150	14	30
Chloroform	0.33	U	200	244		ug/L		122	78 - 125	4	30
Chloromethane	0.40	U	200	178		ug/L		89	43 - 150	10	30
cis-1,2-Dichloroethene	0.22	U	200	230		ug/L		115	78 - 121	6	30
cis-1,3-Dichloropropene	0.22	U	200	218		ug/L		109	74 - 125	3	30
Cyclohexane	0.32	U	200	251		ug/L		126	60 - 133	7	30
Dichlorobromomethane	0.34	U	200	237		ug/L		118	76 - 121	3	30
Dichlorodifluoromethane	0.31	U	200	209		ug/L		105	33 - 150	10	30
Ethylbenzene	0.30	U	200	239		ug/L		120	78 - 120	3	30
Ethylene Dibromide	0.50	U	200	225		ug/L		112	79 - 126	0	30
Isopropylbenzene	0.34	U	200	246		ug/L		123	79 - 125	3	30
Methyl acetate	0.79	U	400	377		ug/L		94	55 - 146	3	30
Methyl tert-butyl ether	0.88	J	200	235		ug/L		117	72 - 131	3	30
Methylcyclohexane	0.71	U	200	237		ug/L		119	54 - 139	4	30
Methylene Chloride	0.32	U	200	213		ug/L		106	74 - 127	2	30
m-Xylene & p-Xylene	0.30	U	200	232		ug/L		116	78 - 120	2	30
o-Xylene	0.36	U	200	240		ug/L		120	78 - 120	5	30
Styrene	0.42	U	200	234		ug/L		117	75 - 127	4	30
Tetrachloroethene	0.25	U	200	235		ug/L		118	70 - 127	4	30
Toluene	0.38	U	200	220		ug/L		110	78 - 120	2	30
trans-1,2-Dichloroethene	0.24	U	200	244		ug/L		122	74 - 126	9	30
trans-1,3-Dichloropropene	0.22	U	200	225		ug/L		112	66 - 127	1	30

Eurofins Edison

QC Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: AstraZeneca Novak, McDonough, NY

Job ID: 460-267943-1

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

Lab Sample ID: 460-267862-B-1 MSD

Matrix: Water

Analysis Batch: 873458

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Trichloroethene	0.31	U	200	234		ug/L		117	71 - 121	6	30
Trichlorofluoromethane	0.32	U	200	233		ug/L		116	50 - 150	9	30
Vinyl chloride	0.17	U	200	216		ug/L		108	55 - 144	5	30
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1,2-Dichloroethane-d4 (Surr)	110		70 - 128								
4-Bromofluorobenzene	109		76 - 120								
Dibromofluoromethane (Surr)	111		77 - 124								
Toluene-d8 (Surr)	102		80 - 120								

Method: 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Lab Sample ID: MB 460-873482/1-A

Matrix: Water

Analysis Batch: 873640

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 873482

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.072	U	0.20	0.072	ug/L		10/22/22 10:40	10/23/22 15:58	1
Isotope Dilution	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	33		10 - 150				10/22/22 10:40	10/23/22 15:58	1

Lab Sample ID: LCS 460-873482/2-A

Matrix: Water

Analysis Batch: 873640

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 873482

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,4-Dioxane	1.60	1.53		ug/L		96	50 - 142		
Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits						
1,4-Dioxane-d8	34		10 - 150						

Lab Sample ID: LCSD 460-873482/3-A

Matrix: Water

Analysis Batch: 873640

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 873482

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,4-Dioxane	1.60	1.77		ug/L		111	50 - 142	14	20
Isotope Dilution	LCSD %Recovery	LCSD Qualifier	Limits						
1,4-Dioxane-d8	32		10 - 150						

Definitions/Glossary

Client: ARCADIS U.S., Inc.
Project/Site: AstraZeneca Novak, McDonough, NY

Job ID: 460-267943-1

Qualifiers

GC/MS 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/MS Semi VOA

Qualifier	Qualifier Description
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)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

QC Association Summary

Client: ARCADIS U.S., Inc.
Project/Site: AstraZeneca Novak, McDonough, NY

Job ID: 460-267943-1

GC/MS VOA

Analysis Batch: 873458

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267943-1	MW-104	Total/NA	Water	8260D	
460-267943-2	DUP	Total/NA	Water	8260D	
460-267943-3	Trip Blank	Total/NA	Water	8260D	
MB 460-873458/7	Method Blank	Total/NA	Water	8260D	
LCS 460-873458/4	Lab Control Sample	Total/NA	Water	8260D	
460-267862-B-1 MS	Matrix Spike	Total/NA	Water	8260D	
460-267862-B-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 873482

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267943-1	MW-104	Total/NA	Water	3510C	
460-267943-2	DUP	Total/NA	Water	3510C	
MB 460-873482/1-A	Method Blank	Total/NA	Water	3510C	
LCS 460-873482/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 460-873482/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 873640

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-267943-1	MW-104	Total/NA	Water	8270E SIM ID	873482
460-267943-2	DUP	Total/NA	Water	8270E SIM ID	873482
MB 460-873482/1-A	Method Blank	Total/NA	Water	8270E SIM ID	873482
LCS 460-873482/2-A	Lab Control Sample	Total/NA	Water	8270E SIM ID	873482
LCSD 460-873482/3-A	Lab Control Sample Dup	Total/NA	Water	8270E SIM ID	873482

Lab Chronicle

Client: ARCADIS U.S., Inc.
Project/Site: AstraZeneca Novak, McDonough, NY

Job ID: 460-267943-1

Client Sample ID: MW-104

Date Collected: 10/20/22 13:25

Date Received: 10/21/22 09:20

Lab Sample ID: 460-267943-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	873458	SZD	EET EDI	10/22/22 12:10
Total/NA	Prep	3510C			873482	NMP	EET EDI	10/22/22 10:40
Total/NA	Analysis	8270E SIM ID		1	873640	YAH	EET EDI	10/23/22 17:02

Client Sample ID: DUP

Date Collected: 10/20/22 13:25

Date Received: 10/21/22 09:20

Lab Sample ID: 460-267943-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	873458	SZD	EET EDI	10/22/22 12:32
Total/NA	Prep	3510C			873482	NMP	EET EDI	10/22/22 10:40
Total/NA	Analysis	8270E SIM ID		1	873640	YAH	EET EDI	10/23/22 17:18

Client Sample ID: Trip Blank

Date Collected: 10/20/22 13:25

Date Received: 10/21/22 09:20

Lab Sample ID: 460-267943-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	873458	SZD	EET EDI	10/22/22 11:07

Laboratory References:

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

Accreditation/Certification Summary

Client: ARCADIS U.S., Inc.
Project/Site: AstraZeneca Novak, McDonough, NY

Job ID: 460-267943-1

Laboratory: Eurofins Edison

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	04-01-23

8260D

Volatile Organic Compounds by GC/MS

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-267943-1
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 #
MW-104	460-267943-1	118	120	101	112
DUP	460-267943-2	119	121	99	109
Trip Blank	460-267943-3	111	113	102	108
	MB 460-873458/7	117	117	101	112
	LCS 460-873458/4	109	110	105	113
	460-267862-B-1 MS	109	110	106	112
	460-267862-B-1 MSD	111	110	102	109

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

QC LIMITS
77-124
70-128
80-120
76-120

Column to be used to flag recovery values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-267943-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: T654543.D
 Lab ID: LCS 460-873458/4 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	23.6	118	68-128	
1,1,2,2-Tetrachloroethane	20.0	18.0	90	63-139	
1,1,2-Trichloro-1,2,2-trifluor oethane	20.0	19.3	97	51-142	
1,1,2-Trichloroethane	20.0	20.6	103	74-125	
1,1-Dichloroethane	20.0	18.8	94	73-130	
1,1-Dichloroethene	20.0	21.3	107	68-133	
1,2,3-Trichlorobenzene	20.0	21.9	109	56-144	
1,2,4-Trichlorobenzene	20.0	23.2	116	67-132	
1,2-Dibromo-3-Chloropropane	20.0	21.7	108	58-132	
1,2-Dichlorobenzene	20.0	21.0	105	80-120	
1,2-Dichloroethane	20.0	21.7	109	66-129	
1,2-Dichloropropane	20.0	18.6	93	68-128	
1,3-Dichlorobenzene	20.0	21.7	109	80-120	
1,4-Dichlorobenzene	20.0	21.0	105	80-120	
2-Butanone (MEK)	100	123	123	61-128	
2-Hexanone	100	108	108	61-134	
4-Methyl-2-pentanone (MIBK)	100	109	109	69-128	
Acetone	100	104	104	61-134	
Benzene	20.0	20.8	104	71-126	
Bromoform	20.0	24.6	123	48-144	
Bromomethane	20.0	30.0	150	32-150	
Carbon disulfide	20.0	21.4	107	64-138	
Carbon tetrachloride	20.0	23.8	119	61-131	
Chlorobenzene	20.0	20.9	105	80-120	
Chlorobromomethane	20.0	22.2	111	67-126	
Chlorodibromomethane	20.0	24.1	121	62-130	
Chloroethane	20.0	20.4	102	42-150	
Chloroform	20.0	22.1	111	78-125	
Chloromethane	20.0	13.3	67	43-150	
cis-1,2-Dichloroethene	20.0	20.0	100	78-121	
cis-1,3-Dichloropropene	20.0	20.4	102	74-125	
Cyclohexane	20.0	19.9	100	60-133	
Dichlorobromomethane	20.0	21.9	109	76-121	
Dichlorodifluoromethane	20.0	14.7	73	33-150	
Ethylbenzene	20.0	22.5	113	78-120	
Ethylene Dibromide	20.0	21.3	106	79-126	
Isopropylbenzene	20.0	23.1	116	79-125	
Methyl acetate	40.0	34.4	86	55-146	
Methyl tert-butyl ether	20.0	21.5	108	72-131	
Methylcyclohexane	20.0	19.4	97	54-139	
Methylene Chloride	20.0	18.9	95	74-127	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-267943-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: T654543.D
 Lab ID: LCS 460-873458/4 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
m-Xylene & p-Xylene	20.0	22.3	111	78-120	
o-Xylene	20.0	22.4	112	78-120	
Styrene	20.0	21.9	110	75-127	
Tetrachloroethene	20.0	21.8	109	70-127	
Toluene	20.0	20.3	102	78-120	
trans-1,2-Dichloroethene	20.0	20.8	104	74-126	
trans-1,3-Dichloropropene	20.0	21.6	108	66-127	
Trichloroethene	20.0	21.2	106	71-121	
Trichlorofluoromethane	20.0	17.2	86	50-150	
Vinyl chloride	20.0	15.9	79	55-144	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-267943-1

SDG No.: _____

Matrix: Water Level: Low Lab File ID: T654567.D

Lab ID: 460-267862-B-1 MS Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	200	0.24 U	249	124	68-128	
1,1,2,2-Tetrachloroethane	200	0.37 U	196	98	63-139	
1,1,2-Trichloro-1,2,2-trifluor oethane	200	0.31 U	238	119	51-142	
1,1,2-Trichloroethane	200	0.20 U	212	106	74-125	
1,1-Dichloroethane	200	0.26 U	208	104	73-130	
1,1-Dichloroethene	200	0.26 U	236	118	68-133	
1,2,3-Trichlorobenzene	200	0.36 U	190	95	56-144	
1,2,4-Trichlorobenzene	200	0.37 U	217	109	67-132	
1,2-Dibromo-3-Chloropropane	200	0.38 U	211	105	58-132	
1,2-Dichlorobenzene	200	0.21 U	208	104	80-120	
1,2-Dichloroethane	200	0.43 U	223	112	66-129	
1,2-Dichloropropane	200	0.35 U	202	101	68-128	
1,3-Dichlorobenzene	200	0.34 U	209	105	80-120	
1,4-Dichlorobenzene	200	0.33 U	206	103	80-120	
2-Butanone (MEK)	1000	1.9 U	1180	118	61-128	
2-Hexanone	1000	1.1 U	1060	106	61-134	
4-Methyl-2-pentanone (MIBK)	1000	1.3 U	1060	106	69-128	
Acetone	1000	5.2	1010	100	61-134	
Benzene	200	0.20 U	230	115	71-126	
Bromoform	200	0.54 U	253	127	48-144	
Bromomethane	200	0.55 U	185	93	32-150	
Carbon disulfide	200	0.82 U	233	116	64-138	
Carbon tetrachloride	200	0.21 U	256	128	61-131	
Chlorobenzene	200	0.38 U	213	107	80-120	
Chlorobromomethane	200	0.41 U	227	113	67-126	
Chlorodibromomethane	200	0.28 U	241	120	62-130	
Chloroethane	200	0.32 U	217	109	42-150	
Chloroform	200	0.33 U	236	118	78-125	
Chloromethane	200	0.40 U	161	81	43-150	
cis-1,2-Dichloroethene	200	0.22 U	217	108	78-121	
cis-1,3-Dichloropropene	200	0.22 U	212	106	74-125	
Cyclohexane	200	0.32 U	235	118	60-133	
Dichlorobromomethane	200	0.34 U	229	114	76-121	
Dichlorodifluoromethane	200	0.31 U	190	95	33-150	
Ethylbenzene	200	0.30 U	233	116	78-120	
Ethylene Dibromide	200	0.50 U	225	112	79-126	
Isopropylbenzene	200	0.34 U	240	120	79-125	
Methyl acetate	400	0.79 U	386	97	55-146	
Methyl tert-butyl ether	200	0.88 J	229	114	72-131	
Methylcyclohexane	200	0.71 U	229	114	54-139	
Methylene Chloride	200	0.32 U	208	104	74-127	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-267943-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: T654567.D
 Lab ID: 460-267862-B-1 MS Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
m-Xylene & p-Xylene	200	0.30 U	228	114	78-120	
o-Xylene	200	0.36 U	229	115	78-120	
Styrene	200	0.42 U	225	113	75-127	
Tetrachloroethene	200	0.25 U	227	114	70-127	
Toluene	200	0.38 U	216	108	78-120	
trans-1,2-Dichloroethene	200	0.24 U	223	112	74-126	
trans-1,3-Dichloropropene	200	0.22 U	222	111	66-127	
Trichloroethene	200	0.31 U	221	110	71-121	
Trichlorofluoromethane	200	0.32 U	213	106	50-150	
Vinyl chloride	200	0.17 U	207	103	55-144	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-267943-1

SDG No.: _____

Matrix: Water Level: Low Lab File ID: T654568.D

Lab ID: 460-267862-B-1 MSD Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
1,1,1-Trichloroethane	200	259	130	4	30	68-128	F1
1,1,2,2-Tetrachloroethane	200	199	100	2	30	63-139	
1,1,2-Trichloro-1,2,2-trifluor oethane	200	260	130	9	30	51-142	
1,1,2-Trichloroethane	200	212	106	0	30	74-125	
1,1-Dichloroethane	200	228	114	9	30	73-130	
1,1-Dichloroethene	200	248	124	5	30	68-133	
1,2,3-Trichlorobenzene	200	220	110	15	30	56-144	
1,2,4-Trichlorobenzene	200	230	115	6	30	67-132	
1,2-Dibromo-3-Chloropropane	200	220	110	4	30	58-132	
1,2-Dichlorobenzene	200	220	110	6	30	80-120	
1,2-Dichloroethane	200	235	117	5	30	66-129	
1,2-Dichloropropane	200	212	106	5	30	68-128	
1,3-Dichlorobenzene	200	223	111	6	30	80-120	
1,4-Dichlorobenzene	200	219	109	6	30	80-120	
2-Butanone (MEK)	1000	1220	122	4	30	61-128	
2-Hexanone	1000	1130	113	6	30	61-134	
4-Methyl-2-pentanone (MIBK)	1000	1130	113	6	30	69-128	
Acetone	1000	1090	109	8	30	61-134	
Benzene	200	240	120	4	30	71-126	
Bromoform	200	259	129	2	30	48-144	
Bromomethane	200	270	135	37	30	32-150	F2
Carbon disulfide	200	245	122	5	30	64-138	
Carbon tetrachloride	200	265	133	3	30	61-131	F1
Chlorobenzene	200	220	110	3	30	80-120	
Chlorobromomethane	200	241	120	6	30	67-126	
Chlorodibromomethane	200	250	125	4	30	62-130	
Chloroethane	200	250	125	14	30	42-150	
Chloroform	200	244	122	4	30	78-125	
Chloromethane	200	178	89	10	30	43-150	
cis-1,2-Dichloroethene	200	230	115	6	30	78-121	
cis-1,3-Dichloropropene	200	218	109	3	30	74-125	
Cyclohexane	200	251	126	7	30	60-133	
Dichlorobromomethane	200	237	118	3	30	76-121	
Dichlorodifluoromethane	200	209	105	10	30	33-150	
Ethylbenzene	200	239	120	3	30	78-120	
Ethylene Dibromide	200	225	112	0	30	79-126	
Isopropylbenzene	200	246	123	3	30	79-125	
Methyl acetate	400	377	94	3	30	55-146	
Methyl tert-butyl ether	200	235	117	3	30	72-131	
Methylcyclohexane	200	237	119	4	30	54-139	
Methylene Chloride	200	213	106	2	30	74-127	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-267943-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: T654568.D
 Lab ID: 460-267862-B-1 MSD Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
m-Xylene & p-Xylene	200	232	116	2	30	78-120	
o-Xylene	200	240	120	5	30	78-120	
Styrene	200	234	117	4	30	75-127	
Tetrachloroethene	200	235	118	4	30	70-127	
Toluene	200	220	110	2	30	78-120	
trans-1,2-Dichloroethene	200	244	122	9	30	74-126	
trans-1,3-Dichloropropene	200	225	112	1	30	66-127	
Trichloroethene	200	234	117	6	30	71-121	
Trichlorofluoromethane	200	233	116	9	30	50-150	
Vinyl chloride	200	216	108	5	30	55-144	

Column to be used to flag recovery and RPD values

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-267943-1
SDG No.: _____
Lab File ID: T654546.D Lab Sample ID: MB 460-873458/7
Matrix: Water Heated Purge: (Y/N) N
Instrument ID: CVOAMS15 Date Analyzed: 10/22/2022 09:41
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 460-873458/4	T654543.D	10/22/2022 08:37
Trip Blank	460-267943-3	T654550.D	10/22/2022 11:07
MW-104	460-267943-1	T654553.D	10/22/2022 12:10
DUP	460-267943-2	T654554.D	10/22/2022 12:32
	460-267862-B-1 MS	T654567.D	10/22/2022 17:10
	460-267862-B-1 MSD	T654568.D	10/22/2022 17:31

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Edison Job No.: 460-267943-1
 SDG No.: _____
 Lab File ID: T652578.D BFB Injection Date: 09/14/2022
 Instrument ID: CVOAMS15 BFB Injection Time: 17:56
 Analysis Batch No.: 866282

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	50 - 200% of m/z 174	139.7
96	5 - 9% of m/z 95	7.2
173	Less than 2% of m/z 174	2.0
174	50 - 200% of m/z 95	71.6
175	5 - 9% of m/z 174	6.9
176	95 -105% of m/z 174	95.3
177	5 - 10% of m/z 176	7.4

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 460-866282/3	T652580.D	09/14/2022	18:47
	STD05 460-866282/4	T652581.D	09/14/2022	19:14
	STD1 460-866282/5	T652582.D	09/14/2022	19:35
	STD5 460-866282/6	T652583.D	09/14/2022	19:57
	STD20 460-866282/7	T652584.D	09/14/2022	20:18
	STD50 460-866282/8	T652585.D	09/14/2022	20:40
	STD200 460-866282/9	T652586.D	09/14/2022	21:01
	STD500 460-866282/10	T652587.D	09/14/2022	21:22
	ICV 460-866282/17	T652594.D	09/14/2022	23:52

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-267943-1
 SDG No.: _____
 Sample No.: STD20 460-866282/7 Date Analyzed: 09/14/2022 20:18
 Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18 (mm)
 Lab File ID (Standard): T652584.D Heated Purge: (Y/N) N
 Calibration ID: 91371

	TBAd9		BUT		FB		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
INITIAL CALIBRATION MID-POINT	46424	3.17	338611	4.37	683264	5.61	
UPPER LIMIT	92848	3.67	677222	4.87	1366528	6.11	
LOWER LIMIT	23212	2.67	169306	3.87	341632	5.11	
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-866282/17		40038	3.17	281884	4.37	624722	5.62

TBA_d9 = 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.: 460-267943-1
 SDG No.: _____
 Sample No.: STD20 460-866282/7 Date Analyzed: 09/14/2022 20:18
 Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18 (mm)
 Lab File ID (Standard): T652584.D Heated Purge: (Y/N) N
 Calibration ID: 91371

	DXE		CBNZd5		DCBd4		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
INITIAL CALIBRATION MID-POINT	36474	6.44	497244	9.74	249143	13.00	
UPPER LIMIT	72948	6.94	994488	10.24	498286	13.50	
LOWER LIMIT	18237	5.94	248622	9.24	124572	12.50	
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-866282/17		33586	6.44	455984	9.74	228207	13.00

DXE = 1,4-Dioxane-d8

CBNZd5 = Chlorobenzene-d5

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area

RT Limit = $\pm$ 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.: 460-267943-1
 SDG No.: _____
 Sample No.: CCVIS 460-873458/2 Date Analyzed: 10/22/2022 07:42
 Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18 (mm)
 Lab File ID (Standard): T654541.D Heated Purge: (Y/N) N
 Calibration ID: 91371

		TBA _d 9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		47370	3.16	282301	4.36	706609	5.61
UPPER LIMIT		94740	3.66	564602	4.86	1413218	6.11
LOWER LIMIT		23685	2.66	141151	3.86	353305	5.11
LAB SAMPLE ID		CLIENT SAMPLE ID					
LCS 460-873458/4		45326	3.17	264934	4.36	707671	5.61
MB 460-873458/7		40394	3.16	231464	4.36	586881	5.60
460-267943-3	Trip Blank	41058	3.16	247462	4.36	627821	5.60
460-267943-1	MW-104	39584	3.16	252838	4.36	610782	5.61
460-267943-2	DUP	32985	3.16	227373	4.36	587637	5.60
460-267862-B-1 MS		46909	3.16	292632	4.36	694830	5.60
460-267862-B-1 MSD		44807	3.16	277257	4.36	702438	5.61

TBA_d9 = 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.: 460-267943-1
 SDG No.: _____
 Sample No.: CCVIS 460-873458/2 Date Analyzed: 10/22/2022 07:42
 Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18 (mm)
 Lab File ID (Standard): T654541.D Heated Purge: (Y/N) N
 Calibration ID: 91371

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		37340	6.43	524716	9.73	275447	13.00
UPPER LIMIT		74680	6.93	1049432	10.23	550894	13.50
LOWER LIMIT		18670	5.93	262358	9.23	137724	12.50
LAB SAMPLE ID		CLIENT SAMPLE ID					
LCS 460-873458/4		36419	6.43	519898	9.74	273648	13.00
MB 460-873458/7		33382	6.43	462637	9.73	236586	13.00
460-267943-3	Trip Blank	31922	6.43	476217	9.73	242085	13.00
460-267943-1	MW-104	33819	6.43	478211	9.73	250876	13.00
460-267943-2	DUP	32747	6.43	475106	9.73	240139	13.00
460-267862-B-1 MS		36692	6.43	501559	9.73	267418	13.00
460-267862-B-1 MSD		36202	6.43	516089	9.73	270260	13.00

DXE = 1,4-Dioxane-d8

CBNZd5 = Chlorobenzene-d5

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area

RT Limit = $\pm$ 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: <u>Eurofins Edison</u>	Job No.: <u>460-267943-1</u>
SDG No.: _____	
Client Sample ID: <u>MW-104</u>	Lab Sample ID: <u>460-267943-1</u>
Matrix: <u>Water</u>	Lab File ID: <u>T654553.D</u>
Analysis Method: <u>8260D</u>	Date Collected: <u>10/20/2022 13:25</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>10/22/2022 12:10</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>DB-624</u> ID: <u>0.18 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>873458</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.20	U	1.0	0.20
75-34-3	1,1-Dichloroethane	4.3		1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	0.36	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	0.34	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
78-93-3	2-Butanone (MEK)	1.9	U	5.0	1.9
591-78-6	2-Hexanone	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	0.66	J	1.0	0.20
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.28	U	1.0	0.28
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.4		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
110-82-7	Cyclohexane	0.32	U	1.0	0.32
75-27-4	Dichlorobromomethane	0.34	U	1.0	0.34

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-267943-1</u>
SDG No.: _____	
Client Sample ID: <u>MW-104</u>	Lab Sample ID: <u>460-267943-1</u>
Matrix: <u>Water</u>	Lab File ID: <u>T654553.D</u>
Analysis Method: <u>8260D</u>	Date Collected: <u>10/20/2022 13:25</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>10/22/2022 12:10</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>DB-624</u> ID: <u>0.18 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>873458</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.31	U	1.0	0.31
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
106-93-4	Ethylene Dibromide	0.50	U	1.0	0.50
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34
79-20-9	Methyl acetate	0.79	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	0.22	U	1.0	0.22
108-87-2	Methylcyclohexane	0.71	U	1.0	0.71
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	0.30	U	1.0	0.30
95-47-6	o-Xylene	0.36	U	1.0	0.36
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	0.25	U	1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.22	U	1.0	0.22
79-01-6	Trichloroethene	0.31	U	1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	6.3		1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	120		70-128
460-00-4	4-Bromofluorobenzene	112		76-120
1868-53-7	Dibromofluoromethane (Surr)	118		77-124
2037-26-5	Toluene-d8 (Surr)	101		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-267943-1</u>
SDG No.: _____	
Client Sample ID: <u>MW-104</u>	Lab Sample ID: <u>460-267943-1</u>
Matrix: <u>Water</u>	Lab File ID: <u>T654553.D</u>
Analysis Method: <u>8260D</u>	Date Collected: <u>10/20/2022 13:25</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>10/22/2022 12:10</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>DB-624</u> ID: <u>0.18 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>873458</u>	Units: <u>ug/L</u>
Number TICs Found: <u>0</u>	TIC Result Total: <u>0</u>

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221022-152105.b\T654553.D
 Lims ID: 460-267943-A-1
 Client ID: MW-104
 Sample Type: Client
 Inject. Date: 22-Oct-2022 12:10:58 ALS Bottle#: 0 Worklist Smp#: 14
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-267943-A-1
 Misc. Info.: 460-0152105-014
 Operator ID: Instrument ID: CVOAMS15
 Method: \\chromfs\Edison\ChromData\CVOAMS15\20221022-152105.b\8260W_15.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 22-Oct-2022 13:03:23 Calib Date: 14-Sep-2022 21:22:51
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652587.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1646

First Level Reviewer: FK2C

Date: 22-Oct-2022 13:02:58

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
7 Vinyl chloride	62	1.672	1.672	0.000	82	15385	6.27	
* 31 TBA-d9 (IS)	66	3.160	3.160	0.000	94	39584	1000.0	
37 1,1-Dichloroethane	63	3.812	3.812	0.000	92	25889	4.31	
* 42 2-Butanone-d5	46	4.355	4.361	-0.006	48	252838	250.0	
43 cis-1,2-Dichloroethene	96	4.391	4.391	0.000	33	5315	1.39	
\$ 53 Dibromofluoromethane (Surr)	113	4.885	4.891	-0.006	95	197749	59.2	
60 Benzene	78	5.269	5.269	0.000	44	8747	0.6601	
\$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.294	5.294	0.000	90	205066	60.1	
* 65 Fluorobenzene	96	5.605	5.605	0.000	99	610782	50.0	
* 73 1,4-Dioxane-d8	96	6.428	6.428	0.000	1	33819	1000.0	
\$ 83 Toluene-d8 (Surr)	98	7.580	7.580	0.000	99	589207	50.3	
* 94 Chlorobenzene-d5	117	9.732	9.732	0.000	84	478211	50.0	
\$ 105 4-Bromofluorobenzene	174	11.610	11.616	-0.006	87	192390	55.8	
* 120 1,4-Dichlorobenzene-d4	152	13.000	13.000	0.000	96	250876	50.0	

QC Flag Legend

Processing Flags

Reagents:

VOA6IS/SURR_00061

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221022-152105.b\T654553.D

Injection Date: 22-Oct-2022 12:10:58

Instrument ID: CVOAMS15

Lims ID: 460-267943-A-1

Lab Sample ID: 460-267943-1

Client ID: MW-104

Operator ID:

ALS Bottle#: 0

Worklist Smp#: 14

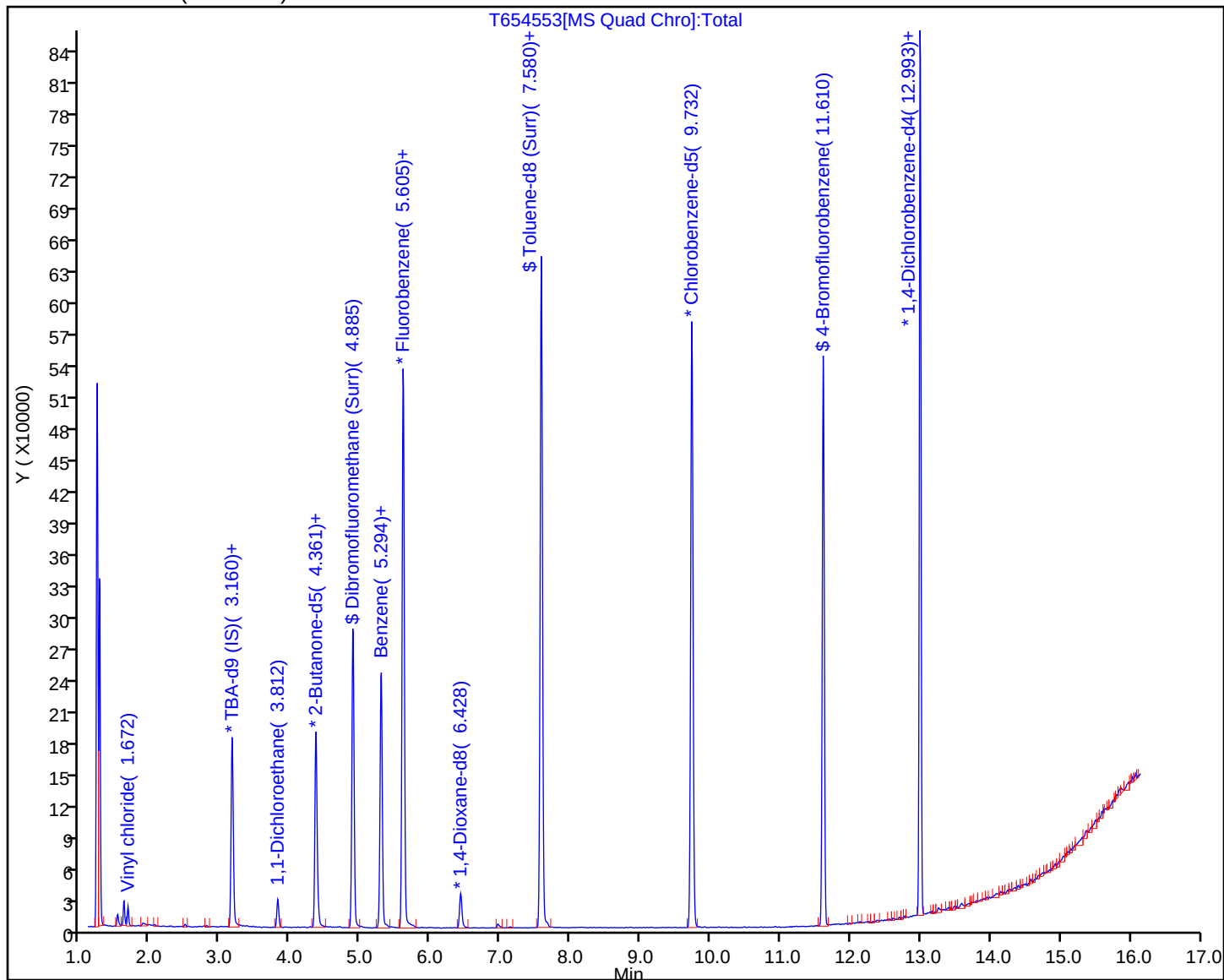
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221022-152105.b\T654553.D
 Lims ID: 460-267943-A-1
 Client ID: MW-104
 Sample Type: Client
 Inject. Date: 22-Oct-2022 12:10:58 ALS Bottle#: 0 Worklist Smp#: 14
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-267943-A-1
 Misc. Info.: 460-0152105-014
 Operator ID: Instrument ID: CVOAMS15
 Method: \\chromfs\Edison\ChromData\CVOAMS15\20221022-152105.b\8260W_15.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 22-Oct-2022 13:03:23 Calib Date: 14-Sep-2022 21:22:51
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652587.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1646

First Level Reviewer: FK2C

Date: 22-Oct-2022 13:02:58

Compound	Amount Added	Amount Recovered	% Rec.
\$ 53 Dibromofluoromethane (Surr)	50.0	59.2	118.31
\$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	60.1	120.12
\$ 83 Toluene-d8 (Surr)	50.0	50.3	100.55
\$ 105 4-Bromofluorobenzene	50.0	55.8	111.65

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221022-152105.b\T654553.D

Injection Date: 22-Oct-2022 12:10:58

Instrument ID: CVOAMS15

Lims ID: 460-267943-A-1

Lab Sample ID: 460-267943-1

Client ID: MW-104

Operator ID:

ALS Bottle#: 0 Worklist Smp#: 14

Purge Vol: 5.000 mL

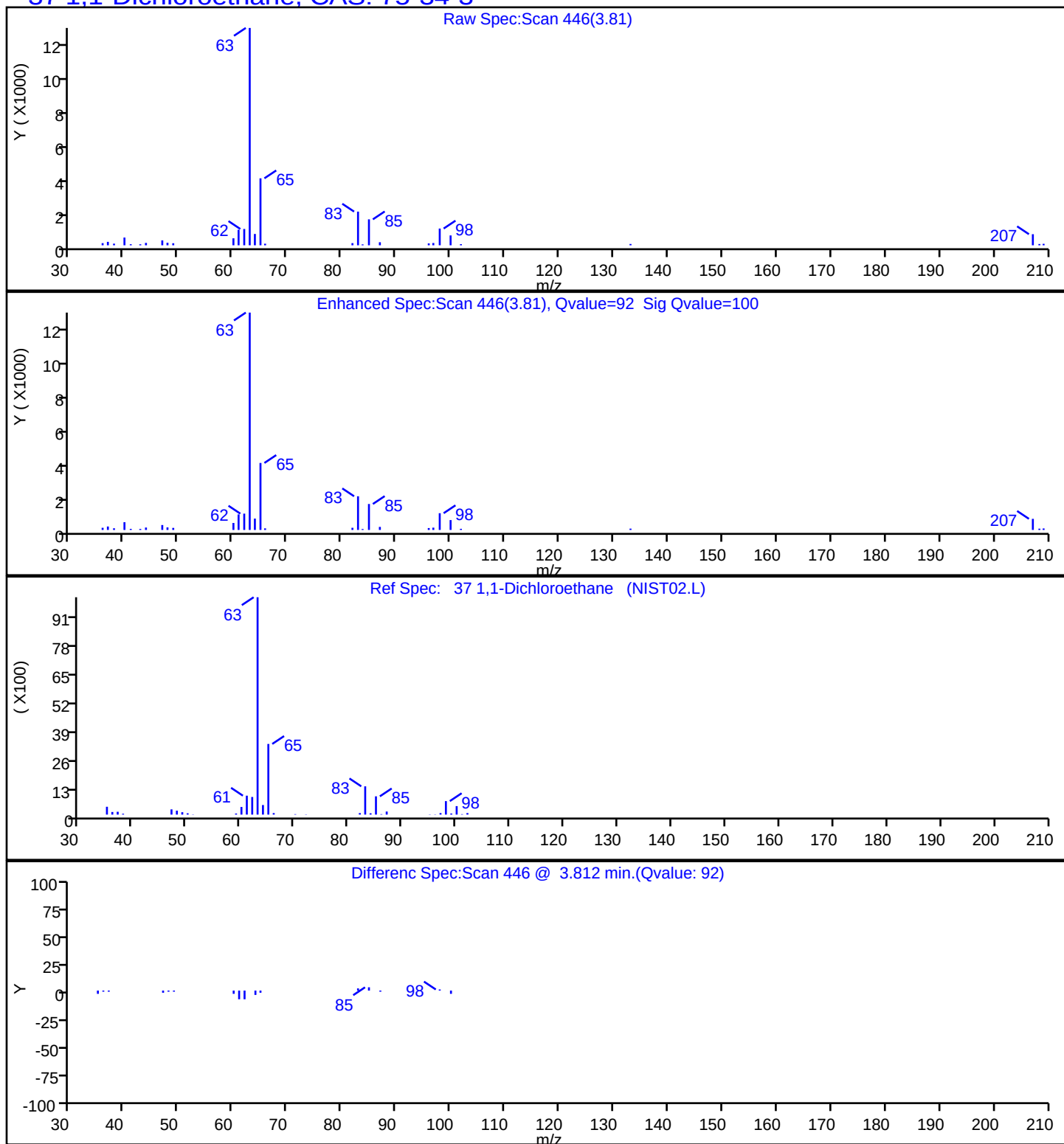
Dil. Factor: 1.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

37 1,1-Dichloroethane, CAS: 75-34-3

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221022-152105.b\T654553.D

Injection Date: 22-Oct-2022 12:10:58

Instrument ID: CVOAMS15

Lims ID: 460-267943-A-1

Lab Sample ID: 460-267943-1

Client ID: MW-104

Operator ID:

ALS Bottle#: 0 Worklist Smp#: 14

Purge Vol: 5.000 mL

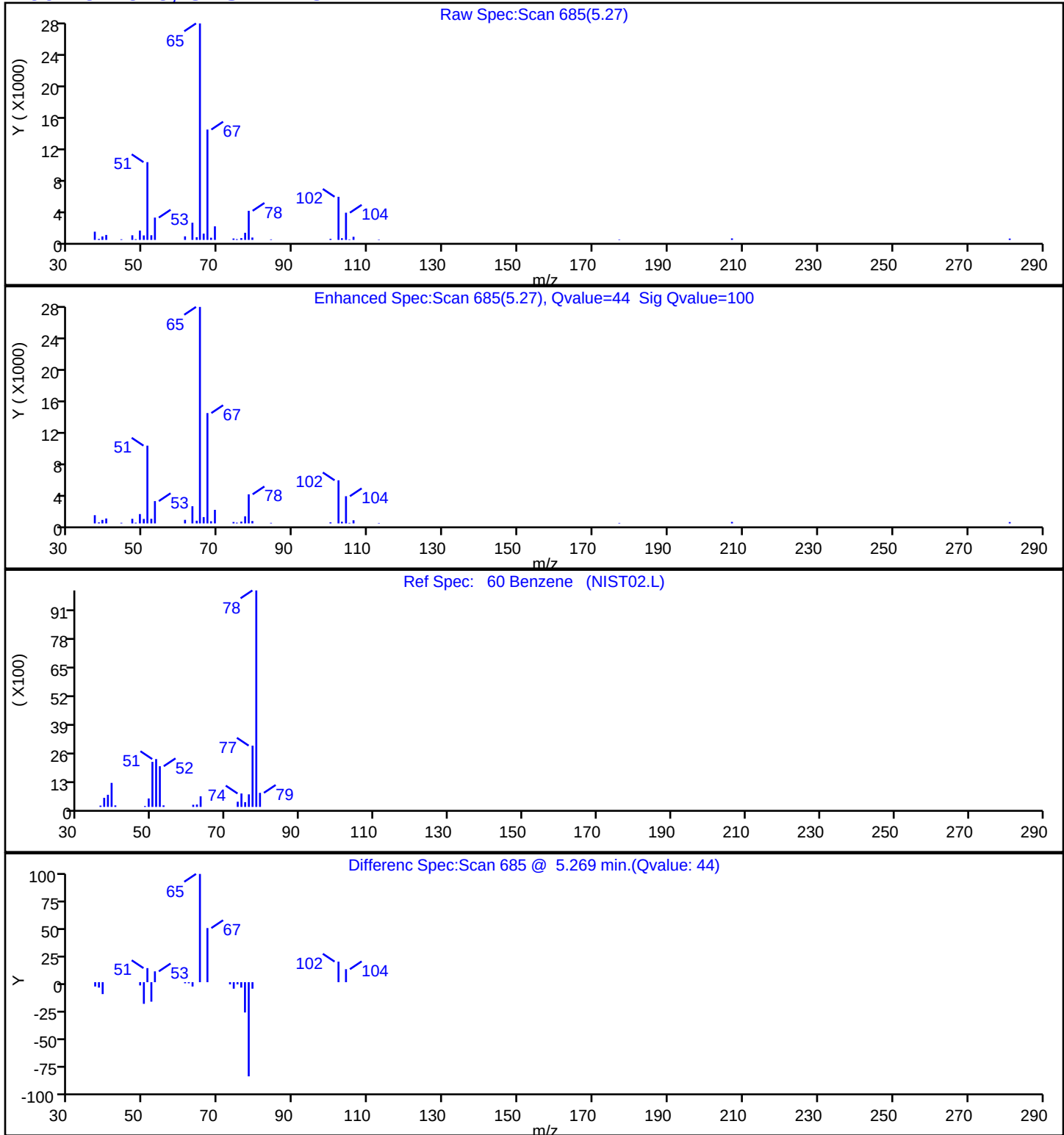
Dil. Factor: 1.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

60 Benzene, CAS: 71-43-2

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221022-152105.b\T654553.D

Injection Date: 22-Oct-2022 12:10:58

Instrument ID: CVOAMS15

Lims ID: 460-267943-A-1

Lab Sample ID: 460-267943-1

Client ID: MW-104

Operator ID:

ALS Bottle#: 0 Worklist Smp#: 14

Purge Vol: 5.000 mL

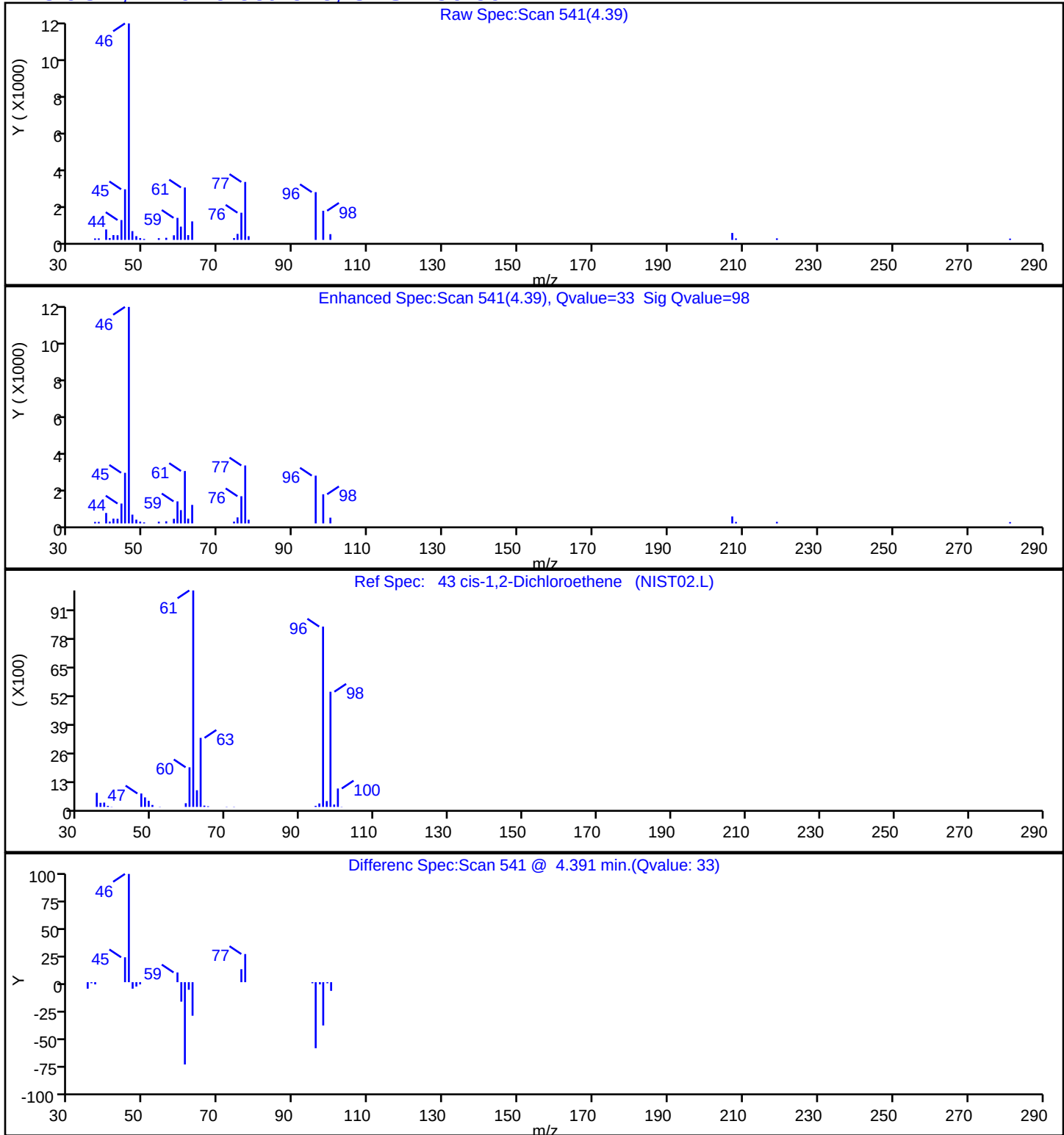
Dil. Factor: 1.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

43 cis-1,2-Dichloroethene, CAS: 156-59-2

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221022-152105.b\T654553.D

Injection Date: 22-Oct-2022 12:10:58

Instrument ID: CVOAMS15

Lims ID: 460-267943-A-1

Lab Sample ID: 460-267943-1

Client ID: MW-104

Operator ID:

ALS Bottle#: 0 Worklist Smp#: 14

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

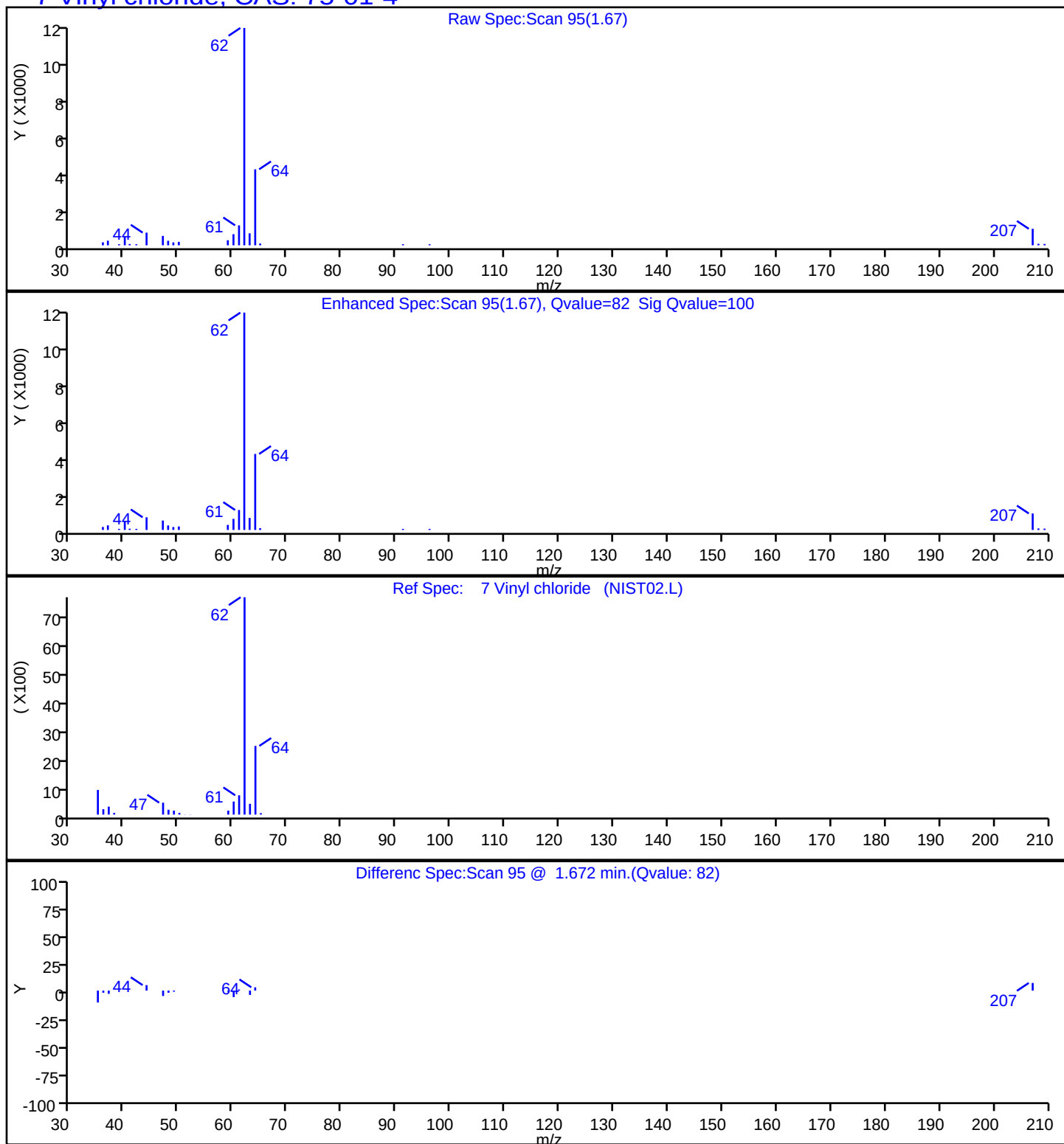
Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

7 Vinyl chloride, CAS: 75-01-4



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-267943-1</u>
SDG No.: _____	
Client Sample ID: <u>DUP</u>	Lab Sample ID: <u>460-267943-2</u>
Matrix: <u>Water</u>	Lab File ID: <u>T654554.D</u>
Analysis Method: <u>8260D</u>	Date Collected: <u>10/20/2022 13:25</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>10/22/2022 12:32</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>DB-624</u> ID: <u>0.18 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>873458</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.20	U	1.0	0.20
75-34-3	1,1-Dichloroethane	4.3		1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	0.36	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	0.34	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
78-93-3	2-Butanone (MEK)	1.9	U	5.0	1.9
591-78-6	2-Hexanone	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	0.62	J	1.0	0.20
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.28	U	1.0	0.28
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	1.3		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
110-82-7	Cyclohexane	0.32	U	1.0	0.32
75-27-4	Dichlorobromomethane	0.34	U	1.0	0.34

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-267943-1</u>
SDG No.: _____	
Client Sample ID: <u>DUP</u>	Lab Sample ID: <u>460-267943-2</u>
Matrix: <u>Water</u>	Lab File ID: <u>T654554.D</u>
Analysis Method: <u>8260D</u>	Date Collected: <u>10/20/2022 13:25</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>10/22/2022 12:32</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>DB-624</u> ID: <u>0.18 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>873458</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.31	U	1.0	0.31
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
106-93-4	Ethylene Dibromide	0.50	U	1.0	0.50
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34
79-20-9	Methyl acetate	0.79	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	0.22	U	1.0	0.22
108-87-2	Methylcyclohexane	0.71	U	1.0	0.71
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	0.30	U	1.0	0.30
95-47-6	o-Xylene	0.36	U	1.0	0.36
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	0.25	U	1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.22	U	1.0	0.22
79-01-6	Trichloroethene	0.31	U	1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	5.6		1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	121		70-128
460-00-4	4-Bromofluorobenzene	109		76-120
1868-53-7	Dibromofluoromethane (Surr)	119		77-124
2037-26-5	Toluene-d8 (Surr)	99		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-267943-1</u>
SDG No.: _____	
Client Sample ID: <u>DUP</u>	Lab Sample ID: <u>460-267943-2</u>
Matrix: <u>Water</u>	Lab File ID: <u>T654554.D</u>
Analysis Method: <u>8260D</u>	Date Collected: <u>10/20/2022 13:25</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>10/22/2022 12:32</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>DB-624</u> ID: <u>0.18 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>873458</u>	Units: <u>ug/L</u>
Number TICs Found: <u>0</u>	TIC Result Total: <u>0</u>

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221022-152105.b\T654554.D
 Lims ID: 460-267943-A-2
 Client ID: DUP
 Sample Type: Client
 Inject. Date: 22-Oct-2022 12:32:17 ALS Bottle#: 0 Worklist Smp#: 15
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-267943-A-2
 Misc. Info.: 460-0152105-015
 Operator ID: Instrument ID: CVOAMS15
 Method: \\chromfs\Edison\ChromData\CVOAMS15\20221022-152105.b\8260W_15.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 22-Oct-2022 13:03:23 Calib Date: 14-Sep-2022 21:22:51
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652587.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1646

First Level Reviewer: FK2C

Date: 22-Oct-2022 13:03:23

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
7 Vinyl chloride	62	1.672	1.672	0.000	82	13238	5.61	
* 31 TBA-d9 (IS)	66	3.160	3.160	0.000	94	32985	1000.0	
37 1,1-Dichloroethane	63	3.812	3.812	0.000	93	24684	4.27	
* 42 2-Butanone-d5	46	4.355	4.361	-0.006	54	227373	250.0	
43 cis-1,2-Dichloroethene	96	4.391	4.391	0.000	31	4737	1.29	
\$ 53 Dibromofluoromethane (Surr)	113	4.885	4.891	-0.006	94	190661	59.3	
60 Benzene	78	5.269	5.269	0.000	42	8153	0.6193	
\$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.294	5.294	0.000	90	199064	60.6	
* 65 Fluorobenzene	96	5.604	5.605	-0.001	99	587637	50.0	
* 73 1,4-Dioxane-d8	96	6.428	6.428	0.000	1	32747	1000.0	
\$ 83 Toluene-d8 (Surr)	98	7.580	7.580	0.000	99	575244	49.4	
* 94 Chlorobenzene-d5	117	9.732	9.732	0.000	84	475106	50.0	
\$ 105 4-Bromofluorobenzene	174	11.609	11.616	-0.007	87	187161	54.7	
* 120 1,4-Dichlorobenzene-d4	152	12.999	13.000	-0.001	95	240139	50.0	

QC Flag Legend

Processing Flags

Reagents:

VOA6IS/SURR_00061

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221022-152105.b\T654554.D

Injection Date: 22-Oct-2022 12:32:17

Instrument ID: CVOAMS15

Lims ID: 460-267943-A-2

Lab Sample ID: 460-267943-2

Client ID: DUP

Operator ID:

ALS Bottle#: 0

Worklist Smp#: 15

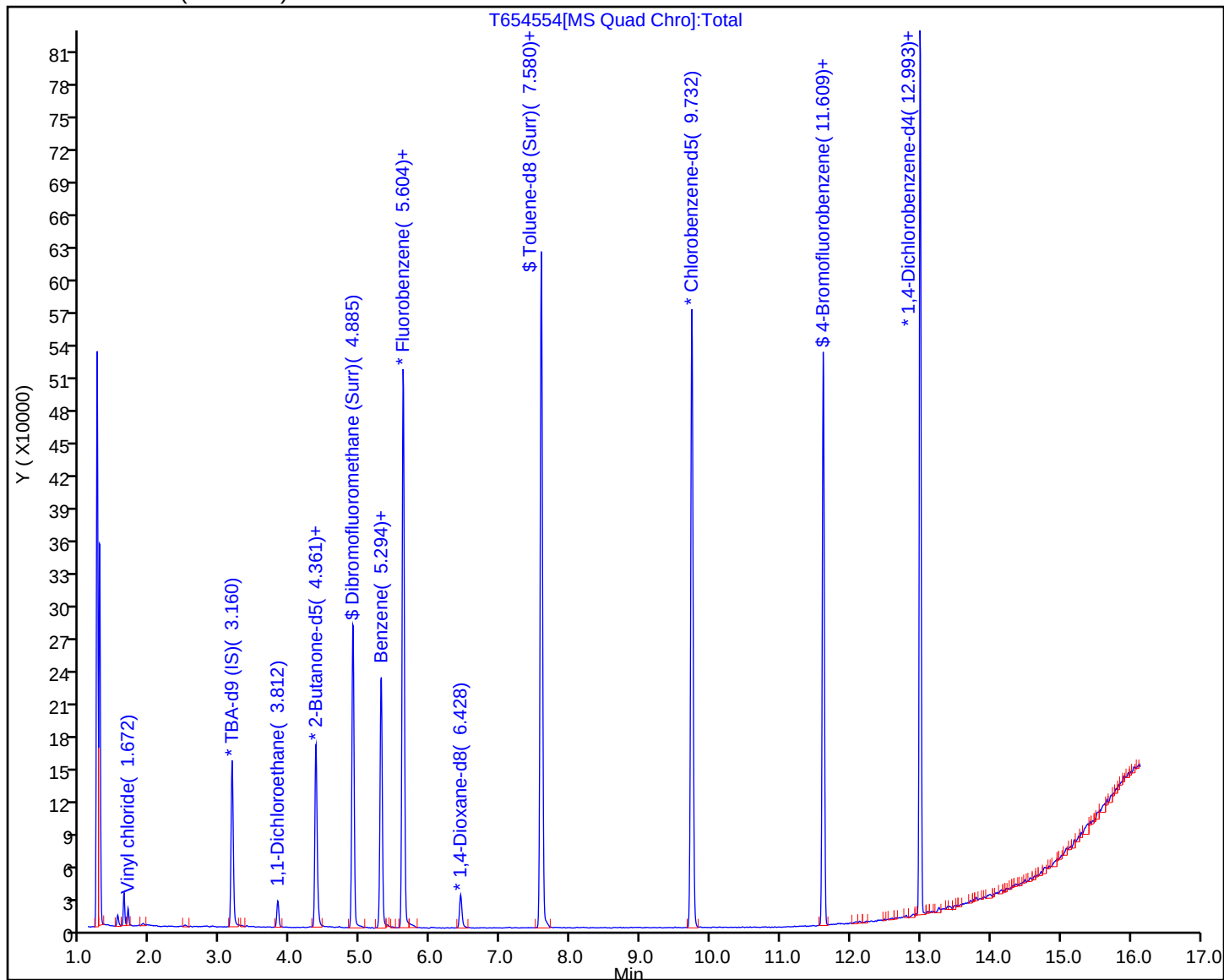
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221022-152105.b\T654554.D
Lims ID: 460-267943-A-2
Client ID: DUP
Sample Type: Client
Inject. Date: 22-Oct-2022 12:32:17 ALS Bottle#: 0 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-267943-A-2
Misc. Info.: 460-0152105-015
Operator ID: Instrument ID: CVOAMS15
Method: \\chromfs\Edison\ChromData\CVOAMS15\20221022-152105.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-Oct-2022 13:03:23 Calib Date: 14-Sep-2022 21:22:51
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652587.D
Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1646

First Level Reviewer: FK2C

Date: 22-Oct-2022 13:03:23

Compound	Amount Added	Amount Recovered	% Rec.
\$ 53 Dibromofluoromethane (Surr)	50.0	59.3	118.56
\$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	60.6	121.20
\$ 83 Toluene-d8 (Surr)	50.0	49.4	98.81
\$ 105 4-Bromofluorobenzene	50.0	54.7	109.33

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221022-152105.b\T654554.D

Injection Date: 22-Oct-2022 12:32:17

Instrument ID: CVOAMS15

Lims ID: 460-267943-A-2

Lab Sample ID: 460-267943-2

Client ID: DUP

Operator ID:

ALS Bottle#: 0 Worklist Smp#: 15

Purge Vol: 5.000 mL

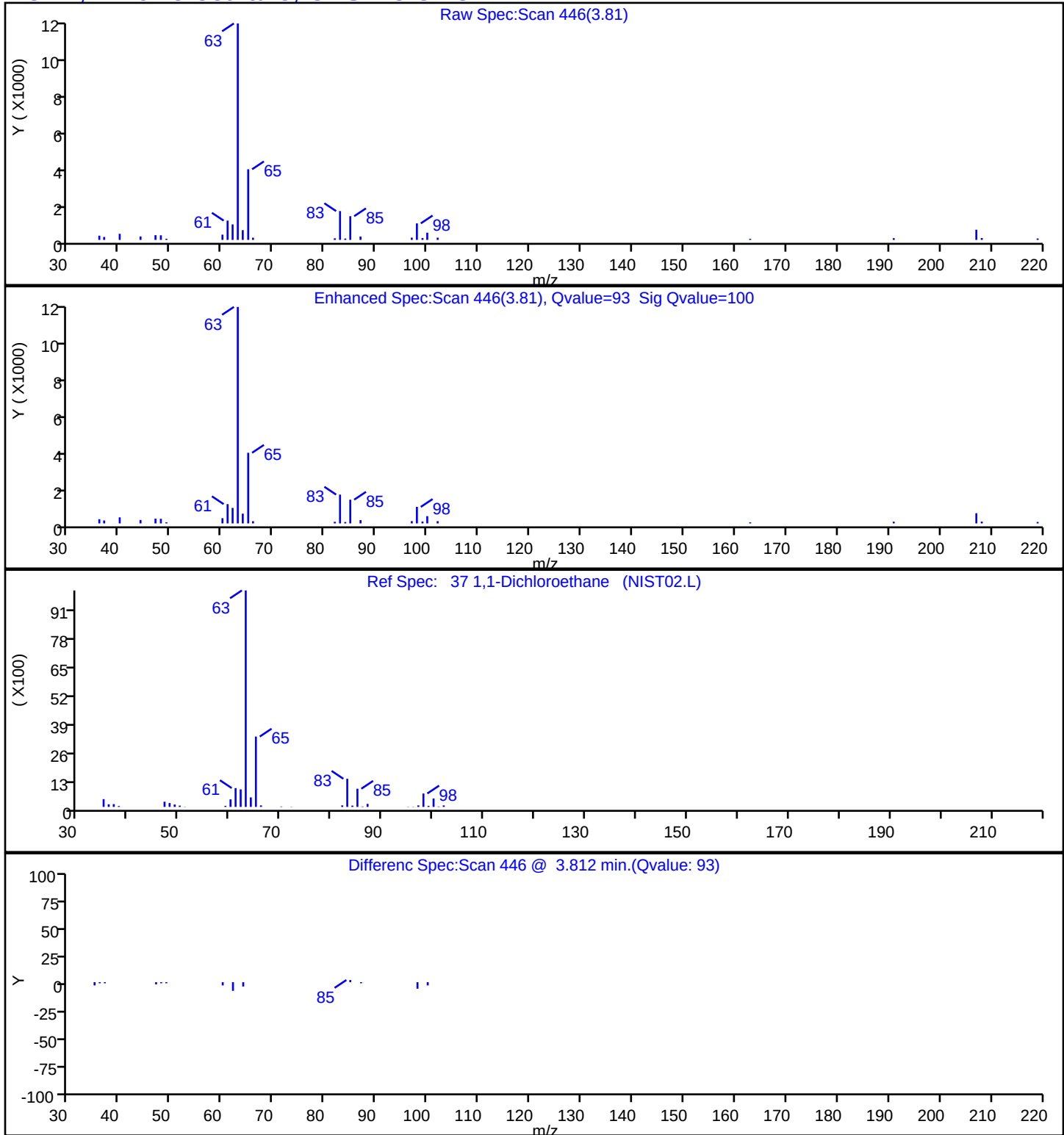
Dil. Factor: 1.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

37 1,1-Dichloroethane, CAS: 75-34-3

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221022-152105.b\T654554.D

Injection Date: 22-Oct-2022 12:32:17

Instrument ID: CVOAMS15

Lims ID: 460-267943-A-2

Lab Sample ID: 460-267943-2

Client ID: DUP

Operator ID:

ALS Bottle#: 0 Worklist Smp#: 15

Purge Vol: 5.000 mL

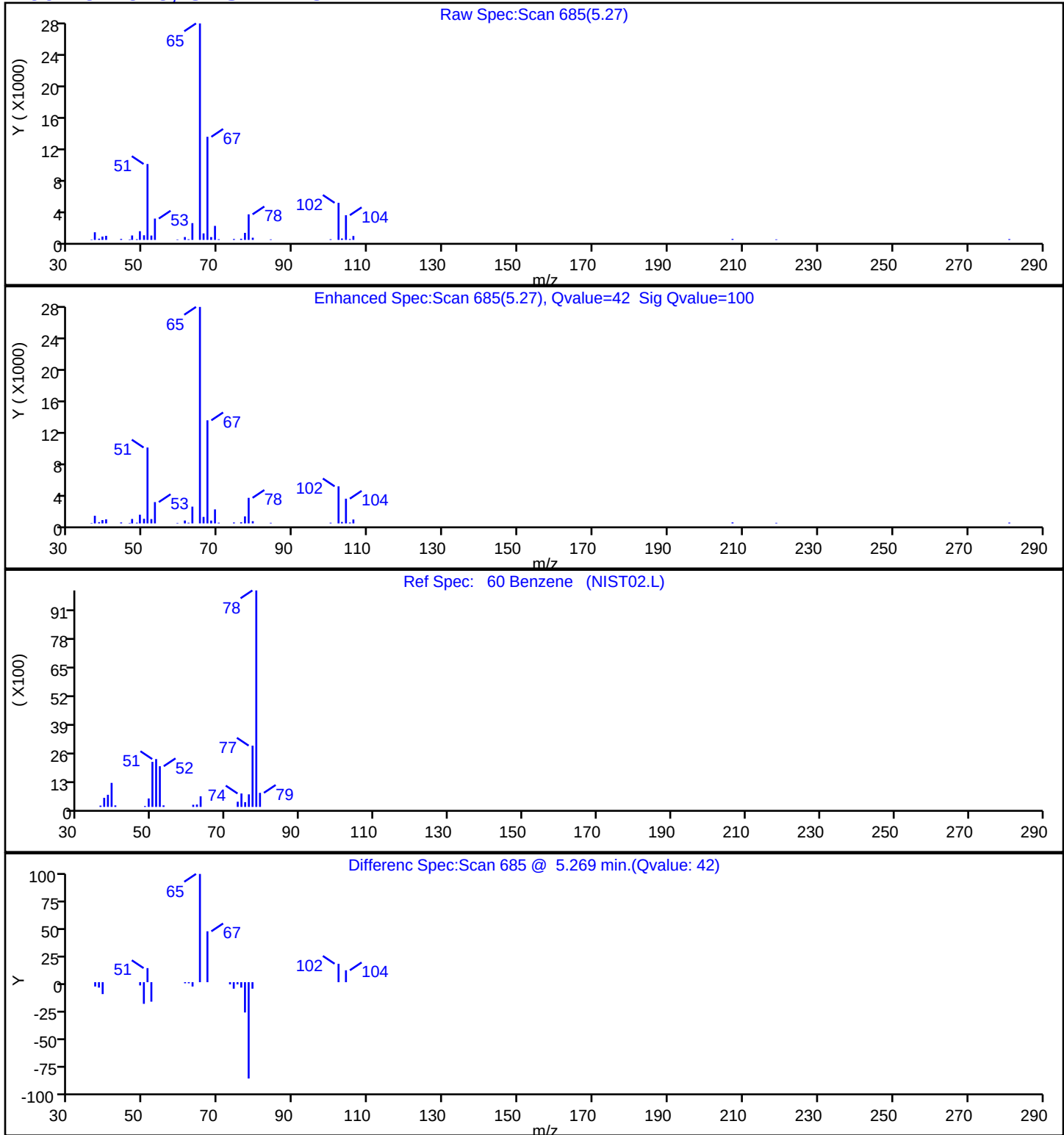
Dil. Factor: 1.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

60 Benzene, CAS: 71-43-2

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221022-152105.b\T654554.D

Injection Date: 22-Oct-2022 12:32:17

Instrument ID: CVOAMS15

Lims ID: 460-267943-A-2

Lab Sample ID: 460-267943-2

Client ID: DUP

Operator ID:

ALS Bottle#:

0

Worklist Smp#:

15

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_15

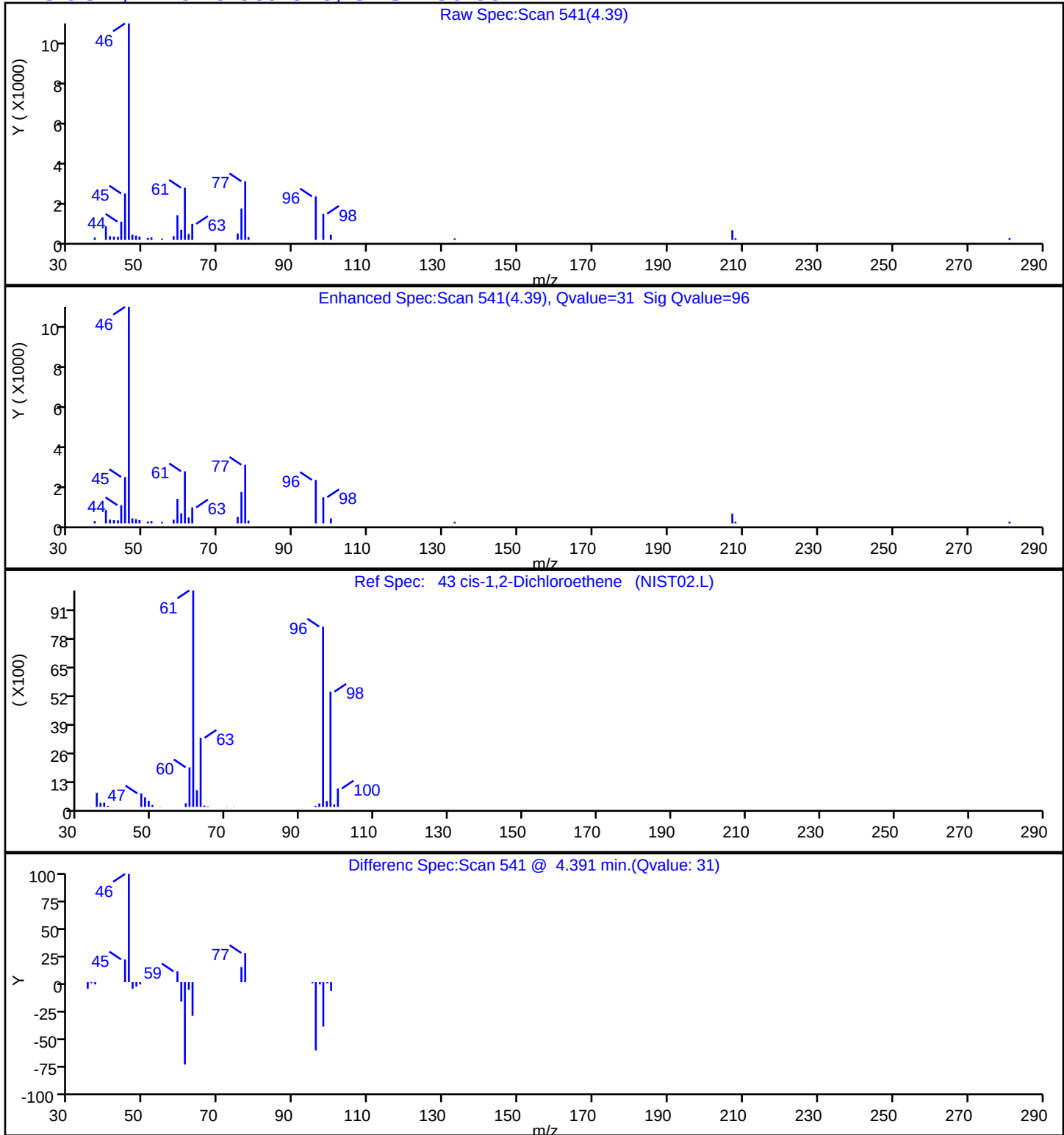
Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

43 cis-1,2-Dichloroethene, CAS: 156-59-2

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221022-152105.b\T654554.D

Injection Date: 22-Oct-2022 12:32:17

Instrument ID: CVOAMS15

Lims ID: 460-267943-A-2

Lab Sample ID: 460-267943-2

Client ID: DUP

Operator ID:

ALS Bottle#: 0 Worklist Smp#: 15

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

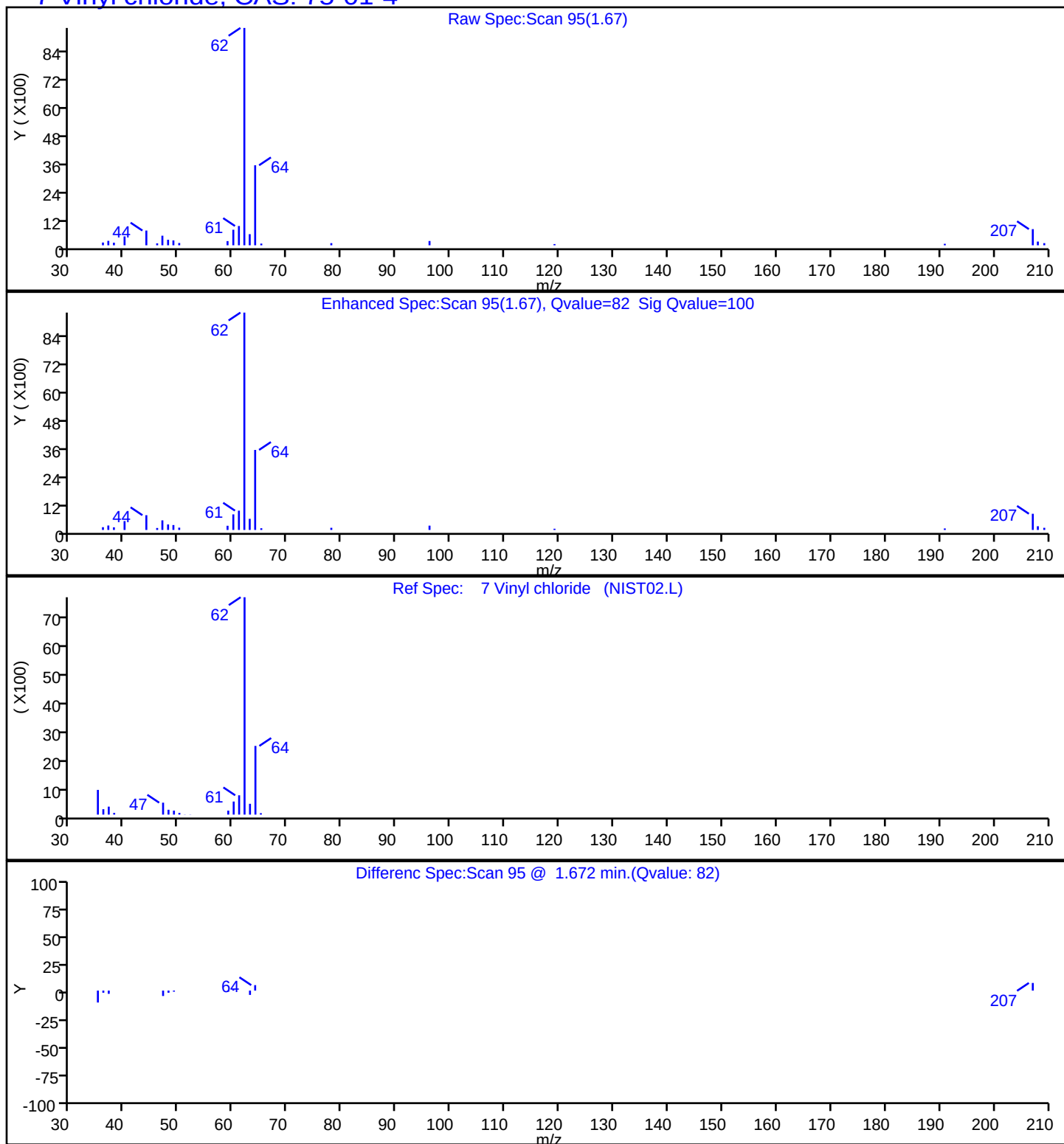
Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

7 Vinyl chloride, CAS: 75-01-4



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221022-152105.b\T654554.D

Injection Date: 22-Oct-2022 12:32:17

Instrument ID: CVOAMS15

Lims ID: 460-267943-A-2

Lab Sample ID: 460-267943-2

Client ID: DUP

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 15

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

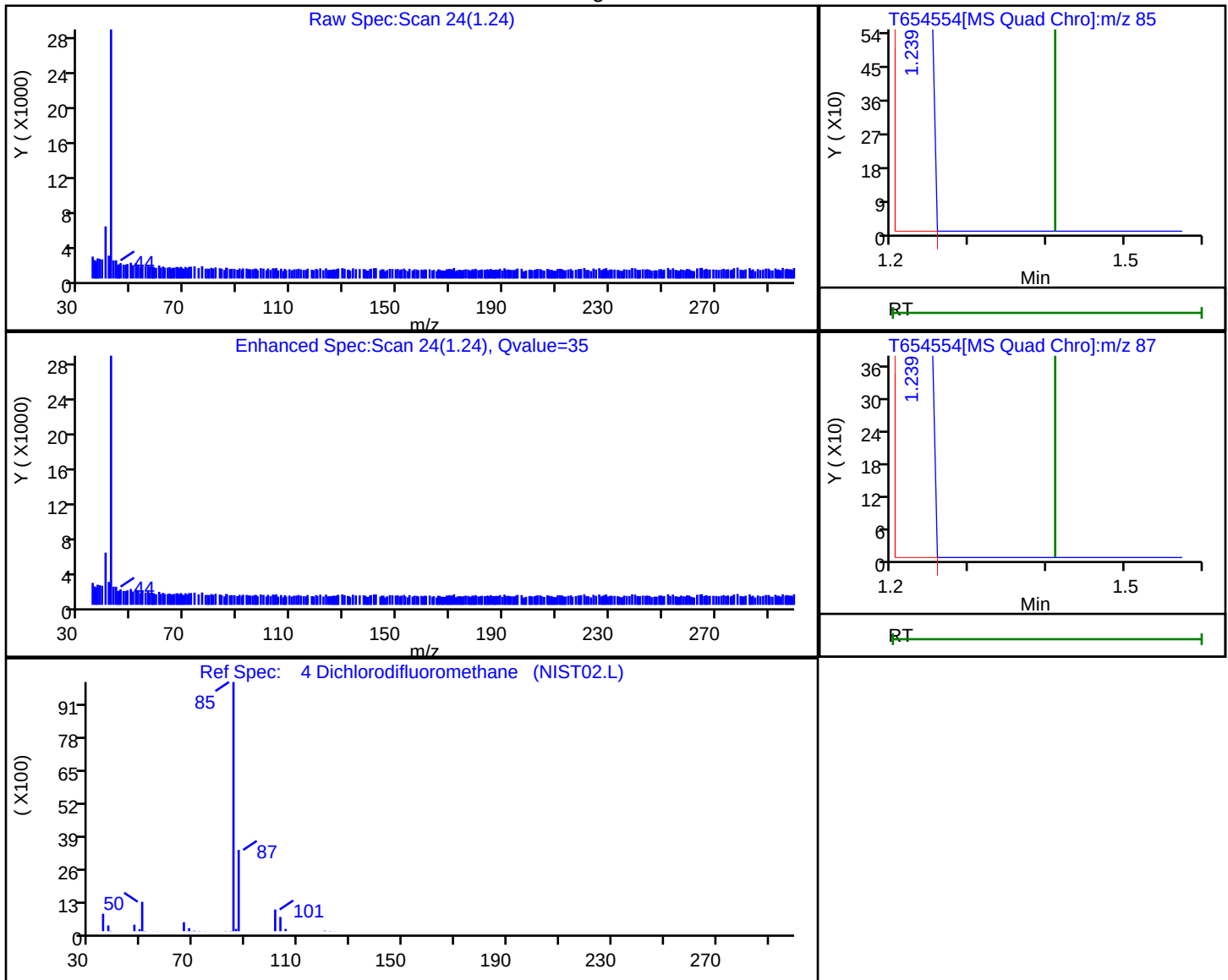
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

4 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
1.24	85.00	3581	1.040208
1.24	87.00	3307	

Reviewer: FK2C, 22-Oct-2022 13:03:06

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-267943-1</u>
SDG No.: _____	
Client Sample ID: <u>Trip Blank</u>	Lab Sample ID: <u>460-267943-3</u>
Matrix: <u>Water</u>	Lab File ID: <u>T654550.D</u>
Analysis Method: <u>8260D</u>	Date Collected: <u>10/20/2022 13:25</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>10/22/2022 11:07</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>DB-624</u> ID: <u>0.18 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>873458</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.20	U	1.0	0.20
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	0.36	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	0.34	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
78-93-3	2-Butanone (MEK)	1.9	U	5.0	1.9
591-78-6	2-Hexanone	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	0.20	U	1.0	0.20
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.28	U	1.0	0.28
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
110-82-7	Cyclohexane	0.32	U	1.0	0.32
75-27-4	Dichlorobromomethane	0.34	U	1.0	0.34

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-267943-1</u>
SDG No.: _____	
Client Sample ID: <u>Trip Blank</u>	Lab Sample ID: <u>460-267943-3</u>
Matrix: <u>Water</u>	Lab File ID: <u>T654550.D</u>
Analysis Method: <u>8260D</u>	Date Collected: <u>10/20/2022 13:25</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>10/22/2022 11:07</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>DB-624</u> ID: <u>0.18 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>873458</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.31	U	1.0	0.31
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
106-93-4	Ethylene Dibromide	0.50	U	1.0	0.50
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34
79-20-9	Methyl acetate	0.79	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	0.22	U	1.0	0.22
108-87-2	Methylcyclohexane	0.71	U	1.0	0.71
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	0.30	U	1.0	0.30
95-47-6	o-Xylene	0.36	U	1.0	0.36
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	0.25	U	1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.22	U	1.0	0.22
79-01-6	Trichloroethene	0.31	U	1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.17	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	113		70-128
460-00-4	4-Bromofluorobenzene	108		76-120
1868-53-7	Dibromofluoromethane (Surr)	111		77-124
2037-26-5	Toluene-d8 (Surr)	102		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-267943-1</u>
SDG No.: _____	
Client Sample ID: <u>Trip Blank</u>	Lab Sample ID: <u>460-267943-3</u>
Matrix: <u>Water</u>	Lab File ID: <u>T654550.D</u>
Analysis Method: <u>8260D</u>	Date Collected: <u>10/20/2022 13:25</u>
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>10/22/2022 11:07</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>DB-624</u> ID: <u>0.18 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>873458</u>	Units: <u>ug/L</u>
Number TICs Found: <u>0</u>	TIC Result Total: <u>0</u>

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221022-152105.b\T654550.D
 Lims ID: 460-267943-A-3
 Client ID: Trip Blank
 Sample Type: Client
 Inject. Date: 22-Oct-2022 11:07:03 ALS Bottle#: 0 Worklist Smp#: 11
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 460-267943-A-3
 Misc. Info.: 460-0152105-011
 Operator ID: Instrument ID: CVOAMS15
 Method: \\chromfs\Edison\ChromData\CVOAMS15\20221022-152105.b\8260W_15.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 22-Oct-2022 11:54:01 Calib Date: 14-Sep-2022 21:22:51
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652587.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1646

First Level Reviewer: FK2C

Date: 22-Oct-2022 11:52:15

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	66	3.160	3.160	0.000	95	41058	1000.0	
* 42 2-Butanone-d5	46	4.361	4.361	0.000	45	247462	250.0	
\$ 53 Dibromofluoromethane (Surr)	113	4.891	4.891	0.000	95	190630	55.5	
\$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.293	5.294	-0.001	90	198970	56.7	
* 65 Fluorobenzene	96	5.604	5.605	-0.001	99	627821	50.0	
* 73 1,4-Dioxane-d8	96	6.427	6.428	-0.001	1	31922	1000.0	
\$ 83 Toluene-d8 (Surr)	98	7.580	7.580	0.000	100	592898	50.8	
* 94 Chlorobenzene-d5	117	9.732	9.732	0.000	83	476217	50.0	
\$ 105 4-Bromofluorobenzene	174	11.609	11.616	-0.007	87	184492	53.8	
* 120 1,4-Dichlorobenzene-d4	152	12.999	13.000	-0.001	96	242085	50.0	

QC Flag Legend

Processing Flags

Reagents:

VOA6IS/SURR_00061

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221022-152105.b\T654550.D

Injection Date: 22-Oct-2022 11:07:03

Instrument ID: CVOAMS15

Lims ID: 460-267943-A-3

Lab Sample ID: 460-267943-3

Client ID: Trip Blank

Operator ID:

ALS Bottle#:

0

Worklist Smp#:

11

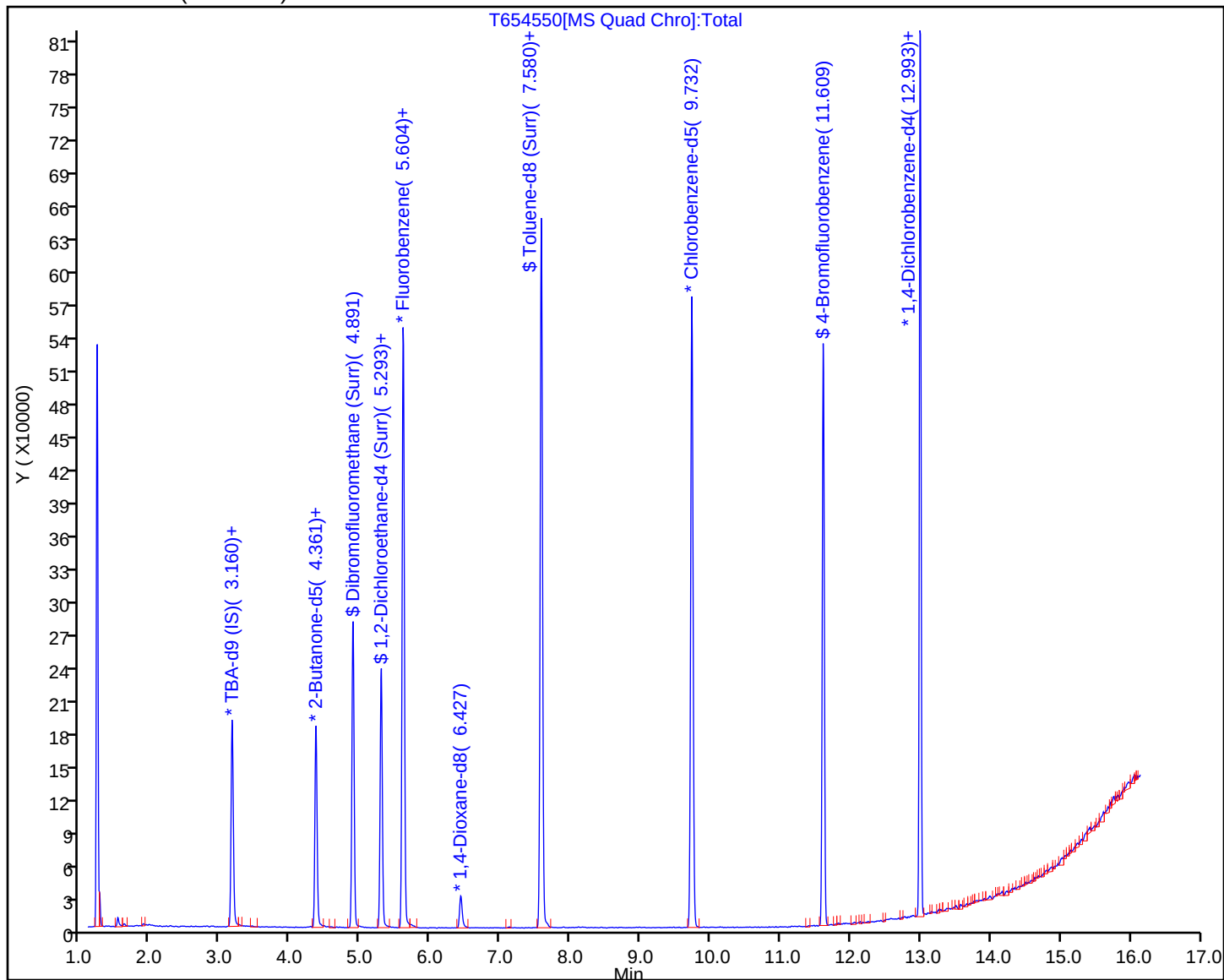
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221022-152105.b\T654550.D
Lims ID: 460-267943-A-3
Client ID: Trip Blank
Sample Type: Client
Inject. Date: 22-Oct-2022 11:07:03 ALS Bottle#: 0 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-267943-A-3
Misc. Info.: 460-0152105-011
Operator ID: Instrument ID: CVOAMS15
Method: \\chromfs\Edison\ChromData\CVOAMS15\20221022-152105.b\8260W_15.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 22-Oct-2022 11:54:01 Calib Date: 14-Sep-2022 21:22:51
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652587.D
Column 1 : DB-624 (0.18 mm) Det: MS Quad
Process Host: CTX1646

First Level Reviewer: FK2C

Date: 22-Oct-2022 11:52:15

Compound	Amount Added	Amount Recovered	% Rec.
\$ 53 Dibromofluoromethane (Surr)	50.0	55.5	110.96
\$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	56.7	113.39
\$ 83 Toluene-d8 (Surr)	50.0	50.8	101.60
\$ 105 4-Bromofluorobenzene	50.0	53.8	107.52

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221022-152105.b\T654550.D

Injection Date: 22-Oct-2022 11:07:03

Instrument ID: CVOAMS15

Lims ID: 460-267943-A-3

Lab Sample ID: 460-267943-3

Client ID: Trip Blank

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 11

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

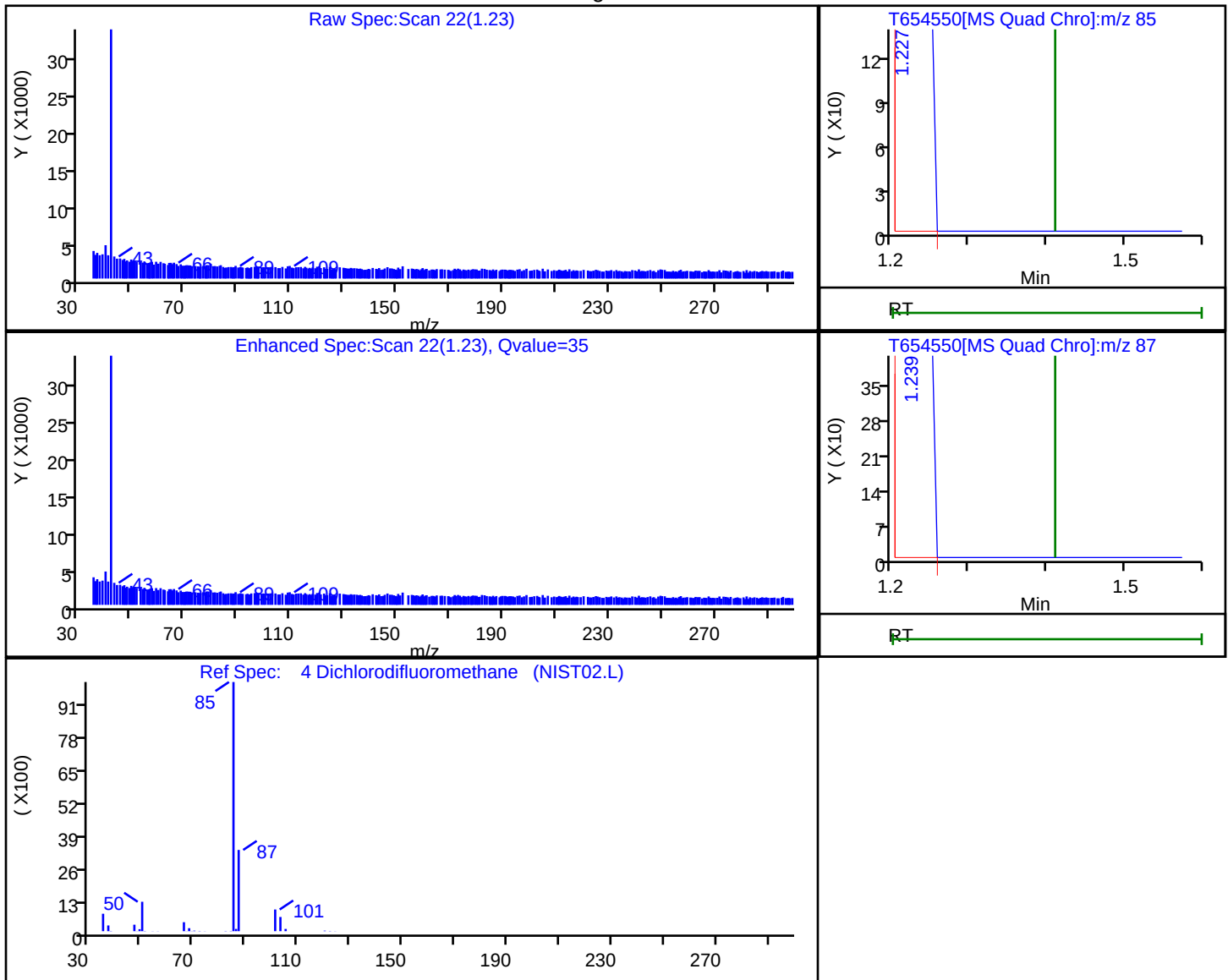
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

4 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
1.23	85.00	3650	0.992389
1.24	87.00	3367	

Reviewer: FK2C, 22-Oct-2022 11:52:06

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.: 460-267943-1 Analy Batch No.: 866282

SDG No.: _____

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/14/2022 18:47 Calibration End Date: 09/14/2022 21:22 Calibration ID: 91371

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-866282/3	T652580.D
Level 2	STD05 460-866282/4	T652581.D
Level 3	STD1 460-866282/5	T652582.D
Level 4	STD5 460-866282/6	T652583.D
Level 5	STD20 460-866282/7	T652584.D
Level 6	STD50 460-866282/8	T652585.D
Level 7	STD200 460-866282/9	T652586.D
Level 8	STD500 460-866282/10	T652587.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Chlorotrifluoroethene	++++ 0.0678	0.0544 0.0430	0.0411 0.0453	0.0652	0.0715	QuaF		0.045 7	-0.000001						0.9960		0.9900
Dichlorodifluoromethane	++++ 0.2670	0.2540 0.3318	0.3023 0.3139	0.2914	0.2901	Ave		0.292 9			0.1000	9.1		20.0			
Chlorodifluoromethane	++++ 0.0392	0.0397 0.0362	0.0388 0.0358	0.0460	0.0440	Ave		0.040 0				9.5		20.0			
Chloromethane	++++ 0.1717	0.2033 0.2086	0.1911 0.2613	0.2030	0.1893	Ave		0.204 0			0.1000	13.8		20.0			
Vinyl chloride	++++ 0.1728	0.2171 0.1983	0.1821 0.2277	0.2114	0.1962	Ave		0.200 8			0.1000	9.7		20.0			
Butadiene	0.1694 0.1628	0.2365 0.1902	0.2292 0.2133	0.2080	0.1939	Ave		0.200 4				13.2		20.0			
Bromomethane	++++ 0.6355	0.9756 1.0880	0.8702 ++++	0.5931	0.4951	Qua	0.217 5	0.468 6	0.0030919		0.1000				1.0000		0.9900
Chloroethane	++++ 1.3780	2.2231 1.5000	1.7330 1.4095	1.7901	1.4802	Ave		1.644 8			0.1000	18.2		20.0			
Dichlorofluoromethane	++++ 0.4195	0.5091 0.4407	0.4905 0.4180	0.5131	0.4489	Ave		0.462 8				8.8		20.0			
Trichlorofluoromethane	++++ 0.3735	0.4296 0.4005	0.4040 0.3799	0.4313	0.3926	Ave		0.401 6			0.1000	5.6		20.0			
Pentane	++++ 0.0408	0.0204 0.0413	0.0303 0.0407	0.0460	0.0424	Lin2	-0.02 2	0.042 6							0.9950		0.9900
Ethanol	++++ 0.2762	0.2268 0.2609	0.2402 0.2828	0.3018	0.2931	Ave		0.268 8				10.3		20.0			
Ethyl ether	++++ 0.1721	0.2242 0.1782	0.2093 0.1678	0.1928	0.1838	Ave		0.189 8				10.8		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-267943-1 Analy Batch No.: 866282

SDG No.: _____

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/14/2022 18:47 Calibration End Date: 09/14/2022 21:22 Calibration ID: 91371

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
2-Methyl-1,3-butadiene	++++ 0.1999	0.2112 0.2035	0.1782 0.1949	0.2413	0.2132	Ave		0.206 0				9.4		20.0			
1,2-Dichloro-1,1,2-trifluoroethane	++++ 0.2127	0.2419 0.2070	0.2153 0.1970	0.2251	0.2235	Ave		0.217 5				6.6		20.0			
1,1,1-Trifluoro-2,2-dichloroethane	++++ 0.3588	0.4662 0.3692	0.3739 0.3494	0.4226	0.3892	Ave		0.389 9				10.6		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	++++ 0.2583	0.2401 0.2611	0.1875 0.2526	0.2992	0.2769	Ave		0.253 7		0.1000		13.7		20.0			
Acrolein	++++ 10.627	14.246 10.180	11.087 11.035	10.945	9.7859	Ave		11.12 9				13.1		20.0			
1,1-Dichloroethene	++++ 0.2270	0.2450 0.2285	0.2181 0.2175	0.2696	0.2439	Ave		0.235 7		0.1000		7.9		20.0			
Acetone	++++ 0.5175	1.0340 0.6280	0.7922 0.5990	0.6605	0.5649	QuaF		0.628 4	-0.000012	0.0500				1.0000		0.9900	
Iodomethane	++++ 0.2382	0.0974 0.2628	0.1179 0.2015	0.1891	0.2363	QuaF		0.294 5	-0.000185					0.9990		0.9900	
Carbon disulfide	++++ 0.7440	0.8843 0.7323	0.8087 0.6909	0.8962	0.7892	Ave		0.792 2		0.1000		9.7		20.0			
Isopropyl alcohol	++++ 3.2709	3.9373 3.1445	3.9946 3.2248	3.8880	3.5699	Ave		3.575 7				10.2		20.0			
3-Chloro-1-propene	++++ 0.1492	0.1426 0.1219	0.1682 0.1089	0.1700	0.1666	Ave		0.146 8				16.4		20.0			
Cyclopentene	++++ 0.5555	0.6747 0.5638	0.5373 0.5265	0.6506	0.5885	Ave		0.585 3				9.7		20.0			
Methyl acetate	++++ 0.1388	0.1891 0.1382	0.1423 0.1298	0.1594	0.1539	Ave		0.150 2		0.1000		13.2		20.0			
Acetonitrile	++++ 0.2386	0.4686 0.2365	0.2693 0.2313	0.2277	0.2631	QuaF		0.240 4	-0.000002					1.0000		0.9900	
Methylene Chloride	++++ 0.2529	0.3937 0.2629	0.2845 0.2591	0.3214	0.2771	Ave		0.293 1		0.1000		17.0		20.0			
2-Methyl-2-propanol	++++ 5.6851	6.2388 5.7195	6.2100 5.6552	6.5332	5.8754	Ave		5.988 2				5.7		20.0			
Methyl tert-butyl ether	++++ 0.6195	0.6446 0.6517	0.5776 0.6307	0.6700	0.6590	Ave		0.636 2		0.1000		4.9		20.0			
trans-1,2-Dichloroethene	++++ 0.2620	0.3548 0.2662	0.2730 0.2505	0.2974	0.2697	Ave		0.282 0		0.1000		12.5		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-267943-1 Analy Batch No.: 866282

SDG No.: _____

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/14/2022 18:47 Calibration End Date: 09/14/2022 21:22 Calibration ID: 91371

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Acrylonitrile	0.0764 0.0740	0.0849 0.0747	0.0779 0.0695	0.0867	0.0820	Ave		0.078 3				7.5		20.0			
Hexane	++++ 0.3092	0.2799 0.2933	0.2105 0.2787	0.3311	0.3200	Ave		0.288 9				13.8		20.0			
Isopropyl ether	++++ 0.6816	0.6869 0.7030	0.6279 0.6668	0.7269	0.7045	Ave		0.685 4				4.6		20.0			
1,1-Dichloroethane	++++ 0.4533	0.6222 0.4569	0.4694 0.4139	0.5351	0.4913	Ave		0.491 7		0.2000		13.9		20.0			
Vinyl acetate	++++ 0.5258	0.5792 0.5744	0.5282 0.5823	0.5817	0.5346	Ave		0.558 0				4.8		20.0			
2-Chloro-1,3-butadiene	++++ 0.2353	0.2531 0.2397	0.2147 0.2337	0.2592	0.2443	Ave		0.240 0				6.0		20.0			
Text-butyl ethyl ether	++++ 0.6818	0.6482 0.7026	0.5759 0.6771	0.7009	0.7021	Ave		0.669 8				6.8		20.0			
2,2-Dichloropropane	++++ 0.0936	0.1380 0.0975	0.1218 0.0922	0.1161	0.0983	Ave		0.108 2				16.1		20.0			
cis-1,2-Dichloroethene	++++ 0.2900	0.3419 0.2977	0.3347 0.2809	0.3422	0.2982	Ave		0.312 2		0.1000		8.4		20.0			
2-Butanone (MEK)	++++ 0.2524	0.3024 0.2860	0.2498 0.2759	0.2870	0.2651	Ave		0.274 1		0.0500		7.1		20.0			
Ethyl acetate	++++ 0.2539	0.2573 0.2813	0.2341 0.2785	0.2669	0.2541	Ave		0.260 9				6.2		20.0			
Methyl acrylate	++++ 0.1869	0.1633 0.1919	0.1872 0.1885	0.1975	0.1897	Ave		0.186 4				5.8		20.0			
Propionitrile	++++ 8.3786	10.755 8.0020	9.4772 8.3963	9.6886	8.7068	Ave		9.057 8				10.7		20.0			
Chlorobromomethane	++++ 0.1225	0.1517 0.1204	0.1361 0.1243	0.1632	0.1347	Ave		0.136 1				11.8		20.0			
Tetrahydrofuran	++++ 0.2739	0.3395 0.2869	0.2114 0.2848	0.3119	0.2769	Ave		0.283 6				13.9		20.0			
Methacrylonitrile	++++ 0.0909	0.1003 0.0915	0.0934 0.0810	0.1046	0.0986	Ave		0.094 3				8.2		20.0			
Chloroform	++++ 0.4643	0.5793 0.4646	0.4670 0.4152	0.5556	0.4943	Ave		0.491 5		0.2000		11.7		20.0			
Cyclohexane	++++ 0.3511	0.3298 0.3536	0.3005 0.3356	0.3831	0.3606	Ave		0.344 9		0.1000		7.6		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-267943-1 Analy Batch No.: 866282

SDG No.: _____

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/14/2022 18:47 Calibration End Date: 09/14/2022 21:22 Calibration ID: 91371

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
1,1,1-Trichloroethane	++++ 0.4084	0.5148 0.4176	0.4193 0.3930	0.4880	0.4289	Ave		0.438 6			0.1000	10.3		20.0			
Carbon tetrachloride	++++ 0.3700	0.4243 0.3891	0.3936 0.3732	0.4380	0.3845	Ave		0.396 1			0.1000	6.5		20.0			
1,1-Dichloropropene	++++ 0.3586	0.3909 0.3645	0.3400 0.3422	0.4192	0.3630	Ave		0.368 3				7.6		20.0			
Isobutyl alcohol	++++ 3.4466	3.8427 3.4170	3.5139 3.4885	3.7421	3.3271	Ave		3.539 7				5.2		20.0			
Isooctane	++++ 0.5831	0.4991 0.5895	0.4803 0.5640	0.5800	0.5765	Ave		0.553 2				8.0		20.0			
Benzene	++++ 1.3548	1.4419 1.3495	1.3200 1.3231	1.4661	1.4437	Ave		1.385 6			0.5000	4.5		20.0			
tert-amyl methyl ether	++++ 0.6462	0.6773 0.6825	0.5428 0.6658	0.6513	0.6633	Ave		0.647 0				7.4		20.0			
Isopropyl acetate	++++ 0.1176	0.1262 0.1181	0.1173 0.1101	0.1282	0.1173	Ave		0.119 3				5.1		20.0			
1,2-Dichloroethane	++++ 0.3106	0.4269 0.3077	0.3303 0.2761	0.3671	0.3185	Ave		0.333 9			0.1000	14.8		20.0			
n-Heptane	++++ 0.2300	0.1613 0.2199	0.1727 0.2081	0.2654	0.2384	Ave		0.213 7				17.1		20.0			
n-Butanol	++++ 1.5677	1.1252 1.5755	1.6375 1.6430	1.7338	1.5672	Ave		1.550 0				12.7		20.0			
Trichloroethene	++++ 0.2779	0.3150 0.2845	0.3167 0.2732	0.3094	0.2844	Ave		0.294 4			0.2000	6.3		20.0			
Methylcyclohexane	++++ 0.3716	0.3247 0.3695	0.2582 0.3523	0.3896	0.3661	Ave		0.347 4			0.1000	12.7		20.0			
Ethyl acrylate	++++ 0.5265	0.5204 0.5373	0.4840 0.5151	0.5712	0.5460	Ave		0.528 7				5.1		20.0			
1,2-Dichloropropane	++++ 0.2583	0.3227 0.2635	0.2558 0.2495	0.3022	0.2698	Ave		0.274 5			0.1000	10.0		20.0			
Methyl methacrylate	++++ 0.0585	0.0518 0.0636	0.0470 0.0610	0.0612	0.0590	Ave		0.057 5				10.3		20.0			
1,4-Dioxane	++++ 0.9417	1.3821 0.8900	1.0417 0.7611	1.0995	0.9764	Ave		1.013 2				19.3		20.0			
Dibromomethane	++++ 0.1637	0.1557 0.1686	0.1881 0.1352	0.1970	0.1731	Ave		0.168 8				12.1		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-267943-1 Analy Batch No.: 866282

SDG No.: _____

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/14/2022 18:47 Calibration End Date: 09/14/2022 21:22 Calibration ID: 91371

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
n-Propyl acetate	++++ 0.2727	0.3472 0.2776	0.3027 0.2599	0.2919	0.2910	Ave		0.291 9				9.7		20.0			
Dichlorobromomethane	++++ 0.3519	0.4056 0.3729	0.3823 0.3568	0.4161	0.3756	Ave		0.380 2			0.2000	6.2		20.0			
2-Nitropropane	++++ 0.0470	0.0782 0.0479	0.0503 0.0450	0.0568	0.0496	QuaF		0.049 5	-0.000004						1.0000		0.9900
2-Chloroethyl vinyl ether	++++ 0.0379	0.0175 0.0398	0.0267 0.0378	0.0373	0.0385	Lin2	-0.01 1	0.038 7							0.9990		0.9900
Epichlorohydrin	0.1948 0.2129	0.2692 0.2244	0.2247 0.2106	0.2371	0.2243	Ave		0.224 7				9.8		20.0			
cis-1,3-Dichloropropene	++++ 0.5865	0.6847 0.6110	0.5676 0.5933	0.6318	0.6099	Ave		0.612 1			0.2000	6.2		20.0			
4-Methyl-2-pentanone (MIBK)	++++ 1.7447	1.8132 1.8670	1.8779 1.7041	1.8901	1.8166	Ave		1.816 2			0.0500	3.9		20.0			
Toluene	++++ 1.4194	1.8517 1.4627	1.4768 1.4198	1.6108	1.4758	Ave		1.531 0			0.4000	10.1		20.0			
trans-1,3-Dichloropropene	++++ 0.5180	0.5688 0.5402	0.4682 0.5193	0.5545	0.5333	Ave		0.528 9			0.1000	6.1		20.0			
Ethyl methacrylate	++++ 0.3608	0.3180 0.3891	0.3358 0.3780	0.3788	0.3805	Ave		0.363 0				7.3		20.0			
1,1,2-Trichloroethane	++++ 0.2564	0.2782 0.2700	0.2564 0.2549	0.2987	0.2687	Ave		0.269 0			0.1000	5.8		20.0			
Tetrachloroethene	++++ 0.3565	0.3976 0.3658	0.3599 0.3585	0.4172	0.3740	Ave		0.375 6			0.2000	6.2		20.0			
1,3-Dichloropropane	++++ 0.4962	0.5107 0.5186	0.4998 0.4895	0.5695	0.5304	Ave		0.516 4				5.3		20.0			
2-Hexanone	++++ 1.1983	1.3560 1.2975	1.3005 1.1927	1.3520	1.2100	Ave		1.272 4			0.0500	5.6		20.0			
n-Butyl acetate	++++ 0.3686	0.3959 0.3781	0.3863 0.3554	0.4249	0.3886	Ave		0.385 4				5.7		20.0			
Chlorodibromomethane	++++ 0.3606	0.4126 0.3877	0.3002 0.3785	0.3809	0.3751	Ave		0.370 8			0.1000	9.4		20.0			
Ethylene Dibromide	++++ 0.3238	0.3609 0.3341	0.3188 0.3191	0.3566	0.3405	Ave		0.336 3			0.1000	5.1		20.0			
Chlorobenzene	++++ 0.9213	1.1335 0.9461	0.9408 0.9042	1.0667	0.9616	Ave		0.982 0			0.5000	8.6		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-267943-1 Analy Batch No.: 866282

SDG No.: _____

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/14/2022 18:47 Calibration End Date: 09/14/2022 21:22 Calibration ID: 91371

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Ethylbenzene	++++ 0.4951	0.4624 0.5103	0.5110 0.4780	0.5452	0.5151	Ave		0.502 4			0.1000	5.4		20.0			
1,1,1,2-Tetrachloroethane	++++ 0.3451	0.4041 0.3555	0.3710 0.3336	0.3596	0.3554	Ave		0.360 6				6.2		20.0			
m-Xylene & p-Xylene	++++ 0.6201	0.6967 0.6145	0.6100 0.5864	0.6668	0.6409	Ave		0.633 6			0.1000	5.9		20.0			
o-Xylene	++++ 0.6026	0.5819 0.5918	0.5233 0.5715	0.6192	0.6163	Ave		0.586 6			0.3000	5.6		20.0			
n-Butyl acrylate	++++ 0.2286	0.2105 0.2347	0.1868 0.2218	0.2463	0.2416	Ave		0.224 3				9.1		20.0			
Styrene	++++ 0.9902	1.0287 0.9979	0.8588 0.9434	1.0199	1.0061	Ave		0.977 9			0.3000	6.1		20.0			
Bromoform	++++ 0.2208	0.1807 0.2446	0.2123 0.2472	0.2399	0.2388	Ave		0.226 3			0.1000	10.6		20.0			
Amyl acetate (mixed isomers)	++++ 0.8713	0.9691 0.8965	0.9356 0.8249	0.9974	0.9063	Ave		0.914 5				6.4		20.0			
Isopropylbenzene	++++ 1.4169	1.4567 1.4108	1.3032 1.3434	1.5517	1.4334	Ave		1.416 6			0.1000	5.6		20.0			
Bromobenzene	++++ 0.7260	0.8022 0.7527	0.7214 0.7249	0.8020	0.7518	Ave		0.754 4				4.6		20.0			
1,1,2,2-Tetrachloroethane	++++ 0.7364	0.7757 0.7770	0.8574 0.7361	0.7893	0.7640	Ave		0.776 6			0.3000	5.3		20.0			
N-Propylbenzene	++++ 3.4003	3.7214 3.3856	3.3925 3.1255	3.7738	3.4079	Ave		3.458 2				6.4		20.0			
1,2,3-Trichloropropane	++++ 0.2187	0.2663 0.2194	0.2305 0.2092	0.2392	0.2277	Ave		0.230 1				8.1		20.0			
trans-1,4-Dichloro-2-butene	++++ 0.1786	0.1259 0.1939	0.1821 0.1885	0.1682	0.1848	Ave		0.174 6				13.1		20.0			
2-Chlorotoluene	++++ 2.3462	2.4344 2.3623	2.4931 2.2016	2.6433	2.3847	Ave		2.409 4				5.7		20.0			
4-Ethyltoluene	++++ 2.8627	2.8543 2.7835	2.8013 2.6321	3.1418	2.8786	Ave		2.850 6				5.4		20.0			
1,3,5-Trimethylbenzene	++++ 2.2736	2.3396 2.2925	2.2942 2.1550	2.4900	2.3272	Ave		2.310 3				4.3		20.0			
4-Chlorotoluene	++++ 2.3520	2.4610 2.3631	2.4494 2.2014	2.7049	2.4094	Ave		2.420 2				6.3		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-267943-1 Analy Batch No.: 866282

SDG No.: _____

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/14/2022 18:47 Calibration End Date: 09/14/2022 21:22 Calibration ID: 91371

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Butyl Methacrylate	++++ 0.8012	0.7639 0.8419	0.6834 0.8049	0.7868	0.7745	Ave		0.779 5				6.3		20.0			
tert-Butylbenzene	++++ 1.8714	1.9102 1.8881	1.8882 1.7902	2.1033	1.8820	Ave		1.904 8				5.0		20.0			
1,2,4-Trimethylbenzene	++++ 2.3138	2.2364 2.3491	2.0835 2.2008	2.4845	2.2770	Ave		2.277 9				5.5		20.0			
sec-Butylbenzene	++++ 2.7251	2.7610 2.7188	2.4333 2.5203	3.0023	2.7378	Ave		2.699 8				6.8		20.0			
1,3-Dichlorobenzene	++++ 1.2564	1.4702 1.2924	1.1927 1.2232	1.3607	1.2732	Ave		1.295 5			0.6000	7.2		20.0			
4-Isopropyltoluene	++++ 2.2337	2.1920 2.2298	2.0954 2.0842	2.3911	2.1899	Ave		2.202 3				4.7		20.0			
1,4-Dichlorobenzene	++++ 1.2806	1.3943 1.3156	1.3332 1.2391	1.4565	1.3052	Ave		1.332 1			0.5000	5.5		20.0			
1,2,3-Trimethylbenzene	++++ 2.2548	2.2330 2.3310	2.3375 2.2075	2.5820	2.3371	Ave		2.326 1				5.4		20.0			
Benzyl chloride	++++ 1.4704	1.3386 1.5469	1.4976 1.4768	1.4953	1.5265	Ave		1.478 9				4.6		20.0			
Indan	++++ 2.1911	2.2793 2.2368	2.1037 2.0959	2.4323	2.2281	Ave		2.223 9				5.1		20.0			
p-Diethylbenzene	++++ 1.1258	1.2551 1.1378	1.1439 1.0895	1.1493	1.1366	Ave		1.148 3				4.4		20.0			
n-Butylbenzene	++++ 1.1295	1.3249 1.1338	1.0358 1.0440	1.2417	1.1278	Ave		1.148 2				9.0		20.0			
1,2-Dichlorobenzene	++++ 1.1249	1.2635 1.1827	1.1414 1.1172	1.2799	1.1508	Ave		1.180 1			0.4000	5.6		20.0			
1,2,4,5-Tetramethylbenzene	++++ 1.7679	1.9413 1.8870	1.6918 1.8122	1.8476	1.7421	Ave		1.812 9				4.8		20.0			
1,2-Dibromo-3-Chloropropane	++++ 0.1332	0.1555 0.1578	0.1354 0.1536	0.1461	0.1433	Ave		0.146 4			0.0500	6.7		20.0			
1,3,5-Trichlorobenzene	++++ 0.6414	0.6316 0.6880	0.6689 0.6585	0.7265	0.6582	Ave		0.667 6				4.8		20.0			
1,2,4-Trichlorobenzene	++++ 0.5198	0.5151 0.5628	0.5511 0.5378	0.5635	0.5023	Ave		0.536 0			0.2000	4.5		20.0			
Hexachlorobutadiene	++++ 0.2310	0.2359 0.2459	0.2521 0.2347	0.2522	0.2308	Ave		0.240 4				3.9		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-267943-1 Analy Batch No.: 866282

SDG No.: _____

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/14/2022 18:47 Calibration End Date: 09/14/2022 21:22 Calibration ID: 91371

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Naphthalene	+++++ 1.3744	1.4084 1.5258	1.4400 1.4911	1.4390	1.3880	Ave		1.438 1				3.8		20.0			
1,2,3-Trichlorobenzene	+++++ 0.4142	0.5147 0.4411	0.4578 0.4234	0.4213	0.4088	Ave		0.440 2				8.4		20.0			
Dibromofluoromethane (Surr)	0.2778 0.2683	0.2889 0.2647	0.2813 0.2513	0.2863	0.2706	Ave		0.273 7				4.5		20.0			
1,2-Dichloroethane-d4 (Surr)	0.2863 0.2723	0.2942 0.2777	0.2893 0.2521	0.2908	0.2733	Ave		0.279 5				4.9		20.0			
Toluene-d8 (Surr)	1.1978 1.2088	1.2114 1.2546	1.1996 1.2885	1.2150	1.2275	Ave		1.225 4				2.6		20.0			
4-Bromofluorobenzene	0.3526 0.3655	0.3547 0.3600	0.3590 0.3683	0.3609	0.3616	Ave		0.360 3				1.4		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-267943-1 Analy Batch No.: 866282

SDG No.: _____

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/14/2022 18:47 Calibration End Date: 09/14/2022 21:22 Calibration ID: 91371

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-866282/3	T652580.D
Level 2	STD05 460-866282/4	T652581.D
Level 3	STD1 460-866282/5	T652582.D
Level 4	STD5 460-866282/6	T652583.D
Level 5	STD20 460-866282/7	T652584.D
Level 6	STD50 460-866282/8	T652585.D
Level 7	STD200 460-866282/9	T652586.D
Level 8	STD500 460-866282/10	T652587.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Chlorotrifluoroethene	FB	QuaF	++++ 46838	378 121314	586 329694	4684	19553	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dichlorodifluoromethane	FB	Ave	++++ 184415	1765 936494	4311 2284672	20949	79283	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chlorodifluoromethane	FB	Ave	++++ 27077	276 102074	554 260732	3309	12017	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chloromethane	FB	Ave	++++ 118595	1413 588728	2726 1901747	14592	51731	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Vinyl chloride	FB	Ave	++++ 119340	1509 559667	2597 1657175	15196	53636	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Butadiene	FB	Ave	769 112479	1644 536691	3269 1552386	14953	52992	0.250 50.0	0.500 200	1.00 500	5.00	20.0
Bromomethane	BUT	Qua	++++ 42404	635 291060	1169 ++++	4167	13413	++++ 50.0	0.500 200	1.00 ++++	5.00	20.0
Chloroethane	BUT	Ave	++++ 91952	1447 401258	2328 938768	12576	40098	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dichlorofluoromethane	FB	Ave	++++ 289778	3538 1243811	6996 3042311	36885	122681	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Trichlorofluoromethane	FB	Ave	++++ 258005	2986 1130127	5762 2765664	31005	107292	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Pentane	FB	Lin2	++++ 56322	284 232981	865 591987	6617	23197	++++ 100	1.00 400	2.00 1000	10.0	40.0
Ethanol	TBA 9	Ave	++++ 24518	188 100814	465 252618	2804	10886	++++ 2000	20.0 8000	40.0 20000	200	800
Ethyl ether	FB	Ave	++++	1558	2985	13864	50227	++++	0.500	1.00	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-267943-1 Analy Batch No.: 866282

SDG No.: _____

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/14/2022 18:47 Calibration End Date: 09/14/2022 21:22 Calibration ID: 91371

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
			118894	503034	1221441			50.0	200	500		
2-Methyl-1,3-butadiene	FB	Ave	++++ 138077	1468 574409	2541 1418626	17347	58267	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	++++ 146902	1681 584178	3071 1433618	16182	61078	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	++++ 247836	3240 1041905	5332 2543187	30379	106382	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	++++ 178444	1669 736731	2674 1838941	21512	75674	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Acrolein	TBAd 9	Ave	++++ 47162	1181 98330	2146 197159	10170	18172	++++ 100	2.00 200	4.00 400	20.0	40.0
1,1-Dichloroethene	FB	Ave	++++ 156777	1703 644996	3111 1583482	19385	66660	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Acetone	BUT	QuaF	++++ 172655	3365 839974	5321 1994829	23202	76519	++++ 250	2.50 1000	5.00 2500	25.0	100
Iodomethane	FB	QuaF	++++ 164513	677 741634	1682 1466675	13591	64594	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Carbon disulfide	FB	Ave	++++ 513864	6146 2066693	11533 5029329	64431	215688	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isopropyl alcohol	TBAd 9	Ave	++++ 72580	816 303739	1933 720217	9032	33146	++++ 500	5.00 2000	10.0 5000	50.0	200
3-Chloro-1-propene	FB	Ave	++++ 103086	991 343898	2399 792678	12218	45543	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Cyclopentene	FB	Ave	++++ 383701	4689 1591100	7663 3832778	46769	160836	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methyl acetate	FB	Ave	++++ 191675	2628 780042	4059 1889625	22912	84139	++++ 100	1.00 400	2.00 1000	10.0	40.0
Acetonitrile	BUT	QuaF	++++ 159203	3050 632655	3617 1540882	15997	71263	++++ 500	5.00 2000	10.0 5000	50.0	200
Methylene Chloride	FB	Ave	++++ 174708	2736 741848	4058 1885882	23102	75729	++++ 50.0	0.500 200	1.00 500	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-267943-1 Analy Batch No.: 866282

SDG No.: _____

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/14/2022 18:47 Calibration End Date: 09/14/2022 21:22 Calibration ID: 91371

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
2-Methyl-2-propanol	TBAd 9	Ave	++++ 126149	1293 552471	3005 1263003	15177	54552	++++ 500	5.00 2000	10.0 5000	50.0	200
Methyl tert-butyl ether	FB	Ave	++++ 427901	4480 1839076	8238 4590664	48165	180117	++++ 50.0	0.500 200	1.00 500	5.00	20.0
trans-1,2-Dichloroethene	FB	Ave	++++ 180978	2466 751390	3894 1823368	21381	73722	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Acrylonitrile	FB	Ave	2776 511461	5899 2106987	11108 5057346	62294	224060	2.00 500	5.00 2000	10.0 5000	50.0	200
Hexane	FB	Ave	++++ 213569	1945 827784	3002 2028434	23802	87450	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isopropyl ether	FB	Ave	++++ 470807	4774 1983960	8955 4853645	52260	192543	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1-Dichloroethane	FB	Ave	++++ 313087	4324 1289553	6695 3012844	38470	134273	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Vinyl acetate	BUT	Ave	++++ 70174	754 307332	1419 775703	8174	28965	++++ 100	1.00 400	2.00 1000	10.0	40.0
2-Chloro-1,3-butadiene	FB	Ave	++++ 162547	1759 676587	3062 1700808	18635	66763	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Tert-butyl ethyl ether	FB	Ave	++++ 470924	4505 1982795	8214 4928699	50387	191880	++++ 50.0	0.500 200	1.00 500	5.00	20.0
2,2-Dichloropropane	FB	Ave	++++ 64643	959 275145	1737 671428	8349	26857	++++ 50.0	0.500 200	1.00 500	5.00	20.0
cis-1,2-Dichloroethene	FB	Ave	++++ 200306	2376 840124	4774 2044393	24604	81504	++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Butanone (MEK)	BUT	Ave	++++ 84218	984 382480	1678 918656	10080	35907	++++ 250	2.50 1000	5.00 2500	25.0	100
Ethyl acetate	BUT	Ave	++++ 33878	335 150493	629 370943	3750	13764	++++ 100	1.00 400	2.00 1000	10.0	40.0
Methyl acrylate	FB	Ave	++++ 129088	1135 541655	2670 1371923	14196	51852	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Propionitrile	TBAd 9	Ave	++++ 185917	2229 772941	4586 1875192	22507	80841	++++ 500	5.00 2000	10.0 5000	50.0	200
Chlorobromomethane	FB	Ave	++++ 84599	1054 339681	1941 904617	11735	36801	++++ 50.0	0.500 200	1.00 500	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-267943-1 Analy Batch No.: 866282

SDG No.: _____

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/14/2022 18:47 Calibration End Date: 09/14/2022 21:22 Calibration ID: 91371

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Tetrahydrofuran	BUT	Ave	++++ 36550	442 153504	568 379355	4382	15004	++++ 100	1.00 400	2.00 1000	10.0	40.0
Methacrylonitrile	FB	Ave	++++ 627969	6970 2582934	13317 5893457	75171	269544	++++ 500	5.00 2000	10.0 5000	50.0	200
Chloroform	FB	Ave	++++ 320666	4026 1311236	6660 3022104	39941	135100	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Cyclohexane	FB	Ave	++++ 242487	2292 997967	4286 2442725	27538	98542	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,1-Trichloroethane	FB	Ave	++++ 282070	3578 1178604	5980 2860353	35086	117216	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Carbon tetrachloride	FB	Ave	++++ 255550	2949 1097957	5614 2716353	31489	105084	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1-Dichloropropene	FB	Ave	++++ 247688	2717 1028702	4849 2490659	30136	99221	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isobutyl alcohol	TBAd 9	Ave	++++ 191196	1991 825163	4251 1947766	21733	77229	++++ 1250	12.5 5000	25.0 12500	125	500
Isooctane	FB	Ave	++++ 402785	3469 1663725	6850 4105083	41694	157564	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Benzene	CBNZ d5	Ave	++++ 694581	7790 2814581	14288 6854179	79972	287141	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Tert-amyl methyl ether	FB	Ave	++++ 446339	4707 1925985	7742 4846065	46821	181278	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isopropyl acetate	FB	Ave	++++ 81214	877 333435	1673 801341	9218	32046	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dichloroethane	FB	Ave	++++ 214565	2967 868360	4711 2009835	26393	87044	++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Heptane	FB	Ave	++++ 158862	1121 620692	2463 1514576	19080	65145	++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Butanol	TBAd 9	Ave	++++ 86965	583 380465	1981 917333	10069	36378	++++ 1250	12.5 5000	25.0 12500	125	500
Trichloroethene	FB	Ave	++++ 191977	2189 802822	4517 1988598	22246	77726	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methylcyclohexane	FB	Ave	++++	2257	3682	28007	100047	++++	0.500	1.00	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-267943-1 Analy Batch No.: 866282

SDG No.: _____

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/14/2022 18:47 Calibration End Date: 09/14/2022 21:22 Calibration ID: 91371

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
			256645	1042758	2564675			50.0	200	500		
Ethyl acrylate	FB	Ave	++++ 363686	3617 1516472	6903 3749219	41067	149218	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dichloropropane	FB	Ave	++++ 178416	2243 743506	3648 1815914	21726	73740	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methyl methacrylate	FB	Ave	++++ 80820	720 359245	1342 888417	8793	32270	++++ 100	1.00 400	2.00 1000	10.0	40.0
1,4-Dioxane	DXE	Ave	++++ 34821	1224 145429	2129 349914	4192	14246	++++ 1000	25.0 4000	50.0 10000	100	400
Dibromomethane	FB	Ave	++++ 113098	1082 475914	2682 983848	14166	47318	++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Propyl acetate	FB	Ave	++++ 188337	2413 783437	4317 1891883	20984	79542	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dichlorobromomethane	FB	Ave	++++ 243053	2819 1052279	5453 2597169	29914	102648	++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Nitropropane	FB	QuaF	++++ 64884	1087 270420	1434 655678	8170	27089	++++ 100	1.00 400	2.00 1000	10.0	40.0
2-Chloroethyl vinyl ether	FB	Lin2	++++ 26254	122 112661	382 276065	2691	10536	++++ 50.1	0.501 200	1.00 501	5.01	20.0
Epichlorohydrin	BUT	Ave	1692 284061	3504 1200460	6037 2805447	33314	121528	5.00 1000	10.0 4000	20.0 10000	100	400
cis-1,3-Dichloropropene	CBNZ d5	Ave	++++ 300684	3699 1274423	6144 3073474	34463	121309	++++ 50.0	0.500 200	1.00 500	5.00	20.0
4-Methyl-2-pentanone (MIBK)	BUT	Ave	++++ 582082	5901 2497261	12613 5674975	66393	246044	++++ 250	2.50 1000	5.00 2500	25.0	100
Toluene	CBNZ d5	Ave	++++ 727740	10004 3050629	15985 7354797	87867	293534	++++ 50.0	0.500 200	1.00 500	5.00	20.0
trans-1,3-Dichloropropene	CBNZ d5	Ave	++++ 265549	3073 1126671	5068 2690360	30250	106069	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethyl methacrylate	CBNZ d5	Ave	++++ 184991	1718 811450	3635 1958040	20665	75675	++++ 50.0	0.500 200	1.00 500	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-267943-1 Analy Batch No.: 866282

SDG No.: _____

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/14/2022 18:47 Calibration End Date: 09/14/2022 21:22 Calibration ID: 91371

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,1,2-Trichloroethane	CBNZ d5	Ave	++++ 131453	1503 563039	2775 1320544	16294	53436	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Tetrachloroethene	CBNZ d5	Ave	++++ 182756	2148 762967	3895 1857119	22756	74388	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,3-Dichloropropane	CBNZ d5	Ave	++++ 254397	2759 1081599	5410 2535945	31068	105489	++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Hexanone	BUT	Ave	++++ 399783	4413 1735525	8735 3972116	47492	163886	++++ 250	2.50 1000	5.00 2500	25.0	100
n-Butyl acetate	CBNZ d5	Ave	++++ 188970	2139 788685	4181 1840830	23177	77293	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chlorodibromomethane	CBNZ d5	Ave	++++ 184866	2229 808701	3249 1960560	20779	74611	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethylene Dibromide	CBNZ d5	Ave	++++ 166017	1950 696722	3451 1653126	19452	67715	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chlorobenzene	CBNZ d5	Ave	++++ 472368	6124 1973267	10183 4684071	58190	191263	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethylbenzene	CBNZ d5	Ave	++++ 253843	2498 1064370	5531 2476026	29742	102445	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	++++ 176924	2183 741471	4016 1728277	19614	70679	++++ 50.0	0.500 200	1.00 500	5.00	20.0
m-Xylene & p-Xylene	CBNZ d5	Ave	++++ 317944	3764 1281717	6603 3037878	36372	127467	++++ 50.0	0.500 200	1.00 500	5.00	20.0
o-Xylene	CBNZ d5	Ave	++++ 308965	3144 1234216	5664 2960551	33775	122571	++++ 50.0	0.500 200	1.00 500	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-267943-1 Analy Batch No.: 866282

SDG No.: _____

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/14/2022 18:47 Calibration End Date: 09/14/2022 21:22 Calibration ID: 91371

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
n-Butyl acrylate	CBNZ d5	Ave	+++++	1137	2022	13438	48056	+++++	0.500	1.00	5.00	20.0
			117214	489526	1148944			50.0	200	500		
Styrene	CBNZ d5	Ave	+++++	5558	9295	55636	200113	+++++	0.500	1.00	5.00	20.0
			507689	2081204	4887124			50.0	200	500		
Bromoform	CBNZ d5	Ave	+++++	976	2298	13087	47497	+++++	0.500	1.00	5.00	20.0
			113179	510202	1280474			50.0	200	500		
Amyl acetate (mixed isomers)	DCBd 4	Ave	+++++	2555	4866	26369	90320	+++++	0.500	1.00	5.00	20.0
			219020	897397	2117094			50.0	200	500		
Isopropylbenzene	CBNZ d5	Ave	+++++	7870	14106	84645	285107	+++++	0.500	1.00	5.00	20.0
			726420	2942538	6959428			50.0	200	500		
Bromobenzene	DCBd 4	Ave	+++++	2115	3752	21204	74923	+++++	0.500	1.00	5.00	20.0
			182480	753438	1860438			50.0	200	500		
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	+++++	2045	4459	20867	76141	+++++	0.500	1.00	5.00	20.0
			185111	777809	1889171			50.0	200	500		
N-Propylbenzene	DCBd 4	Ave	+++++	9811	17644	99773	339625	+++++	0.500	1.00	5.00	20.0
			854712	3389036	8021247			50.0	200	500		
1,2,3-Trichloropropane	DCBd 4	Ave	+++++	702	1199	6324	22693	+++++	0.500	1.00	5.00	20.0
			54973	219600	536942			50.0	200	500		
trans-1,4-Dichloro-2-butene	DCBd 4	Ave	+++++	332	947	4447	18420	+++++	0.500	1.00	5.00	20.0
			44881	194066	483727			50.0	200	500		
2-Chlorotoluene	DCBd 4	Ave	+++++	6418	12966	69886	237657	+++++	0.500	1.00	5.00	20.0
			589756	2364757	5650177			50.0	200	500		
4-Ethyltoluene	DCBd 4	Ave	+++++	7525	14569	83066	286874	+++++	0.500	1.00	5.00	20.0
			719564	2786302	6754785			50.0	200	500		

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-267943-1 Analy Batch No.: 866282

SDG No.: _____

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/14/2022 18:47 Calibration End Date: 09/14/2022 21:22 Calibration ID: 91371

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,3,5-Trimethylbenzene	DCBd 4	Ave	++++ 571495	6168 2294895	11932 5530583	65832	231927	++++ 50.0	0.500 200	1.00 500	5.00	20.0
4-Chlorotoluene	DCBd 4	Ave	++++ 591203	6488 2365494	12739 5649537	71513	240119	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Butyl Methacrylate	DCBd 4	Ave	++++ 201382	2014 842793	3554 2065577	20802	77188	++++ 50.0	0.500 200	1.00 500	5.00	20.0
tert-Butylbenzene	DCBd 4	Ave	++++ 470411	5036 1890036	9820 4594342	55608	187556	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,4-Trimethylbenzene	DCBd 4	Ave	++++ 581606	5896 2351544	10836 5648141	65688	226921	++++ 50.0	0.500 200	1.00 500	5.00	20.0
sec-Butylbenzene	DCBd 4	Ave	++++ 684979	7279 2721540	12655 6468096	79376	272841	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,3-Dichlorobenzene	DCBd 4	Ave	++++ 315811	3876 1293749	6203 3139069	35974	126884	++++ 50.0	0.500 200	1.00 500	5.00	20.0
4-Isopropyltoluene	DCBd 4	Ave	++++ 561475	5779 2232077	10898 5348754	63217	218243	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,4-Dichlorobenzene	DCBd 4	Ave	++++ 321882	3676 1316936	6934 3179962	38507	130070	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,3-Trimethylbenzene	DCBd 4	Ave	++++ 566760	5887 2333389	12157 5665184	68264	232912	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Benzyl chloride	DCBd 4	Ave	++++ 369601	3529 1548494	7789 3790043	39533	152131	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Indan	DCBd 4	Ave	++++ 550759	6009 2239107	10941 5378840	64307	222049	++++ 50.0	0.500 200	1.00 500	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-267943-1 Analy Batch No.: 866282

SDG No.: _____

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/14/2022 18:47 Calibration End Date: 09/14/2022 21:22 Calibration ID: 91371

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
p-Diethylbenzene	DCBd 4	Ave	++++ 282980	3309 1139000	5949 2795923	30386	113272	++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Butylbenzene	DCBd 4	Ave	++++ 283910	3493 1134968	5387 2679353	32828	112390	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dichlorobenzene	DCBd 4	Ave	++++ 282758	3331 1183928	5936 2867145	33840	114686	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,4,5-Tetramethylbenzene	DCBd 4	Ave	++++ 444394	5118 1888973	8799 4650741	48847	173611	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	++++ 33480	410 157936	704 394083	3864	14277	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,3,5-Trichlorobenzene	DCBd 4	Ave	++++ 161236	1665 688662	3479 1689832	19207	65592	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,4-Trichlorobenzene	DCBd 4	Ave	++++ 130659	1358 563424	2866 1380107	14898	50053	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Hexachlorobutadiene	DCBd 4	Ave	++++ 58074	622 246132	1311 602438	6667	22997	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Naphthalene	DCBd 4	Ave	++++ 345463	3713 1527351	7489 3826769	38045	138321	++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,3-Trichlorobenzene	DCBd 4	Ave	++++ 104124	1357 441523	2381 1086629	11139	40738	++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dibromofluoromethane (Surr)	FB	Ave	252239 185316	200785 186776	200599 182953	205800	184862	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	259943 188061	204490 195925	206308 183511	209072	186754	50.0 50.0	50.0 50.0	50.0 50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZ d5	Ave	820695	654495	649235	662745	610351	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.: 460-267943-1 Analy Batch No.: 866282

SDG No.: _____

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/14/2022 18:47 Calibration End Date: 09/14/2022 21:22 Calibration ID: 91371

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
			619737	654147	667463			50.0	50.0	50.0		
4-Bromofluorobenzene	CBNZ d5	Ave	241622	191636	194294	196863	179797	50.0	50.0	50.0	50.0	50.0
			187398	187686	190787			50.0	50.0	50.0		

Curve Type Legend

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD
Qua = Quadratic ISTD
QuaF = Quadratic ISTD forced zero

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Edison Job No.: 460-267943-1 Analy Batch No.: 866282

SDG No.: _____

Instrument ID: CVOAMS15 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/14/2022 18:47 Calibration End Date: 09/14/2022 21:22 Calibration ID: 91371

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-866282/3	T652580.D
Level 2	STD05 460-866282/4	T652581.D
Level 3	STD1 460-866282/5	T652582.D
Level 4	STD5 460-866282/6	T652583.D
Level 5	STD20 460-866282/7	T652584.D
Level 6	STD50 460-866282/8	T652585.D
Level 7	STD200 460-866282/9	T652586.D
Level 8	STD500 460-866282/10	T652587.D

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
	LVL 7 #	LVL 8 #					LVL 7	LVL 8				
Pentane	+++++	0.1						30				
2-Chloroethyl vinyl ether	+++++	1.3						30				

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652580.D
 Lims ID: STD8
 Client ID:
 Sample Type: IC Calib Level: 8
 Inject. Date: 14-Sep-2022 18:47:19 ALS Bottle#: 0 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD8
 Misc. Info.: 460-0150379-003
 Operator ID: Instrument ID: CVOAMS15
 Sublist: chrom-8260W_15*sub18
 Method: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\8260W_15.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 15-Sep-2022 20:41:30 Calib Date: 14-Sep-2022 21:22:51
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652587.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1674

First Level Reviewer: W9CM

Date: 15-Sep-2022 19:51:50

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Butadiene	54	1.703	1.703	0.000	68	769	0.2500	0.2113	
* 31 TBA-d9 (IS)	66	3.166	3.166	0.000	93	57013	1000.0	1000.0	
33 Acrylonitrile	53	3.471	3.471	0.000	89	2776	2.00	1.95	
* 42 2-Butanone-d5	46	4.367	4.367	0.000	53	434232	250.0	250.0	
\$ 53 Dibromofluoromethane (Surr)	113	4.897	4.897	0.000	96	252239	50.0	50.8	
\$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.300	5.300	0.000	91	259943	50.0	51.2	
* 65 Fluorobenzene	96	5.617	5.617	0.000	99	907957	50.0	50.0	
* 73 1,4-Dioxane-d8	96	6.440	6.440	0.000	1	49360	1000.0	1000.0	
80 Epichlorohydrin	57	7.238	7.238	0.000	31	1692	5.00	4.33	
\$ 83 Toluene-d8 (Surr)	98	7.586	7.586	0.000	100	820695	50.0	48.9	
* 94 Chlorobenzene-d5	117	9.738	9.738	0.000	83	685177	50.0	50.0	
\$ 105 4-Bromofluorobenzene	174	11.616	11.616	0.000	89	241622	50.0	48.9	
* 120 1,4-Dichlorobenzene-d4	152	13.000	13.000	0.000	95	335362	50.0	50.0	

QC Flag Legend

Processing Flags

Reagents:

8260MIX1COMB_00159	Amount Added: 0.00	Units: uL	
ACROLEIN W_00144	Amount Added: 0.00	Units: uL	
524freon_00057	Amount Added: 0.00	Units: uL	
GASES Li_00493	Amount Added: 2.50	Units: uL	
14DIOXINTER_00145	Amount Added: 0.00	Units: uL	
GAS Hi_00424	Amount Added: 0.00	Units: uL	
ACRY/EPIH MIX_00104	Amount Added: 20.00	Units: uL	
Ethanol mix_00068	Amount Added: 0.00	Units: uL	
MIX 2 Hi_00127	Amount Added: 0.00	Units: uL	
MIX I Hi_00154	Amount Added: 0.00	Units: uL	
8FreonHi_00048	Amount Added: 0.00	Units: uL	
VOA6IS/SURR_00061	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652580.D

Injection Date: 14-Sep-2022 18:47:19

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

Worklist Smp#: 3

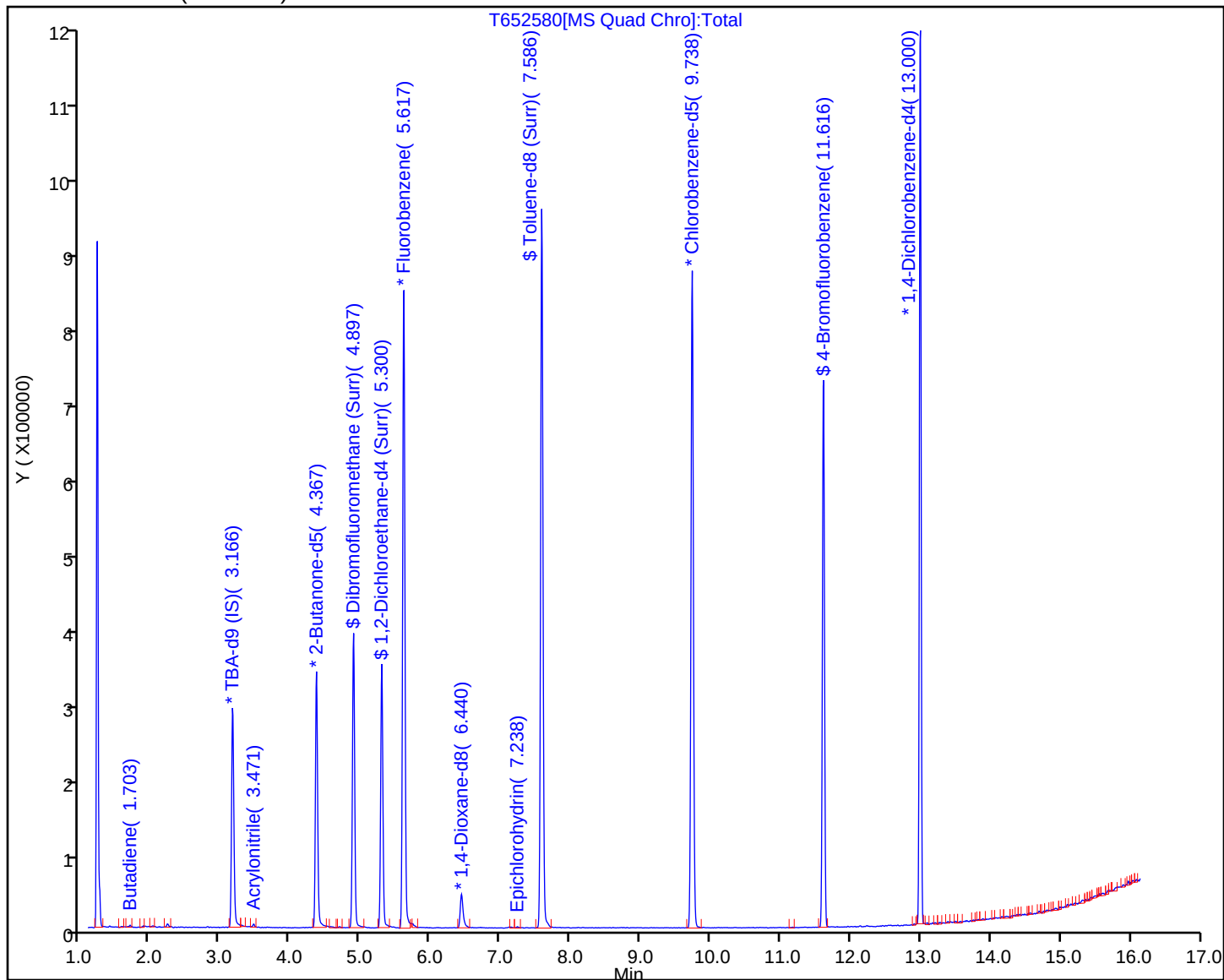
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652580.D

Injection Date: 14-Sep-2022 18:47:19

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

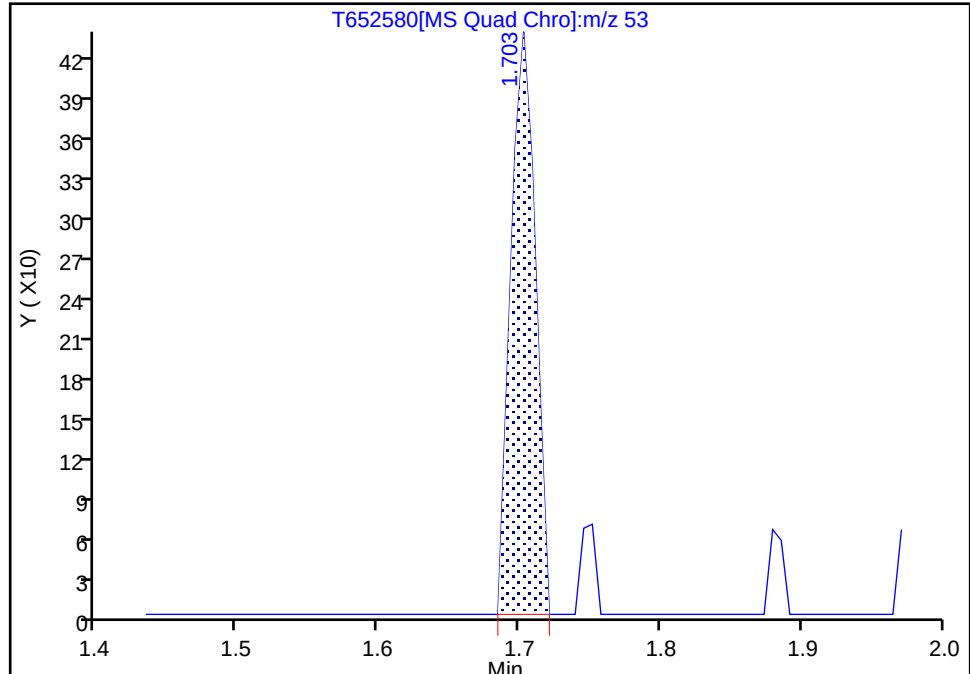
Detector: MS Quad

8 Butadiene, CAS: 106-99-0

Signal: 2

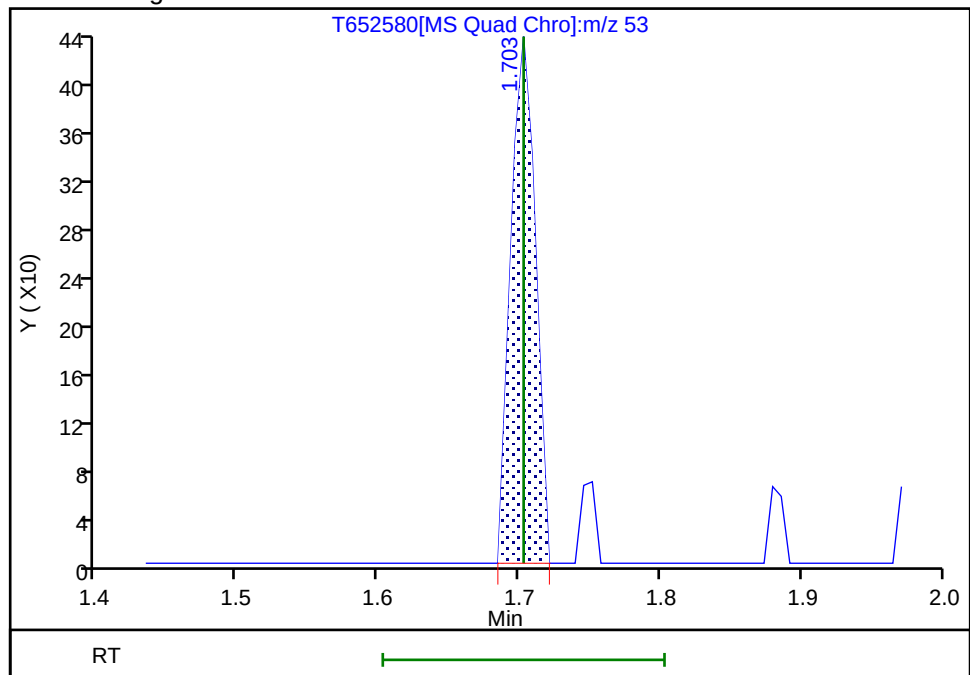
RT: 1.70
Area: 524
Amount: 0.250000
Amount Units: ug/l

Processing Integration Results



RT: 1.70
Area: 524
Amount: 0.211300
Amount Units: ug/l

Manual Integration Results



Reviewer: HVW2, 14-Sep-2022 19:13:32

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652580.D

Injection Date: 14-Sep-2022 18:47:19

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#:

3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_15

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

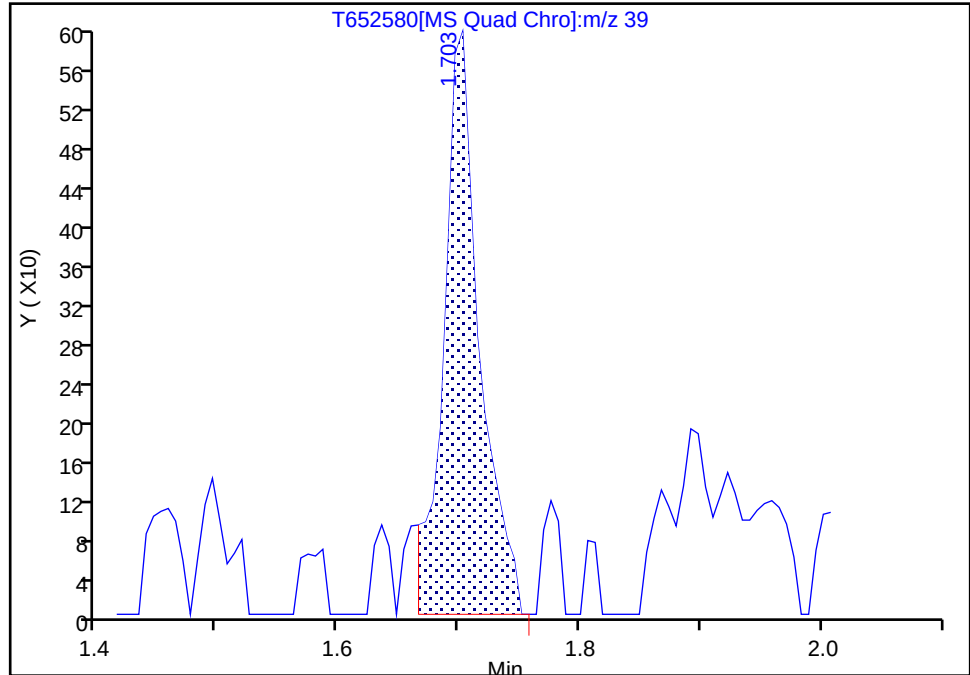
MS Quad

8 Butadiene, CAS: 106-99-0

Signal: 3

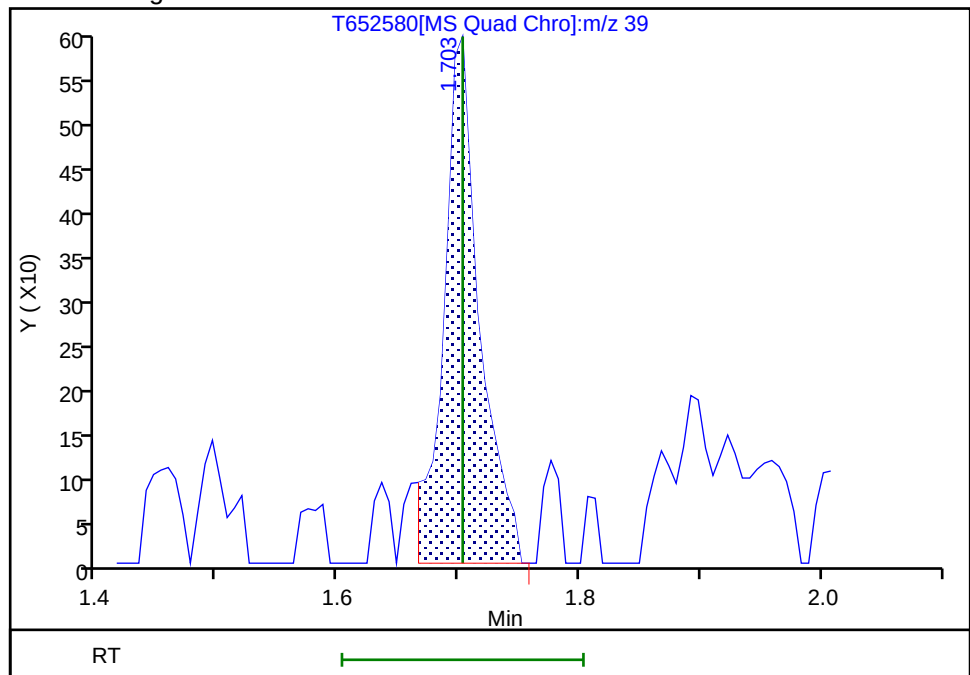
RT: 1.70
Area: 1242
Amount: 0.250000
Amount Units: ug/l

Processing Integration Results



RT: 1.70
Area: 1242
Amount: 0.211300
Amount Units: ug/l

Manual Integration Results



Reviewer: HVW2, 14-Sep-2022 19:13:32

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652580.D

Injection Date: 14-Sep-2022 18:47:19

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

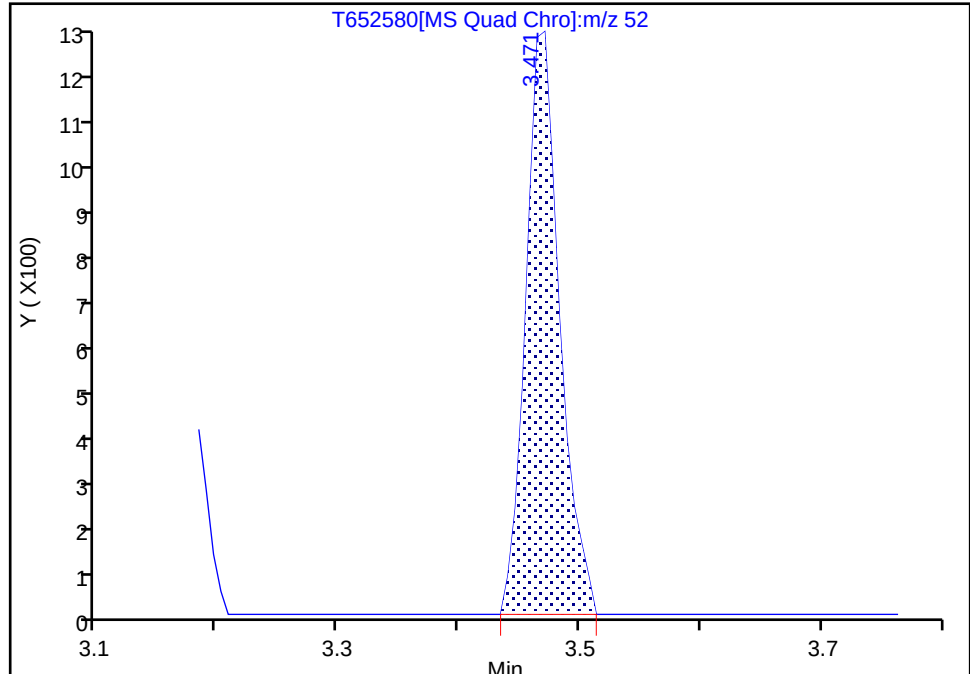
Detector: MS Quad

33 Acrylonitrile, CAS: 107-13-1

Signal: 2

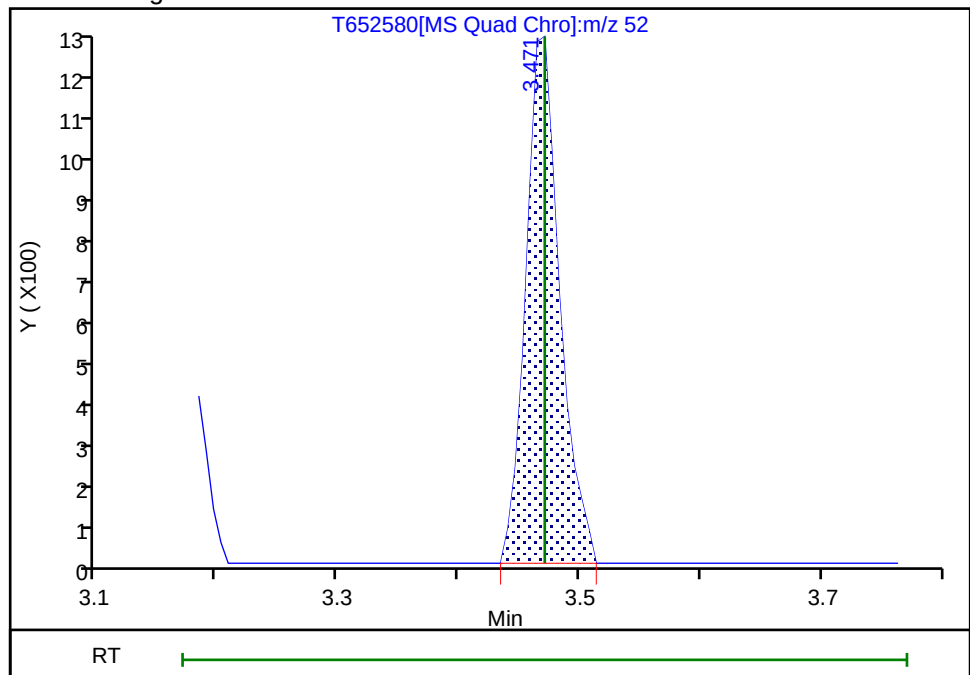
RT: 3.47
Area: 2490
Amount: 1.953566
Amount Units: ug/l

Processing Integration Results



RT: 3.47
Area: 2490
Amount: 1.953566
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 15-Sep-2022 19:51:18

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652580.D

Injection Date: 14-Sep-2022 18:47:19

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_15

Limit Group:

VOA - 8260D Water and Solid

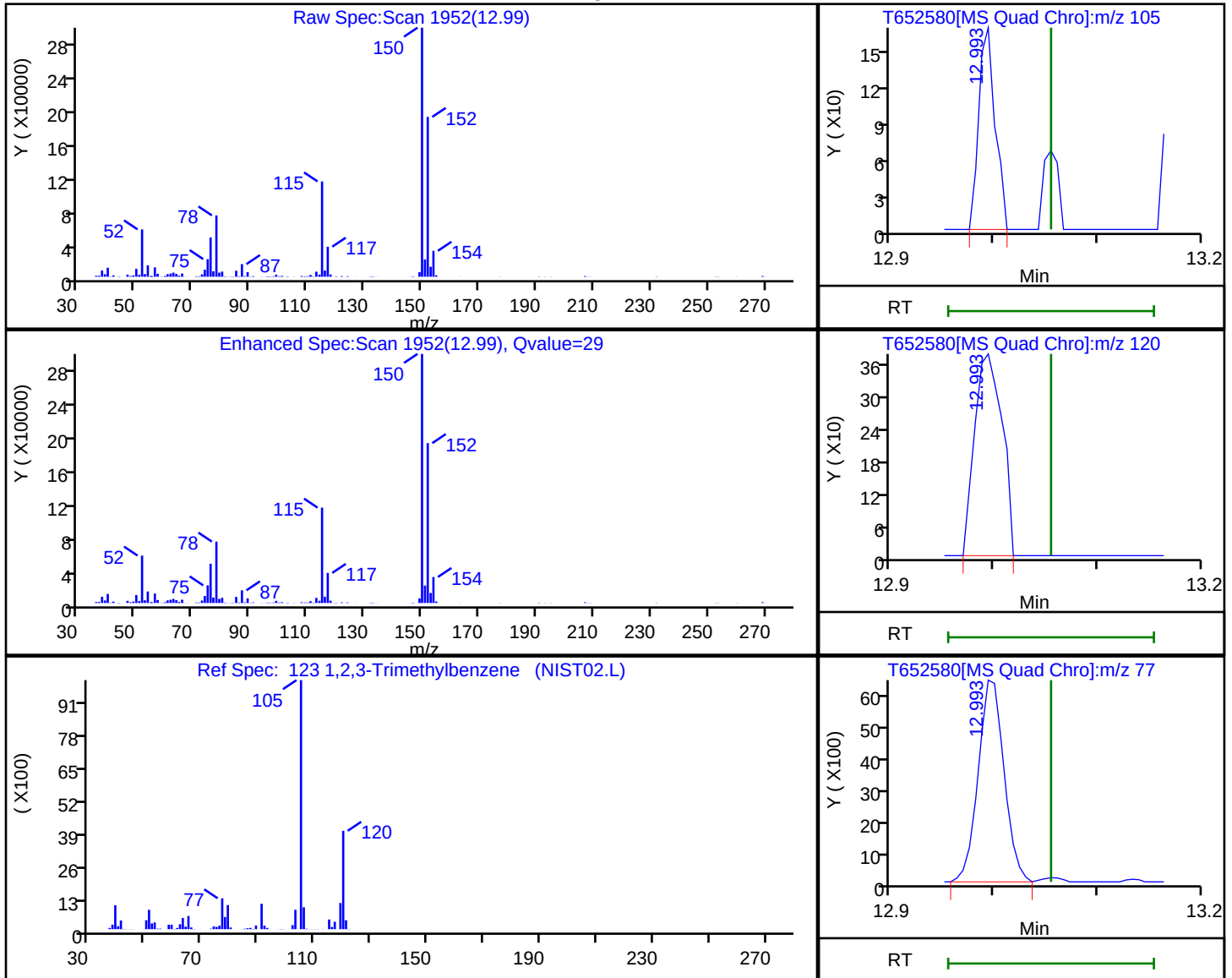
Column: DB-624 (0.18 mm)

Detector

MS Quad

123 1,2,3-Trimethylbenzene, CAS: 526-73-8

Processing Results



RT	Mass	Response	Amount
12.99	105.00	187	0.011986
12.99	120.00	690	
12.99	77.00	11220	

Reviewer: W9CM, 15-Sep-2022 19:51:38

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652580.D

Injection Date: 14-Sep-2022 18:47:19

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_15

Limit Group:

VOA - 8260D Water and Solid

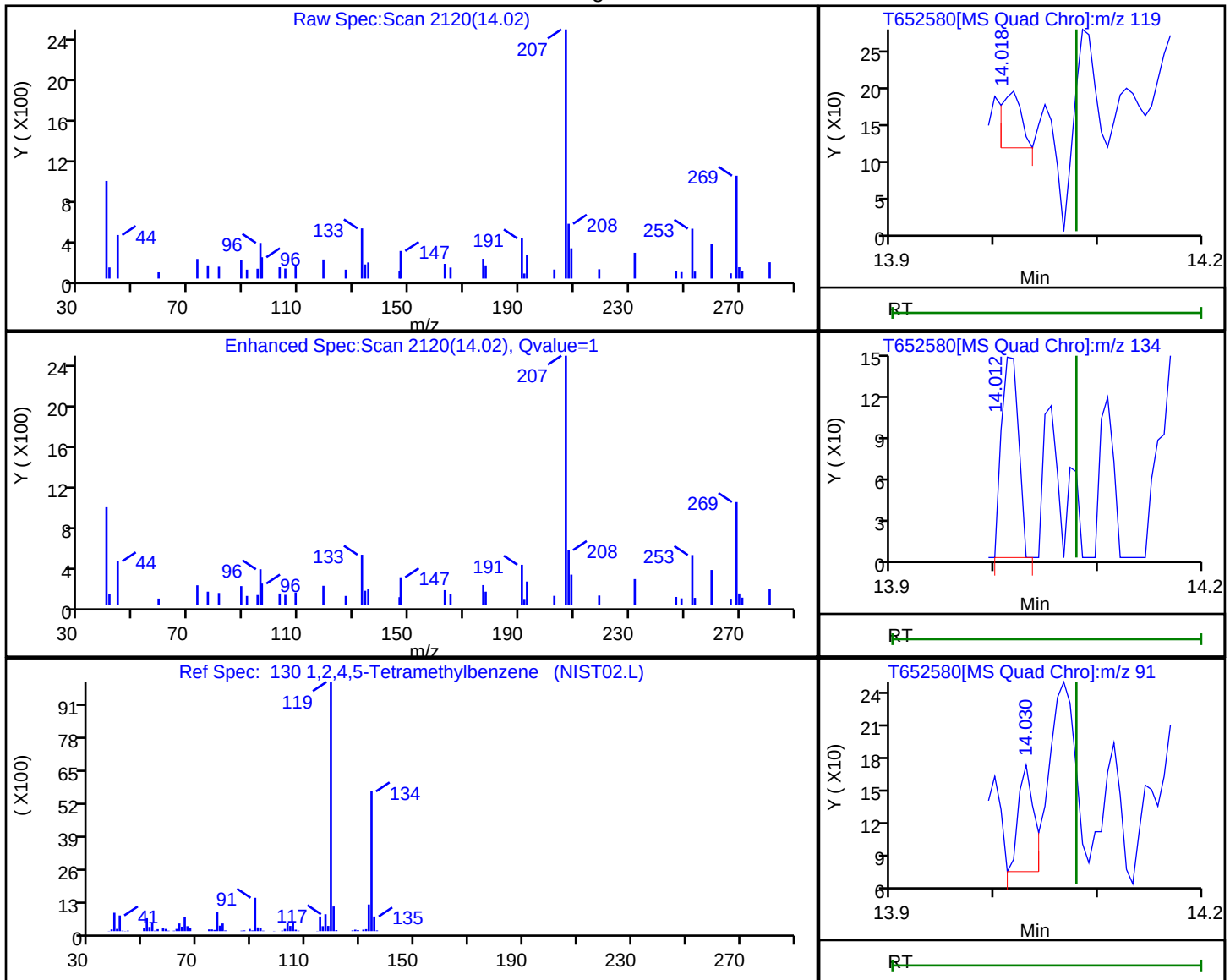
Column: DB-624 (0.18 mm)

Detector

MS Quad

130 1,2,4,5-Tetramethylbenzene, CAS: 95-93-2

Processing Results



RT	Mass	Response	Amount
14.02	119.00	99	0.008142
14.01	134.00	161	
14.03	91.00	101	

Reviewer: W9CM, 15-Sep-2022 19:51:42

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652580.D

Injection Date: 14-Sep-2022 18:47:19

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_15

Limit Group:

VOA - 8260D Water and Solid

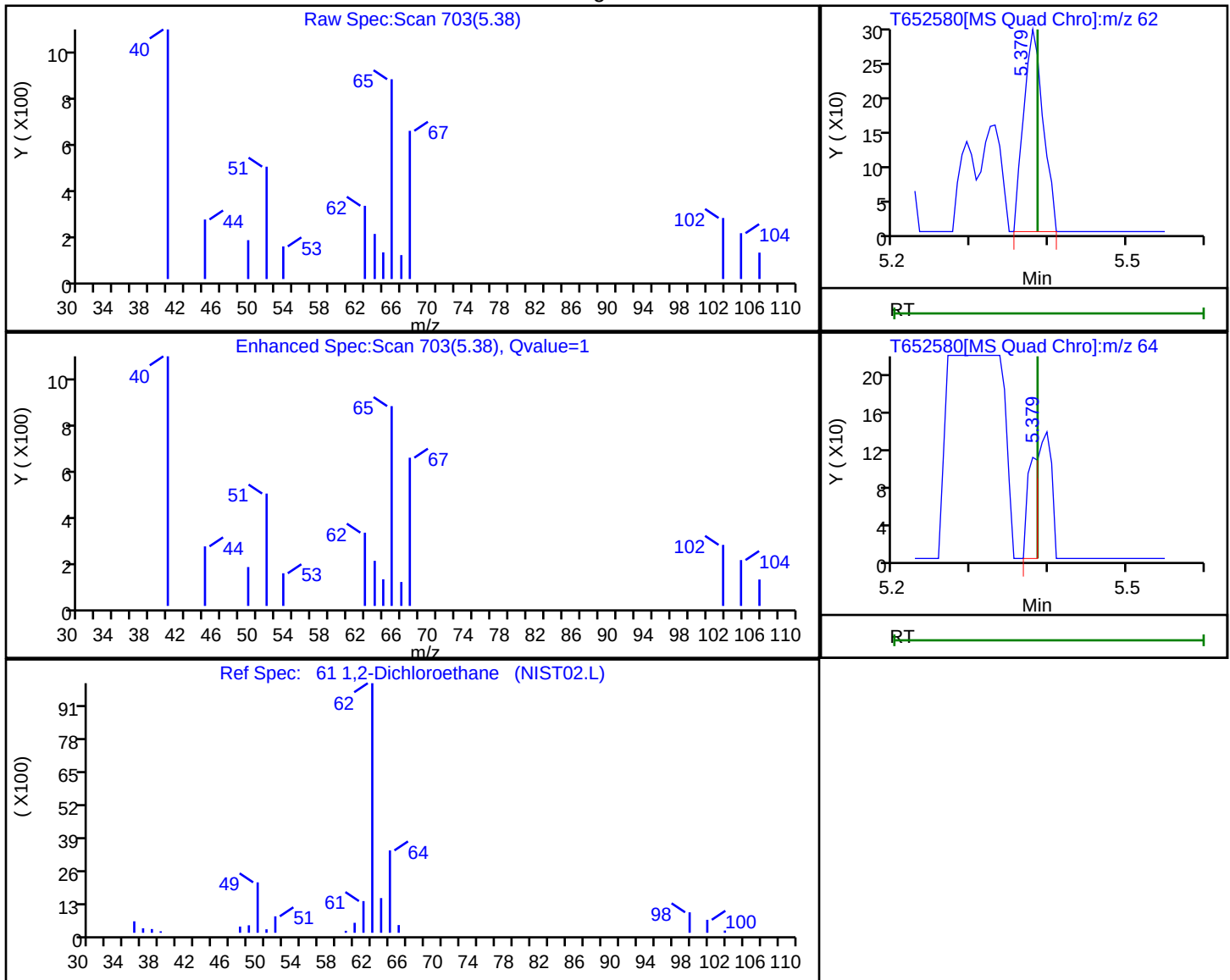
Column: DB-624 (0.18 mm)

Detector

MS Quad

61 1,2-Dichloroethane, CAS: 107-06-2

Processing Results



RT	Mass	Response	Amount
5.38	62.00	514	0.084772
5.38	64.00	110	

Reviewer: W9CM, 15-Sep-2022 19:51:23

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652580.D

Injection Date: 14-Sep-2022 18:47:19

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_15

Limit Group:

VOA - 8260D Water and Solid

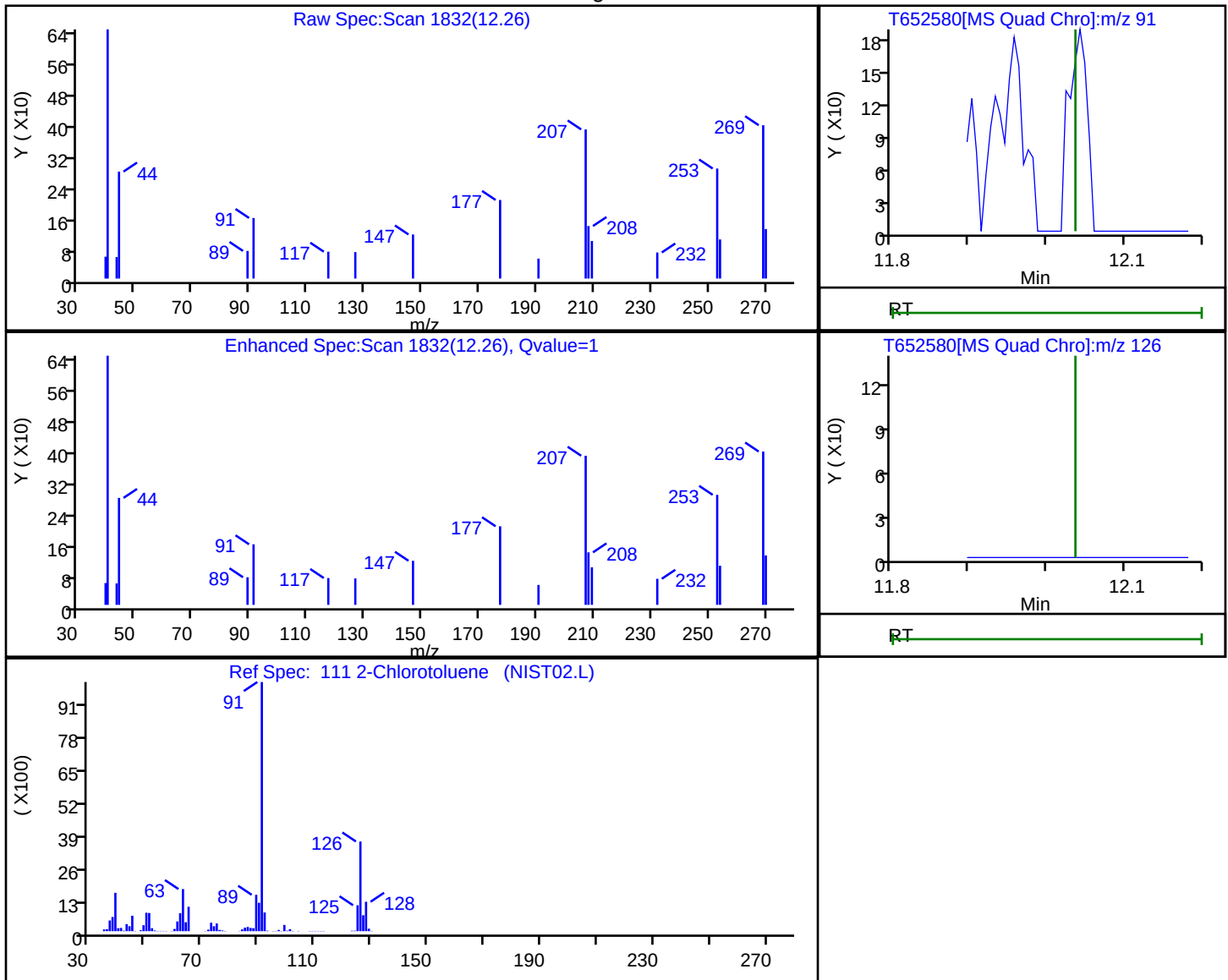
Column: DB-624 (0.18 mm)

Detector

MS Quad

111 2-Chlorotoluene, CAS: 95-49-8

Processing Results



RT	Mass	Response	Amount
12.26	91.00	225	0.013924
12.26	126.00	48	

Reviewer: W9CM, 15-Sep-2022 19:51:36

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652580.D

Injection Date: 14-Sep-2022 18:47:19

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_15

Limit Group:

VOA - 8260D Water and Solid

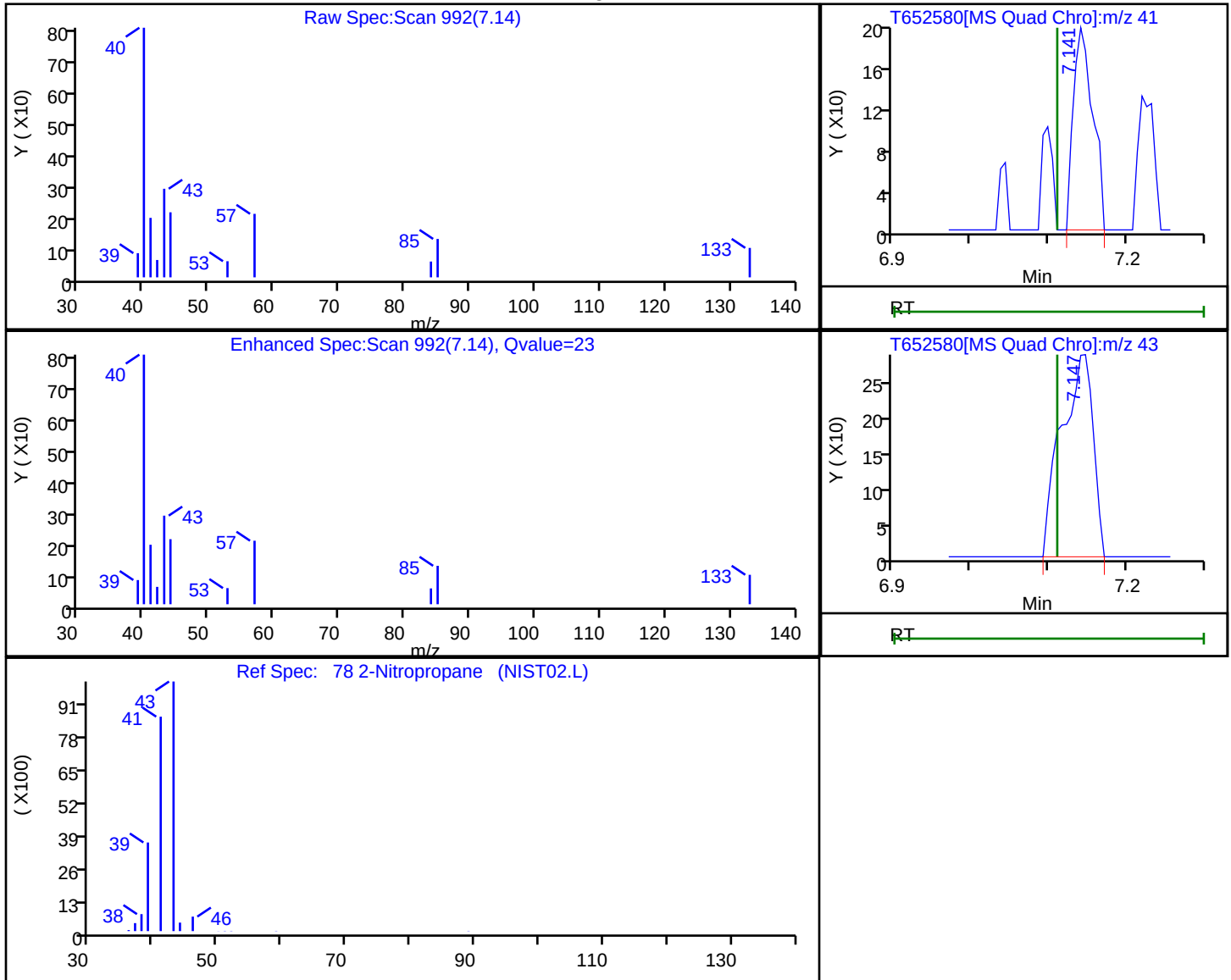
Column: DB-624 (0.18 mm)

Detector

MS Quad

78 2-Nitropropane, CAS: 79-46-9

Processing Results



RT	Mass	Response	Amount
7.14	41.00	335	-0.168216
7.15	43.00	812	

Reviewer: W9CM, 15-Sep-2022 19:51:27

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652580.D

Injection Date: 14-Sep-2022 18:47:19

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

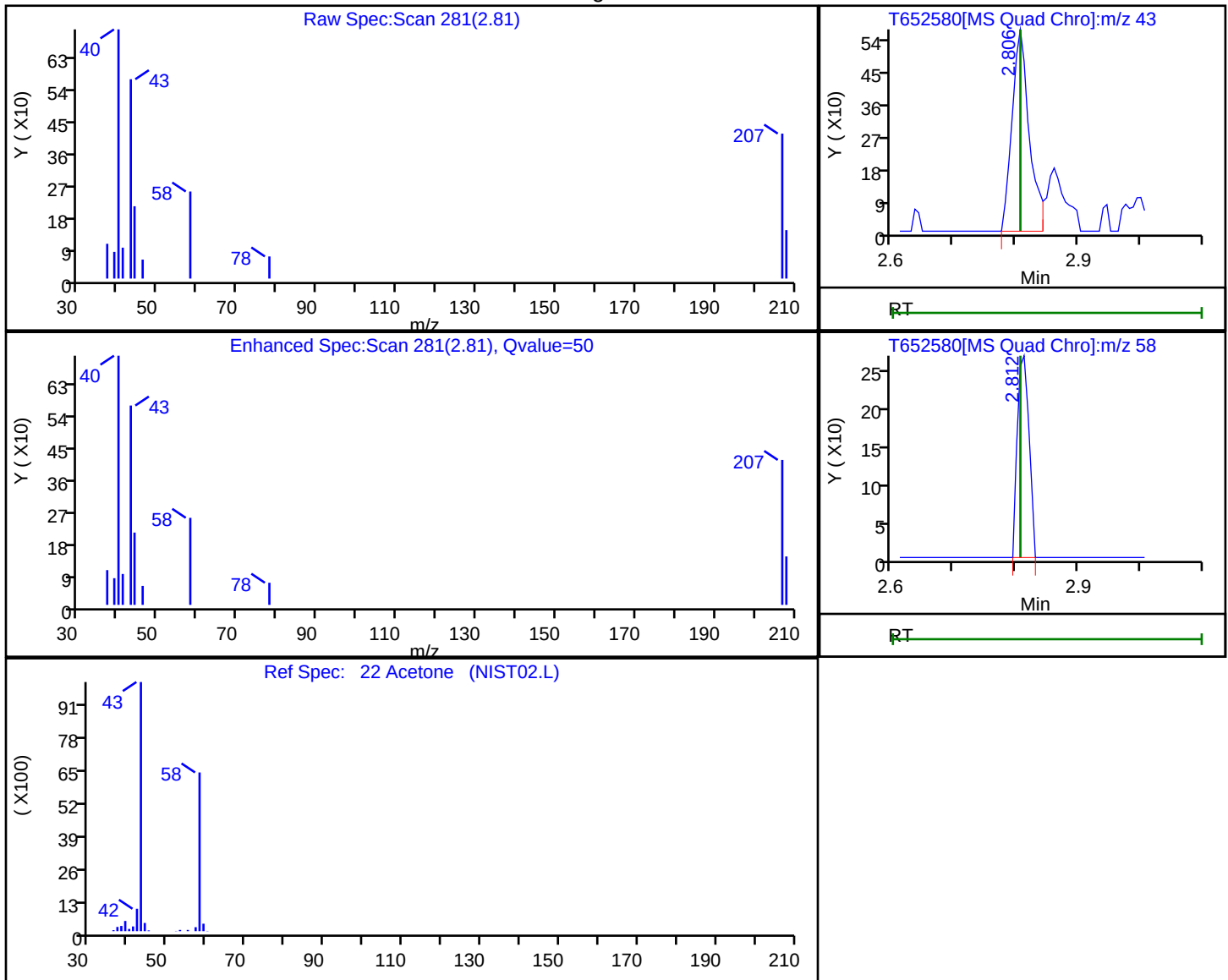
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

22 Acetone, CAS: 67-64-1

Processing Results



RT	Mass	Response	Amount
2.81	43.00	1100	1.007760
2.81	58.00	345	

Reviewer: W9CM, 15-Sep-2022 19:51:15

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652580.D

Injection Date: 14-Sep-2022 18:47:19

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_15

Limit Group:

VOA - 8260D Water and Solid

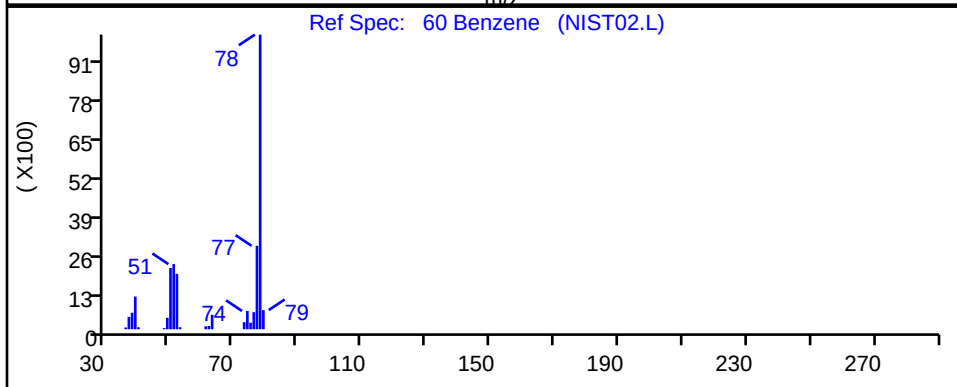
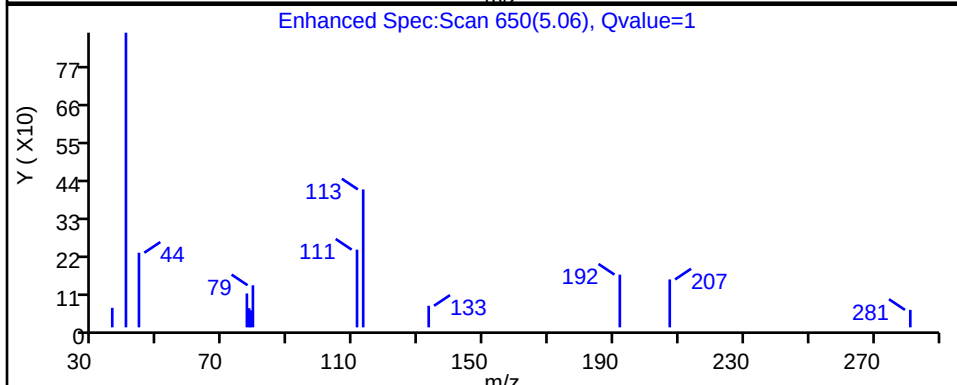
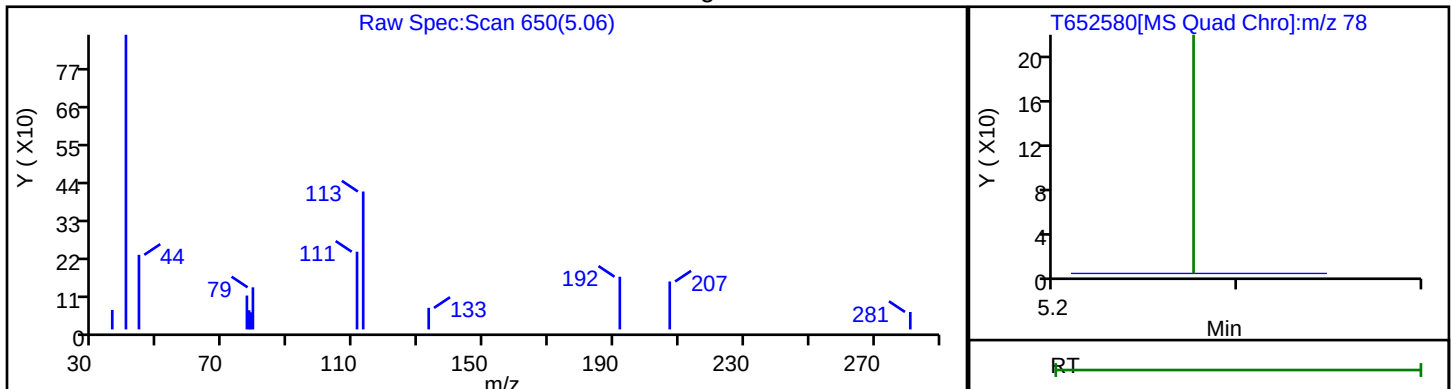
Column: DB-624 (0.18 mm)

Detector

MS Quad

60 Benzene, CAS: 71-43-2

Processing Results



RT	Mass	Response	Amount
5.06	78.00	77	0.004055

Reviewer: W9CM, 15-Sep-2022 19:51:22

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652580.D

Injection Date: 14-Sep-2022 18:47:19

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_15

Limit Group:

VOA - 8260D Water and Solid

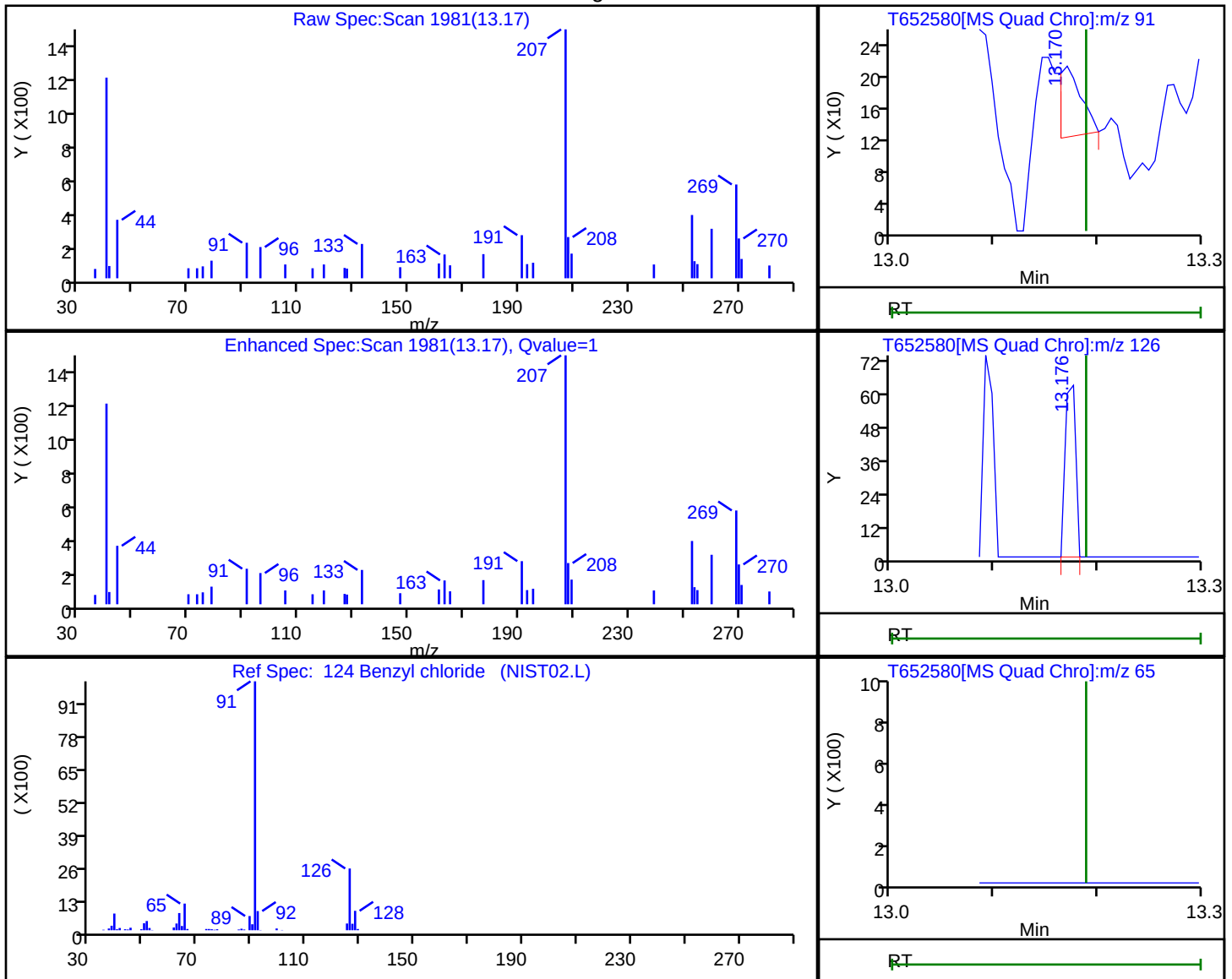
Column: DB-624 (0.18 mm)

Detector

MS Quad

124 Benzyl chloride, CAS: 100-44-7

Processing Results



RT	Mass	Response	Amount
13.17	91.00	127	0.012804
13.18	126.00	45	
13.19	65.00	0	

Reviewer: W9CM, 15-Sep-2022 19:51:39

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652580.D

Injection Date: 14-Sep-2022 18:47:19

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

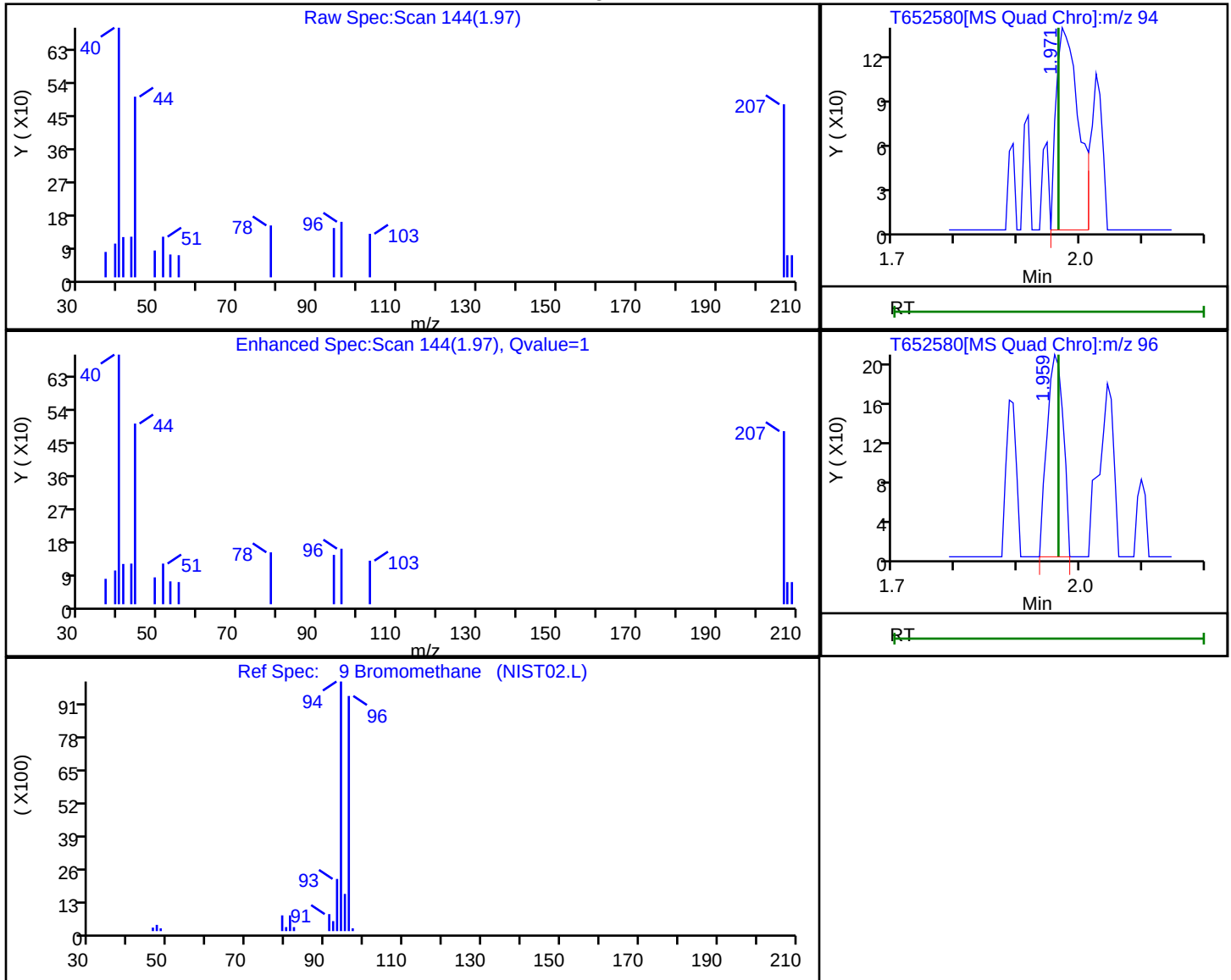
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

9 Bromomethane, CAS: 74-83-9

Processing Results



RT	Mass	Response	Amount
1.97	94.00	341	0.250000
1.96	96.00	380	

Reviewer: HVW2, 14-Sep-2022 19:13:34

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652580.D

Injection Date: 14-Sep-2022 18:47:19

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_15

Limit Group:

VOA - 8260D Water and Solid

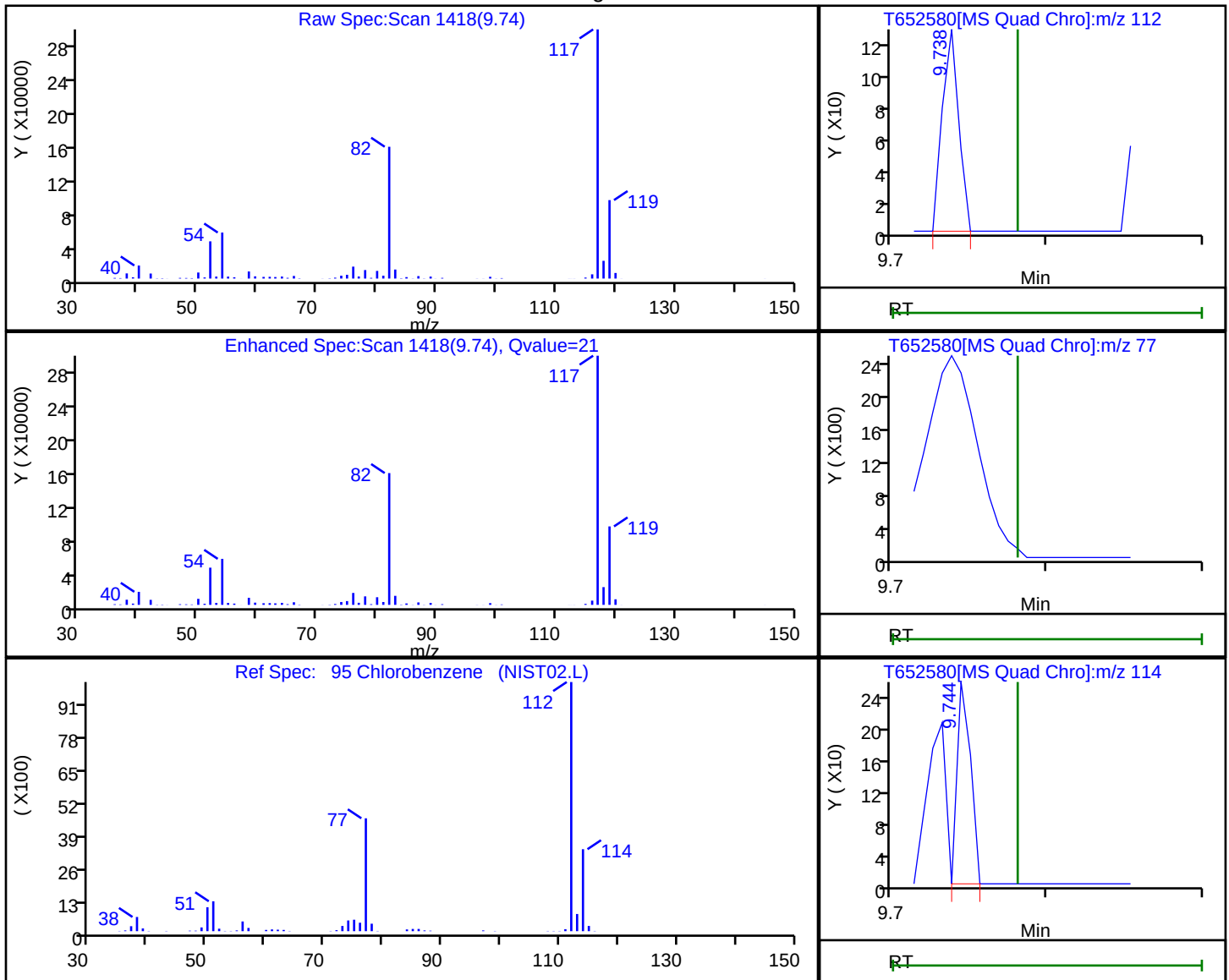
Column: DB-624 (0.18 mm)

Detector

MS Quad

95 Chlorobenzene, CAS: 108-90-7

Processing Results



RT	Mass	Response	Amount
9.74	112.00	91	0.006762
9.74	77.00	5865	
9.74	114.00	152	

Reviewer: W9CM, 15-Sep-2022 19:51:34

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652580.D

Injection Date: 14-Sep-2022 18:47:19

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_15

Limit Group:

VOA - 8260D Water and Solid

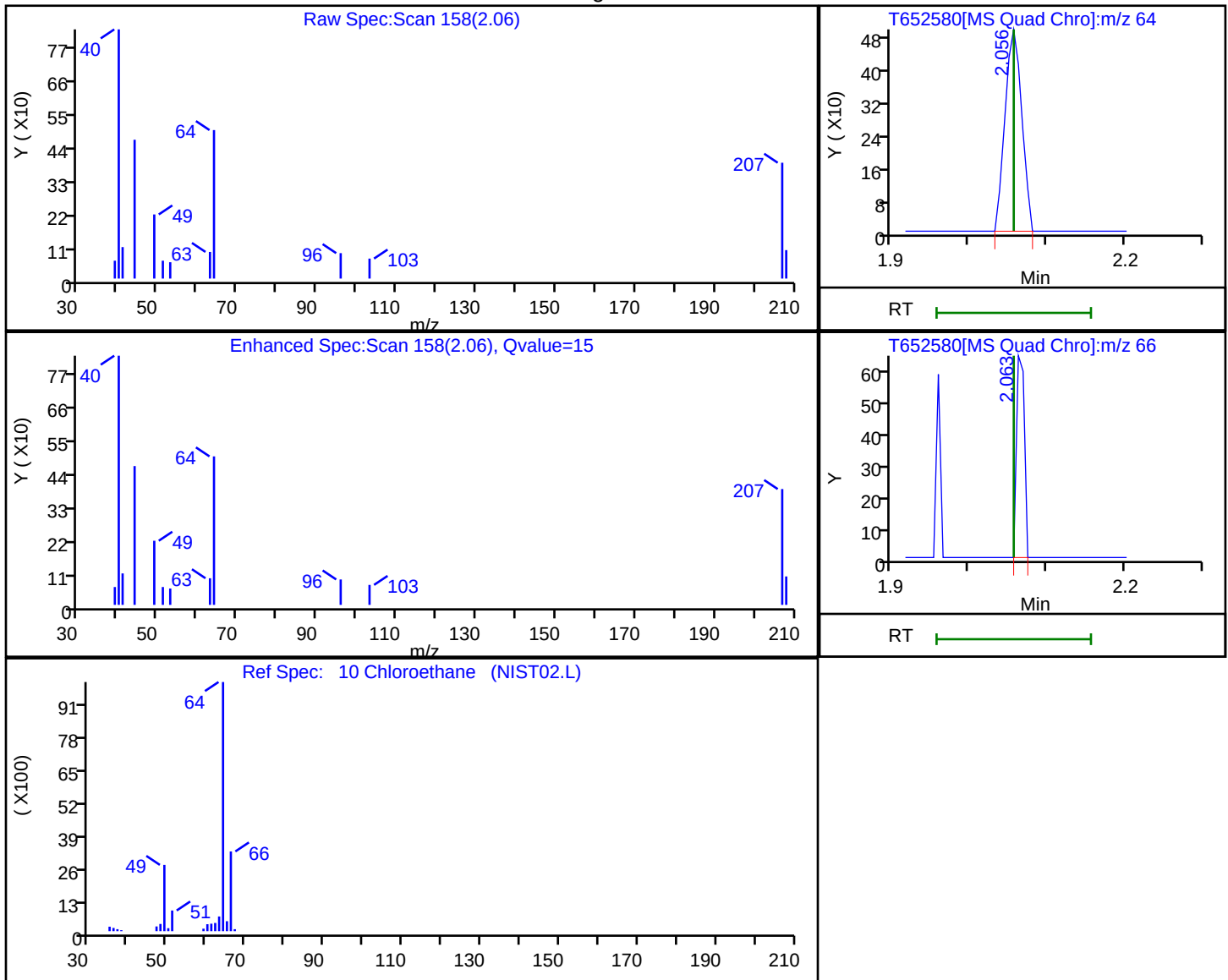
Column: DB-624 (0.18 mm)

Detector

MS Quad

10 Chloroethane, CAS: 75-00-3

Processing Results



RT	Mass	Response	Amount
2.06	64.00	738	0.250000
2.06	66.00	46	

Reviewer: HVW2, 14-Sep-2022 19:13:35

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652580.D

Injection Date: 14-Sep-2022 18:47:19

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_15

Limit Group:

VOA - 8260D Water and Solid

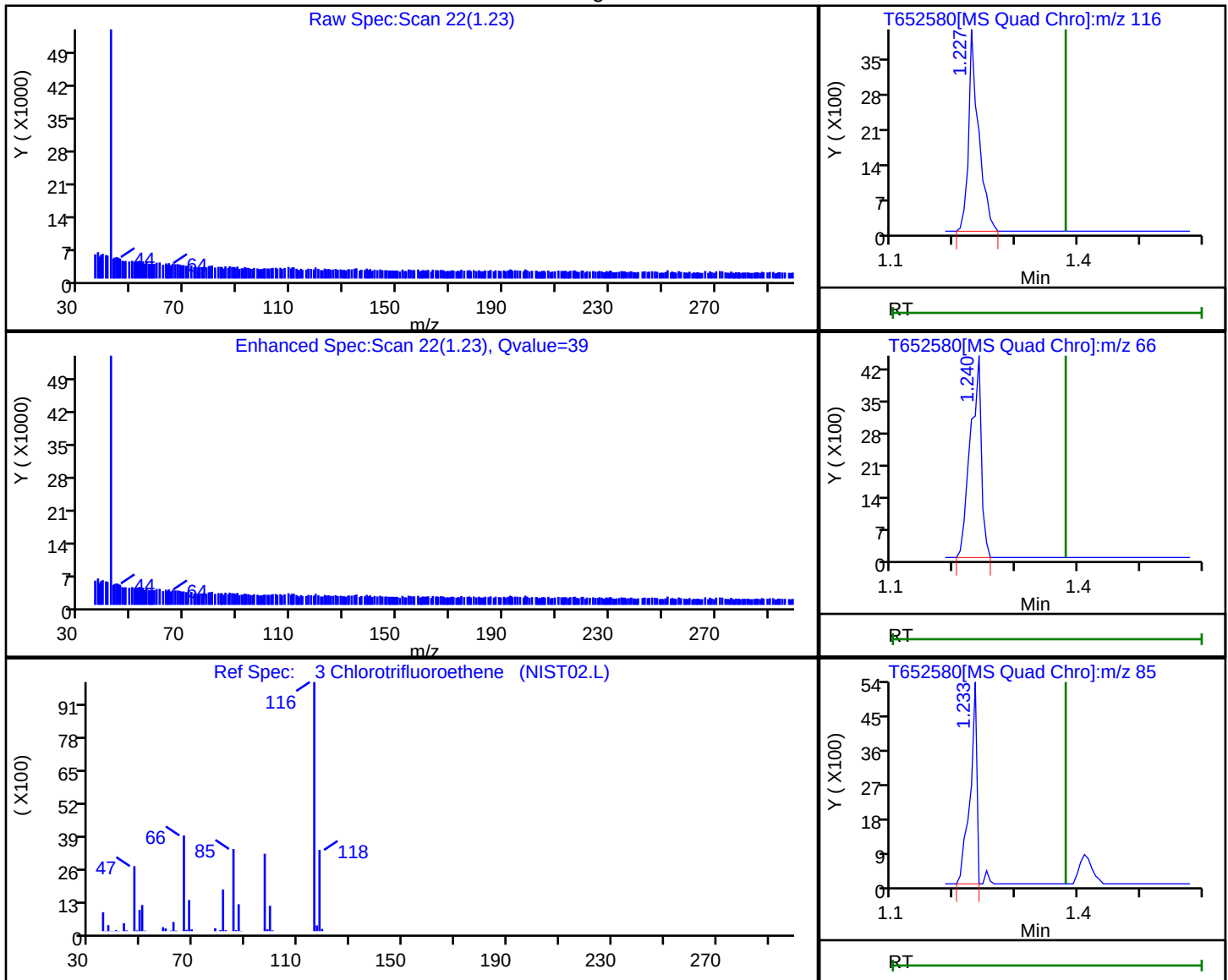
Column: DB-624 (0.18 mm)

Detector

MS Quad

3 Chlorotrifluoroethene, CAS: 79-38-9

Processing Results



RT	Mass	Response	Amount
1.23	116.00	4518	2.098396
1.24	66.00	5509	
1.23	85.00	4006	
1.23	118.00	5351	

Reviewer: W9CM, 15-Sep-2022 19:51:10

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652580.D

Injection Date: 14-Sep-2022 18:47:19

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_15

Limit Group:

VOA - 8260D Water and Solid

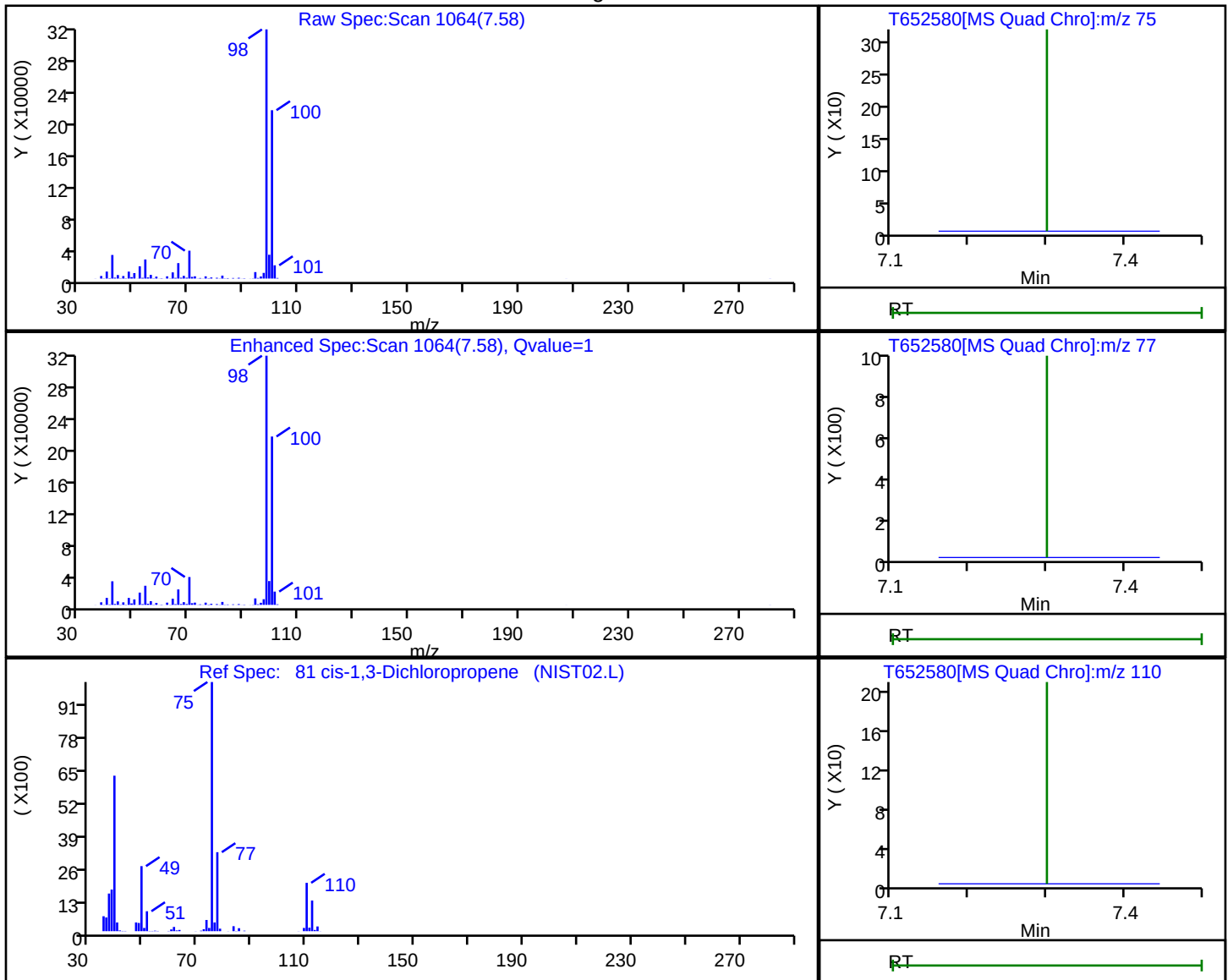
Column: DB-624 (0.18 mm)

Detector

MS Quad

81 cis-1,3-Dichloropropene, CAS: 10061-01-5

Processing Results



RT	Mass	Response	Amount
7.58	75.00	292	0.034811
7.58	77.00	689	
7.59	110.00	96	

Reviewer: W9CM, 15-Sep-2022 19:51:29

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652580.D

Injection Date: 14-Sep-2022 18:47:19

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_15

Limit Group:

VOA - 8260D Water and Solid

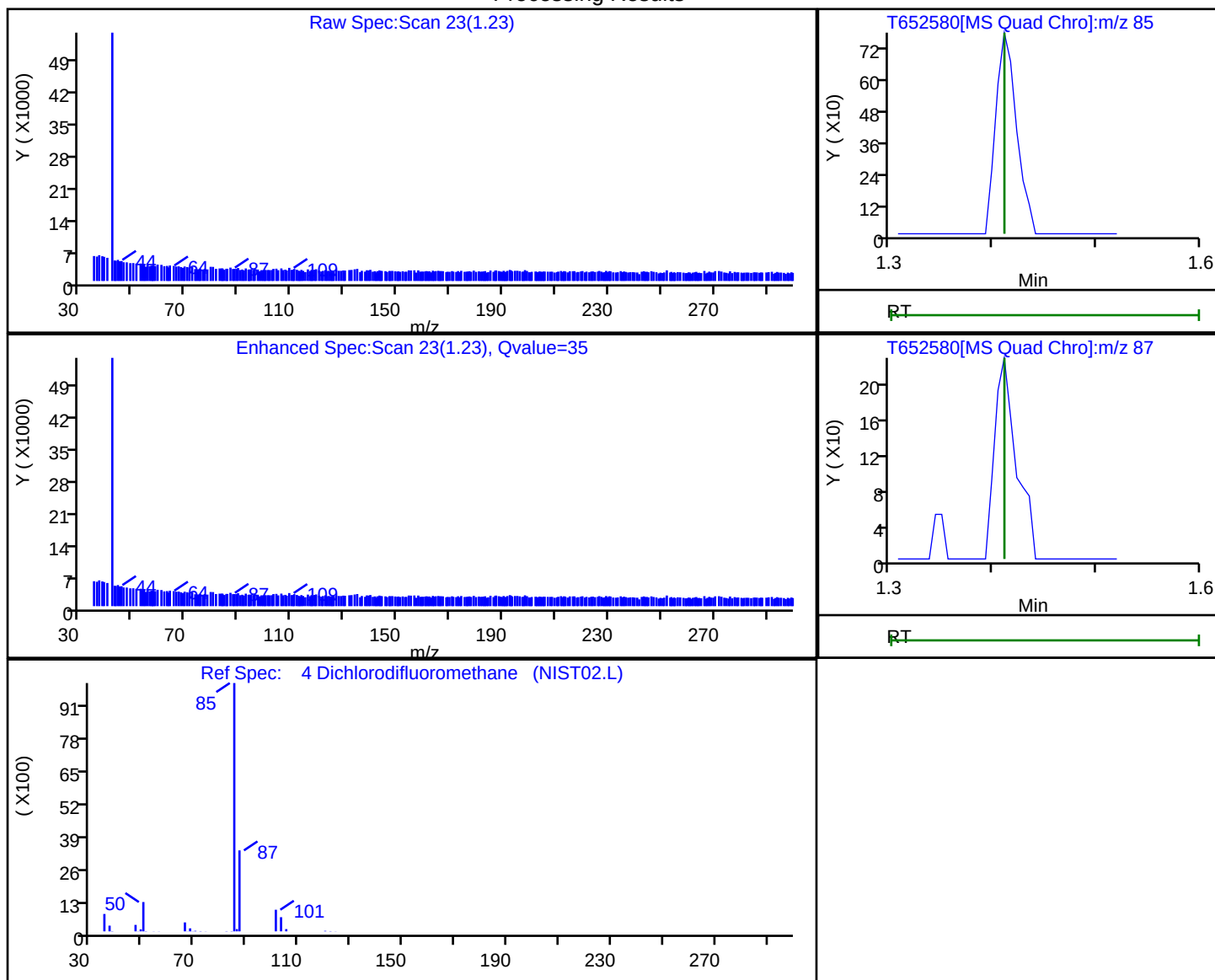
Column: DB-624 (0.18 mm)

Detector

MS Quad

4 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
1.23	85.00	4006	0.750030
1.23	87.00	4327	

Reviewer: W9CM, 14-Sep-2022 20:46:28

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652580.D

Injection Date: 14-Sep-2022 18:47:19

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_15

Limit Group:

VOA - 8260D Water and Solid

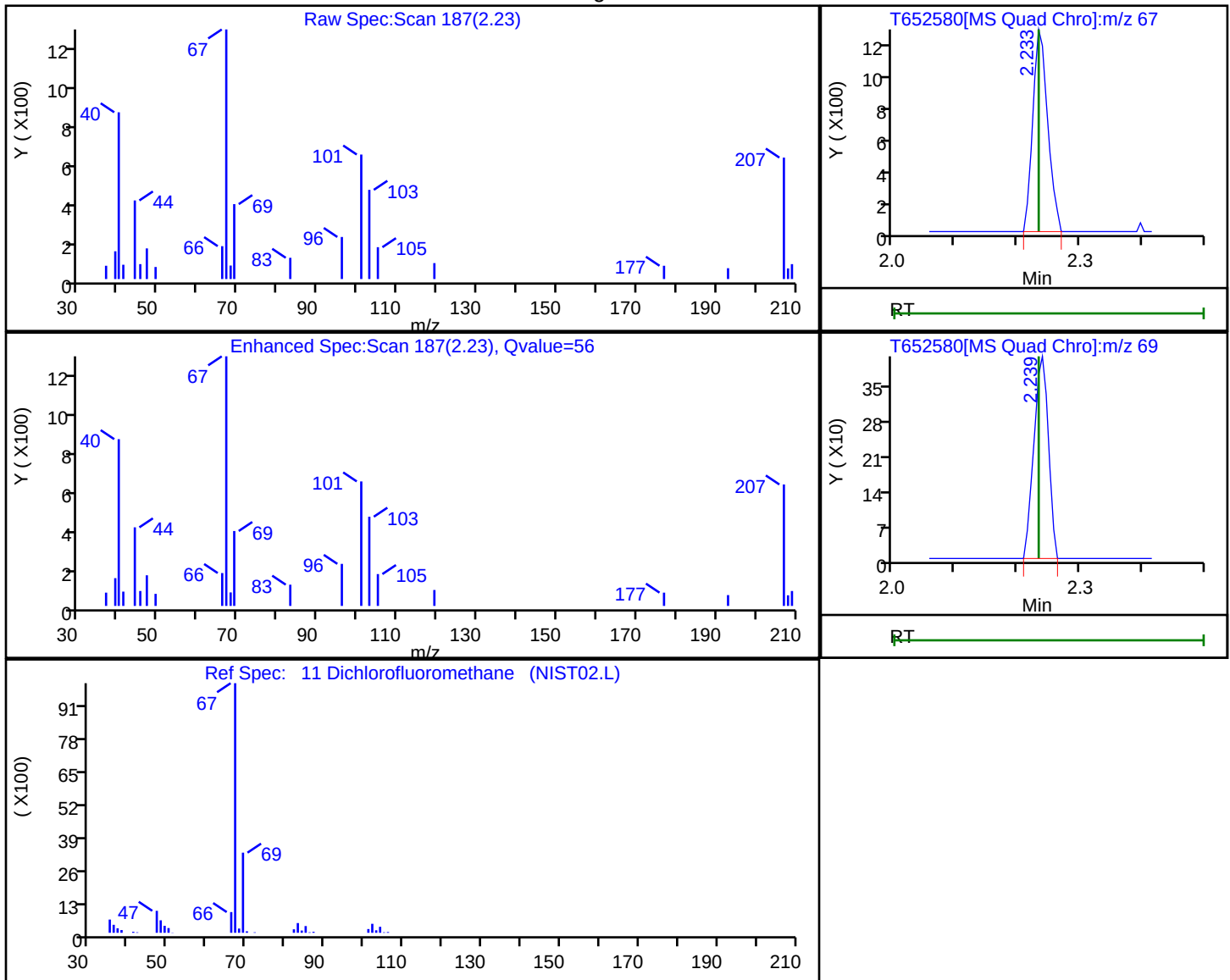
Column: DB-624 (0.18 mm)

Detector

MS Quad

11 Dichlorofluoromethane, CAS: 75-43-4

Processing Results



RT	Mass	Response	Amount
2.23	67.00	2048	0.244451
2.24	69.00	659	

Reviewer: W9CM, 15-Sep-2022 19:51:13

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652580.D

Injection Date: 14-Sep-2022 18:47:19

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

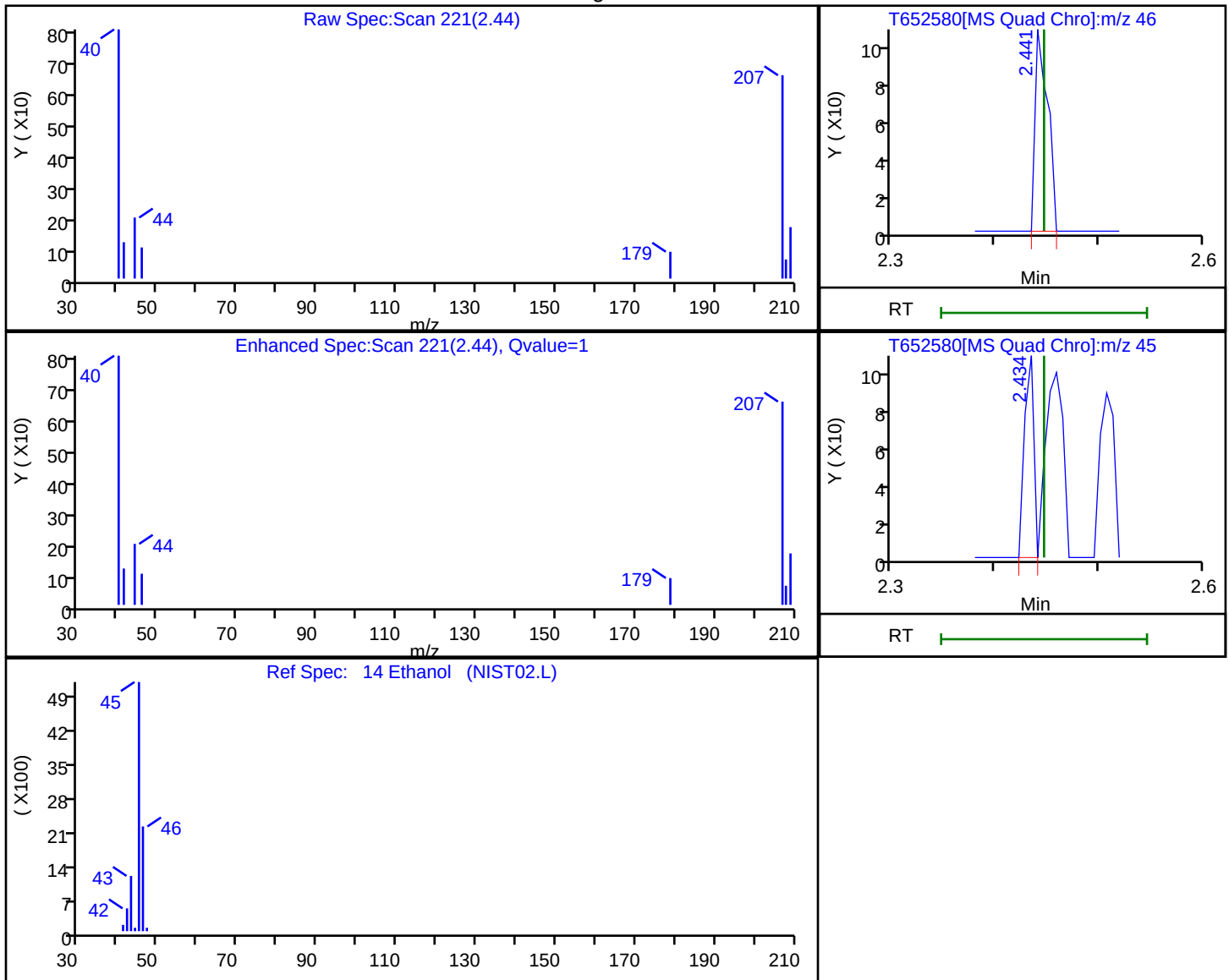
Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

14 Ethanol, CAS: 64-17-5

Processing Results



RT	Mass	Response	Amount
2.44	46.00	85	5.549407
2.43	45.00	68	

Reviewer: W9CM, 15-Sep-2022 19:51:13

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652580.D

Injection Date: 14-Sep-2022 18:47:19

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_15

Limit Group:

VOA - 8260D Water and Solid

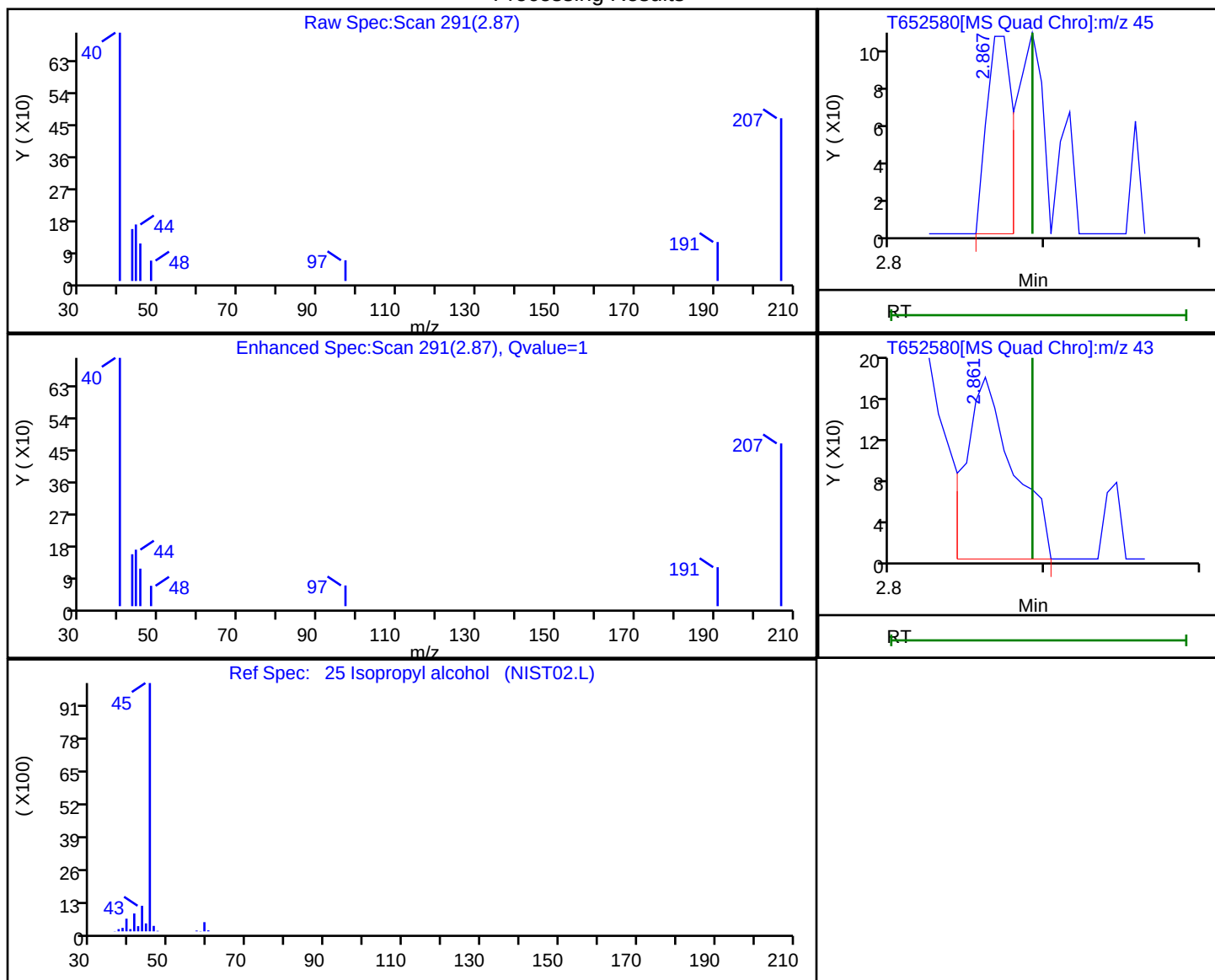
Column: DB-624 (0.18 mm)

Detector

MS Quad

25 Isopropyl alcohol, CAS: 67-63-0

Processing Results



RT	Mass	Response	Amount
2.87	45.00	124	0.608253
2.86	43.00	383	

Reviewer: W9CM, 15-Sep-2022 19:51:16

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652580.D

Injection Date: 14-Sep-2022 18:47:19

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_15

Limit Group:

VOA - 8260D Water and Solid

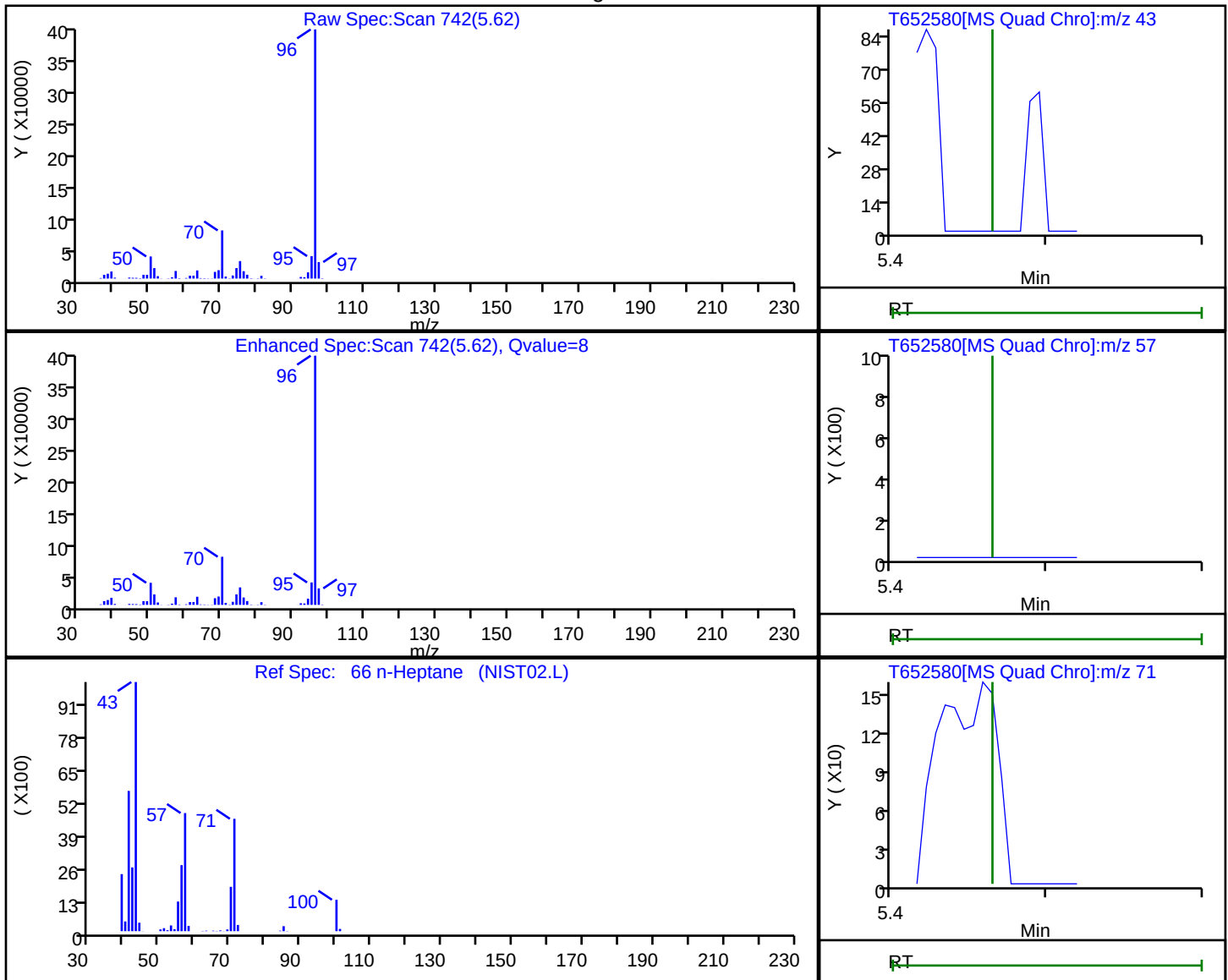
Column: DB-624 (0.18 mm)

Detector

MS Quad

66 n-Heptane, CAS: 142-82-5

Processing Results



RT	Mass	Response	Amount
5.62	43.00	48	0.012370
5.62	57.00	27572	
5.61	71.00	7639	

Reviewer: W9CM, 15-Sep-2022 19:51:24

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652580.D

Injection Date: 14-Sep-2022 18:47:19

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_15

Limit Group:

VOA - 8260D Water and Solid

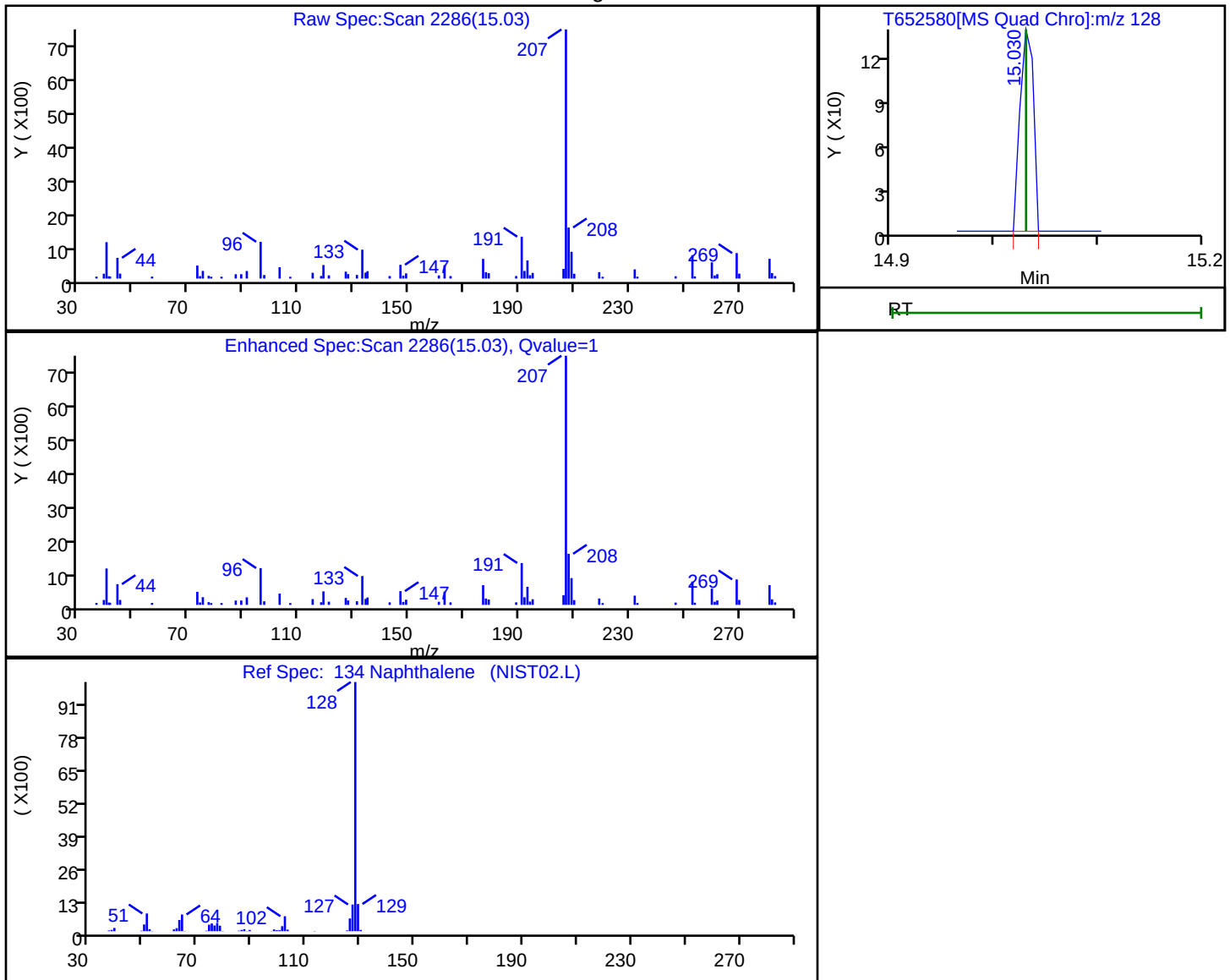
Column: DB-624 (0.18 mm)

Detector

MS Quad

134 Naphthalene, CAS: 91-20-3

Processing Results



RT	Mass	Response	Amount
15.03	128.00	119	0.012337

Reviewer: W9CM, 15-Sep-2022 19:51:44

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652580.D

Injection Date: 14-Sep-2022 18:47:19

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_15

Limit Group:

VOA - 8260D Water and Solid

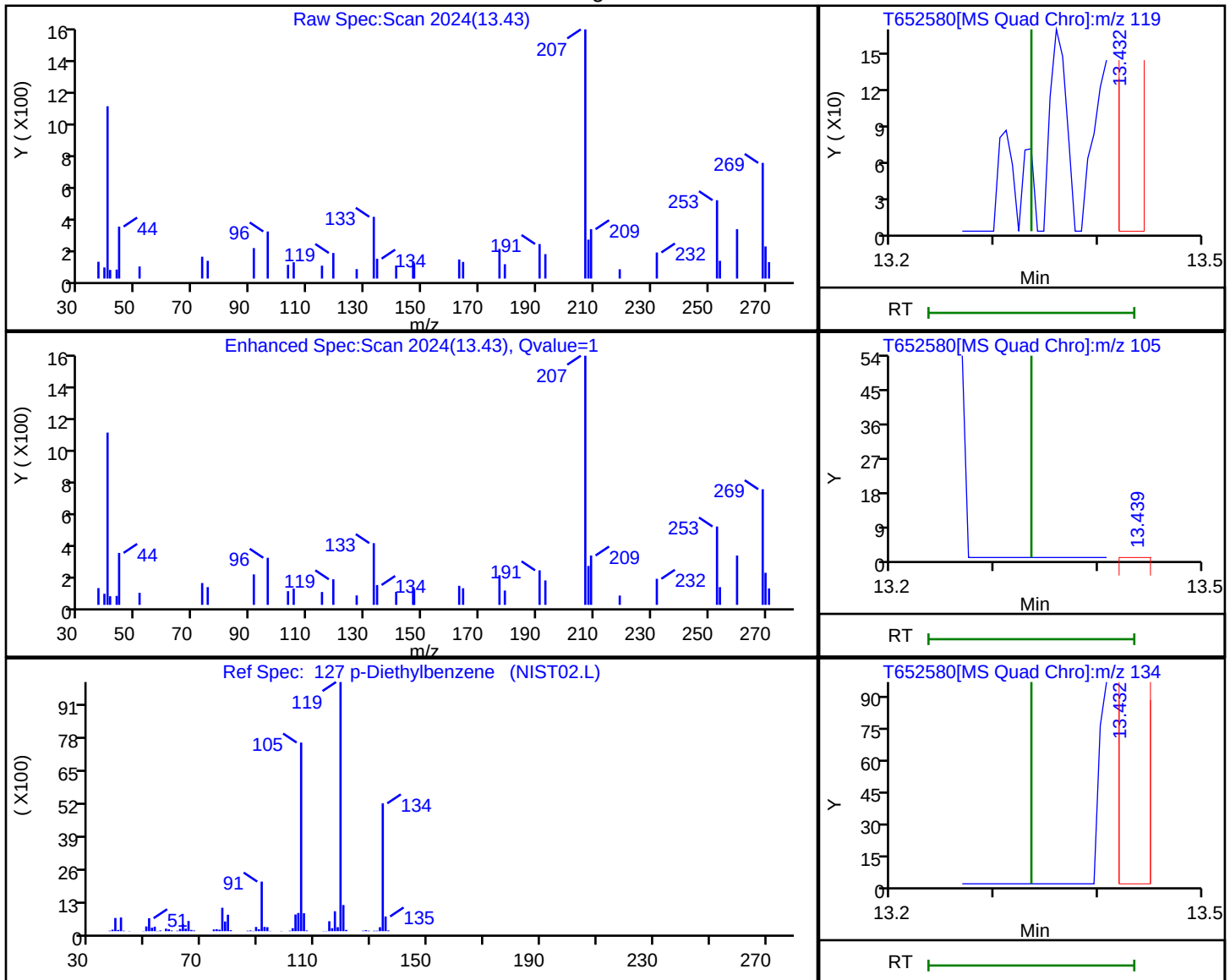
Column: DB-624 (0.18 mm)

Detector

MS Quad

127 p-Diethylbenzene, CAS: 105-05-5

Processing Results



RT	Mass	Response	Amount
13.43	119.00	196	0.025447
13.44	105.00	117	
13.43	134.00	155	

Reviewer: W9CM, 15-Sep-2022 19:51:41

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652580.D

Injection Date: 14-Sep-2022 18:47:19

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_15

Limit Group:

VOA - 8260D Water and Solid

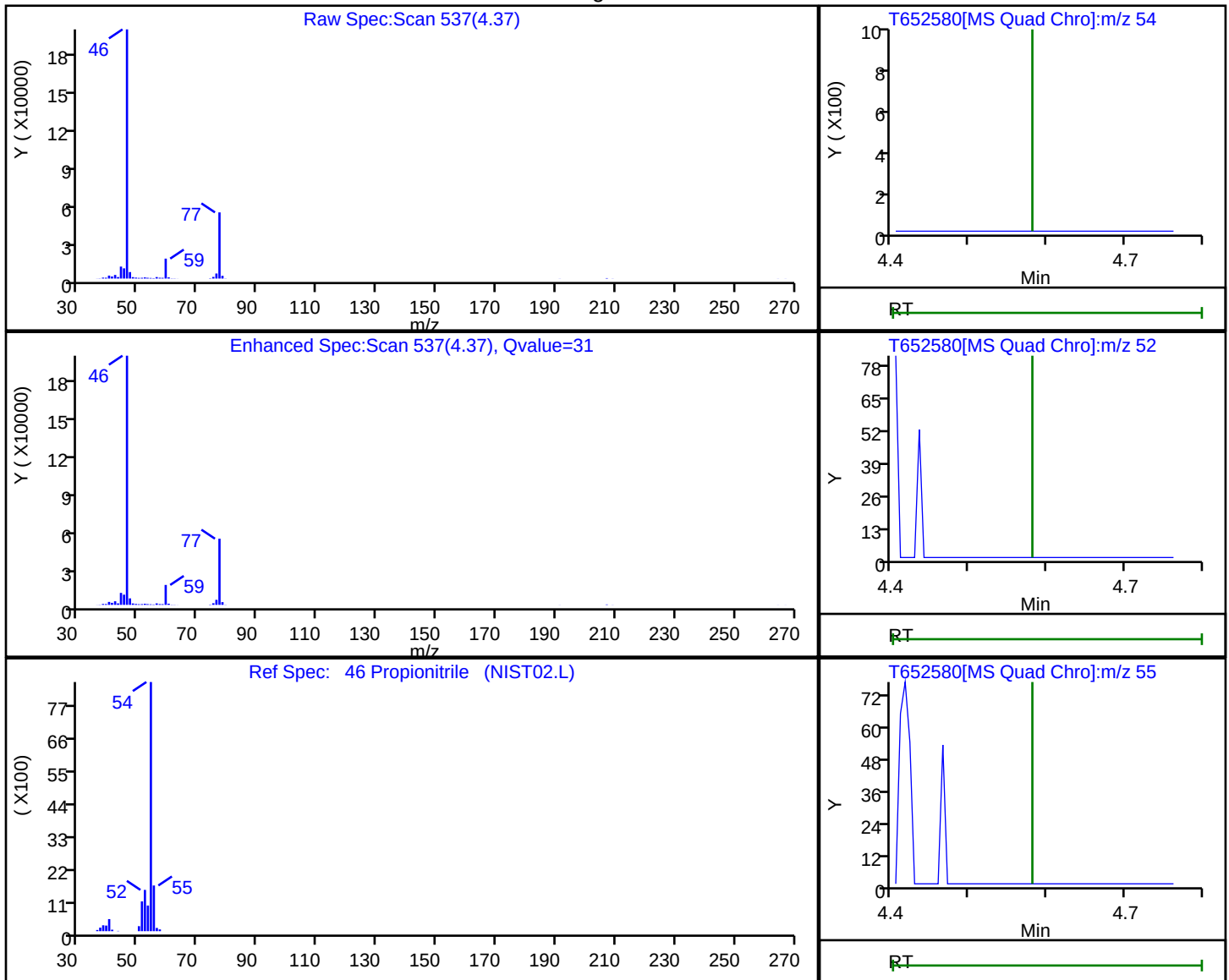
Column: DB-624 (0.18 mm)

Detector

MS Quad

46 Propionitrile, CAS: 107-12-0

Processing Results



RT	Mass	Response	Amount
4.37	54.00	951	1.841553
4.37	52.00	1704	
4.36	55.00	619	

Reviewer: W9CM, 15-Sep-2022 19:51:21

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652580.D

Injection Date: 14-Sep-2022 18:47:19

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_15

Limit Group:

VOA - 8260D Water and Solid

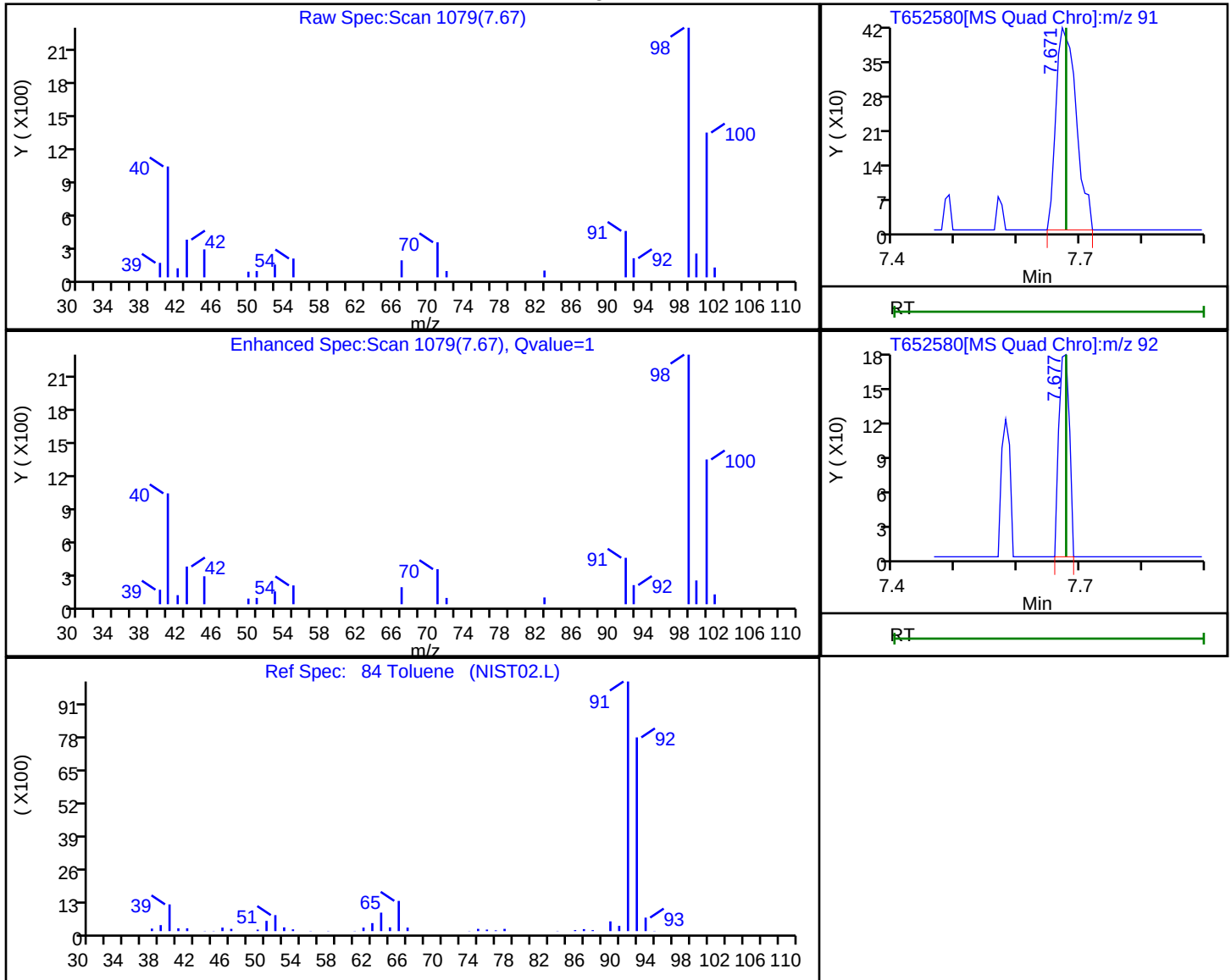
Column: DB-624 (0.18 mm)

Detector

MS Quad

84 Toluene, CAS: 108-88-3

Processing Results



RT	Mass	Response	Amount
7.67	91.00	953	0.045424
7.68	92.00	207	

Reviewer: W9CM, 15-Sep-2022 19:51:31

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652580.D

Injection Date: 14-Sep-2022 18:47:19

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_15

Limit Group:

VOA - 8260D Water and Solid

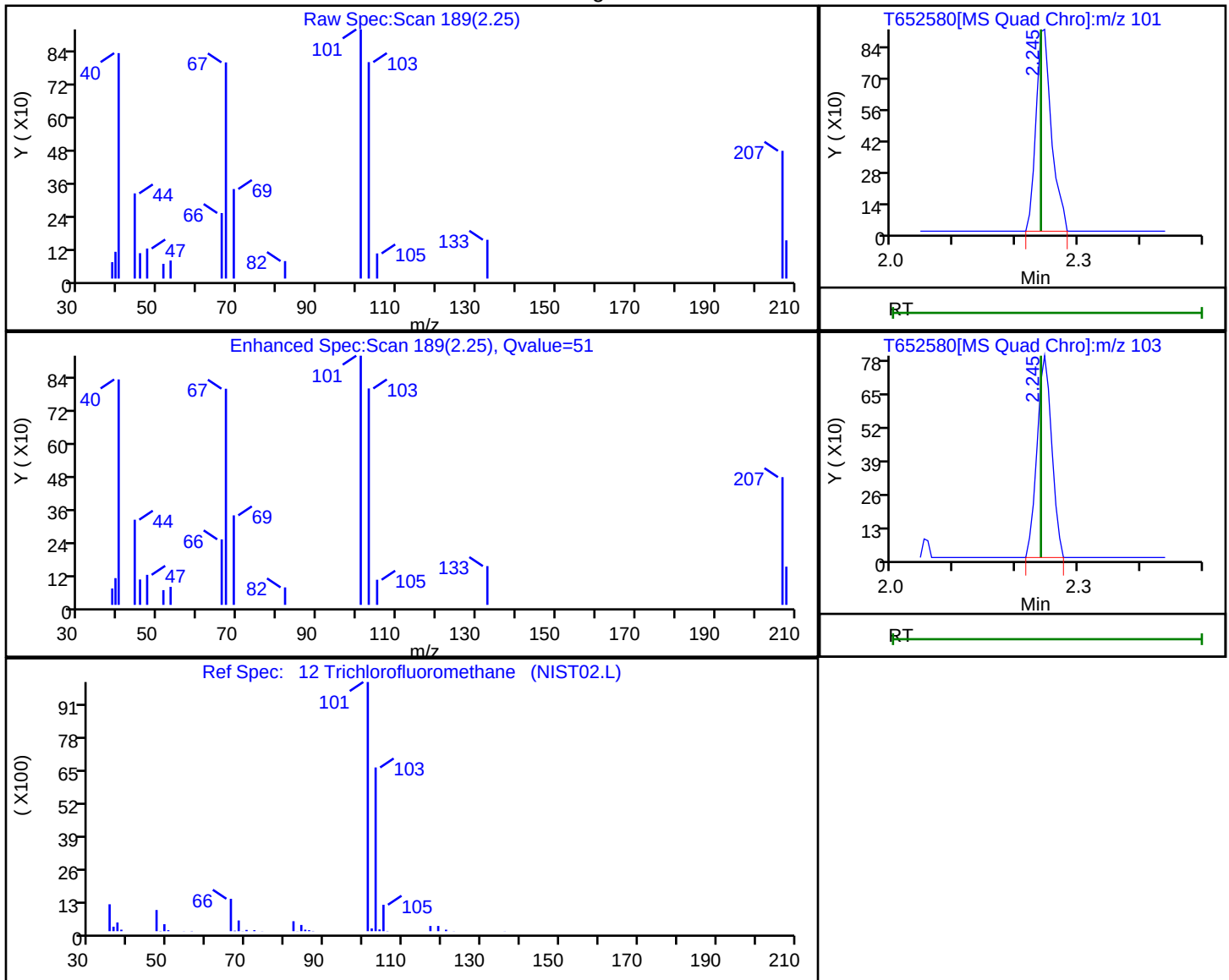
Column: DB-624 (0.18 mm)

Detector

MS Quad

12 Trichlorofluoromethane, CAS: 75-69-4

Processing Results



RT	Mass	Response	Amount
2.25	101.00	1587	0.250000
2.25	103.00	1307	

Reviewer: HVW2, 14-Sep-2022 19:13:37

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652580.D

Injection Date: 14-Sep-2022 18:47:19

Instrument ID: CVOAMS15

Lims ID: STD8

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 3

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_15

Limit Group:

VOA - 8260D Water and Solid

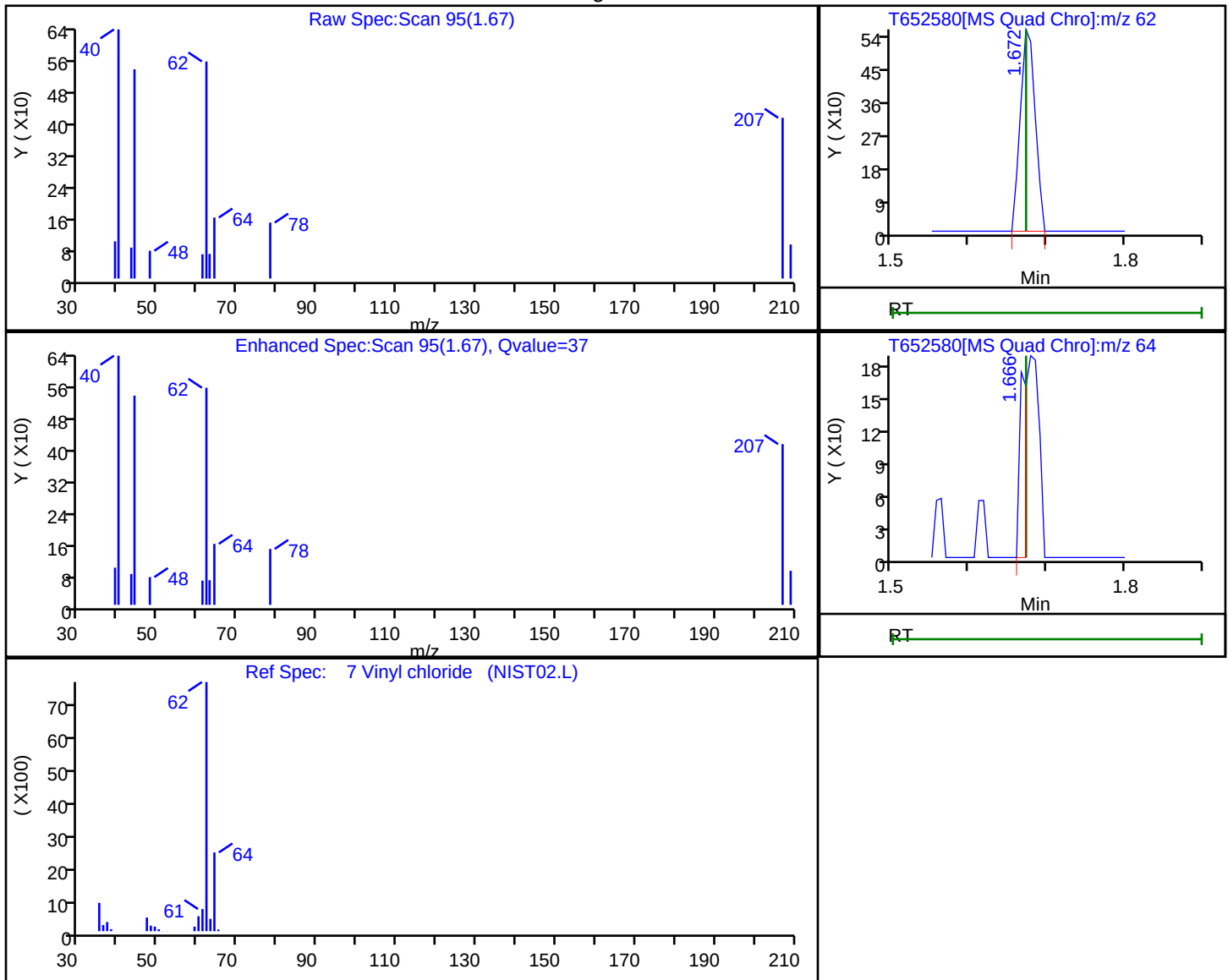
Column: DB-624 (0.18 mm)

Detector

MS Quad

7 Vinyl chloride, CAS: 75-01-4

Processing Results



RT	Mass	Response	Amount
1.67	62.00	742	0.250000
1.67	64.00	119	

Reviewer: HVW2, 14-Sep-2022 19:13:30

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652581.D
 Lims ID: STD05
 Client ID:
 Sample Type: IC Calib Level: 1
 Inject. Date: 14-Sep-2022 19:14:33 ALS Bottle#: 0 Worklist Smp#: 4
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD05
 Misc. Info.: 460-0150379-004
 Operator ID: Instrument ID: CVOAMS15
 Sublist: chrom-8260W_15*sub18
 Method: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\8260W_15.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 15-Sep-2022 20:41:34 Calib Date: 14-Sep-2022 21:22:51
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652587.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1674

First Level Reviewer: HVW2

Date: 14-Sep-2022 23:33:57

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Chlorotrifluoroethene	116	1.380	1.380	0.000	1	378	0.5000	0.5948	a
2 1,1-Difluoroethane	65	1.392	1.392	0.000	57	1075	0.5000	0.9173	
4 Dichlorodifluoromethane	85	1.410	1.410	0.000	56	1765	0.5000	0.4335	
5 Chlorodifluoromethane	67	1.435	1.435	0.000	60	276	0.5000	0.4969	
6 Chloromethane	50	1.581	1.587	-0.006	64	1413	0.5000	0.4982	
7 Vinyl chloride	62	1.673	1.672	0.001	23	1509	0.5000	0.5406	
8 Butadiene	54	1.703	1.703	0.000	77	1644	0.5000	0.5901	
9 Bromomethane	94	1.971	1.965	0.006	56	635	0.5000	0.5746	
10 Chloroethane	64	2.057	2.057	0.000	56	1447	0.5000	0.6758	
11 Dichlorofluoromethane	67	2.233	2.233	0.000	73	3538	0.5000	0.5500	
12 Trichlorofluoromethane	101	2.246	2.239	0.007	61	2986	0.5000	0.5349	
13 Pentane	72	2.288	2.288	0.000	86	284	1.00	1.00	
14 Ethanol	46	2.471	2.447	0.024	6	188	20.0	16.9	
15 Ethyl ether	59	2.496	2.496	0.000	83	1558	0.5000	0.5907	
17 2-Methyl-1,3-butadiene	53	2.514	2.514	0.000	68	1468	0.5000	0.5126	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.538	2.538	0.000	54	1681	0.5000	0.5561	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.599	2.599	0.000	56	3240	0.5000	0.5978	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.666	2.666	0.000	65	1669	0.5000	0.4733	
19 Acrolein	56	2.672	2.672	0.000	13	1181	2.00	2.56	
20 1,1-Dichloroethene	96	2.703	2.703	0.000	70	1703	0.5000	0.5198	
22 Acetone	43	2.806	2.806	0.000	68	3365	2.50	4.11	
23 Iodomethane	142	2.861	2.861	0.000	42	677	0.5000	0.1654	
25 Isopropyl alcohol	45	2.892	2.892	0.000	1	816	5.00	5.51	
24 Carbon disulfide	76	2.892	2.892	0.000	98	6146	0.5000	0.5581	
27 3-Chloro-1-propene	76	3.044	3.044	0.000	68	991	0.5000	0.4858	
29 Cyclopentene	67	3.063	3.062	0.000	79	4689	0.5000	0.5764	
28 Methyl acetate	43	3.063	3.062	0.000	47	2628	1.00	1.26	
26 Acetonitrile	41	3.123	3.123	0.000	64	3050	5.00	9.75	
* 31 TBA-d9 (IS)	66	3.166	3.166	0.000	97	41450	1000.0	1000.0	
30 Methylene Chloride	84	3.178	3.178	0.000	25	2736	0.5000	0.6716	

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	3.245	3.245	0.000	25	1293	5.00	5.21	
35 Methyl tert-butyl ether	73	3.355	3.355	0.000	91	4480	0.5000	0.5066	
34 trans-1,2-Dichloroethene	96	3.380	3.379	0.001	59	2466	0.5000	0.6292	
33 Acrylonitrile	53	3.471	3.471	0.000	92	5899	5.00	5.42	
36 Hexane	57	3.550	3.556	-0.006	79	1945	0.5000	0.4843	
40 Isopropyl ether	45	3.788	3.788	0.000	88	4774	0.5000	0.5011	
37 1,1-Dichloroethane	63	3.818	3.818	0.000	49	4324	0.5000	0.6326	
38 Vinyl acetate	86	3.837	3.843	-0.006	94	754	1.00	1.04	
39 2-Chloro-1,3-butadiene	88	3.873	3.867	0.006	43	1759	0.5000	0.5273	
41 Tert-butyl ethyl ether	59	4.142	4.142	0.000	75	4505	0.5000	0.4839	
* 42 2-Butanone-d5	46	4.367	4.367	0.000	71	325445	250.0	250.0	
44 2,2-Dichloropropane	97	4.373	4.367	0.006	41	959	0.5000	0.6376	
43 cis-1,2-Dichloroethene	96	4.398	4.398	0.000	28	2376	0.5000	0.5475	
45 2-Butanone (MEK)	72	4.428	4.428	0.000	93	984	2.50	2.76	
47 Ethyl acetate	70	4.440	4.434	0.006	81	335	1.00	0.9865	
48 Methyl acrylate	55	4.495	4.495	0.000	27	1135	0.5000	0.4380	
46 Propionitrile	54	4.587	4.580	0.007	84	2229	5.00	5.94	
49 Chlorobromomethane	128	4.654	4.654	0.000	57	1054	0.5000	0.5571	
51 Tetrahydrofuran	72	4.660	4.654	0.006	59	442	1.00	1.20	
50 Methacrylonitrile	67	4.696	4.696	0.000	85	6970	5.00	5.32	
52 Chloroform	83	4.715	4.715	0.000	72	4026	0.5000	0.5894	
55 Cyclohexane	84	4.855	4.849	0.006	74	2292	0.5000	0.4781	
54 1,1,1-Trichloroethane	97	4.873	4.873	0.000	10	3578	0.5000	0.5869	
\$ 53 Dibromofluoromethane (Surr)	113	4.898	4.897	0.001	96	200785	50.0	52.8	
56 Carbon tetrachloride	117	5.007	5.007	0.000	78	2949	0.5000	0.5356	
57 1,1-Dichloropropene	75	5.050	5.050	0.000	57	2717	0.5000	0.5307	
59 Isobutyl alcohol	43	5.208	5.208	0.000	58	1991	12.5	13.6	
62 Isooctane	57	5.245	5.245	0.000	91	3469	0.5000	0.4511	
60 Benzene	78	5.276	5.275	0.001	45	7790	0.5000	0.5203	
\$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.300	5.300	0.000	91	204490	50.0	52.6	
64 Tert-amyl methyl ether	73	5.361	5.361	0.000	72	4707	0.5000	0.5234	
63 Isopropyl acetate	61	5.379	5.367	0.012	73	877	0.5000	0.5291	
61 1,2-Dichloroethane	62	5.385	5.385	0.000	69	2967	0.5000	0.6393	
66 n-Heptane	43	5.471	5.464	0.007	70	1121	0.5000	0.3774	
* 65 Fluorobenzene	96	5.617	5.617	0.000	99	694997	50.0	50.0	
68 n-Butanol	56	5.989	5.989	0.000	32	583	12.5	9.07	
67 Trichloroethene	95	6.019	6.019	0.000	71	2189	0.5000	0.5348	
70 Methylcyclohexane	83	6.166	6.159	0.007	70	2257	0.5000	0.4674	
69 Ethyl acrylate	55	6.178	6.184	-0.006	36	3617	0.5000	0.4922	
71 1,2-Dichloropropane	63	6.361	6.367	-0.006	64	2243	0.5000	0.5878	
* 73 1,4-Dioxane-d8	96	6.440	6.440	0.000	1	35424	1000.0	1000.0	
75 Methyl methacrylate	100	6.477	6.476	0.001	42	720	1.00	0.9015	
74 1,4-Dioxane	88	6.513	6.507	0.006	38	1224	25.0	34.1	a
72 Dibromomethane	93	6.513	6.513	0.000	68	1082	0.5000	0.4612	
76 n-Propyl acetate	43	6.550	6.550	0.000	71	2413	0.5000	0.5948	
77 Dichlorobromomethane	83	6.696	6.696	0.000	70	2819	0.5000	0.5335	
78 2-Nitropropane	41	7.123	7.111	0.013	58	1087	1.00	1.58	
79 2-Chloroethyl vinyl ether	106	7.129	7.123	0.006	34	122	0.5012	0.5077	
80 Epichlorohydrin	57	7.239	7.238	0.001	76	3504	10.0	12.0	
81 cis-1,3-Dichloropropene	75	7.300	7.300	0.000	54	3699	0.5000	0.5593	
82 4-Methyl-2-pentanone (MIBK)	43	7.513	7.513	0.000	83	5901	2.50	2.50	
\$ 83 Toluene-d8 (Surr)	98	7.586	7.586	0.000	99	654495	50.0	49.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	7.678	7.677	0.001	83	10004	0.5000	0.6047	
85 trans-1,3-Dichloropropene	75	8.110	8.110	0.000	55	3073	0.5000	0.5377	
86 Ethyl methacrylate	69	8.165	8.171	-0.006	25	1718	0.5000	0.4380	
87 1,1,2-Trichloroethane	83	8.360	8.366	-0.006	60	1503	0.5000	0.5170	
88 Tetrachloroethene	166	8.403	8.397	0.006	58	2148	0.5000	0.5292	
89 1,3-Dichloropropane	76	8.616	8.616	0.000	57	2759	0.5000	0.4945	
90 2-Hexanone	43	8.720	8.720	0.000	86	4413	2.50	2.66	
93 n-Butyl acetate	43	8.872	8.866	0.006	70	2139	0.5000	0.5136	
91 Chlorodibromomethane	129	8.891	8.885	0.006	59	2229	0.5000	0.5563	
92 Ethylene Dibromide	107	9.068	9.067	0.001	47	1950	0.5000	0.5367	
* 94 Chlorobenzene-d5	117	9.738	9.738	0.000	84	540269	50.0	50.0	
95 Chlorobenzene	112	9.781	9.781	0.000	52	6124	0.5000	0.5771	
97 Ethylbenzene	106	9.915	9.921	-0.006	81	2498	0.5000	0.4601	
96 1,1,1,2-Tetrachloroethane	131	9.933	9.933	0.000	23	2183	0.5000	0.5603	
98 m-Xylene & p-Xylene	106	10.122	10.122	0.000	87	3764	0.5000	0.5498	
99 o-Xylene	106	10.762	10.756	0.006	79	3144	0.5000	0.4960	
101 n-Butyl acrylate	73	10.787	10.787	0.000	66	1137	0.5000	0.4691	
100 Styrene	104	10.811	10.811	0.000	87	5558	0.5000	0.5260	
102 Bromoform	173	11.128	11.122	0.006	19	976	0.5000	0.3991	
103 Amyl acetate (mixed isomers)	43	11.165	11.165	0.000	69	2555	0.5000	0.5299	
104 Isopropylbenzene	105	11.341	11.335	0.006	56	7870	0.5000	0.5141	
\$ 105 4-Bromofluorobenzene	174	11.616	11.616	0.000	88	191636	50.0	49.2	
106 Bromobenzene	156	11.787	11.786	0.001	80	2115	0.5000	0.5317	
107 1,1,2,2-Tetrachloroethane	83	11.884	11.884	0.000	57	2045	0.5000	0.4994	
110 N-Propylbenzene	91	11.915	11.915	0.001	90	9811	0.5000	0.5381	
108 1,2,3-Trichloropropane	110	11.939	11.939	0.000	47	702	0.5000	0.5785	
109 trans-1,4-Dichloro-2-butene	53	11.988	11.982	0.006	4	332	0.5000	0.3607	
111 2-Chlorotoluene	91	12.036	12.036	0.000	67	6418	0.5000	0.5052	
112 4-Ethyltoluene	105	12.073	12.067	0.006	77	7525	0.5000	0.5007	
114 1,3,5-Trimethylbenzene	105	12.165	12.158	0.006	77	6168	0.5000	0.5063	
113 4-Chlorotoluene	91	12.189	12.189	0.000	73	6488	0.5000	0.5084	
115 Butyl Methacrylate	87	12.317	12.317	0.000	58	2014	0.5000	0.4900	
116 tert-Butylbenzene	119	12.524	12.524	0.000	72	5036	0.5000	0.5014	
117 1,2,4-Trimethylbenzene	105	12.597	12.597	0.000	81	5896	0.5000	0.4909	
118 sec-Butylbenzene	105	12.774	12.774	0.000	91	7279	0.5000	0.5113	
119 1,3-Dichlorobenzene	146	12.914	12.914	0.000	75	3876	0.5000	0.5674	
122 4-Isopropyltoluene	119	12.939	12.939	0.000	66	5779	0.5000	0.4977	
* 120 1,4-Dichlorobenzene-d4	152	13.000	13.000	0.000	95	263636	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.024	13.024	0.000	37	3676	0.5000	0.5234	a
123 1,2,3-Trimethylbenzene	105	13.061	13.055	0.006	78	5887	0.5000	0.4800	
124 Benzyl chloride	91	13.189	13.189	0.000	86	3529	0.5000	0.4526	
125 2,3-Dihydroindene	117	13.256	13.250	0.006	79	6009	0.5000	0.5125	
127 p-Diethylbenzene	119	13.335	13.335	0.000	68	3309	0.5000	0.5465	a
128 n-Butylbenzene	92	13.359	13.359	0.000	89	3493	0.5000	0.5770	
126 1,2-Dichlorobenzene	146	13.402	13.402	0.000	81	3331	0.5000	0.5353	
130 1,2,4,5-Tetramethylbenzene	119	14.079	14.079	0.000	77	5118	0.5000	0.5354	
129 1,2-Dibromo-3-Chloropropane	157	14.158	14.158	0.000	1	410	0.5000	0.5311	
131 1,3,5-Trichlorobenzene	180	14.286	14.286	0.000	26	1665	0.5000	0.4730	
132 1,2,4-Trichlorobenzene	180	14.823	14.823	0.001	1	1358	0.5000	0.4805	
133 Hexachlorobutadiene	225	14.914	14.914	0.000	1	622	0.5000	0.4908	
134 Naphthalene	128	15.030	15.030	0.000	45	3713	0.5000	0.4897	
135 1,2,3-Trichlorobenzene	180	15.219	15.213	0.006	16	1357	0.5000	0.5847	

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		1.00	1.18	
S 137 Xylenes, Total	100				0		1.00	1.05	
S 140 Total BTEX	1				0		2.50	2.63	
S 139 1,3-Dichloropropene, Total	1				0		1.00	1.10	
S 138 Total 1,2-dichloroethene	1				0			1.18	

QC Flag Legend

Processing Flags

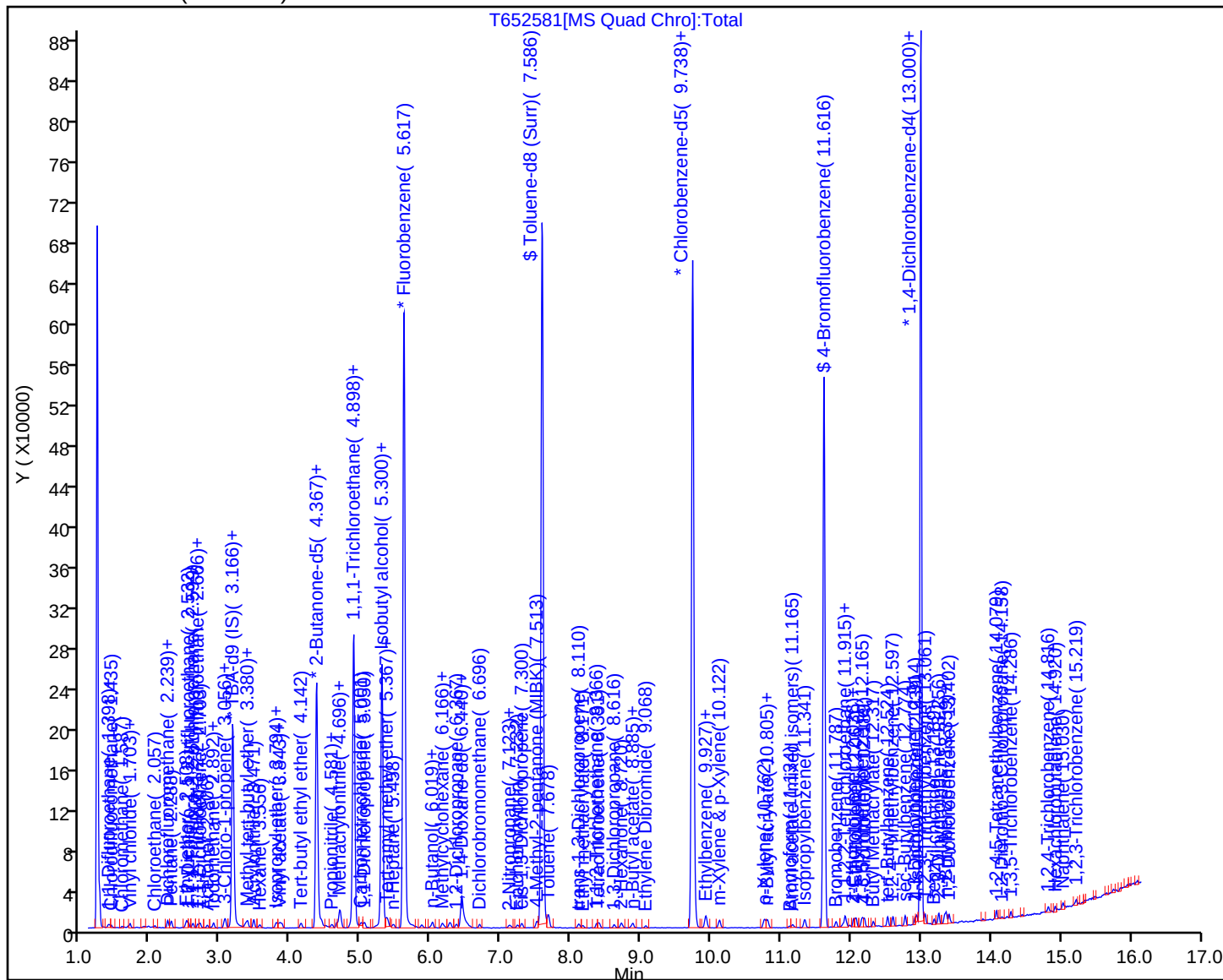
Review Flags

a - User Assigned ID

Reagents:

8260MIX1COMB_00159	Amount Added: 5.00	Units: uL	
ACROLEIN W_00144	Amount Added: 2.00	Units: uL	
524freon_00057	Amount Added: 5.00	Units: uL	
GASES Li_00493	Amount Added: 5.00	Units: uL	
14DIOXINTER_00145	Amount Added: 15.00	Units: uL	
VOA6IS/SURR_00061	Amount Added: 5.00	Units: uL	Run Reagent

Column: DB-624 (0.18 mm)



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652581.D

Injection Date: 14-Sep-2022 19:14:33

Instrument ID: CVOAMS15

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

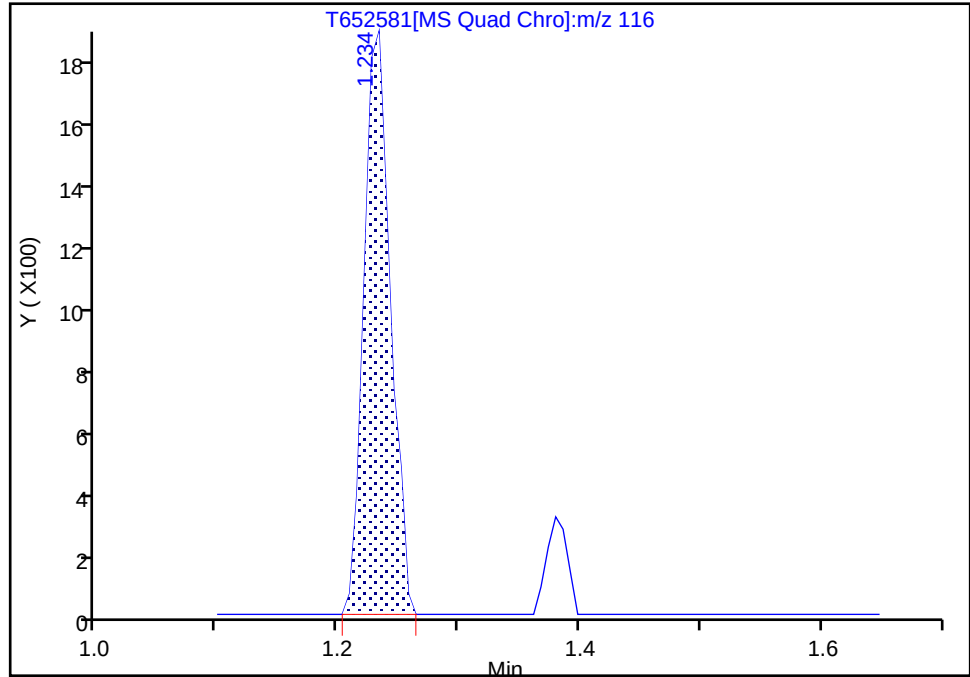
Detector MS Quad

3 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

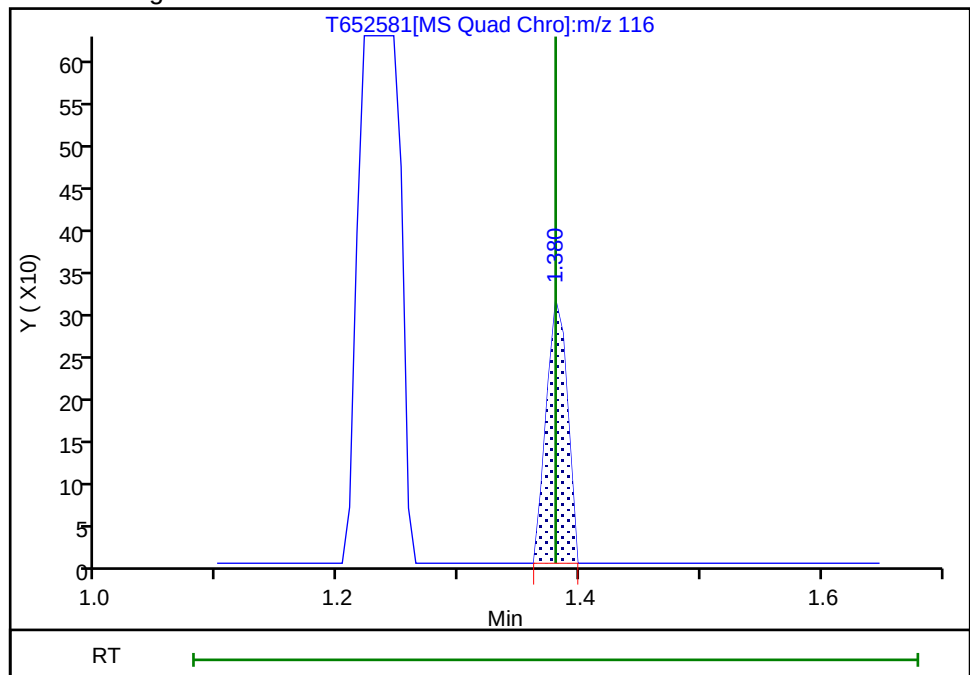
RT: 1.23
Area: 2865
Amount: 1.738394
Amount Units: ug/l

Processing Integration Results



RT: 1.38
Area: 378
Amount: 0.594780
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 15-Sep-2022 19:53:43

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652581.D

Injection Date: 14-Sep-2022 19:14:33

Instrument ID: CVOAMS15

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_15

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

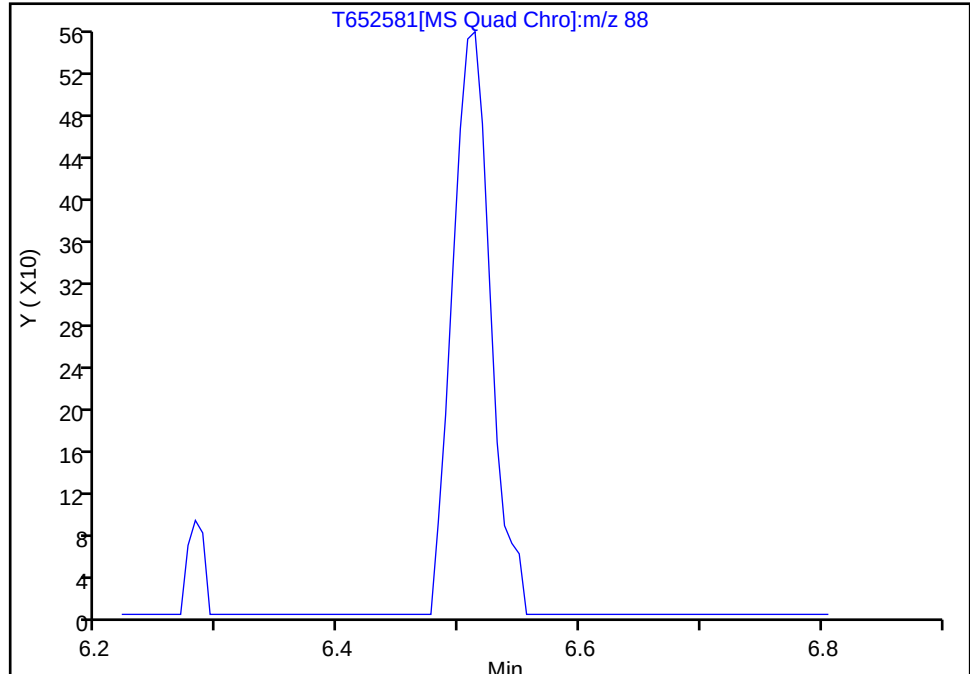
74 1,4-Dioxane, CAS: 123-91-1

Signal: 1

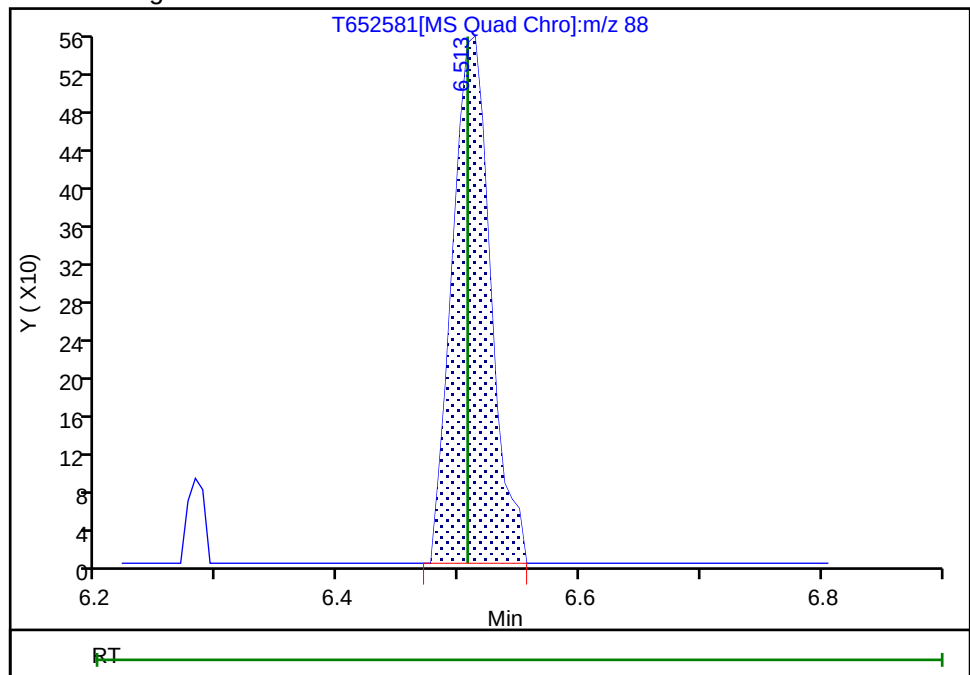
Not Detected

Expected RT: 6.51

Processing Integration Results



Manual Integration Results



Reviewer: W9CM, 15-Sep-2022 19:54:37

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652581.D

Injection Date: 14-Sep-2022 19:14:33

Instrument ID: CVOAMS15

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#:

4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_15

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

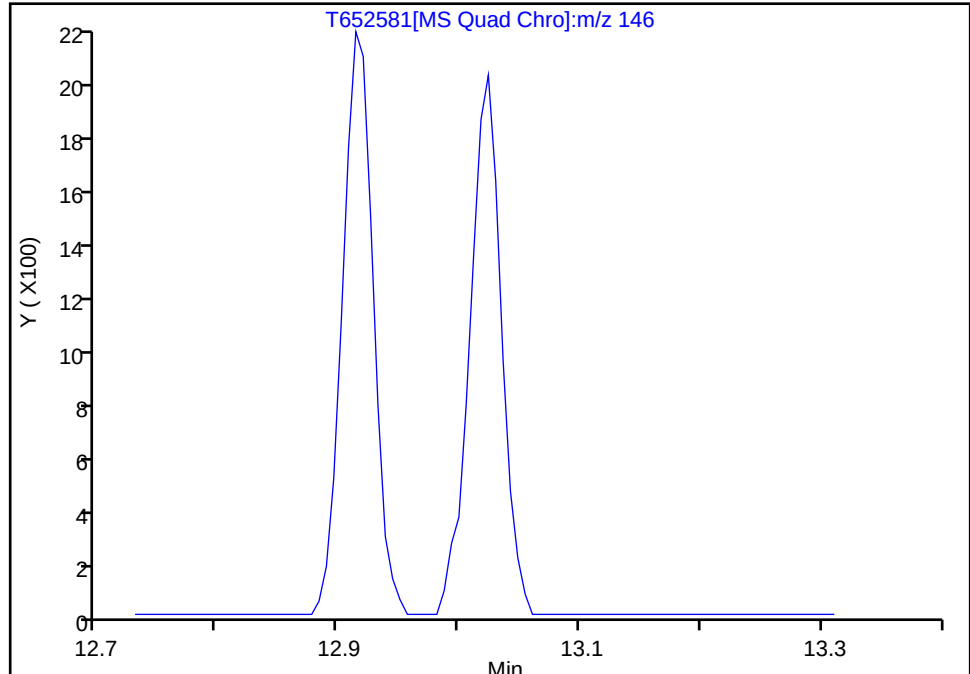
121 1,4-Dichlorobenzene, CAS: 106-46-7

Signal: 1

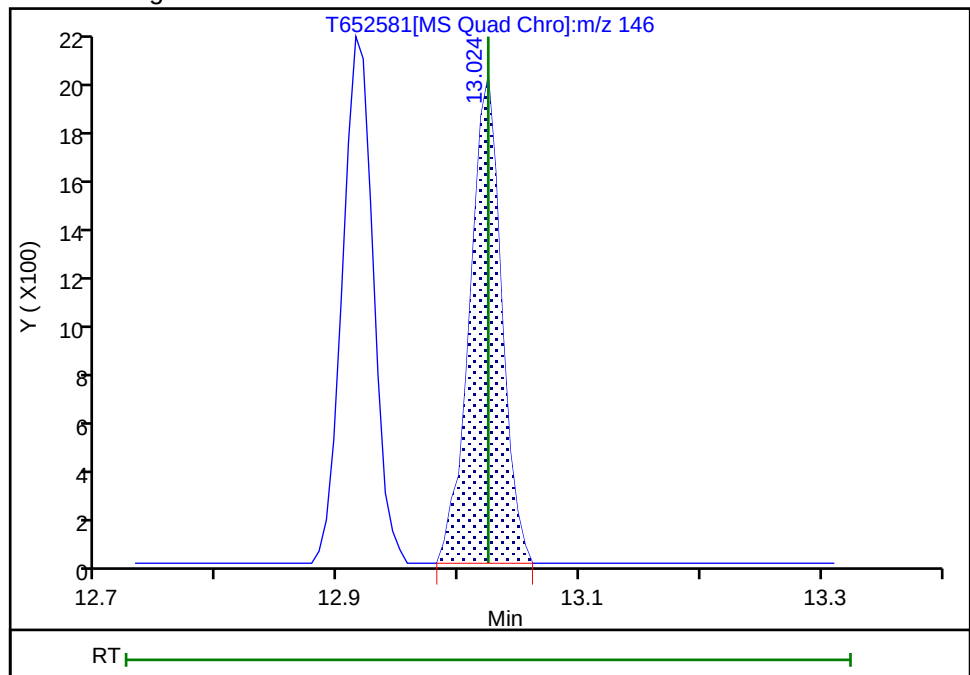
Not Detected

Expected RT: 13.02

Processing Integration Results



Manual Integration Results



RT: 13.02

Area: 3676

Amount: 0.523377

Amount Units: ug/l

Reviewer: W9CM, 15-Sep-2022 19:55:46

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652581.D

Injection Date: 14-Sep-2022 19:14:33

Instrument ID: CVOAMS15

Lims ID: STD05

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_15

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

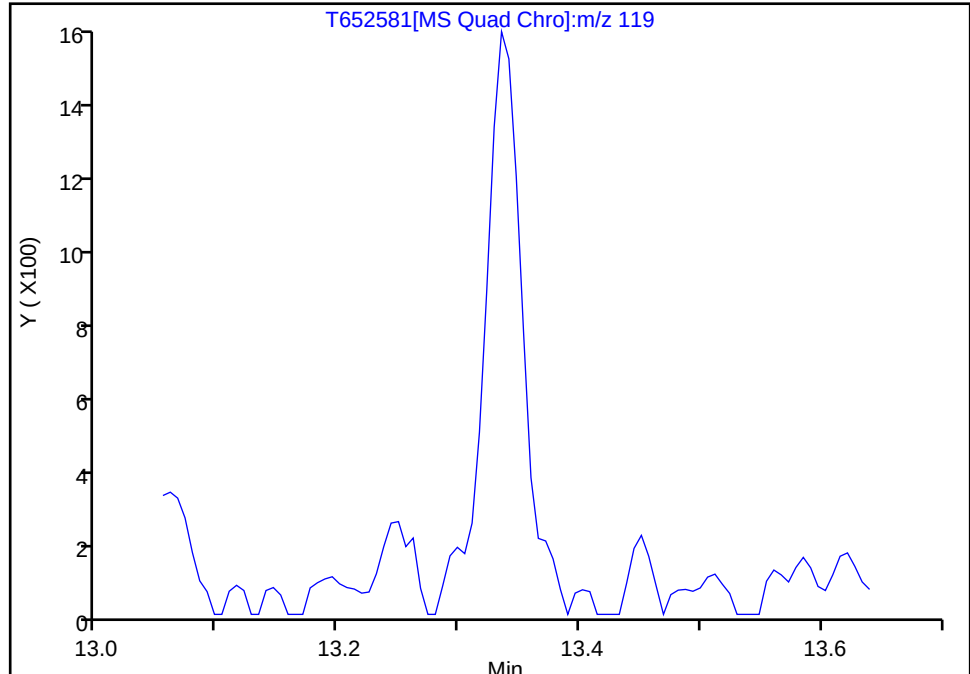
127 p-Diethylbenzene, CAS: 105-05-5

Signal: 1

Not Detected

Expected RT: 13.33

Processing Integration Results



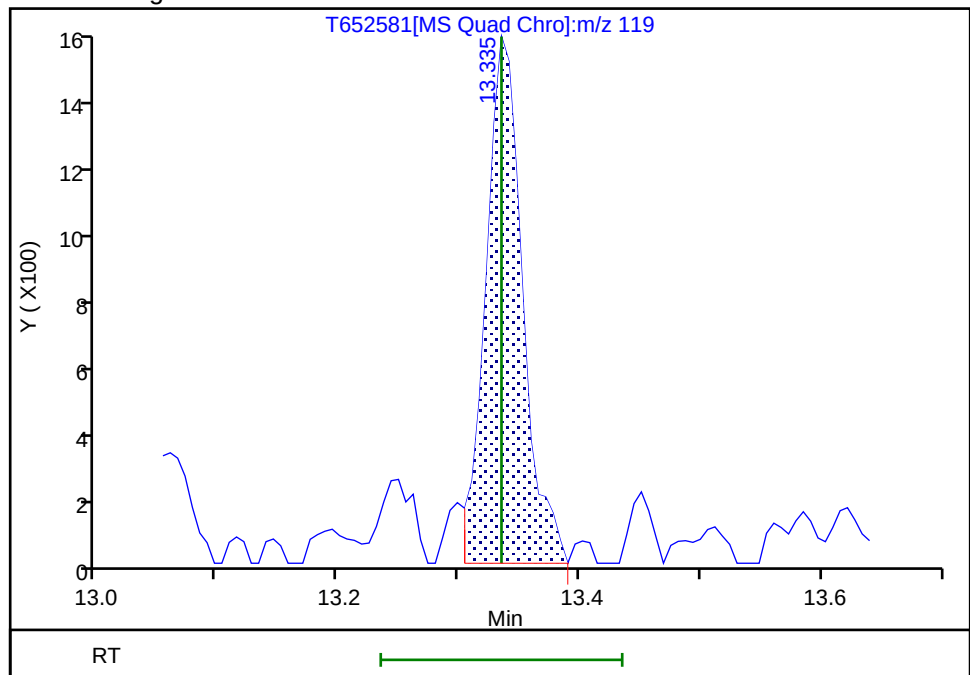
RT: 13.34

Area: 3309

Amount: 0.546528

Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 15-Sep-2022 19:55:50

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652582.D
 Lims ID: STD1
 Client ID:
 Sample Type: IC Calib Level: 2
 Inject. Date: 14-Sep-2022 19:35:53 ALS Bottle#: 0 Worklist Smp#: 5
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD1
 Misc. Info.: 460-0150379-005
 Operator ID: Instrument ID: CVOAMS15
 Sublist: chrom-8260W_15*sub18
 Method: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\8260W_15.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 15-Sep-2022 20:41:39 Calib Date: 14-Sep-2022 21:22:51
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652587.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1674

First Level Reviewer: W9CM

Date: 14-Sep-2022 20:45:00

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.276	1.276	0.000	4	201	1.00	0.8418	
3 Chlorotrifluoroethene	116	1.380	1.380	0.000	40	586	1.00	0.8987	
2 1,1-Difluoroethane	65	1.392	1.392	0.000	78	1661	1.00	1.38	
4 Dichlorodifluoromethane	85	1.410	1.410	0.000	82	4311	1.00	1.03	
5 Chlorodifluoromethane	67	1.435	1.435	0.000	56	554	1.00	0.9720	
6 Chloromethane	50	1.587	1.587	0.000	58	2726	1.00	0.9368	
7 Vinyl chloride	62	1.672	1.672	0.000	52	2597	1.00	0.9068	
8 Butadiene	54	1.703	1.703	0.000	86	3269	1.00	1.14	
9 Bromomethane	94	1.971	1.965	0.006	82	1169	1.00	1.38	
10 Chloroethane	64	2.057	2.057	0.000	76	2328	1.00	1.05	
11 Dichlorofluoromethane	67	2.233	2.233	0.000	85	6996	1.00	1.06	
12 Trichlorofluoromethane	101	2.246	2.239	0.007	76	5762	1.00	1.01	
13 Pentane	72	2.294	2.288	0.006	92	865	2.00	1.94	
14 Ethanol	46	2.453	2.447	0.006	38	465	40.0	35.7	
15 Ethyl ether	59	2.496	2.496	0.000	89	2985	1.00	1.10	
17 2-Methyl-1,3-butadiene	53	2.508	2.514	-0.006	83	2541	1.00	0.8648	
16 1,2-Dichloro-1,1,2-trifluoroethane	117	2.544	2.538	0.006	51	3071	1.00	0.99	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.599	2.599	0.000	72	5332	1.00	0.9589	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.666	2.666	0.000	75	2674	1.00	0.7391	
19 Acrolein	56	2.672	2.672	0.000	26	2146	4.00	3.98	
20 1,1-Dichloroethene	96	2.703	2.703	0.000	81	3111	1.00	0.9255	
22 Acetone	43	2.806	2.806	0.000	77	5321	5.00	6.30	
23 Iodomethane	142	2.861	2.861	0.000	75	1682	1.00	0.4006	
25 Isopropyl alcohol	45	2.892	2.892	0.000	0	1933	10.0	11.2	
24 Carbon disulfide	76	2.892	2.892	0.000	98	11533	1.00	1.02	
27 3-Chloro-1-propene	76	3.044	3.044	0.000	82	2399	1.00	1.15	
29 Cyclopentene	67	3.062	3.062	0.000	81	7663	1.00	0.9181	
28 Methyl acetate	43	3.062	3.062	0.000	64	4059	2.00	1.89	
26 Acetonitrile	41	3.123	3.123	0.000	76	3617	10.0	11.2	Ma
* 31 TBA-d9 (IS)	66	3.166	3.166	0.000	97	48390	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	3.178	3.178	0.000	26	4058	1.00	0.9709	
32 2-Methyl-2-propanol	59	3.245	3.245	0.000	52	3005	10.0	10.4	a
35 Methyl tert-butyl ether	73	3.355	3.355	0.000	95	8238	1.00	0.9080	
34 trans-1,2-Dichloroethene	96	3.379	3.379	0.000	75	3894	1.00	0.9683	
33 Acrylonitrile	53	3.471	3.471	0.000	96	11108	10.0	9.95	
36 Hexane	57	3.556	3.556	0.000	75	3002	1.00	0.7285	
40 Isopropyl ether	45	3.788	3.788	0.000	92	8955	1.00	0.9161	
37 1,1-Dichloroethane	63	3.818	3.818	0.000	73	6695	1.00	0.9547	
38 Vinyl acetate	86	3.843	3.843	0.000	98	1419	2.00	1.89	
39 2-Chloro-1,3-butadiene	88	3.867	3.867	0.000	65	3062	1.00	0.8946	
41 Tert-butyl ethyl ether	59	4.142	4.142	0.000	76	8214	1.00	0.8599	
* 42 2-Butanone-d5	46	4.367	4.367	0.000	78	335833	250.0	250.0	
44 2,2-Dichloropropane	97	4.373	4.367	0.006	44	1737	1.00	1.13	
43 cis-1,2-Dichloroethene	96	4.398	4.398	0.000	30	4774	1.00	1.07	
45 2-Butanone (MEK)	72	4.428	4.428	0.000	94	1678	5.00	4.56	
47 Ethyl acetate	70	4.434	4.434	0.000	94	629	2.00	1.79	
48 Methyl acrylate	55	4.495	4.495	0.000	69	2670	1.00	1.00	
46 Propionitrile	54	4.580	4.580	0.000	88	4586	10.0	10.5	
49 Chlorobromomethane	128	4.654	4.654	0.000	73	1941	1.00	1.00	
51 Tetrahydrofuran	72	4.666	4.654	0.012	49	568	2.00	1.49	
50 Methacrylonitrile	67	4.696	4.696	0.000	87	13317	10.0	9.90	
52 Chloroform	83	4.715	4.715	0.000	82	6660	1.00	0.9502	
55 Cyclohexane	84	4.849	4.849	0.000	84	4286	1.00	0.8714	
54 1,1,1-Trichloroethane	97	4.873	4.873	0.000	27	5980	1.00	0.9561	
\$ 53 Dibromofluoromethane (Surr)	113	4.898	4.897	0.001	95	200599	50.0	51.4	
56 Carbon tetrachloride	117	5.007	5.007	0.000	87	5614	1.00	0.99	
57 1,1-Dichloropropene	75	5.050	5.050	0.000	75	4849	1.00	0.9230	
59 Isobutyl alcohol	43	5.208	5.208	0.000	74	4251	25.0	24.8	
62 Isooctane	57	5.245	5.245	0.000	92	6850	1.00	0.8682	
60 Benzene	78	5.275	5.275	0.000	53	14288	1.00	0.9527	
\$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.300	5.300	0.000	91	206308	50.0	51.8	
64 Tert-amyl methyl ether	73	5.361	5.361	0.000	76	7742	1.00	0.8390	
63 Isopropyl acetate	61	5.373	5.367	0.006	89	1673	1.00	0.9837	
61 1,2-Dichloroethane	62	5.385	5.385	0.000	75	4711	1.00	0.9893	
66 n-Heptane	43	5.464	5.464	0.000	79	2463	1.00	0.8082	
* 65 Fluorobenzene	96	5.611	5.617	-0.006	99	713093	50.0	50.0	
68 n-Butanol	56	5.989	5.989	0.000	68	1981	25.0	26.4	
67 Trichloroethene	95	6.019	6.019	0.000	77	4517	1.00	1.08	
70 Methylcyclohexane	83	6.159	6.159	0.000	73	3682	1.00	0.7431	a
69 Ethyl acrylate	55	6.190	6.184	0.006	85	6903	1.00	0.9156	a
71 1,2-Dichloropropane	63	6.367	6.367	0.000	72	3648	1.00	0.9317	
* 73 1,4-Dioxane-d8	96	6.440	6.440	0.000	1	40877	1000.0	1000.0	
75 Methyl methacrylate	100	6.483	6.476	0.007	81	1342	2.00	1.64	
74 1,4-Dioxane	88	6.501	6.507	-0.006	71	2129	50.0	51.4	
72 Dibromomethane	93	6.513	6.513	0.000	84	2682	1.00	1.11	
76 n-Propyl acetate	43	6.550	6.550	0.000	90	4317	1.00	1.04	
77 Dichlorobromomethane	83	6.696	6.696	0.000	77	5453	1.00	1.01	
78 2-Nitropropane	41	7.111	7.111	0.000	64	1434	2.00	2.03	
79 2-Chloroethyl vinyl ether	106	7.117	7.123	-0.006	55	382	1.00	0.9724	
80 Epichlorohydrin	57	7.232	7.238	-0.006	85	6037	20.0	20.0	
81 cis-1,3-Dichloropropene	75	7.293	7.300	-0.007	62	6144	1.00	0.9273	
82 4-Methyl-2-pentanone (MIBK)	43	7.513	7.513	0.000	92	12613	5.00	5.17	

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	7.586	7.586	0.000	99	649235	50.0	48.9	
84 Toluene	91	7.677	7.677	0.000	89	15985	1.00	0.9646	
85 trans-1,3-Dichloropropene	75	8.110	8.110	0.000	65	5068	1.00	0.8853	
86 Ethyl methacrylate	69	8.171	8.171	0.000	56	3635	1.00	0.9252	
87 1,1,2-Trichloroethane	83	8.366	8.366	0.000	77	2775	1.00	0.9530	
88 Tetrachloroethene	166	8.403	8.397	0.006	85	3895	1.00	0.9580	
89 1,3-Dichloropropane	76	8.616	8.616	0.000	75	5410	1.00	0.9679	
90 2-Hexanone	43	8.720	8.720	0.000	92	8735	5.00	5.11	
93 n-Butyl acetate	43	8.872	8.866	0.006	84	4181	1.00	1.00	
91 Chlorodibromomethane	129	8.885	8.885	0.000	65	3249	1.00	0.8095	
92 Ethylene Dibromide	107	9.067	9.067	0.000	52	3451	1.00	0.9482	
* 94 Chlorobenzene-d5	117	9.738	9.738	0.000	83	541193	50.0	50.0	
95 Chlorobenzene	112	9.781	9.781	0.000	68	10183	1.00	0.9580	
97 Ethylbenzene	106	9.921	9.921	0.000	92	5531	1.00	1.02	
96 1,1,1,2-Tetrachloroethane	131	9.933	9.933	0.000	27	4016	1.00	1.03	
98 m-Xylene & p-Xylene	106	10.122	10.122	0.000	90	6603	1.00	0.9628	
99 o-Xylene	106	10.756	10.756	0.000	87	5664	1.00	0.8920	
101 n-Butyl acrylate	73	10.781	10.787	-0.006	84	2022	1.00	0.8327	
100 Styrene	104	10.811	10.811	0.000	88	9295	1.00	0.8782	
102 Bromoform	173	11.122	11.122	0.000	68	2298	1.00	0.9381	
103 Amyl acetate (mixed isomers)	43	11.165	11.165	0.000	75	4866	1.00	1.02	
104 Isopropylbenzene	105	11.335	11.335	0.000	76	14106	1.00	0.9200	
\$ 105 4-Bromofluorobenzene	174	11.616	11.616	0.000	88	194294	50.0	49.8	
106 Bromobenzene	156	11.786	11.786	0.000	88	3752	1.00	0.9562	
107 1,1,2,2-Tetrachloroethane	83	11.884	11.884	0.000	74	4459	1.00	1.10	
110 N-Propylbenzene	91	11.915	11.915	0.000	95	17644	1.00	0.9810	
108 1,2,3-Trichloropropane	110	11.939	11.939	0.000	69	1199	1.00	1.00	
109 trans-1,4-Dichloro-2-butene	53	11.982	11.982	0.000	59	947	1.00	1.04	
111 2-Chlorotoluene	91	12.036	12.036	0.000	76	12966	1.00	1.03	
112 4-Ethyltoluene	105	12.067	12.067	0.000	91	14569	1.00	0.9827	
114 1,3,5-Trimethylbenzene	105	12.158	12.158	0.000	87	11932	1.00	0.99	
113 4-Chlorotoluene	91	12.189	12.189	0.000	93	12739	1.00	1.01	
115 Butyl Methacrylate	87	12.317	12.317	0.000	70	3554	1.00	0.8766	
116 tert-Butylbenzene	119	12.524	12.524	0.000	84	9820	1.00	0.99	
117 1,2,4-Trimethylbenzene	105	12.597	12.597	0.000	89	10836	1.00	0.9147	
118 sec-Butylbenzene	105	12.774	12.774	0.000	93	12655	1.00	0.9013	
119 1,3-Dichlorobenzene	146	12.914	12.914	0.000	82	6203	1.00	0.9206	
122 4-Isopropyltoluene	119	12.939	12.939	0.000	80	10898	1.00	0.9515	
* 120 1,4-Dichlorobenzene-d4	152	13.000	13.000	0.000	94	260042	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.024	13.024	0.000	53	6934	1.00	1.00	a
123 1,2,3-Trimethylbenzene	105	13.055	13.055	0.000	91	12157	1.00	1.00	
124 Benzyl chloride	91	13.189	13.189	0.000	92	7789	1.00	1.01	
125 2,3-Dihydroindene	117	13.250	13.250	0.000	87	10941	1.00	0.9460	
127 p-Diethylbenzene	119	13.335	13.335	0.000	84	5949	1.00	1.00	a
128 n-Butylbenzene	92	13.359	13.359	0.000	90	5387	1.00	0.9021	
126 1,2-Dichlorobenzene	146	13.402	13.402	0.000	89	5936	1.00	0.9672	
130 1,2,4,5-Tetramethylbenzene	119	14.079	14.079	0.000	85	8799	1.00	0.9332	
129 1,2-Dibromo-3-Chloropropane	157	14.164	14.158	0.006	6	704	1.00	0.9246	
131 1,3,5-Trichlorobenzene	180	14.286	14.286	0.000	61	3479	1.00	1.00	
132 1,2,4-Trichlorobenzene	180	14.823	14.823	0.000	37	2866	1.00	1.03	
133 Hexachlorobutadiene	225	14.914	14.914	0.000	24	1311	1.00	1.05	
134 Naphthalene	128	15.030	15.030	0.000	87	7489	1.00	1.00	

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	15.213	15.213	0.000	22	2381	1.00	1.04	
S 136 1,2-Dichloroethene, Total	100				0		2.00	2.04	
S 137 Xylenes, Total	100				0		2.00	1.85	
S 140 Total BTEX	1				0		5.00	4.79	
S 139 1,3-Dichloropropene, Total	1				0		2.00	1.81	
S 138 Total 1,2-dichloroethene	1				0			2.04	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8260MIX1COMB_00159	Amount Added: 10.00	Units: uL	
ACROLEIN W_00144	Amount Added: 4.00	Units: uL	
524freon_00057	Amount Added: 10.00	Units: uL	
GASES Li_00493	Amount Added: 10.00	Units: uL	
14DIOXINTER_00145	Amount Added: 30.00	Units: uL	
VOA6IS/SURR_00061	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652582.D

Injection Date: 14-Sep-2022 19:35:53

Instrument ID: CVOAMS15

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#:

5

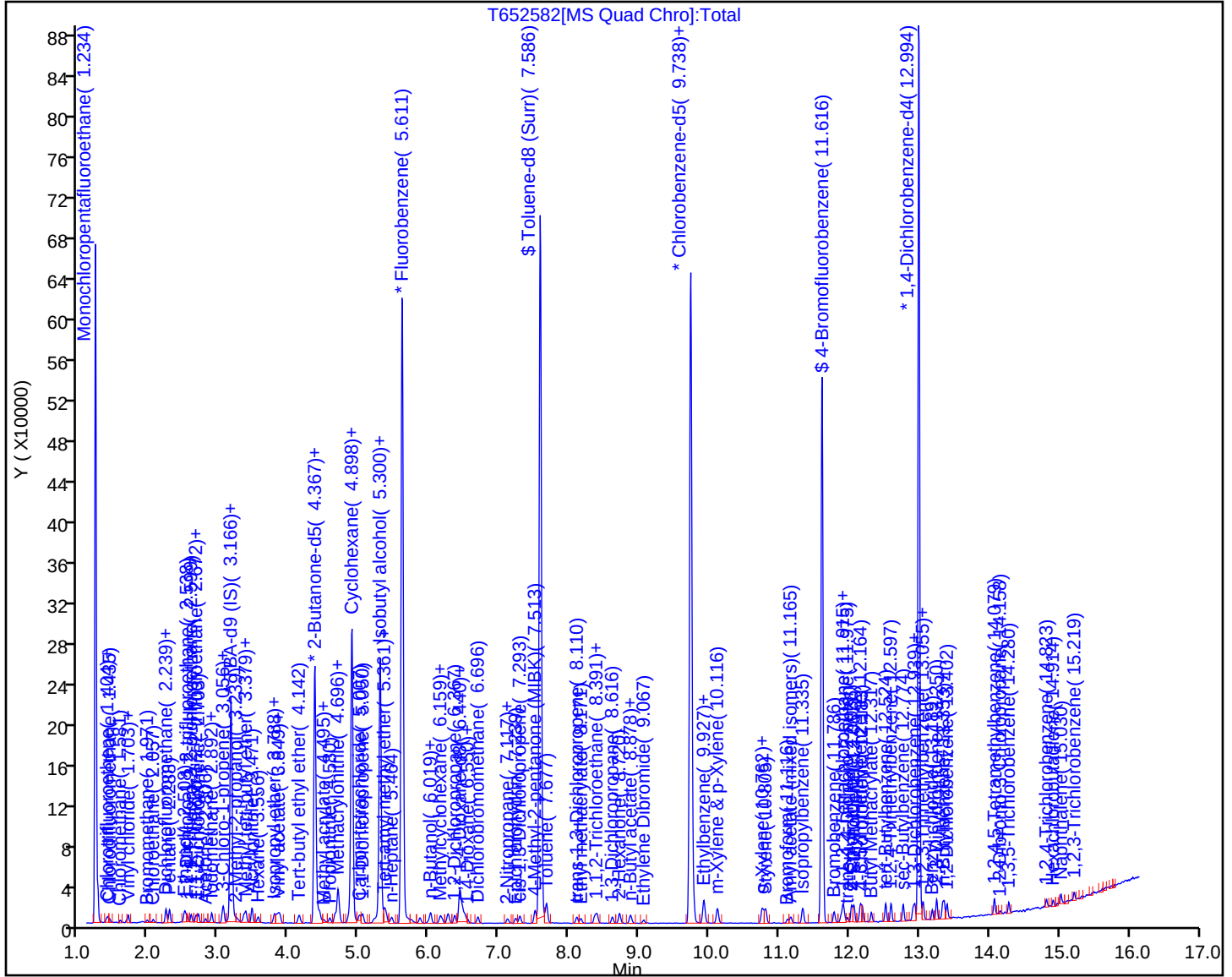
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652582.D

Injection Date: 14-Sep-2022 19:35:53

Instrument ID: CVOAMS15

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

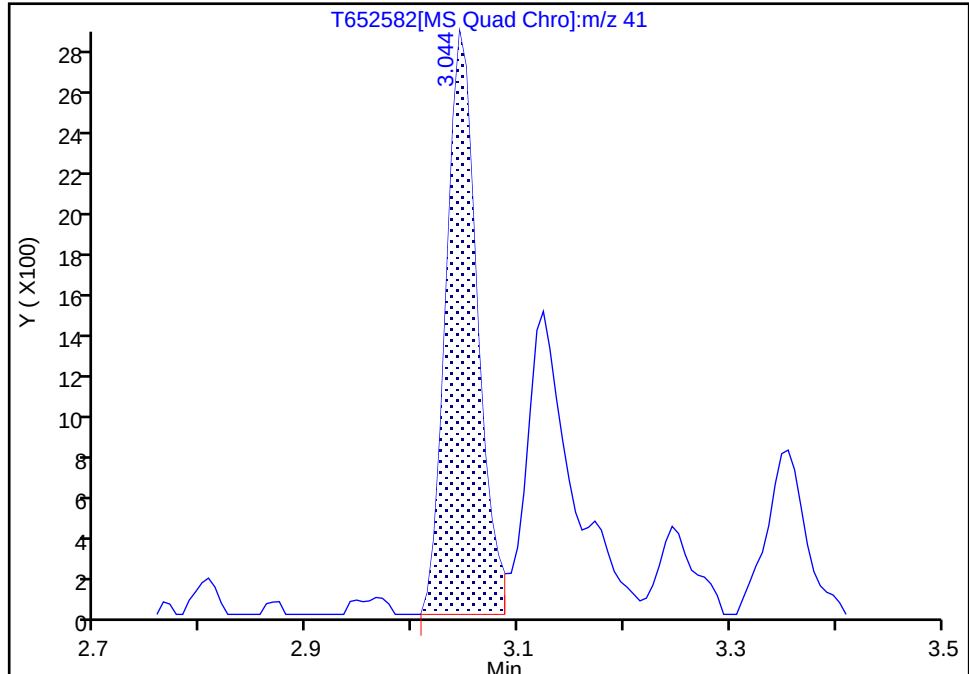
Detector: MS Quad

26 Acetonitrile, CAS: 75-05-8

Signal: 1

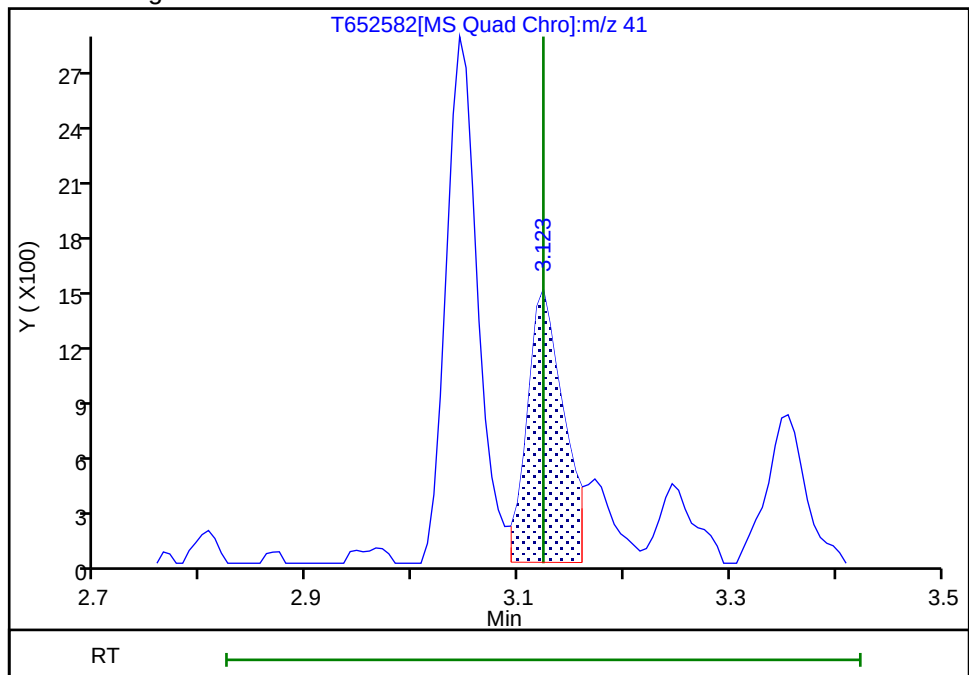
RT: 3.04
Area: 5976
Amount: 35.532812
Amount Units: ug/l

Processing Integration Results



RT: 3.12
Area: 3617
Amount: 11.201473
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 15-Sep-2022 20:12:37

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652582.D

Injection Date: 14-Sep-2022 19:35:53

Instrument ID: CVOAMS15

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

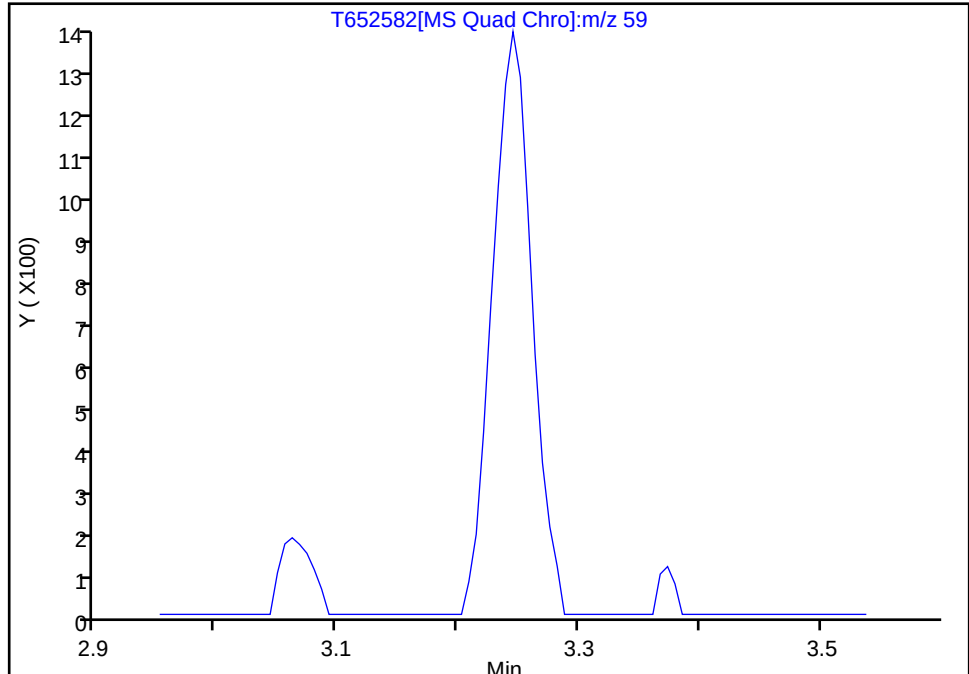
32 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

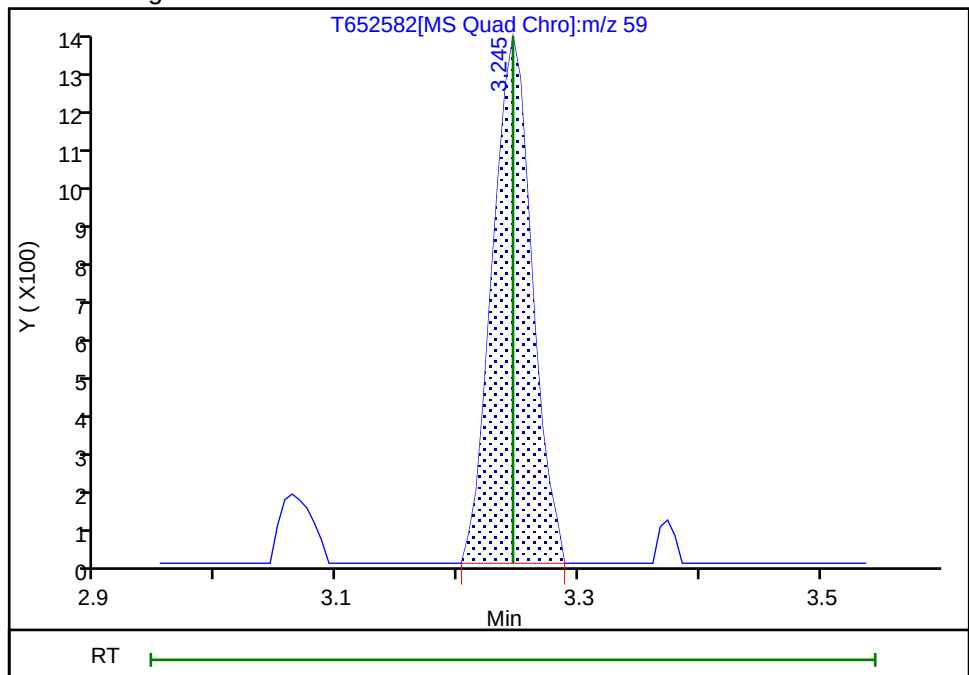
Not Detected

Expected RT: 3.25

Processing Integration Results



Manual Integration Results



RT: 3.25

Area: 3005

Amount: 10.370374

Amount Units: ug/l

Reviewer: W9CM, 15-Sep-2022 19:56:50

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652582.D

Injection Date: 14-Sep-2022 19:35:53

Instrument ID: CVOAMS15

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

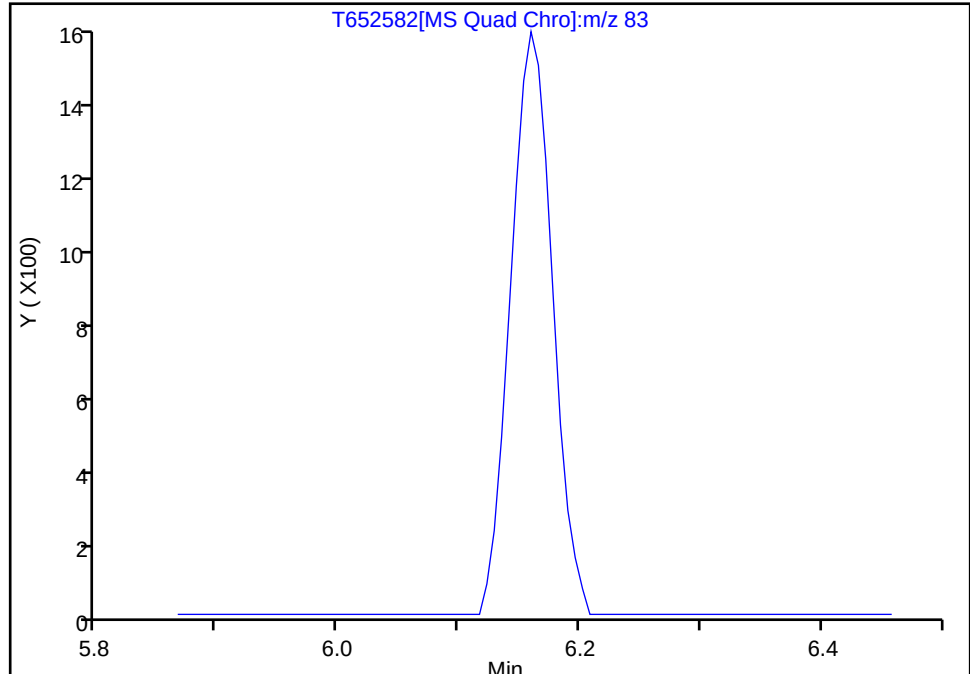
70 Methylcyclohexane, CAS: 108-87-2

Signal: 1

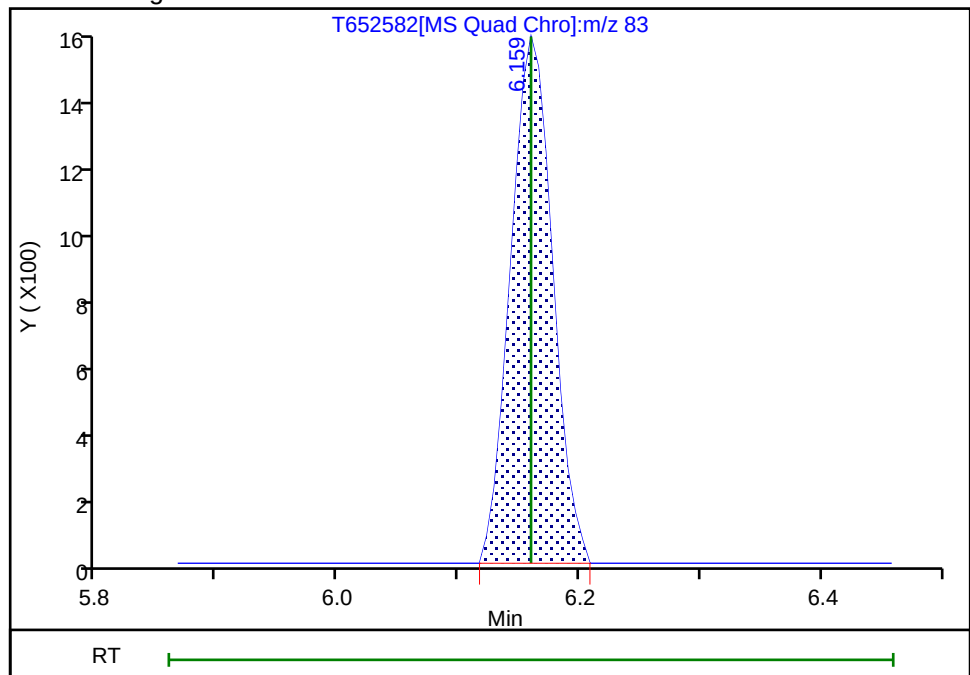
Not Detected

Expected RT: 6.16

Processing Integration Results



Manual Integration Results



Reviewer: W9CM, 15-Sep-2022 19:57:03

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652582.D

Injection Date: 14-Sep-2022 19:35:53

Instrument ID: CVOAMS15

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

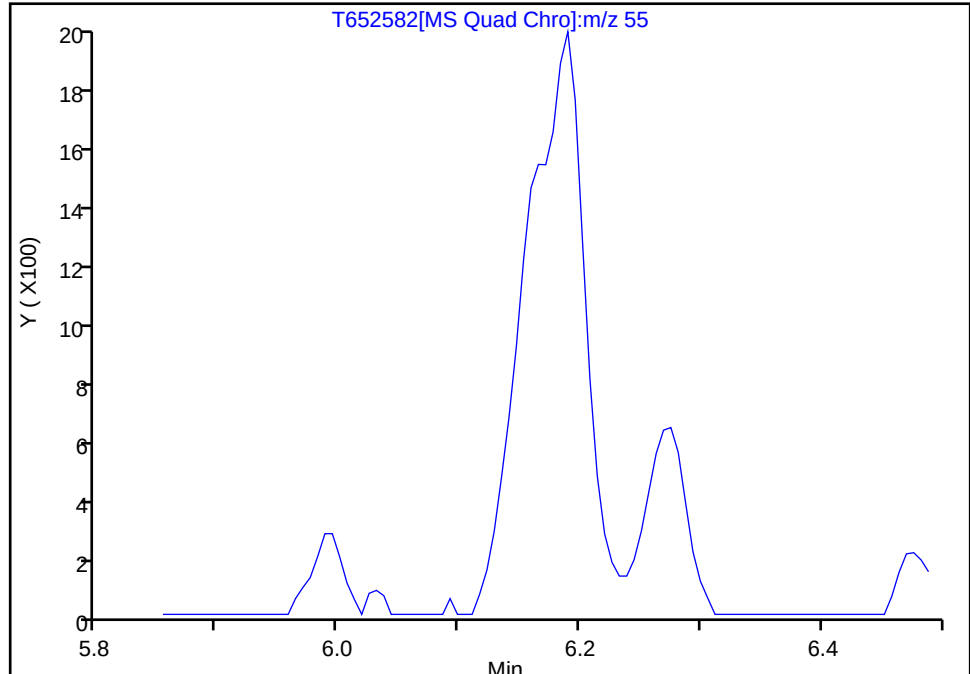
69 Ethyl acrylate, CAS: 140-88-5

Signal: 1

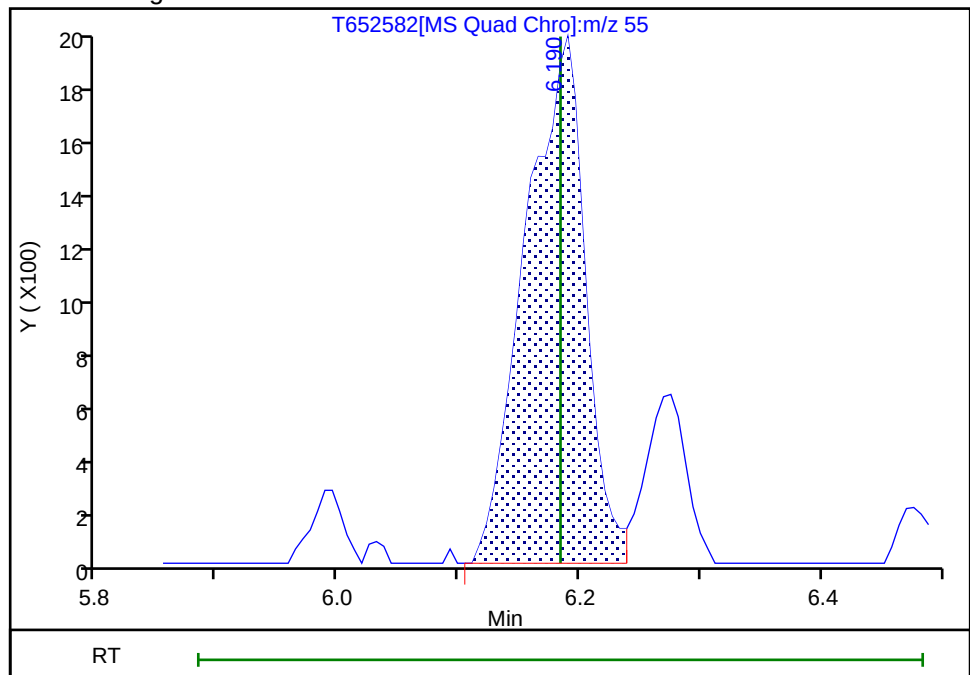
Not Detected

Expected RT: 6.18

Processing Integration Results



Manual Integration Results



Reviewer: W9CM, 15-Sep-2022 19:57:10

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652582.D

Injection Date: 14-Sep-2022 19:35:53

Instrument ID: CVOAMS15

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_15

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

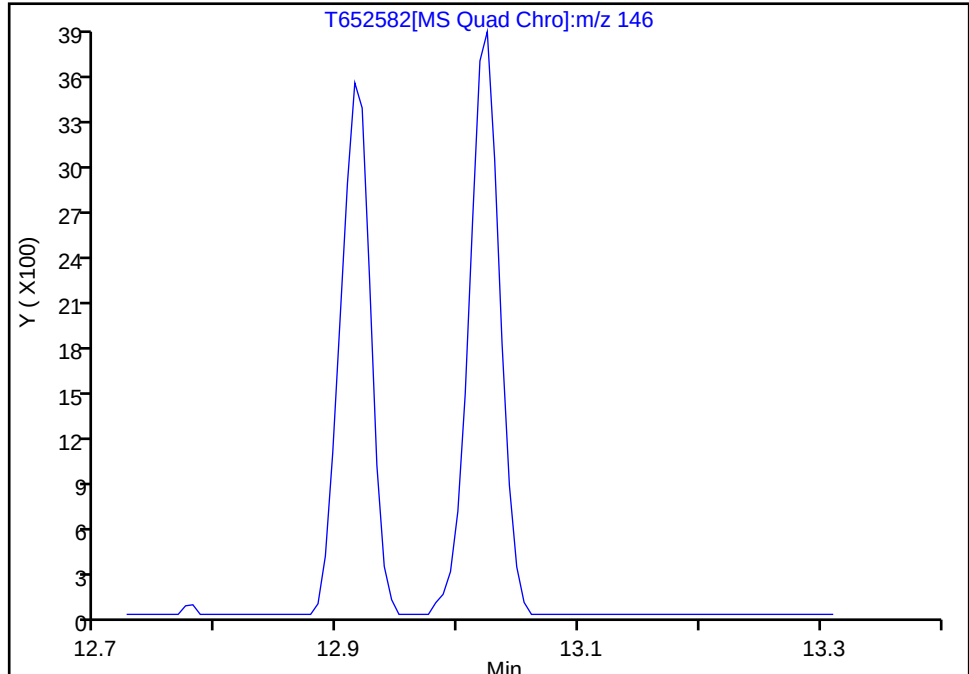
121 1,4-Dichlorobenzene, CAS: 106-46-7

Signal: 1

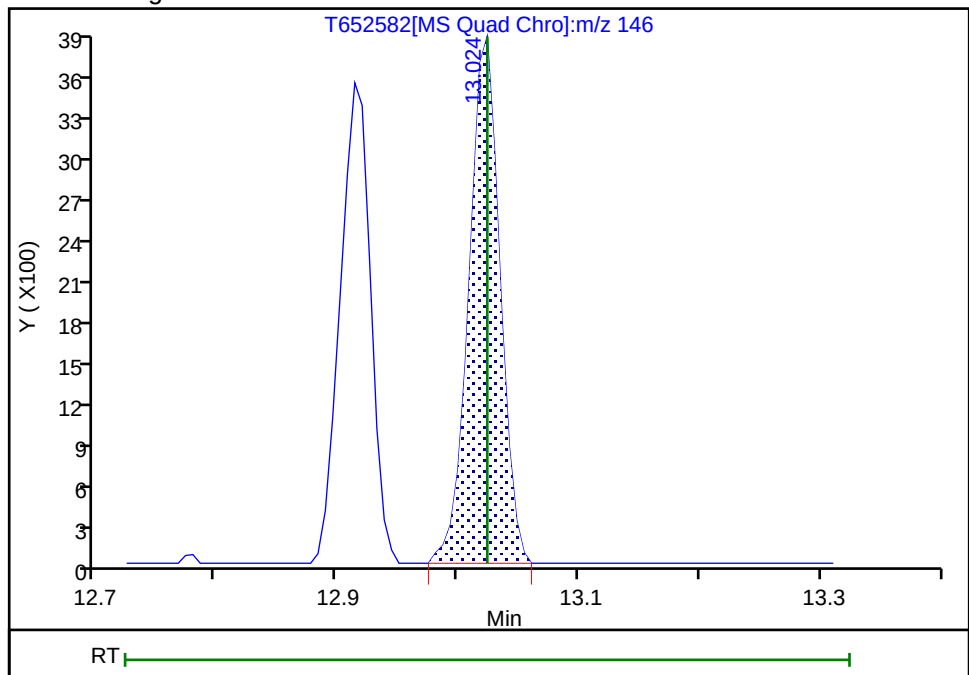
Not Detected

Expected RT: 13.02

Processing Integration Results



Manual Integration Results



RT: 13.02

Area: 6934

Amount: 1.000885

Amount Units: ug/l

Reviewer: W9CM, 15-Sep-2022 19:57:27

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652582.D

Injection Date: 14-Sep-2022 19:35:53

Instrument ID: CVOAMS15

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 5

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_15

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

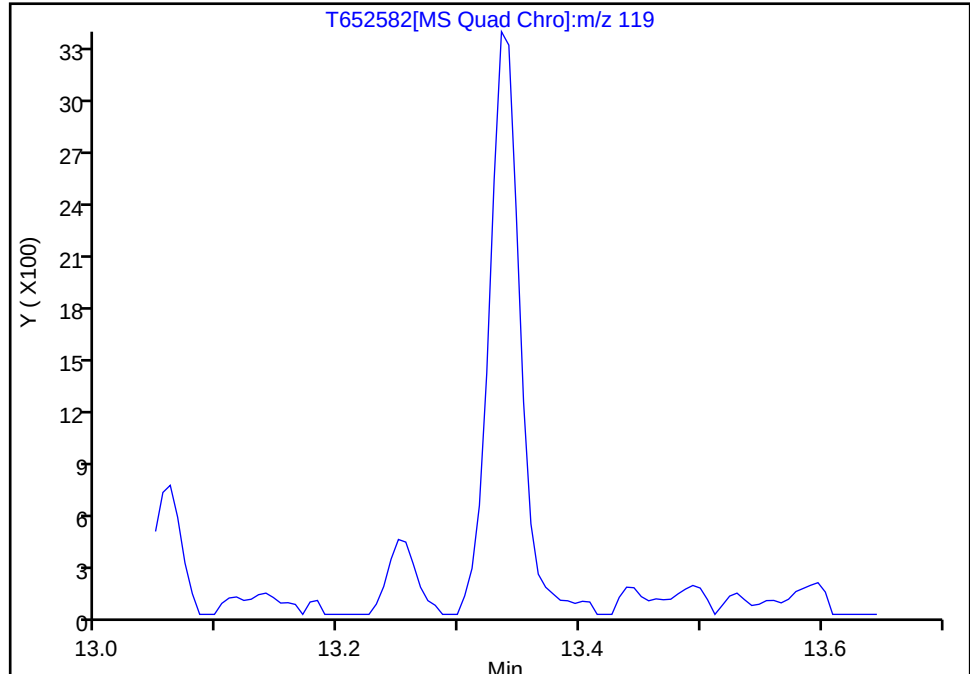
127 p-Diethylbenzene, CAS: 105-05-5

Signal: 1

Not Detected

Expected RT: 13.33

Processing Integration Results



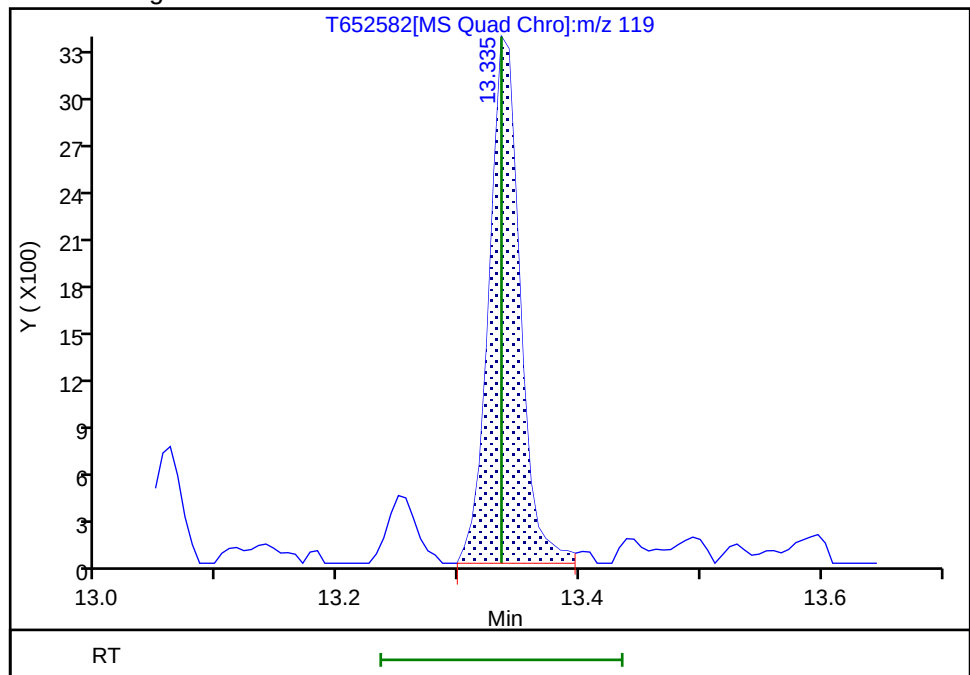
RT: 13.33

Area: 5949

Amount: 0.996141

Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 15-Sep-2022 19:57:31

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652583.D
 Lims ID: STD5
 Client ID:
 Sample Type: IC Calib Level: 3
 Inject. Date: 14-Sep-2022 19:57:14 ALS Bottle#: 0 Worklist Smp#: 6
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD5
 Misc. Info.: 460-0150379-006
 Operator ID: Instrument ID: CVOAMS15
 Sublist: chrom-8260W_15*sub18
 Method: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\8260W_15.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 15-Sep-2022 20:41:44 Calib Date: 14-Sep-2022 21:22:51
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652587.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1674

First Level Reviewer: HVW2

Date: 14-Sep-2022 23:36:35

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.276	1.276	0.000	32	2054	5.00	8.53	
3 Chlorotrifluoroethene	116	1.380	1.380	0.000	81	4684	5.00	7.13	
2 1,1-Difluoroethane	65	1.392	1.392	0.000	94	8783	5.00	7.25	
4 Dichlorodifluoromethane	85	1.410	1.410	0.000	87	20949	5.00	4.97	
5 Chlorodifluoromethane	67	1.435	1.435	0.000	74	3309	5.00	5.76	
6 Chloromethane	50	1.587	1.587	0.000	86	14592	5.00	4.97	
7 Vinyl chloride	62	1.673	1.672	0.001	83	15196	5.00	5.26	
8 Butadiene	54	1.703	1.703	0.000	93	14953	5.00	5.19	
9 Bromomethane	94	1.965	1.965	0.000	91	4167	5.00	5.65	
10 Chloroethane	64	2.057	2.057	0.000	96	12576	5.00	5.44	
11 Dichlorofluoromethane	67	2.233	2.233	0.000	89	36885	5.00	5.54	
12 Trichlorofluoromethane	101	2.240	2.239	0.001	80	31005	5.00	5.37	
13 Pentane	72	2.288	2.288	0.000	95	6617	10.0	11.3	
14 Ethanol	46	2.447	2.447	0.000	94	2804	200.0	224.5	
15 Ethyl ether	59	2.496	2.496	0.000	90	13864	5.00	5.08	
17 2-Methyl-1,3-butadiene	53	2.514	2.514	0.000	95	17347	5.00	5.86	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.538	2.538	0.000	87	16182	5.00	5.17	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.599	2.599	0.000	88	30379	5.00	5.42	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.666	2.666	0.000	92	21512	5.00	5.90	
19 Acrolein	56	2.672	2.672	0.000	67	10170	20.0	19.7	
20 1,1-Dichloroethene	96	2.703	2.703	0.000	89	19385	5.00	5.72	
22 Acetone	43	2.807	2.806	0.001	87	23202	25.0	26.3	
23 Iodomethane	142	2.861	2.861	0.000	98	13591	5.00	3.22	
25 Isopropyl alcohol	45	2.892	2.892	0.000	31	9032	50.0	54.4	
24 Carbon disulfide	76	2.892	2.892	0.000	98	64431	5.00	5.66	
27 3-Chloro-1-propene	76	3.044	3.044	0.000	91	12218	5.00	5.79	
29 Cyclopentene	67	3.063	3.062	0.001	91	46769	5.00	5.56	
28 Methyl acetate	43	3.063	3.062	0.001	63	22912	10.0	10.6	
26 Acetonitrile	41	3.124	3.123	0.001	95	15997	50.0	47.4	
* 31 TBA-d9 (IS)	66	3.166	3.166	0.000	97	46461	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	3.178	3.178	0.000	40	23102	5.00	5.48	
32 2-Methyl-2-propanol	59	3.245	3.245	0.000	98	15177	50.0	54.6	
35 Methyl tert-butyl ether	73	3.355	3.355	0.000	96	48165	5.00	5.27	
34 trans-1,2-Dichloroethene	96	3.380	3.379	0.001	95	21381	5.00	5.27	
33 Acrylonitrile	53	3.471	3.471	0.000	94	62294	50.0	55.4	
36 Hexane	57	3.556	3.556	0.000	88	23802	5.00	5.73	
40 Isopropyl ether	45	3.788	3.788	0.000	96	52260	5.00	5.30	
37 1,1-Dichloroethane	63	3.819	3.818	0.001	93	38470	5.00	5.44	
38 Vinyl acetate	86	3.849	3.843	0.006	99	8174	10.0	10.4	
39 2-Chloro-1,3-butadiene	88	3.867	3.867	0.000	86	18635	5.00	5.40	
41 Tert-butyl ethyl ether	59	4.142	4.142	0.000	89	50387	5.00	5.23	
* 42 2-Butanone-d5	46	4.367	4.367	0.000	82	351270	250.0	250.0	
44 2,2-Dichloropropane	97	4.373	4.367	0.006	50	8349	5.00	5.37	
43 cis-1,2-Dichloroethene	96	4.398	4.398	0.000	84	24604	5.00	5.48	
45 2-Butanone (MEK)	72	4.428	4.428	0.000	98	10080	25.0	26.2	
47 Ethyl acetate	70	4.440	4.434	0.006	96	3750	10.0	10.2	
48 Methyl acrylate	55	4.495	4.495	0.000	95	14196	5.00	5.30	
46 Propionitrile	54	4.581	4.580	0.001	97	22507	50.0	53.5	
49 Chlorobromomethane	128	4.654	4.654	0.000	82	11735	5.00	6.00	
51 Tetrahydrofuran	72	4.660	4.654	0.006	72	4382	10.0	11.0	
50 Methacrylonitrile	67	4.696	4.696	0.000	89	75171	50.0	55.4	
52 Chloroform	83	4.715	4.715	0.000	93	39941	5.00	5.65	
55 Cyclohexane	84	4.849	4.849	0.000	90	27538	5.00	5.55	
54 1,1,1-Trichloroethane	97	4.873	4.873	0.000	60	35086	5.00	5.56	
\$ 53 Dibromofluoromethane (Surr)	113	4.898	4.897	0.001	96	205800	50.0	52.3	
56 Carbon tetrachloride	117	5.007	5.007	0.000	90	31489	5.00	5.53	
57 1,1-Dichloropropene	75	5.050	5.050	0.000	96	30136	5.00	5.69	
59 Isobutyl alcohol	43	5.209	5.208	0.001	91	21733	125.0	132.1	
62 Isooctane	57	5.245	5.245	0.000	98	41694	5.00	5.24	
60 Benzene	78	5.276	5.275	0.001	94	79972	5.00	5.29	
\$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.300	5.300	0.000	91	209072	50.0	52.0	
64 Tert-amyl methyl ether	73	5.361	5.361	0.000	81	46821	5.00	5.03	
63 Isopropyl acetate	61	5.373	5.367	0.006	94	9218	5.00	5.38	
61 1,2-Dichloroethane	62	5.385	5.385	0.000	90	26393	5.00	5.50	
66 n-Heptane	43	5.465	5.464	0.001	92	19080	5.00	6.21	
* 65 Fluorobenzene	96	5.611	5.617	-0.006	99	718904	50.0	50.0	
68 n-Butanol	56	5.989	5.989	0.000	89	10069	125.0	139.8	
67 Trichloroethene	95	6.019	6.019	0.000	93	22246	5.00	5.25	
70 Methylcyclohexane	83	6.160	6.159	0.001	92	28007	5.00	5.61	
69 Ethyl acrylate	55	6.190	6.184	0.006	97	41067	5.00	5.40	a
71 1,2-Dichloropropane	63	6.367	6.367	0.000	92	21726	5.00	5.50	
* 73 1,4-Dioxane-d8	96	6.440	6.440	0.000	1	38128	1000.0	1000.0	
75 Methyl methacrylate	100	6.477	6.476	0.001	85	8793	10.0	10.6	
74 1,4-Dioxane	88	6.507	6.507	0.000	43	4192	100.0	108.5	
72 Dibromomethane	93	6.513	6.513	0.000	94	14166	5.00	5.84	
76 n-Propyl acetate	43	6.550	6.550	0.000	96	20984	5.00	5.00	
77 Dichlorobromomethane	83	6.696	6.696	0.000	94	29914	5.00	5.47	
78 2-Nitropropane	41	7.111	7.111	0.001	82	8170	10.0	11.5	
79 2-Chloroethyl vinyl ether	106	7.117	7.123	-0.006	70	2691	5.01	5.11	
80 Epichlorohydrin	57	7.239	7.238	0.001	98	33314	100.0	105.5	
81 cis-1,3-Dichloropropene	75	7.294	7.300	-0.006	83	34463	5.00	5.16	
82 4-Methyl-2-pentanone (MIBK)	43	7.513	7.513	0.000	95	66393	25.0	26.0	

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	7.586	7.586	0.000	99	662745	50.0	49.6	
84 Toluene	91	7.678	7.677	0.001	93	87867	5.00	5.26	
85 trans-1,3-Dichloropropene	75	8.110	8.110	0.000	91	30250	5.00	5.24	
86 Ethyl methacrylate	69	8.171	8.171	0.000	85	20665	5.00	5.22	
87 1,1,2-Trichloroethane	83	8.360	8.366	-0.006	92	16294	5.00	5.55	
88 Tetrachloroethene	166	8.397	8.397	0.000	89	22756	5.00	5.55	
89 1,3-Dichloropropane	76	8.616	8.616	0.000	85	31068	5.00	5.51	
90 2-Hexanone	43	8.720	8.720	0.000	97	47492	25.0	26.6	
93 n-Butyl acetate	43	8.872	8.866	0.006	97	23177	5.00	5.51	
91 Chlorodibromomethane	129	8.885	8.885	0.000	91	20779	5.00	5.14	
92 Ethylene Dibromide	107	9.068	9.067	0.001	92	19452	5.00	5.30	
* 94 Chlorobenzene-d5	117	9.738	9.738	0.000	83	545491	50.0	50.0	
95 Chlorobenzene	112	9.781	9.781	0.000	94	58190	5.00	5.43	
97 Ethylbenzene	106	9.921	9.921	0.000	98	29742	5.00	5.43	
96 1,1,1,2-Tetrachloroethane	131	9.933	9.933	0.000	43	19614	5.00	4.99	
98 m-Xylene & p-Xylene	106	10.122	10.122	0.000	96	36372	5.00	5.26	
99 o-Xylene	106	10.762	10.756	0.006	93	33775	5.00	5.28	
101 n-Butyl acrylate	73	10.787	10.787	0.000	97	13438	5.00	5.49	
100 Styrene	104	10.811	10.811	0.000	95	55636	5.00	5.22	
102 Bromoform	173	11.122	11.122	0.000	90	13087	5.00	5.30	
103 Amyl acetate (mixed isomers)	43	11.165	11.165	0.000	92	26369	5.00	5.45	
104 Isopropylbenzene	105	11.335	11.335	0.000	95	84645	5.00	5.48	
\$ 105 4-Bromofluorobenzene	174	11.616	11.616	0.000	88	196863	50.0	50.1	
106 Bromobenzene	156	11.787	11.786	0.001	97	21204	5.00	5.32	
107 1,1,2,2-Tetrachloroethane	83	11.884	11.884	0.000	88	20867	5.00	5.08	
110 N-Propylbenzene	91	11.915	11.915	0.001	99	99773	5.00	5.46	
108 1,2,3-Trichloropropane	110	11.939	11.939	0.000	95	6324	5.00	5.20	
109 trans-1,4-Dichloro-2-butene	53	11.982	11.982	0.000	88	4447	5.00	4.82	
111 2-Chlorotoluene	91	12.037	12.036	0.001	95	69886	5.00	5.49	
112 4-Ethyltoluene	105	12.073	12.067	0.006	97	83066	5.00	5.51	
114 1,3,5-Trimethylbenzene	105	12.158	12.158	0.000	92	65832	5.00	5.39	
113 4-Chlorotoluene	91	12.189	12.189	0.000	97	71513	5.00	5.59	
115 Butyl Methacrylate	87	12.317	12.317	0.000	87	20802	5.00	5.05	
116 tert-Butylbenzene	119	12.524	12.524	0.000	92	55608	5.00	5.52	
117 1,2,4-Trimethylbenzene	105	12.597	12.597	0.000	96	65688	5.00	5.45	
118 sec-Butylbenzene	105	12.774	12.774	0.000	98	79376	5.00	5.56	
119 1,3-Dichlorobenzene	146	12.914	12.914	0.000	95	35974	5.00	5.25	
122 4-Isopropyltoluene	119	12.939	12.939	0.000	88	63217	5.00	5.43	
* 120 1,4-Dichlorobenzene-d4	152	13.000	13.000	0.000	95	264386	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.024	13.024	0.000	89	38507	5.00	5.47	
123 1,2,3-Trimethylbenzene	105	13.061	13.055	0.006	98	68264	5.00	5.55	
124 Benzyl chloride	91	13.189	13.189	0.000	98	39533	5.00	5.06	
125 2,3-Dihydroindene	117	13.250	13.250	0.000	90	64307	5.00	5.47	
127 p-Diethylbenzene	119	13.335	13.335	0.000	88	30386	5.00	5.00	
128 n-Butylbenzene	92	13.359	13.359	0.000	98	32828	5.00	5.41	
126 1,2-Dichlorobenzene	146	13.402	13.402	0.000	94	33840	5.00	5.42	
130 1,2,4,5-Tetramethylbenzene	119	14.079	14.079	0.000	96	48847	5.00	5.10	
129 1,2-Dibromo-3-Chloropropane	157	14.158	14.158	0.000	86	3864	5.00	4.99	
131 1,3,5-Trichlorobenzene	180	14.286	14.286	0.000	95	19207	5.00	5.44	
132 1,2,4-Trichlorobenzene	180	14.823	14.823	0.001	92	14898	5.00	5.26	
133 Hexachlorobutadiene	225	14.914	14.914	0.000	79	6667	5.00	5.25	
134 Naphthalene	128	15.030	15.030	0.000	99	38045	5.00	5.00	

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	15.219	15.213	0.006	90	11139	5.00	4.79	
S 136 1,2-Dichloroethene, Total	100				0		10.0	10.8	
S 137 Xylenes, Total	100				0		10.0	10.5	
S 140 Total BTEX	1				0		25.0	26.5	
S 139 1,3-Dichloropropene, Total	1				0		10.0	10.4	
S 138 Total 1,2-dichloroethene	1				0			10.8	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

8260MIX1COMB_00159

Amount Added: 10.00

Units: uL

ACROLEIN W_00144

Amount Added: 4.00

Units: uL

524freon_00057

Amount Added: 10.00

Units: uL

GASES Li_00493

Amount Added: 10.00

Units: uL

VOA6IS/SURR_00061

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652583.D

Injection Date: 14-Sep-2022 19:57:14

Instrument ID: CVOAMS15

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

Worklist Smp#: 6

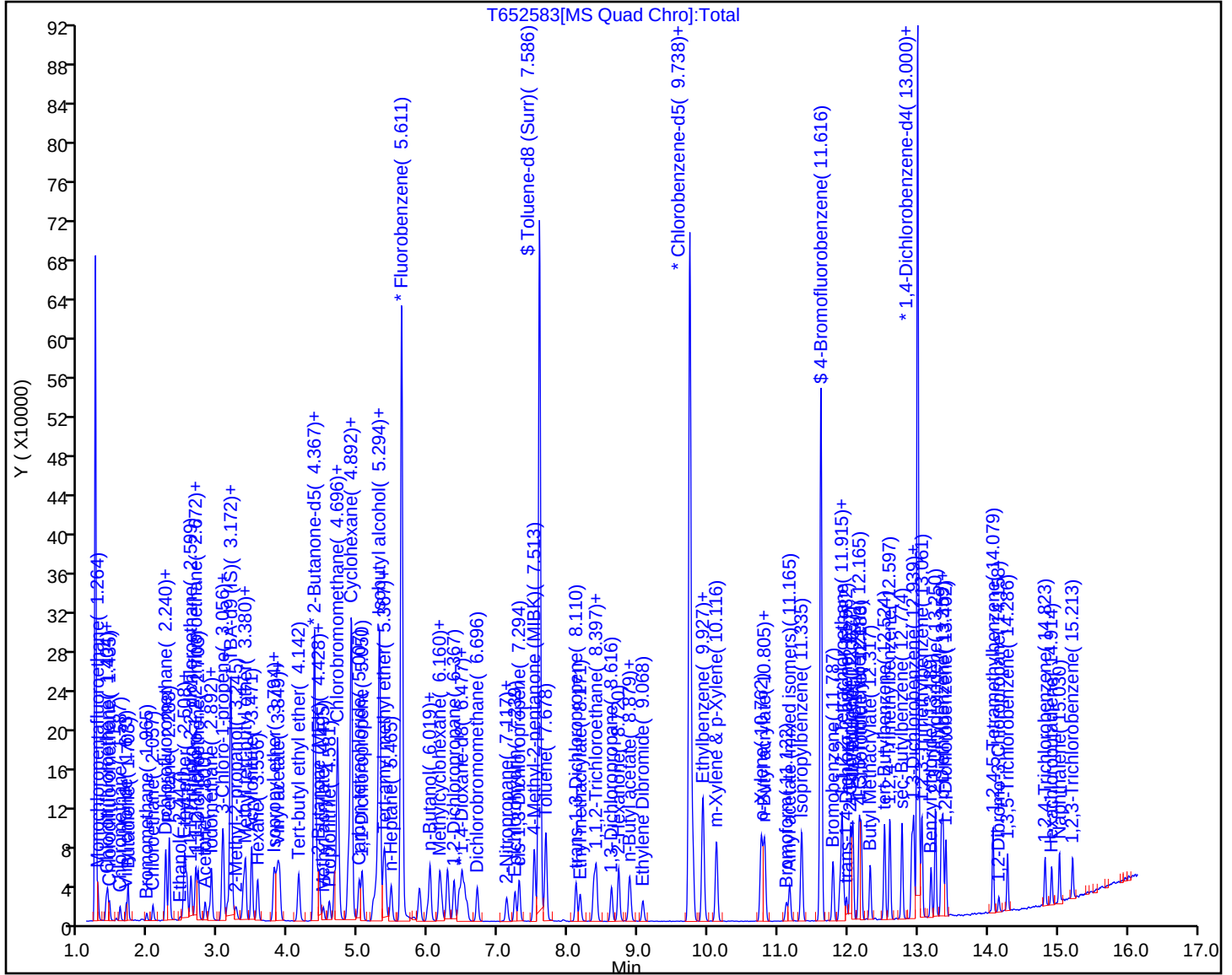
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652583.D

Injection Date: 14-Sep-2022 19:57:14

Instrument ID: CVOAMS15

Lims ID: STD5

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 6

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_15

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

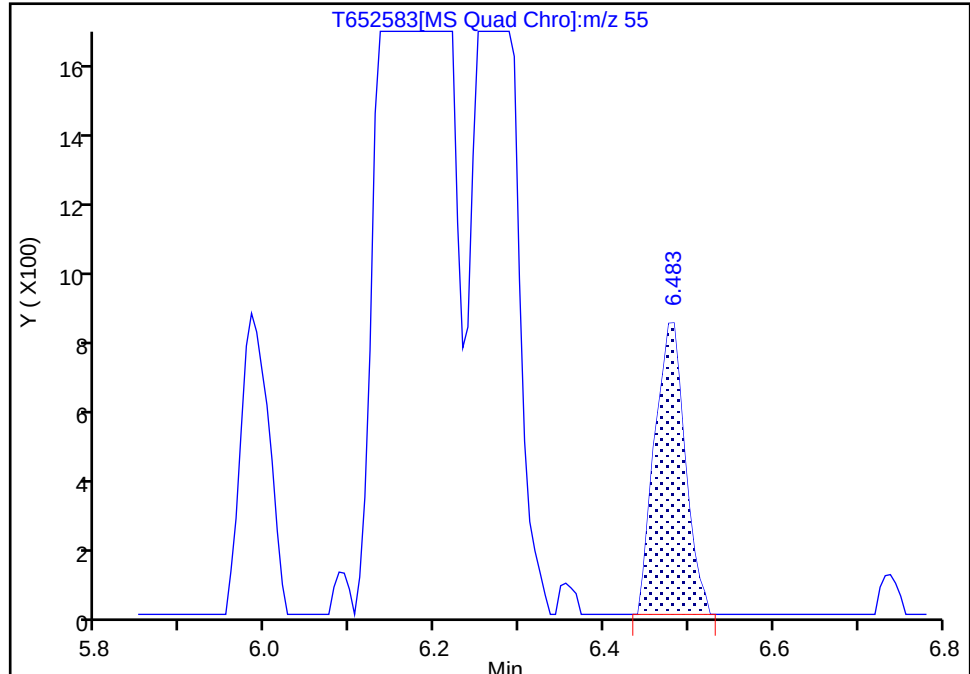
MS Quad

69 Ethyl acrylate, CAS: 140-88-5

Signal: 1

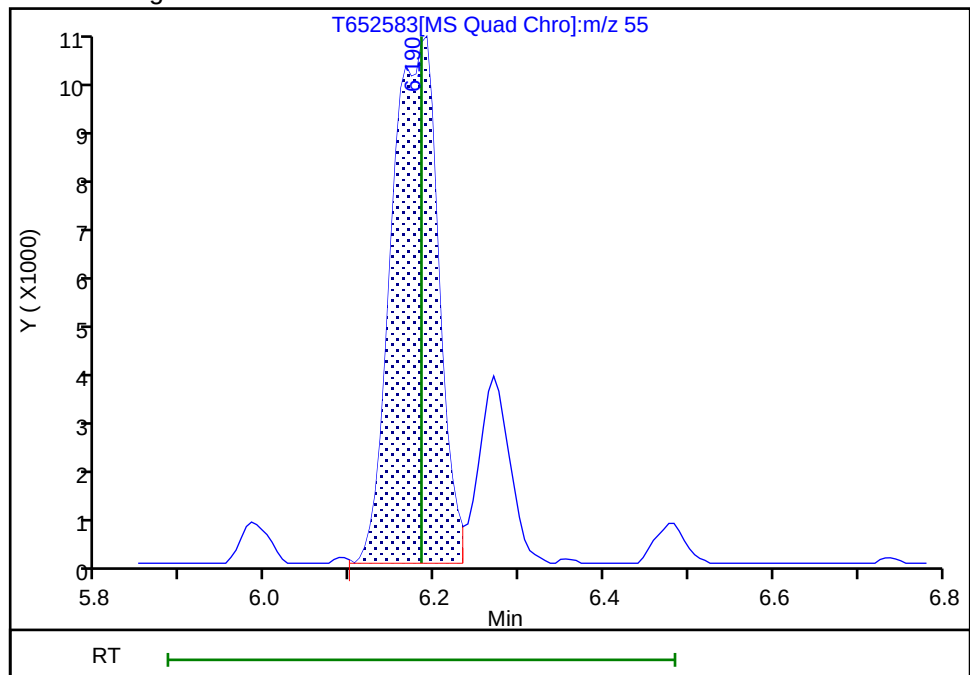
RT: 6.48
Area: 2017
Amount: 0.311006
Amount Units: ug/l

Processing Integration Results



RT: 6.19
Area: 41067
Amount: 5.402758
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 15-Sep-2022 20:10:51

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652584.D
 Lims ID: STD20
 Client ID:
 Sample Type: ICIS Calib Level: 4
 Inject. Date: 14-Sep-2022 20:18:36 ALS Bottle#: 0 Worklist Smp#: 7
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD20
 Misc. Info.: 460-0150379-007
 Operator ID: Instrument ID: CVOAMS15
 Sublist: chrom-8260W_15*sub18
 Method: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\8260W_15.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 15-Sep-2022 20:41:49 Calib Date: 14-Sep-2022 21:22:51
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652587.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1674

First Level Reviewer: W9CM

Date: 15-Sep-2022 20:23:07

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.276	1.276	0.000	69	7728	20.0	33.8	
3 Chlorotrifluoroethene	116	1.380	1.380	0.000	87	19553	20.0	31.3	
2 1,1-Difluoroethane	65	1.392	1.392	0.000	95	30780	20.0	26.8	
4 Dichlorodifluoromethane	85	1.410	1.410	0.000	88	79283	20.0	19.8	
5 Chlorodifluoromethane	67	1.435	1.435	0.000	79	12017	20.0	22.0	
6 Chloromethane	50	1.587	1.587	0.000	88	51731	20.0	18.6	
7 Vinyl chloride	62	1.672	1.672	0.000	98	53636	20.0	19.5	
8 Butadiene	54	1.703	1.703	0.000	95	52992	20.0	19.3	
9 Bromomethane	94	1.965	1.965	0.000	95	13413	20.0	18.4	
10 Chloroethane	64	2.057	2.057	0.000	98	40098	20.0	18.0	
11 Dichlorofluoromethane	67	2.233	2.233	0.000	89	122681	20.0	19.4	
12 Trichlorofluoromethane	101	2.239	2.239	0.000	81	107292	20.0	19.5	
13 Pentane	72	2.288	2.288	0.000	94	23197	40.0	40.3	
14 Ethanol	46	2.447	2.447	0.000	99	10886	800.0	872.3	
15 Ethyl ether	59	2.496	2.496	0.000	90	50227	20.0	19.4	
17 2-Methyl-1,3-butadiene	53	2.514	2.514	0.000	94	58267	20.0	20.7	
16 1,2-Dichloro-1,1,2-trifluoroethane	117	2.538	2.538	0.000	88	61078	20.0	20.6	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.599	2.599	0.000	96	106382	20.0	20.0	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.666	2.666	0.000	93	75674	20.0	21.8	
19 Acrolein	56	2.672	2.672	0.000	48	18172	40.0	35.2	
20 1,1-Dichloroethene	96	2.703	2.703	0.000	88	66660	20.0	20.7	
22 Acetone	43	2.806	2.806	0.000	87	76519	100.0	90.0	
23 Iodomethane	142	2.861	2.861	0.000	98	64594	20.0	16.2	M
25 Isopropyl alcohol	45	2.892	2.892	0.000	32	33146	200.0	199.7	
24 Carbon disulfide	76	2.892	2.892	0.000	98	215688	20.0	19.9	
27 3-Chloro-1-propene	76	3.044	3.044	0.000	91	45543	20.0	22.7	
29 Cyclopentene	67	3.062	3.062	0.000	93	160836	20.0	20.1	
28 Methyl acetate	43	3.062	3.062	0.000	65	84139	40.0	41.0	
26 Acetonitrile	41	3.123	3.123	0.000	98	71263	200.0	219.2	
* 31 TBA-d9 (IS)	66	3.166	3.166	0.000	97	46424	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	3.178	3.178	0.000	61	75729	20.0	18.9	
32 2-Methyl-2-propanol	59	3.245	3.245	0.000	98	54552	200.0	196.2	
35 Methyl tert-butyl ether	73	3.355	3.355	0.000	97	180117	20.0	20.7	
34 trans-1,2-Dichloroethene	96	3.379	3.379	0.000	85	73722	20.0	19.1	
33 Acrylonitrile	53	3.471	3.471	0.000	94	224060	200.0	209.5	
36 Hexane	57	3.556	3.556	0.000	91	87450	20.0	22.1	
40 Isopropyl ether	45	3.788	3.788	0.000	97	192543	20.0	20.6	
37 1,1-Dichloroethane	63	3.818	3.818	0.000	94	134273	20.0	20.0	
38 Vinyl acetate	86	3.843	3.843	0.000	99	28965	40.0	38.3	
39 2-Chloro-1,3-butadiene	88	3.867	3.867	0.000	86	66763	20.0	20.4	
41 Tert-butyl ethyl ether	59	4.142	4.142	0.000	89	191880	20.0	21.0	
* 42 2-Butanone-d5	46	4.367	4.367	0.000	90	338611	250.0	250.0	
44 2,2-Dichloropropane	97	4.367	4.367	0.000	62	26857	20.0	18.2	
43 cis-1,2-Dichloroethene	96	4.398	4.398	0.000	93	81504	20.0	19.1	
45 2-Butanone (MEK)	72	4.428	4.428	0.000	97	35907	100.0	96.7	
47 Ethyl acetate	70	4.434	4.434	0.000	95	13764	40.0	39.0	
48 Methyl acrylate	55	4.495	4.495	0.000	99	51852	20.0	20.4	
46 Propionitrile	54	4.580	4.580	0.000	97	80841	200.0	192.3	
49 Chlorobromomethane	128	4.654	4.654	0.000	82	36801	20.0	19.8	
51 Tetrahydrofuran	72	4.654	4.654	0.000	74	15004	40.0	39.1	
50 Methacrylonitrile	67	4.696	4.696	0.000	89	269544	200.0	209.1	
52 Chloroform	83	4.715	4.715	0.000	93	135100	20.0	20.1	
55 Cyclohexane	84	4.849	4.849	0.000	89	98542	20.0	20.9	
54 1,1,1-Trichloroethane	97	4.873	4.873	0.000	93	117216	20.0	19.6	
\$ 53 Dibromofluoromethane (Surr)	113	4.898	4.898	0.000	96	184862	50.0	49.4	
56 Carbon tetrachloride	117	5.007	5.007	0.000	89	105084	20.0	19.4	
57 1,1-Dichloropropene	75	5.050	5.050	0.000	96	99221	20.0	19.7	
59 Isobutyl alcohol	43	5.208	5.208	0.000	96	77229	500.0	470.0	
62 Isooctane	57	5.245	5.245	0.000	99	157564	20.0	20.8	a
60 Benzene	78	5.275	5.275	0.000	96	287141	20.0	20.8	
\$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.300	5.300	0.000	91	186754	50.0	48.9	
64 Tert-amyl methyl ether	73	5.361	5.361	0.000	83	181278	20.0	20.5	
63 Isopropyl acetate	61	5.367	5.367	0.000	89	32046	20.0	19.7	
61 1,2-Dichloroethane	62	5.385	5.385	0.000	89	87044	20.0	19.1	
66 n-Heptane	43	5.464	5.464	0.000	90	65145	20.0	22.3	
* 65 Fluorobenzene	96	5.611	5.611	0.000	99	683264	50.0	50.0	
68 n-Butanol	56	5.989	5.989	0.000	87	36378	500.0	505.6	
67 Trichloroethene	95	6.019	6.019	0.000	95	77726	20.0	19.3	
70 Methylcyclohexane	83	6.159	6.159	0.000	93	100047	20.0	21.1	a
69 Ethyl acrylate	55	6.184	6.184	0.000	97	149218	20.0	20.7	a
71 1,2-Dichloropropane	63	6.367	6.367	0.000	92	73740	20.0	19.7	
* 73 1,4-Dioxane-d8	96	6.440	6.440	0.000	1	36474	1000.0	1000.0	
75 Methyl methacrylate	100	6.476	6.476	0.000	86	32270	40.0	41.1	
74 1,4-Dioxane	88	6.507	6.507	0.000	43	14246	400.0	385.5	
72 Dibromomethane	93	6.513	6.513	0.000	98	47318	20.0	20.5	
76 n-Propyl acetate	43	6.550	6.550	0.000	97	79542	20.0	19.9	
77 Dichlorobromomethane	83	6.696	6.696	0.000	95	102648	20.0	19.8	
78 2-Nitropropane	41	7.111	7.111	0.000	81	27089	40.0	40.2	
79 2-Chloroethyl vinyl ether	106	7.123	7.123	0.000	78	10536	20.0	20.2	
80 Epichlorohydrin	57	7.239	7.239	0.000	98	121528	400.0	399.2	
81 cis-1,3-Dichloropropene	75	7.300	7.300	0.000	84	121309	20.0	19.9	
82 4-Methyl-2-pentanone (MIBK)	43	7.513	7.513	0.000	95	246044	100.0	100.0	

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	7.586	7.586	0.000	99	610351	50.0	50.1	
84 Toluene	91	7.677	7.677	0.000	93	293534	20.0	19.3	
85 trans-1,3-Dichloropropene	75	8.110	8.110	0.000	92	106069	20.0	20.2	
86 Ethyl methacrylate	69	8.171	8.171	0.000	86	75675	20.0	21.0	
87 1,1,2-Trichloroethane	83	8.366	8.366	0.000	92	53436	20.0	20.0	
88 Tetrachloroethene	166	8.397	8.397	0.000	90	74388	20.0	19.9	
89 1,3-Dichloropropane	76	8.616	8.616	0.000	89	105489	20.0	20.5	
90 2-Hexanone	43	8.720	8.720	0.000	93	163886	100.0	95.1	
93 n-Butyl acetate	43	8.866	8.866	0.000	97	77293	20.0	20.2	
91 Chlorodibromomethane	129	8.885	8.885	0.000	95	74611	20.0	20.2	
92 Ethylene Dibromide	107	9.067	9.067	0.000	97	67715	20.0	20.2	
* 94 Chlorobenzene-d5	117	9.738	9.738	0.000	83	497244	50.0	50.0	
95 Chlorobenzene	112	9.781	9.781	0.000	95	191263	20.0	19.6	
97 Ethylbenzene	106	9.921	9.921	0.000	98	102445	20.0	20.5	
96 1,1,1,2-Tetrachloroethane	131	9.933	9.933	0.000	45	70679	20.0	19.7	
98 m-Xylene & p-Xylene	106	10.122	10.122	0.000	96	127467	20.0	20.2	
99 o-Xylene	106	10.756	10.756	0.000	95	122571	20.0	21.0	
101 n-Butyl acrylate	73	10.787	10.787	0.000	98	48056	20.0	21.5	
100 Styrene	104	10.811	10.811	0.000	95	200113	20.0	20.6	
102 Bromoform	173	11.122	11.122	0.000	95	47497	20.0	21.1	
103 Amyl acetate (mixed isomers)	43	11.165	11.165	0.000	92	90320	20.0	19.8	
104 Isopropylbenzene	105	11.335	11.335	0.000	95	285107	20.0	20.2	
\$ 105 4-Bromofluorobenzene	174	11.616	11.616	0.000	90	179797	50.0	50.2	
106 Bromobenzene	156	11.786	11.786	0.000	98	74923	20.0	19.9	
107 1,1,2,2-Tetrachloroethane	83	11.884	11.884	0.000	95	76141	20.0	19.7	
110 N-Propylbenzene	91	11.915	11.915	0.000	99	339625	20.0	19.7	
108 1,2,3-Trichloropropane	110	11.939	11.939	0.000	95	22693	20.0	19.8	
109 trans-1,4-Dichloro-2-butene	53	11.982	11.982	0.000	93	18420	20.0	21.2	
111 2-Chlorotoluene	91	12.036	12.036	0.000	95	237657	20.0	19.8	
112 4-Ethyltoluene	105	12.067	12.067	0.000	97	286874	20.0	20.2	
114 1,3,5-Trimethylbenzene	105	12.158	12.158	0.000	92	231927	20.0	20.1	
113 4-Chlorotoluene	91	12.189	12.189	0.000	97	240119	20.0	19.9	
115 Butyl Methacrylate	87	12.317	12.317	0.000	86	77188	20.0	19.9	
116 tert-Butylbenzene	119	12.524	12.524	0.000	94	187556	20.0	19.8	
117 1,2,4-Trimethylbenzene	105	12.597	12.597	0.000	97	226921	20.0	20.0	
118 sec-Butylbenzene	105	12.774	12.774	0.000	99	272841	20.0	20.3	
119 1,3-Dichlorobenzene	146	12.914	12.914	0.000	96	126884	20.0	19.7	
122 4-Isopropyltoluene	119	12.939	12.939	0.000	95	218243	20.0	19.9	
* 120 1,4-Dichlorobenzene-d4	152	13.000	13.000	0.000	95	249143	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.024	13.024	0.000	93	130070	20.0	19.6	
123 1,2,3-Trimethylbenzene	105	13.055	13.055	0.000	98	232912	20.0	20.1	
124 Benzyl chloride	91	13.189	13.189	0.000	99	152131	20.0	20.6	
125 2,3-Dihydroindene	117	13.250	13.250	0.000	90	222049	20.0	20.0	
127 p-Diethylbenzene	119	13.335	13.335	0.000	92	113272	20.0	19.8	
128 n-Butylbenzene	92	13.359	13.359	0.000	97	112390	20.0	19.6	
126 1,2-Dichlorobenzene	146	13.402	13.402	0.000	95	114686	20.0	19.5	
130 1,2,4,5-Tetramethylbenzene	119	14.079	14.079	0.000	96	173611	20.0	19.2	
129 1,2-Dibromo-3-Chloropropane	157	14.158	14.158	0.000	92	14277	20.0	19.6	
131 1,3,5-Trichlorobenzene	180	14.286	14.286	0.000	97	65592	20.0	19.7	
132 1,2,4-Trichlorobenzene	180	14.823	14.823	0.000	94	50053	20.0	18.7	
133 Hexachlorobutadiene	225	14.914	14.914	0.000	88	22997	20.0	19.2	
134 Naphthalene	128	15.030	15.030	0.000	99	138321	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	15.213	15.213	0.000	94	40738	20.0	18.6	
S 136 1,2-Dichloroethene, Total	100				0		40.0	38.2	
S 137 Xylenes, Total	100				0		40.0	41.2	
S 140 Total BTEX	1				0		100.0	101.9	
S 139 1,3-Dichloropropene, Total	1				0		40.0	40.1	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8260MIX1COMB_00159	Amount Added: 20.00	Units: uL	
ACROLEIN W_00144	Amount Added: 4.00	Units: uL	
524freon_00057	Amount Added: 20.00	Units: uL	
GASES Li_00493	Amount Added: 20.00	Units: uL	
VOA6IS/SURR_00061	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652584.D

Injection Date: 14-Sep-2022 20:18:36

Instrument ID: CVOAMS15

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

Worklist Smp#: 7

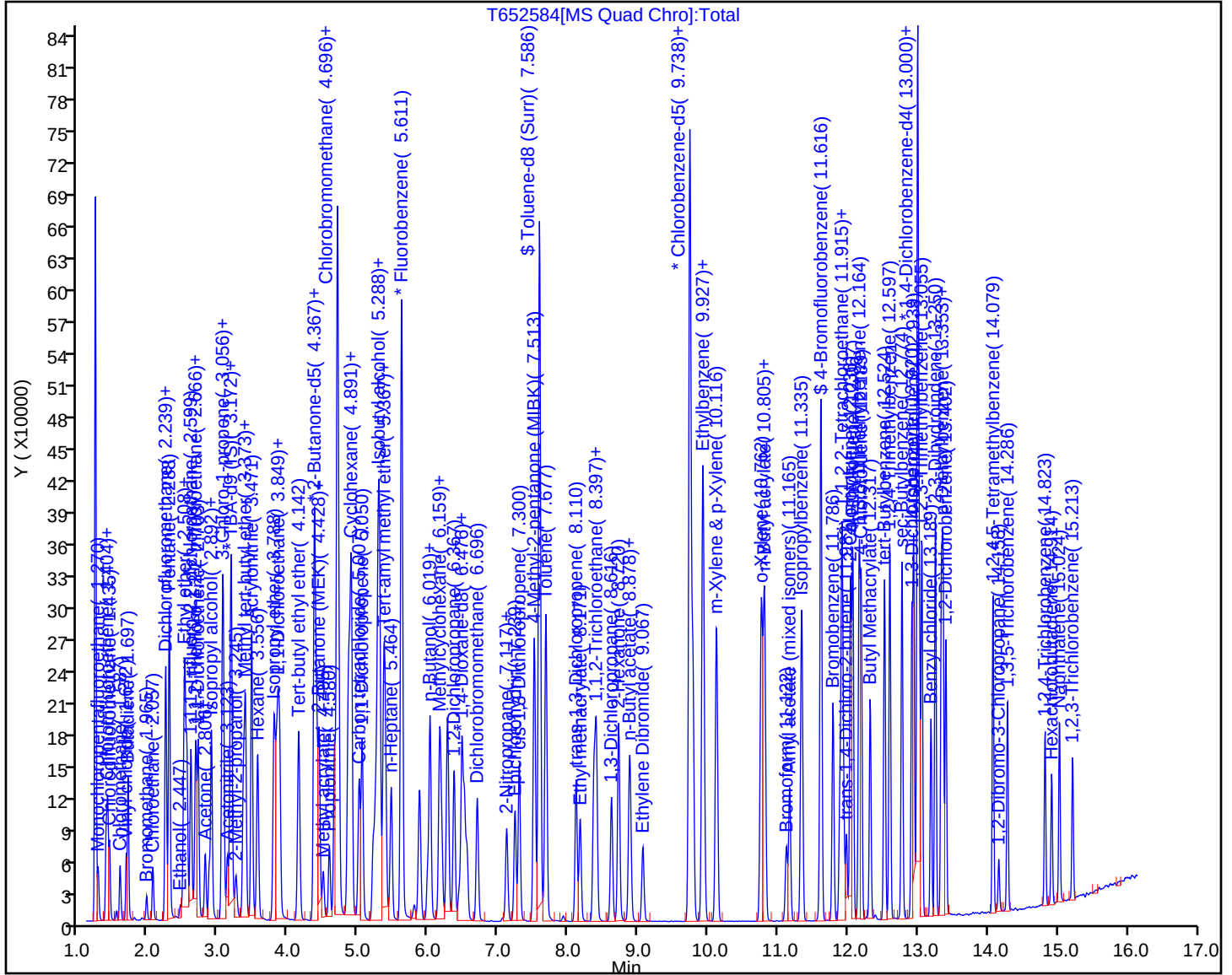
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652584.D

Injection Date: 14-Sep-2022 20:18:36

Instrument ID: CVOAMS15

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

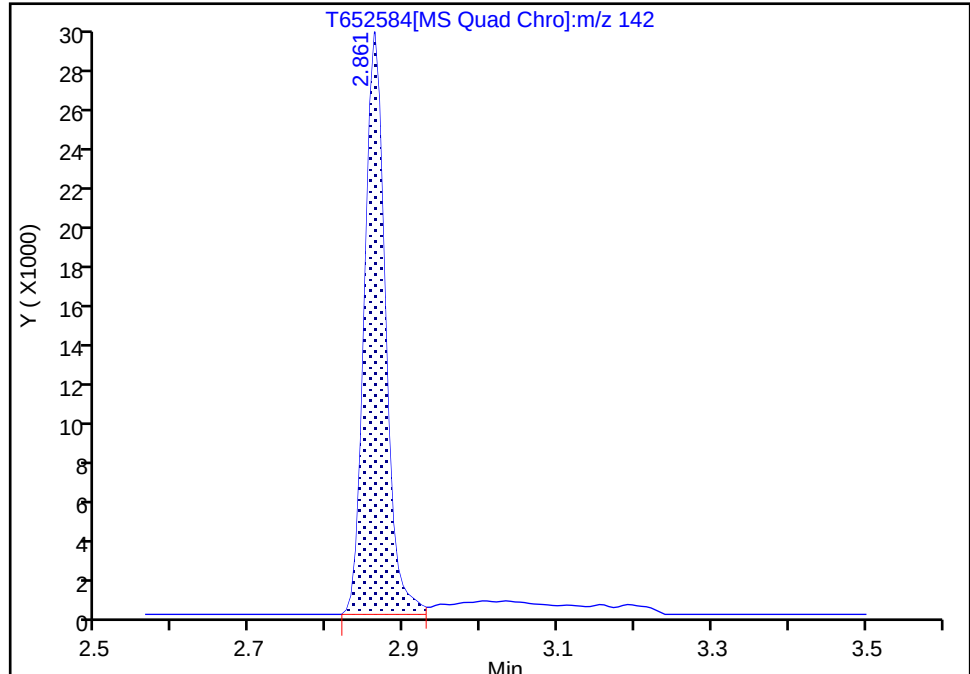
Detector MS Quad

23 Iodomethane, CAS: 74-88-4

Signal: 1

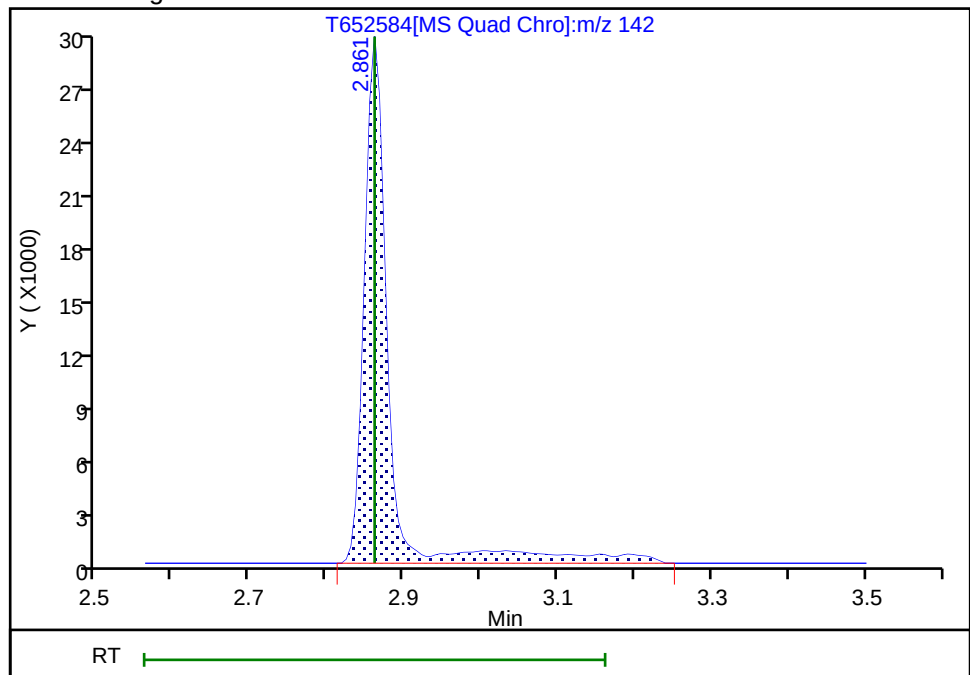
RT: 2.86
Area: 55606
Amount: 13.976958
Amount Units: ug/l

Processing Integration Results



RT: 2.86
Area: 64594
Amount: 16.217813
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 15-Sep-2022 20:07:18

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652584.D

Injection Date: 14-Sep-2022 20:18:36

Instrument ID: CVOAMS15

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_15

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

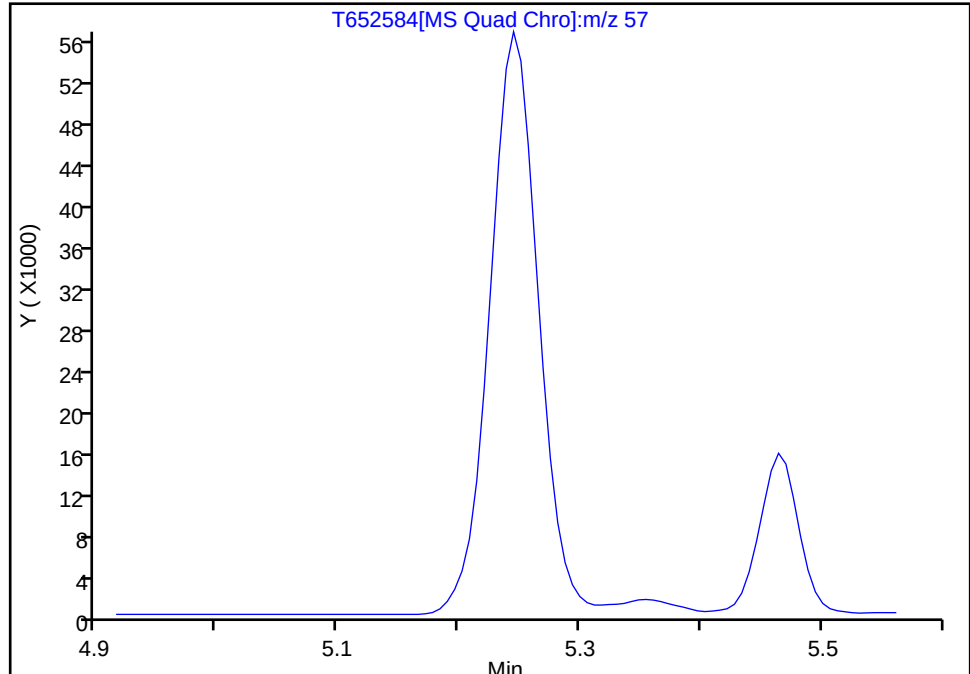
62 Isooctane, CAS: 540-84-1

Signal: 1

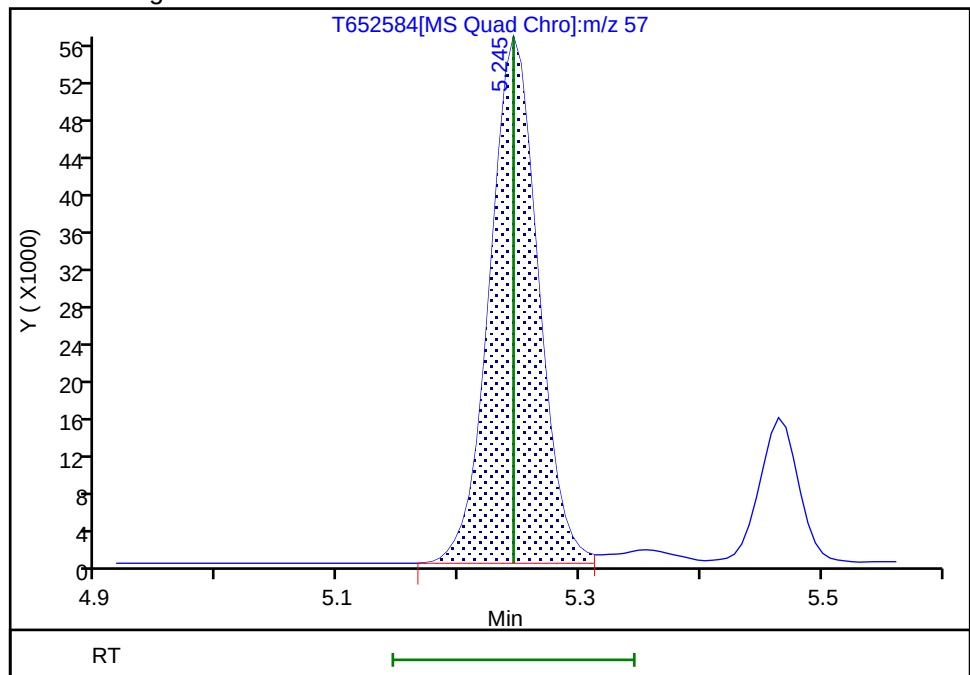
Not Detected

Expected RT: 5.24

Processing Integration Results



Manual Integration Results



RT: 5.24

Area: 157564

Amount: 20.842051

Amount Units: ug/l

Reviewer: W9CM, 15-Sep-2022 19:59:11

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652584.D

Injection Date: 14-Sep-2022 20:18:36

Instrument ID: CVOAMS15

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

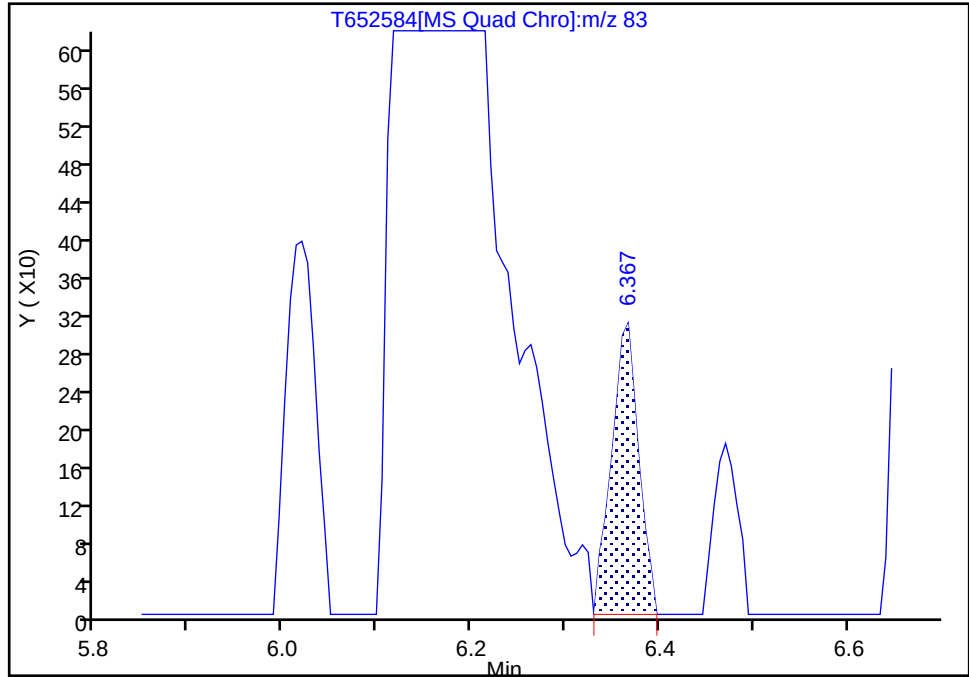
Detector MS Quad

70 Methylcyclohexane, CAS: 108-87-2

Signal: 1

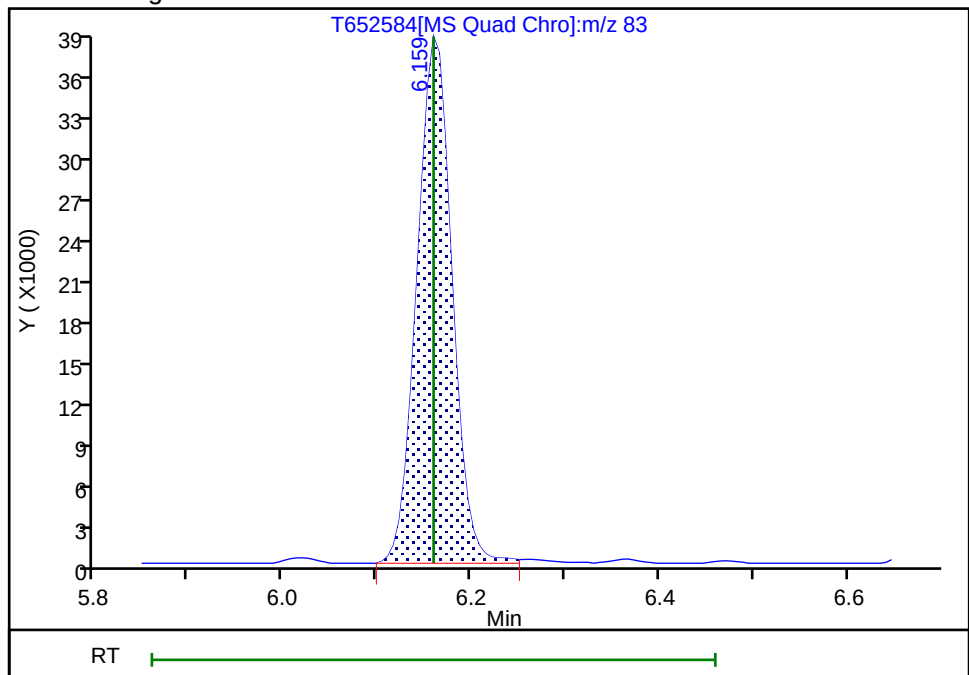
RT: 6.37
Area: 620
Amount: 0.153563
Amount Units: ug/l

Processing Integration Results



RT: 6.16
Area: 100047
Amount: 21.073105
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 15-Sep-2022 19:59:19

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652584.D

Injection Date: 14-Sep-2022 20:18:36

Instrument ID: CVOAMS15

Lims ID: STD20

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

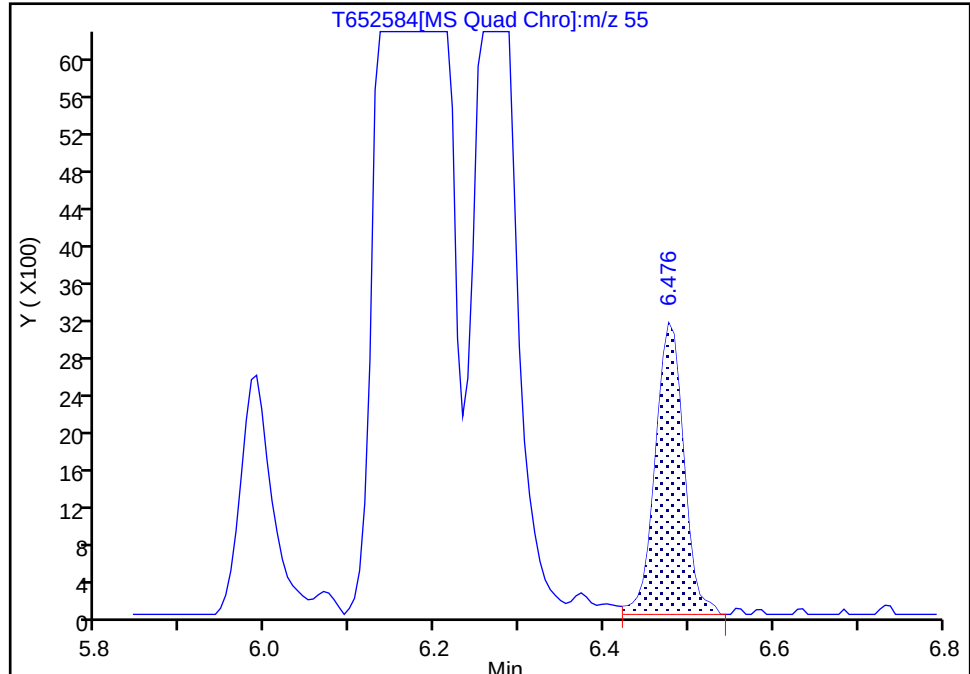
Detector MS Quad

69 Ethyl acrylate, CAS: 140-88-5

Signal: 1

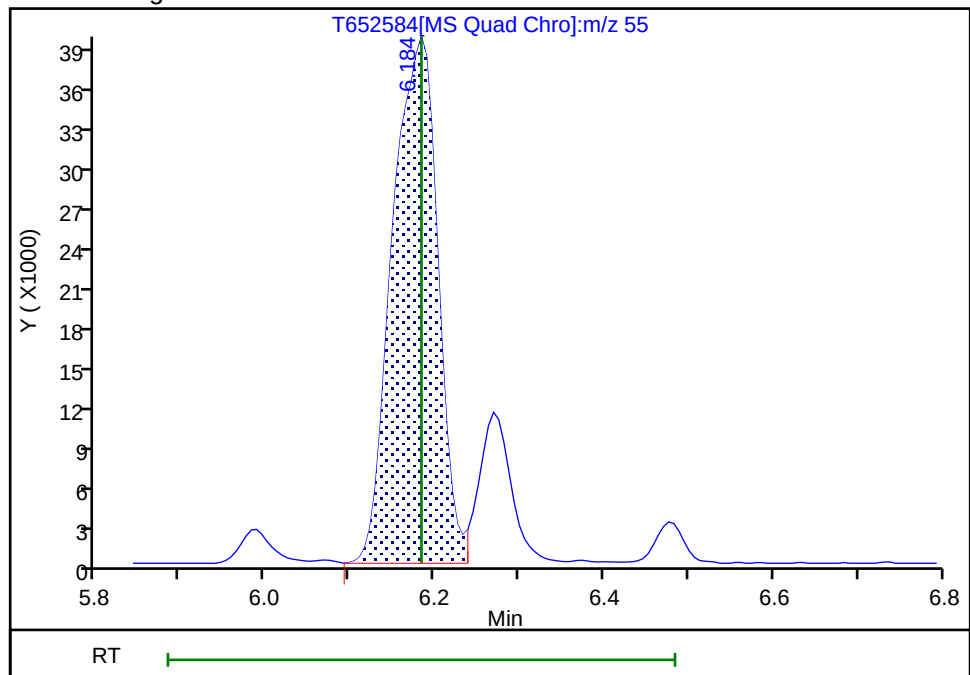
RT: 6.48
Area: 7322
Amount: 3.308235
Amount Units: ug/l

Processing Integration Results



RT: 6.18
Area: 149218
Amount: 20.655044
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 15-Sep-2022 19:59:29

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652585.D
 Lims ID: STD50
 Client ID:
 Sample Type: IC Calib Level: 5
 Inject. Date: 14-Sep-2022 20:40:00 ALS Bottle#: 0 Worklist Smp#: 8
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD50
 Misc. Info.: 460-0150379-008
 Operator ID: Instrument ID: CVOAMS15
 Sublist: chrom-8260W_15*sub18
 Method: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\8260W_15.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 15-Sep-2022 20:41:54 Calib Date: 14-Sep-2022 21:22:51
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652587.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1674

First Level Reviewer: HVW2

Date: 14-Sep-2022 23:40:05

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.276	1.276	0.000	89	18120	50.0	78.3	
3 Chlorotrifluoroethene	116	1.379	1.380	-0.001	89	46838	50.0	74.3	
2 1,1-Difluoroethane	65	1.392	1.392	0.000	95	68144	50.0	58.9	
4 Dichlorodifluoromethane	85	1.410	1.410	0.000	88	184415	50.0	45.6	
5 Chlorodifluoromethane	67	1.434	1.435	-0.001	79	27077	50.0	49.0	
6 Chloromethane	50	1.587	1.587	0.000	99	118595	50.0	42.1	
7 Vinyl chloride	62	1.672	1.672	0.000	98	119340	50.0	43.0	
8 Butadiene	54	1.703	1.703	-0.001	95	112479	50.0	40.6	
9 Bromomethane	94	1.959	1.965	-0.006	97	42404	50.0	50.5	
10 Chloroethane	64	2.050	2.057	-0.007	97	91952	50.0	41.9	
11 Dichlorofluoromethane	67	2.233	2.233	0.000	89	289778	50.0	45.3	
12 Trichlorofluoromethane	101	2.239	2.239	0.000	83	258005	50.0	46.5	
13 Pentane	72	2.288	2.288	0.000	95	56322	100.0	96.2	
14 Ethanol	46	2.452	2.447	0.005	98	24518	2000.0	2055.1	a
15 Ethyl ether	59	2.495	2.496	-0.001	92	118894	50.0	45.4	
17 2-Methyl-1,3-butadiene	53	2.513	2.514	-0.001	94	138077	50.0	48.5	
16 1,2-Dichloro-1,1,2-trifluoroethane	117	2.538	2.538	0.000	88	146902	50.0	48.9	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.599	2.599	0.000	89	247836	50.0	46.0	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.666	2.666	0.000	95	178444	50.0	50.9	
19 Acrolein	56	2.672	2.672	0.000	50	47162	100.0	95.5	
20 1,1-Dichloroethene	96	2.702	2.703	-0.001	89	156777	50.0	48.2	
22 Acetone	43	2.806	2.806	0.000	88	172655	250.0	206.7	
23 Iodomethane	142	2.861	2.861	0.000	99	164513	50.0	41.5	M
25 Isopropyl alcohol	45	2.897	2.892	0.005	32	72580	500.0	457.4	
24 Carbon disulfide	76	2.891	2.892	-0.001	98	513864	50.0	47.0	
27 3-Chloro-1-propene	76	3.044	3.044	0.000	91	103086	50.0	50.8	
29 Cyclopentene	67	3.062	3.062	0.000	94	383701	50.0	47.5	
28 Methyl acetate	43	3.062	3.062	0.000	63	191675	100.0	92.4	
26 Acetonitrile	41	3.123	3.123	0.000	98	159203	500.0	498.1	
* 31 TBA-d9 (IS)	66	3.172	3.166	0.006	94	44379	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	3.178	3.178	0.000	85	174708	50.0	43.2	
32 2-Methyl-2-propanol	59	3.245	3.245	0.000	99	126149	500.0	474.7	
35 Methyl tert-butyl ether	73	3.355	3.355	0.000	96	427901	50.0	48.7	
34 trans-1,2-Dichloroethene	96	3.379	3.379	0.000	84	180978	50.0	46.5	
33 Acrylonitrile	53	3.470	3.471	-0.001	94	511461	500.0	473.1	
36 Hexane	57	3.556	3.556	0.000	90	213569	50.0	53.5	
40 Isopropyl ether	45	3.787	3.788	-0.001	97	470807	50.0	49.7	
37 1,1-Dichloroethane	63	3.818	3.818	0.000	94	313087	50.0	46.1	
38 Vinyl acetate	86	3.842	3.843	-0.001	99	70174	100.0	94.2	
39 2-Chloro-1,3-butadiene	88	3.867	3.867	0.000	86	162547	50.0	49.0	
41 Tert-butyl ethyl ether	59	4.141	4.142	-0.001	90	470924	50.0	50.9	
* 42 2-Butanone-d5	46	4.367	4.367	0.000	80	333635	250.0	250.0	
44 2,2-Dichloropropane	97	4.367	4.367	0.000	86	64643	50.0	43.2	
43 cis-1,2-Dichloroethene	96	4.397	4.398	-0.001	94	200306	50.0	46.4	
45 2-Butanone (MEK)	72	4.428	4.428	0.000	97	84218	250.0	230.3	
47 Ethyl acetate	70	4.440	4.434	0.006	96	33878	100.0	97.3	
48 Methyl acrylate	55	4.495	4.495	0.000	100	129088	50.0	50.1	
46 Propionitrile	54	4.580	4.580	0.000	98	185917	500.0	462.5	
49 Chlorobromomethane	128	4.653	4.654	-0.001	84	84599	50.0	45.0	
51 Tetrahydrofuran	72	4.653	4.654	-0.001	76	36550	100.0	96.6	
50 Methacrylonitrile	67	4.696	4.696	0.000	89	627969	500.0	481.9	
52 Chloroform	83	4.714	4.715	-0.001	87	320666	50.0	47.2	
55 Cyclohexane	84	4.848	4.849	-0.001	88	242487	50.0	50.9	
54 1,1,1-Trichloroethane	97	4.873	4.873	0.000	91	282070	50.0	46.6	
\$ 53 Dibromofluoromethane (Surr)	113	4.897	4.898	-0.001	96	185316	50.0	49.0	
56 Carbon tetrachloride	117	5.007	5.007	0.000	89	255550	50.0	46.7	
57 1,1-Dichloropropene	75	5.049	5.050	-0.001	97	247688	50.0	48.7	
59 Isobutyl alcohol	43	5.208	5.208	0.000	96	191196	1250.0	1217.1	
62 Isooctane	57	5.245	5.245	0.000	99	402785	50.0	52.7	
60 Benzene	78	5.275	5.275	0.000	95	694581	50.0	48.9	
\$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.299	5.300	-0.001	87	188061	50.0	48.7	
64 Tert-amyl methyl ether	73	5.360	5.361	-0.001	83	446339	50.0	49.9	
63 Isopropyl acetate	61	5.366	5.367	-0.001	90	81214	50.0	49.3	
61 1,2-Dichloroethane	62	5.385	5.385	0.000	90	214565	50.0	46.5	
66 n-Heptane	43	5.464	5.464	0.000	89	158862	50.0	53.8	
* 65 Fluorobenzene	96	5.616	5.611	0.005	99	690717	50.0	50.0	
68 n-Butanol	56	5.988	5.989	-0.001	86	86965	1250.0	1264.3	
67 Trichloroethene	95	6.019	6.019	0.000	95	191977	50.0	47.2	
70 Methylcyclohexane	83	6.159	6.159	0.000	95	256645	50.0	53.5	a
69 Ethyl acrylate	55	6.183	6.184	-0.001	97	363686	50.0	49.8	a
71 1,2-Dichloropropane	63	6.366	6.367	-0.001	93	178416	50.0	47.0	
* 73 1,4-Dioxane-d8	96	6.439	6.440	-0.001	1	36975	1000.0	1000.0	
75 Methyl methacrylate	100	6.476	6.476	0.000	86	80820	100.0	101.8	
74 1,4-Dioxane	88	6.507	6.507	-0.001	42	34821	1000.0	929.5	
72 Dibromomethane	93	6.513	6.513	0.000	97	113098	50.0	48.5	
76 n-Propyl acetate	43	6.549	6.550	-0.001	97	188337	50.0	46.7	
77 Dichlorobromomethane	83	6.695	6.696	-0.001	95	243053	50.0	46.3	
78 2-Nitropropane	41	7.110	7.111	0.000	82	64884	100.0	95.7	
79 2-Chloroethyl vinyl ether	106	7.122	7.123	-0.001	80	26254	50.1	49.3	
80 Epichlorohydrin	57	7.238	7.239	-0.001	98	284061	1000.0	947.1	
81 cis-1,3-Dichloropropene	75	7.299	7.300	-0.001	84	300684	50.0	47.9	
82 4-Methyl-2-pentanone (MIBK)	43	7.512	7.513	-0.001	94	582082	250.0	240.2	

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	7.586	7.586	0.000	100	619737	50.0	49.3	
84 Toluene	91	7.677	7.677	0.000	94	727740	50.0	46.4	
85 trans-1,3-Dichloropropene	75	8.110	8.110	0.000	92	265549	50.0	49.0	
86 Ethyl methacrylate	69	8.171	8.171	0.000	87	184991	50.0	49.7	
87 1,1,2-Trichloroethane	83	8.366	8.366	0.000	93	131453	50.0	47.7	
88 Tetrachloroethene	166	8.396	8.397	-0.001	89	182756	50.0	47.4	
89 1,3-Dichloropropane	76	8.616	8.616	0.000	89	254397	50.0	48.0	
90 2-Hexanone	43	8.720	8.720	0.000	94	399783	250.0	235.4	
93 n-Butyl acetate	43	8.872	8.866	0.006	97	188970	50.0	47.8	
91 Chlorodibromomethane	129	8.884	8.885	-0.001	96	184866	50.0	48.6	
92 Ethylene Dibromide	107	9.067	9.067	0.000	98	166017	50.0	48.1	
* 94 Chlorobenzene-d5	117	9.738	9.738	0.000	83	512692	50.0	50.0	
95 Chlorobenzene	112	9.780	9.781	-0.001	95	472368	50.0	46.9	
97 Ethylbenzene	106	9.921	9.921	0.000	98	253843	50.0	49.3	
96 1,1,1,2-Tetrachloroethane	131	9.933	9.933	0.000	44	176924	50.0	47.8	
98 m-Xylene & p-Xylene	106	10.122	10.122	0.000	96	317944	50.0	48.9	
99 o-Xylene	106	10.756	10.756	0.000	95	308965	50.0	51.4	
101 n-Butyl acrylate	73	10.786	10.787	-0.001	98	117214	50.0	51.0	
100 Styrene	104	10.811	10.811	0.000	96	507689	50.0	50.6	
102 Bromoform	173	11.122	11.122	0.000	95	113179	50.0	48.8	
103 Amyl acetate (mixed isomers)	43	11.164	11.165	-0.001	92	219020	50.0	47.6	
104 Isopropylbenzene	105	11.341	11.335	0.006	95	726420	50.0	50.0	
\$ 105 4-Bromofluorobenzene	174	11.615	11.616	-0.001	89	187398	50.0	50.7	
106 Bromobenzene	156	11.786	11.786	0.000	98	182480	50.0	48.1	
107 1,1,2,2-Tetrachloroethane	83	11.884	11.884	0.000	95	185111	50.0	47.4	
110 N-Propylbenzene	91	11.914	11.915	0.000	99	854712	50.0	49.2	
108 1,2,3-Trichloropropane	110	11.938	11.939	-0.001	93	54973	50.0	47.5	
109 trans-1,4-Dichloro-2-butene	53	11.981	11.982	-0.001	94	44881	50.0	51.1	
111 2-Chlorotoluene	91	12.036	12.036	0.000	96	589756	50.0	48.7	
112 4-Ethyltoluene	105	12.073	12.067	0.006	99	719564	50.0	50.2	
114 1,3,5-Trimethylbenzene	105	12.158	12.158	0.000	93	571495	50.0	49.2	
113 4-Chlorotoluene	91	12.188	12.189	-0.001	97	591203	50.0	48.6	
115 Butyl Methacrylate	87	12.316	12.317	-0.001	85	201382	50.0	51.4	
116 tert-Butylbenzene	119	12.524	12.524	0.000	93	470411	50.0	49.1	
117 1,2,4-Trimethylbenzene	105	12.603	12.597	0.006	97	581606	50.0	50.8	
118 sec-Butylbenzene	105	12.774	12.774	0.000	99	684979	50.0	50.5	
119 1,3-Dichlorobenzene	146	12.914	12.914	0.000	96	315811	50.0	48.5	
122 4-Isopropyltoluene	119	12.938	12.939	-0.001	96	561475	50.0	50.7	
* 120 1,4-Dichlorobenzene-d4	152	12.999	13.000	-0.001	94	251362	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.024	13.024	0.000	94	321882	50.0	48.1	
123 1,2,3-Trimethylbenzene	105	13.060	13.055	0.005	98	566760	50.0	48.5	
124 Benzyl chloride	91	13.188	13.189	-0.001	99	369601	50.0	49.7	
125 2,3-Dihydroindene	117	13.255	13.250	0.005	90	550759	50.0	49.3	
127 p-Diethylbenzene	119	13.335	13.335	0.000	92	282980	50.0	49.0	
128 n-Butylbenzene	92	13.359	13.359	0.000	97	283910	50.0	49.2	
126 1,2-Dichlorobenzene	146	13.402	13.402	0.000	96	282758	50.0	47.7	
130 1,2,4,5-Tetramethylbenzene	119	14.078	14.079	-0.001	96	444394	50.0	48.8	
129 1,2-Dibromo-3-Chloropropane	157	14.158	14.158	0.000	96	33480	50.0	45.5	
131 1,3,5-Trichlorobenzene	180	14.286	14.286	0.000	97	161236	50.0	48.0	
132 1,2,4-Trichlorobenzene	180	14.822	14.823	0.000	93	130659	50.0	48.5	
133 Hexachlorobutadiene	225	14.914	14.914	0.000	88	58074	50.0	48.1	
134 Naphthalene	128	15.029	15.030	-0.001	99	345463	50.0	47.8	

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	15.218	15.213	0.005	97	104124	50.0	47.1	
S 136 1,2-Dichloroethene, Total	100				0		100.0	92.9	
S 137 Xylenes, Total	100				0		100.0	100.3	
S 140 Total BTEX	1				0		250.0	244.8	
S 139 1,3-Dichloropropene, Total	1				0		100.0	96.9	
S 138 Total 1,2-dichloroethene	1				0			92.9	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8260MIX1COMB_00159	Amount Added: 50.00	Units: uL	
ACROLEIN W_00144	Amount Added: 10.00	Units: uL	
524freon_00057	Amount Added: 50.00	Units: uL	
GASES Li_00493	Amount Added: 50.00	Units: uL	
VOA6IS/SURR_00061	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652585.D

Injection Date: 14-Sep-2022 20:40:00

Instrument ID: CVOAMS15

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#:

Worklist Smp#: 8

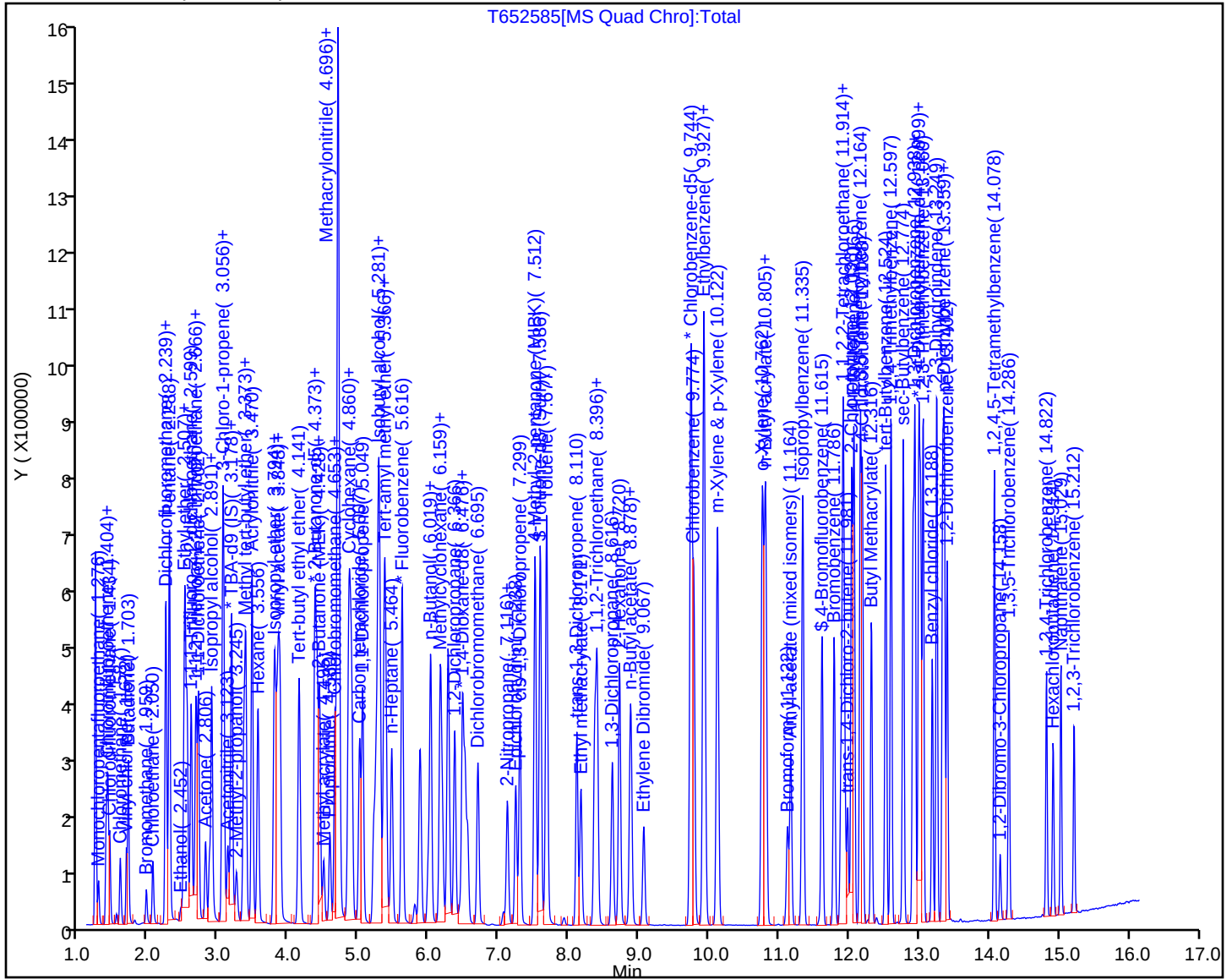
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652585.D

Injection Date: 14-Sep-2022 20:40:00

Instrument ID: CVOAMS15

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

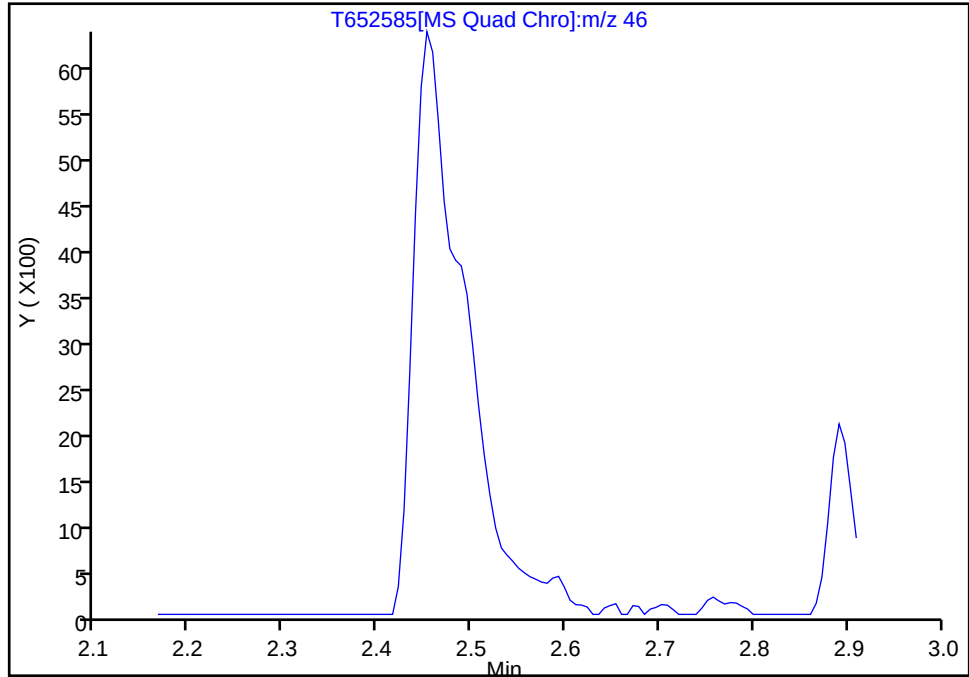
14 Ethanol, CAS: 64-17-5

Signal: 1

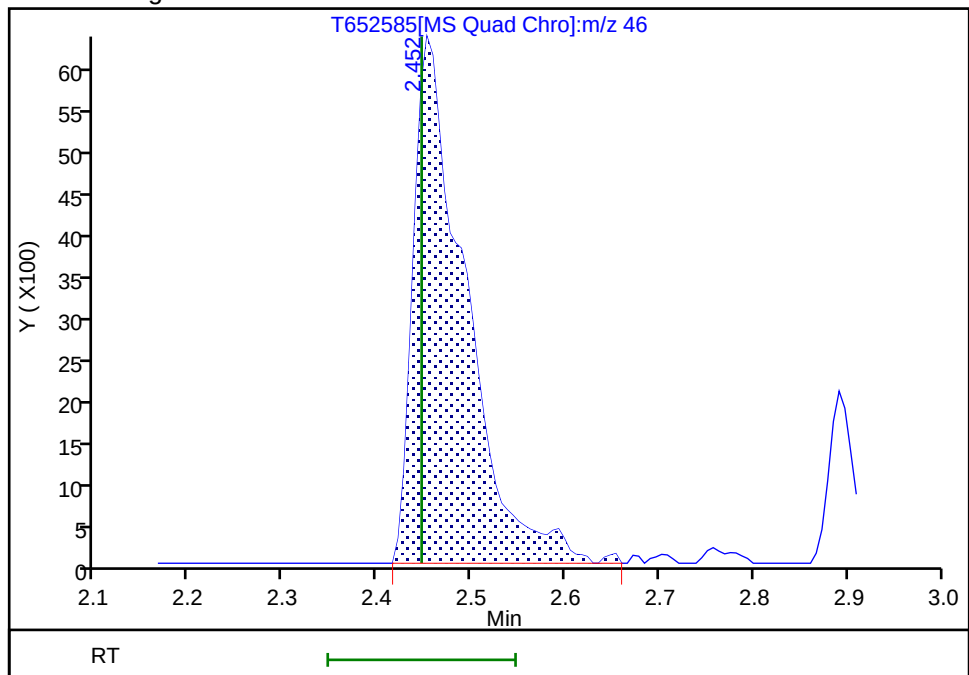
Not Detected

Expected RT: 2.45

Processing Integration Results



Manual Integration Results



RT: 2.45
Area: 24518
Amount: 2055.0716
Amount Units: ug/l

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652585.D

Injection Date: 14-Sep-2022 20:40:00

Instrument ID: CVOAMS15

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

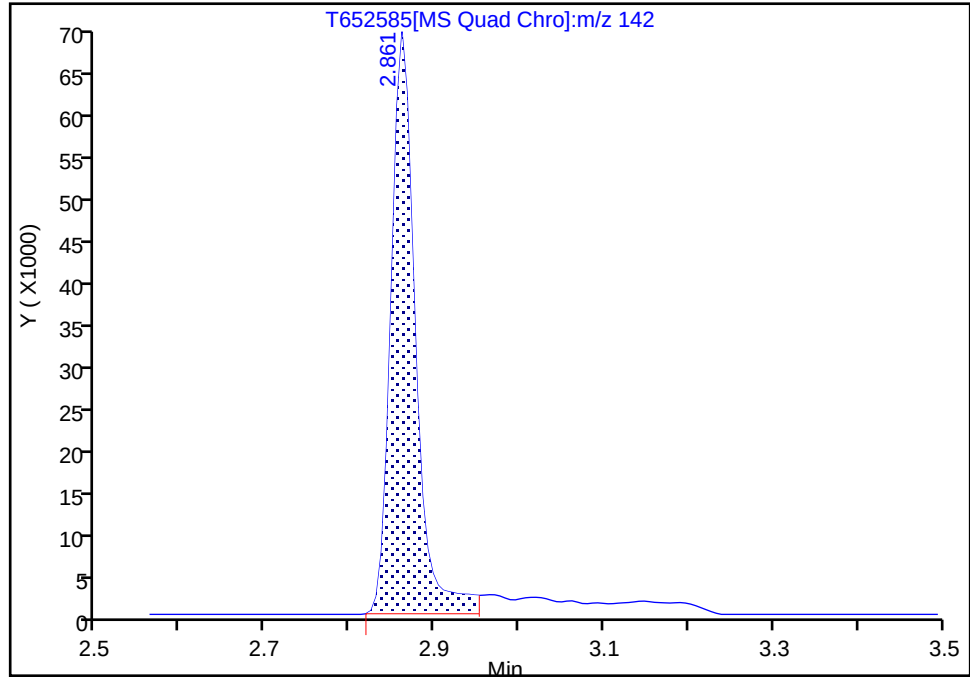
Detector MS Quad

23 Iodomethane, CAS: 74-88-4

Signal: 1

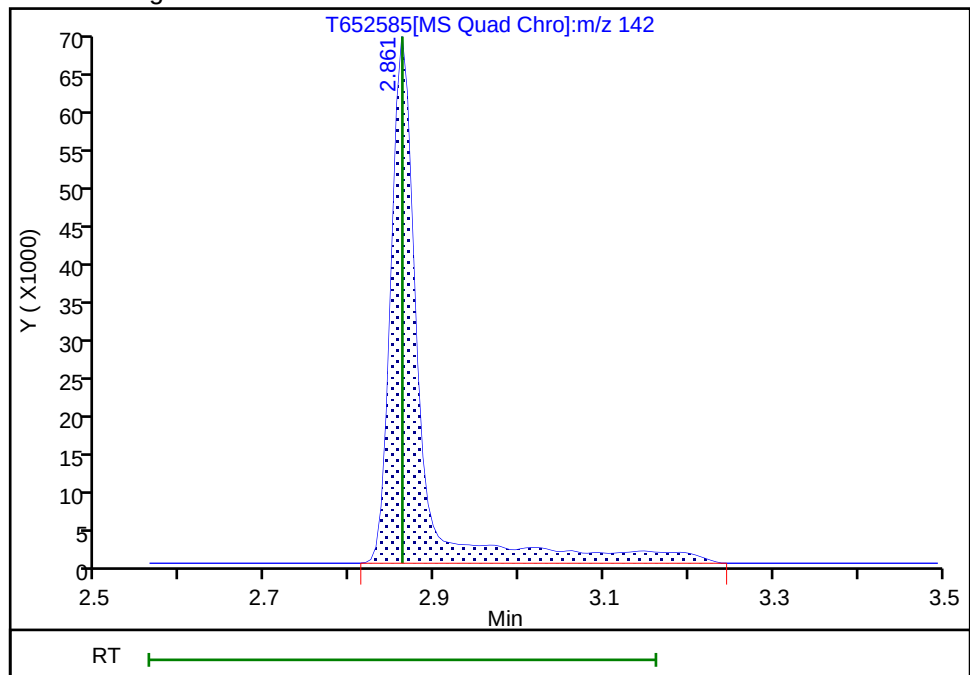
RT: 2.86
Area: 138805
Amount: 36.295925
Amount Units: ug/l

Processing Integration Results



RT: 2.86
Area: 164513
Amount: 41.527537
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 15-Sep-2022 20:02:44

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652585.D

Injection Date: 14-Sep-2022 20:40:00

Instrument ID: CVOAMS15

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

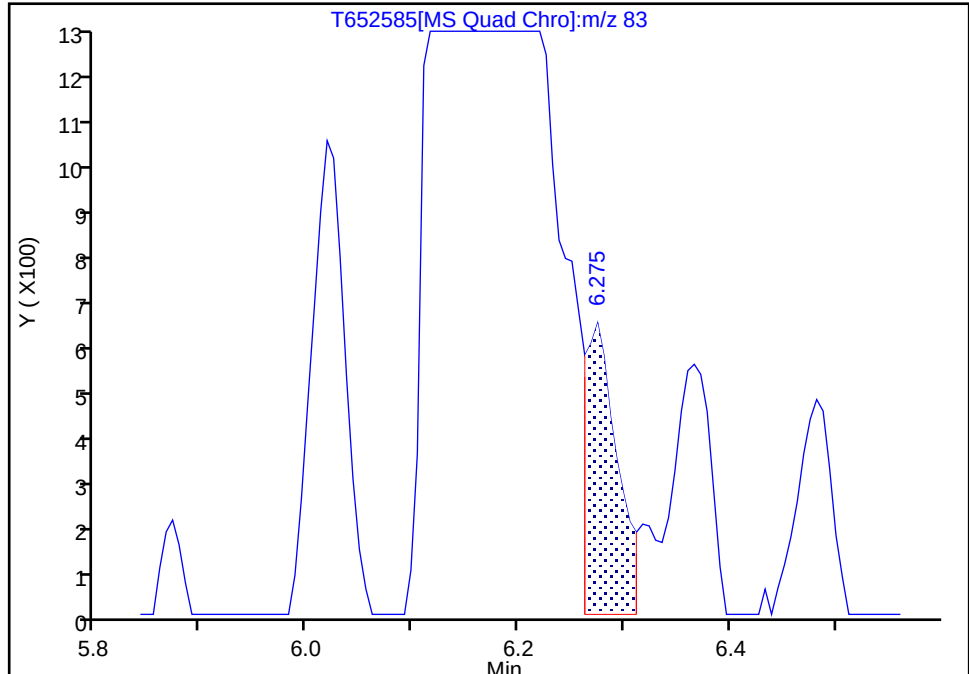
Detector: MS Quad

70 Methylcyclohexane, CAS: 108-87-2

Signal: 1

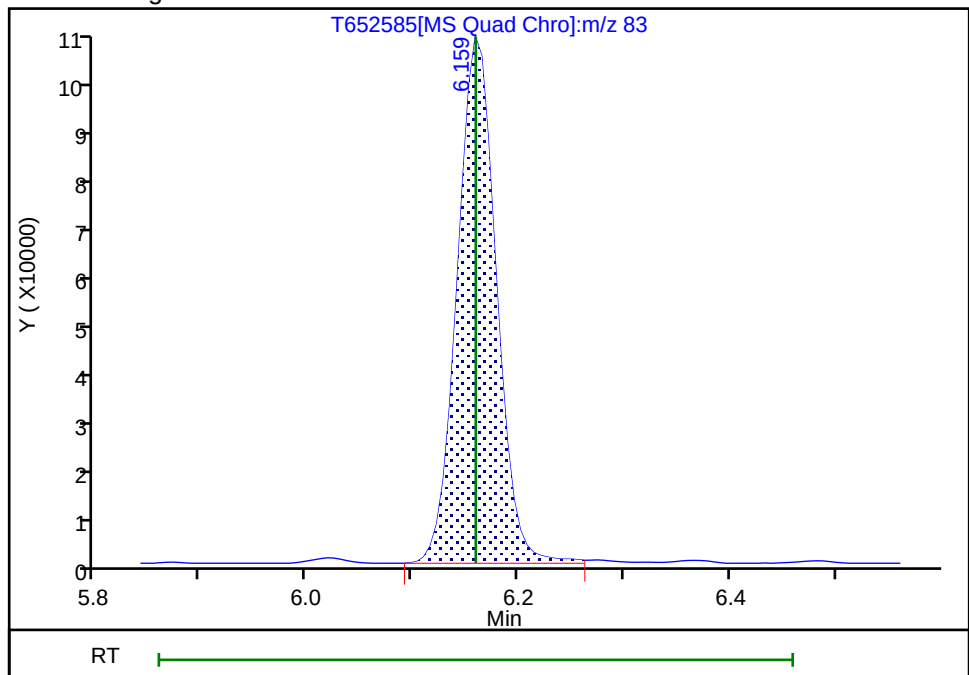
RT: 6.27
Area: 1379
Amount: 0.338815
Amount Units: ug/l

Processing Integration Results



RT: 6.16
Area: 256645
Amount: 53.474368
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 15-Sep-2022 20:03:00

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652585.D

Injection Date: 14-Sep-2022 20:40:00

Instrument ID: CVOAMS15

Lims ID: STD50

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 8

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

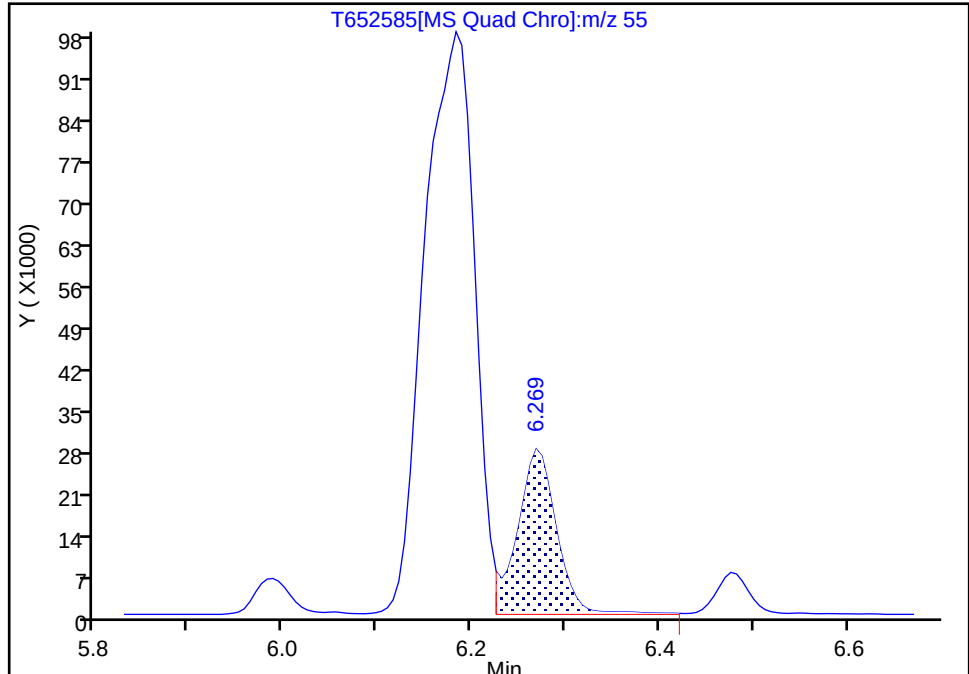
Detector: MS Quad

69 Ethyl acrylate, CAS: 140-88-5

Signal: 1

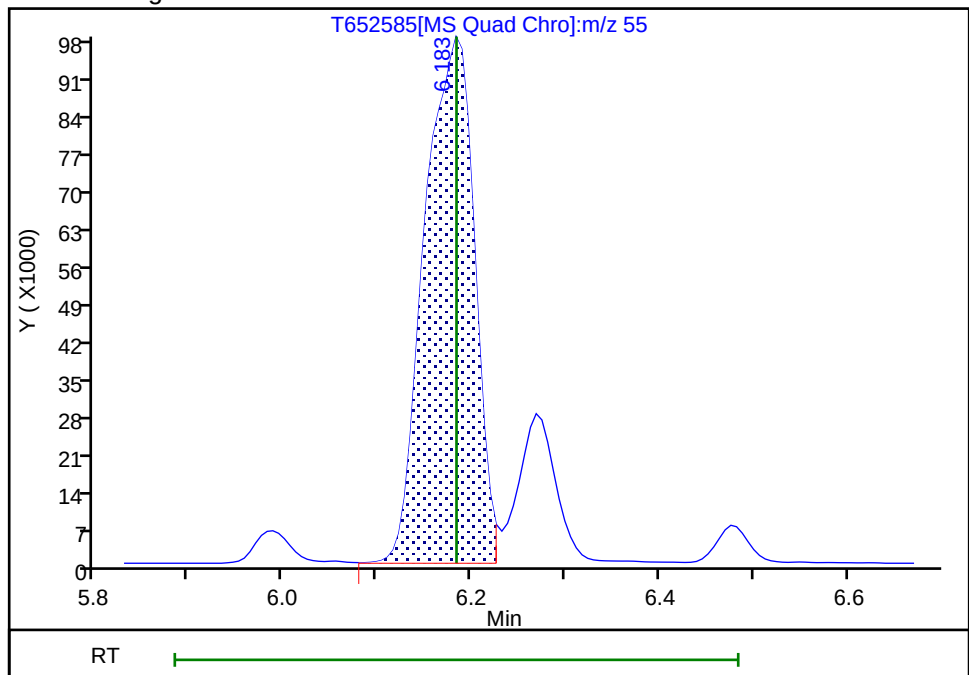
RT: 6.27
Area: 81659
Amount: 23.693335
Amount Units: ug/l

Processing Integration Results



RT: 6.18
Area: 363686
Amount: 49.798916
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 15-Sep-2022 20:03:06

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652586.D
 Lims ID: STD200
 Client ID:
 Sample Type: IC Calib Level: 6
 Inject. Date: 14-Sep-2022 21:01:23 ALS Bottle#: 0 Worklist Smp#: 9
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD200
 Misc. Info.: 460-0150379-009
 Operator ID: Instrument ID: CVOAMS15
 Sublist: chrom-8260W_15*sub18
 Method: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\8260W_15.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 15-Sep-2022 20:42:00 Calib Date: 14-Sep-2022 21:22:51
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652587.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1674

First Level Reviewer: HVW2

Date: 14-Sep-2022 23:42:55

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.276	1.276	0.000	55	4689	200.0	19.8	
3 Chlorotrifluoroethene	116	1.380	1.380	0.000	87	121314	200.0	188.9	
2 1,1-Difluoroethane	65	1.392	1.392	0.000	95	227728	200.0	195.3	
4 Dichlorodifluoromethane	85	1.410	1.410	0.000	88	936494	200.0	226.6	
5 Chlorodifluoromethane	67	1.435	1.435	0.000	79	102074	200.0	181.0	
6 Chloromethane	50	1.581	1.587	-0.006	89	588728	200.0	204.5	
7 Vinyl chloride	62	1.673	1.672	0.000	98	559667	200.0	197.5	
8 Butadiene	54	1.703	1.703	0.000	94	536691	200.0	189.8	
9 Bromomethane	94	1.965	1.965	0.000	99	291060	200.0	200.0	
10 Chloroethane	64	2.050	2.057	-0.007	97	401258	200.0	182.4	
11 Dichlorofluoromethane	67	2.233	2.233	0.000	89	1243811	200.0	190.5	
12 Trichlorofluoromethane	101	2.239	2.239	0.000	78	1130127	200.0	199.4	
13 Pentane	72	2.288	2.288	0.000	95	232981	400.0	387.9	
14 Ethanol	46	2.453	2.447	0.006	99	100814	8000.0	7764.6	
15 Ethyl ether	59	2.496	2.496	0.000	91	503034	200.0	187.9	
17 2-Methyl-1,3-butadiene	53	2.514	2.514	0.000	94	574409	200.0	197.6	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.544	2.538	0.006	86	584178	200.0	190.4	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.599	2.599	0.000	89	1041905	200.0	189.4	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.666	2.666	0.000	96	736731	200.0	205.8	
19 Acrolein	56	2.672	2.672	0.000	39	98330	200.0	182.9	
20 1,1-Dichloroethene	96	2.703	2.703	0.000	89	644996	200.0	193.9	
22 Acetone	43	2.806	2.806	0.000	88	839974	1000.0	1018.3	
23 Iodomethane	142	2.861	2.861	0.000	99	741634	200.0	204.9	M
25 Isopropyl alcohol	45	2.898	2.892	0.006	32	303739	2000.0	1758.8	
24 Carbon disulfide	76	2.892	2.892	0.000	98	2066693	200.0	184.9	
27 3-Chloro-1-propene	76	3.044	3.044	0.000	89	343898	200.0	166.1	
29 Cyclopentene	67	3.063	3.062	0.000	95	1591100	200.0	192.7	
28 Methyl acetate	43	3.063	3.062	0.000	63	780042	400.0	368.0	
26 Acetonitrile	41	3.123	3.123	0.000	99	632655	2000.0	1997.6	
* 31 TBA-d9 (IS)	66	3.172	3.166	0.006	46	48297	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	3.178	3.178	0.000	84	741848	200.0	179.4	
32 2-Methyl-2-propanol	59	3.245	3.245	0.000	99	552471	2000.0	1910.3	
35 Methyl tert-butyl ether	73	3.355	3.355	0.000	96	1839076	200.0	204.9	
34 trans-1,2-Dichloroethene	96	3.380	3.379	0.001	84	751390	200.0	188.9	
33 Acrylonitrile	53	3.471	3.471	0.000	94	2106987	2000.0	1908.2	
36 Hexane	57	3.556	3.556	0.000	90	827784	200.0	203.0	
40 Isopropyl ether	45	3.788	3.788	0.000	96	1983960	200.0	205.1	
37 1,1-Dichloroethane	63	3.818	3.818	0.000	94	1289553	200.0	185.8	
38 Vinyl acetate	86	3.849	3.843	0.006	99	307332	400.0	411.7	
39 2-Chloro-1,3-butadiene	88	3.867	3.867	0.000	86	676587	200.0	199.8	
41 Tert-butyl ethyl ether	59	4.142	4.142	0.000	90	1982795	200.0	209.8	
* 42 2-Butanone-d5	46	4.367	4.367	0.000	55	334391	250.0	250.0	
44 2,2-Dichloropropane	97	4.373	4.367	0.006	89	275145	200.0	180.2	
43 cis-1,2-Dichloroethene	96	4.398	4.398	0.000	94	840124	200.0	190.7	
45 2-Butanone (MEK)	72	4.428	4.428	0.000	97	382480	1000.0	1043.4	
47 Ethyl acetate	70	4.440	4.434	0.006	96	150493	400.0	431.3	
48 Methyl acrylate	55	4.495	4.495	0.000	100	541655	200.0	205.9	
46 Propionitrile	54	4.587	4.580	0.007	99	772941	2000.0	1766.9	
49 Chlorobromomethane	128	4.654	4.654	0.000	83	339681	200.0	176.9	
51 Tetrahydrofuran	72	4.654	4.654	0.000	80	153504	400.0	404.6	
50 Methacrylonitrile	67	4.702	4.696	0.006	88	2582934	2000.0	1940.7	
52 Chloroform	83	4.721	4.715	0.006	94	1311236	200.0	189.1	
55 Cyclohexane	84	4.849	4.849	0.000	88	997967	200.0	205.1	
54 1,1,1-Trichloroethane	97	4.873	4.873	0.000	93	1178604	200.0	190.4	
\$ 53 Dibromofluoromethane (Surr)	113	4.898	4.898	0.000	62	186776	50.0	48.4	
56 Carbon tetrachloride	117	5.007	5.007	0.000	89	1097957	200.0	196.4	
57 1,1-Dichloropropene	75	5.050	5.050	0.000	97	1028702	200.0	197.9	
59 Isobutyl alcohol	43	5.215	5.208	0.007	93	825163	5000.0	4826.7	
62 Isooctane	57	5.245	5.245	0.000	99	1663725	200.0	213.1	a
60 Benzene	78	5.276	5.275	0.001	95	2814581	200.0	194.8	
\$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.300	5.300	0.000	44	195925	50.0	49.7	
64 Tert-amyl methyl ether	73	5.361	5.361	0.000	84	1925985	200.0	211.0	
63 Isopropyl acetate	61	5.373	5.367	0.006	92	333435	200.0	198.1	
61 1,2-Dichloroethane	62	5.385	5.385	0.000	90	868360	200.0	184.3	
66 n-Heptane	43	5.464	5.464	0.000	89	620692	200.0	205.9	
* 65 Fluorobenzene	96	5.617	5.611	0.006	99	705535	50.0	50.0	
68 n-Butanol	56	5.989	5.989	0.000	85	380465	5000.0	5082.4	
67 Trichloroethene	95	6.019	6.019	0.000	95	802822	200.0	193.2	
70 Methylcyclohexane	83	6.159	6.159	0.000	95	1042758	200.0	212.7	a
69 Ethyl acrylate	55	6.190	6.184	0.006	98	1516472	200.0	203.3	a
71 1,2-Dichloropropane	63	6.367	6.367	0.000	93	743506	200.0	191.9	
* 73 1,4-Dioxane-d8	96	6.446	6.440	0.006	5	40849	1000.0	1000.0	
75 Methyl methacrylate	100	6.477	6.476	0.000	85	359245	400.0	443.1	
74 1,4-Dioxane	88	6.507	6.507	0.000	41	145429	4000.0	3513.7	
72 Dibromomethane	93	6.513	6.513	0.000	97	475914	200.0	199.8	
76 n-Propyl acetate	43	6.550	6.550	0.000	97	783437	200.0	190.2	
77 Dichlorobromomethane	83	6.696	6.696	0.000	95	1052279	200.0	196.2	
78 2-Nitropropane	41	7.111	7.111	0.001	81	270420	400.0	401.6	
79 2-Chloroethyl vinyl ether	106	7.123	7.123	0.000	80	112661	200.5	206.3	
80 Epichlorohydrin	57	7.239	7.239	0.000	98	1200460	4000.0	3993.4	
81 cis-1,3-Dichloropropene	75	7.300	7.300	0.000	84	1274423	200.0	199.6	
82 4-Methyl-2-pentanone (MIBK)	43	7.513	7.513	0.000	94	2497261	1000.0	1028.0	

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	7.586	7.586	0.000	100	654147	50.0	51.2	
84 Toluene	91	7.678	7.677	0.001	93	3050629	200.0	191.1	
85 trans-1,3-Dichloropropene	75	8.110	8.110	0.000	92	1126671	200.0	204.3	
86 Ethyl methacrylate	69	8.171	8.171	0.000	86	811450	200.0	214.4	
87 1,1,2-Trichloroethane	83	8.366	8.366	0.000	94	563039	200.0	200.7	
88 Tetrachloroethene	166	8.403	8.397	0.006	91	762967	200.0	194.8	
89 1,3-Dichloropropane	76	8.616	8.616	0.000	89	1081599	200.0	200.9	
90 2-Hexanone	43	8.720	8.720	0.000	93	1735525	1000.0	1019.7	
93 n-Butyl acetate	43	8.872	8.866	0.006	98	788685	200.0	196.2	
91 Chlorodibromomethane	129	8.885	8.885	0.000	96	808701	200.0	209.1	
92 Ethylene Dibromide	107	9.067	9.067	0.000	98	696722	200.0	198.7	
* 94 Chlorobenzene-d5	117	9.738	9.738	0.000	63	521415	50.0	50.0	
95 Chlorobenzene	112	9.781	9.781	0.000	96	1973267	200.0	192.7	
97 Ethylbenzene	106	9.927	9.921	0.006	97	1064370	200.0	203.1	
96 1,1,1,2-Tetrachloroethane	131	9.939	9.933	0.006	49	741471	200.0	197.2	
98 m-Xylene & p-Xylene	106	10.122	10.122	0.000	91	1281717	200.0	194.0	
99 o-Xylene	106	10.762	10.756	0.006	95	1234216	200.0	201.7	
101 n-Butyl acrylate	73	10.787	10.787	0.000	98	489526	200.0	209.2	
100 Styrene	104	10.811	10.811	0.000	96	2081204	200.0	204.1	
102 Bromoform	173	11.122	11.122	0.000	96	510202	200.0	216.2	
103 Amyl acetate (mixed isomers)	43	11.165	11.165	0.000	92	897397	200.0	196.1	
104 Isopropylbenzene	105	11.341	11.335	0.006	95	2942538	200.0	199.2	
\$ 105 4-Bromofluorobenzene	174	11.616	11.616	0.000	88	187686	50.0	49.9	
106 Bromobenzene	156	11.787	11.786	0.000	98	753438	200.0	199.5	
107 1,1,2,2-Tetrachloroethane	83	11.884	11.884	0.000	96	777809	200.0	200.1	
110 N-Propylbenzene	91	11.915	11.915	0.001	99	3389036	200.0	195.8	
108 1,2,3-Trichloropropane	110	11.939	11.939	0.000	90	219600	200.0	190.6	
109 trans-1,4-Dichloro-2-butene	53	11.982	11.982	0.000	93	194066	200.0	222.1	
111 2-Chlorotoluene	91	12.036	12.036	0.000	96	2364757	200.0	196.1	
112 4-Ethyltoluene	105	12.073	12.067	0.006	97	2786302	200.0	195.3	
114 1,3,5-Trimethylbenzene	105	12.164	12.158	0.006	92	2294895	200.0	198.5	
113 4-Chlorotoluene	91	12.189	12.189	0.000	97	2365494	200.0	195.3	
115 Butyl Methacrylate	87	12.323	12.317	0.006	84	842793	200.0	216.0	
116 tert-Butylbenzene	119	12.524	12.524	0.000	93	1890036	200.0	198.2	
117 1,2,4-Trimethylbenzene	105	12.603	12.597	0.006	97	2351544	200.0	206.3	
118 sec-Butylbenzene	105	12.774	12.774	0.000	99	2721540	200.0	201.4	
119 1,3-Dichlorobenzene	146	12.914	12.914	0.000	95	1293749	200.0	199.5	
122 4-Isopropyltoluene	119	12.945	12.939	0.006	97	2232077	200.0	202.5	
* 120 1,4-Dichlorobenzene-d4	152	13.000	13.000	0.000	92	250256	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.024	13.024	0.000	95	1316936	200.0	197.5	
123 1,2,3-Trimethylbenzene	105	13.061	13.055	0.006	98	2333389	200.0	200.4	
124 Benzyl chloride	91	13.189	13.189	0.000	99	1548494	200.0	209.2	
125 2,3-Dihydroindene	117	13.256	13.250	0.006	90	2239107	200.0	201.2	
127 p-Diethylbenzene	119	13.335	13.335	0.000	91	1139000	200.0	198.2	
128 n-Butylbenzene	92	13.359	13.359	0.000	97	1134968	200.0	197.5	
126 1,2-Dichlorobenzene	146	13.402	13.402	0.000	96	1183928	200.0	200.5	
130 1,2,4,5-Tetramethylbenzene	119	14.079	14.079	0.000	96	1888973	200.0	208.2	
129 1,2-Dibromo-3-Chloropropane	157	14.158	14.158	0.000	93	157936	200.0	215.5	
131 1,3,5-Trichlorobenzene	180	14.286	14.286	0.000	98	688662	200.0	206.1	
132 1,2,4-Trichlorobenzene	180	14.823	14.823	0.001	92	563424	200.0	210.0	
133 Hexachlorobutadiene	225	14.914	14.914	0.000	90	246132	200.0	204.6	
134 Naphthalene	128	15.030	15.030	0.000	99	1527351	200.0	212.2	

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	15.219	15.213	0.006	95	441523	200.0	200.4	
S 136 1,2-Dichloroethene, Total	100				0		400.0	379.5	
S 137 Xylenes, Total	100				0		400.0	395.7	
S 140 Total BTEX	1				0		1000.0	984.7	
S 139 1,3-Dichloropropene, Total	1				0		400.0	403.9	
S 138 Total 1,2-dichloroethene	1				0			379.5	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN W_00144	Amount Added: 20.00	Units: uL	
GAS Hi_00424	Amount Added: 20.00	Units: uL	
Ethanol mix_00068	Amount Added: 20.00	Units: uL	
MIX 2 Hi_00127	Amount Added: 20.00	Units: uL	
MIX I Hi_00154	Amount Added: 20.00	Units: uL	
8FreonHi_00048	Amount Added: 20.00	Units: uL	
VOA6IS/SURR_00061	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652586.D

Injection Date: 14-Sep-2022 21:01:23

Instrument ID: CVOAMS15

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

Worklist Smp#: 9

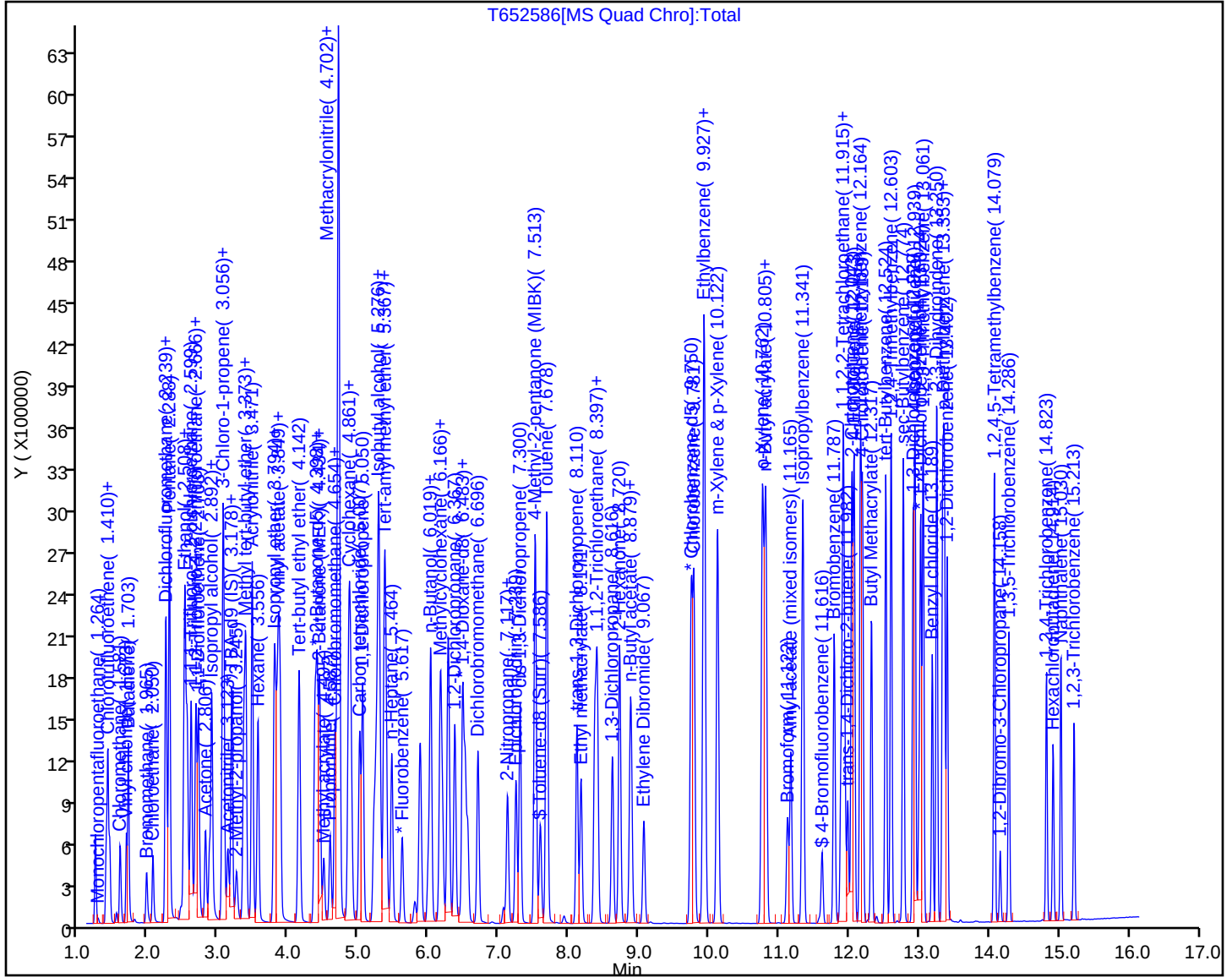
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652586.D

Injection Date: 14-Sep-2022 21:01:23

Instrument ID: CVOAMS15

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

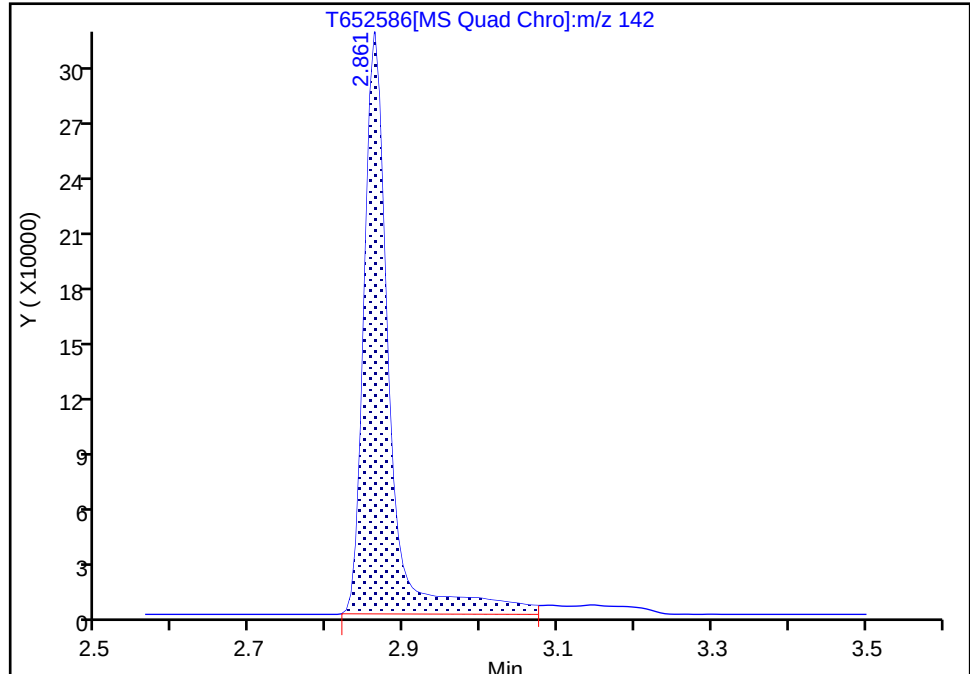
Detector MS Quad

23 Iodomethane, CAS: 74-88-4

Signal: 1

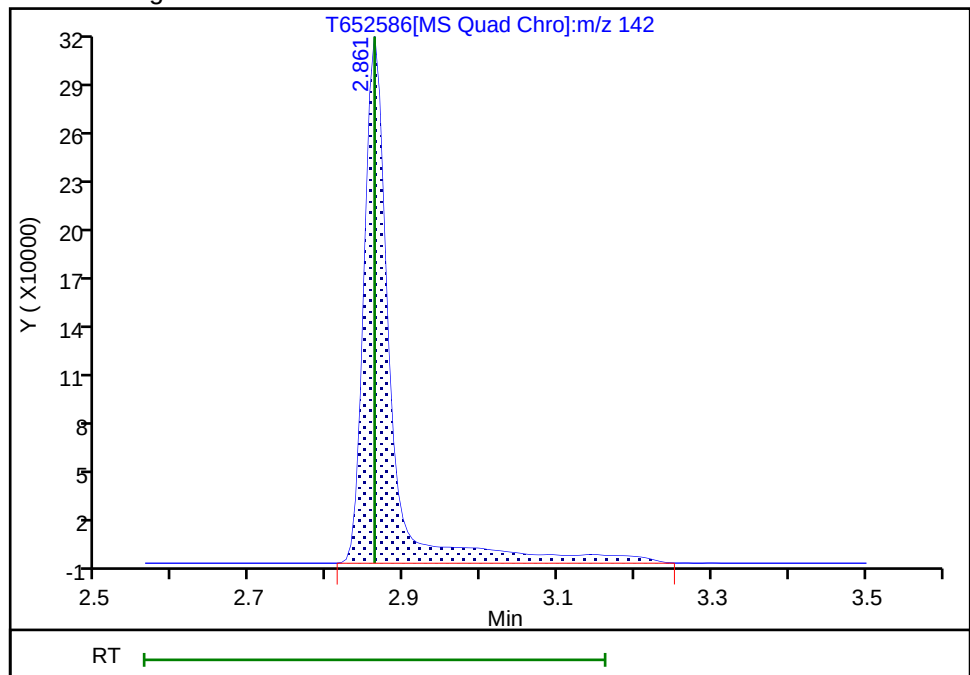
RT: 2.86
Area: 700460
Amount: 203.4831
Amount Units: ug/l

Processing Integration Results



RT: 2.86
Area: 741634
Amount: 204.9188
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 15-Sep-2022 20:06:50

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652586.D

Injection Date: 14-Sep-2022 21:01:23

Instrument ID: CVOAMS15

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

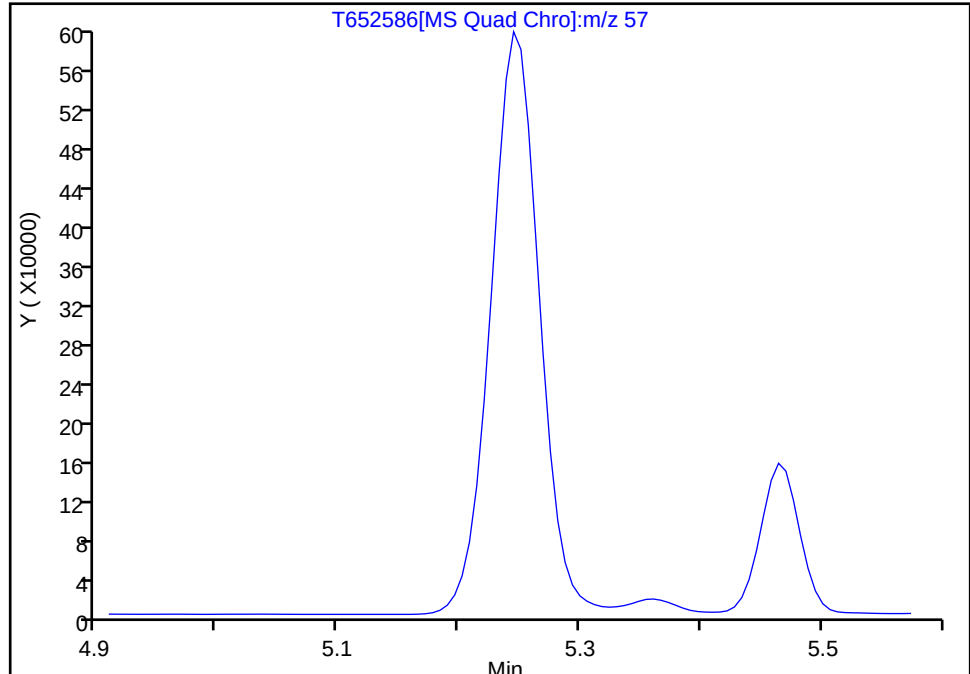
62 Isooctane, CAS: 540-84-1

Signal: 1

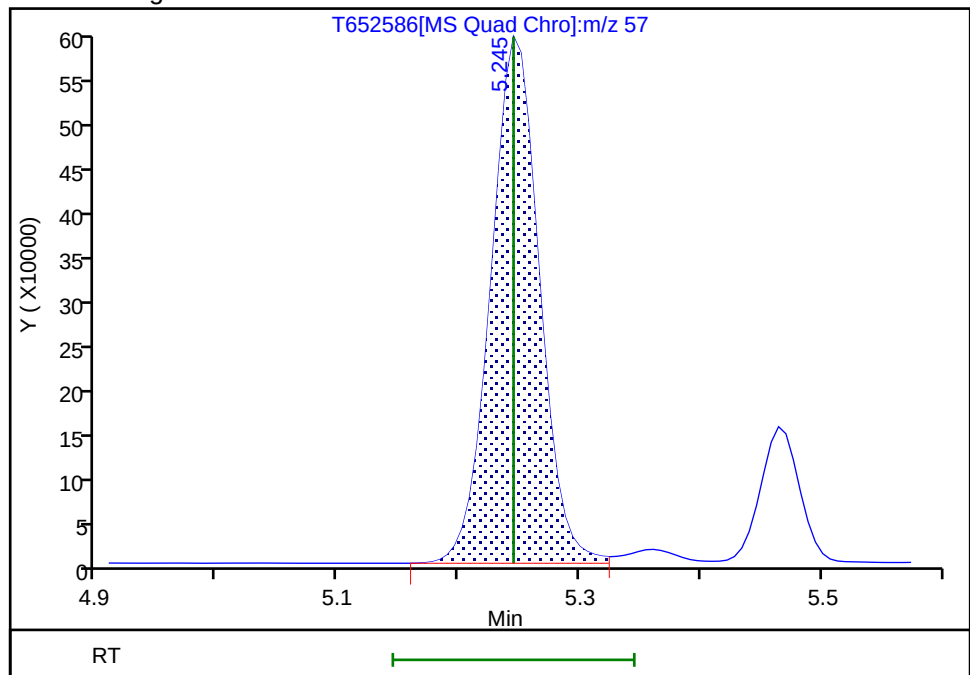
Not Detected

Expected RT: 5.24

Processing Integration Results



Manual Integration Results



RT: 5.25

Area: 1663725

Amount: 213.1253

Amount Units: ug/l

Reviewer: W9CM, 15-Sep-2022 20:04:11

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652586.D

Injection Date: 14-Sep-2022 21:01:23

Instrument ID: CVOAMS15

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_15

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

MS Quad

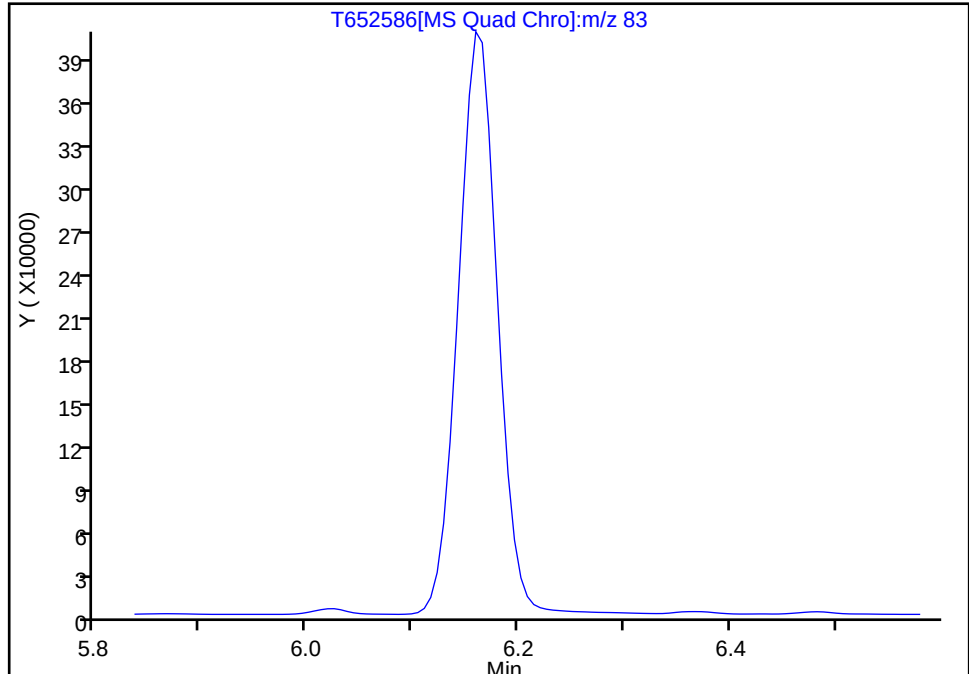
70 Methylcyclohexane, CAS: 108-87-2

Signal: 1

Not Detected

Expected RT: 6.16

Processing Integration Results



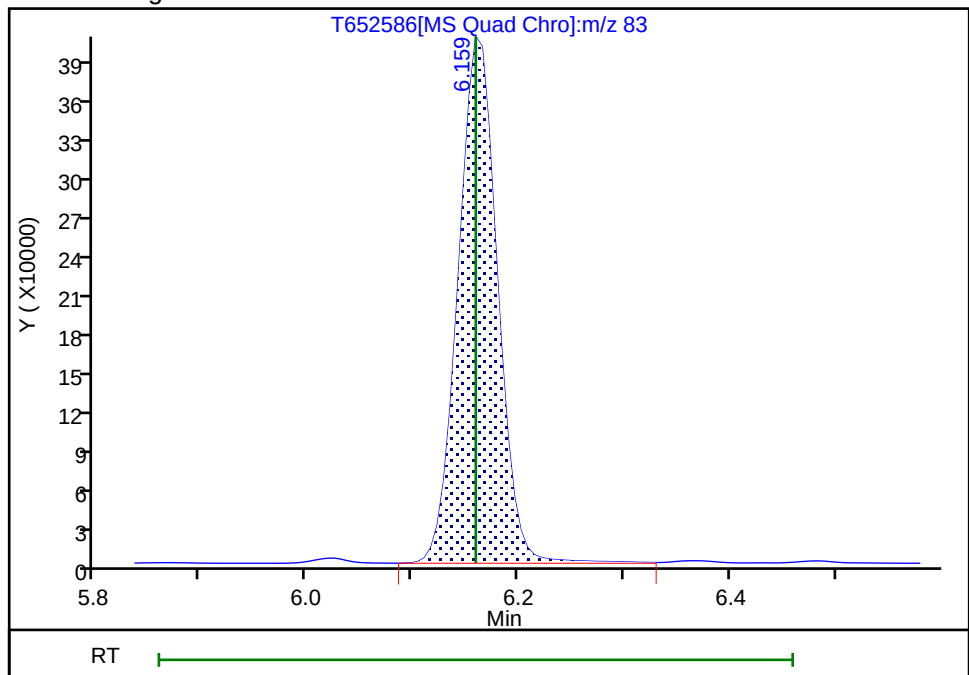
RT: 6.16

Area: 1042758

Amount: 212.7051

Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 15-Sep-2022 20:04:19

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652586.D

Injection Date: 14-Sep-2022 21:01:23

Instrument ID: CVOAMS15

Lims ID: STD200

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 9

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

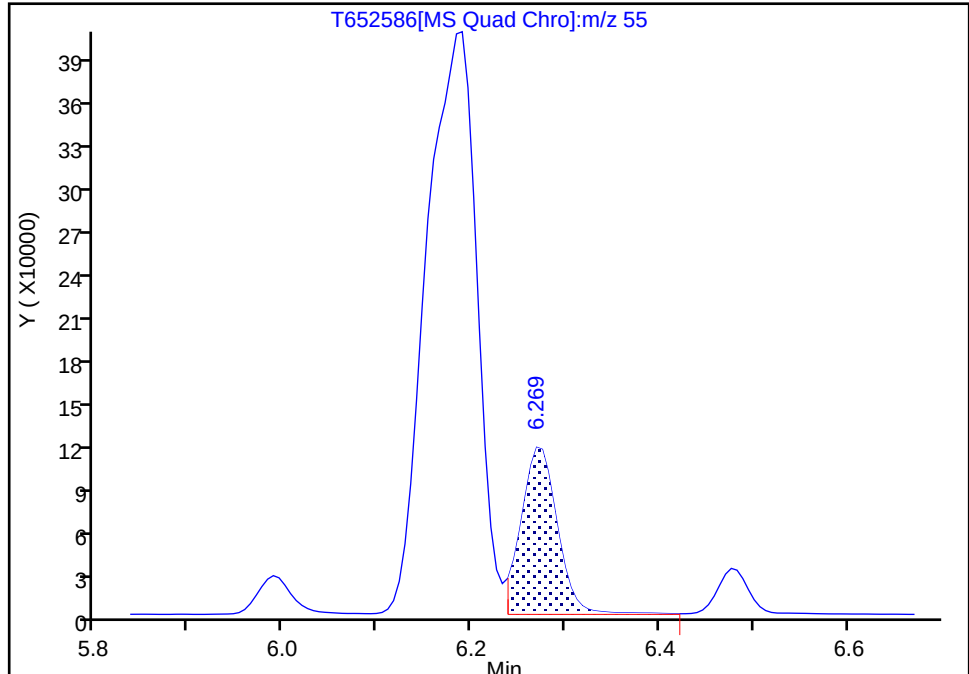
Detector MS Quad

69 Ethyl acrylate, CAS: 140-88-5

Signal: 1

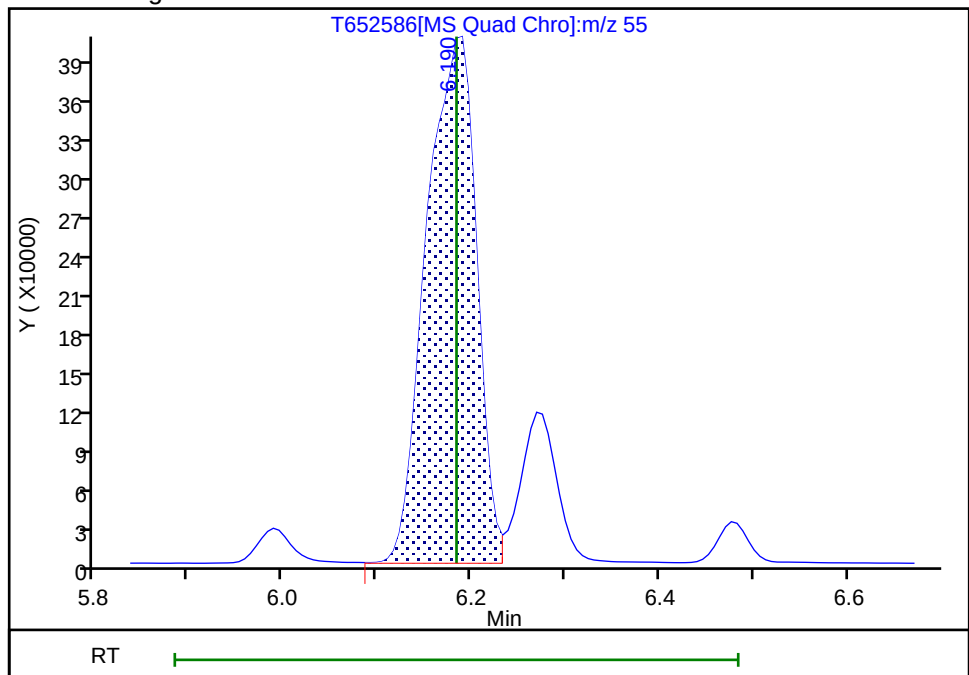
RT: 6.27
Area: 316488
Amount: 70.069609
Amount Units: ug/l

Processing Integration Results



RT: 6.19
Area: 1516472
Amount: 203.2868
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 15-Sep-2022 20:04:32

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652587.D
 Lims ID: STD500
 Client ID:
 Sample Type: IC Calib Level: 7
 Inject. Date: 14-Sep-2022 21:22:51 ALS Bottle#: 0 Worklist Smp#: 10
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: STD500
 Misc. Info.: 460-0150379-010
 Operator ID: Instrument ID: CVOAMS15
 Sublist: chrom-8260W_15*sub18
 Method: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\8260W_15.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 15-Sep-2022 20:42:06 Calib Date: 14-Sep-2022 21:22:51
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652587.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1674

First Level Reviewer: HVW2

Date: 14-Sep-2022 23:44:26

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.276	1.276	0.000	82	11796	500.0	48.4	
3 Chlorotrifluoroethene	116	1.380	1.380	0.000	90	329694	500.0	501.5	
2 1,1-Difluoroethane	65	1.392	1.392	0.000	95	582776	500.0	500.7	
4 Dichlorodifluoromethane	85	1.410	1.410	0.000	88	2284672	500.0	535.8	
5 Chlorodifluoromethane	67	1.435	1.435	0.000	79	260732	500.0	448.2	
6 Chloromethane	50	1.587	1.587	0.000	88	1901747	500.0	640.2	
7 Vinyl chloride	62	1.672	1.672	0.000	83	1657175	500.0	566.9	
8 Butadiene	54	1.703	1.703	0.000	94	1552386	500.0	532.1	
9 Bromomethane	94	1.959	1.965	-0.006	99	729396	500.0	351.7	
10 Chloroethane	64	2.050	2.057	-0.007	96	938768	500.0	428.5	
11 Dichlorofluoromethane	67	2.233	2.233	0.000	89	3042311	500.0	451.5	
12 Trichlorofluoromethane	101	2.239	2.239	0.000	79	2765664	500.0	473.0	
13 Pentane	72	2.288	2.288	0.000	95	591987	1000.0	954.6	
14 Ethanol	46	2.459	2.447	0.012	99	252618	20000	21038	a
15 Ethyl ether	59	2.495	2.496	-0.001	89	1221441	500.0	442.2	
17 2-Methyl-1,3-butadiene	53	2.508	2.514	-0.006	95	1418626	500.0	473.0	
16 1,2-Dichloro-1,1,2-trifluoroethane	117	2.544	2.538	0.006	85	1433618	500.0	452.8	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.599	2.599	0.000	89	2543187	500.0	448.0	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.666	2.666	0.000	95	1838941	500.0	497.9	
19 Acrolein	56	2.678	2.672	0.006	39	197159	400.0	396.6	
20 1,1-Dichloroethene	96	2.703	2.703	0.000	88	1583482	500.0	461.5	
22 Acetone	43	2.806	2.806	0.000	88	1994829	2500.0	2497.4	
23 Iodomethane	142	2.861	2.861	0.000	99	1466675	500.0	498.7	M
25 Isopropyl alcohol	45	2.910	2.892	0.018	39	720217	5000.0	4509.3	
24 Carbon disulfide	76	2.892	2.892	0.000	98	5029329	500.0	436.1	
27 3-Chloro-1-propene	76	3.044	3.044	0.000	90	792678	500.0	371.0	
29 Cyclopentene	67	3.062	3.062	0.000	95	3832778	500.0	449.8	
28 Methyl acetate	43	3.062	3.062	0.000	65	1889625	1000.0	864.2	
26 Acetonitrile	41	3.129	3.123	0.006	99	1540882	5000.0	5000.4	
* 31 TBA-d9 (IS)	66	3.184	3.166	0.018	32	44667	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	3.178	3.178	0.000	84	1885882	500.0	442.0	
32 2-Methyl-2-propanol	59	3.257	3.245	0.012	99	1263003	5000.0	4722.0	
35 Methyl tert-butyl ether	73	3.355	3.355	0.000	96	4590664	500.0	495.7	
34 trans-1,2-Dichloroethene	96	3.385	3.379	0.006	83	1823368	500.0	444.2	
33 Acrylonitrile	53	3.477	3.471	0.006	94	5057346	5000.0	4439.4	
36 Hexane	57	3.556	3.556	0.000	90	2028434	500.0	482.2	
40 Isopropyl ether	45	3.794	3.788	0.006	96	4853645	500.0	486.4	
37 1,1-Dichloroethane	63	3.824	3.818	0.006	94	3012844	500.0	420.9	
38 Vinyl acetate	86	3.849	3.843	0.006	99	775703	1000.0	1043.5	
39 2-Chloro-1,3-butadiene	88	3.873	3.867	0.006	85	1700808	500.0	486.8	
41 Tert-butyl ethyl ether	59	4.141	4.142	-0.001	90	4928699	500.0	505.5	
* 42 2-Butanone-d5	46	4.373	4.367	0.006	51	333022	250.0	250.0	
44 2,2-Dichloropropane	97	4.373	4.367	0.006	91	671428	500.0	426.2	
43 cis-1,2-Dichloroethene	96	4.404	4.398	0.006	93	2044393	500.0	449.8	
45 2-Butanone (MEK)	72	4.434	4.428	0.006	97	918656	2500.0	2516.3	
47 Ethyl acetate	70	4.440	4.434	0.006	96	370943	1000.0	1067.5	
48 Methyl acrylate	55	4.495	4.495	0.000	100	1371923	500.0	505.5	
46 Propionitrile	54	4.593	4.580	0.013	99	1875192	5000.0	4634.9	
49 Chlorobromomethane	128	4.660	4.654	0.006	82	904617	500.0	456.5	
51 Tetrahydrofuran	72	4.660	4.654	0.006	75	379355	1000.0	1004.1	
50 Methacrylonitrile	67	4.714	4.696	0.018	87	5893457	5000.0	4291.9	
52 Chloroform	83	4.727	4.715	0.012	75	3022104	500.0	422.4	
55 Cyclohexane	84	4.855	4.849	0.006	87	2442725	500.0	486.5	
54 1,1,1-Trichloroethane	97	4.879	4.873	0.006	93	2860353	500.0	448.0	
\$ 53 Dibromofluoromethane (Surr)	113	4.903	4.898	0.005	45	182953	50.0	45.9	
56 Carbon tetrachloride	117	5.007	5.007	0.000	89	2716353	500.0	471.1	
57 1,1-Dichloropropene	75	5.050	5.050	0.000	97	2490659	500.0	464.5	
59 Isobutyl alcohol	43	5.227	5.208	0.019	74	1947766	12500	12319	
62 Isooctane	57	5.251	5.245	0.006	97	4105083	500.0	509.7	a
60 Benzene	78	5.281	5.275	0.006	95	6854179	500.0	477.5	
\$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.306	5.300	0.006	38	183511	50.0	45.1	
64 Tert-amyl methyl ether	73	5.361	5.361	0.000	86	4846065	500.0	514.5	
63 Isopropyl acetate	61	5.373	5.367	0.006	89	801341	500.0	461.6	
61 1,2-Dichloroethane	62	5.391	5.385	0.006	90	2009835	500.0	413.5	
66 n-Heptane	43	5.464	5.464	0.000	89	1514576	500.0	486.9	
* 65 Fluorobenzene	96	5.617	5.611	0.006	99	727909	50.0	50.0	
68 n-Butanol	56	5.995	5.989	0.006	85	917333	12500	13250	
67 Trichloroethene	95	6.025	6.019	0.006	94	1988598	500.0	463.9	
70 Methylcyclohexane	83	6.165	6.159	0.006	94	2564675	500.0	507.1	a
69 Ethyl acrylate	55	6.190	6.184	0.006	98	3749219	500.0	487.1	a
71 1,2-Dichloropropane	63	6.367	6.367	0.000	93	1815914	500.0	454.3	
* 73 1,4-Dioxane-d8	96	6.452	6.440	0.012	10	45977	1000.0	1000.0	
75 Methyl methacrylate	100	6.482	6.476	0.006	83	888417	1000.0	1062.1	
74 1,4-Dioxane	88	6.519	6.507	0.012	43	349914	10000	7511.3	
72 Dibromomethane	93	6.519	6.513	0.006	98	983848	500.0	400.4	
76 n-Propyl acetate	43	6.556	6.550	0.006	97	1891883	500.0	445.3	
77 Dichlorobromomethane	83	6.702	6.696	0.006	95	2597169	500.0	469.3	
78 2-Nitropropane	41	7.116	7.111	0.006	80	655678	1000.0	999.8	
79 2-Chloroethyl vinyl ether	106	7.129	7.123	0.006	80	276065	501.2	489.7	
80 Epichlorohydrin	57	7.244	7.239	0.005	98	2805447	10000	9371.0	
81 cis-1,3-Dichloropropene	75	7.305	7.300	0.005	83	3073474	500.0	484.6	
82 4-Methyl-2-pentanone (MIBK)	43	7.519	7.513	0.006	93	5674975	2500.0	2345.7	

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	7.592	7.586	0.006	100	667463	50.0	52.6	
84 Toluene	91	7.683	7.677	0.006	94	7354797	500.0	463.7	
85 trans-1,3-Dichloropropene	75	8.116	8.110	0.006	91	2690360	500.0	491.0	
86 Ethyl methacrylate	69	8.171	8.171	0.000	86	1958040	500.0	520.6	
87 1,1,2-Trichloroethane	83	8.366	8.366	0.000	94	1320544	500.0	473.8	
88 Tetrachloroethene	166	8.403	8.397	0.006	90	1857119	500.0	477.2	
89 1,3-Dichloropropane	76	8.622	8.616	0.006	89	2535945	500.0	474.0	
90 2-Hexanone	43	8.726	8.720	0.006	93	3972116	2500.0	2343.4	
93 n-Butyl acetate	43	8.872	8.866	0.006	98	1840830	500.0	461.0	
91 Chlorodibromomethane	129	8.891	8.885	0.005	97	1960560	500.0	510.3	
92 Ethylene Dibromide	107	9.073	9.067	0.006	99	1653126	500.0	474.5	
* 94 Chlorobenzene-d5	117	9.738	9.738	0.000	48	518027	50.0	50.0	
95 Chlorobenzene	112	9.787	9.781	0.006	96	4684071	500.0	460.4	
97 Ethylbenzene	106	9.927	9.921	0.006	97	2476026	500.0	475.7	
96 1,1,1,2-Tetrachloroethane	131	9.939	9.933	0.006	44	1728277	500.0	462.6	
98 m-Xylene & p-Xylene	106	10.122	10.122	0.000	96	3037878	500.0	462.7	
99 o-Xylene	106	10.762	10.756	0.006	95	2960551	500.0	487.1	
101 n-Butyl acrylate	73	10.793	10.787	0.006	98	1148944	500.0	494.3	
100 Styrene	104	10.817	10.811	0.006	96	4887124	500.0	482.4	
102 Bromoform	173	11.122	11.122	0.000	96	1280474	500.0	546.1	
103 Amyl acetate (mixed isomers)	43	11.171	11.165	0.006	92	2117094	500.0	451.1	
104 Isopropylbenzene	105	11.341	11.335	0.006	96	6959428	500.0	474.2	
\$ 105 4-Bromofluorobenzene	174	11.616	11.616	0.000	88	190787	50.0	51.1	
106 Bromobenzene	156	11.792	11.786	0.006	96	1860438	500.0	480.4	
107 1,1,2,2-Tetrachloroethane	83	11.890	11.884	0.006	95	1889171	500.0	474.0	
110 N-Propylbenzene	91	11.920	11.915	0.006	99	8021247	500.0	451.9	
108 1,2,3-Trichloropropane	110	11.945	11.939	0.006	96	536942	500.0	454.5	
109 trans-1,4-Dichloro-2-butene	53	11.988	11.982	0.006	94	483727	500.0	539.9	
111 2-Chlorotoluene	91	12.042	12.036	0.006	96	5650177	500.0	456.9	
112 4-Ethyltoluene	105	12.079	12.067	0.012	98	6754785	500.0	461.7	
114 1,3,5-Trimethylbenzene	105	12.164	12.158	0.006	92	5530583	500.0	466.4	
113 4-Chlorotoluene	91	12.195	12.189	0.006	97	5649537	500.0	454.8	
115 Butyl Methacrylate	87	12.323	12.317	0.006	85	2065577	500.0	516.3	
116 tert-Butylbenzene	119	12.530	12.524	0.006	94	4594342	500.0	469.9	
117 1,2,4-Trimethylbenzene	105	12.603	12.597	0.006	97	5648141	500.0	483.1	
118 sec-Butylbenzene	105	12.780	12.774	0.006	99	6468096	500.0	466.8	
119 1,3-Dichlorobenzene	146	12.920	12.914	0.006	96	3139069	500.0	472.1	
122 4-Isopropyltoluene	119	12.945	12.939	0.006	95	5348754	500.0	473.2	
* 120 1,4-Dichlorobenzene-d4	152	13.000	13.000	0.000	92	256635	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.024	13.024	0.000	94	3179962	500.0	465.1	
123 1,2,3-Trimethylbenzene	105	13.060	13.055	0.005	98	5665184	500.0	474.5	
124 Benzyl chloride	91	13.195	13.189	0.006	99	3790043	500.0	499.3	
125 2,3-Dihydroindene	117	13.256	13.250	0.006	90	5378840	500.0	471.2	
127 p-Diethylbenzene	119	13.341	13.335	0.006	91	2795923	500.0	474.4	
128 n-Butylbenzene	92	13.365	13.359	0.006	98	2679353	500.0	454.6	
126 1,2-Dichlorobenzene	146	13.402	13.402	0.000	95	2867145	500.0	473.4	
130 1,2,4,5-Tetramethylbenzene	119	14.079	14.079	0.000	96	4650741	500.0	499.8	
129 1,2-Dibromo-3-Chloropropane	157	14.164	14.158	0.006	92	394083	500.0	524.4	
131 1,3,5-Trichlorobenzene	180	14.286	14.286	0.000	97	1689832	500.0	493.2	
132 1,2,4-Trichlorobenzene	180	14.822	14.823	0.000	91	1380107	500.0	501.6	
133 Hexachlorobutadiene	225	14.920	14.914	0.006	92	602438	500.0	488.3	
134 Naphthalene	128	15.030	15.030	0.000	99	3826769	500.0	518.4	

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	15.219	15.213	0.006	96	1086629	500.0	480.9	
S 136 1,2-Dichloroethene, Total	100				0		1000.0	894.0	
S 137 Xylenes, Total	100				0		1000.0	949.8	
S 140 Total BTEX	1				0		2500.0	2366.6	
S 139 1,3-Dichloropropene, Total	1				0		1000.0	975.6	
S 138 Total 1,2-dichloroethene	1				0			894.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN W_00144	Amount Added: 40.00	Units: uL	
GAS Hi_00424	Amount Added: 50.00	Units: uL	
Ethanol mix_00068	Amount Added: 50.00	Units: uL	
MIX 2 Hi_00127	Amount Added: 50.00	Units: uL	
MIX I Hi_00154	Amount Added: 50.00	Units: uL	
8FreonHi_00048	Amount Added: 50.00	Units: uL	
VOA6IS/SURR_00061	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652587.D

Injection Date: 14-Sep-2022 21:22:51

Instrument ID: CVOAMS15

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#:

10

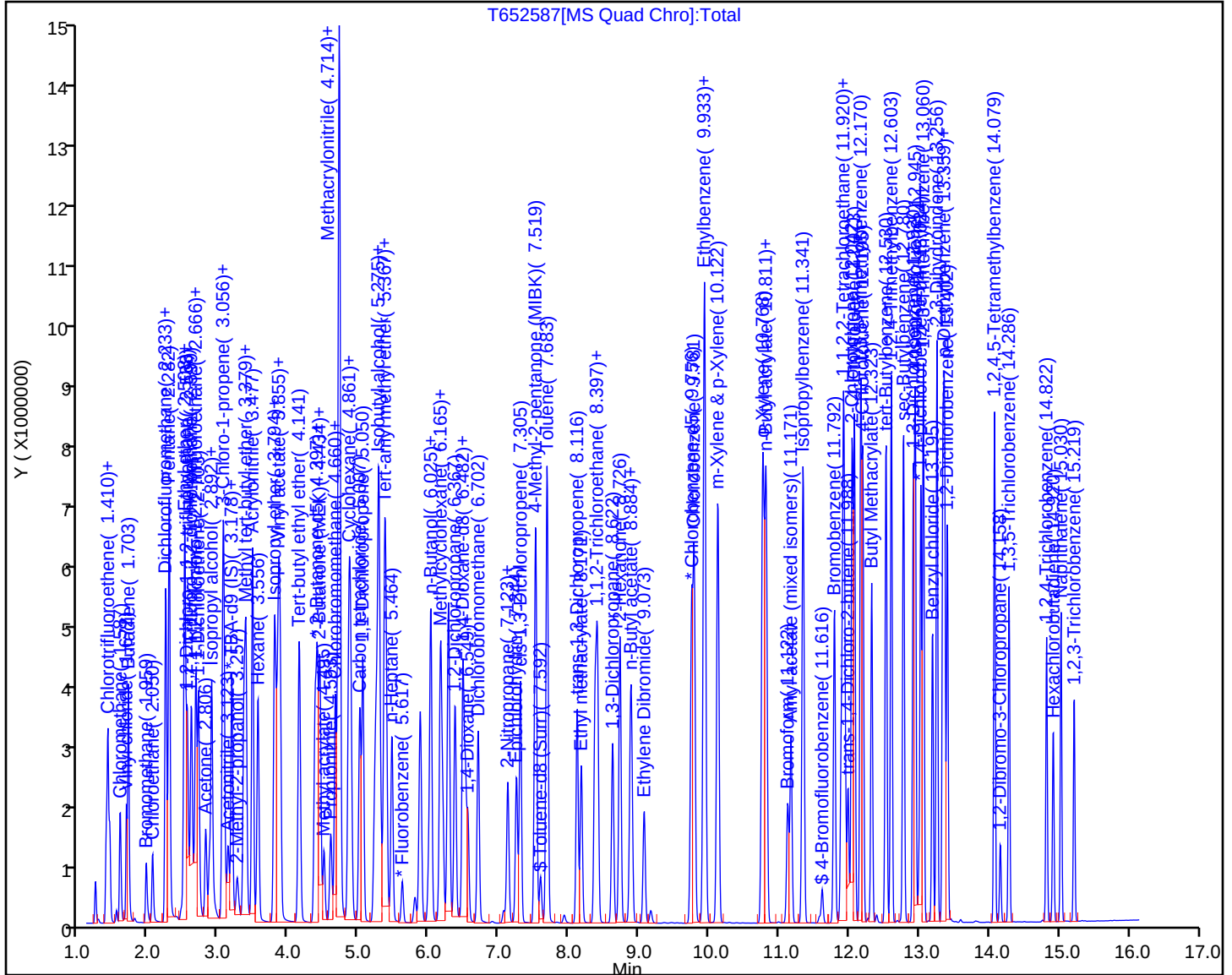
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652587.D

Injection Date: 14-Sep-2022 21:22:51

Instrument ID: CVOAMS15

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

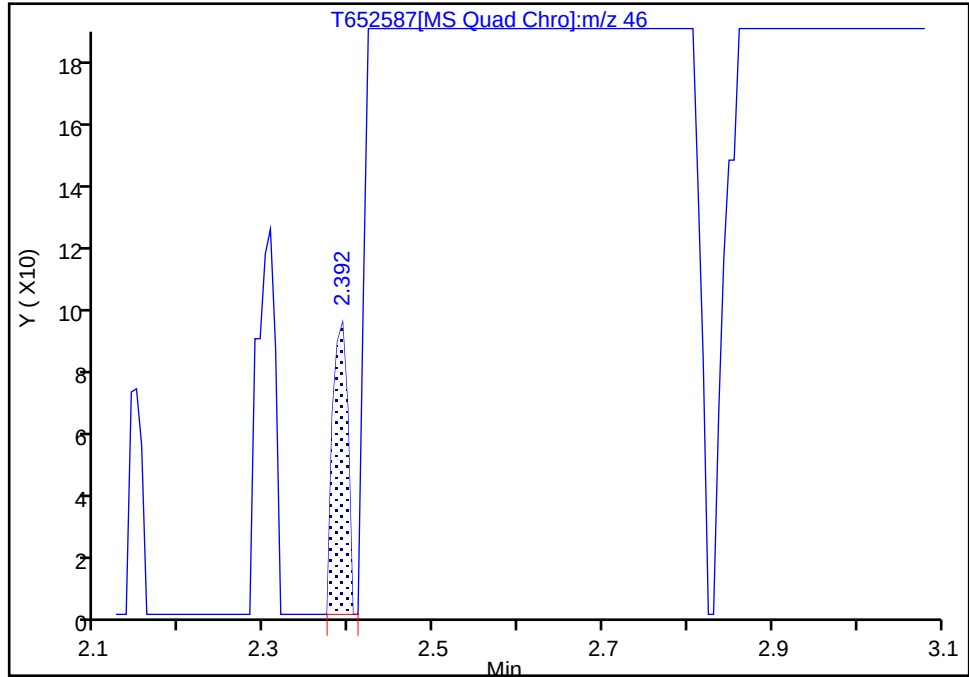
Detector MS Quad

14 Ethanol, CAS: 64-17-5

Signal: 1

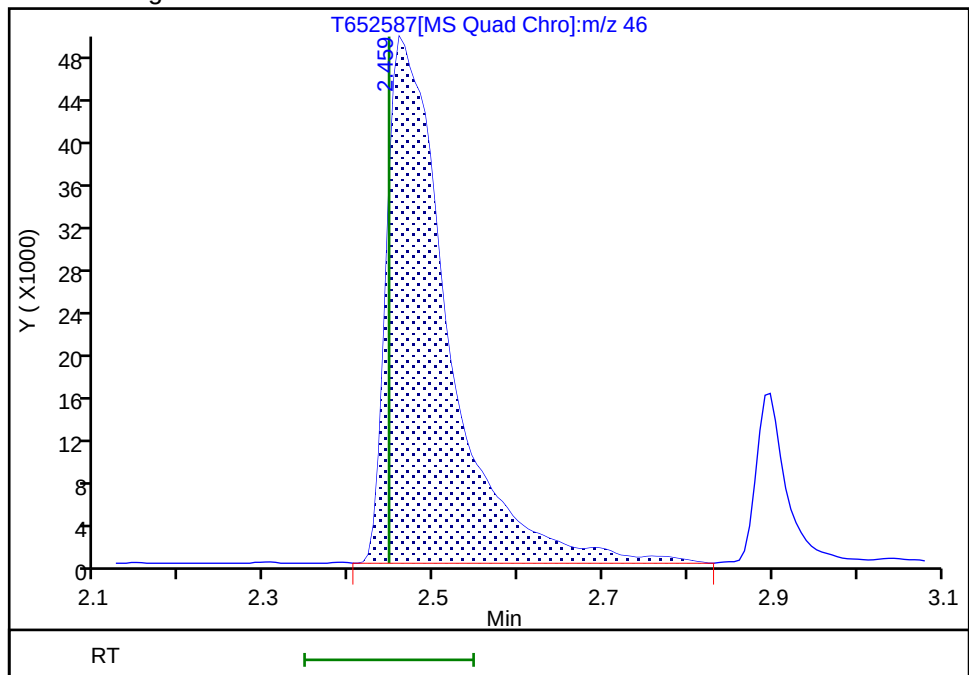
RT: 2.39
Area: 113
Amount: 11.073762
Amount Units: ug/l

Processing Integration Results



RT: 2.46
Area: 252618
Amount: 21038
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 15-Sep-2022 20:05:22

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652587.D

Injection Date: 14-Sep-2022 21:22:51

Instrument ID: CVOAMS15

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

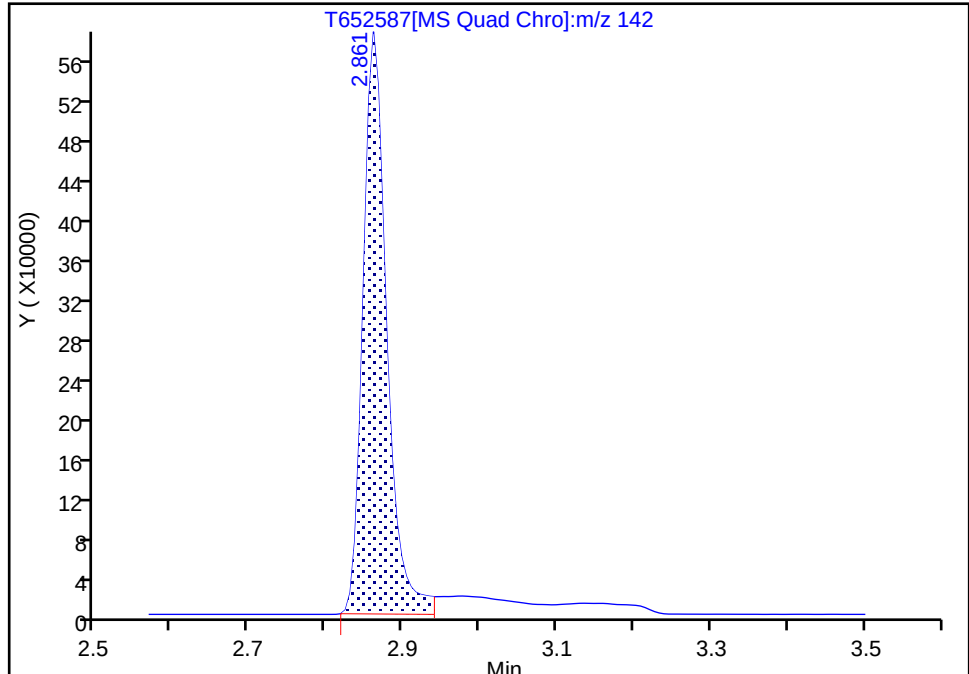
Detector MS Quad

23 Iodomethane, CAS: 74-88-4

Signal: 1

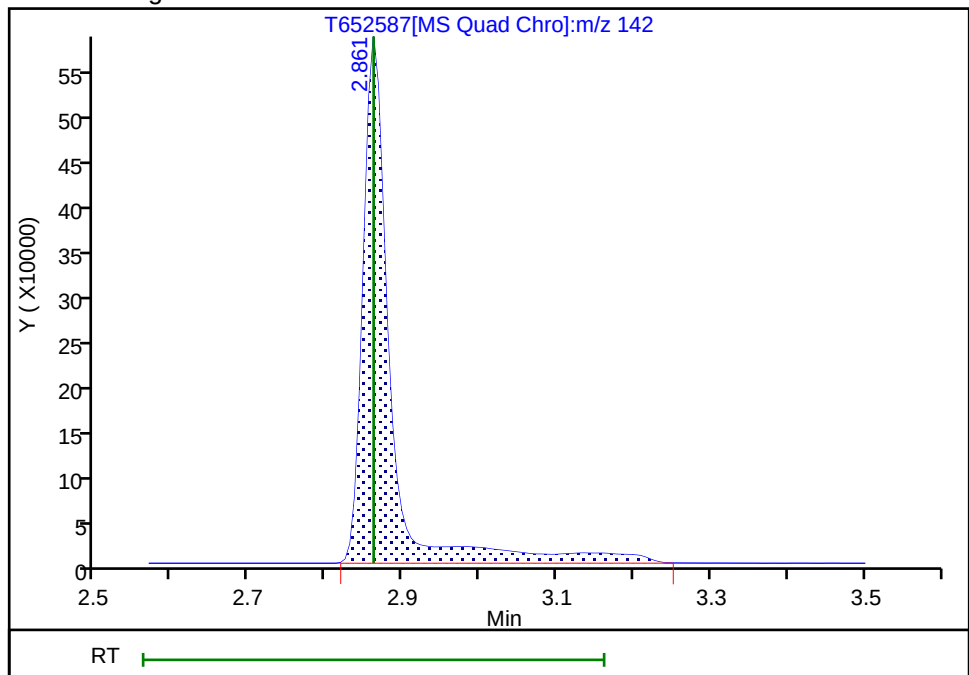
RT: 2.86
Area: 1253201
Amount: 497.4181
Amount Units: ug/l

Processing Integration Results



RT: 2.86
Area: 1466675
Amount: 498.6523
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 15-Sep-2022 20:05:36

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652587.D

Injection Date: 14-Sep-2022 21:22:51

Instrument ID: CVOAMS15

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector: MS Quad

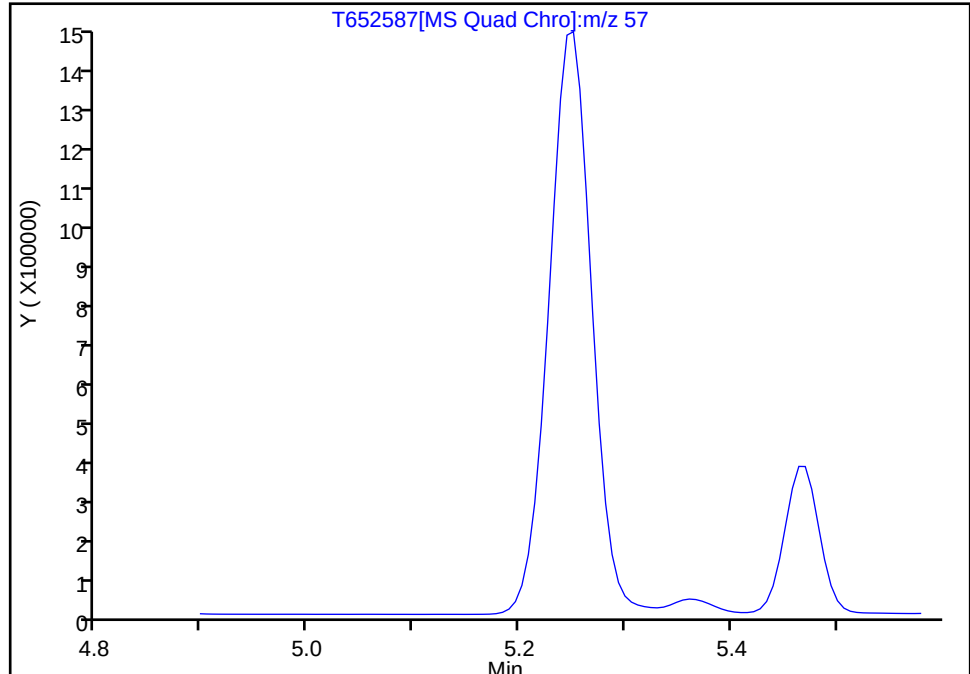
62 Isooctane, CAS: 540-84-1

Signal: 1

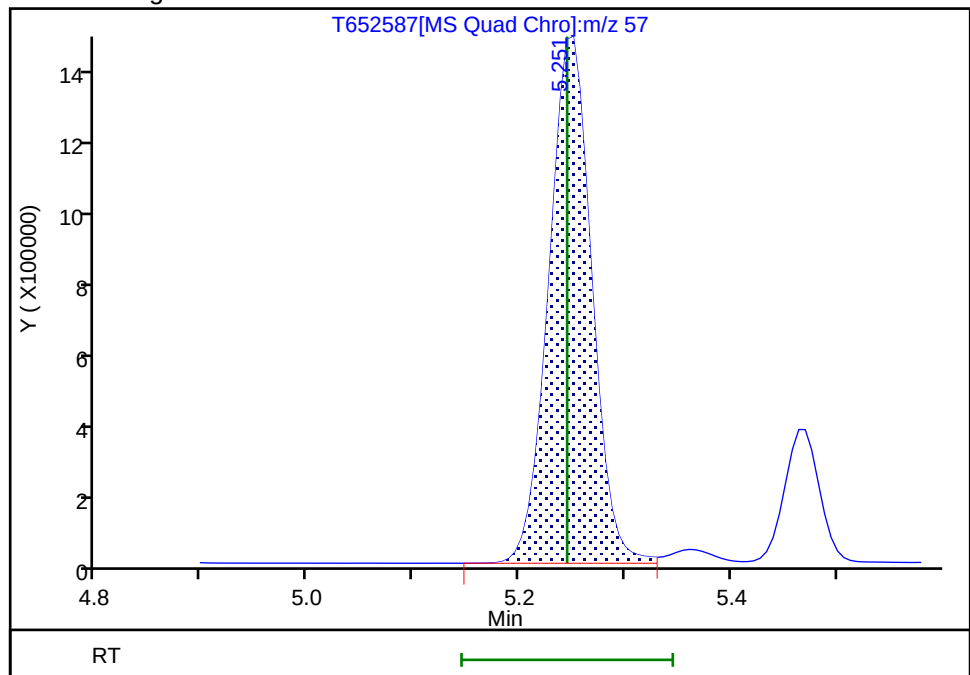
Not Detected

Expected RT: 5.24

Processing Integration Results



Manual Integration Results



RT: 5.25

Area: 4105083

Amount: 509.7026

Amount Units: ug/l

Reviewer: W9CM, 15-Sep-2022 20:05:50

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652587.D

Injection Date: 14-Sep-2022 21:22:51

Instrument ID: CVOAMS15

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector MS Quad

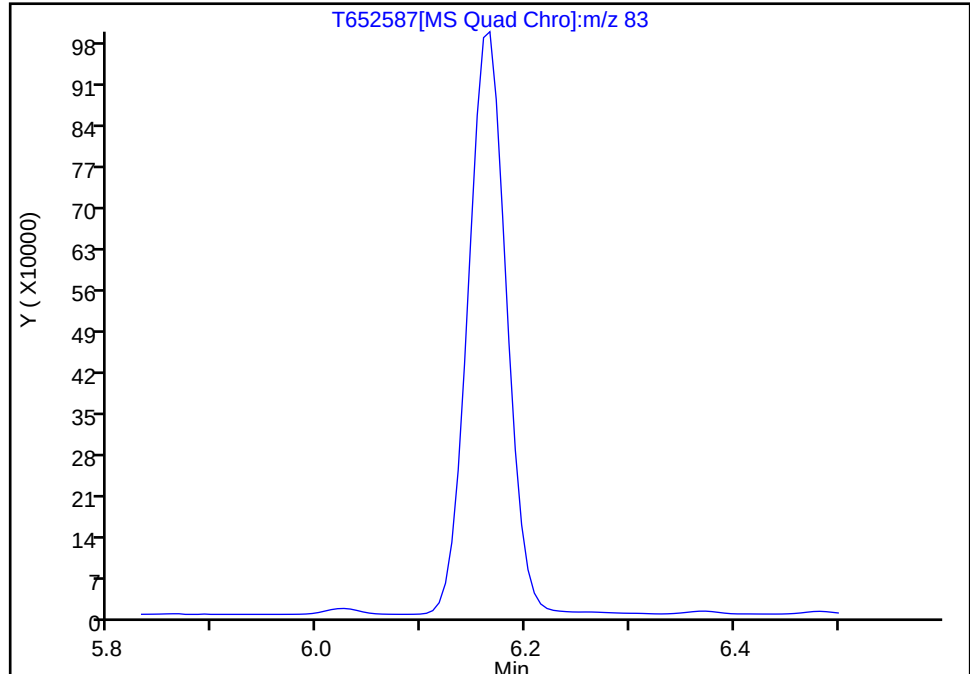
70 Methylcyclohexane, CAS: 108-87-2

Signal: 1

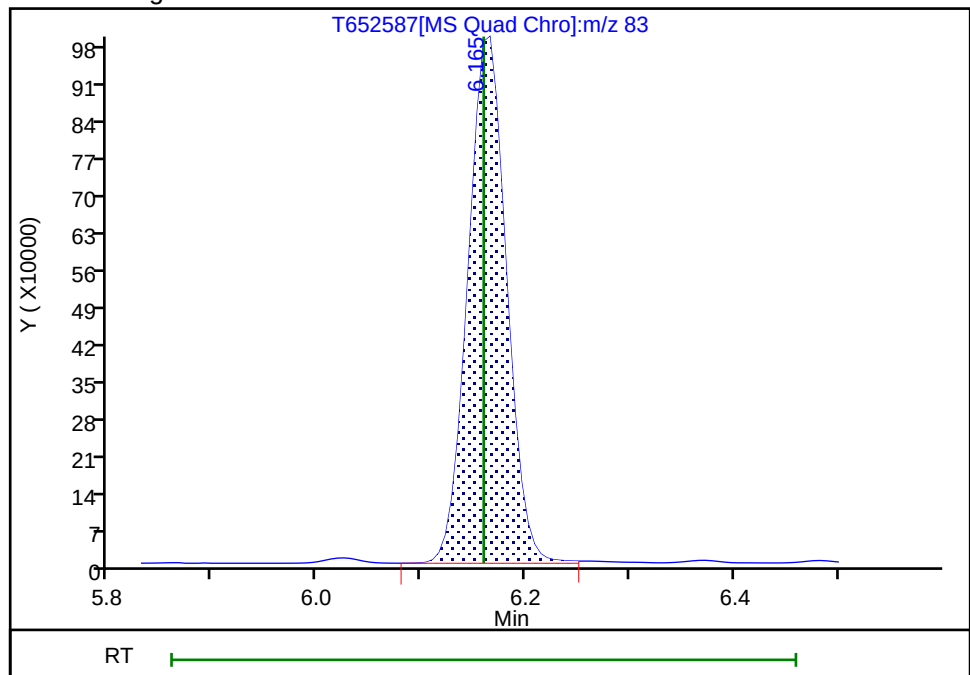
Not Detected

Expected RT: 6.16

Processing Integration Results



Manual Integration Results



RT: 6.17

Area: 2564675

Amount: 507.0704

Amount Units: ug/l

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652587.D

Injection Date: 14-Sep-2022 21:22:51

Instrument ID: CVOAMS15

Lims ID: STD500

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 10

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_15

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

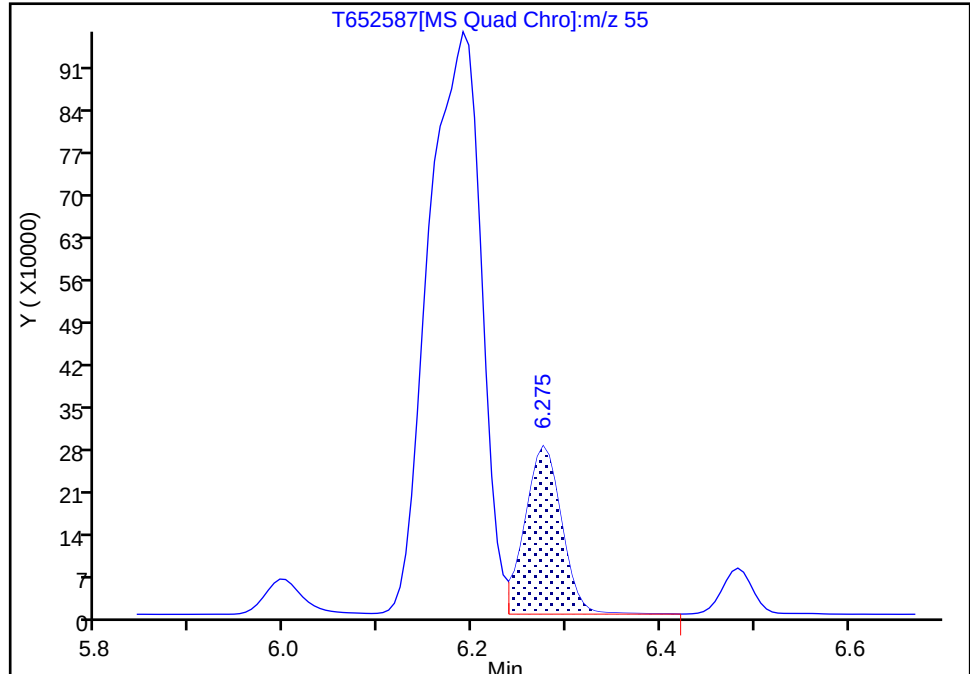
MS Quad

69 Ethyl acrylate, CAS: 140-88-5

Signal: 1

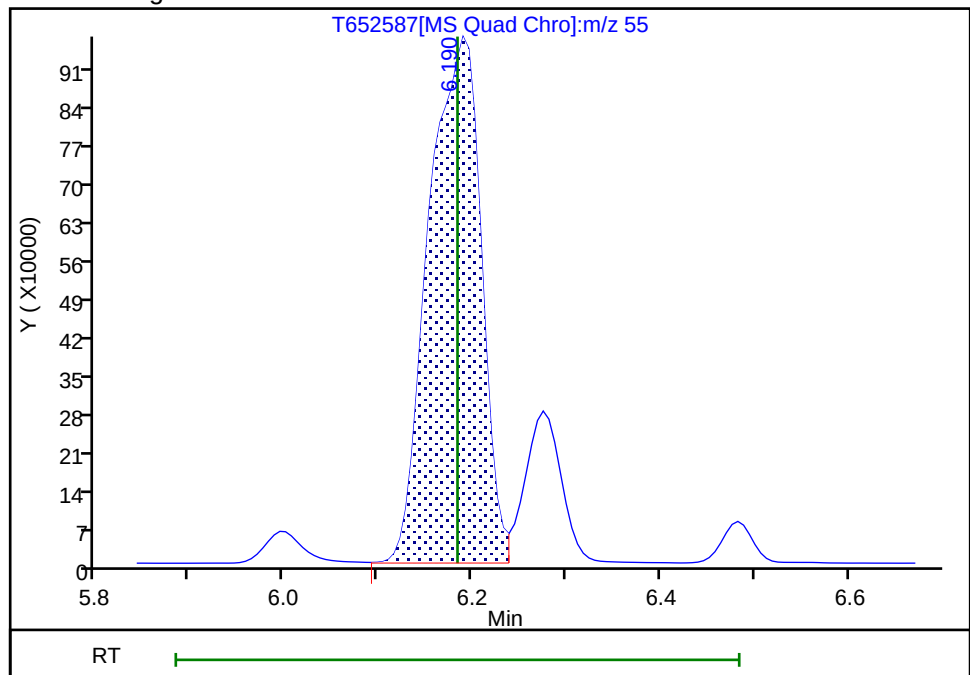
RT: 6.28
Area: 756425
Amount: 132.4377
Amount Units: ug/l

Processing Integration Results



RT: 6.19
Area: 3749219
Amount: 487.1438
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 15-Sep-2022 20:06:02

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Calibration

/ Chlorotrifluoroethene

Curve Type: Quadratic
 Weighting: None
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

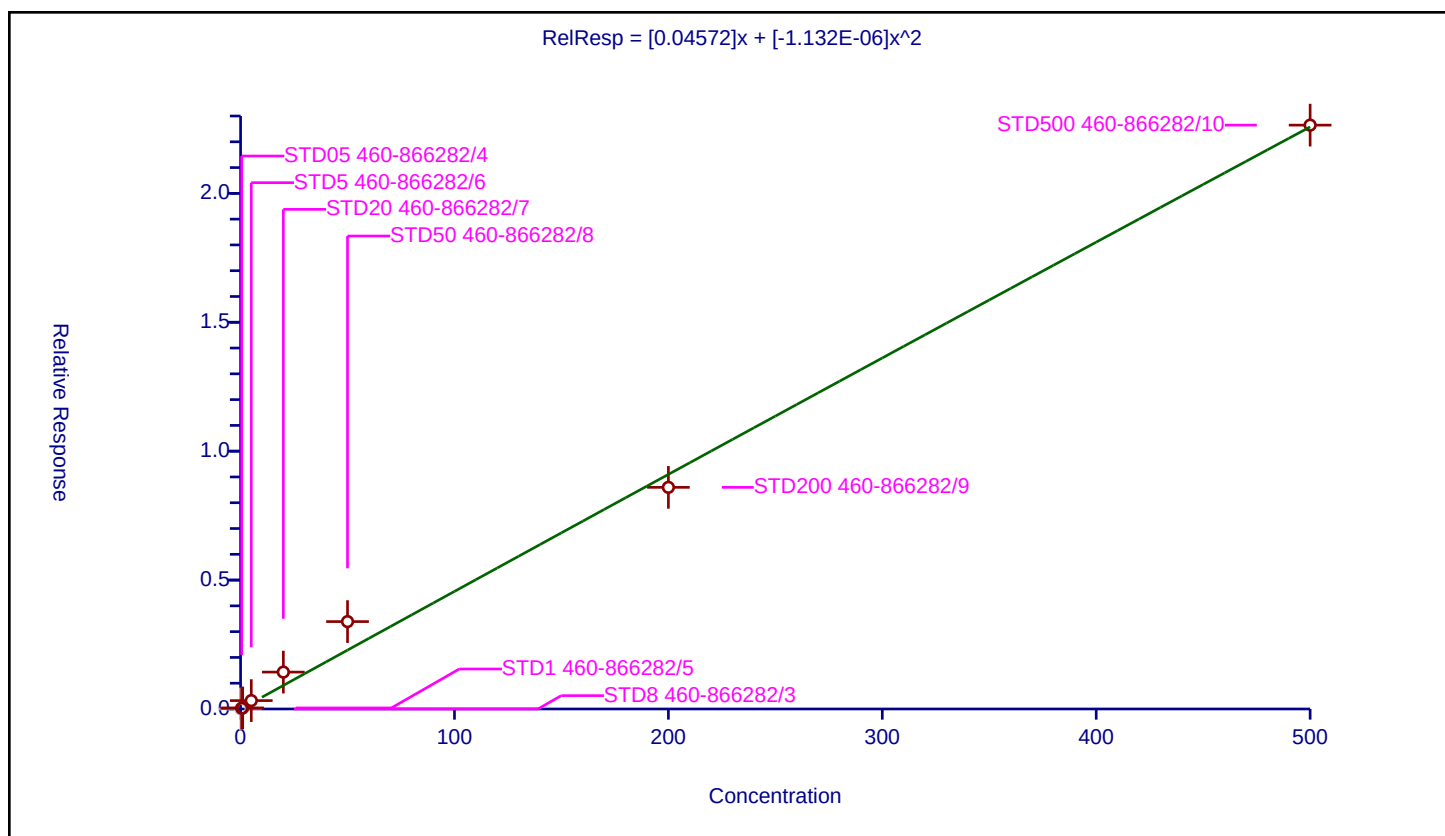
Curve Coefficients

Intercept: 0
 Slope: 0.04572
 Second Order: -1.132E-06

Error Coefficients

Standard Error: 159000
 Relative Standard Error: 39.7
 Correlation Coefficient: 0.996
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	50.0	907957.0	NaN	N
2	STD05 460-866282/4	0.5	0.027194	50.0	694997.0	0.054389	Y
3	STD1 460-866282/5	1.0	0.041089	50.0	713093.0	0.041089	Y
4	STD5 460-866282/6	5.0	0.325774	50.0	718904.0	0.065155	Y
5	STD20 460-866282/7	20.0	1.430852	50.0	683264.0	0.071543	Y
6	STD50 460-866282/8	50.0	3.390535	50.0	690717.0	0.067811	Y
7	STD200 460-866282/9	200.0	8.597306	50.0	705535.0	0.042987	Y
8	STD500 460-866282/10	500.0	22.64665	50.0	727909.0	0.045293	Y



Calibration

/ Dichlorodifluoromethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

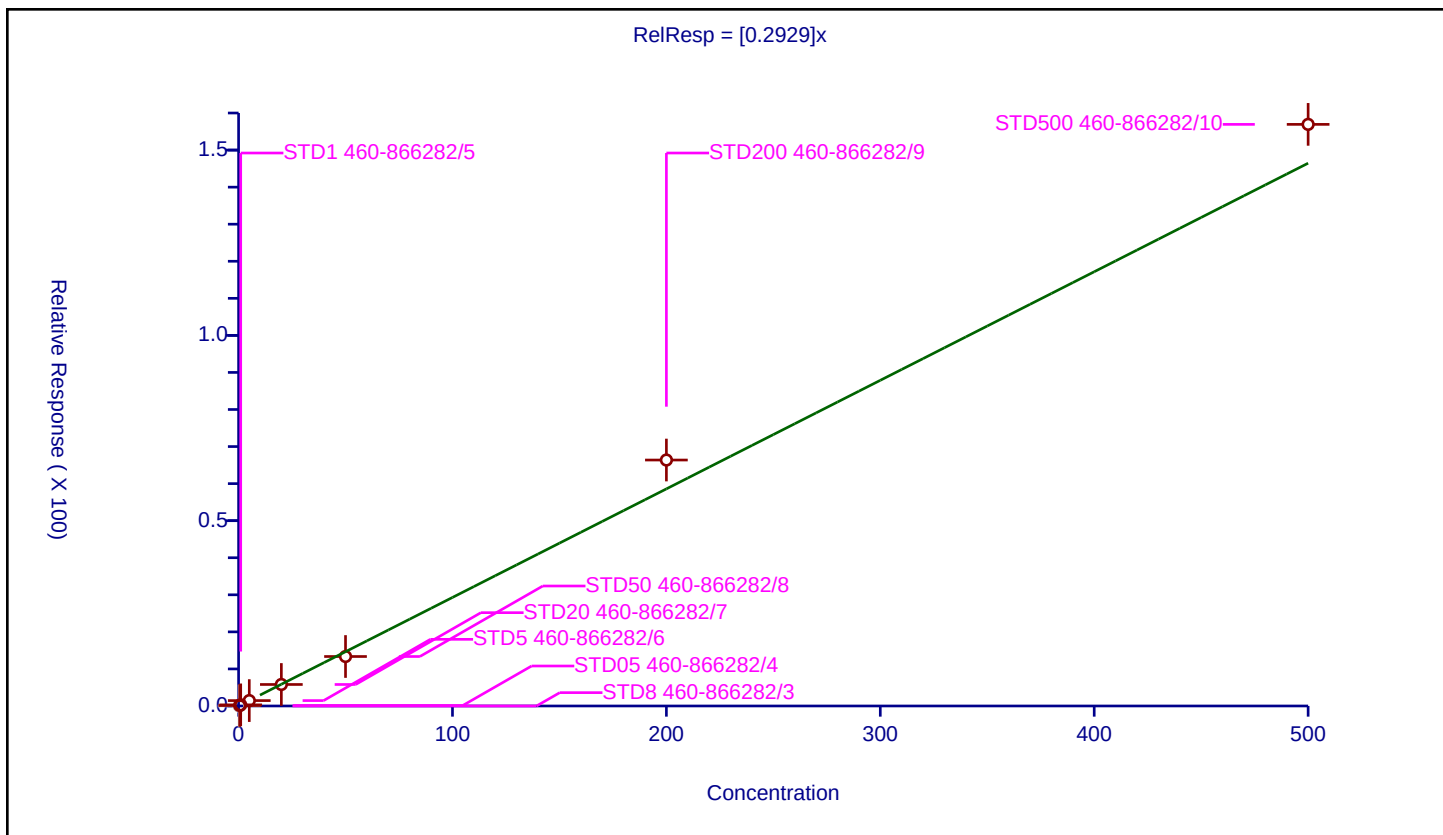
Curve Coefficients

Intercept: 0
 Slope: 0.2929

Error Coefficients

Standard Error: 1010000
 Relative Standard Error: 9.1
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.25	0.0	50.0	907957.0	0.0	N
2	STD05 460-866282/4	0.5	0.126979	50.0	694997.0	0.253958	Y
3	STD1 460-866282/5	1.0	0.302275	50.0	713093.0	0.302275	Y
4	STD5 460-866282/6	5.0	1.45701	50.0	718904.0	0.291402	Y
5	STD20 460-866282/7	20.0	5.801784	50.0	683264.0	0.290089	Y
6	STD50 460-866282/8	50.0	13.349534	50.0	690717.0	0.266991	Y
7	STD200 460-866282/9	200.0	66.36765	50.0	705535.0	0.331838	Y
8	STD500 460-866282/10	500.0	156.933902	50.0	727909.0	0.313868	Y



Calibration

/ Chlorodifluoromethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

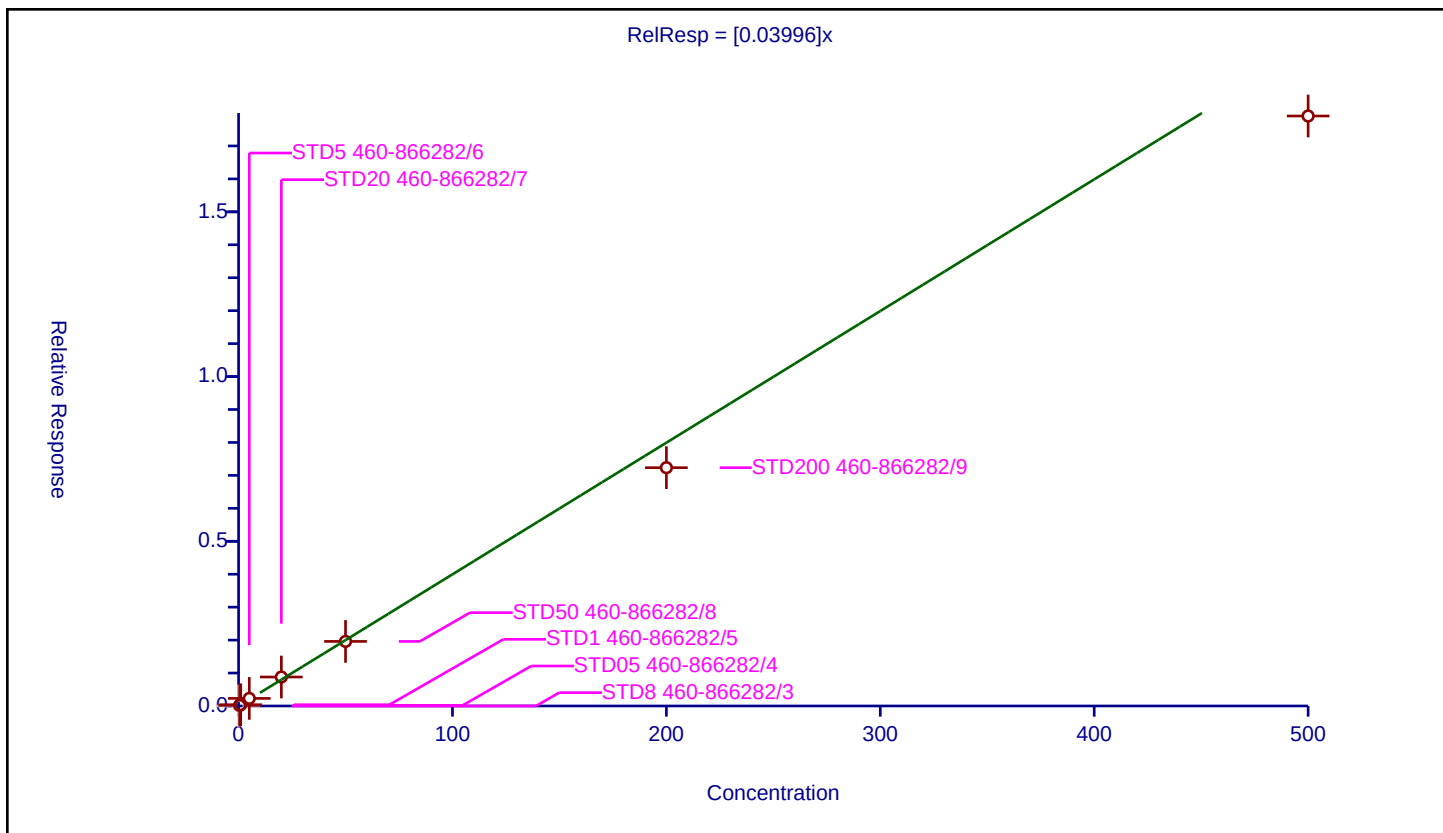
Curve Coefficients

Intercept: 0
 Slope: 0.03996

Error Coefficients

Standard Error: 115000
 Relative Standard Error: 9.5
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	50.0	907957.0	NaN	N
2	STD05 460-866282/4	0.5	0.019856	50.0	694997.0	0.039712	Y
3	STD1 460-866282/5	1.0	0.038845	50.0	713093.0	0.038845	Y
4	STD5 460-866282/6	5.0	0.230142	50.0	718904.0	0.046028	Y
5	STD20 460-866282/7	20.0	0.879382	50.0	683264.0	0.043969	Y
6	STD50 460-866282/8	50.0	1.960065	50.0	690717.0	0.039201	Y
7	STD200 460-866282/9	200.0	7.233801	50.0	705535.0	0.036169	Y
8	STD500 460-866282/10	500.0	17.909656	50.0	727909.0	0.035819	Y



Calibration

/ Chloromethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

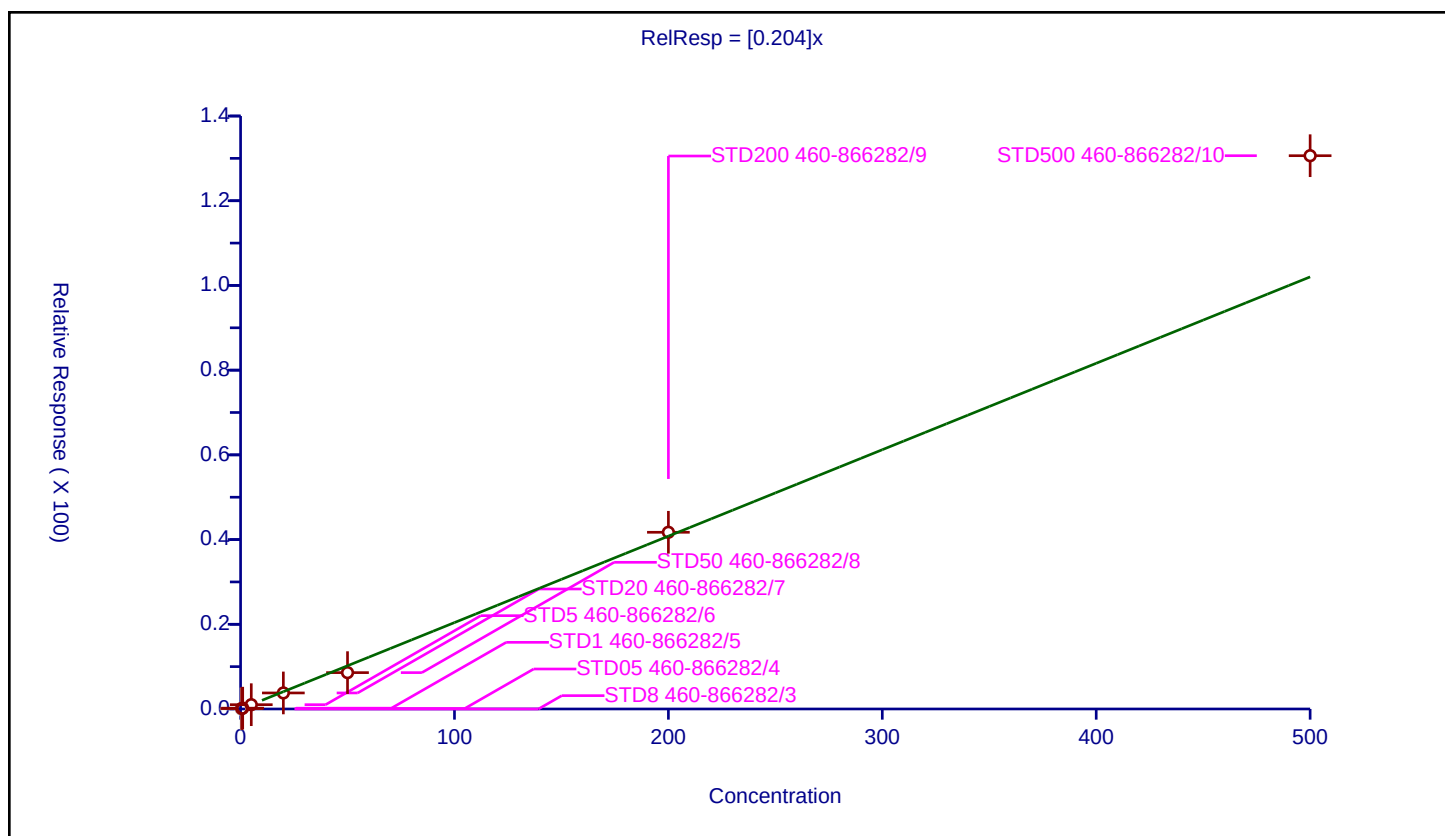
Curve Coefficients

Intercept: 0
 Slope: 0.204

Error Coefficients

Standard Error: 814000
 Relative Standard Error: 13.8
 Correlation Coefficient: 0.992
 Coefficient of Determination (Adjusted): 0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.25	0.0	50.0	907957.0	0.0	N
2	STD05 460-866282/4	0.5	0.101655	50.0	694997.0	0.20331	Y
3	STD1 460-866282/5	1.0	0.191139	50.0	713093.0	0.191139	Y
4	STD5 460-866282/6	5.0	1.014878	50.0	718904.0	0.202976	Y
5	STD20 460-866282/7	20.0	3.785579	50.0	683264.0	0.189279	Y
6	STD50 460-866282/8	50.0	8.58492	50.0	690717.0	0.171698	Y
7	STD200 460-866282/9	200.0	41.722097	50.0	705535.0	0.20861	Y
8	STD500 460-866282/10	500.0	130.630821	50.0	727909.0	0.261262	Y



Calibration

/ Vinyl chloride

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

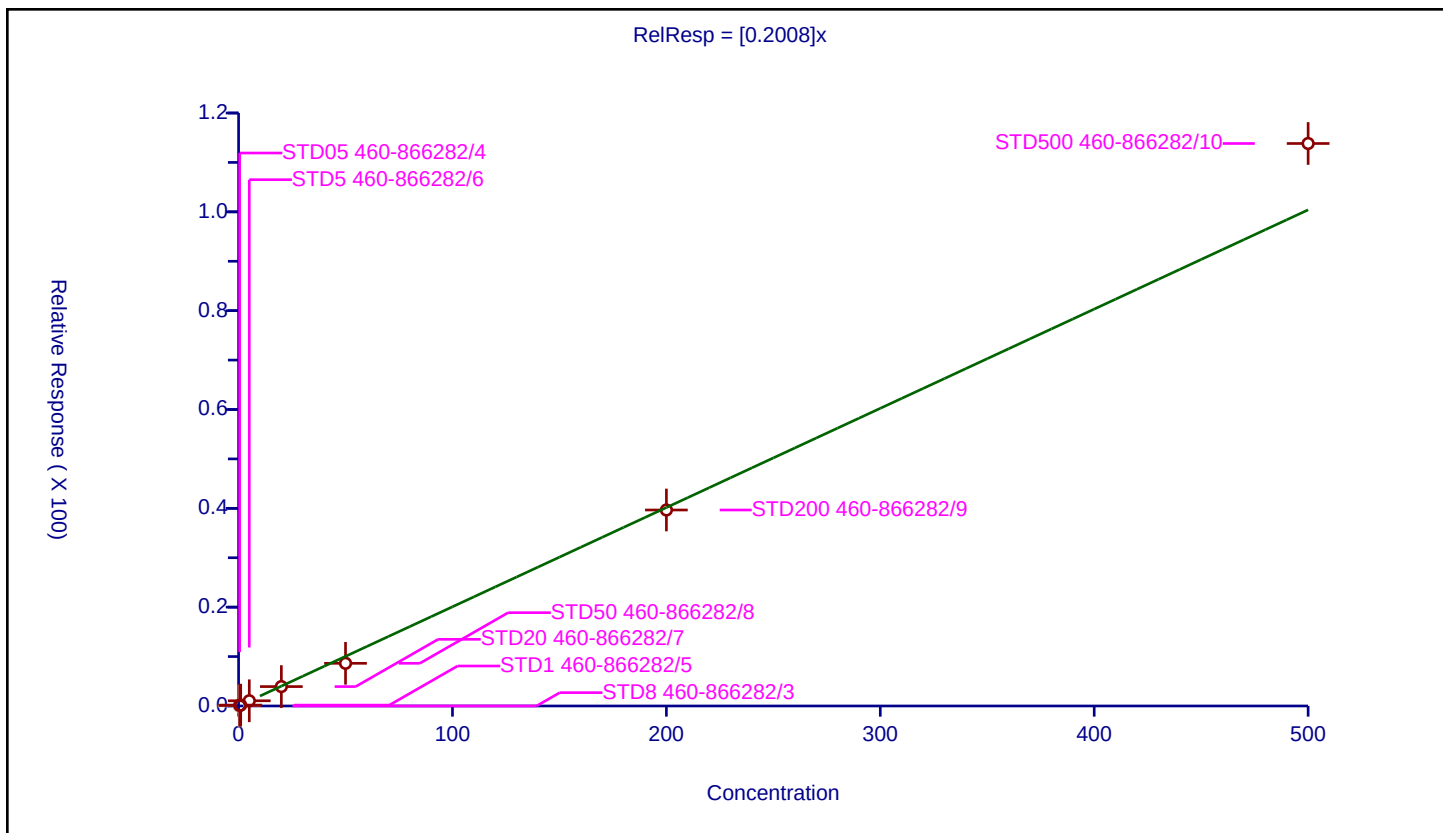
Curve Coefficients

Intercept: 0
 Slope: 0.2008

Error Coefficients

Standard Error: 716000
 Relative Standard Error: 9.7
 Correlation Coefficient: 0.996
 Coefficient of Determination (Adjusted): 0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.25	0.0	50.0	907957.0	0.0	N
2	STD05 460-866282/4	0.5	0.108562	50.0	694997.0	0.217123	Y
3	STD1 460-866282/5	1.0	0.182094	50.0	713093.0	0.182094	Y
4	STD5 460-866282/6	5.0	1.056887	50.0	718904.0	0.211377	Y
5	STD20 460-866282/7	20.0	3.924984	50.0	683264.0	0.196249	Y
6	STD50 460-866282/8	50.0	8.638849	50.0	690717.0	0.172777	Y
7	STD200 460-866282/9	200.0	39.662596	50.0	705535.0	0.198313	Y
8	STD500 460-866282/10	500.0	113.831193	50.0	727909.0	0.227662	Y



Calibration

/ Butadiene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

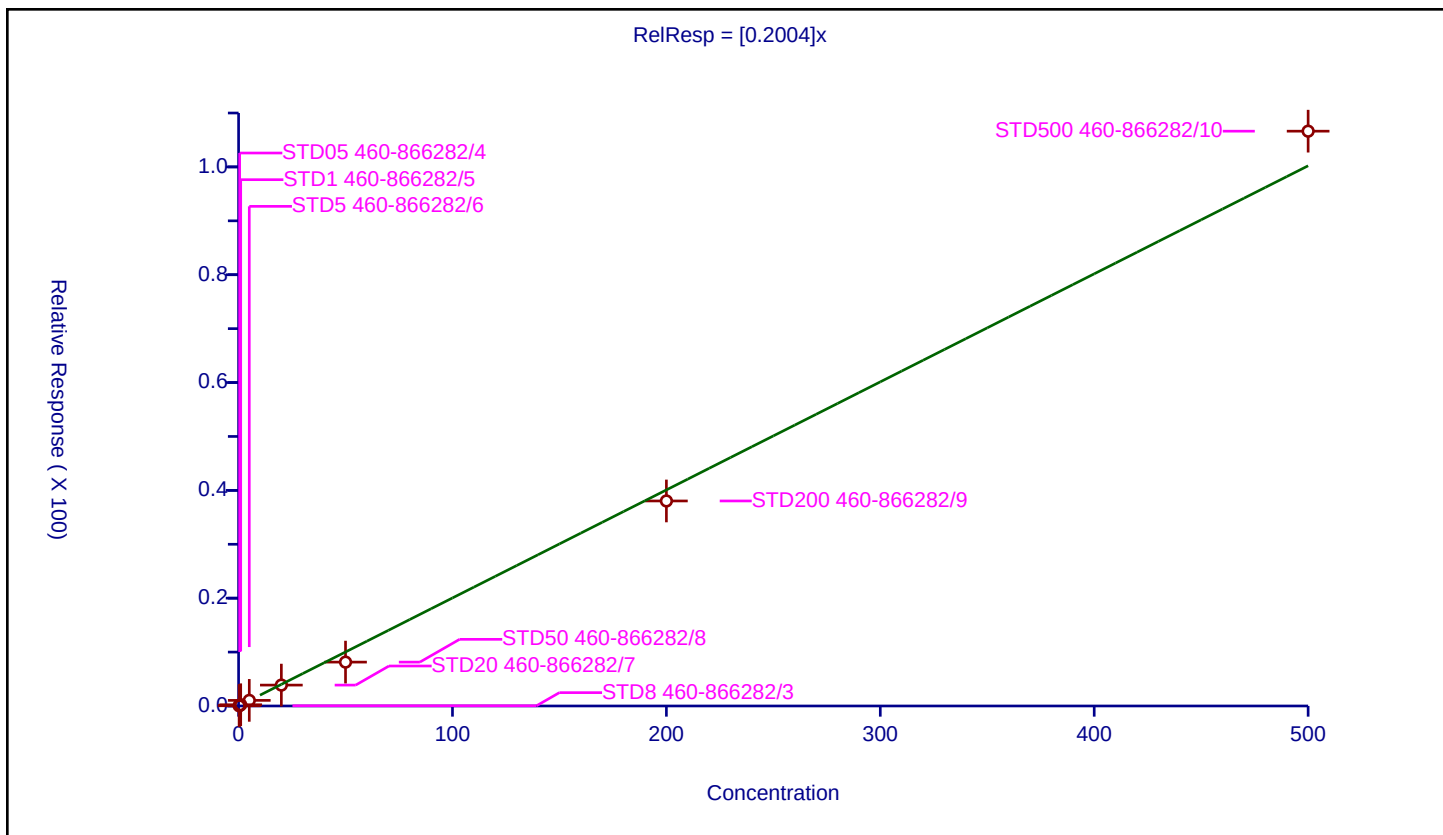
Curve Coefficients

Intercept: 0
 Slope: 0.2004

Error Coefficients

Standard Error: 623000
 Relative Standard Error: 13.2
 Correlation Coefficient: 0.997
 Coefficient of Determination (Adjusted): 0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.25	0.042348	50.0	907957.0	0.169391	Y
2	STD05 460-866282/4	0.5	0.118274	50.0	694997.0	0.236548	Y
3	STD1 460-866282/5	1.0	0.229213	50.0	713093.0	0.229213	Y
4	STD5 460-866282/6	5.0	1.039986	50.0	718904.0	0.207997	Y
5	STD20 460-866282/7	20.0	3.877857	50.0	683264.0	0.193893	Y
6	STD50 460-866282/8	50.0	8.142191	50.0	690717.0	0.162844	Y
7	STD200 460-866282/9	200.0	38.034329	50.0	705535.0	0.190172	Y
8	STD500 460-866282/10	500.0	106.633247	50.0	727909.0	0.213266	Y



Calibration

/ Bromomethane

Curve Type: Quadratic
Weighting: None
Origin: None
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

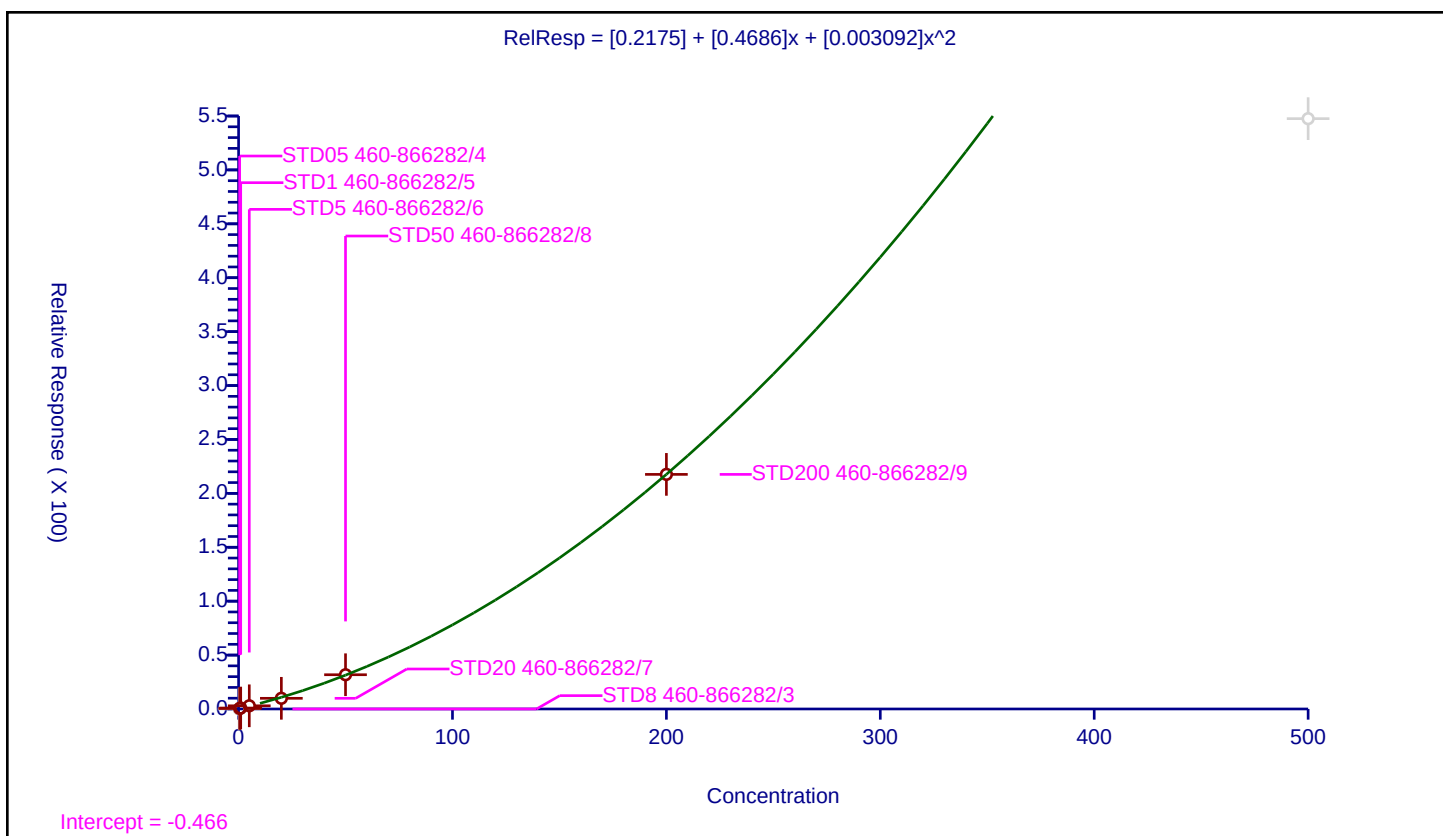
Curve Coefficients

Intercept: 0.2175
Slope: 0.4686
Second Order: 0.003092

Error Coefficients

Standard Error: 170000
Relative Standard Error: 25.2
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.25	0.0	250.0	434232.0	0.0	N
2	STD05 460-866282/4	0.5	0.487794	250.0	325445.0	0.975587	Y
3	STD1 460-866282/5	1.0	0.870224	250.0	335833.0	0.870224	Y
4	STD5 460-866282/6	5.0	2.965667	250.0	351270.0	0.593133	Y
5	STD20 460-866282/7	20.0	9.902956	250.0	338611.0	0.495148	Y
6	STD50 460-866282/8	50.0	31.774244	250.0	333635.0	0.635485	Y
7	STD200 460-866282/9	200.0	217.604541	250.0	334391.0	1.088023	Y
8	STD500 460-866282/10	500.0	547.55842	250.0	333022.0	1.095117	N



Calibration

/ Chloroethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

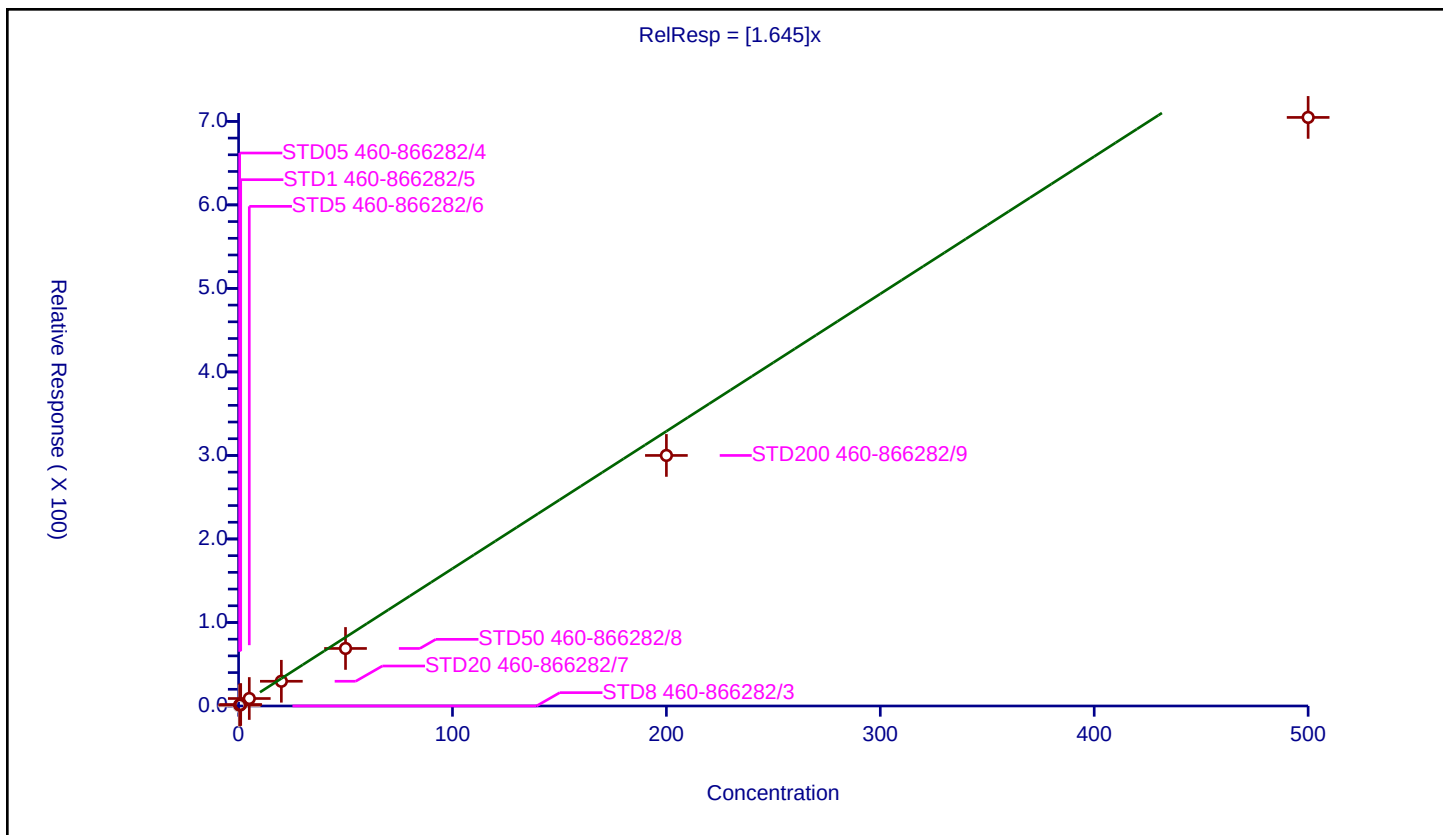
Curve Coefficients

Intercept: 0
 Slope: 1.645

Error Coefficients

Standard Error: 418000
 Relative Standard Error: 18.2
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.950

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.25	0.0	250.0	434232.0	0.0	N
2	STD05 460-866282/4	0.5	1.111555	250.0	325445.0	2.22311	Y
3	STD1 460-866282/5	1.0	1.733004	250.0	335833.0	1.733004	Y
4	STD5 460-866282/6	5.0	8.95038	250.0	351270.0	1.790076	Y
5	STD20 460-866282/7	20.0	29.604768	250.0	338611.0	1.480238	Y
6	STD50 460-866282/8	50.0	68.901644	250.0	333635.0	1.378033	Y
7	STD200 460-866282/9	200.0	299.991627	250.0	334391.0	1.499958	Y
8	STD500 460-866282/10	500.0	704.734222	250.0	333022.0	1.409468	Y



Calibration

/ Dichlorofluoromethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

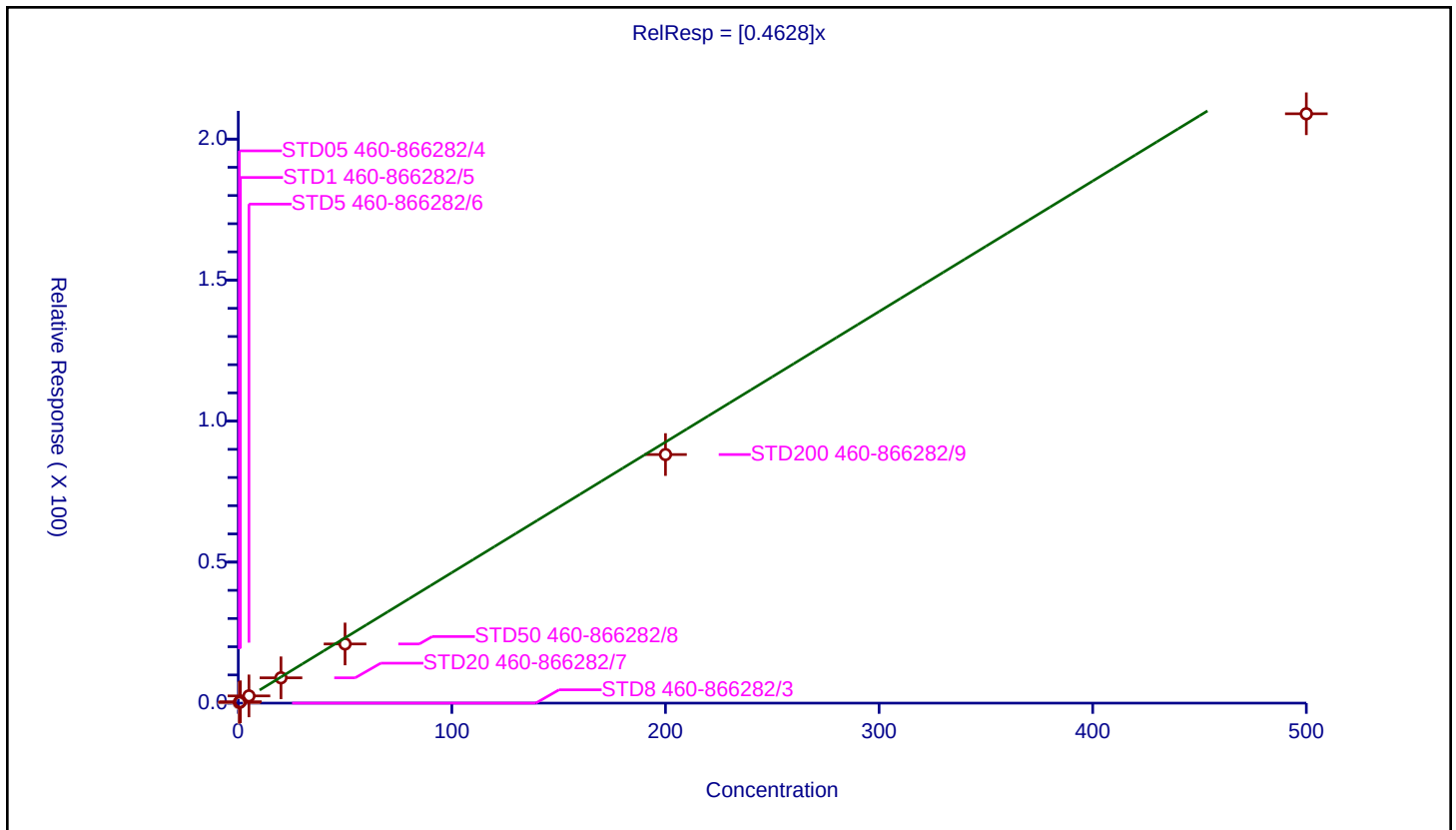
Curve Coefficients

Intercept: 0
 Slope: 0.4628

Error Coefficients

Standard Error: 1350000
 Relative Standard Error: 8.8
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.25	0.0	50.0	907957.0	0.0	N
2	STD05 460-866282/4	0.5	0.254533	50.0	694997.0	0.509067	Y
3	STD1 460-866282/5	1.0	0.490539	50.0	713093.0	0.490539	Y
4	STD5 460-866282/6	5.0	2.565363	50.0	718904.0	0.513073	Y
5	STD20 460-866282/7	20.0	8.977569	50.0	683264.0	0.448878	Y
6	STD50 460-866282/8	50.0	20.976608	50.0	690717.0	0.419532	Y
7	STD200 460-866282/9	200.0	88.146655	50.0	705535.0	0.440733	Y
8	STD500 460-866282/10	500.0	208.976053	50.0	727909.0	0.417952	Y



Calibration

/ Trichlorofluoromethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

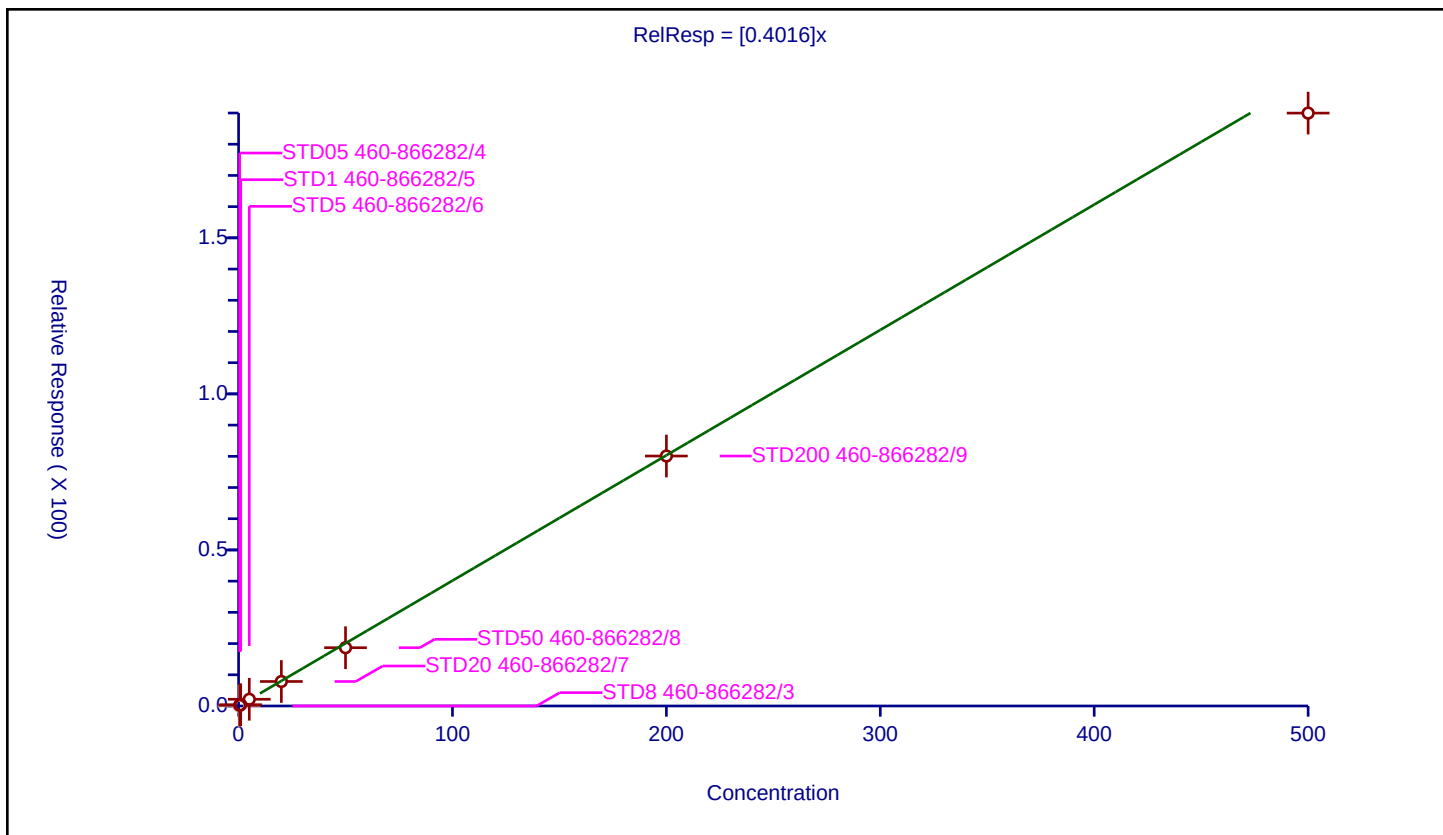
Curve Coefficients

Intercept: 0
 Slope: 0.4016

Error Coefficients

Standard Error: 1230000
 Relative Standard Error: 5.6
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.25	0.0	50.0	907957.0	0.0	N
2	STD05 460-866282/4	0.5	0.214821	50.0	694997.0	0.429642	Y
3	STD1 460-866282/5	1.0	0.404015	50.0	713093.0	0.404015	Y
4	STD5 460-866282/6	5.0	2.156408	50.0	718904.0	0.431282	Y
5	STD20 460-866282/7	20.0	7.851431	50.0	683264.0	0.392572	Y
6	STD50 460-866282/8	50.0	18.676607	50.0	690717.0	0.373532	Y
7	STD200 460-866282/9	200.0	80.090073	50.0	705535.0	0.40045	Y
8	STD500 460-866282/10	500.0	189.973197	50.0	727909.0	0.379946	Y



Calibration

/ Pentane

Curve Type: Linear
 Weighting: Conc_Sq
 Origin: None
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

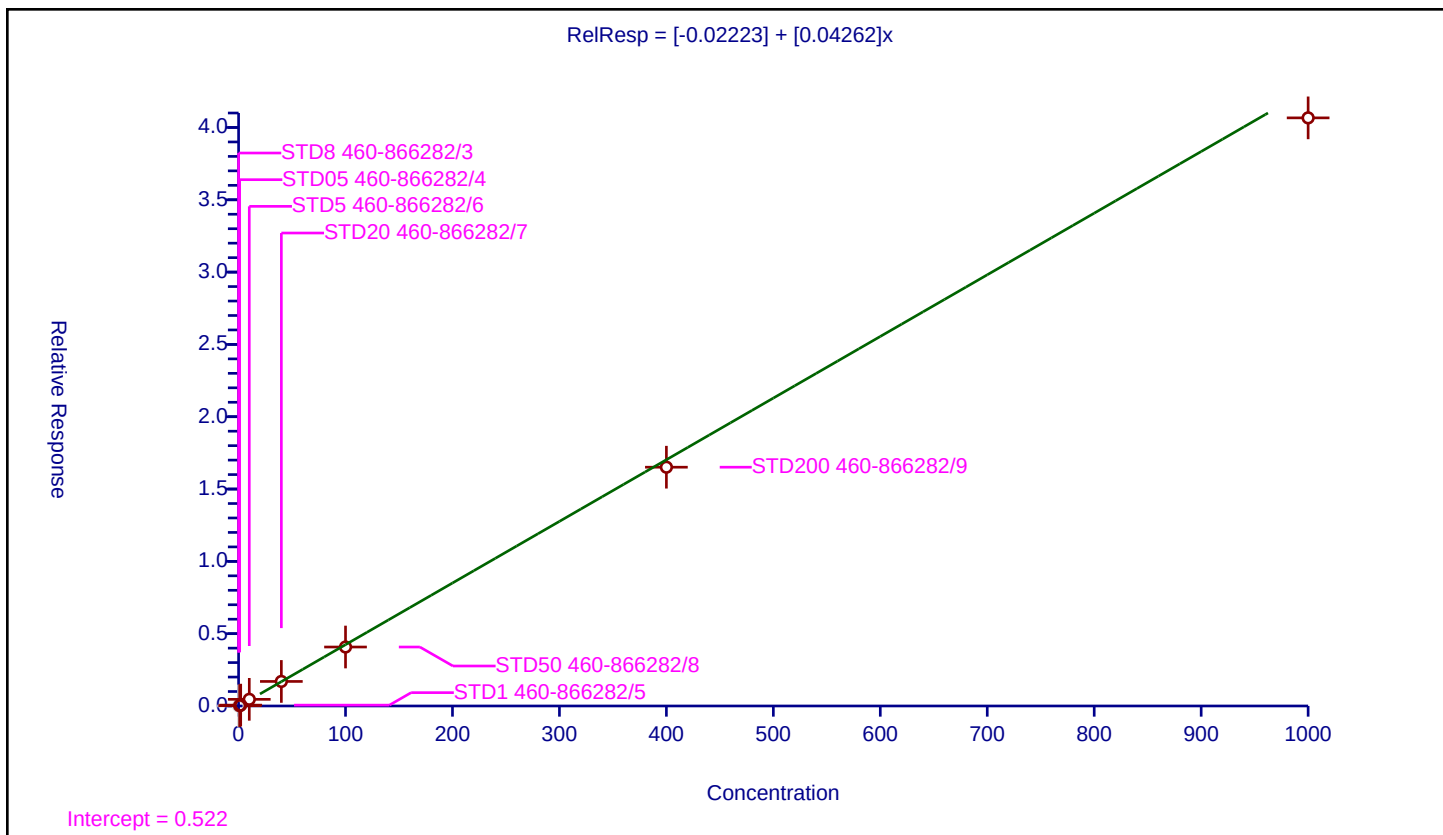
Curve Coefficients

Intercept: -0.02223
 Slope: 0.04262

Error Coefficients

Standard Error: 286000
 Relative Standard Error: 6.7
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	50.0	907957.0	NaN	N
2	STD05 460-866282/4	1.0	0.020432	50.0	694997.0	0.020432	Y
3	STD1 460-866282/5	2.0	0.060651	50.0	713093.0	0.030326	Y
4	STD5 460-866282/6	10.0	0.460214	50.0	718904.0	0.046021	Y
5	STD20 460-866282/7	40.0	1.697514	50.0	683264.0	0.042438	Y
6	STD50 460-866282/8	100.0	4.077068	50.0	690717.0	0.040771	Y
7	STD200 460-866282/9	400.0	16.510946	50.0	705535.0	0.041277	Y
8	STD500 460-866282/10	1000.0	40.663531	50.0	727909.0	0.040664	Y



Calibration

/ Ethanol

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

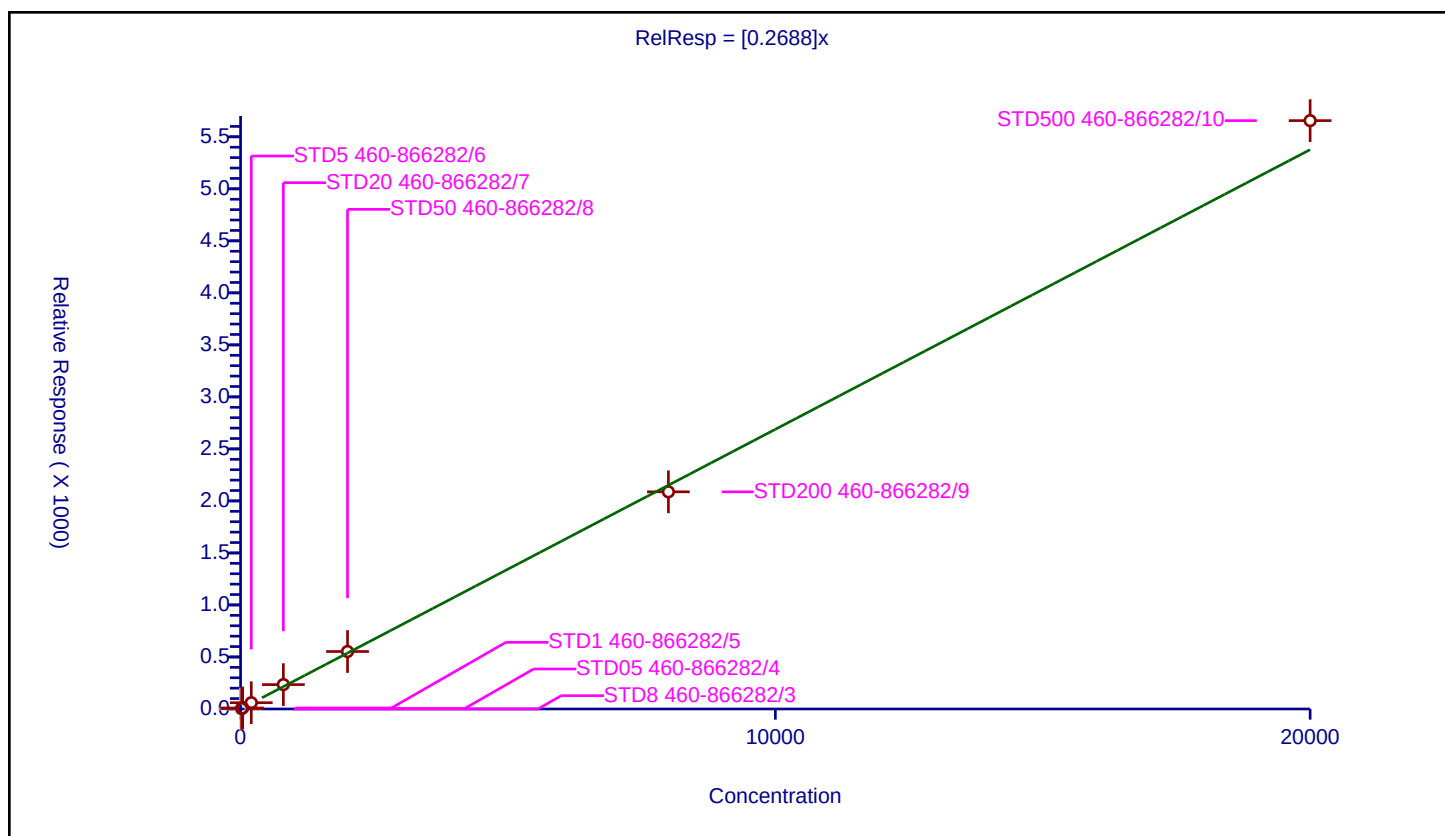
Curve Coefficients

Intercept: 0
 Slope: 0.2688

Error Coefficients

Standard Error: 109000
 Relative Standard Error: 10.3
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	1000.0	57013.0	NaN	N
2	STD05 460-866282/4	20.0	4.535585	1000.0	41450.0	0.226779	Y
3	STD1 460-866282/5	40.0	9.609423	1000.0	48390.0	0.240236	Y
4	STD5 460-866282/6	200.0	60.351693	1000.0	46461.0	0.301758	Y
5	STD20 460-866282/7	800.0	234.490781	1000.0	46424.0	0.293113	Y
6	STD50 460-866282/8	2000.0	552.46851	1000.0	44379.0	0.276234	Y
7	STD200 460-866282/9	8000.0	2087.376027	1000.0	48297.0	0.260922	Y
8	STD500 460-866282/10	20000.0	5655.58466	1000.0	44667.0	0.282779	Y



Calibration

/ Ethyl ether

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

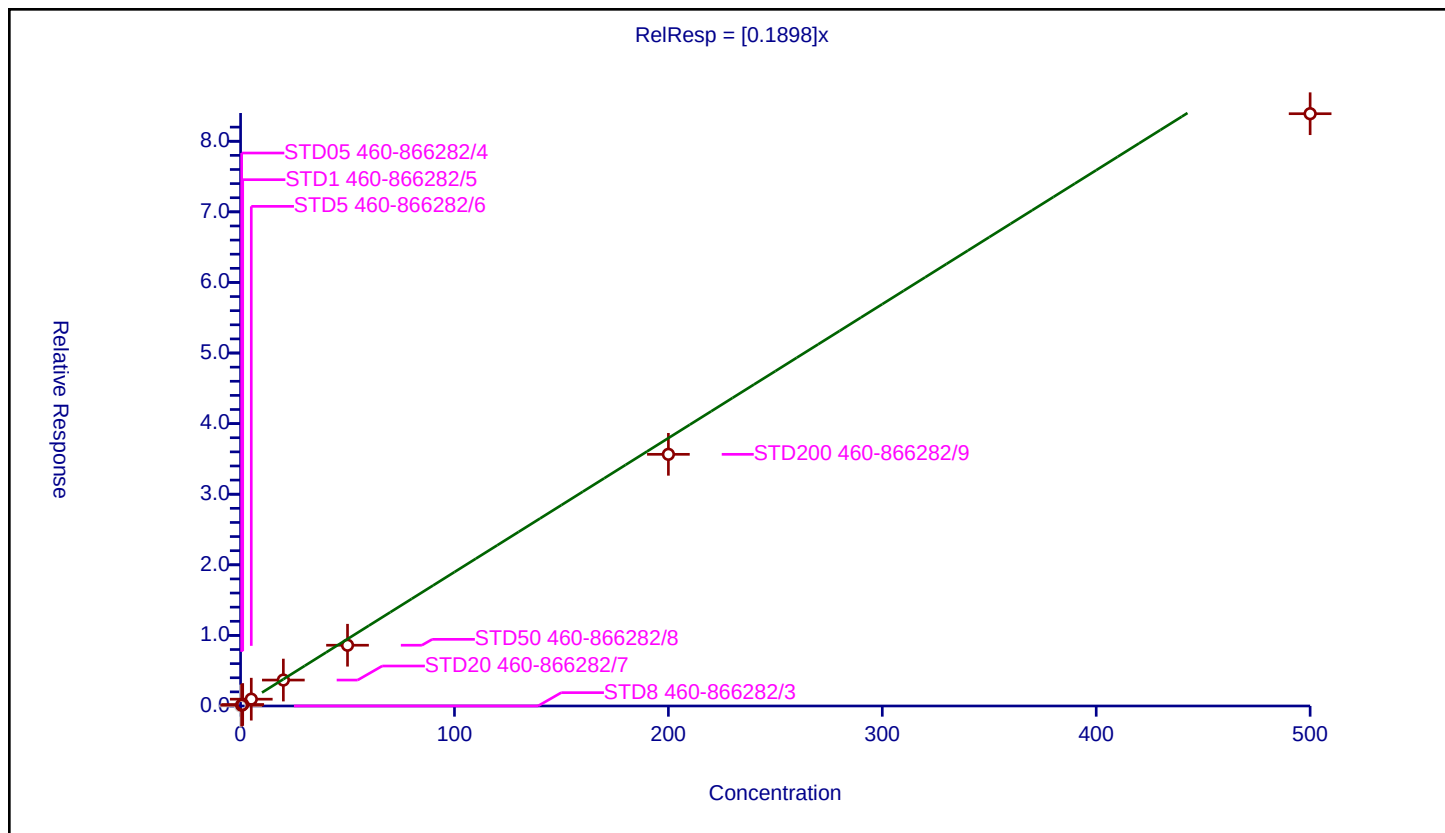
Curve Coefficients

Intercept: 0
 Slope: 0.1898

Error Coefficients

Standard Error: 542000
 Relative Standard Error: 10.8
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	50.0	907957.0	NaN	N
2	STD05 460-866282/4	0.5	0.112087	50.0	694997.0	0.224174	Y
3	STD1 460-866282/5	1.0	0.209299	50.0	713093.0	0.209299	Y
4	STD5 460-866282/6	5.0	0.964246	50.0	718904.0	0.192849	Y
5	STD20 460-866282/7	20.0	3.675519	50.0	683264.0	0.183776	Y
6	STD50 460-866282/8	50.0	8.606564	50.0	690717.0	0.172131	Y
7	STD200 460-866282/9	200.0	35.649117	50.0	705535.0	0.178246	Y
8	STD500 460-866282/10	500.0	83.900666	50.0	727909.0	0.167801	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

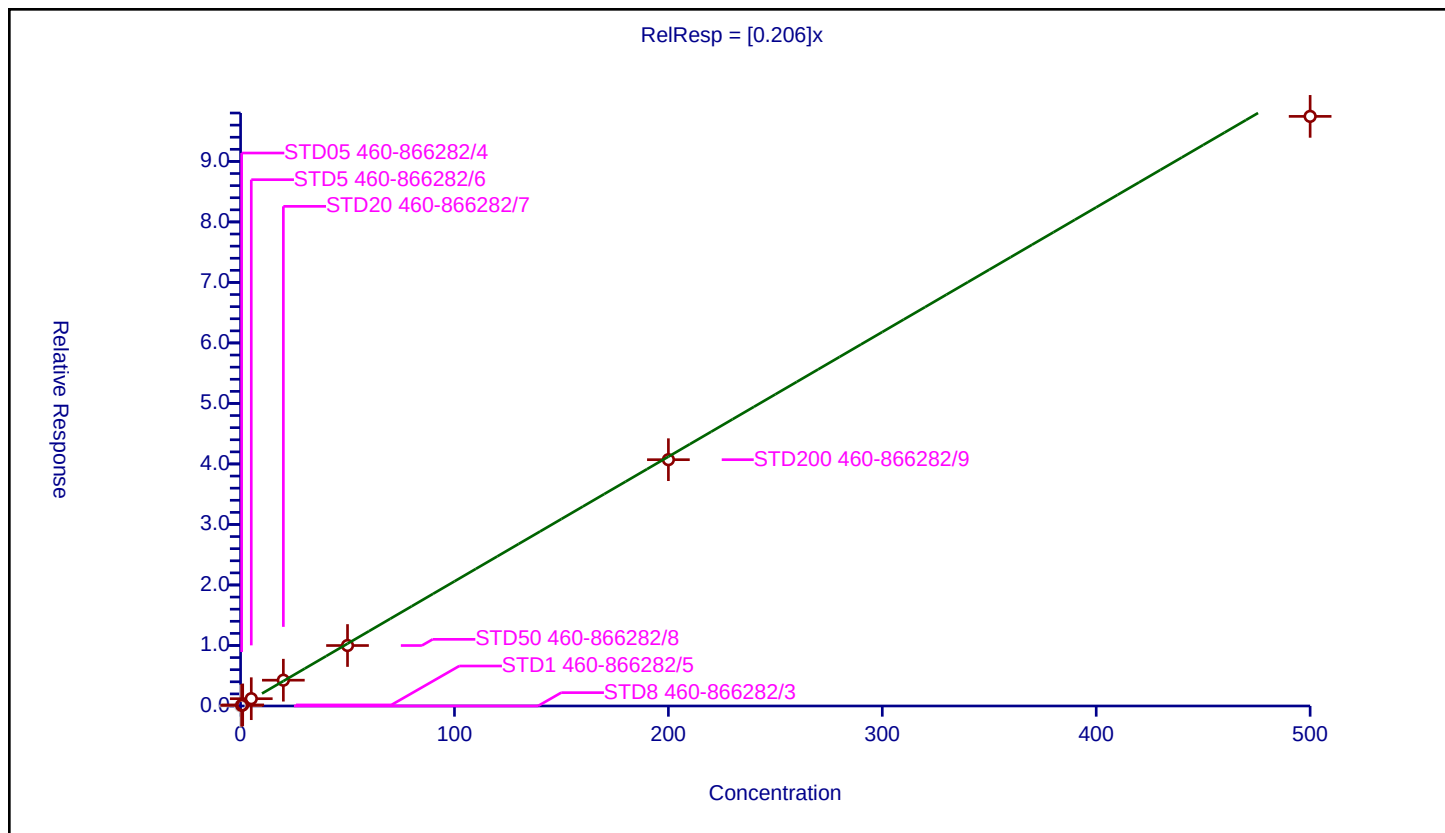
Curve Coefficients

Intercept: 0
 Slope: 0.206

Error Coefficients

Standard Error: 628000
 Relative Standard Error: 9.4
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	50.0	907957.0	NaN	N
2	STD05 460-866282/4	0.5	0.105612	50.0	694997.0	0.211224	Y
3	STD1 460-866282/5	1.0	0.178168	50.0	713093.0	0.178168	Y
4	STD5 460-866282/6	5.0	1.206489	50.0	718904.0	0.241298	Y
5	STD20 460-866282/7	20.0	4.263872	50.0	683264.0	0.213194	Y
6	STD50 460-866282/8	50.0	9.995193	50.0	690717.0	0.199904	Y
7	STD200 460-866282/9	200.0	40.707336	50.0	705535.0	0.203537	Y
8	STD500 460-866282/10	500.0	97.445285	50.0	727909.0	0.194891	Y



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

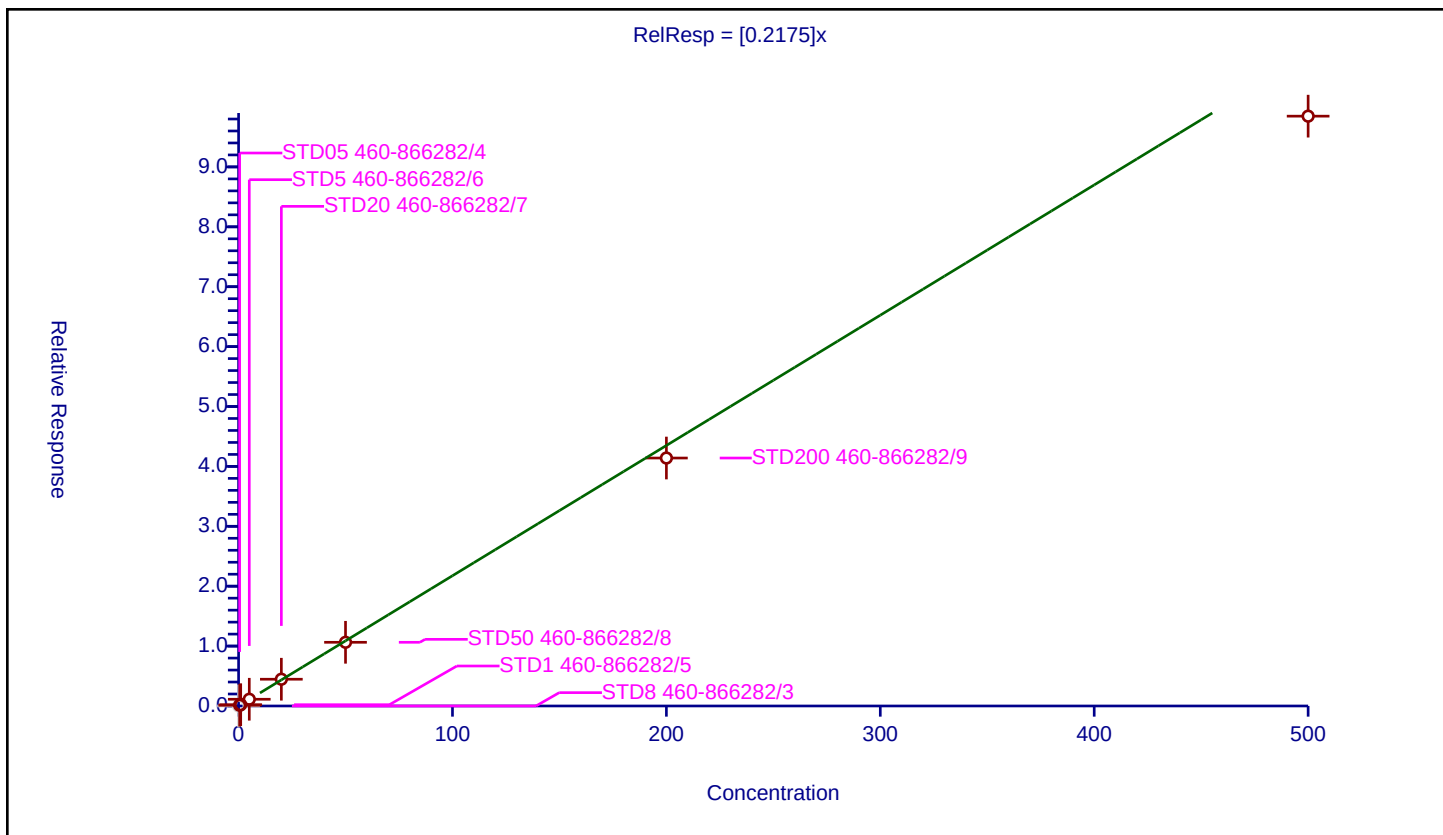
Curve Coefficients

Intercept: 0
 Slope: 0.2175

Error Coefficients

Standard Error: 635000
 Relative Standard Error: 6.6
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	50.0	907957.0	NaN	N
2	STD05 460-866282/4	0.5	0.120936	50.0	694997.0	0.241872	Y
3	STD1 460-866282/5	1.0	0.21533	50.0	713093.0	0.21533	Y
4	STD5 460-866282/6	5.0	1.125463	50.0	718904.0	0.225093	Y
5	STD20 460-866282/7	20.0	4.469575	50.0	683264.0	0.223479	Y
6	STD50 460-866282/8	50.0	10.634022	50.0	690717.0	0.21268	Y
7	STD200 460-866282/9	200.0	41.399647	50.0	705535.0	0.206998	Y
8	STD500 460-866282/10	500.0	98.475084	50.0	727909.0	0.19695	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

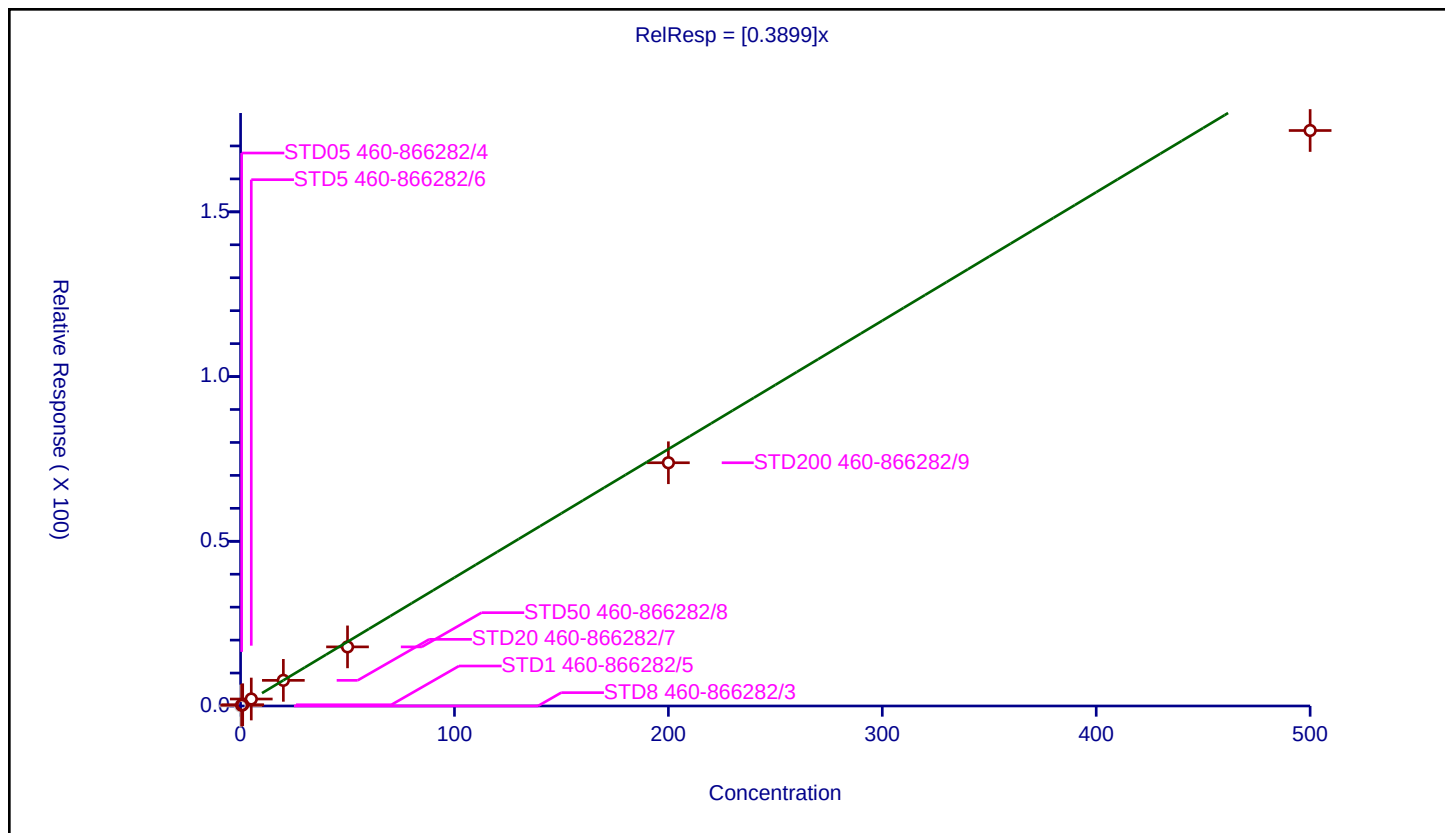
Curve Coefficients

Intercept: 0
Slope: 0.3899

Error Coefficients

Standard Error: 1130000
Relative Standard Error: 10.6
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.985

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	50.0	907957.0	NaN	N
2	STD05 460-866282/4	0.5	0.233095	50.0	694997.0	0.466189	Y
3	STD1 460-866282/5	1.0	0.373864	50.0	713093.0	0.373864	Y
4	STD5 460-866282/6	5.0	2.112869	50.0	718904.0	0.422574	Y
5	STD20 460-866282/7	20.0	7.784839	50.0	683264.0	0.389242	Y
6	STD50 460-866282/8	50.0	17.940488	50.0	690717.0	0.35881	Y
7	STD200 460-866282/9	200.0	73.837939	50.0	705535.0	0.36919	Y
8	STD500 460-866282/10	500.0	174.691273	50.0	727909.0	0.349383	Y



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

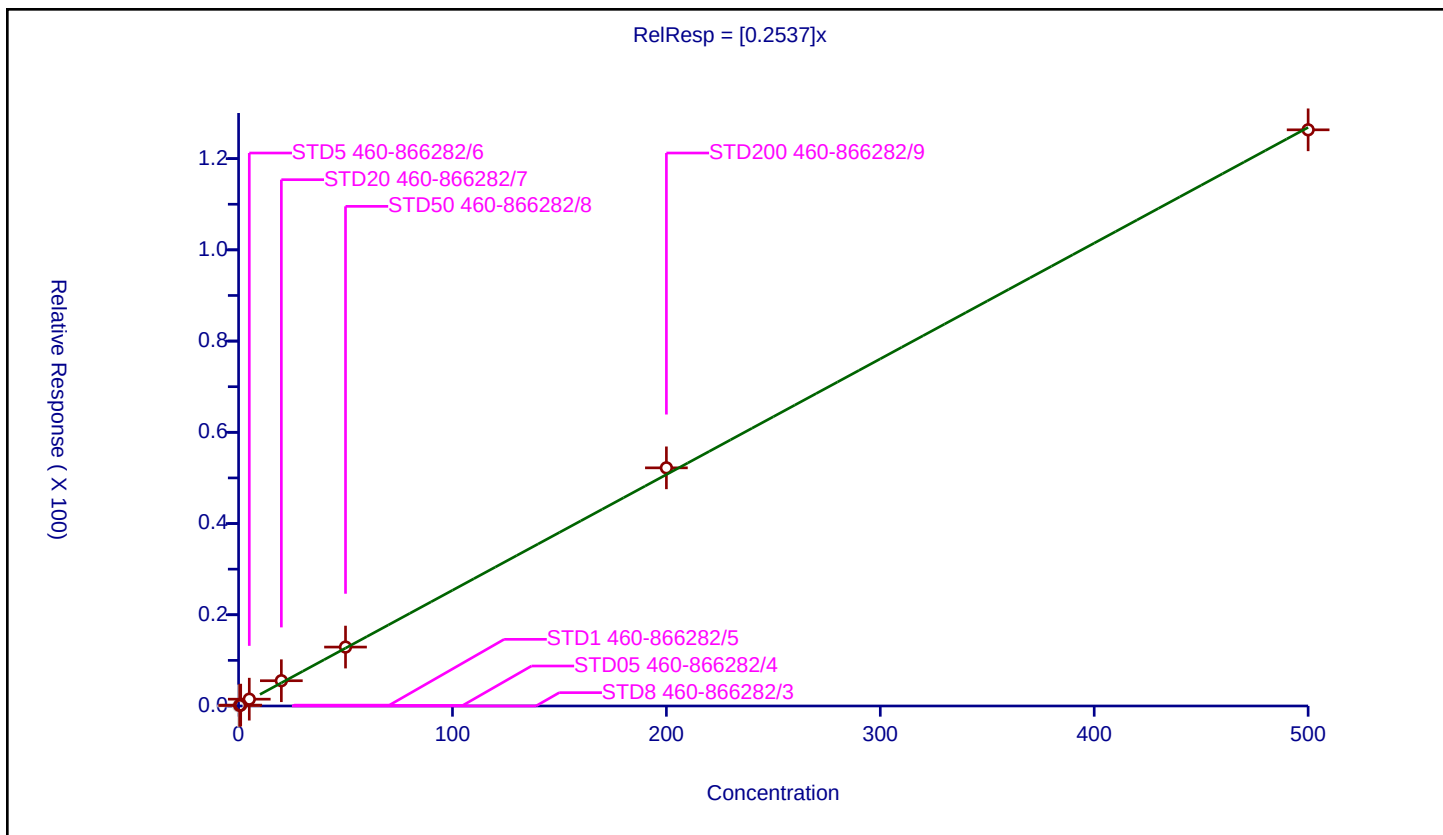
Curve Coefficients

Intercept: 0
Slope: 0.2537

Error Coefficients

Standard Error: 813000
Relative Standard Error: 13.7
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	50.0	907957.0	NaN	N
2	STD05 460-866282/4	0.5	0.120072	50.0	694997.0	0.240145	Y
3	STD1 460-866282/5	1.0	0.187493	50.0	713093.0	0.187493	Y
4	STD5 460-866282/6	5.0	1.496166	50.0	718904.0	0.299233	Y
5	STD20 460-866282/7	20.0	5.537684	50.0	683264.0	0.276884	Y
6	STD50 460-866282/8	50.0	12.917302	50.0	690717.0	0.258346	Y
7	STD200 460-866282/9	200.0	52.210805	50.0	705535.0	0.261054	Y
8	STD500 460-866282/10	500.0	126.316682	50.0	727909.0	0.252633	Y



Calibration

/ Acrolein

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

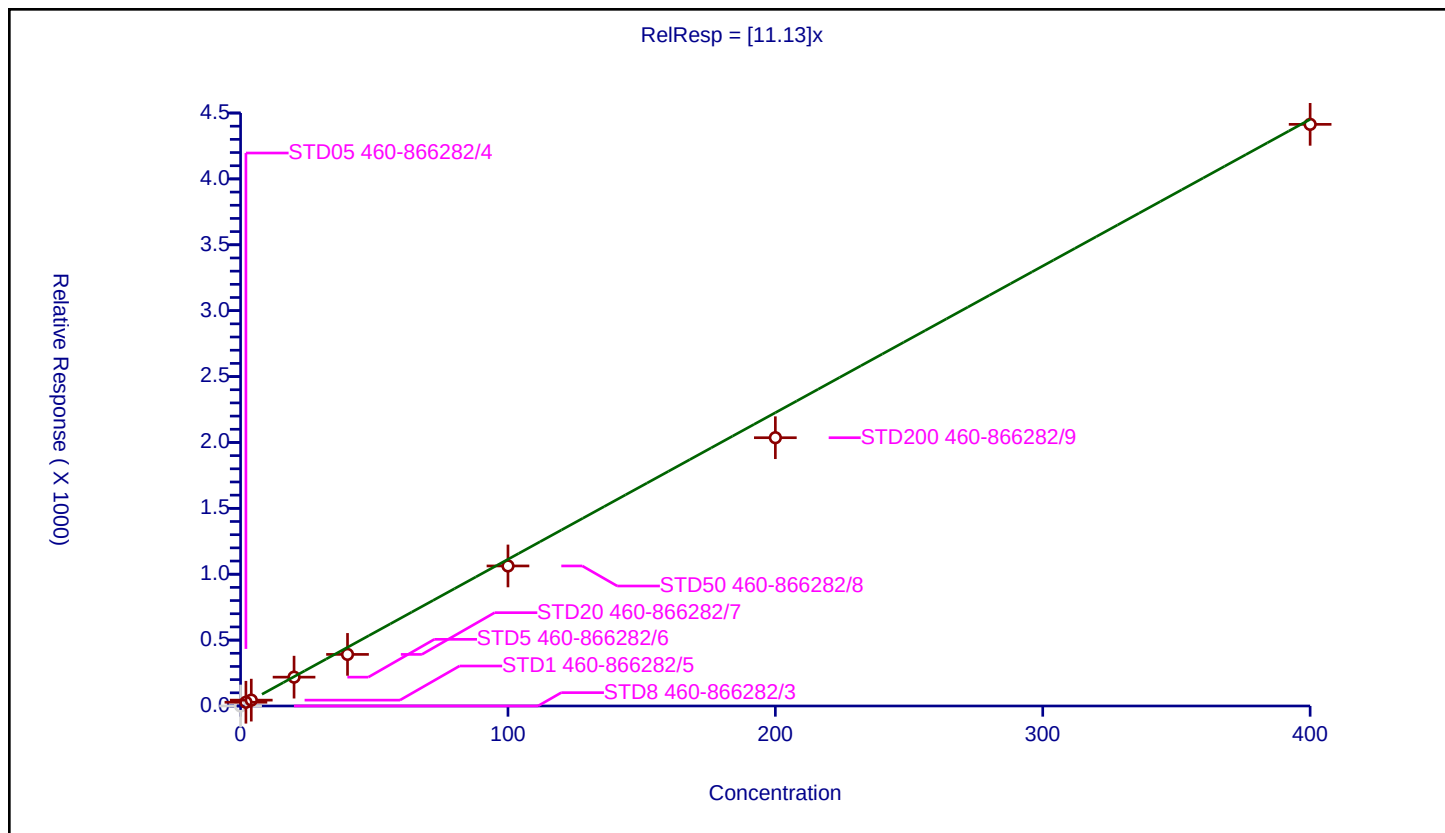
Curve Coefficients

Intercept: 0
 Slope: 11.13

Error Coefficients

Standard Error: 90300
 Relative Standard Error: 13.1
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.975

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	1000.0	57013.0	NaN	N
2	STD05 460-866282/4	2.0	28.492159	1000.0	41450.0	14.24608	Y
3	STD1 460-866282/5	4.0	44.348006	1000.0	48390.0	11.087001	Y
4	STD5 460-866282/6	20.0	218.893265	1000.0	46461.0	10.944663	Y
5	STD20 460-866282/7	40.0	391.435464	1000.0	46424.0	9.785887	Y
6	STD50 460-866282/8	100.0	1062.70984	1000.0	44379.0	10.627098	Y
7	STD200 460-866282/9	200.0	2035.944262	1000.0	48297.0	10.179721	Y
8	STD500 460-866282/10	400.0	4413.974523	1000.0	44667.0	11.034936	Y



Calibration

/ 1,1-Dichloroethene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

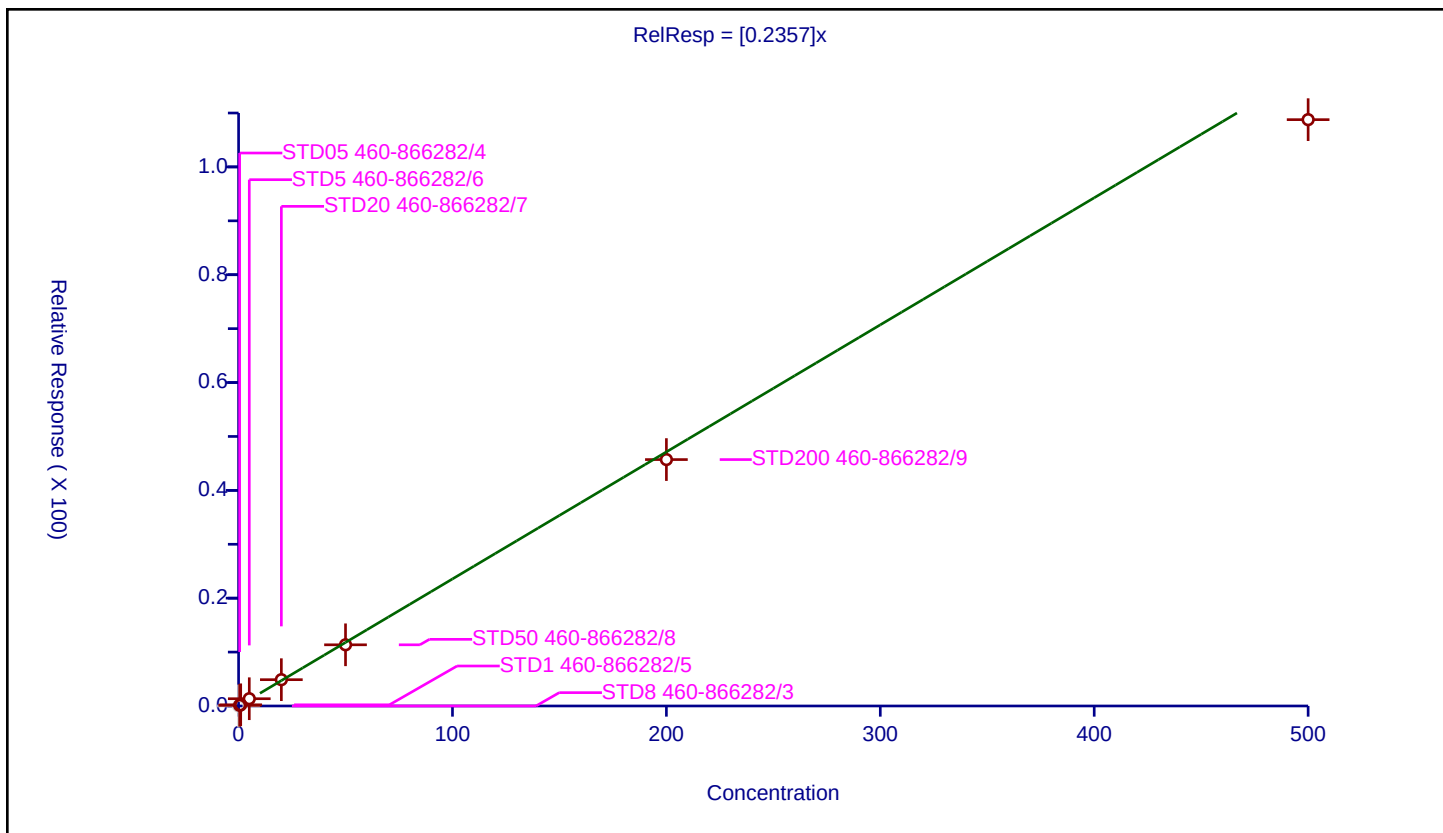
Curve Coefficients

Intercept: 0
 Slope: 0.2357

Error Coefficients

Standard Error: 701000
 Relative Standard Error: 7.9
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	50.0	907957.0	NaN	N
2	STD05 460-866282/4	0.5	0.122519	50.0	694997.0	0.245037	Y
3	STD1 460-866282/5	1.0	0.218134	50.0	713093.0	0.218134	Y
4	STD5 460-866282/6	5.0	1.348233	50.0	718904.0	0.269647	Y
5	STD20 460-866282/7	20.0	4.878056	50.0	683264.0	0.243903	Y
6	STD50 460-866282/8	50.0	11.348859	50.0	690717.0	0.226977	Y
7	STD200 460-866282/9	200.0	45.70971	50.0	705535.0	0.228549	Y
8	STD500 460-866282/10	500.0	108.769228	50.0	727909.0	0.217538	Y



Calibration

/ Acetone

Curve Type: Quadratic
 Weighting: None
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

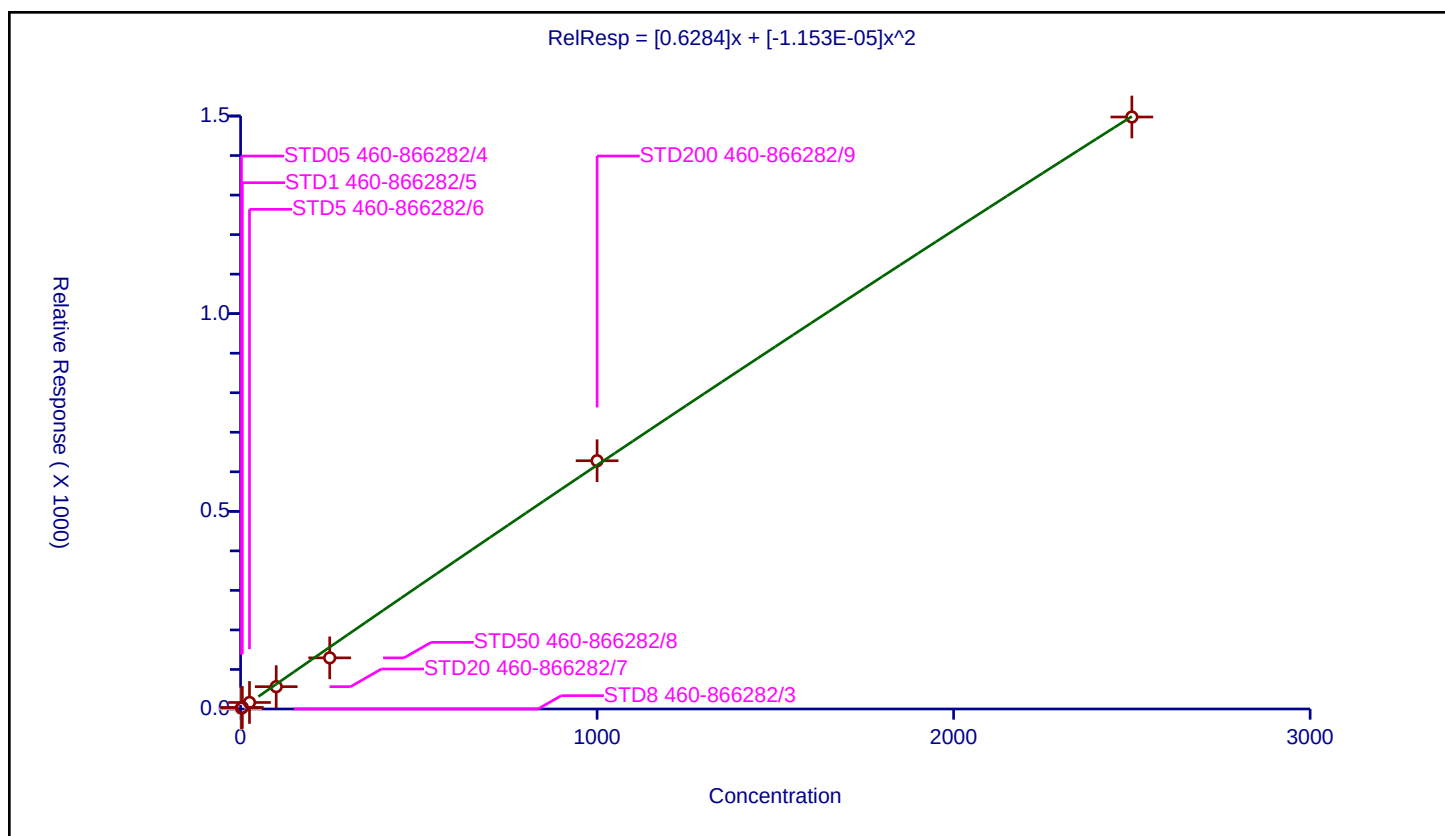
Curve Coefficients

Intercept: 0
 Slope: 0.6284
 Second Order: -1.153E-05

Error Coefficients

Standard Error: 971000
 Relative Standard Error: 32.5
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	250.0	434232.0	NaN	N
2	STD05 460-866282/4	2.5	2.584922	250.0	325445.0	1.033969	Y
3	STD1 460-866282/5	5.0	3.961046	250.0	335833.0	0.792209	Y
4	STD5 460-866282/6	25.0	16.512939	250.0	351270.0	0.660518	Y
5	STD20 460-866282/7	100.0	56.494768	250.0	338611.0	0.564948	Y
6	STD50 460-866282/8	250.0	129.374166	250.0	333635.0	0.517497	Y
7	STD200 460-866282/9	1000.0	627.987894	250.0	334391.0	0.627988	Y
8	STD500 460-866282/10	2500.0	1497.520434	250.0	333022.0	0.599008	Y



Calibration

/ Iodomethane

Curve Type: Quadratic
 Weighting: None
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

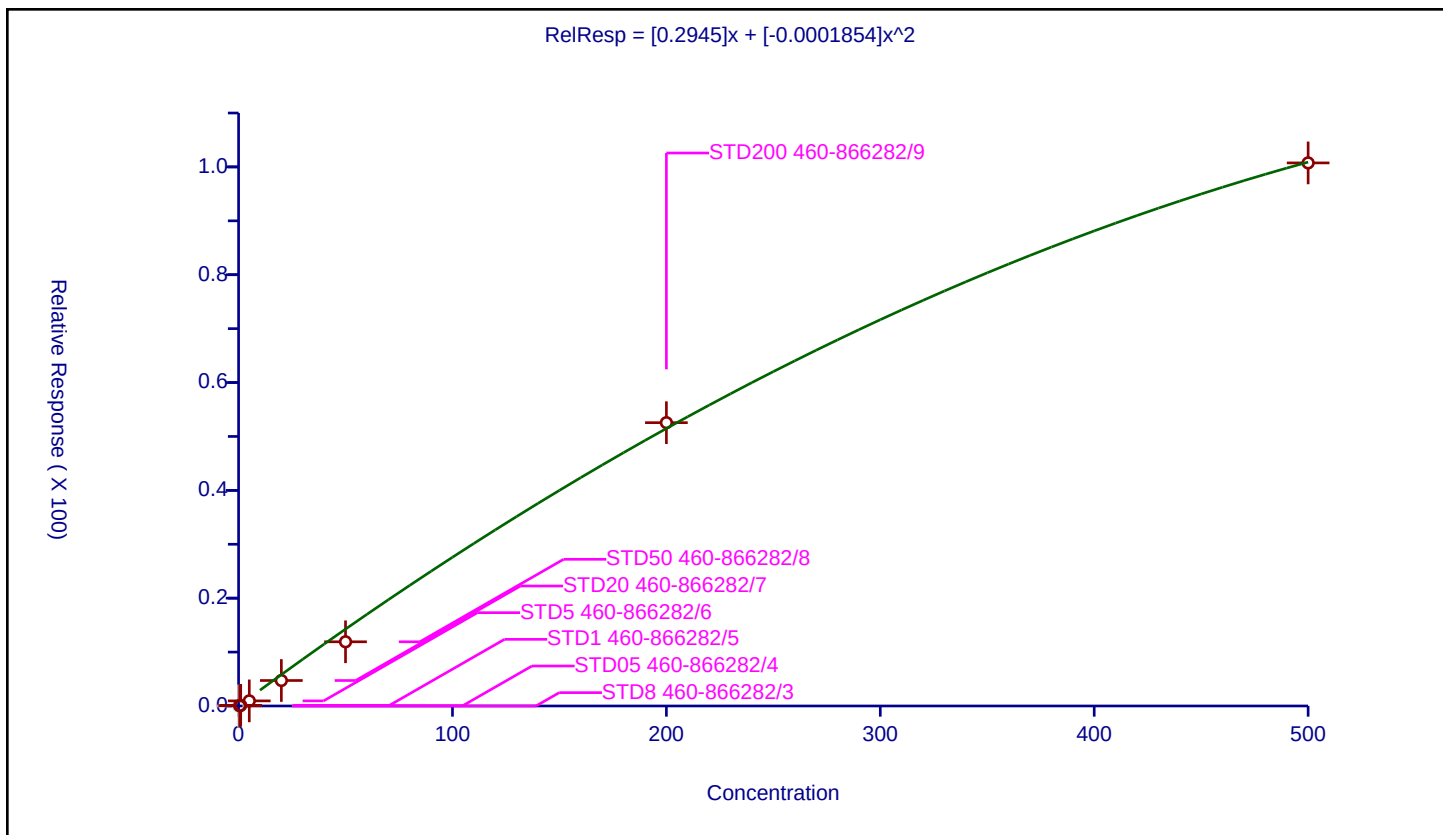
Curve Coefficients

Intercept: 0
 Slope: 0.2945
 Second Order: -0.0001854

Error Coefficients

Standard Error: 739000
 Relative Standard Error: 44.7
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	50.0	907957.0	NaN	N
2	STD05 460-866282/4	0.5	0.048705	50.0	694997.0	0.09741	Y
3	STD1 460-866282/5	1.0	0.117937	50.0	713093.0	0.117937	Y
4	STD5 460-866282/6	5.0	0.945258	50.0	718904.0	0.189052	Y
5	STD20 460-866282/7	20.0	4.72687	50.0	683264.0	0.236343	Y
6	STD50 460-866282/8	50.0	11.908857	50.0	690717.0	0.238177	Y
7	STD200 460-866282/9	200.0	52.558271	50.0	705535.0	0.262791	Y
8	STD500 460-866282/10	500.0	100.745766	50.0	727909.0	0.201492	Y



Calibration

/ Carbon disulfide

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

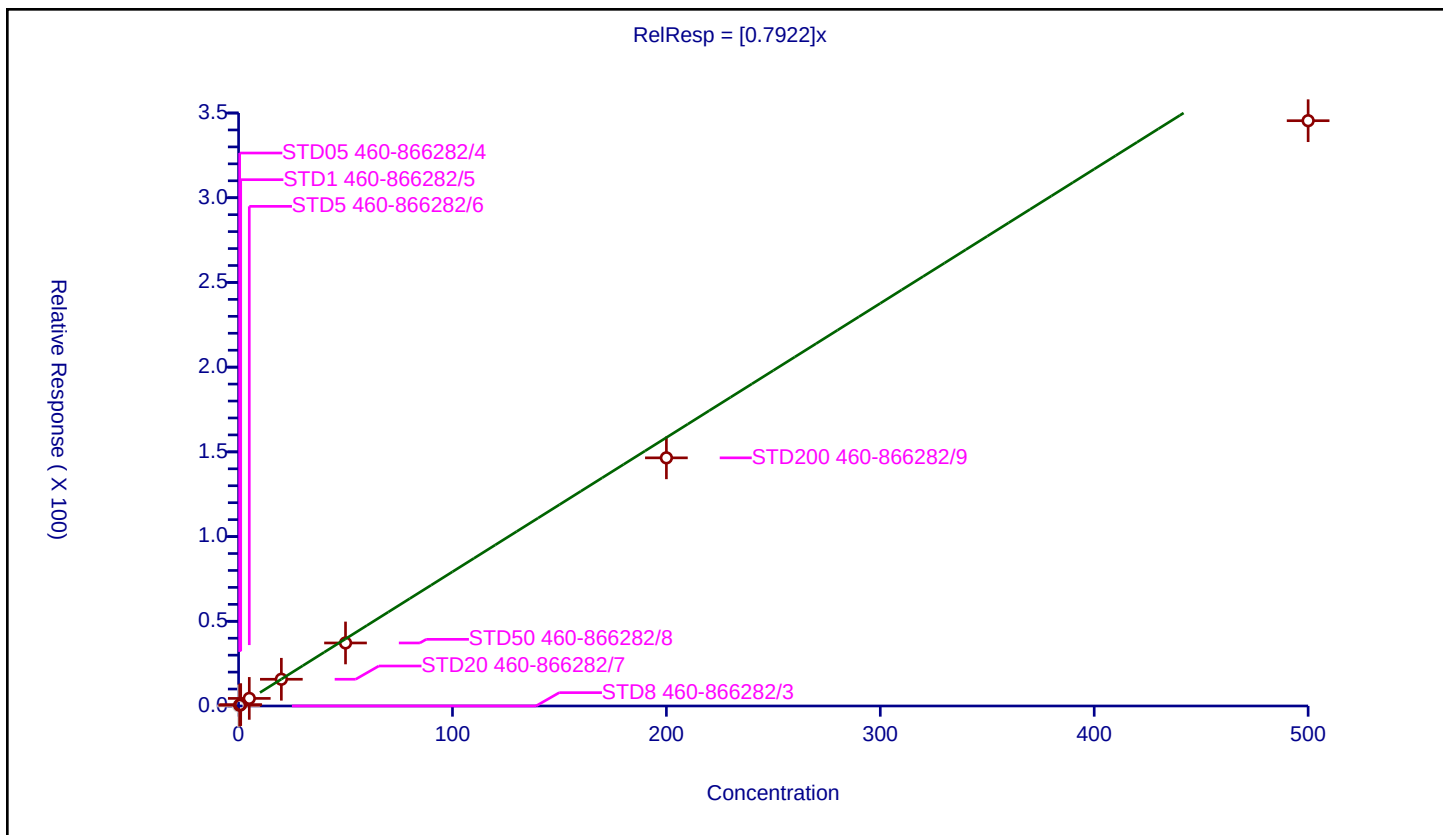
Curve Coefficients

Intercept: 0
 Slope: 0.7922

Error Coefficients

Standard Error: 2230000
 Relative Standard Error: 9.7
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	50.0	907957.0	NaN	N
2	STD05 460-866282/4	0.5	0.44216	50.0	694997.0	0.88432	Y
3	STD1 460-866282/5	1.0	0.80866	50.0	713093.0	0.80866	Y
4	STD5 460-866282/6	5.0	4.481196	50.0	718904.0	0.896239	Y
5	STD20 460-866282/7	20.0	15.78365	50.0	683264.0	0.789183	Y
6	STD50 460-866282/8	50.0	37.197868	50.0	690717.0	0.743957	Y
7	STD200 460-866282/9	200.0	146.462826	50.0	705535.0	0.732314	Y
8	STD500 460-866282/10	500.0	345.464131	50.0	727909.0	0.690928	Y



Calibration

/ Isopropyl alcohol

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

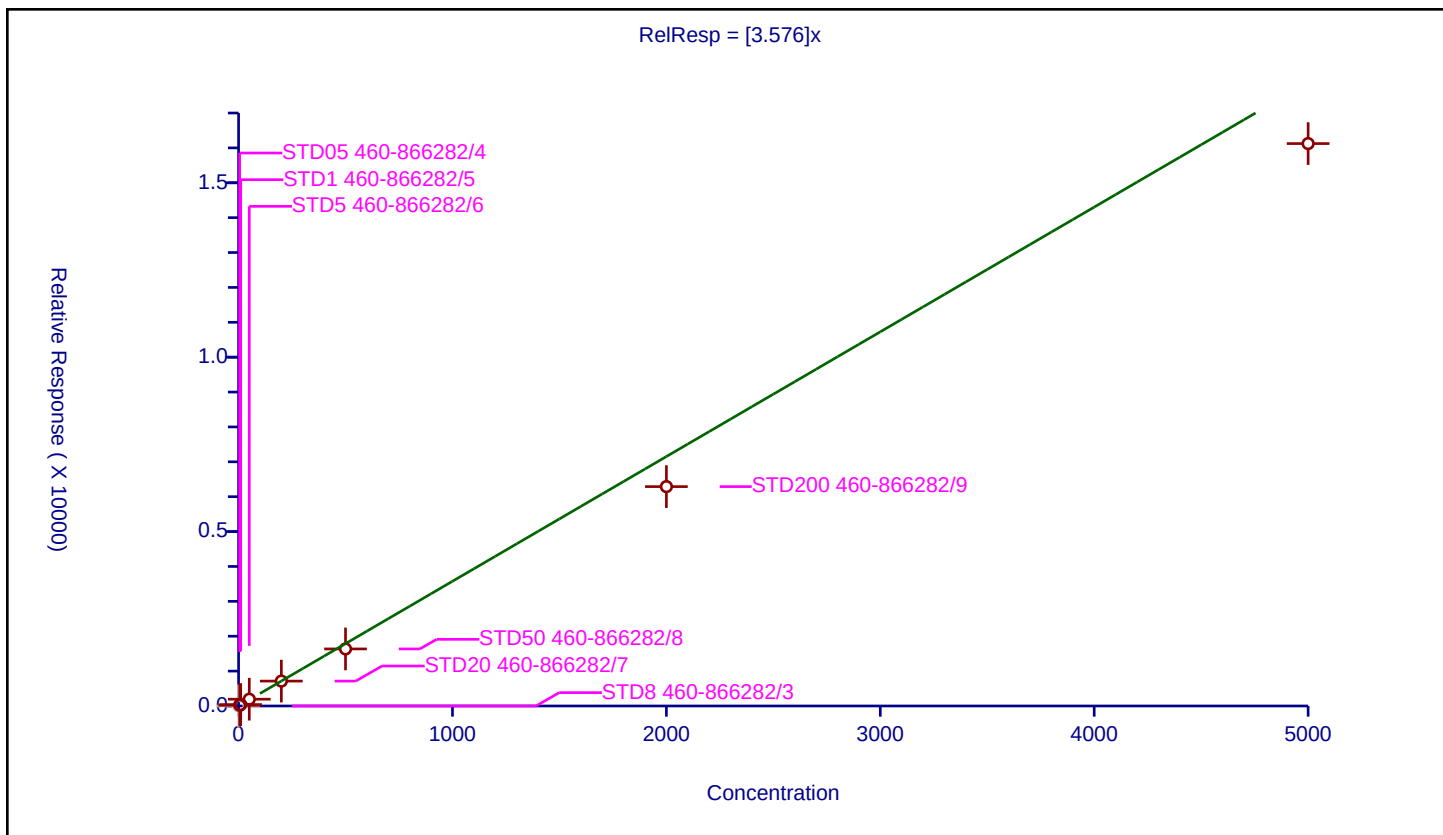
Curve Coefficients

Intercept: 0
 Slope: 3.576

Error Coefficients

Standard Error: 313000
 Relative Standard Error: 10.2
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	1000.0	57013.0	NaN	N
2	STD05 460-866282/4	5.0	19.686369	1000.0	41450.0	3.937274	Y
3	STD1 460-866282/5	10.0	39.94627	1000.0	48390.0	3.994627	Y
4	STD5 460-866282/6	50.0	194.399604	1000.0	46461.0	3.887992	Y
5	STD20 460-866282/7	200.0	713.984146	1000.0	46424.0	3.569921	Y
6	STD50 460-866282/8	500.0	1635.458212	1000.0	44379.0	3.270916	Y
7	STD200 460-866282/9	2000.0	6288.982753	1000.0	48297.0	3.144491	Y
8	STD500 460-866282/10	5000.0	16124.140865	1000.0	44667.0	3.224828	Y



Calibration

/ 3-Chloro-1-propene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

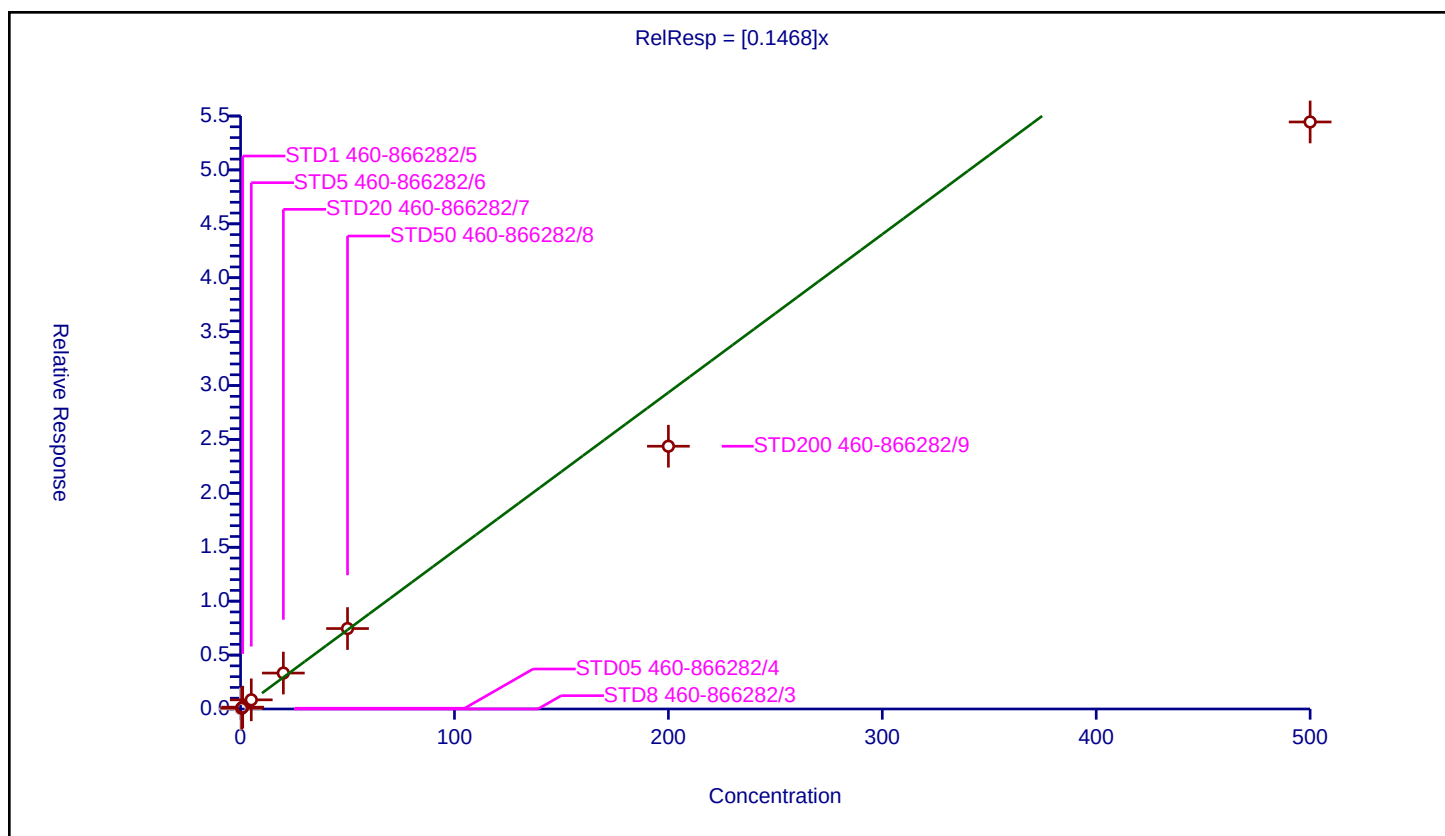
Curve Coefficients

Intercept: 0
Slope: 0.1468

Error Coefficients

Standard Error: 356000
Relative Standard Error: 16.4
Correlation Coefficient: 0.998
Coefficient of Determination (Adjusted): 0.967

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	50.0	907957.0	NaN	N
2	STD05 460-866282/4	0.5	0.071295	50.0	694997.0	0.142591	Y
3	STD1 460-866282/5	1.0	0.168211	50.0	713093.0	0.168211	Y
4	STD5 460-866282/6	5.0	0.849766	50.0	718904.0	0.169953	Y
5	STD20 460-866282/7	20.0	3.332753	50.0	683264.0	0.166638	Y
6	STD50 460-866282/8	50.0	7.462246	50.0	690717.0	0.149245	Y
7	STD200 460-866282/9	200.0	24.371434	50.0	705535.0	0.121857	Y
8	STD500 460-866282/10	500.0	54.448976	50.0	727909.0	0.108898	Y



Calibration

/ Cyclopentene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

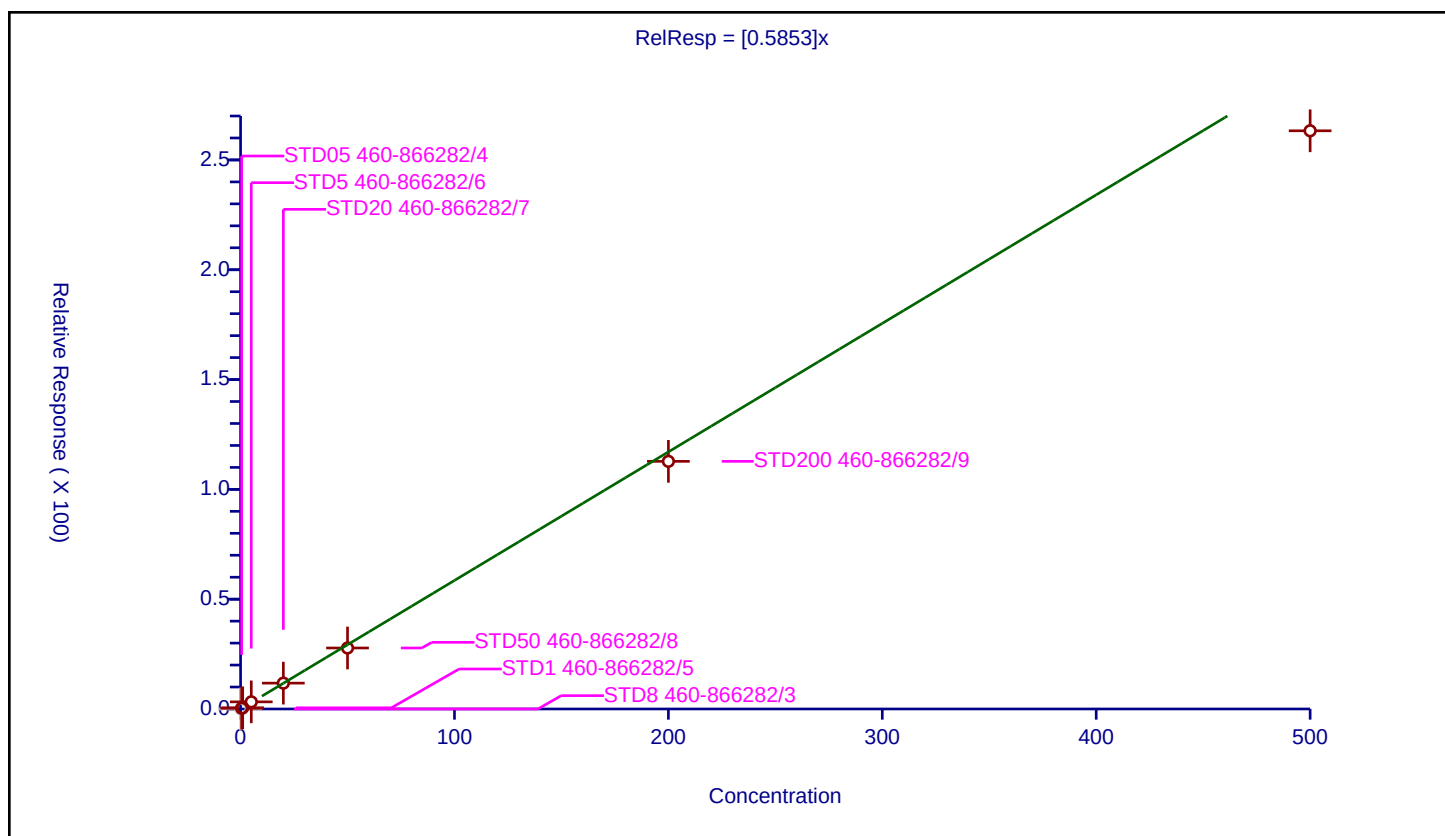
Curve Coefficients

Intercept: 0
Slope: 0.5853

Error Coefficients

Standard Error: 1700000
Relative Standard Error: 9.7
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	50.0	907957.0	NaN	N
2	STD05 460-866282/4	0.5	0.33734	50.0	694997.0	0.674679	Y
3	STD1 460-866282/5	1.0	0.537307	50.0	713093.0	0.537307	Y
4	STD5 460-866282/6	5.0	3.252799	50.0	718904.0	0.65056	Y
5	STD20 460-866282/7	20.0	11.769682	50.0	683264.0	0.588484	Y
6	STD50 460-866282/8	50.0	27.775558	50.0	690717.0	0.555511	Y
7	STD200 460-866282/9	200.0	112.758403	50.0	705535.0	0.563792	Y
8	STD500 460-866282/10	500.0	263.273156	50.0	727909.0	0.526546	Y



Calibration

/ Methyl acetate

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

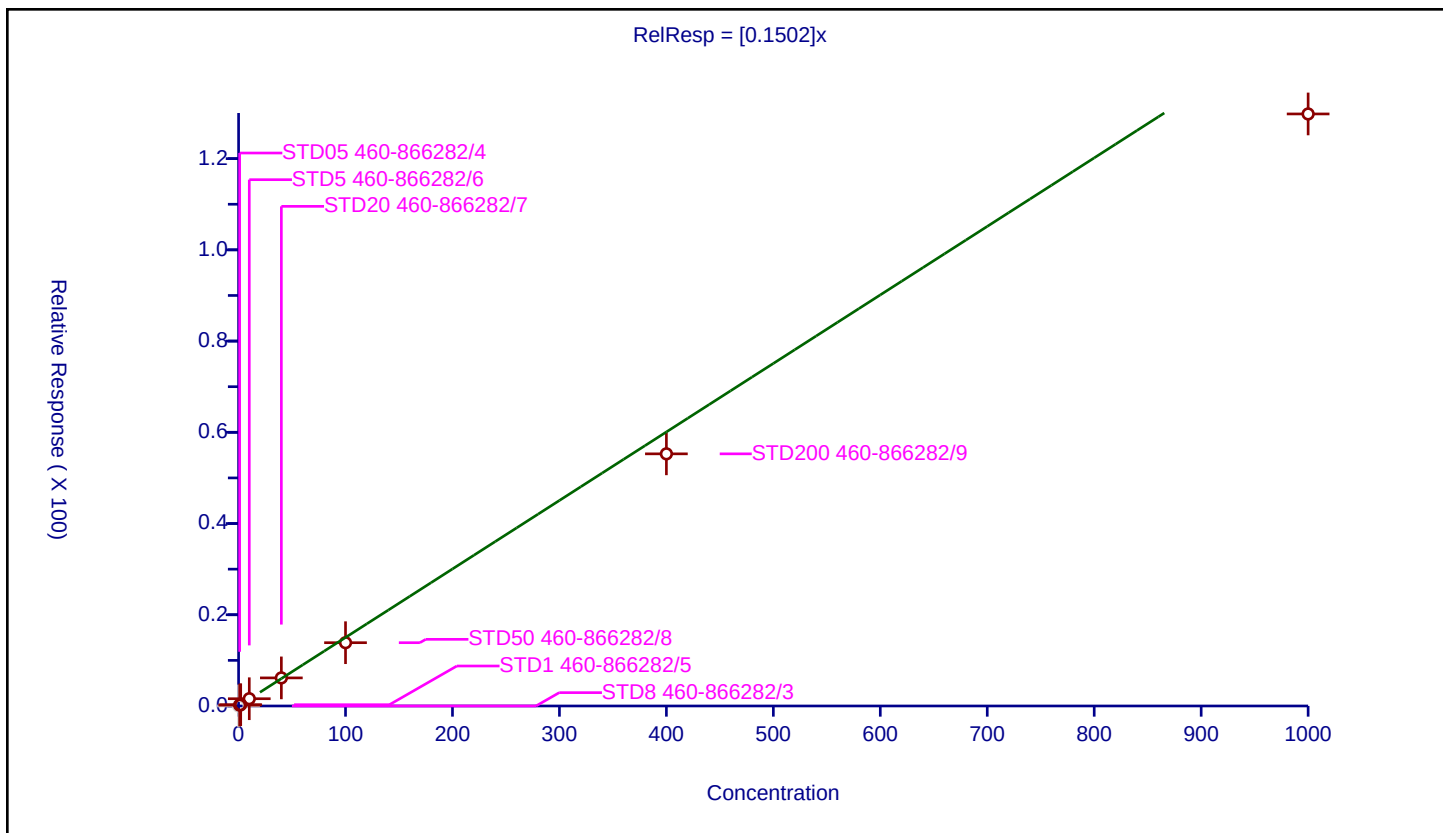
Curve Coefficients

Intercept: 0
Slope: 0.1502

Error Coefficients

Standard Error: 839000
Relative Standard Error: 13.2
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.976

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	50.0	907957.0	NaN	N
2	STD05 460-866282/4	1.0	0.189066	50.0	694997.0	0.189066	Y
3	STD1 460-866282/5	2.0	0.284605	50.0	713093.0	0.142303	Y
4	STD5 460-866282/6	10.0	1.593537	50.0	718904.0	0.159354	Y
5	STD20 460-866282/7	40.0	6.157137	50.0	683264.0	0.153928	Y
6	STD50 460-866282/8	100.0	13.875075	50.0	690717.0	0.138751	Y
7	STD200 460-866282/9	400.0	55.280177	50.0	705535.0	0.1382	Y
8	STD500 460-866282/10	1000.0	129.798162	50.0	727909.0	0.129798	Y



Calibration

/ Acetonitrile

Curve Type: Quadratic
 Weighting: None
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

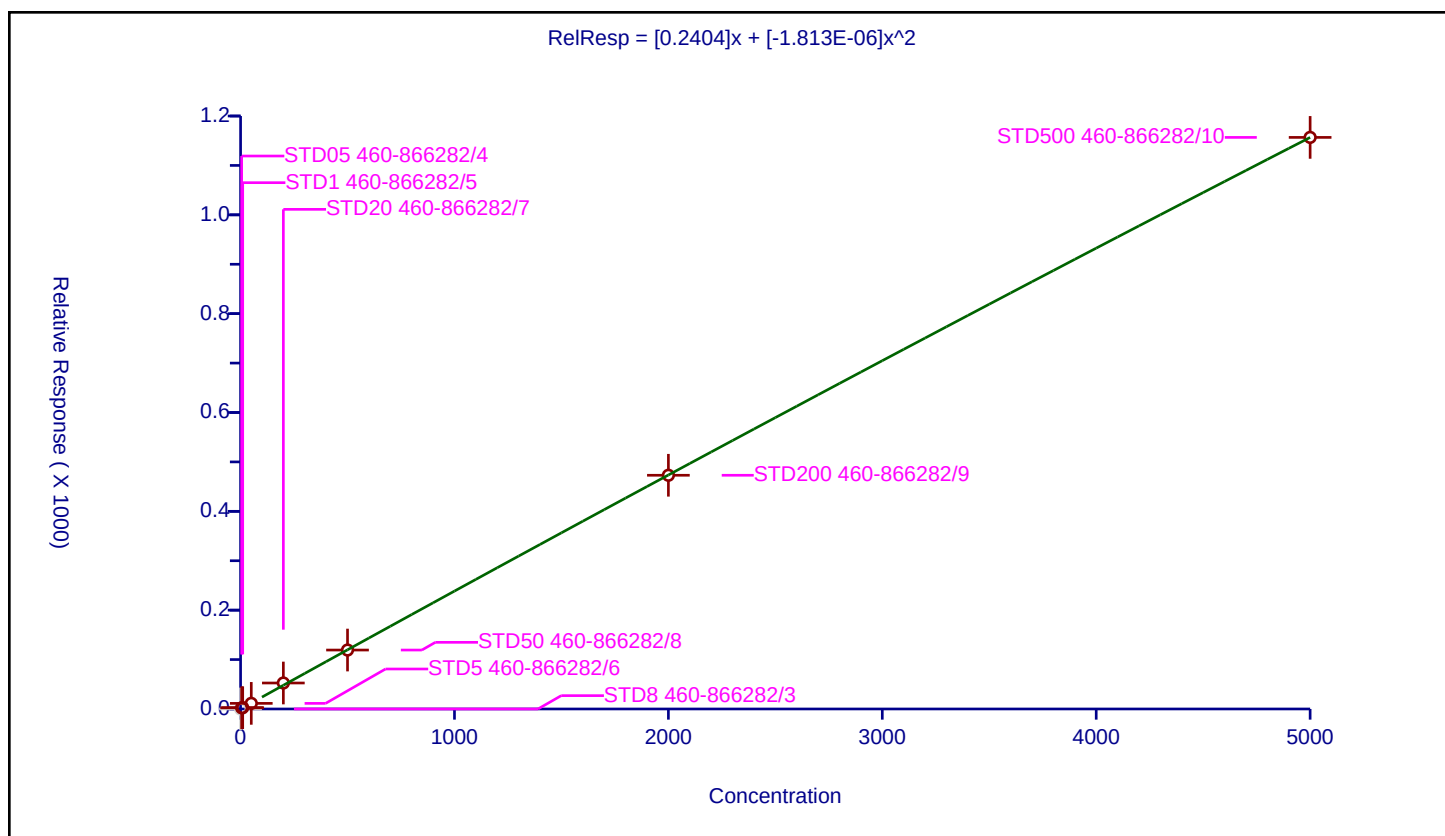
Curve Coefficients

Intercept: 0
 Slope: 0.2404
 Second Order: -1.813E-06

Error Coefficients

Standard Error: 748000
 Relative Standard Error: 43.1
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	250.0	434232.0	NaN	N
2	STD05 460-866282/4	5.0	2.342946	250.0	325445.0	0.468589	Y
3	STD1 460-866282/5	10.0	2.692559	250.0	335833.0	0.269256	Y
4	STD5 460-866282/6	50.0	11.385117	250.0	351270.0	0.227702	Y
5	STD20 460-866282/7	200.0	52.614209	250.0	338611.0	0.263071	Y
6	STD50 460-866282/8	500.0	119.294289	250.0	333635.0	0.238589	Y
7	STD200 460-866282/9	2000.0	472.990451	250.0	334391.0	0.236495	Y
8	STD500 460-866282/10	5000.0	1156.741897	250.0	333022.0	0.231348	Y



Calibration

/ Methylene Chloride

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

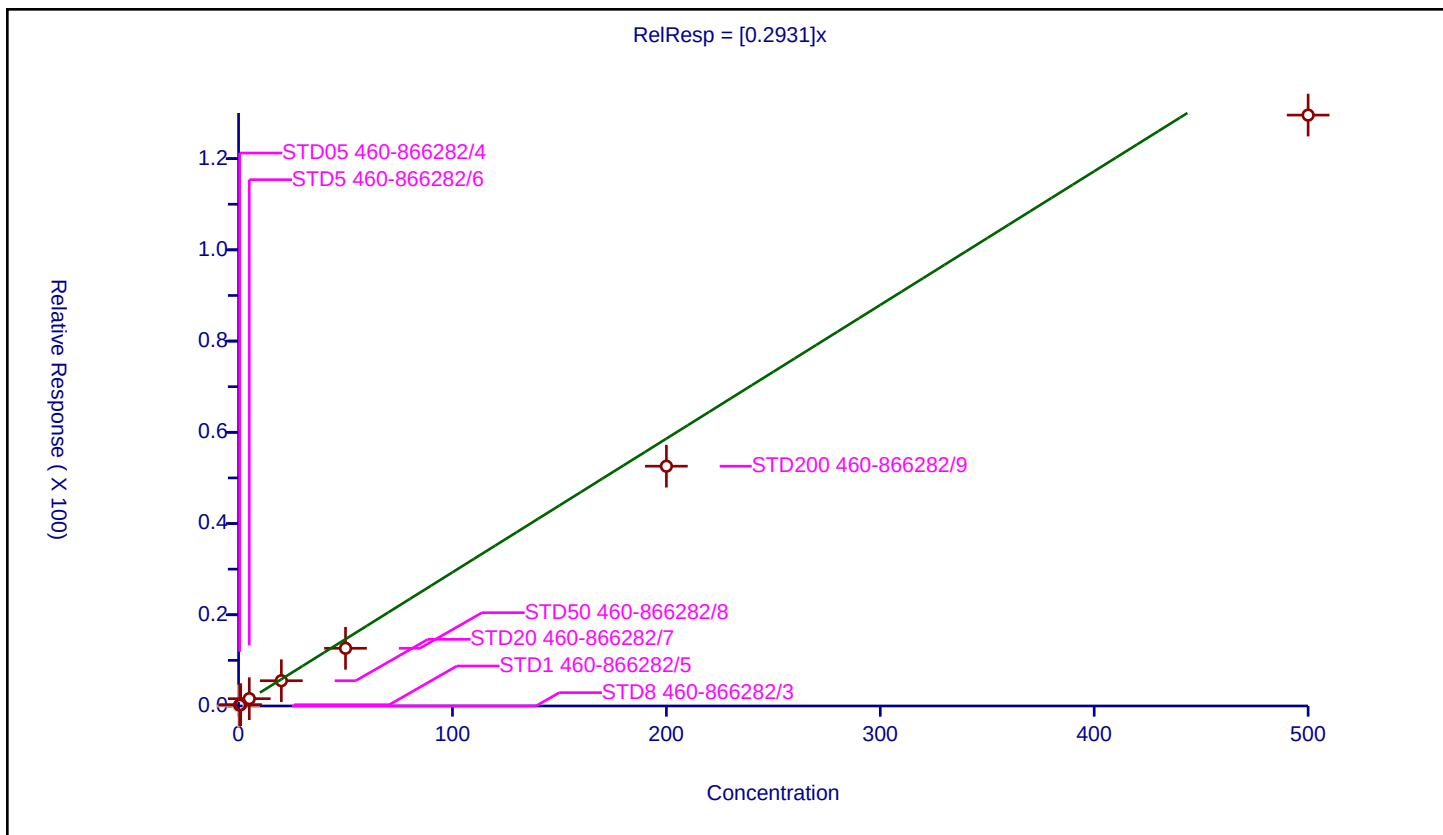
Curve Coefficients

Intercept: 0
 Slope: 0.2931

Error Coefficients

Standard Error: 831000
 Relative Standard Error: 17.0
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.957

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	50.0	907957.0	NaN	N
2	STD05 460-866282/4	0.5	0.196835	50.0	694997.0	0.393671	Y
3	STD1 460-866282/5	1.0	0.284535	50.0	713093.0	0.284535	Y
4	STD5 460-866282/6	5.0	1.606751	50.0	718904.0	0.32135	Y
5	STD20 460-866282/7	20.0	5.541709	50.0	683264.0	0.277085	Y
6	STD50 460-866282/8	50.0	12.646858	50.0	690717.0	0.252937	Y
7	STD200 460-866282/9	200.0	52.573437	50.0	705535.0	0.262867	Y
8	STD500 460-866282/10	500.0	129.541055	50.0	727909.0	0.259082	Y



Calibration

/ 2-Methyl-2-propanol

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

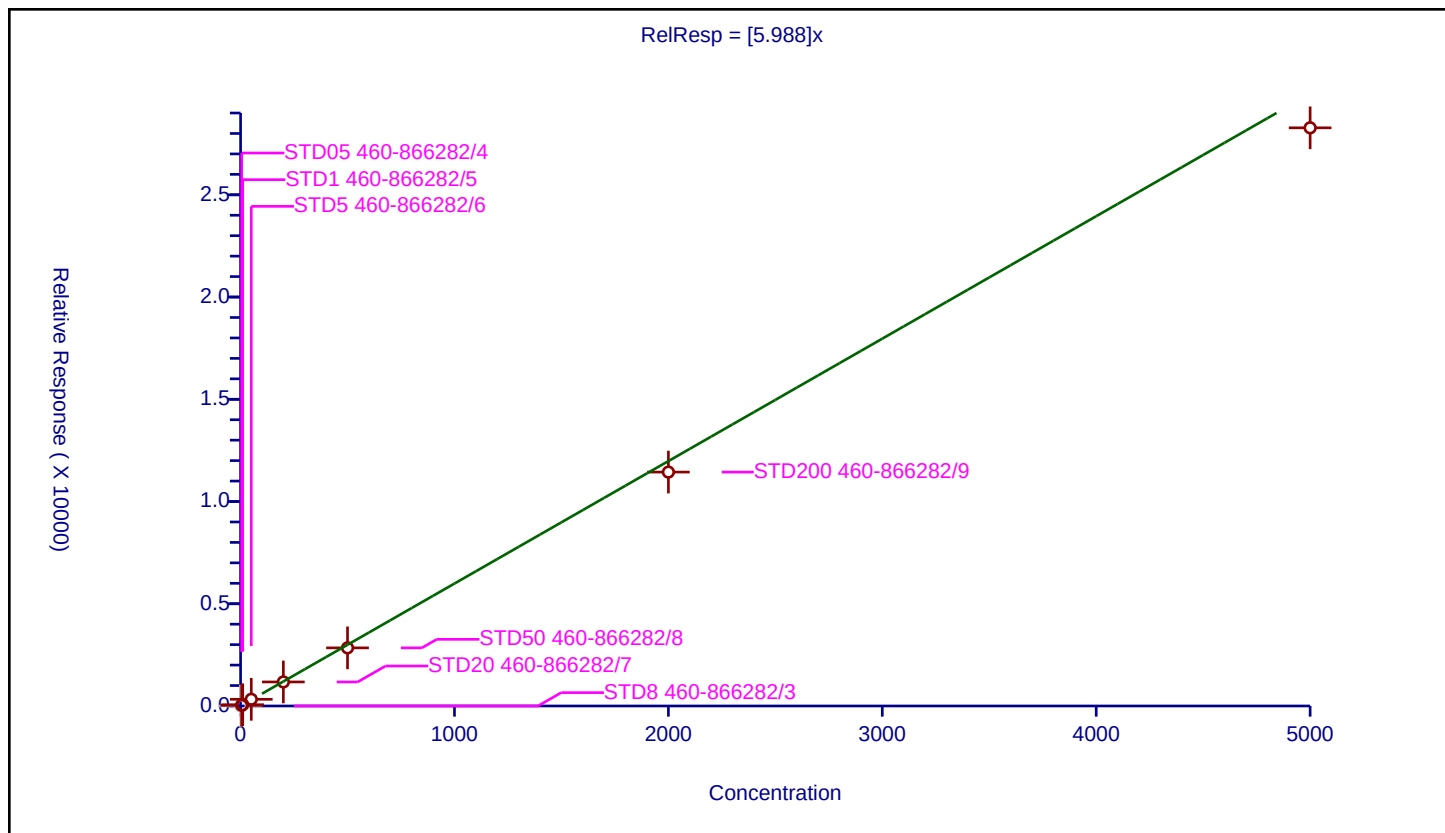
Curve Coefficients

Intercept: 0
Slope: 5.988

Error Coefficients

Standard Error: 552000
Relative Standard Error: 5.7
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	1000.0	57013.0	NaN	N
2	STD05 460-866282/4	5.0	31.19421	1000.0	41450.0	6.238842	Y
3	STD1 460-866282/5	10.0	62.099607	1000.0	48390.0	6.209961	Y
4	STD5 460-866282/6	50.0	326.661071	1000.0	46461.0	6.533221	Y
5	STD20 460-866282/7	200.0	1175.081854	1000.0	46424.0	5.875409	Y
6	STD50 460-866282/8	500.0	2842.538137	1000.0	44379.0	5.685076	Y
7	STD200 460-866282/9	2000.0	11439.03348	1000.0	48297.0	5.719517	Y
8	STD500 460-866282/10	5000.0	28275.975552	1000.0	44667.0	5.655195	Y



Calibration

/ Methyl tert-butyl ether

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

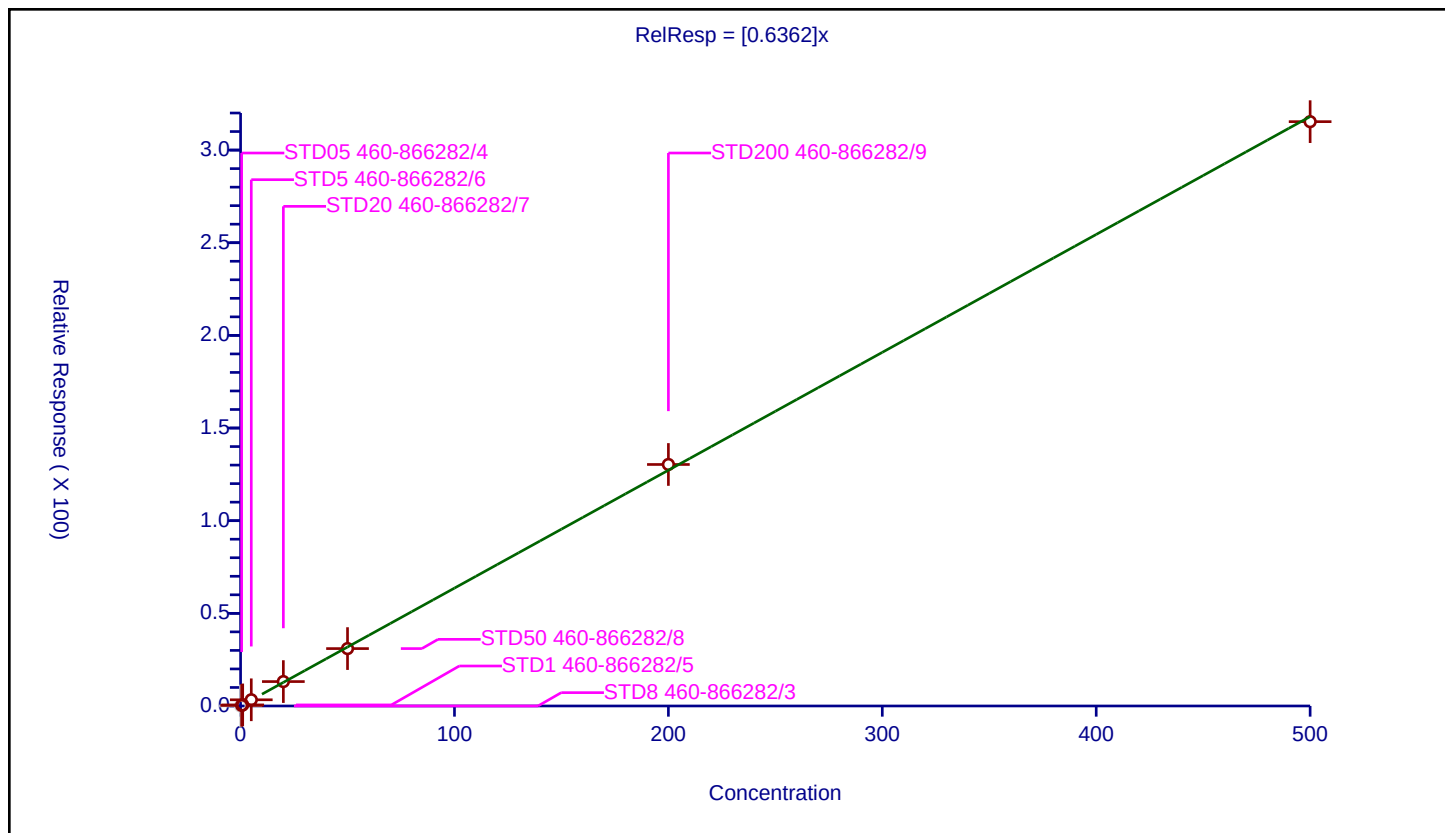
Curve Coefficients

Intercept: 0
 Slope: 0.6362

Error Coefficients

Standard Error: 2030000
 Relative Standard Error: 4.9
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	50.0	907957.0	NaN	N
2	STD05 460-866282/4	0.5	0.322304	50.0	694997.0	0.644607	Y
3	STD1 460-866282/5	1.0	0.577625	50.0	713093.0	0.577625	Y
4	STD5 460-866282/6	5.0	3.349891	50.0	718904.0	0.669978	Y
5	STD20 460-866282/7	20.0	13.18063	50.0	683264.0	0.659032	Y
6	STD50 460-866282/8	50.0	30.975132	50.0	690717.0	0.619503	Y
7	STD200 460-866282/9	200.0	130.332018	50.0	705535.0	0.65166	Y
8	STD500 460-866282/10	500.0	315.332274	50.0	727909.0	0.630665	Y



Calibration

/ trans-1,2-Dichloroethene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

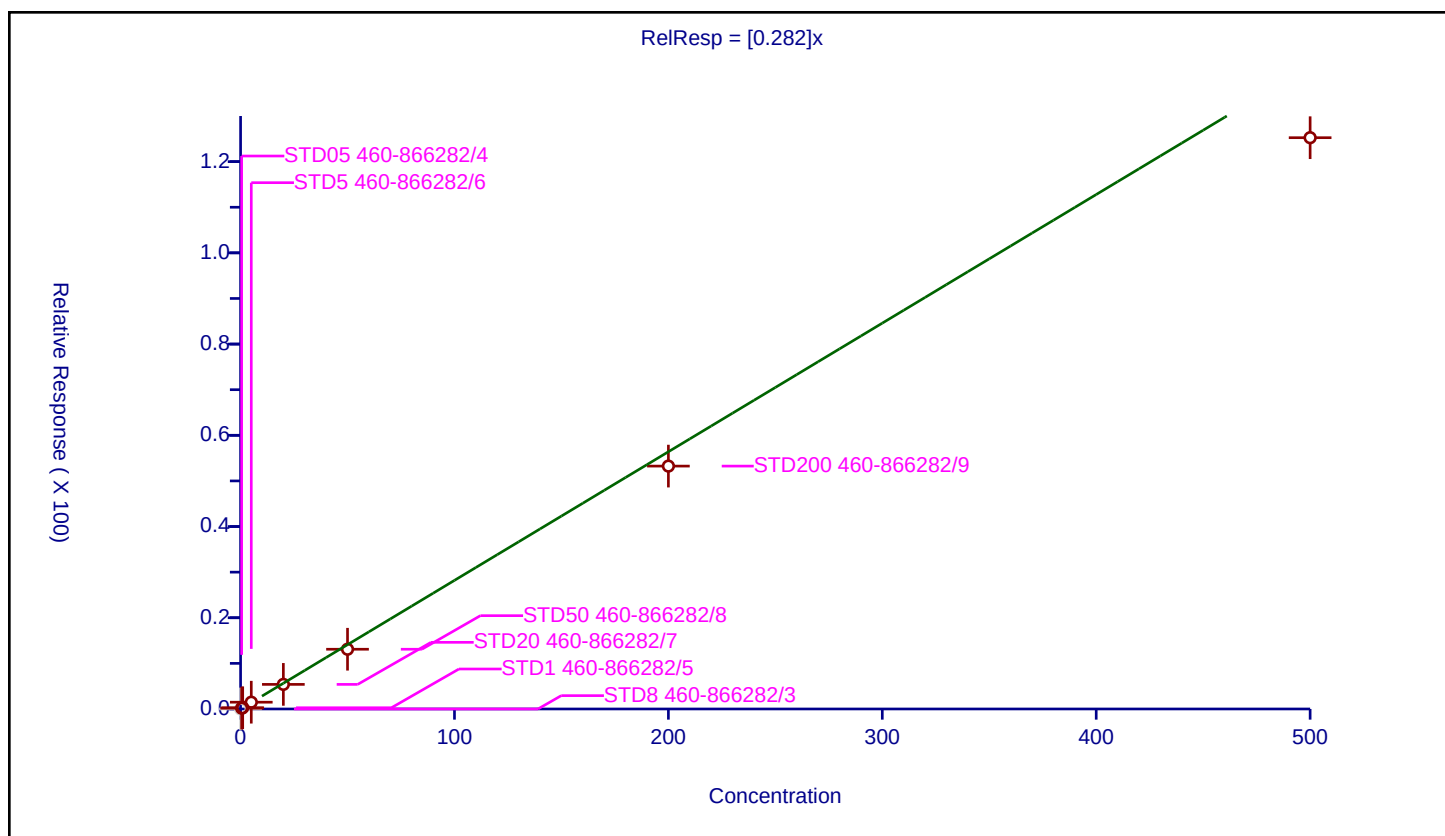
Curve Coefficients

Intercept: 0
Slope: 0.282

Error Coefficients

Standard Error: 809000
Relative Standard Error: 12.5
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.978

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	50.0	907957.0	NaN	N
2	STD05 460-866282/4	0.5	0.177411	50.0	694997.0	0.354822	Y
3	STD1 460-866282/5	1.0	0.273036	50.0	713093.0	0.273036	Y
4	STD5 460-866282/6	5.0	1.487055	50.0	718904.0	0.297411	Y
5	STD20 460-866282/7	20.0	5.39484	50.0	683264.0	0.269742	Y
6	STD50 460-866282/8	50.0	13.100734	50.0	690717.0	0.262015	Y
7	STD200 460-866282/9	200.0	53.249662	50.0	705535.0	0.266248	Y
8	STD500 460-866282/10	500.0	125.246975	50.0	727909.0	0.250494	Y



Calibration

/ Acrylonitrile

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

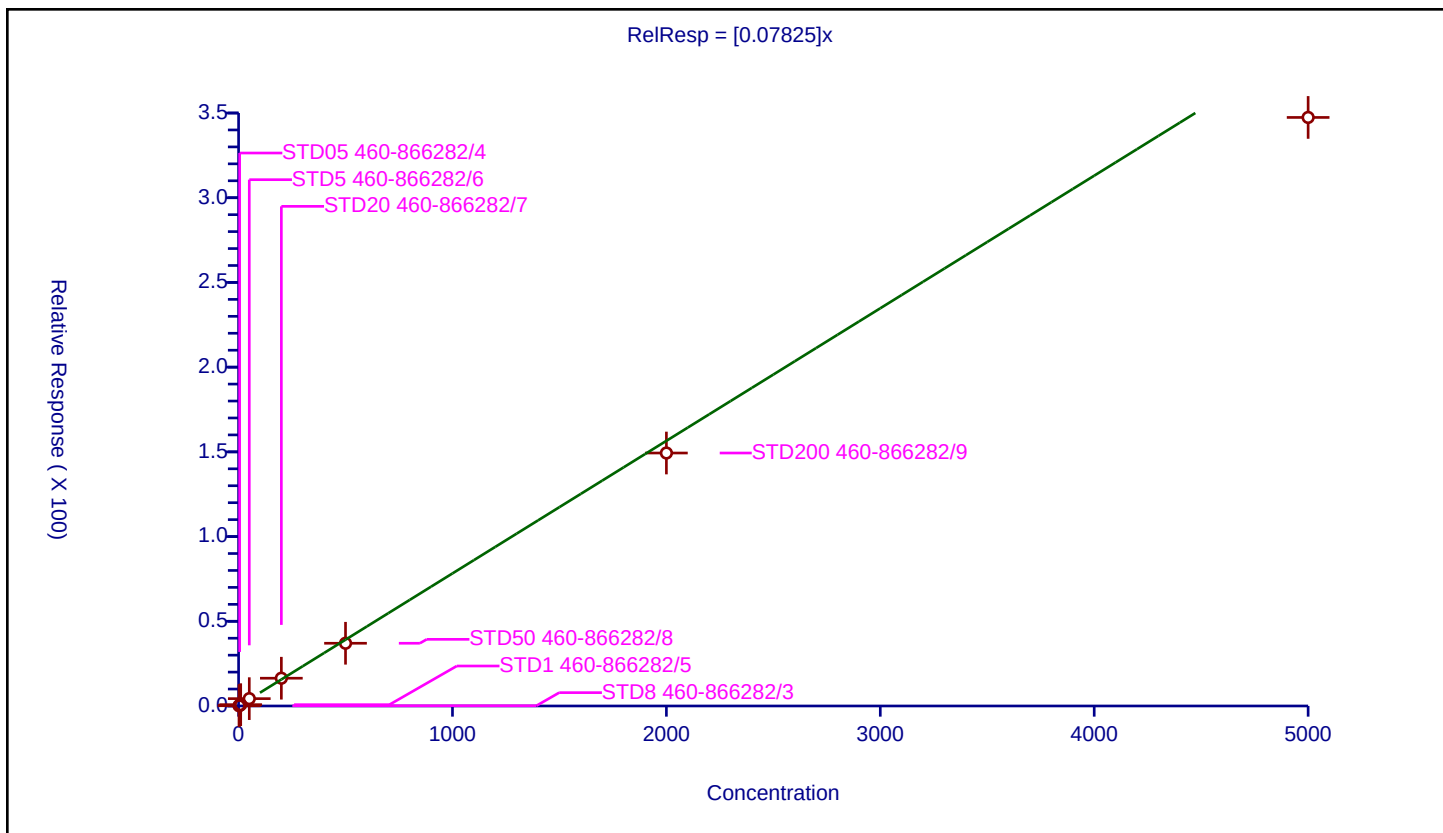
Curve Coefficients

Intercept: 0
 Slope: 0.07825

Error Coefficients

Standard Error: 2080000
 Relative Standard Error: 7.5
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	2.0	0.152871	50.0	907957.0	0.076435	Y
2	STD05 460-866282/4	5.0	0.42439	50.0	694997.0	0.084878	Y
3	STD1 460-866282/5	10.0	0.778861	50.0	713093.0	0.077886	Y
4	STD5 460-866282/6	50.0	4.332567	50.0	718904.0	0.086651	Y
5	STD20 460-866282/7	200.0	16.396298	50.0	683264.0	0.081981	Y
6	STD50 460-866282/8	500.0	37.023919	50.0	690717.0	0.074048	Y
7	STD200 460-866282/9	2000.0	149.31839	50.0	705535.0	0.074659	Y
8	STD500 460-866282/10	5000.0	347.388616	50.0	727909.0	0.069478	Y



Calibration

/ Hexane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

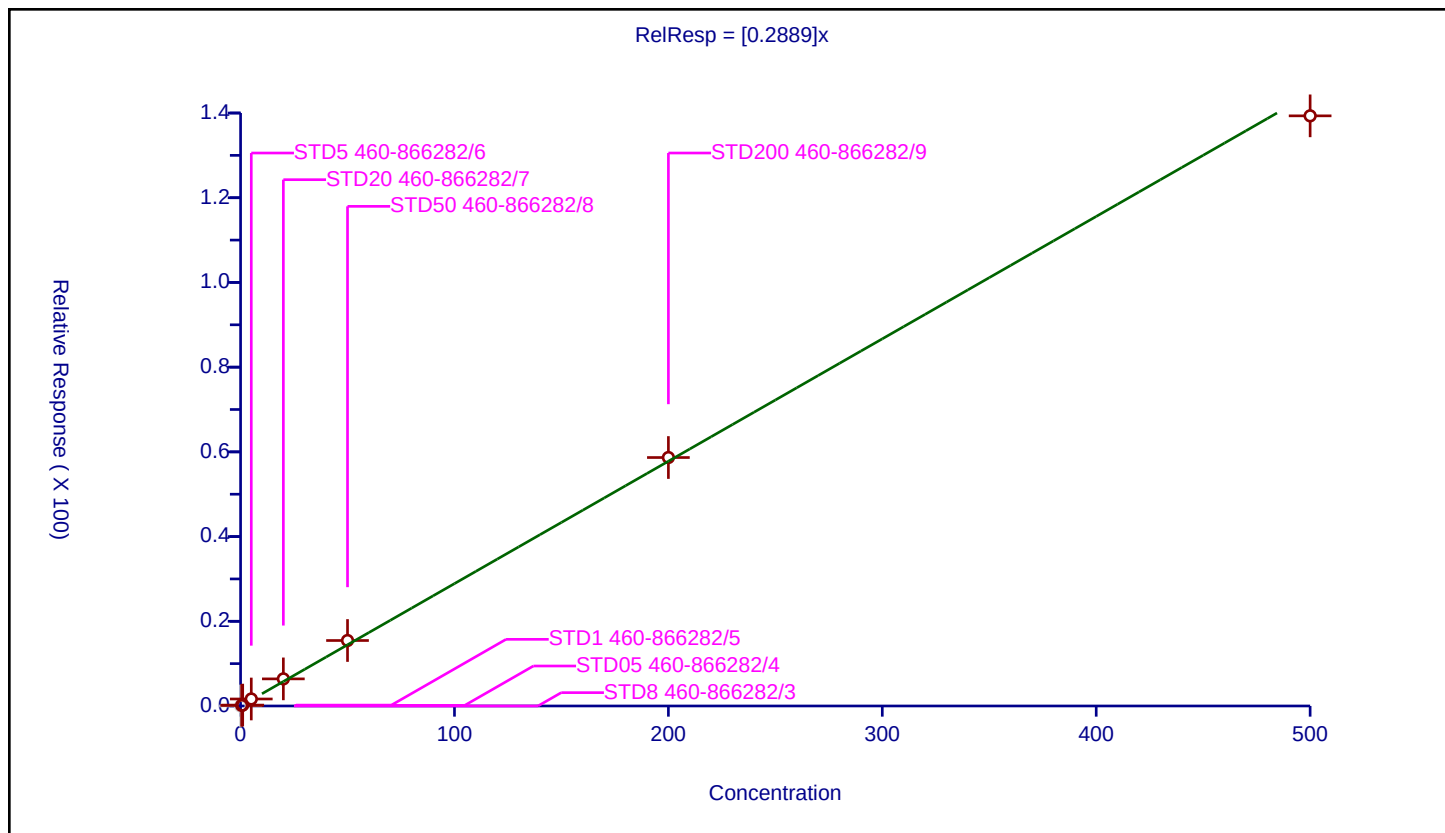
Curve Coefficients

Intercept: 0
 Slope: 0.2889

Error Coefficients

Standard Error: 899000
 Relative Standard Error: 13.8
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.979

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	50.0	907957.0	NaN	N
2	STD05 460-866282/4	0.5	0.139929	50.0	694997.0	0.279857	Y
3	STD1 460-866282/5	1.0	0.210491	50.0	713093.0	0.210491	Y
4	STD5 460-866282/6	5.0	1.655437	50.0	718904.0	0.331087	Y
5	STD20 460-866282/7	20.0	6.39943	50.0	683264.0	0.319971	Y
6	STD50 460-866282/8	50.0	15.45995	50.0	690717.0	0.309199	Y
7	STD200 460-866282/9	200.0	58.663567	50.0	705535.0	0.293318	Y
8	STD500 460-866282/10	500.0	139.332939	50.0	727909.0	0.278666	Y



Calibration

/ Isopropyl ether

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

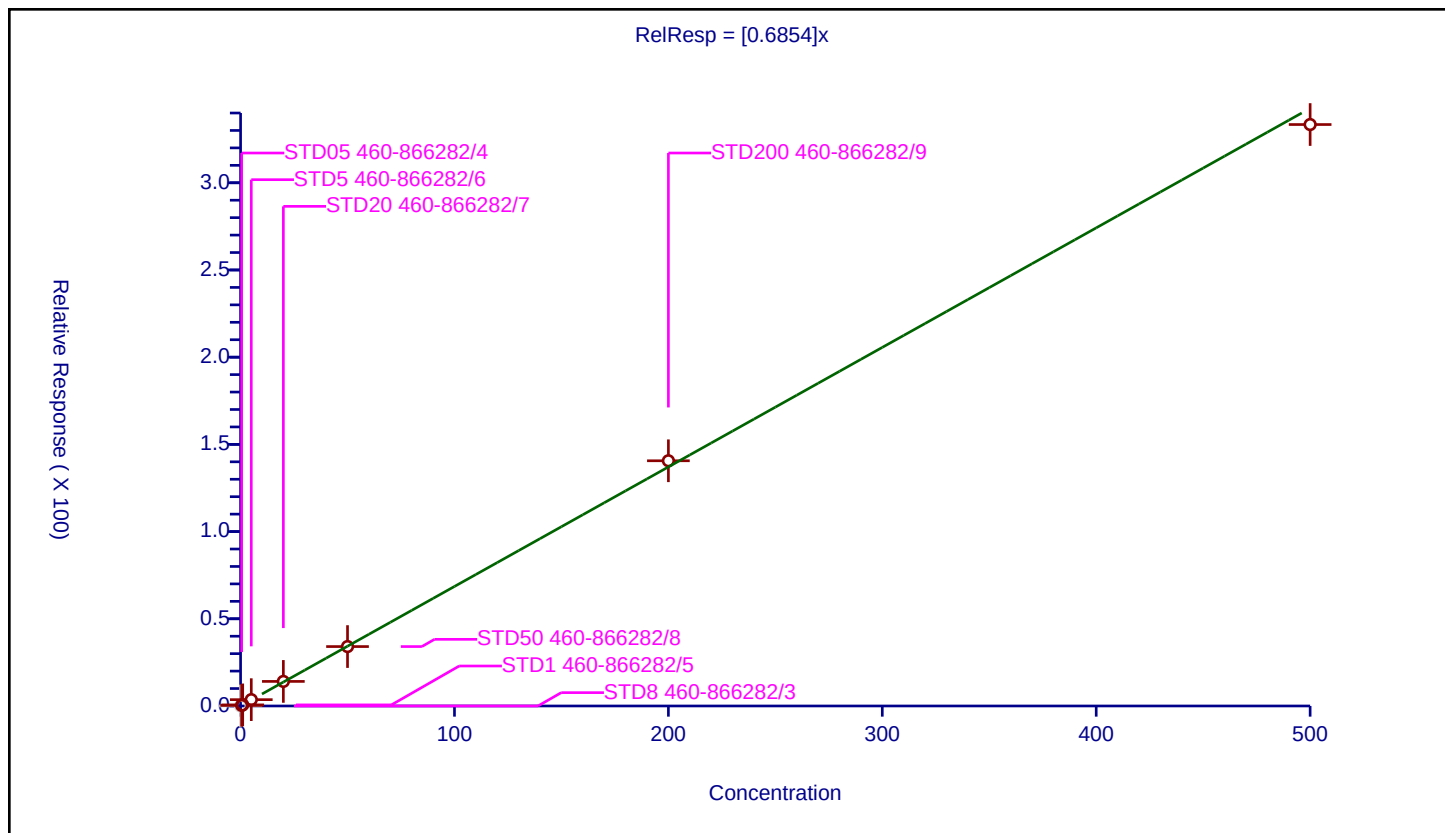
Curve Coefficients

Intercept: 0
 Slope: 0.6854

Error Coefficients

Standard Error: 2150000
 Relative Standard Error: 4.6
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	50.0	907957.0	NaN	N
2	STD05 460-866282/4	0.5	0.343455	50.0	694997.0	0.686909	Y
3	STD1 460-866282/5	1.0	0.627898	50.0	713093.0	0.627898	Y
4	STD5 460-866282/6	5.0	3.634699	50.0	718904.0	0.72694	Y
5	STD20 460-866282/7	20.0	14.089942	50.0	683264.0	0.704497	Y
6	STD50 460-866282/8	50.0	34.081035	50.0	690717.0	0.681621	Y
7	STD200 460-866282/9	200.0	140.599687	50.0	705535.0	0.702998	Y
8	STD500 460-866282/10	500.0	333.396414	50.0	727909.0	0.666793	Y



Calibration

/ 1,1-Dichloroethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

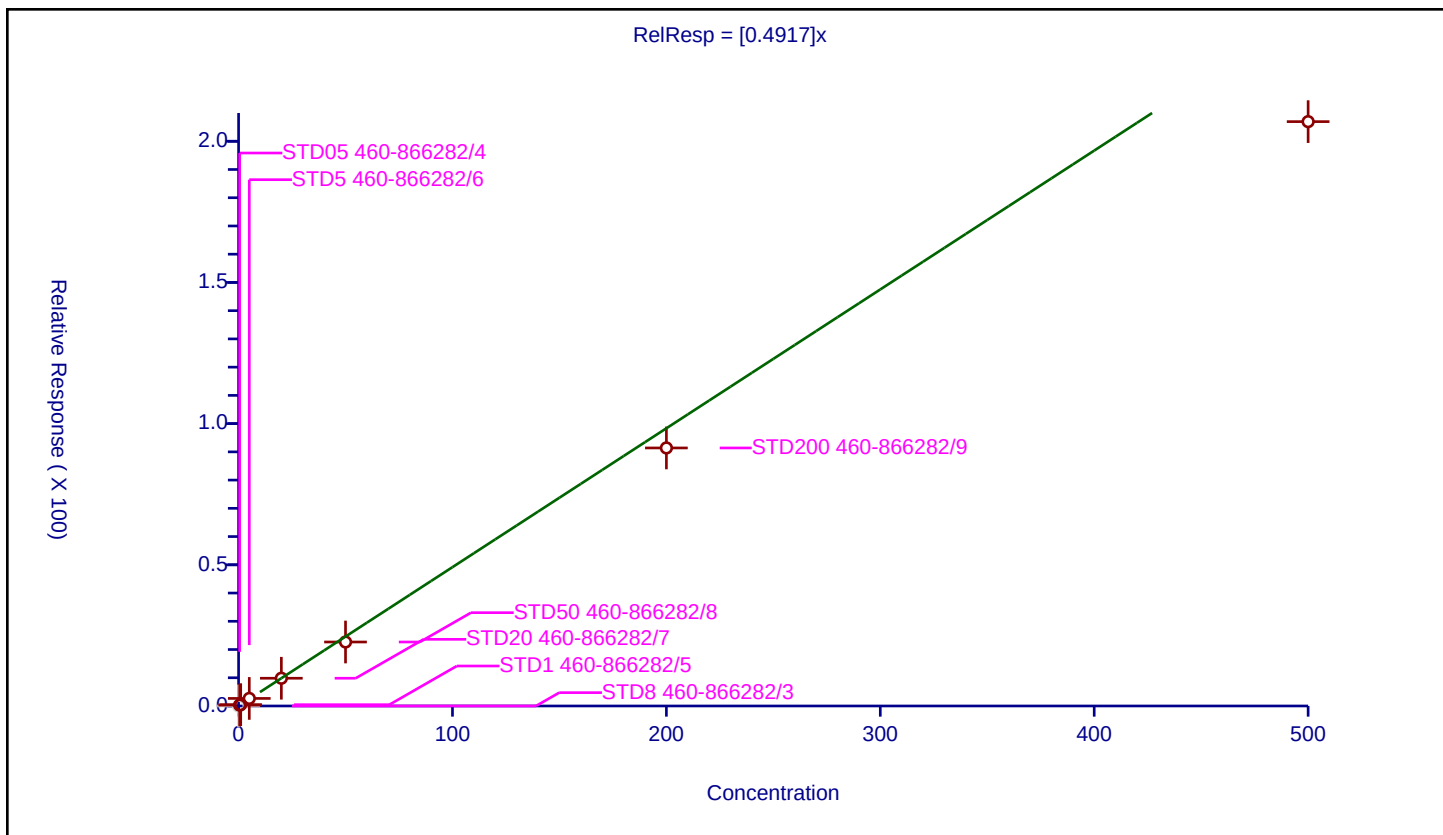
Curve Coefficients

Intercept: 0
 Slope: 0.4917

Error Coefficients

Standard Error: 1350000
 Relative Standard Error: 13.9
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.973

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	50.0	907957.0	NaN	N
2	STD05 460-866282/4	0.5	0.31108	50.0	694997.0	0.622161	Y
3	STD1 460-866282/5	1.0	0.469434	50.0	713093.0	0.469434	Y
4	STD5 460-866282/6	5.0	2.675601	50.0	718904.0	0.53512	Y
5	STD20 460-866282/7	20.0	9.825851	50.0	683264.0	0.491293	Y
6	STD50 460-866282/8	50.0	22.663913	50.0	690717.0	0.453278	Y
7	STD200 460-866282/9	200.0	91.388308	50.0	705535.0	0.456942	Y
8	STD500 460-866282/10	500.0	206.951968	50.0	727909.0	0.413904	Y



Calibration

/ Vinyl acetate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

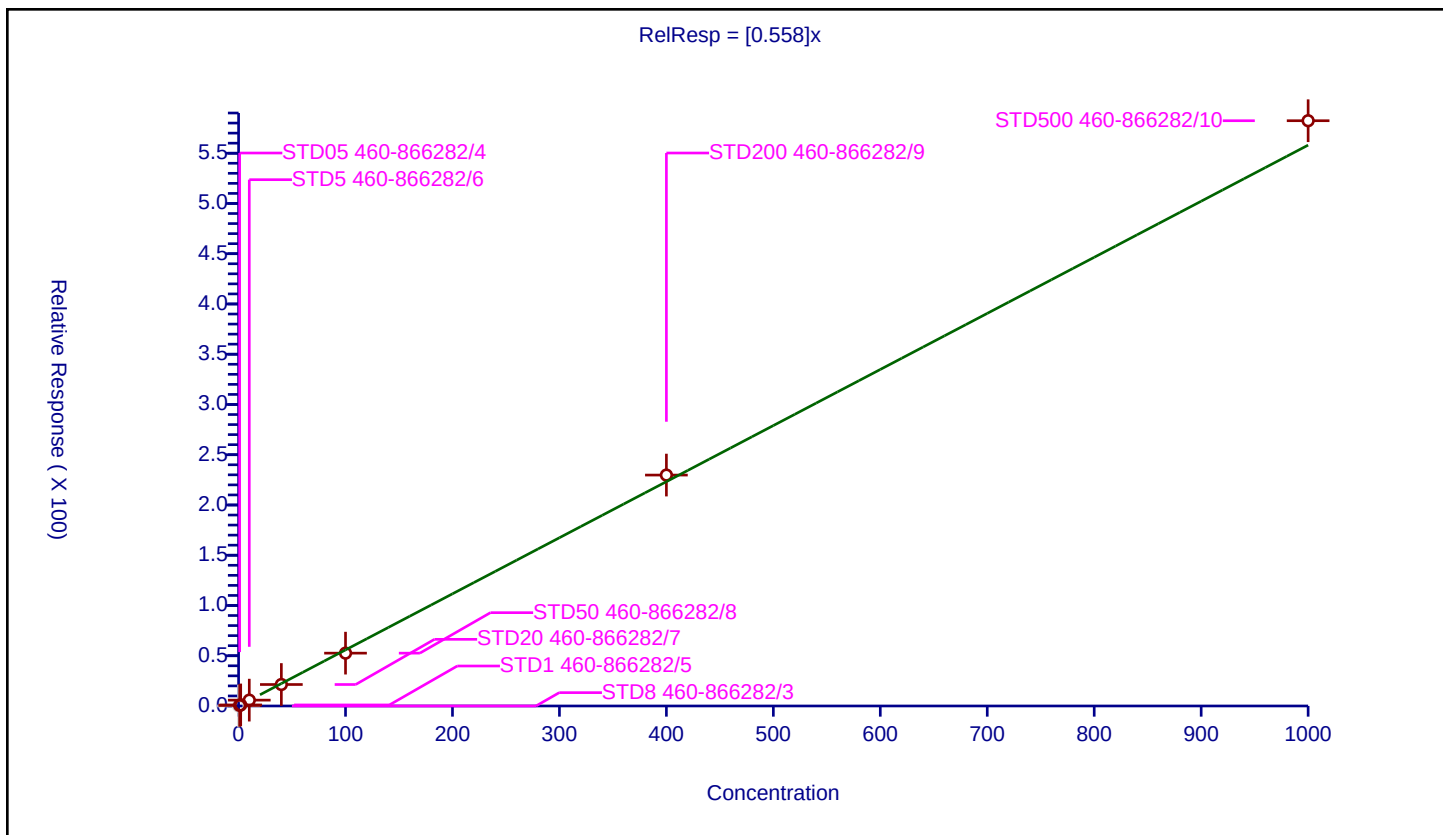
Curve Coefficients

Intercept: 0
 Slope: 0.558

Error Coefficients

Standard Error: 342000
 Relative Standard Error: 4.8
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	250.0	434232.0	NaN	N
2	STD05 460-866282/4	1.0	0.579207	250.0	325445.0	0.579207	Y
3	STD1 460-866282/5	2.0	1.056329	250.0	335833.0	0.528164	Y
4	STD5 460-866282/6	10.0	5.817462	250.0	351270.0	0.581746	Y
5	STD20 460-866282/7	40.0	21.385159	250.0	338611.0	0.534629	Y
6	STD50 460-866282/8	100.0	52.582912	250.0	333635.0	0.525829	Y
7	STD200 460-866282/9	400.0	229.76994	250.0	334391.0	0.574425	Y
8	STD500 460-866282/10	1000.0	582.321138	250.0	333022.0	0.582321	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

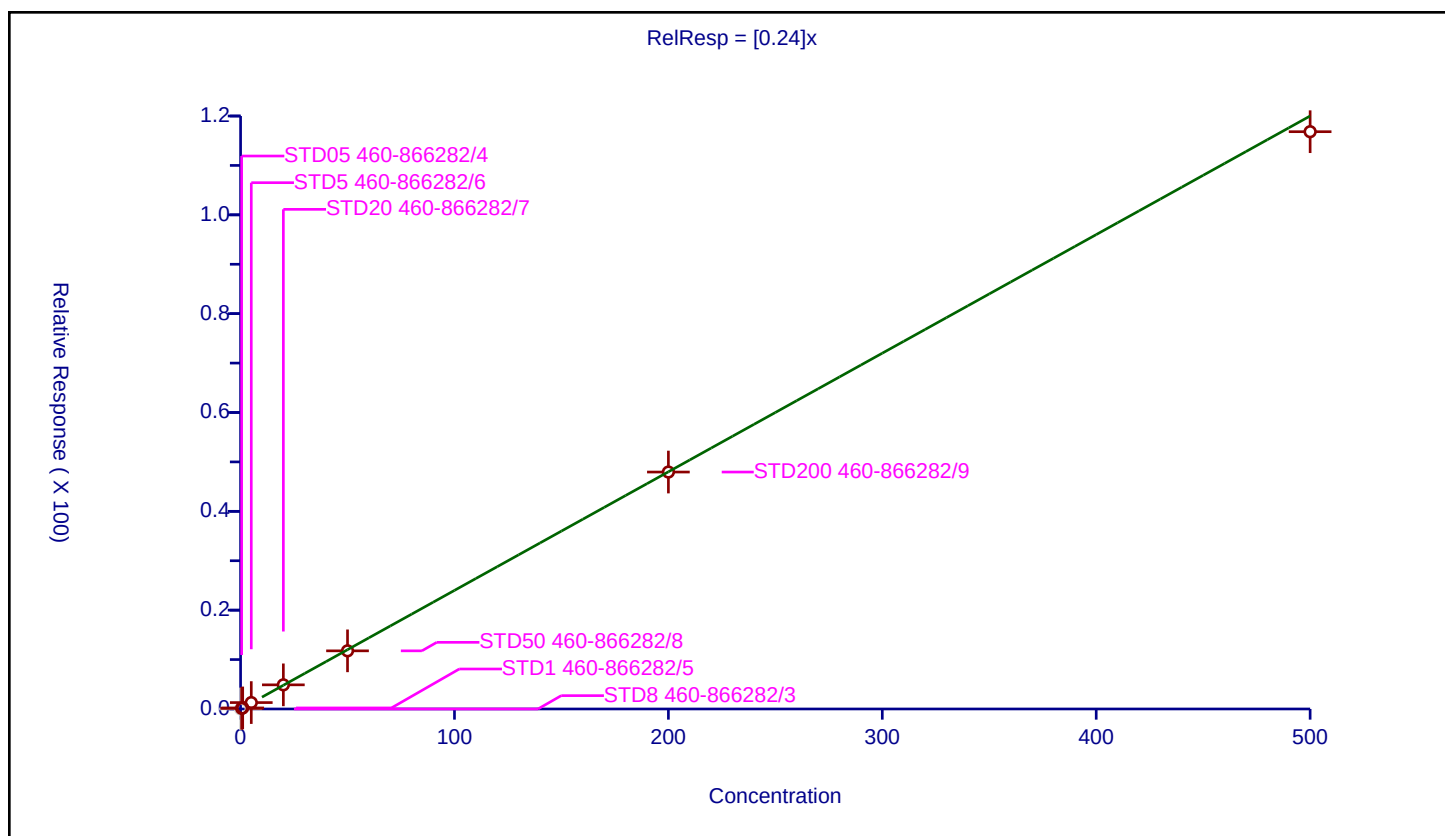
Curve Coefficients

Intercept: 0
 Slope: 0.24

Error Coefficients

Standard Error: 751000
 Relative Standard Error: 6.0
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	50.0	907957.0	NaN	N
2	STD05 460-866282/4	0.5	0.126547	50.0	694997.0	0.253095	Y
3	STD1 460-866282/5	1.0	0.214699	50.0	713093.0	0.214699	Y
4	STD5 460-866282/6	5.0	1.29607	50.0	718904.0	0.259214	Y
5	STD20 460-866282/7	20.0	4.885593	50.0	683264.0	0.24428	Y
6	STD50 460-866282/8	50.0	11.766541	50.0	690717.0	0.235331	Y
7	STD200 460-866282/9	200.0	47.948507	50.0	705535.0	0.239743	Y
8	STD500 460-866282/10	500.0	116.82834	50.0	727909.0	0.233657	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

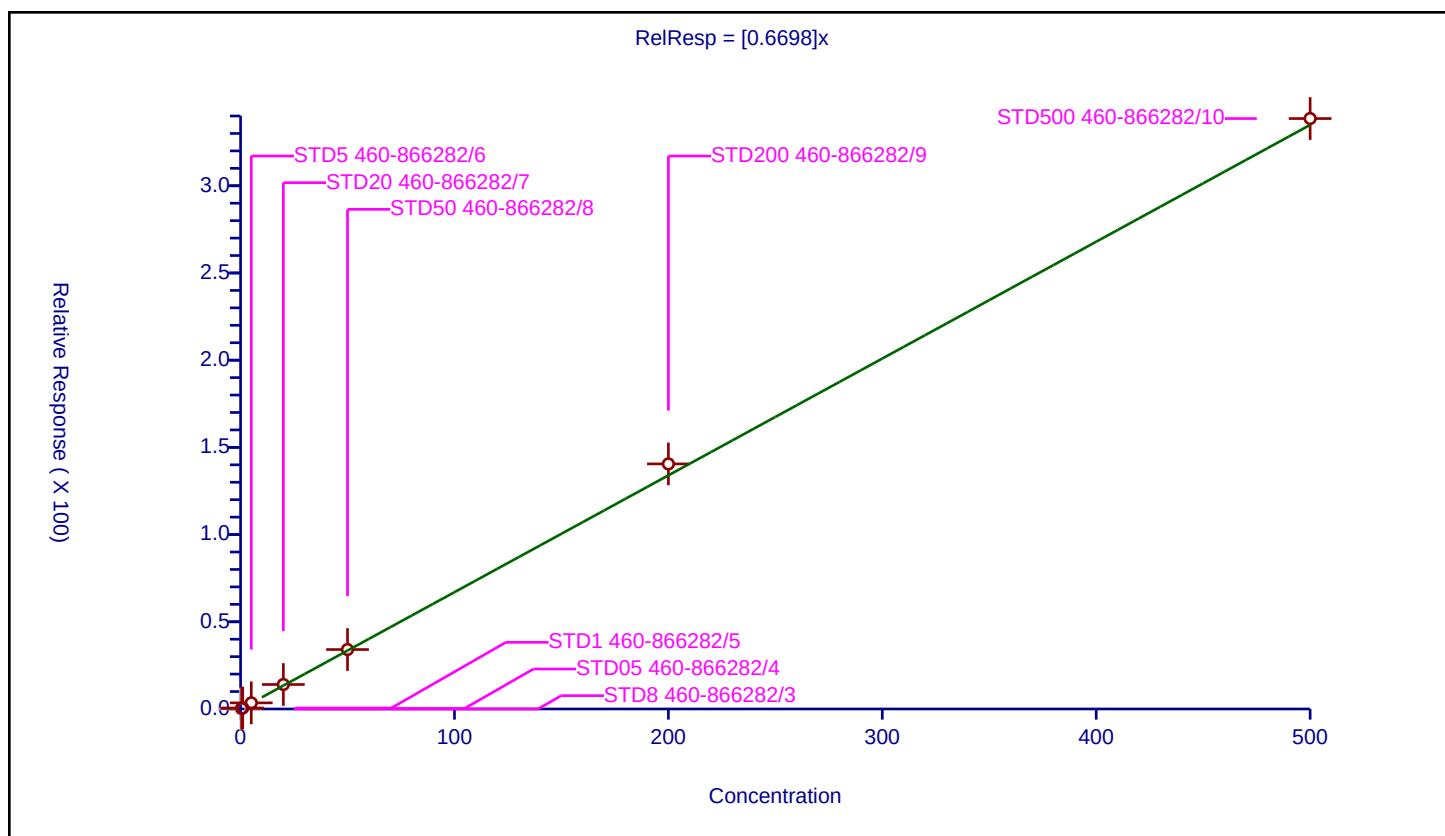
Curve Coefficients

Intercept: 0
 Slope: 0.6698

Error Coefficients

Standard Error: 2180000
 Relative Standard Error: 6.8
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	50.0	907957.0	NaN	N
2	STD05 460-866282/4	0.5	0.324102	50.0	694997.0	0.648204	Y
3	STD1 460-866282/5	1.0	0.575942	50.0	713093.0	0.575942	Y
4	STD5 460-866282/6	5.0	3.504432	50.0	718904.0	0.700886	Y
5	STD20 460-866282/7	20.0	14.041425	50.0	683264.0	0.702071	Y
6	STD50 460-866282/8	50.0	34.089504	50.0	690717.0	0.68179	Y
7	STD200 460-866282/9	200.0	140.517125	50.0	705535.0	0.702586	Y
8	STD500 460-866282/10	500.0	338.551866	50.0	727909.0	0.677104	Y



Calibration

/ 2,2-Dichloropropane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

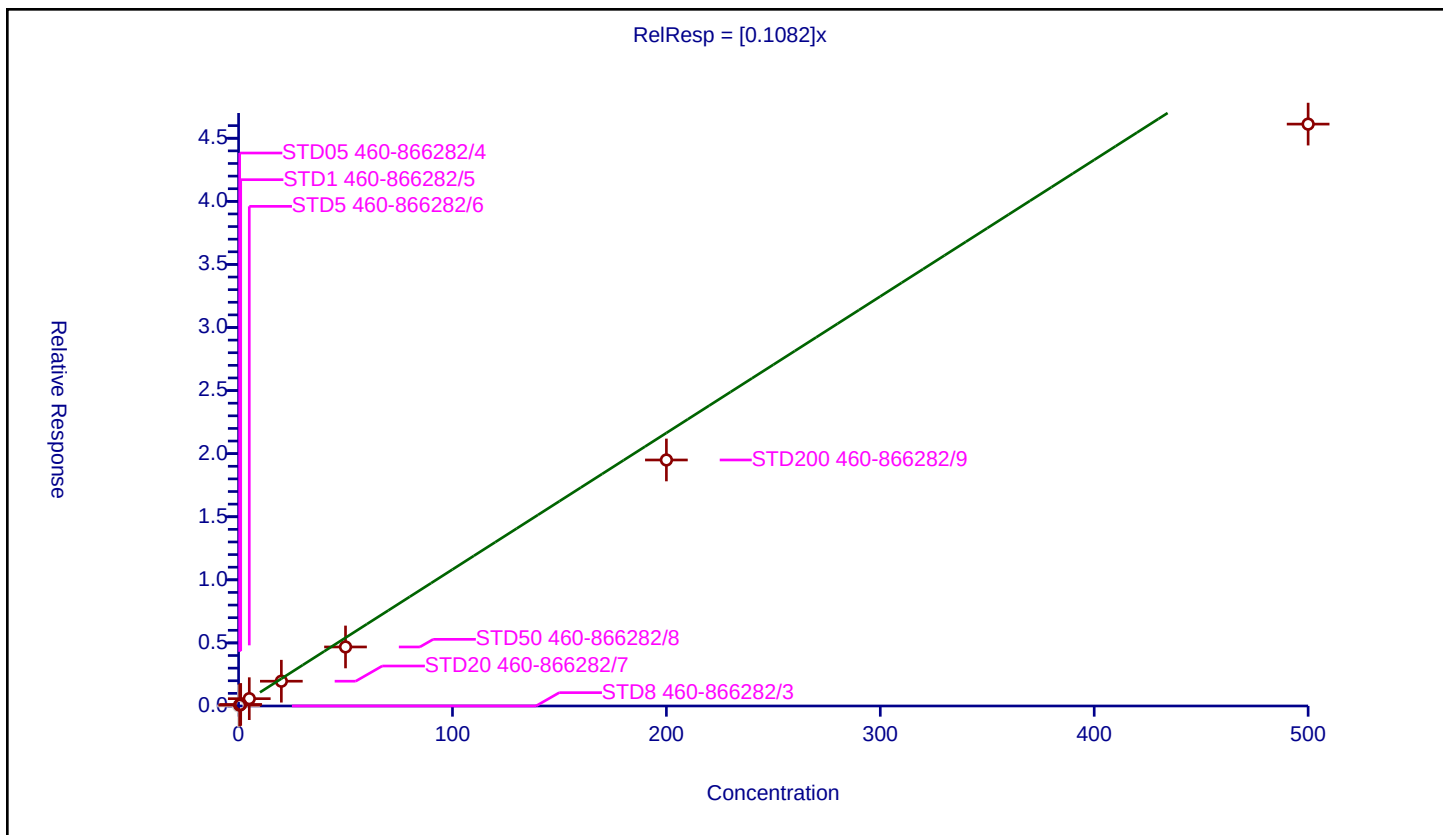
Curve Coefficients

Intercept: 0
 Slope: 0.1082

Error Coefficients

Standard Error: 298000
 Relative Standard Error: 16.1
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.962

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	50.0	907957.0	NaN	N
2	STD05 460-866282/4	0.5	0.068993	50.0	694997.0	0.137986	Y
3	STD1 460-866282/5	1.0	0.121793	50.0	713093.0	0.121793	Y
4	STD5 460-866282/6	5.0	0.580676	50.0	718904.0	0.116135	Y
5	STD20 460-866282/7	20.0	1.965346	50.0	683264.0	0.098267	Y
6	STD50 460-866282/8	50.0	4.679413	50.0	690717.0	0.093588	Y
7	STD200 460-866282/9	200.0	19.499033	50.0	705535.0	0.097495	Y
8	STD500 460-866282/10	500.0	46.120325	50.0	727909.0	0.092241	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

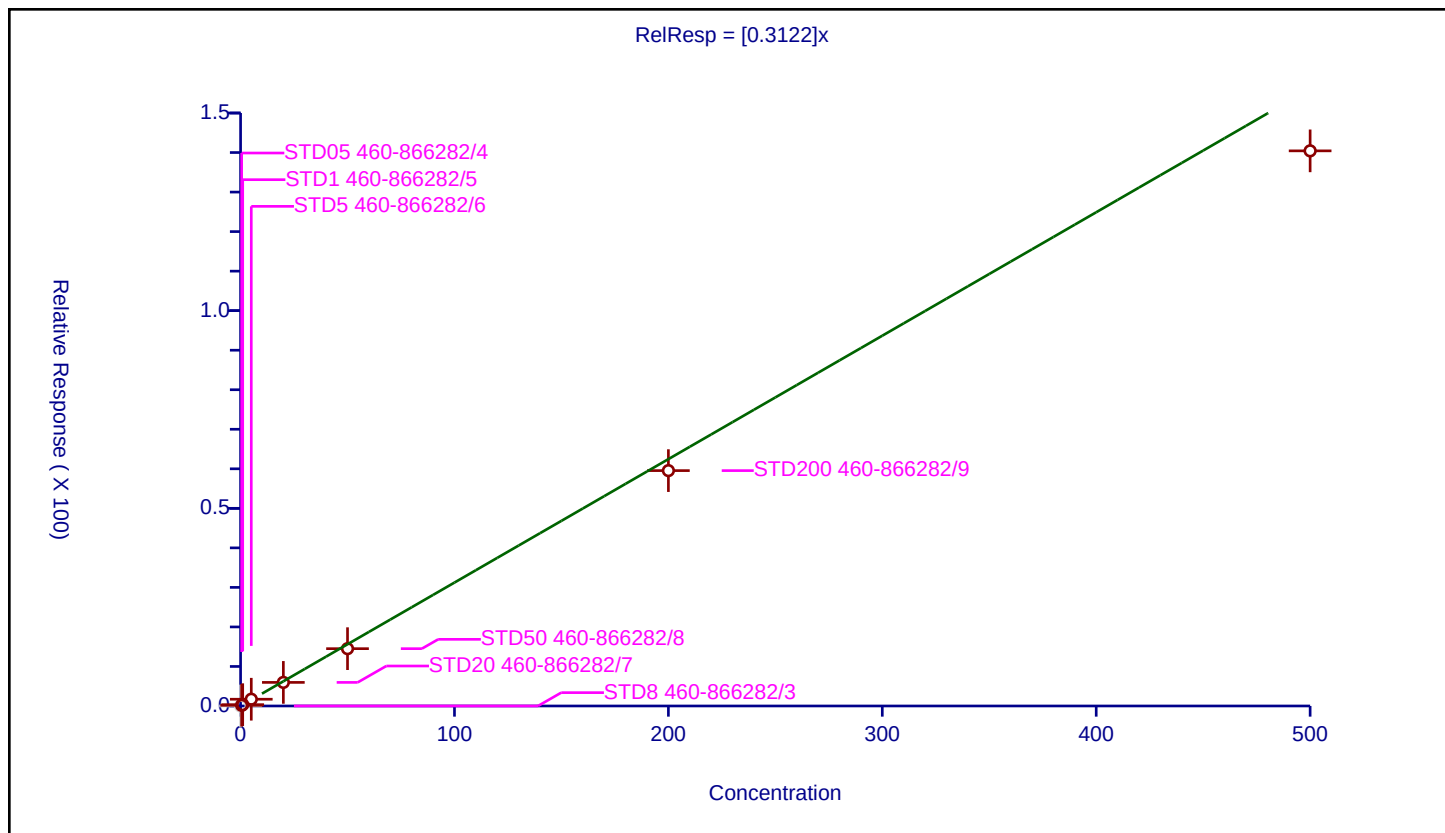
Curve Coefficients

Intercept: 0
Slope: 0.3122

Error Coefficients

Standard Error: 907000
Relative Standard Error: 8.4
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	50.0	907957.0	NaN	N
2	STD05 460-866282/4	0.5	0.170936	50.0	694997.0	0.341872	Y
3	STD1 460-866282/5	1.0	0.334739	50.0	713093.0	0.334739	Y
4	STD5 460-866282/6	5.0	1.711216	50.0	718904.0	0.342243	Y
5	STD20 460-866282/7	20.0	5.964312	50.0	683264.0	0.298216	Y
6	STD50 460-866282/8	50.0	14.49986	50.0	690717.0	0.289997	Y
7	STD200 460-866282/9	200.0	59.538081	50.0	705535.0	0.29769	Y
8	STD500 460-866282/10	500.0	140.429161	50.0	727909.0	0.280858	Y



Calibration

/ 2-Butanone (MEK)

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

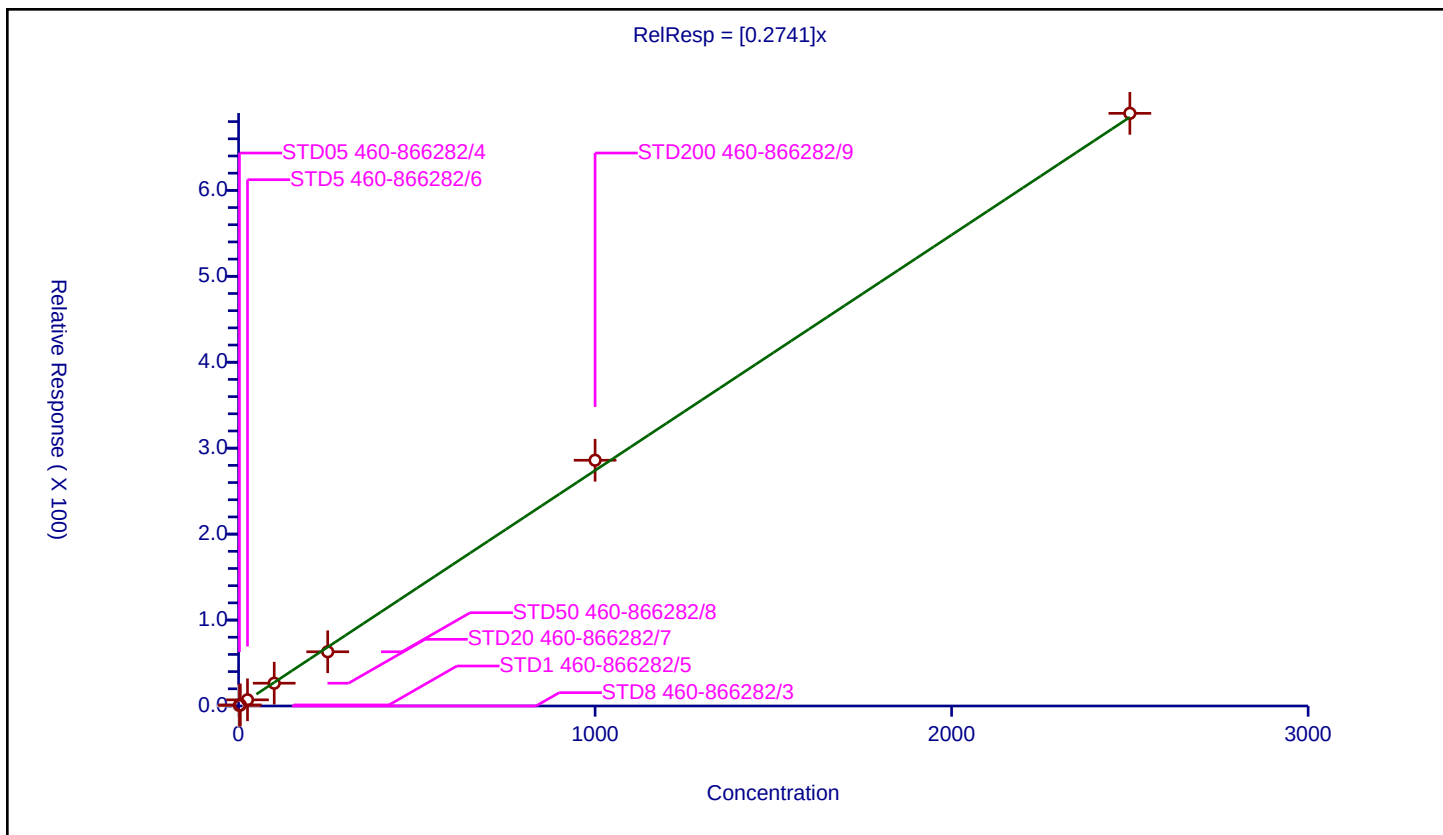
Curve Coefficients

Intercept: 0
 Slope: 0.2741

Error Coefficients

Standard Error: 408000
 Relative Standard Error: 7.1
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	250.0	434232.0	NaN	N
2	STD05 460-866282/4	2.5	0.755888	250.0	325445.0	0.302355	Y
3	STD1 460-866282/5	5.0	1.249133	250.0	335833.0	0.249827	Y
4	STD5 460-866282/6	25.0	7.173969	250.0	351270.0	0.286959	Y
5	STD20 460-866282/7	100.0	26.510509	250.0	338611.0	0.265105	Y
6	STD50 460-866282/8	250.0	63.106389	250.0	333635.0	0.252426	Y
7	STD200 460-866282/9	1000.0	285.952672	250.0	334391.0	0.285953	Y
8	STD500 460-866282/10	2500.0	689.63612	250.0	333022.0	0.275854	Y



Calibration

/ Ethyl acetate

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

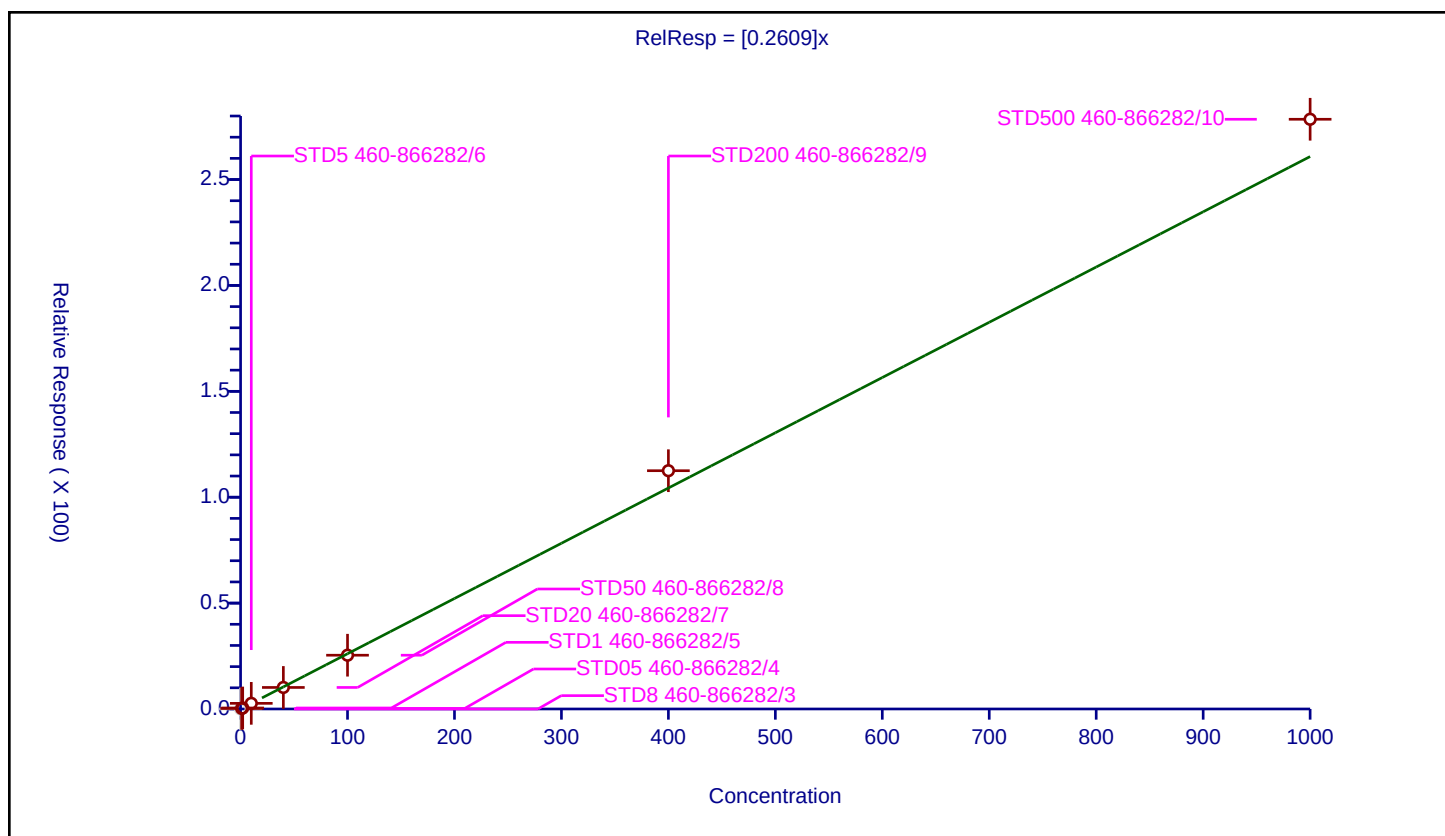
Curve Coefficients

Intercept: 0
Slope: 0.2609

Error Coefficients

Standard Error: 164000
Relative Standard Error: 6.2
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	250.0	434232.0	NaN	N
2	STD05 460-866282/4	1.0	0.25734	250.0	325445.0	0.25734	Y
3	STD1 460-866282/5	2.0	0.468239	250.0	335833.0	0.234119	Y
4	STD5 460-866282/6	10.0	2.668887	250.0	351270.0	0.266889	Y
5	STD20 460-866282/7	40.0	10.162103	250.0	338611.0	0.254053	Y
6	STD50 460-866282/8	100.0	25.385526	250.0	333635.0	0.253855	Y
7	STD200 460-866282/9	400.0	112.512747	250.0	334391.0	0.281282	Y
8	STD500 460-866282/10	1000.0	278.467338	250.0	333022.0	0.278467	Y



Calibration

/ Methyl acrylate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

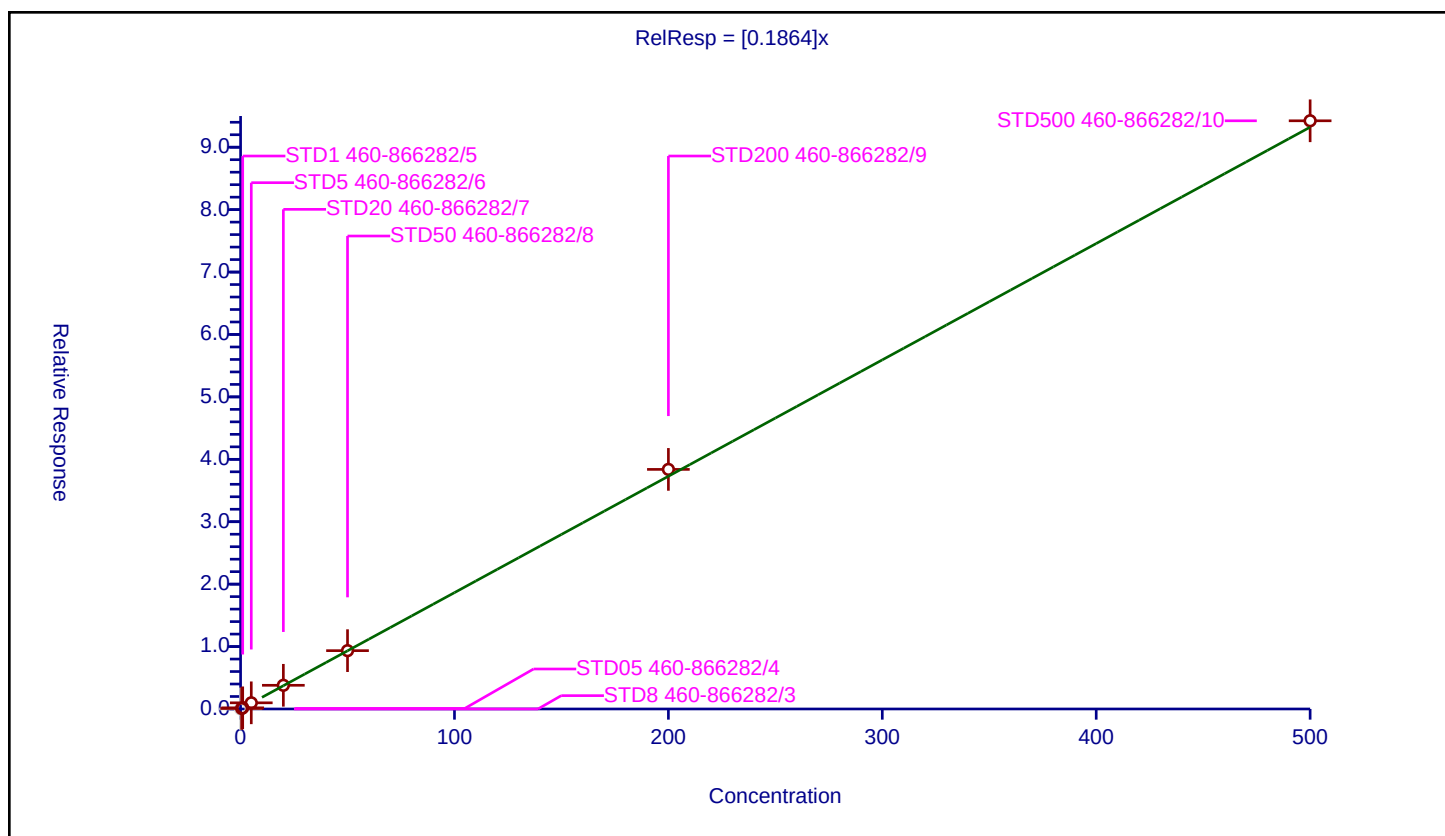
Curve Coefficients

Intercept: 0
 Slope: 0.1864

Error Coefficients

Standard Error: 605000
 Relative Standard Error: 5.8
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	50.0	907957.0	NaN	N
2	STD05 460-866282/4	0.5	0.081655	50.0	694997.0	0.16331	Y
3	STD1 460-866282/5	1.0	0.187213	50.0	713093.0	0.187213	Y
4	STD5 460-866282/6	5.0	0.987336	50.0	718904.0	0.197467	Y
5	STD20 460-866282/7	20.0	3.794434	50.0	683264.0	0.189722	Y
6	STD50 460-866282/8	50.0	9.344493	50.0	690717.0	0.18689	Y
7	STD200 460-866282/9	200.0	38.386118	50.0	705535.0	0.191931	Y
8	STD500 460-866282/10	500.0	94.23726	50.0	727909.0	0.188475	Y



Calibration

/ Propionitrile

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

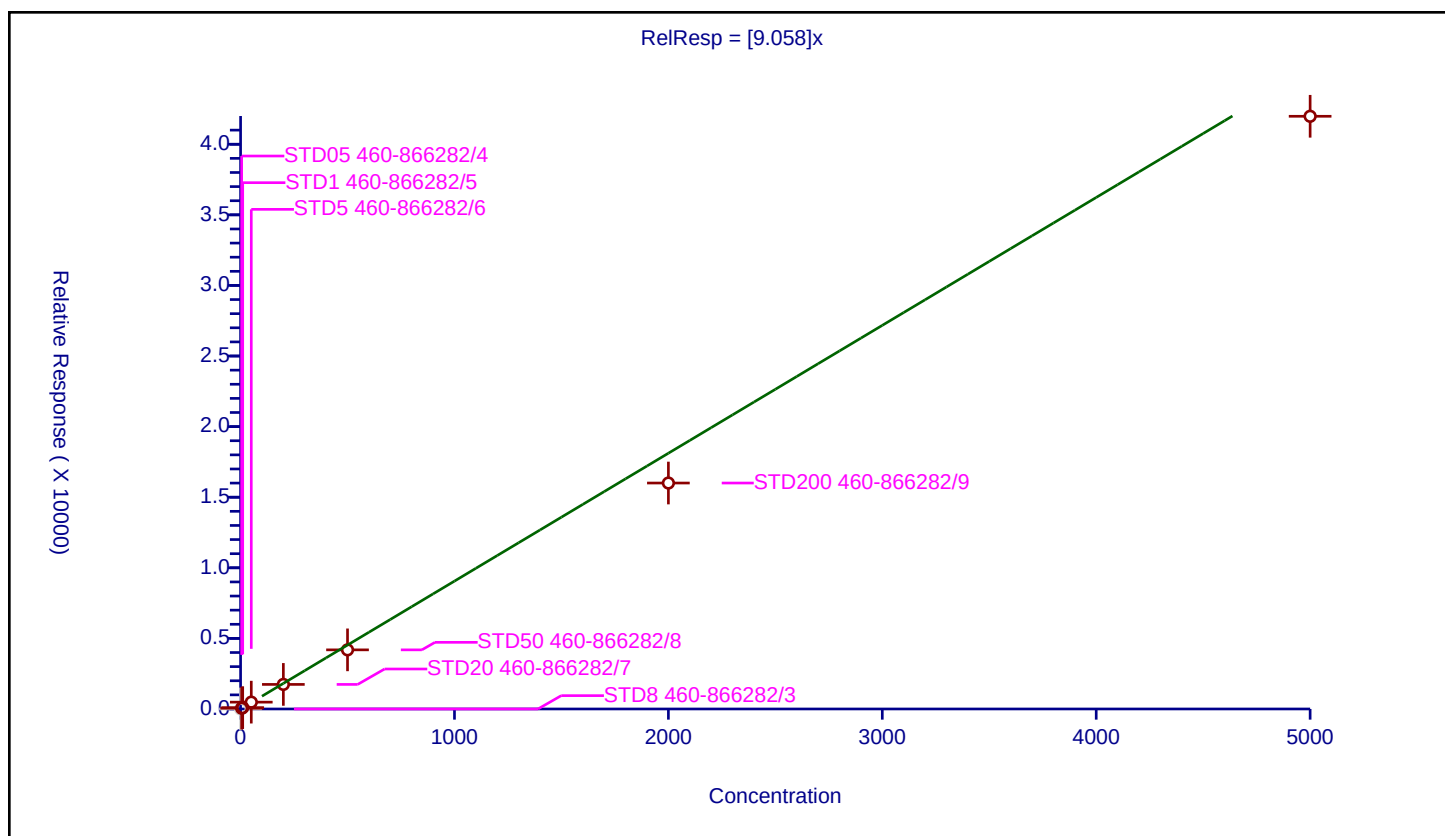
Curve Coefficients

Intercept: 0
Slope: 9.058

Error Coefficients

Standard Error: 812000
Relative Standard Error: 10.7
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	1000.0	57013.0	NaN	N
2	STD05 460-866282/4	5.0	53.775633	1000.0	41450.0	10.755127	Y
3	STD1 460-866282/5	10.0	94.771647	1000.0	48390.0	9.477165	Y
4	STD5 460-866282/6	50.0	484.4278	1000.0	46461.0	9.688556	Y
5	STD20 460-866282/7	200.0	1741.362226	1000.0	46424.0	8.706811	Y
6	STD50 460-866282/8	500.0	4189.301246	1000.0	44379.0	8.378602	Y
7	STD200 460-866282/9	2000.0	16003.913287	1000.0	48297.0	8.001957	Y
8	STD500 460-866282/10	5000.0	41981.597152	1000.0	44667.0	8.396319	Y



Calibration

/ Chlorobromomethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

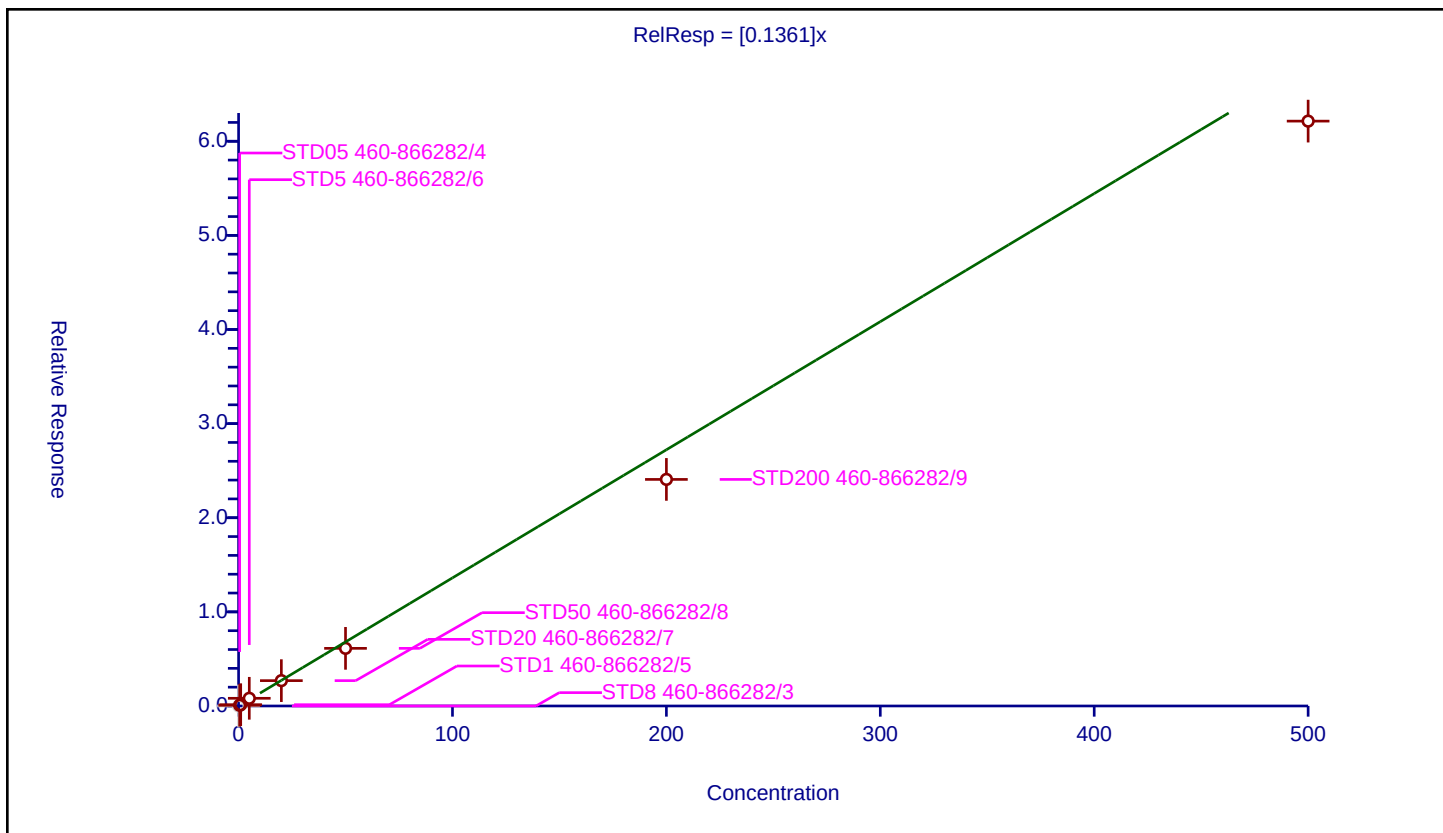
Curve Coefficients

Intercept: 0
 Slope: 0.1361

Error Coefficients

Standard Error: 396000
 Relative Standard Error: 11.8
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	50.0	907957.0	NaN	N
2	STD05 460-866282/4	0.5	0.075828	50.0	694997.0	0.151655	Y
3	STD1 460-866282/5	1.0	0.136097	50.0	713093.0	0.136097	Y
4	STD5 460-866282/6	5.0	0.816173	50.0	718904.0	0.163235	Y
5	STD20 460-866282/7	20.0	2.693029	50.0	683264.0	0.134651	Y
6	STD50 460-866282/8	50.0	6.123999	50.0	690717.0	0.12248	Y
7	STD200 460-866282/9	200.0	24.072583	50.0	705535.0	0.120363	Y
8	STD500 460-866282/10	500.0	62.138056	50.0	727909.0	0.124276	Y



Calibration

/ Tetrahydrofuran

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

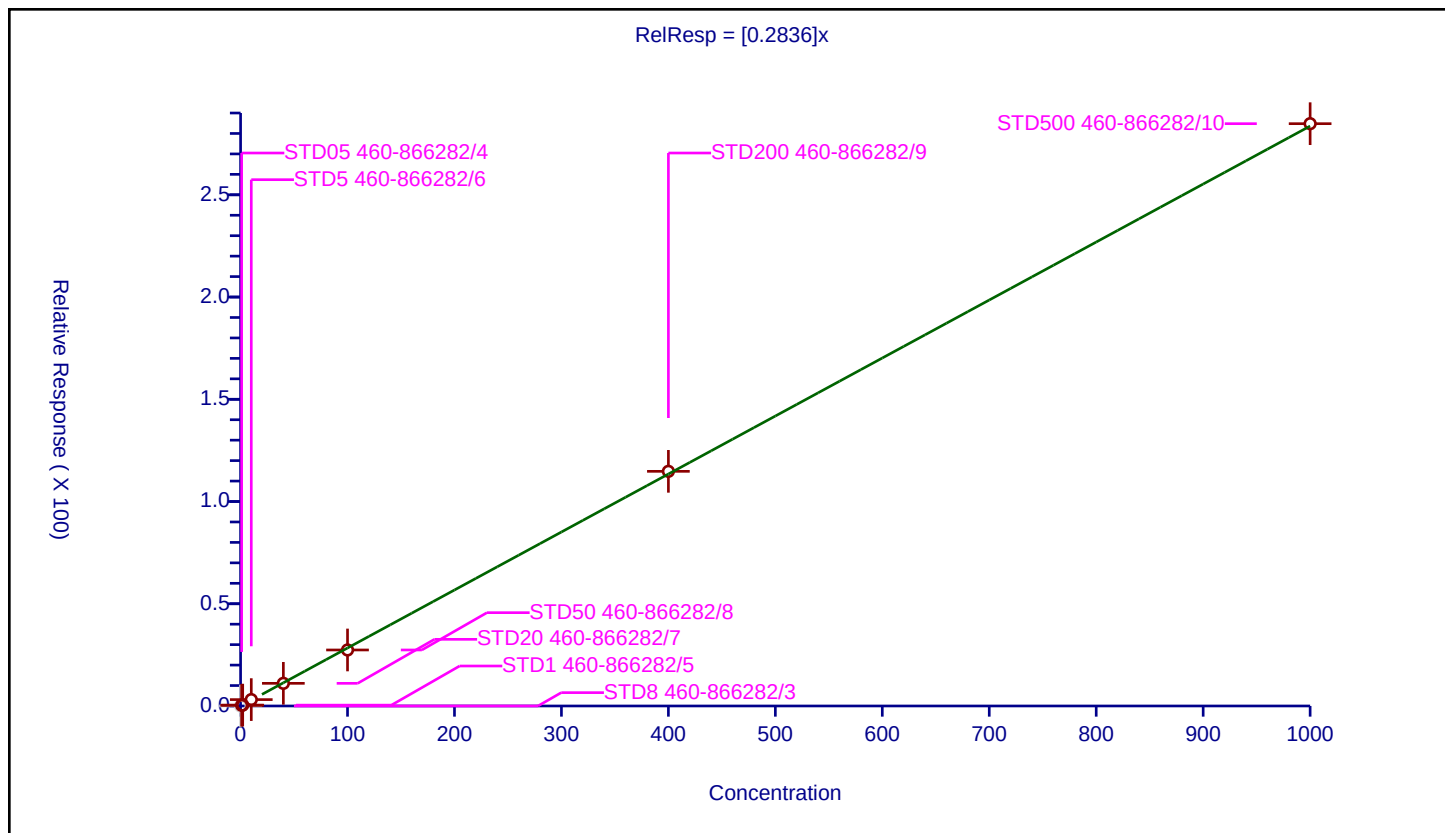
Curve Coefficients

Intercept: 0
 Slope: 0.2836

Error Coefficients

Standard Error: 168000
 Relative Standard Error: 13.9
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.976

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	250.0	434232.0	NaN	N
2	STD05 460-866282/4	1.0	0.339535	250.0	325445.0	0.339535	Y
3	STD1 460-866282/5	2.0	0.422829	250.0	335833.0	0.211415	Y
4	STD5 460-866282/6	10.0	3.118684	250.0	351270.0	0.311868	Y
5	STD20 460-866282/7	40.0	11.077608	250.0	338611.0	0.27694	Y
6	STD50 460-866282/8	100.0	27.387714	250.0	333635.0	0.273877	Y
7	STD200 460-866282/9	400.0	114.763854	250.0	334391.0	0.28691	Y
8	STD500 460-866282/10	1000.0	284.782237	250.0	333022.0	0.284782	Y



Calibration

/ Methacrylonitrile

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

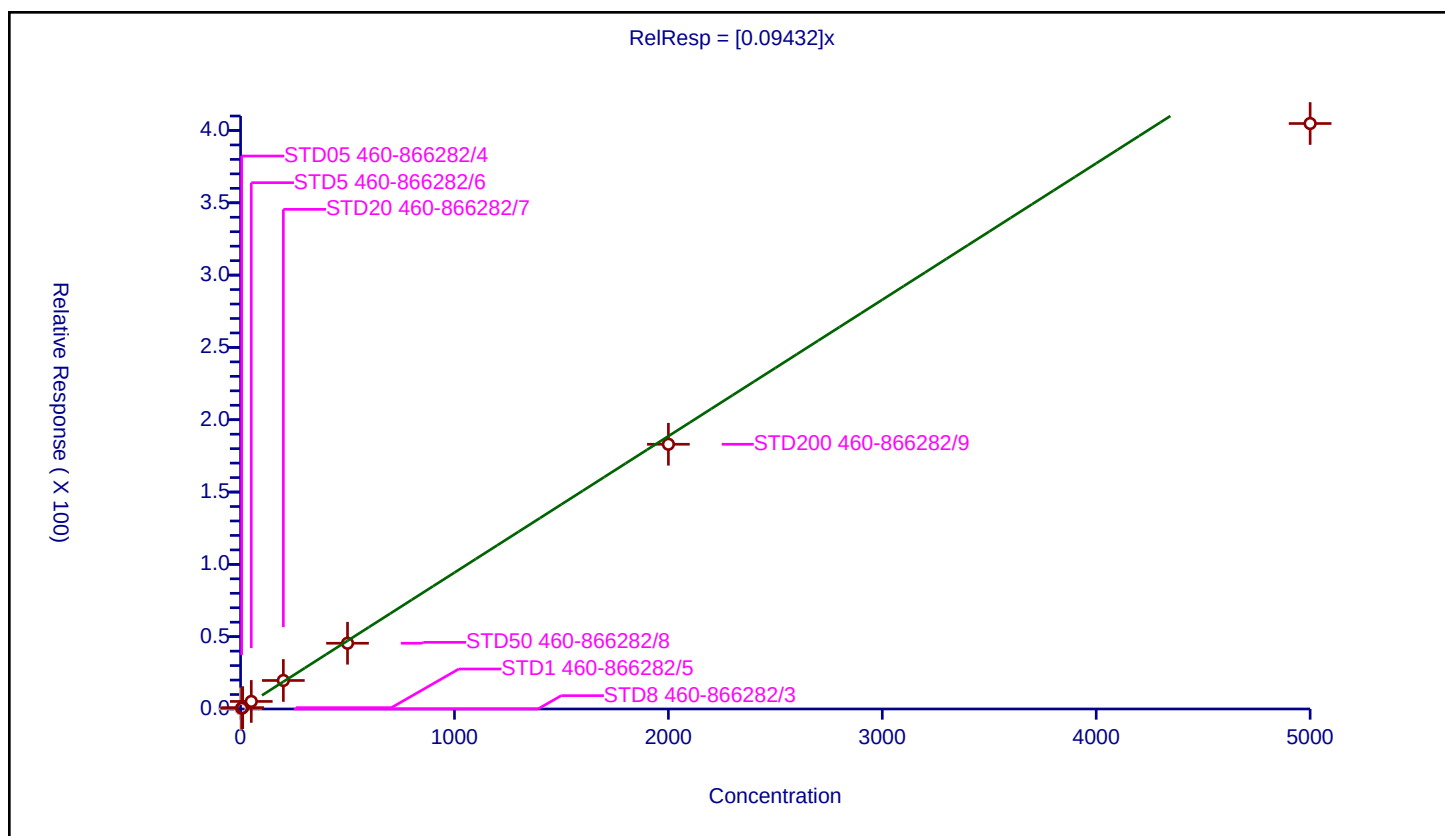
Curve Coefficients

Intercept: 0
 Slope: 0.09432

Error Coefficients

Standard Error: 2640000
 Relative Standard Error: 8.2
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	50.0	907957.0	NaN	N
2	STD05 460-866282/4	5.0	0.501441	50.0	694997.0	0.100288	Y
3	STD1 460-866282/5	10.0	0.933749	50.0	713093.0	0.093375	Y
4	STD5 460-866282/6	50.0	5.228167	50.0	718904.0	0.104563	Y
5	STD20 460-866282/7	200.0	19.724733	50.0	683264.0	0.098624	Y
6	STD50 460-866282/8	500.0	45.457763	50.0	690717.0	0.090916	Y
7	STD200 460-866282/9	2000.0	183.0479	50.0	705535.0	0.091524	Y
8	STD500 460-866282/10	5000.0	404.821001	50.0	727909.0	0.080964	Y



Calibration

/ Chloroform

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

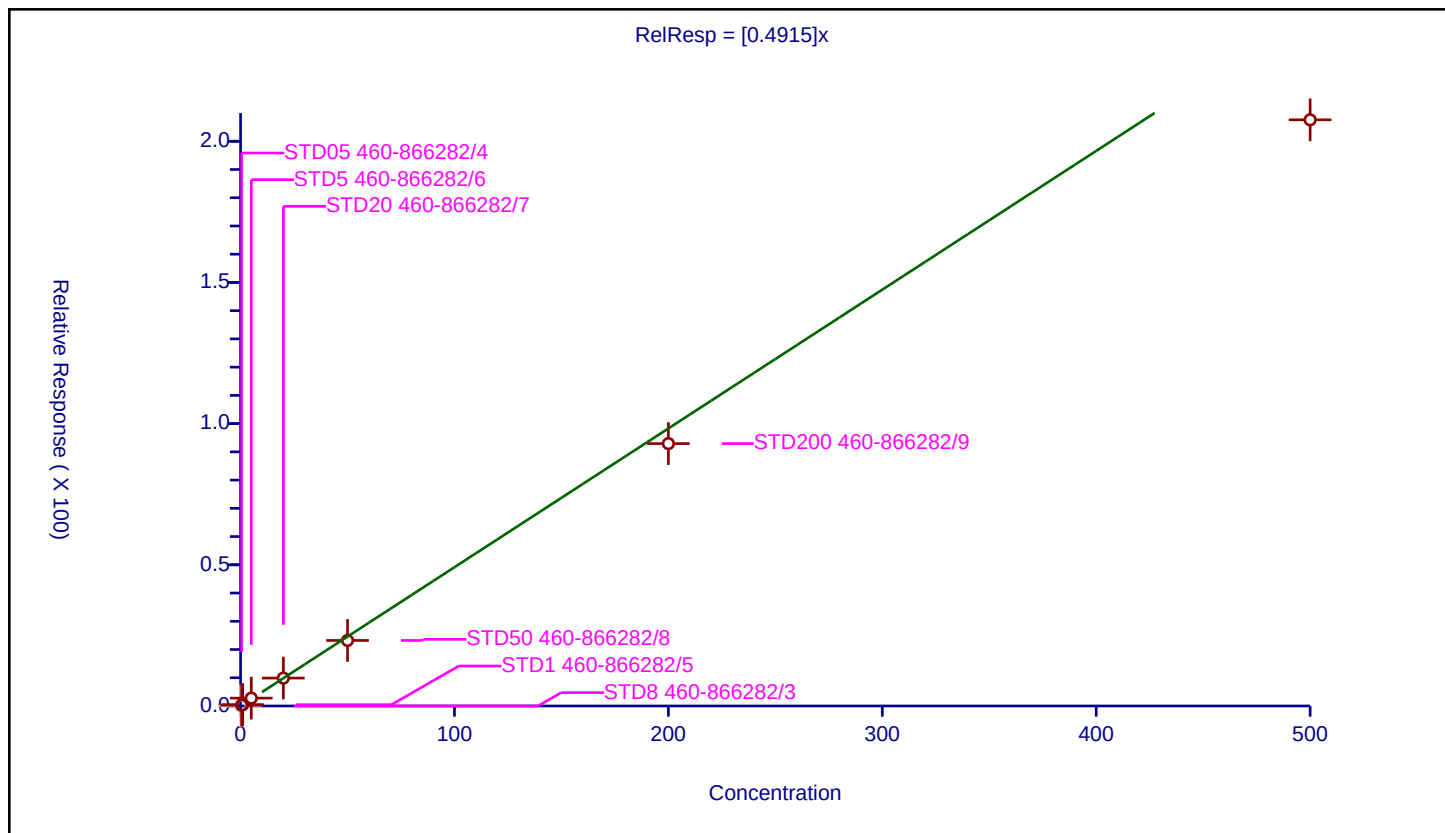
Curve Coefficients

Intercept: 0
 Slope: 0.4915

Error Coefficients

Standard Error: 1350000
 Relative Standard Error: 11.7
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	50.0	907957.0	NaN	N
2	STD05 460-866282/4	0.5	0.289642	50.0	694997.0	0.579283	Y
3	STD1 460-866282/5	1.0	0.46698	50.0	713093.0	0.46698	Y
4	STD5 460-866282/6	5.0	2.777909	50.0	718904.0	0.555582	Y
5	STD20 460-866282/7	20.0	9.886369	50.0	683264.0	0.494318	Y
6	STD50 460-866282/8	50.0	23.212546	50.0	690717.0	0.464251	Y
7	STD200 460-866282/9	200.0	92.924943	50.0	705535.0	0.464625	Y
8	STD500 460-866282/10	500.0	207.588036	50.0	727909.0	0.415176	Y



Calibration

/ Cyclohexane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

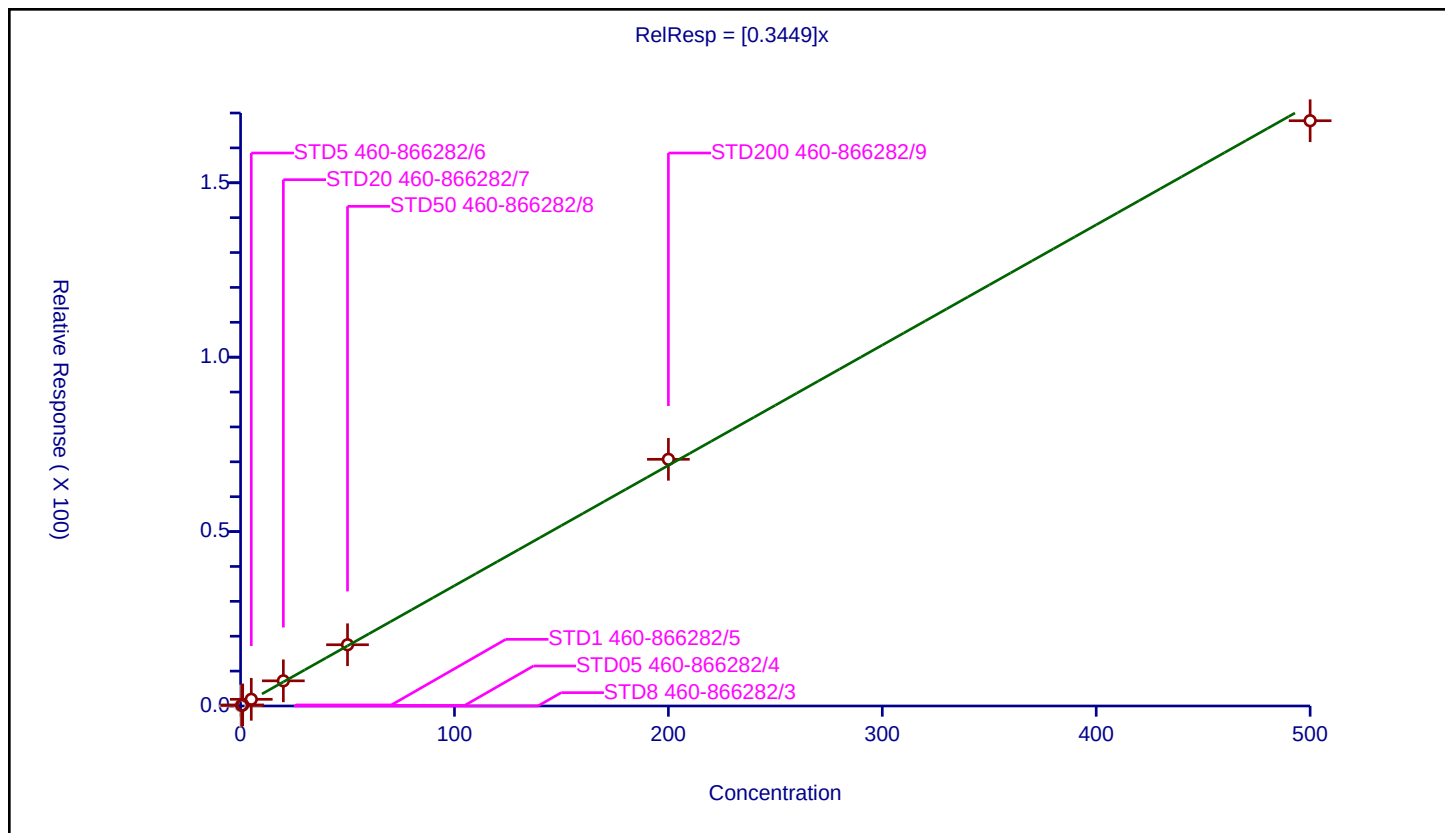
Curve Coefficients

Intercept: 0
Slope: 0.3449

Error Coefficients

Standard Error: 1080000
Relative Standard Error: 7.6
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	50.0	907957.0	NaN	N
2	STD05 460-866282/4	0.5	0.164893	50.0	694997.0	0.329786	Y
3	STD1 460-866282/5	1.0	0.300522	50.0	713093.0	0.300522	Y
4	STD5 460-866282/6	5.0	1.915277	50.0	718904.0	0.383055	Y
5	STD20 460-866282/7	20.0	7.211122	50.0	683264.0	0.360556	Y
6	STD50 460-866282/8	50.0	17.553282	50.0	690717.0	0.351066	Y
7	STD200 460-866282/9	200.0	70.724131	50.0	705535.0	0.353621	Y
8	STD500 460-866282/10	500.0	167.790548	50.0	727909.0	0.335581	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

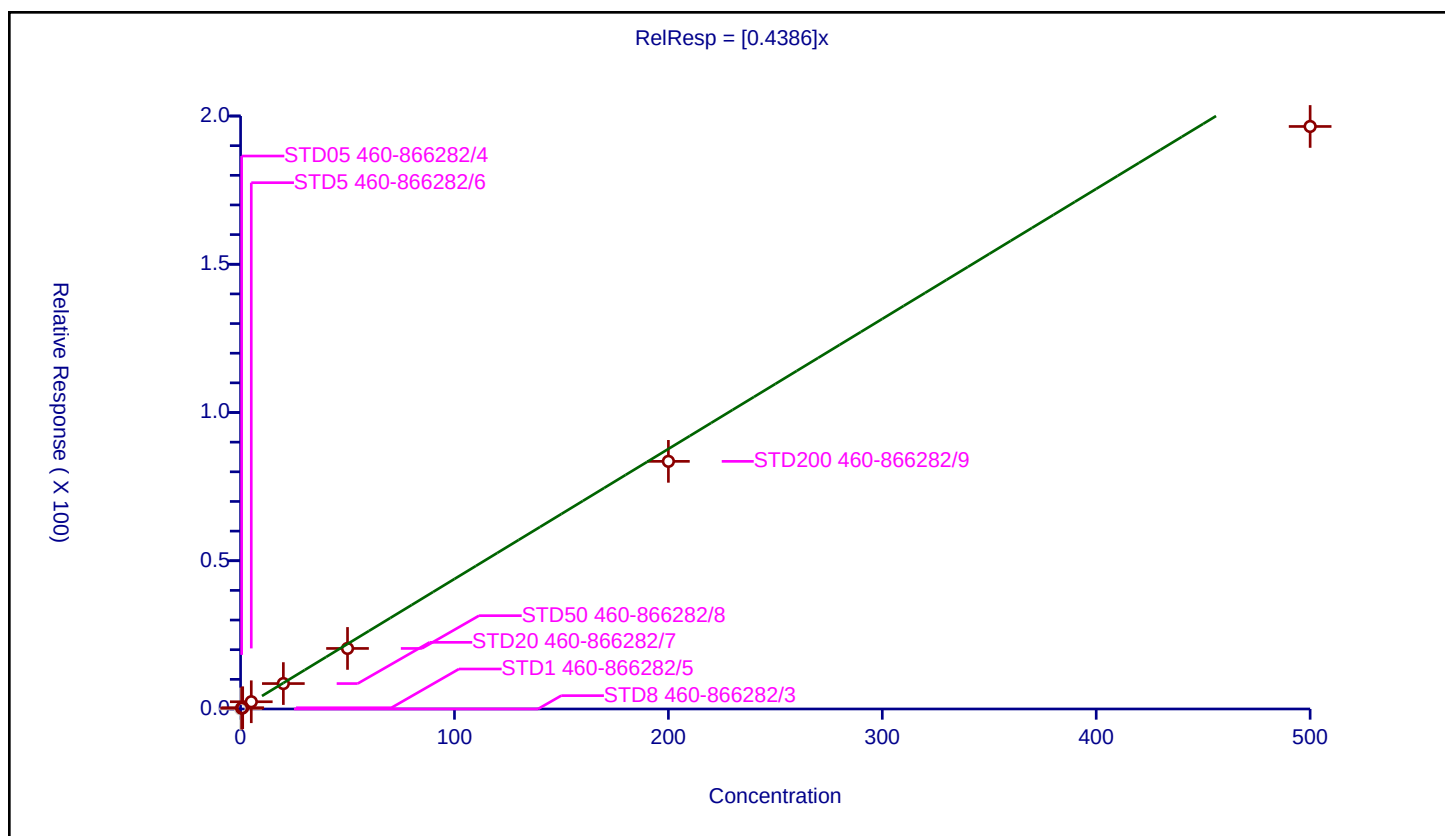
Curve Coefficients

Intercept: 0
Slope: 0.4386

Error Coefficients

Standard Error: 1270000
Relative Standard Error: 10.3
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	50.0	907957.0	NaN	N
2	STD05 460-866282/4	0.5	0.257411	50.0	694997.0	0.514822	Y
3	STD1 460-866282/5	1.0	0.4193	50.0	713093.0	0.4193	Y
4	STD5 460-866282/6	5.0	2.440242	50.0	718904.0	0.488048	Y
5	STD20 460-866282/7	20.0	8.577651	50.0	683264.0	0.428883	Y
6	STD50 460-866282/8	50.0	20.418637	50.0	690717.0	0.408373	Y
7	STD200 460-866282/9	200.0	83.525552	50.0	705535.0	0.417628	Y
8	STD500 460-866282/10	500.0	196.477376	50.0	727909.0	0.392955	Y



Calibration

/ Dibromofluoromethane (Surr)

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

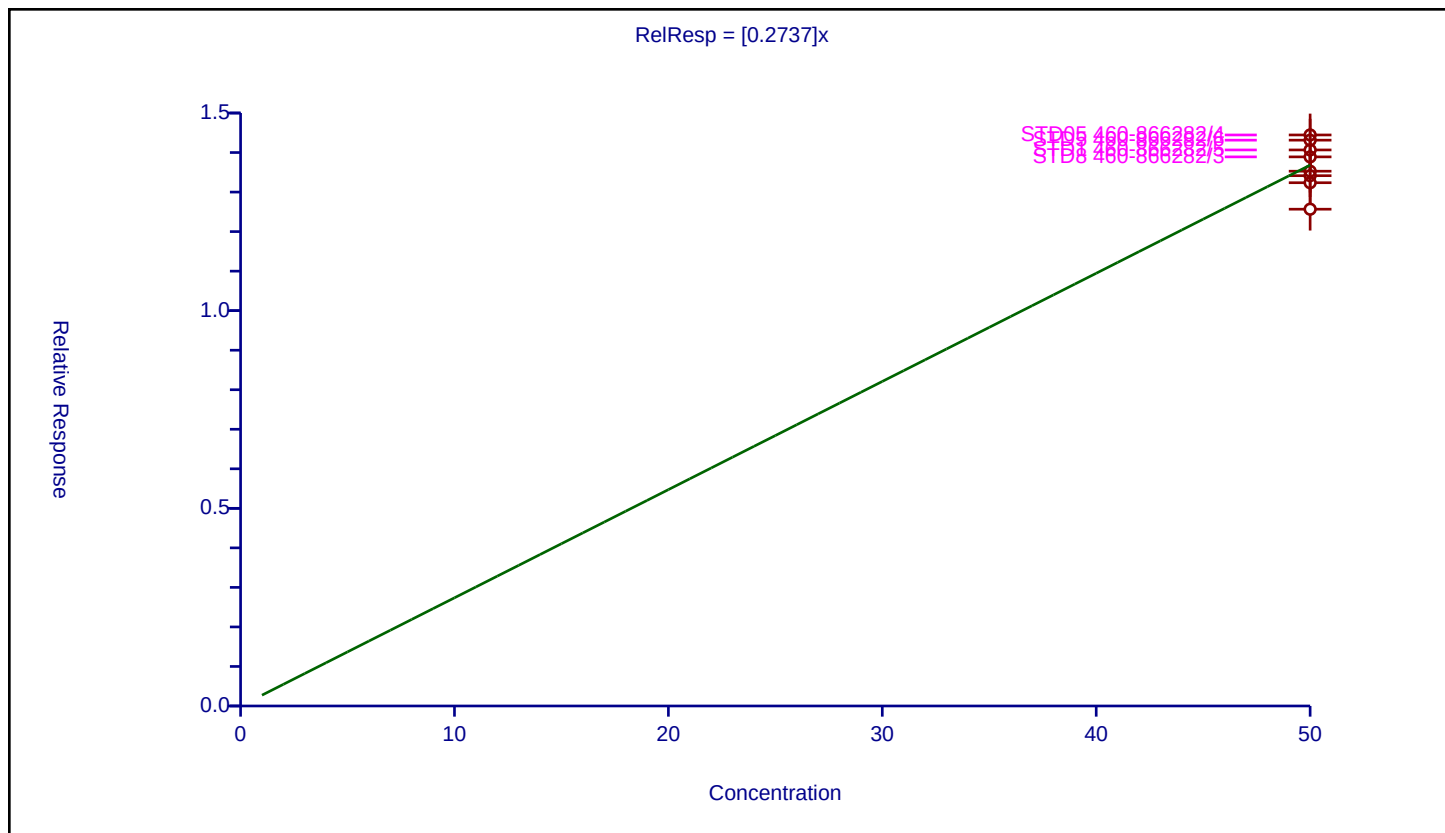
Curve Coefficients

Intercept: 0
 Slope: 0.2737

Error Coefficients

Standard Error: 215000
 Relative Standard Error: 4.5
 Correlation Coefficient: 0
 Coefficient of Determination (Adjusted): 0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	50.0	13.890471	50.0	907957.0	0.277809	Y
2	STD05 460-866282/4	50.0	14.445026	50.0	694997.0	0.288901	Y
3	STD1 460-866282/5	50.0	14.065416	50.0	713093.0	0.281308	Y
4	STD5 460-866282/6	50.0	14.313455	50.0	718904.0	0.286269	Y
5	STD20 460-866282/7	50.0	13.52786	50.0	683264.0	0.270557	Y
6	STD50 460-866282/8	50.0	13.414756	50.0	690717.0	0.268295	Y
7	STD200 460-866282/9	50.0	13.23648	50.0	705535.0	0.26473	Y
8	STD500 460-866282/10	50.0	12.567024	50.0	727909.0	0.25134	Y



Calibration

/ Carbon tetrachloride

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

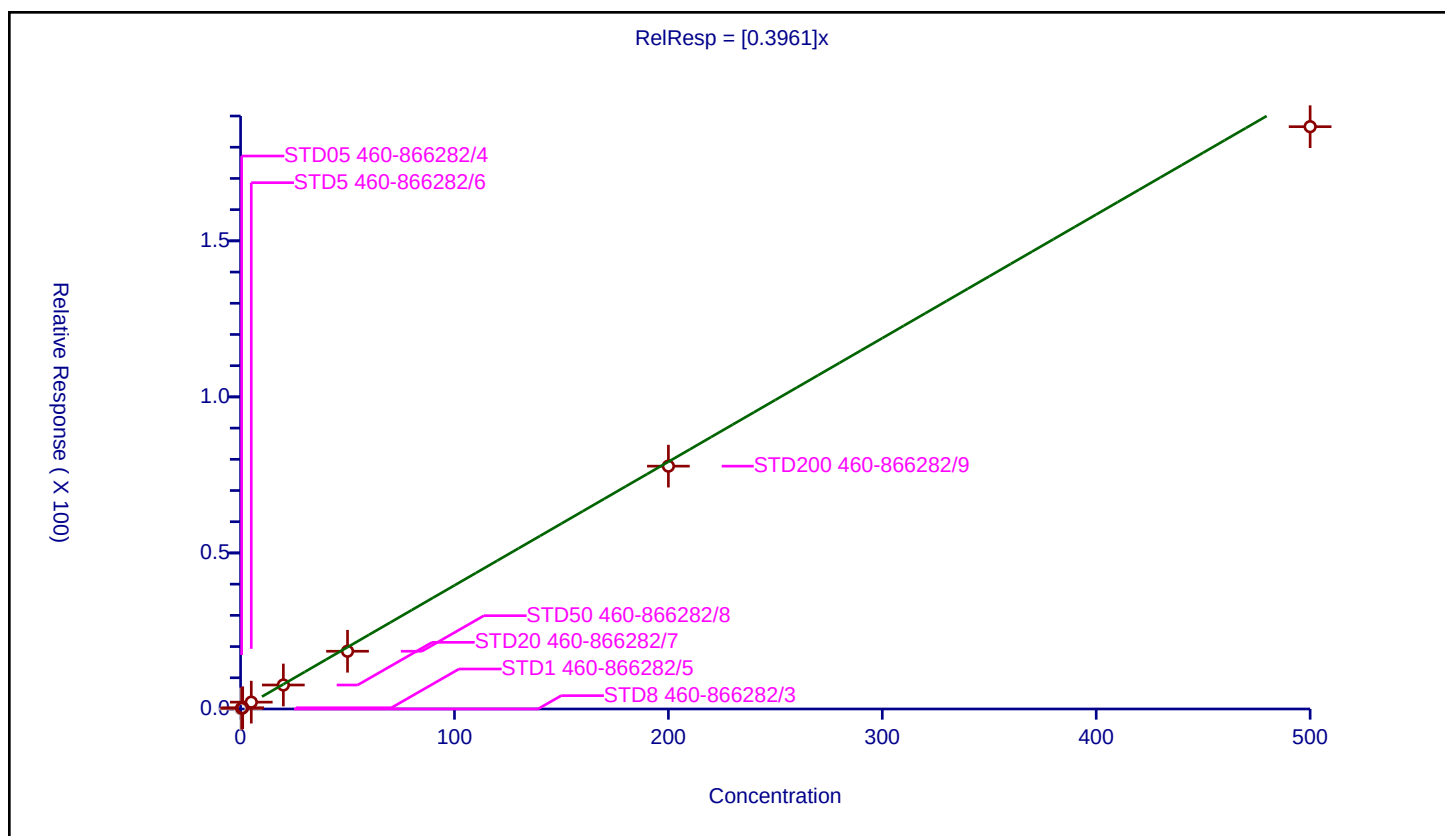
Curve Coefficients

Intercept: 0
 Slope: 0.3961

Error Coefficients

Standard Error: 1200000
 Relative Standard Error: 6.5
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	50.0	907957.0	NaN	N
2	STD05 460-866282/4	0.5	0.212159	50.0	694997.0	0.424318	Y
3	STD1 460-866282/5	1.0	0.393637	50.0	713093.0	0.393637	Y
4	STD5 460-866282/6	5.0	2.19007	50.0	718904.0	0.438014	Y
5	STD20 460-866282/7	20.0	7.689853	50.0	683264.0	0.384493	Y
6	STD50 460-866282/8	50.0	18.498893	50.0	690717.0	0.369978	Y
7	STD200 460-866282/9	200.0	77.810243	50.0	705535.0	0.389051	Y
8	STD500 460-866282/10	500.0	186.586029	50.0	727909.0	0.373172	Y



Calibration

/ 1,1-Dichloropropene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

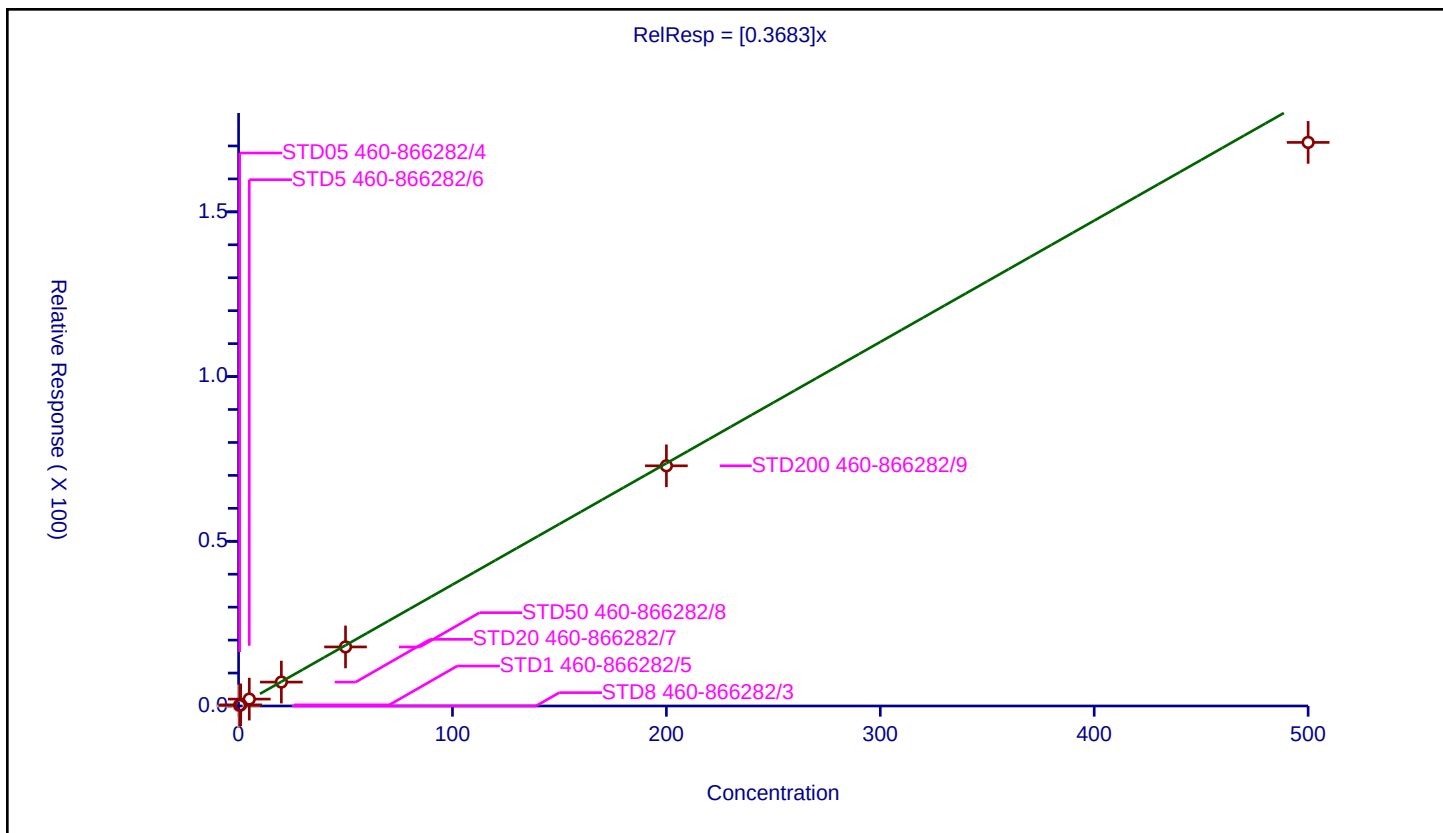
Curve Coefficients

Intercept: 0
 Slope: 0.3683

Error Coefficients

Standard Error: 1110000
 Relative Standard Error: 7.6
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	50.0	907957.0	NaN	N
2	STD05 460-866282/4	0.5	0.195468	50.0	694997.0	0.390937	Y
3	STD1 460-866282/5	1.0	0.339998	50.0	713093.0	0.339998	Y
4	STD5 460-866282/6	5.0	2.095968	50.0	718904.0	0.419194	Y
5	STD20 460-866282/7	20.0	7.26081	50.0	683264.0	0.36304	Y
6	STD50 460-866282/8	50.0	17.929774	50.0	690717.0	0.358595	Y
7	STD200 460-866282/9	200.0	72.902266	50.0	705535.0	0.364511	Y
8	STD500 460-866282/10	500.0	171.08313	50.0	727909.0	0.342166	Y



Calibration

/ Isobutyl alcohol

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

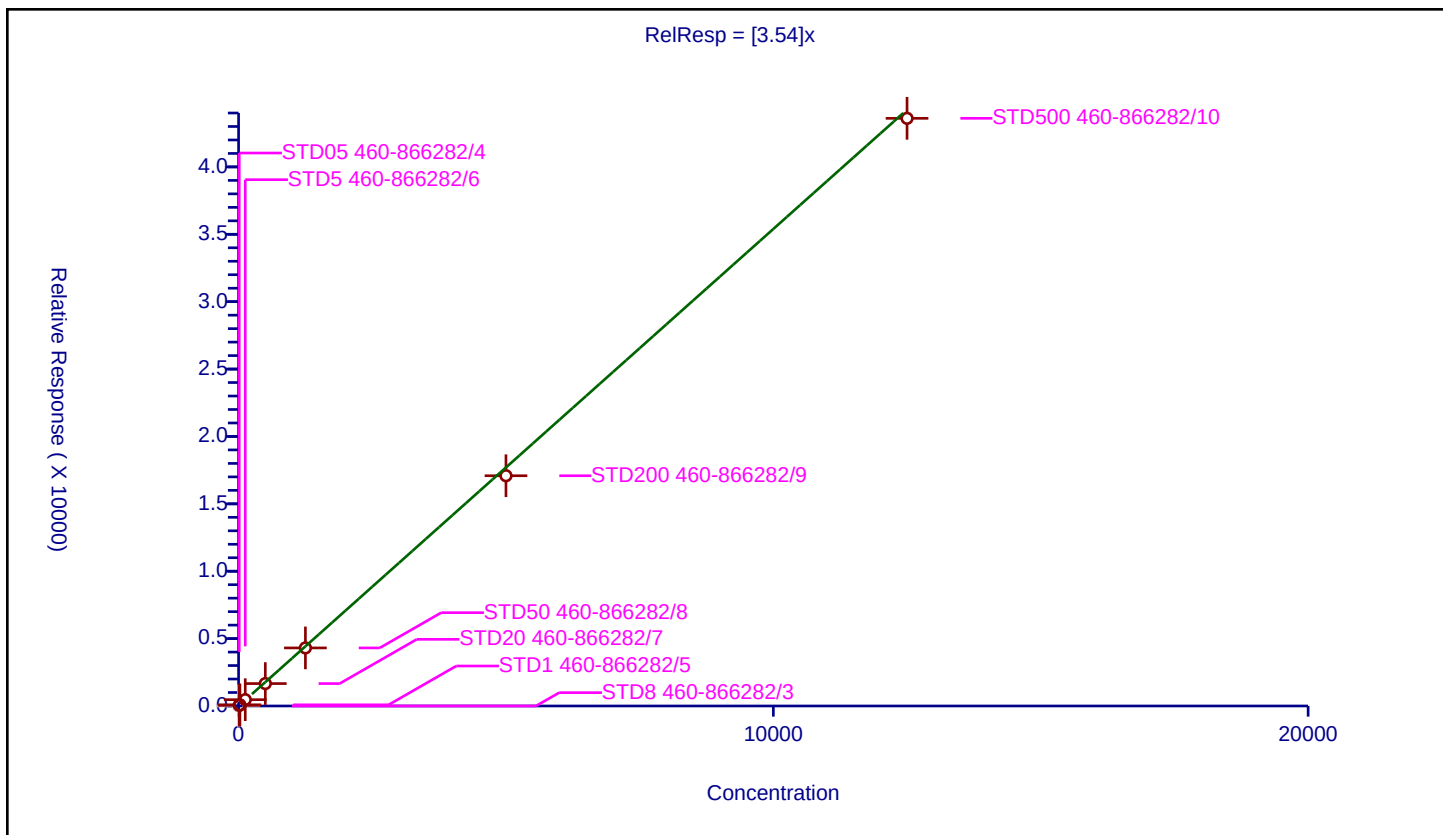
Curve Coefficients

Intercept: 0
 Slope: 3.54

Error Coefficients

Standard Error: 848000
 Relative Standard Error: 5.2
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	1000.0	57013.0	NaN	N
2	STD05 460-866282/4	12.5	48.033776	1000.0	41450.0	3.842702	Y
3	STD1 460-866282/5	25.0	87.848729	1000.0	48390.0	3.513949	Y
4	STD5 460-866282/6	125.0	467.768666	1000.0	46461.0	3.742149	Y
5	STD20 460-866282/7	500.0	1663.557643	1000.0	46424.0	3.327115	Y
6	STD50 460-866282/8	1250.0	4308.253904	1000.0	44379.0	3.446603	Y
7	STD200 460-866282/9	5000.0	17085.181274	1000.0	48297.0	3.417036	Y
8	STD500 460-866282/10	12500.0	43606.376072	1000.0	44667.0	3.48851	Y



Calibration

/ Isooctane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

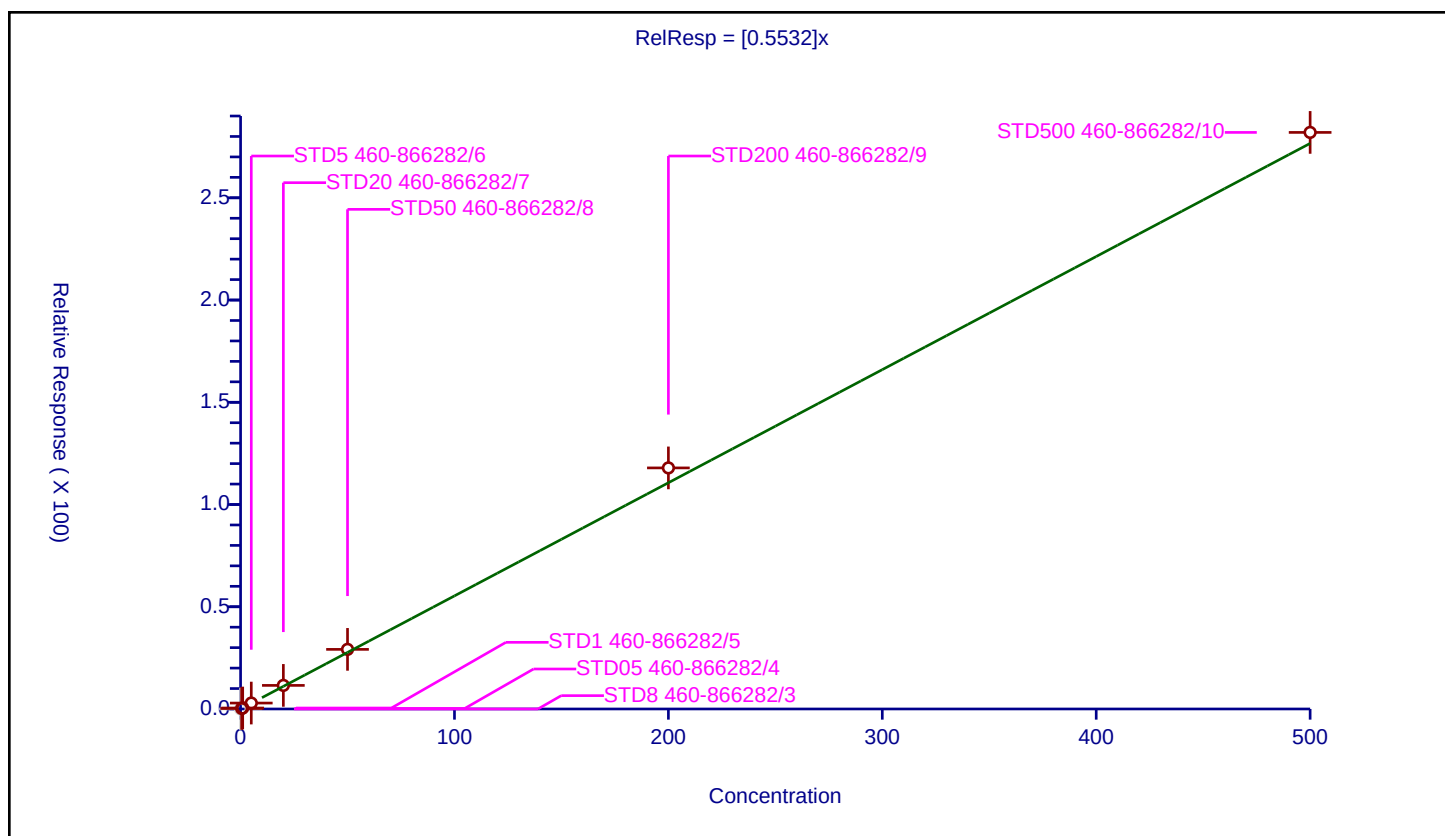
Curve Coefficients

Intercept: 0
Slope: 0.5532

Error Coefficients

Standard Error: 1820000
Relative Standard Error: 8.0
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	50.0	907957.0	NaN	N
2	STD05 460-866282/4	0.5	0.249569	50.0	694997.0	0.499139	Y
3	STD1 460-866282/5	1.0	0.480302	50.0	713093.0	0.480302	Y
4	STD5 460-866282/6	5.0	2.899831	50.0	718904.0	0.579966	Y
5	STD20 460-866282/7	20.0	11.530243	50.0	683264.0	0.576512	Y
6	STD50 460-866282/8	50.0	29.157021	50.0	690717.0	0.58314	Y
7	STD200 460-866282/9	200.0	117.905207	50.0	705535.0	0.589526	Y
8	STD500 460-866282/10	500.0	281.977761	50.0	727909.0	0.563956	Y



Calibration

/ Benzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

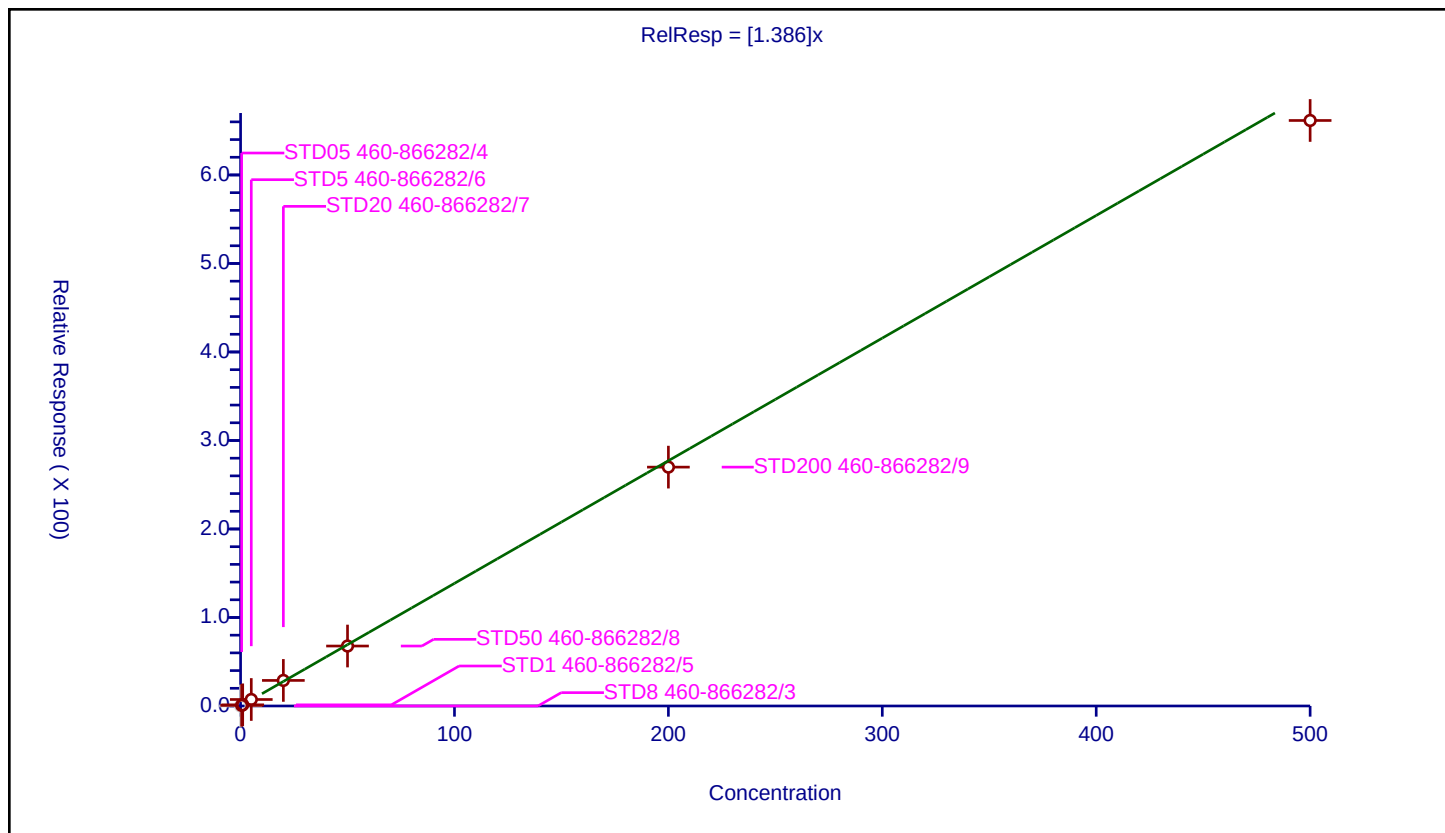
Curve Coefficients

Intercept: 0
 Slope: 1.386

Error Coefficients

Standard Error: 3040000
 Relative Standard Error: 4.5
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	50.0	685177.0	NaN	N
2	STD05 460-866282/4	0.5	0.720937	50.0	540269.0	1.441874	Y
3	STD1 460-866282/5	1.0	1.320047	50.0	541193.0	1.320047	Y
4	STD5 460-866282/6	5.0	7.330277	50.0	545491.0	1.466055	Y
5	STD20 460-866282/7	20.0	28.873249	50.0	497244.0	1.443662	Y
6	STD50 460-866282/8	50.0	67.738623	50.0	512692.0	1.354772	Y
7	STD200 460-866282/9	200.0	269.898354	50.0	521415.0	1.349492	Y
8	STD500 460-866282/10	500.0	661.565806	50.0	518027.0	1.323132	Y



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

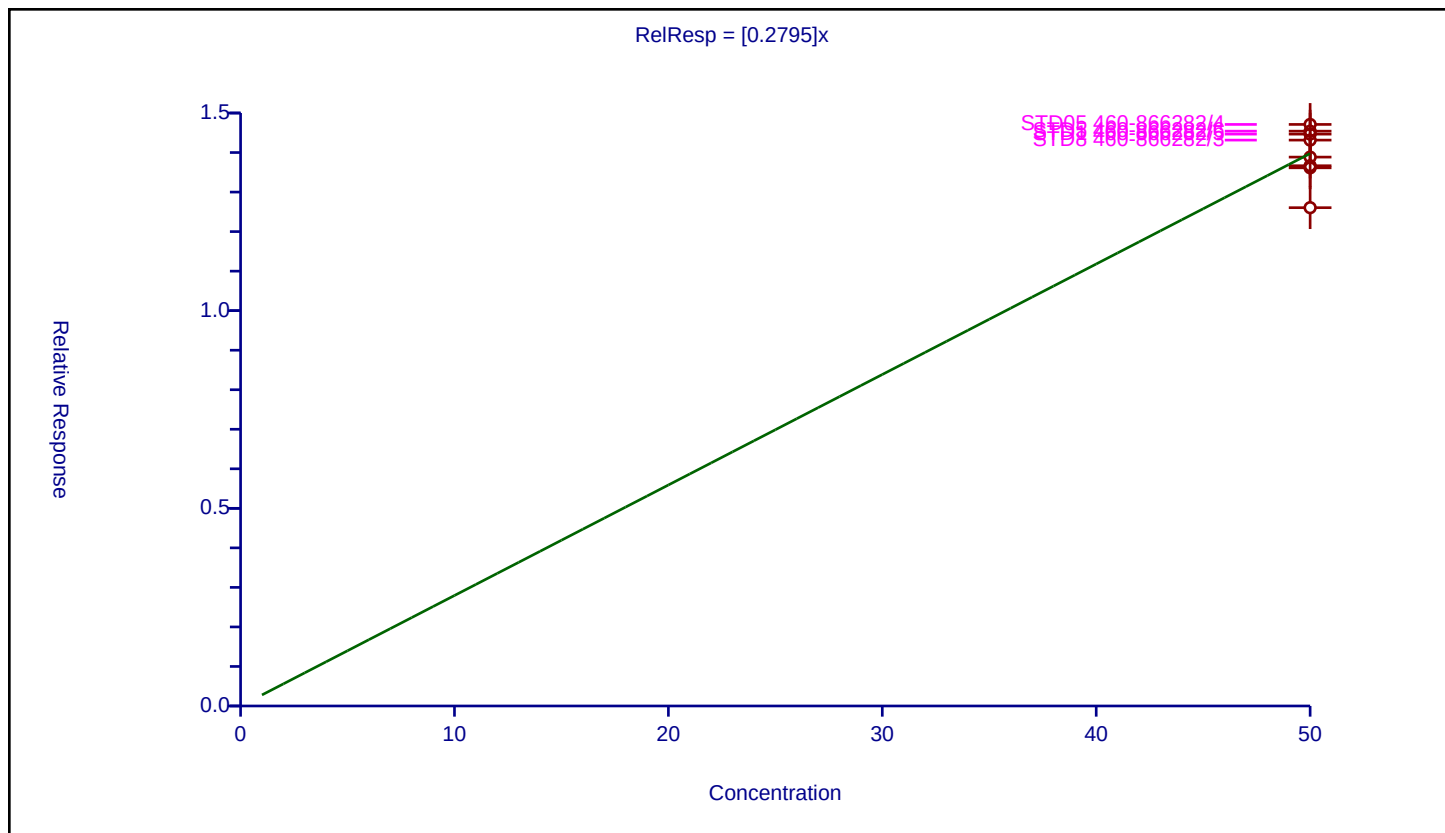
Curve Coefficients

Intercept: 0
 Slope: 0.2795

Error Coefficients

Standard Error: 220000
 Relative Standard Error: 4.9
 Correlation Coefficient: 0
 Coefficient of Determination (Adjusted): 0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	50.0	14.31472	50.0	907957.0	0.286294	Y
2	STD05 460-866282/4	50.0	14.711574	50.0	694997.0	0.294231	Y
3	STD1 460-866282/5	50.0	14.465715	50.0	713093.0	0.289314	Y
4	STD5 460-866282/6	50.0	14.541024	50.0	718904.0	0.29082	Y
5	STD20 460-866282/7	50.0	13.666313	50.0	683264.0	0.273326	Y
6	STD50 460-866282/8	50.0	13.613463	50.0	690717.0	0.272269	Y
7	STD200 460-866282/9	50.0	13.884853	50.0	705535.0	0.277697	Y
8	STD500 460-866282/10	50.0	12.605353	50.0	727909.0	0.252107	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

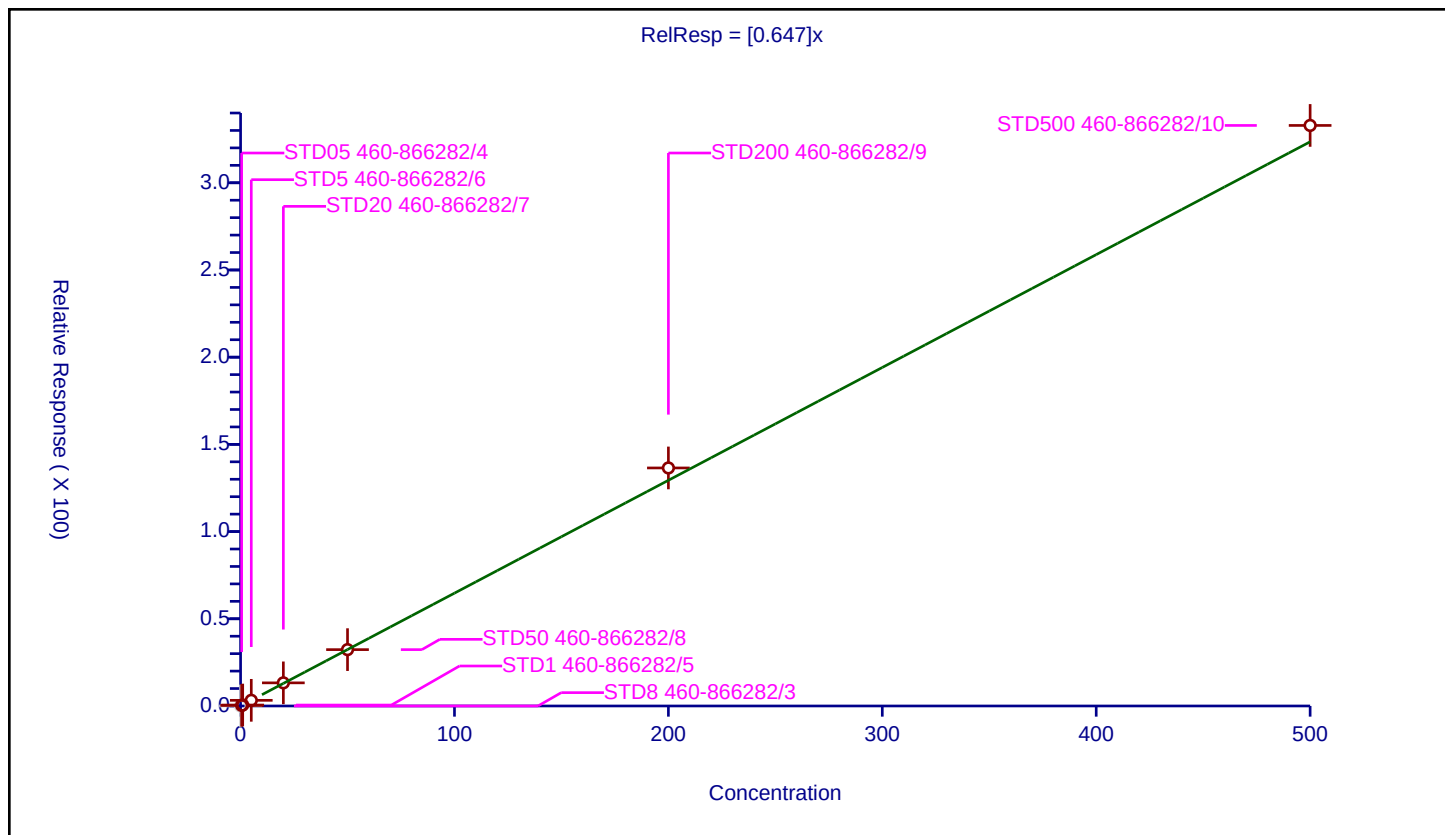
Curve Coefficients

Intercept: 0
Slope: 0.647

Error Coefficients

Standard Error: 2140000
Relative Standard Error: 7.4
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	50.0	907957.0	NaN	N
2	STD05 460-866282/4	0.5	0.338635	50.0	694997.0	0.677269	Y
3	STD1 460-866282/5	1.0	0.542846	50.0	713093.0	0.542846	Y
4	STD5 460-866282/6	5.0	3.256415	50.0	718904.0	0.651283	Y
5	STD20 460-866282/7	20.0	13.26559	50.0	683264.0	0.663279	Y
6	STD50 460-866282/8	50.0	32.309832	50.0	690717.0	0.646197	Y
7	STD200 460-866282/9	200.0	136.491102	50.0	705535.0	0.682456	Y
8	STD500 460-866282/10	500.0	332.875744	50.0	727909.0	0.665751	Y



Calibration

/ Isopropyl acetate

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

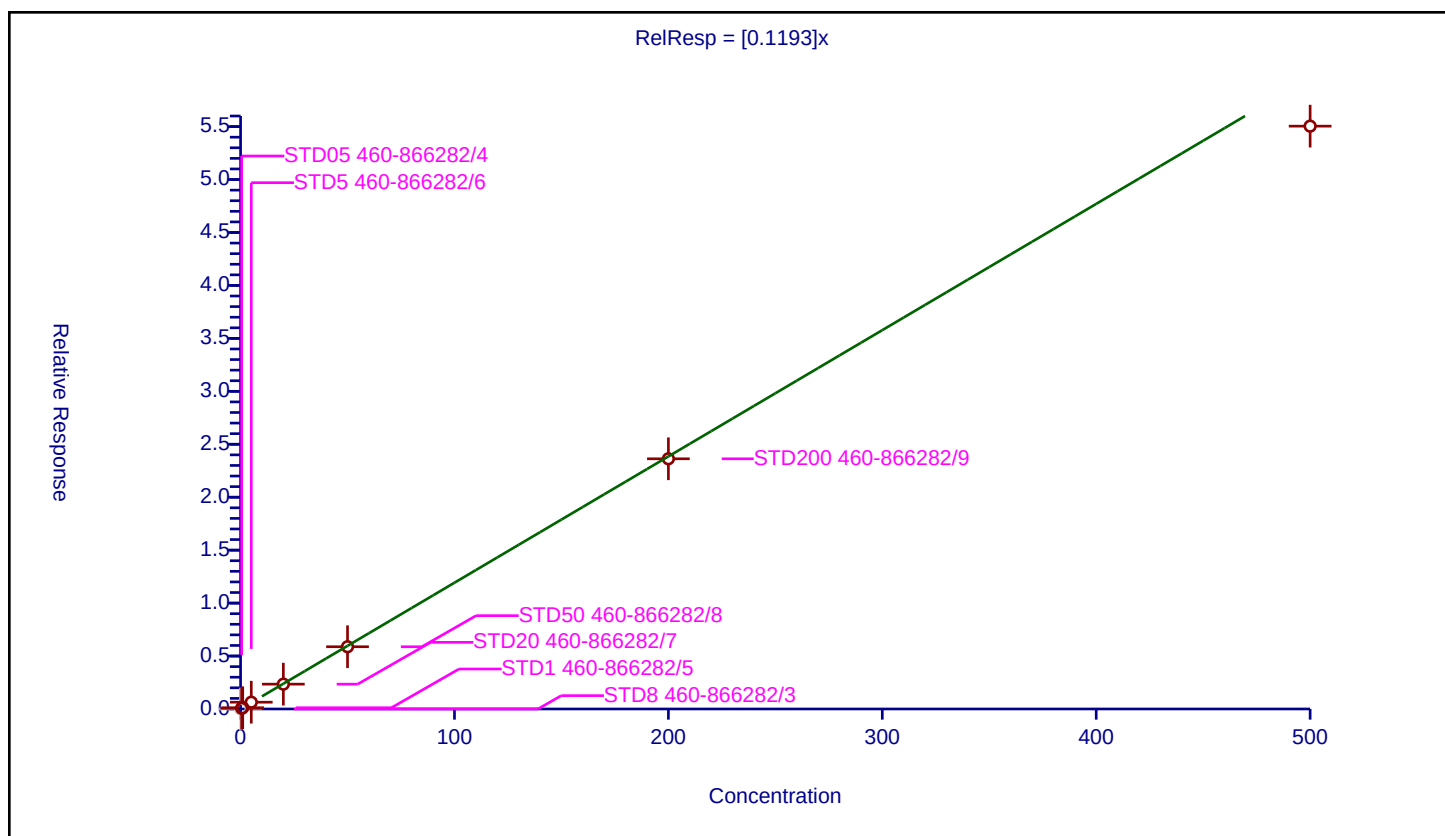
Curve Coefficients

Intercept: 0
Slope: 0.1193

Error Coefficients

Standard Error: 356000
Relative Standard Error: 5.1
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	50.0	907957.0	NaN	N
2	STD05 460-866282/4	0.5	0.063094	50.0	694997.0	0.126188	Y
3	STD1 460-866282/5	1.0	0.117306	50.0	713093.0	0.117306	Y
4	STD5 460-866282/6	5.0	0.641115	50.0	718904.0	0.128223	Y
5	STD20 460-866282/7	20.0	2.345067	50.0	683264.0	0.117253	Y
6	STD50 460-866282/8	50.0	5.878963	50.0	690717.0	0.117579	Y
7	STD200 460-866282/9	200.0	23.62994	50.0	705535.0	0.11815	Y
8	STD500 460-866282/10	500.0	55.044037	50.0	727909.0	0.110088	Y



Calibration

/ 1,2-Dichloroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

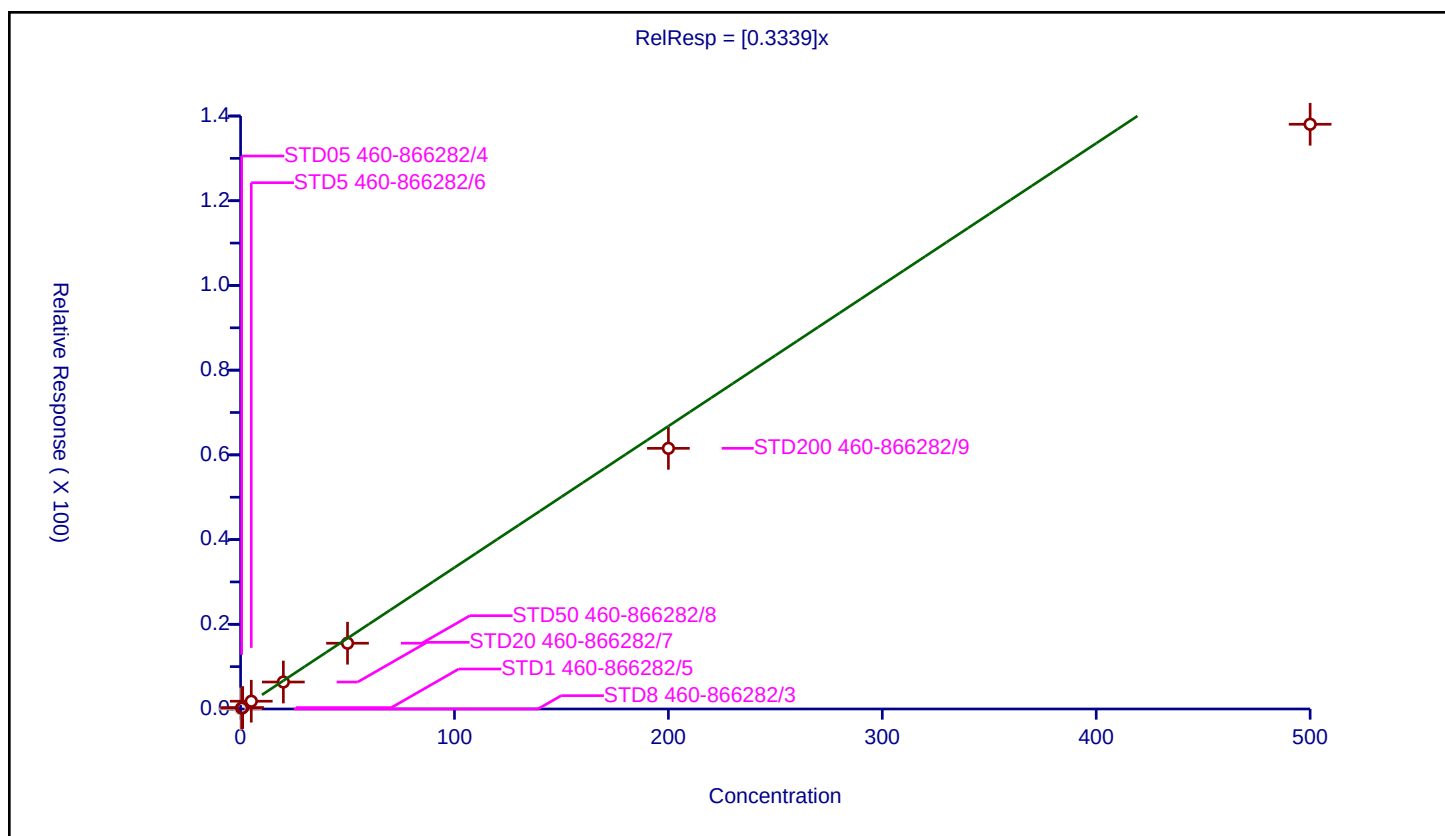
Curve Coefficients

Intercept: 0
Slope: 0.3339

Error Coefficients

Standard Error: 899000
Relative Standard Error: 14.8
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.969

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	50.0	907957.0	NaN	N
2	STD05 460-866282/4	0.5	0.213454	50.0	694997.0	0.426908	Y
3	STD1 460-866282/5	1.0	0.330322	50.0	713093.0	0.330322	Y
4	STD5 460-866282/6	5.0	1.835641	50.0	718904.0	0.367128	Y
5	STD20 460-866282/7	20.0	6.369719	50.0	683264.0	0.318486	Y
6	STD50 460-866282/8	50.0	15.532049	50.0	690717.0	0.310641	Y
7	STD200 460-866282/9	200.0	61.539116	50.0	705535.0	0.307696	Y
8	STD500 460-866282/10	500.0	138.055375	50.0	727909.0	0.276111	Y



Calibration

/ n-Heptane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

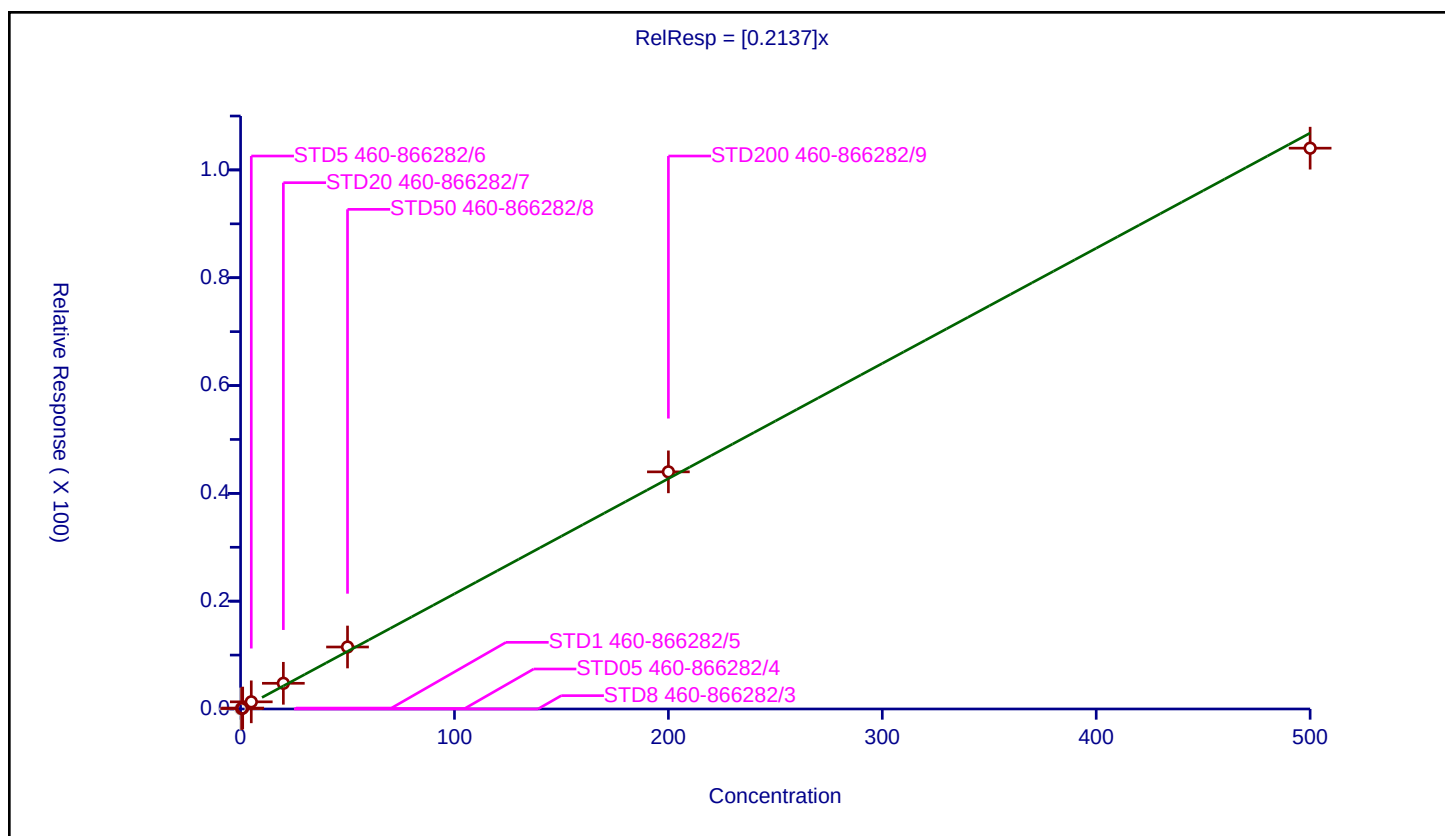
Curve Coefficients

Intercept: 0
Slope: 0.2137

Error Coefficients

Standard Error: 672000
Relative Standard Error: 17.1
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.970

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	50.0	907957.0	NaN	N
2	STD05 460-866282/4	0.5	0.080648	50.0	694997.0	0.161296	Y
3	STD1 460-866282/5	1.0	0.172698	50.0	713093.0	0.172698	Y
4	STD5 460-866282/6	5.0	1.32702	50.0	718904.0	0.265404	Y
5	STD20 460-866282/7	20.0	4.767191	50.0	683264.0	0.23836	Y
6	STD50 460-866282/8	50.0	11.499789	50.0	690717.0	0.229996	Y
7	STD200 460-866282/9	200.0	43.987329	50.0	705535.0	0.219937	Y
8	STD500 460-866282/10	500.0	104.036081	50.0	727909.0	0.208072	Y



Calibration

/ n-Butanol

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

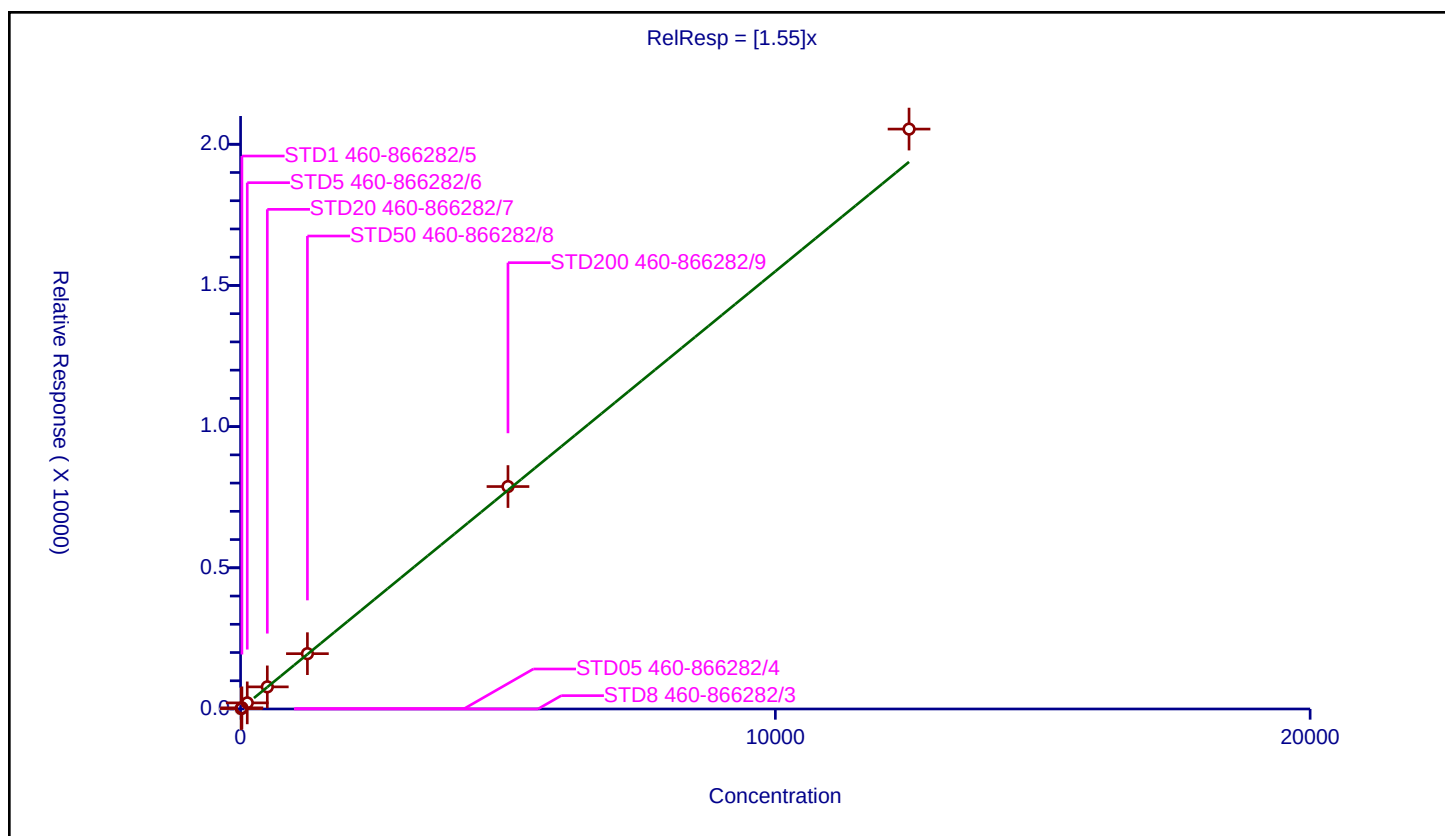
Curve Coefficients

Intercept: 0
Slope: 1.55

Error Coefficients

Standard Error: 399000
Relative Standard Error: 12.7
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.983

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	1000.0	57013.0	NaN	N
2	STD05 460-866282/4	12.5	14.065139	1000.0	41450.0	1.125211	Y
3	STD1 460-866282/5	25.0	40.93821	1000.0	48390.0	1.637528	Y
4	STD5 460-866282/6	125.0	216.719399	1000.0	46461.0	1.733755	Y
5	STD20 460-866282/7	500.0	783.603309	1000.0	46424.0	1.567207	Y
6	STD50 460-866282/8	1250.0	1959.598008	1000.0	44379.0	1.567678	Y
7	STD200 460-866282/9	5000.0	7877.611446	1000.0	48297.0	1.575522	Y
8	STD500 460-866282/10	12500.0	20537.152708	1000.0	44667.0	1.642972	Y



Calibration

/ Trichloroethene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

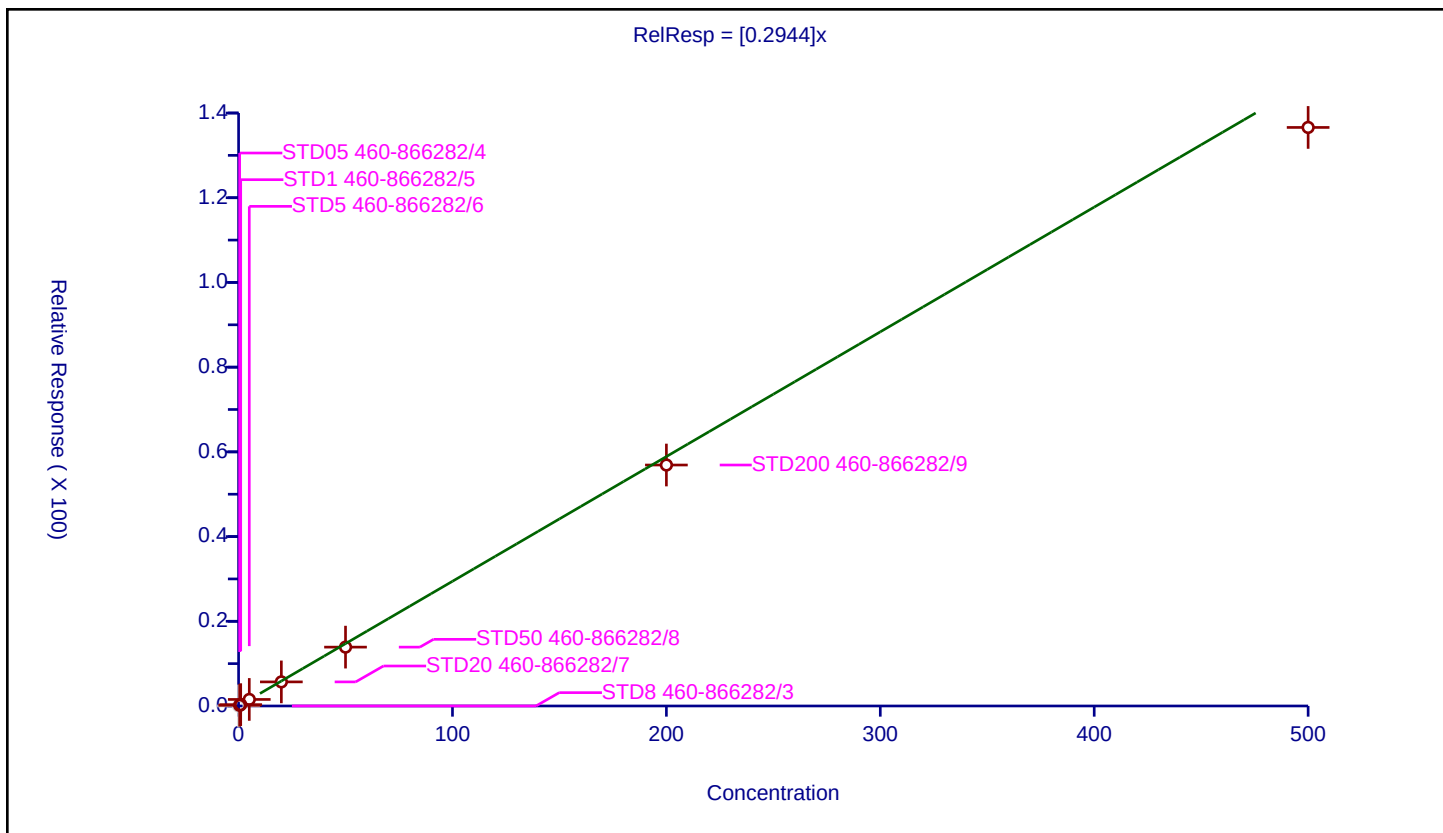
Curve Coefficients

Intercept: 0
 Slope: 0.2944

Error Coefficients

Standard Error: 880000
 Relative Standard Error: 6.3
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	50.0	907957.0	NaN	N
2	STD05 460-866282/4	0.5	0.157483	50.0	694997.0	0.314965	Y
3	STD1 460-866282/5	1.0	0.316719	50.0	713093.0	0.316719	Y
4	STD5 460-866282/6	5.0	1.547216	50.0	718904.0	0.309443	Y
5	STD20 460-866282/7	20.0	5.687845	50.0	683264.0	0.284392	Y
6	STD50 460-866282/8	50.0	13.896936	50.0	690717.0	0.277939	Y
7	STD200 460-866282/9	200.0	56.894555	50.0	705535.0	0.284473	Y
8	STD500 460-866282/10	500.0	136.596608	50.0	727909.0	0.273193	Y



Calibration

/ Methylcyclohexane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

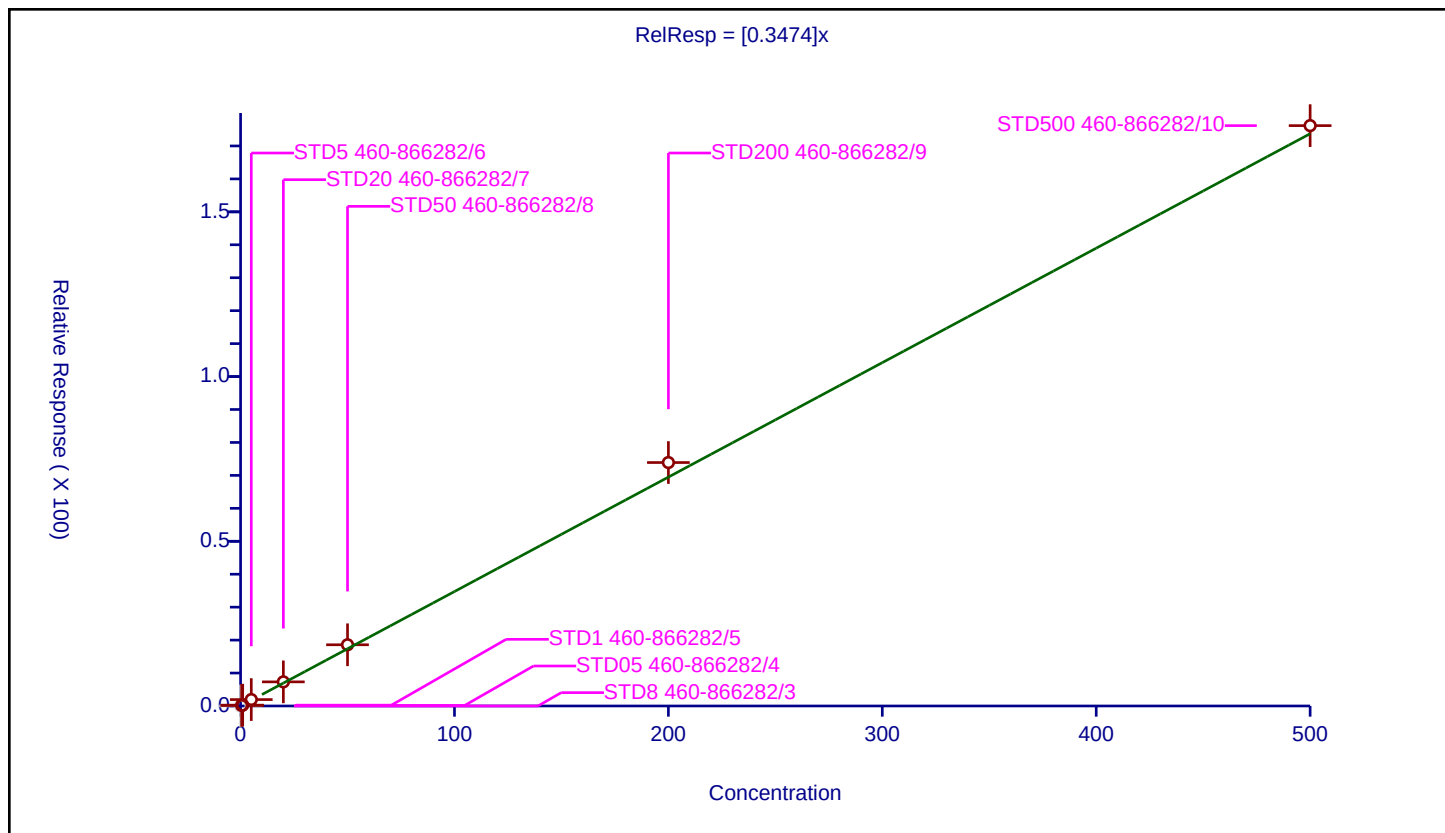
Curve Coefficients

Intercept: 0
 Slope: 0.3474

Error Coefficients

Standard Error: 1140000
 Relative Standard Error: 12.7
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	50.0	907957.0	NaN	N
2	STD05 460-866282/4	0.5	0.162375	50.0	694997.0	0.32475	Y
3	STD1 460-866282/5	1.0	0.258171	50.0	713093.0	0.258171	Y
4	STD5 460-866282/6	5.0	1.947896	50.0	718904.0	0.389579	Y
5	STD20 460-866282/7	20.0	7.321255	50.0	683264.0	0.366063	Y
6	STD50 460-866282/8	50.0	18.578159	50.0	690717.0	0.371563	Y
7	STD200 460-866282/9	200.0	73.898389	50.0	705535.0	0.369492	Y
8	STD500 460-866282/10	500.0	176.167282	50.0	727909.0	0.352335	Y



Calibration

/ Ethyl acrylate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

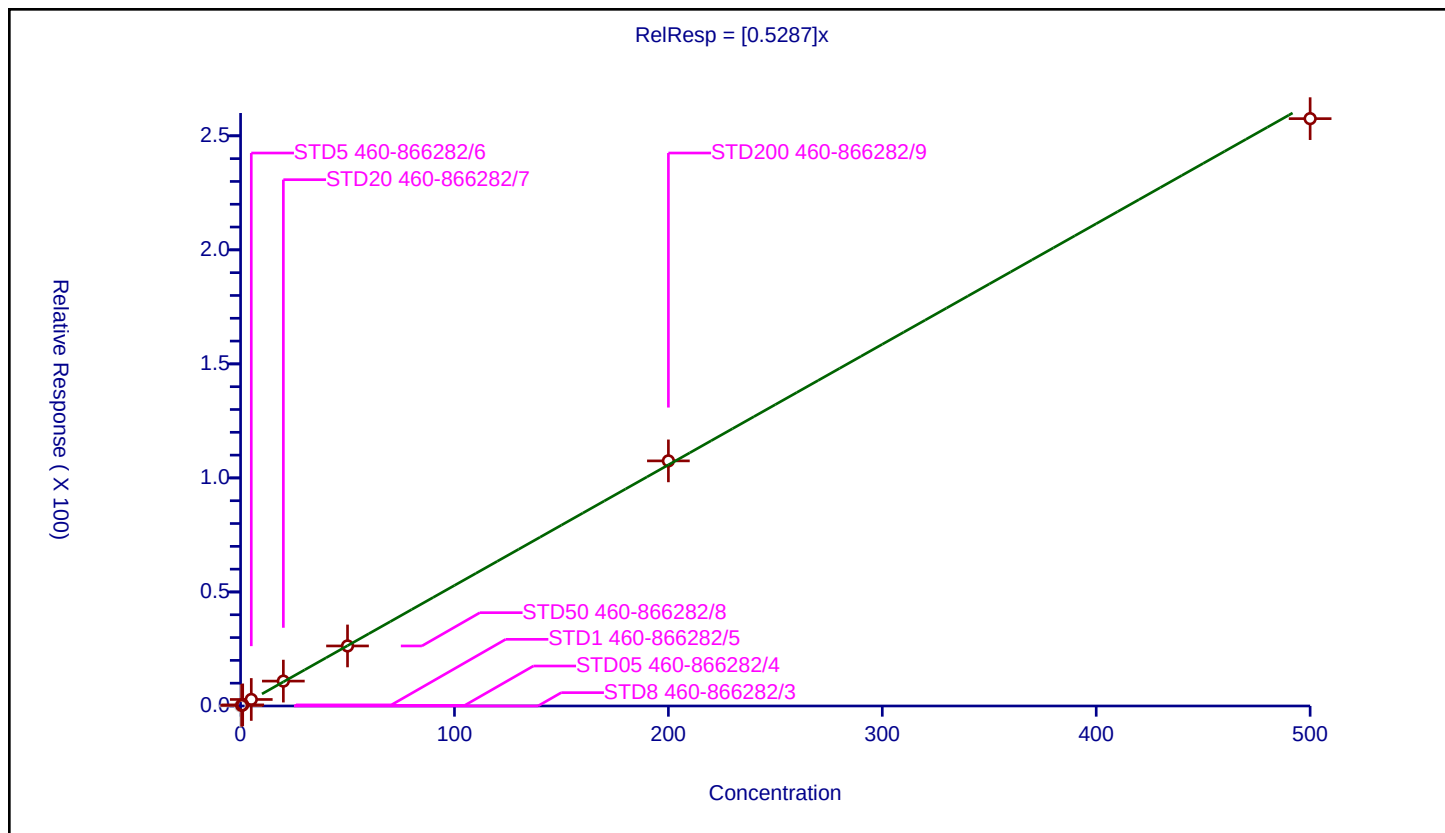
Curve Coefficients

Intercept: 0
 Slope: 0.5287

Error Coefficients

Standard Error: 1660000
 Relative Standard Error: 5.1
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	50.0	907957.0	NaN	N
2	STD05 460-866282/4	0.5	0.260217	50.0	694997.0	0.520434	Y
3	STD1 460-866282/5	1.0	0.484018	50.0	713093.0	0.484018	Y
4	STD5 460-866282/6	5.0	2.856223	50.0	718904.0	0.571245	Y
5	STD20 460-866282/7	20.0	10.919498	50.0	683264.0	0.545975	Y
6	STD50 460-866282/8	50.0	26.326701	50.0	690717.0	0.526534	Y
7	STD200 460-866282/9	200.0	107.469651	50.0	705535.0	0.537348	Y
8	STD500 460-866282/10	500.0	257.533497	50.0	727909.0	0.515067	Y



Calibration

/ 1,2-Dichloropropane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

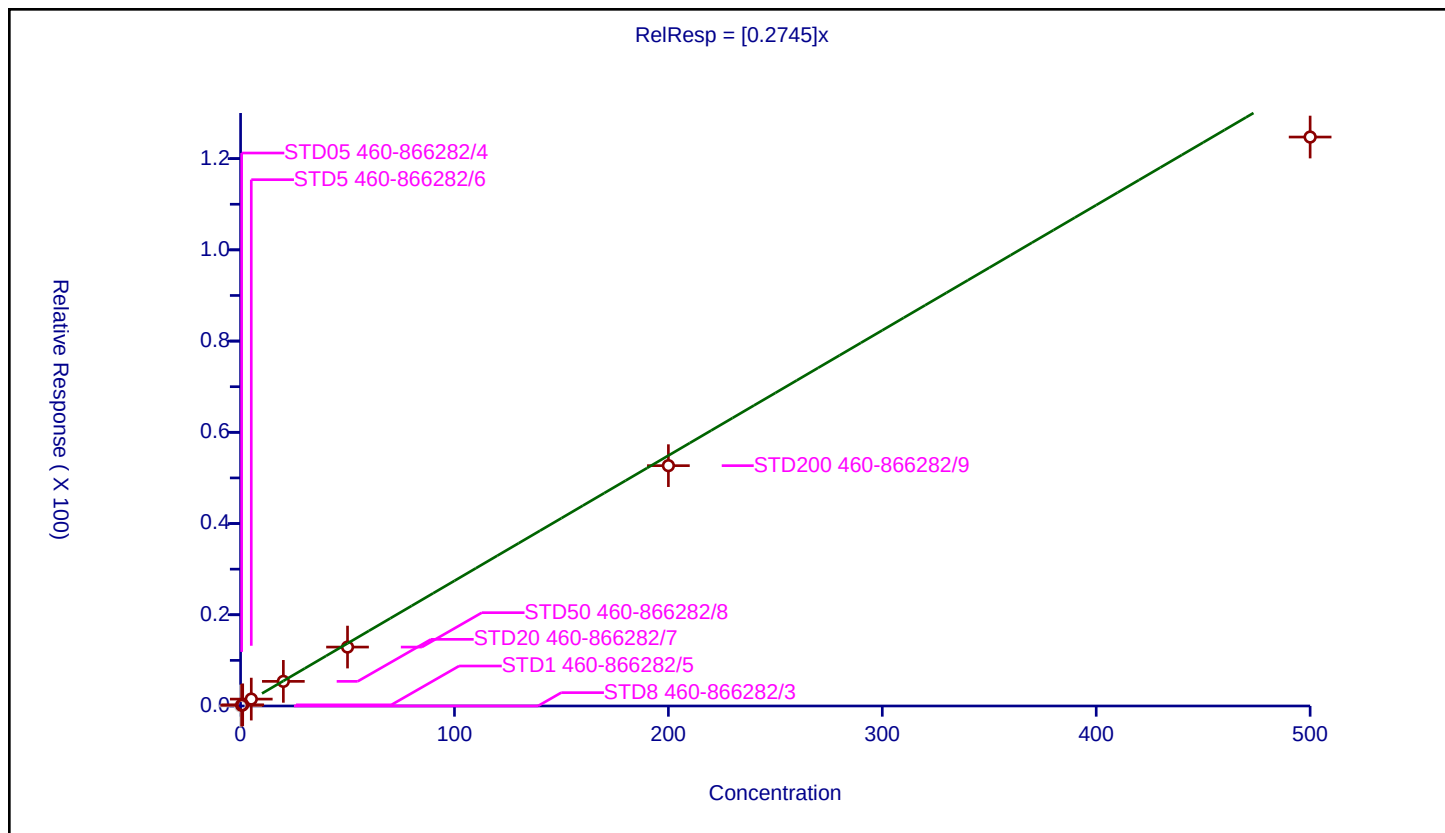
Curve Coefficients

Intercept: 0
Slope: 0.2745

Error Coefficients

Standard Error: 805000
Relative Standard Error: 10.0
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	50.0	907957.0	NaN	N
2	STD05 460-866282/4	0.5	0.161368	50.0	694997.0	0.322735	Y
3	STD1 460-866282/5	1.0	0.255787	50.0	713093.0	0.255787	Y
4	STD5 460-866282/6	5.0	1.51105	50.0	718904.0	0.30221	Y
5	STD20 460-866282/7	20.0	5.396157	50.0	683264.0	0.269808	Y
6	STD50 460-866282/8	50.0	12.915275	50.0	690717.0	0.258305	Y
7	STD200 460-866282/9	200.0	52.690937	50.0	705535.0	0.263455	Y
8	STD500 460-866282/10	500.0	124.73496	50.0	727909.0	0.24947	Y



Calibration

/ Methyl methacrylate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

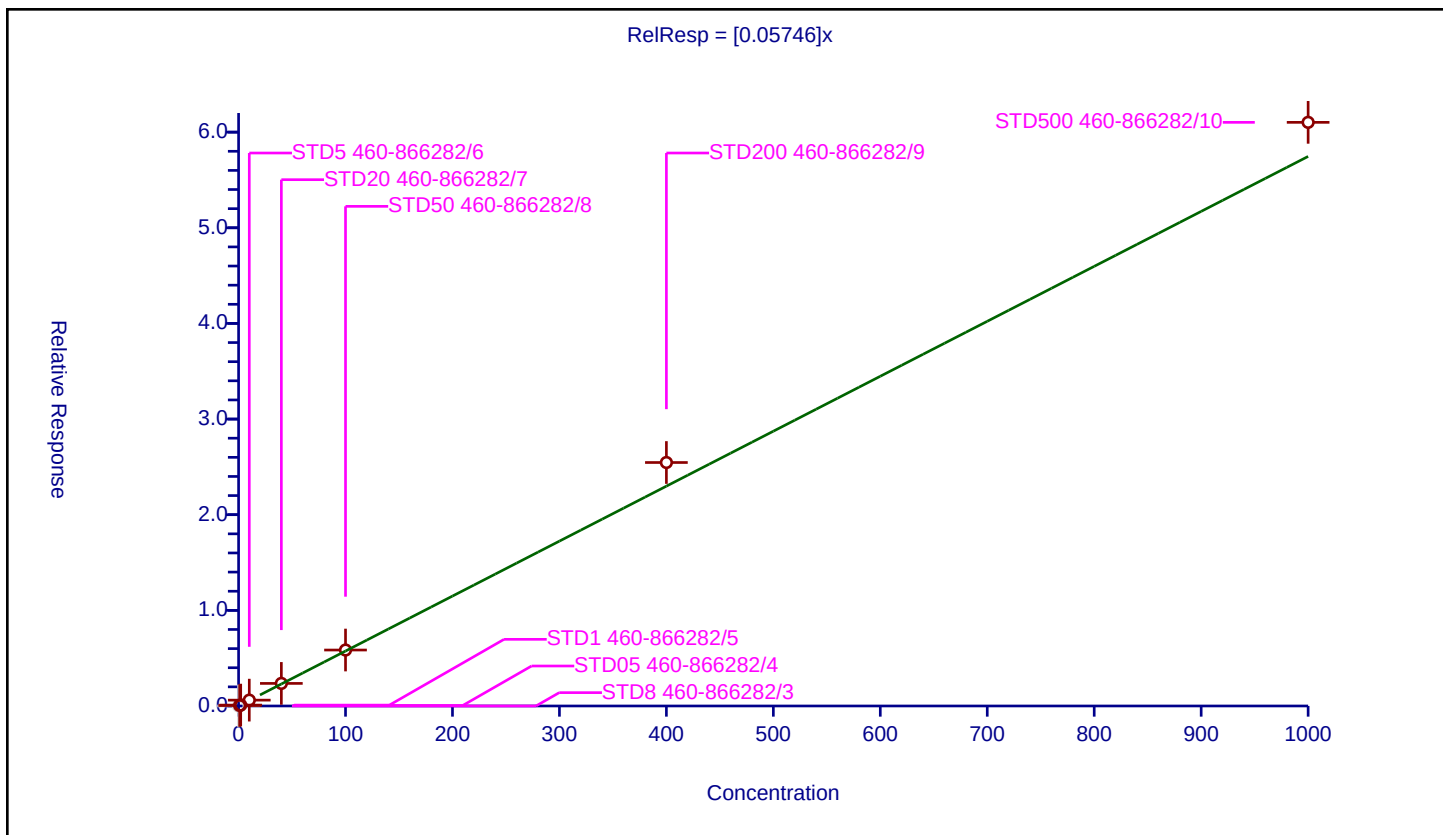
Curve Coefficients

Intercept: 0
 Slope: 0.05746

Error Coefficients

Standard Error: 393000
 Relative Standard Error: 10.3
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	50.0	907957.0	NaN	N
2	STD05 460-866282/4	1.0	0.051799	50.0	694997.0	0.051799	Y
3	STD1 460-866282/5	2.0	0.094097	50.0	713093.0	0.047049	Y
4	STD5 460-866282/6	10.0	0.611556	50.0	718904.0	0.061156	Y
5	STD20 460-866282/7	40.0	2.361459	50.0	683264.0	0.059036	Y
6	STD50 460-866282/8	100.0	5.850442	50.0	690717.0	0.058504	Y
7	STD200 460-866282/9	400.0	25.459049	50.0	705535.0	0.063648	Y
8	STD500 460-866282/10	1000.0	61.025279	50.0	727909.0	0.061025	Y



Calibration

/ 1,4-Dioxane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

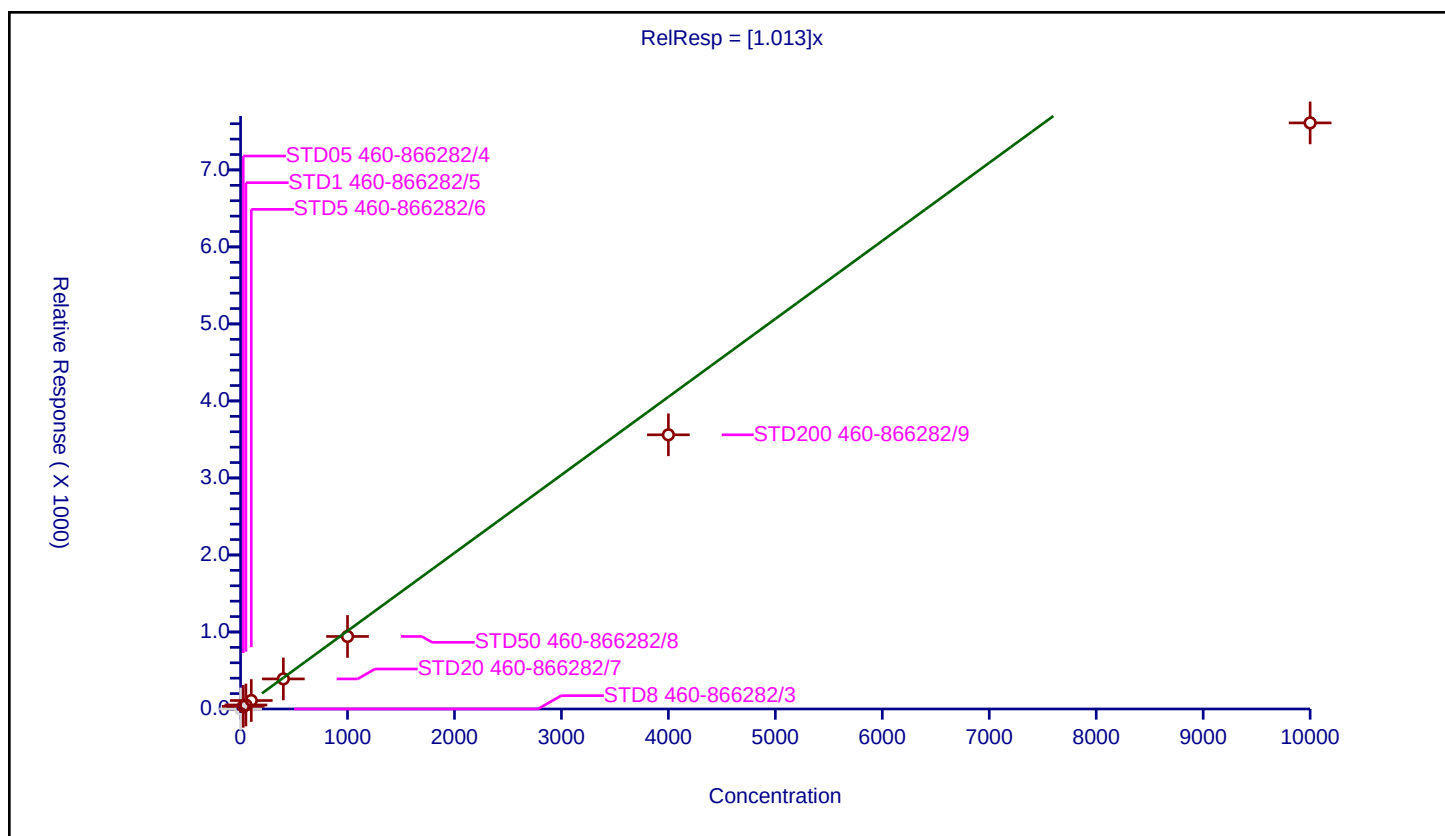
Curve Coefficients

Intercept: 0
Slope: 1.013

Error Coefficients

Standard Error: 151000
Relative Standard Error: 19.3
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.934

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	1000.0	49360.0	NaN	N
2	STD05 460-866282/4	25.000031	34.552846	1000.0	35424.0	1.382112	Y
3	STD1 460-866282/5	50.000062	52.083079	1000.0	40877.0	1.04166	Y
4	STD5 460-866282/6	100.0	109.945447	1000.0	38128.0	1.099454	Y
5	STD20 460-866282/7	400.0	390.579591	1000.0	36474.0	0.976449	Y
6	STD50 460-866282/8	1000.0	941.744422	1000.0	36975.0	0.941744	Y
7	STD200 460-866282/9	4000.0	3560.160591	1000.0	40849.0	0.89004	Y
8	STD500 460-866282/10	10000.0	7610.631403	1000.0	45977.0	0.761063	Y



Calibration

/ Dibromomethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

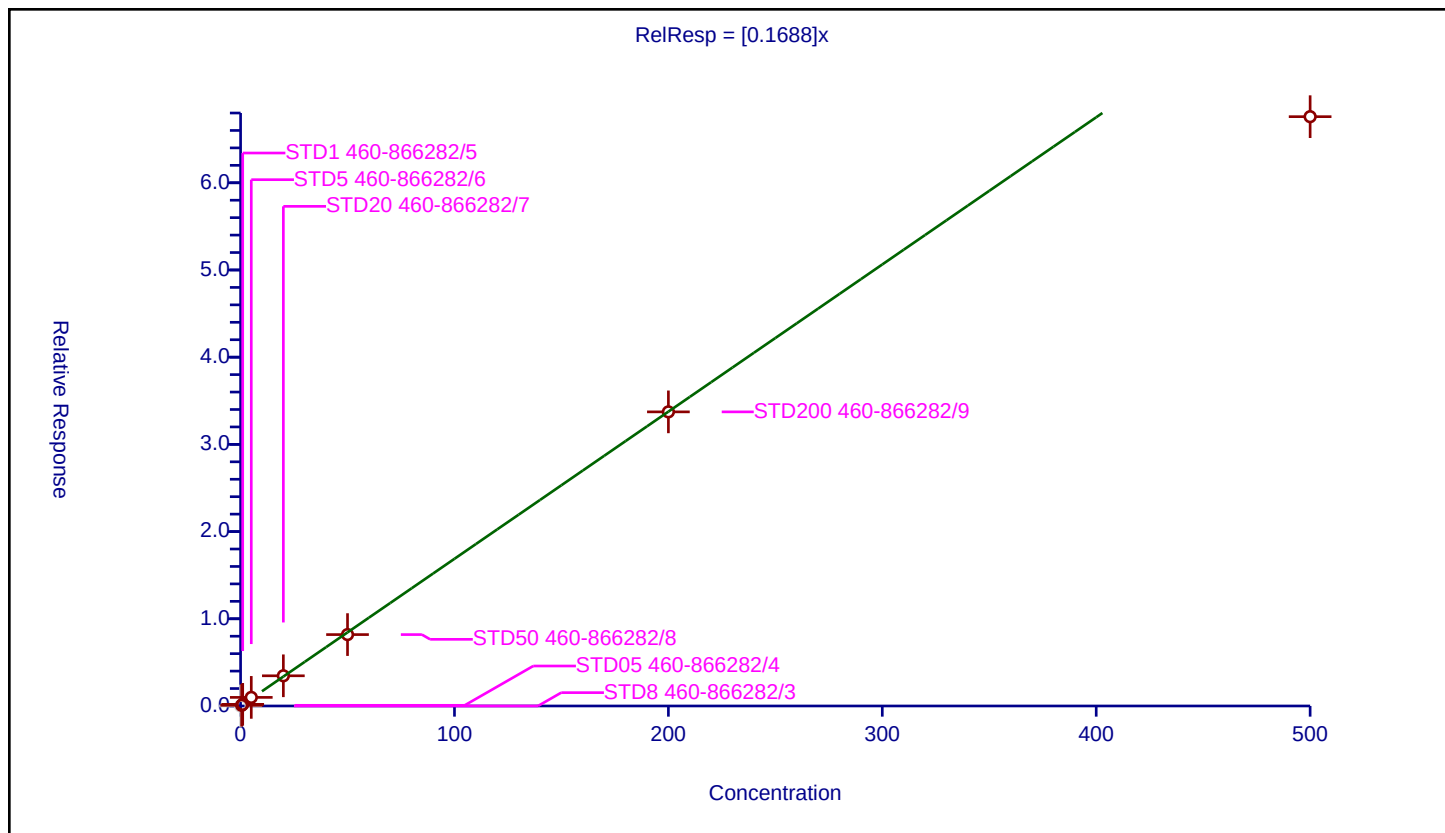
Curve Coefficients

Intercept: 0
 Slope: 0.1688

Error Coefficients

Standard Error: 449000
 Relative Standard Error: 12.1
 Correlation Coefficient: 0.994
 Coefficient of Determination (Adjusted): 0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	50.0	907957.0	NaN	N
2	STD05 460-866282/4	0.5	0.077842	50.0	694997.0	0.155684	Y
3	STD1 460-866282/5	1.0	0.188054	50.0	713093.0	0.188054	Y
4	STD5 460-866282/6	5.0	0.98525	50.0	718904.0	0.19705	Y
5	STD20 460-866282/7	20.0	3.462644	50.0	683264.0	0.173132	Y
6	STD50 460-866282/8	50.0	8.187	50.0	690717.0	0.16374	Y
7	STD200 460-866282/9	200.0	33.727172	50.0	705535.0	0.168636	Y
8	STD500 460-866282/10	500.0	67.580426	50.0	727909.0	0.135161	Y



Calibration

/ n-Propyl acetate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

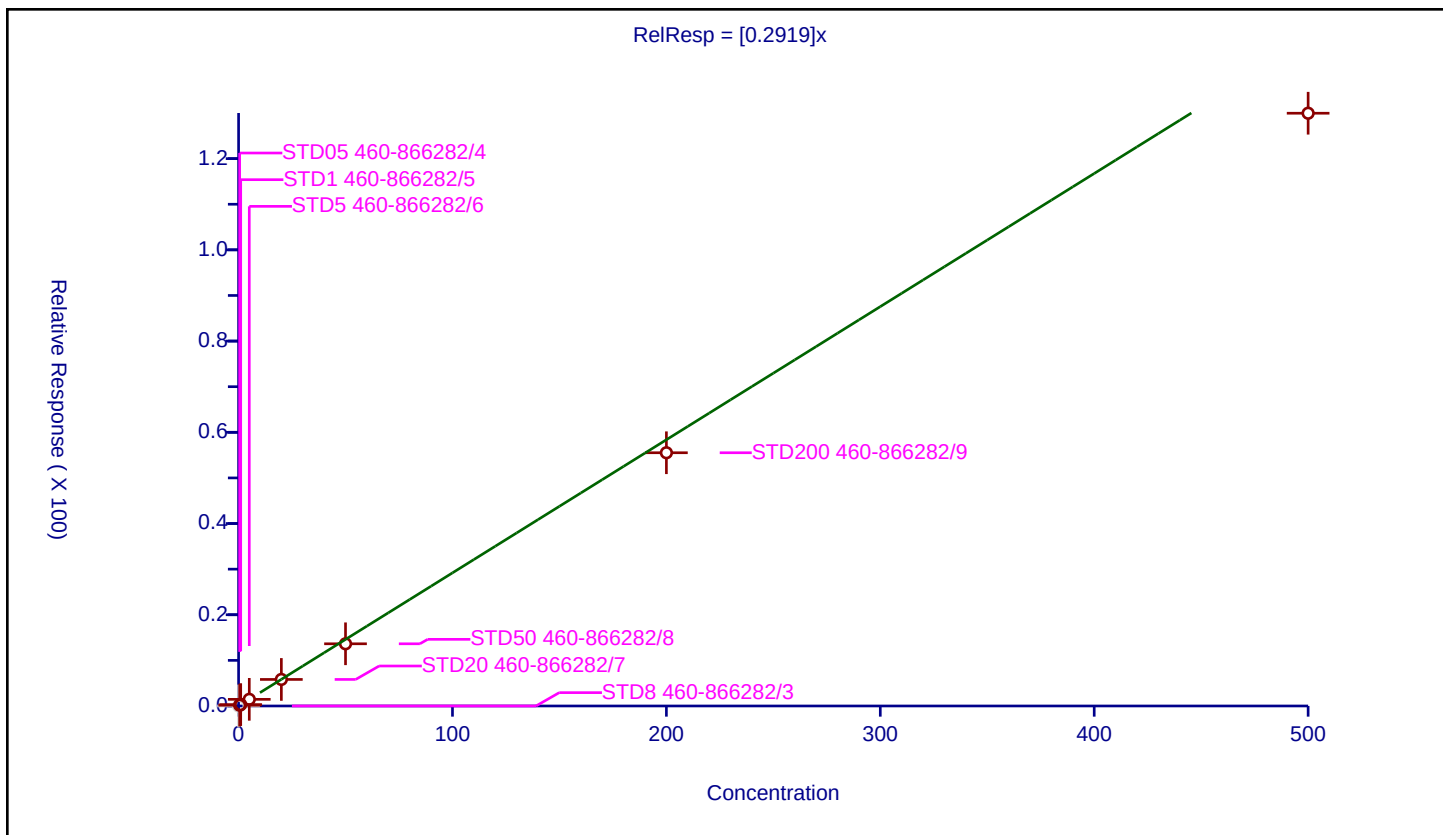
Curve Coefficients

Intercept: 0
 Slope: 0.2919

Error Coefficients

Standard Error: 840000
 Relative Standard Error: 9.7
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	50.0	907957.0	NaN	N
2	STD05 460-866282/4	0.5	0.173598	50.0	694997.0	0.347196	Y
3	STD1 460-866282/5	1.0	0.302695	50.0	713093.0	0.302695	Y
4	STD5 460-866282/6	5.0	1.459444	50.0	718904.0	0.291889	Y
5	STD20 460-866282/7	20.0	5.820737	50.0	683264.0	0.291037	Y
6	STD50 460-866282/8	50.0	13.633442	50.0	690717.0	0.272669	Y
7	STD200 460-866282/9	200.0	55.520775	50.0	705535.0	0.277604	Y
8	STD500 460-866282/10	500.0	129.953263	50.0	727909.0	0.259907	Y



Calibration

/ Dichlorobromomethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

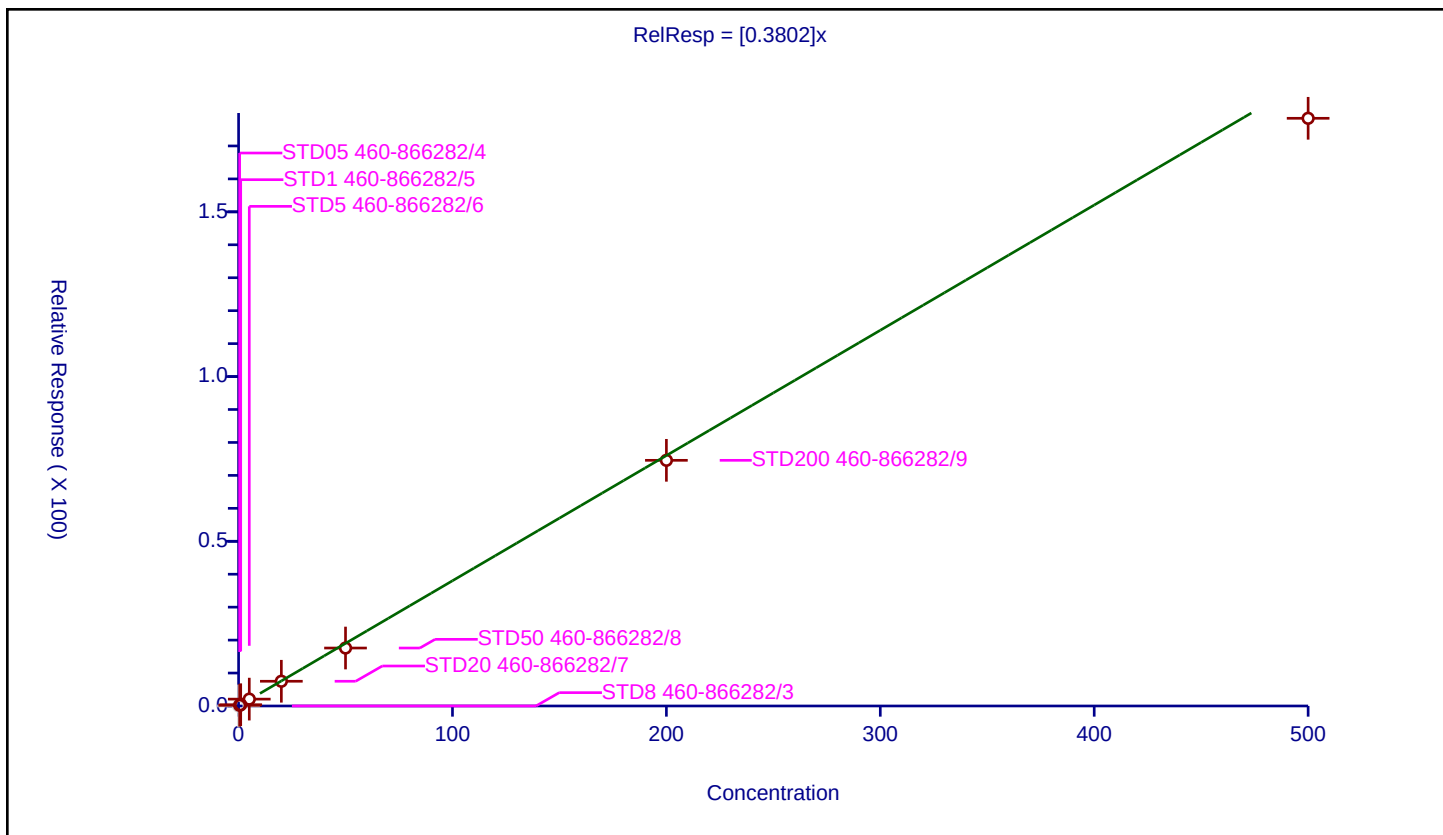
Curve Coefficients

Intercept: 0
Slope: 0.3802

Error Coefficients

Standard Error: 1150000
Relative Standard Error: 6.2
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	50.0	907957.0	NaN	N
2	STD05 460-866282/4	0.5	0.202807	50.0	694997.0	0.405613	Y
3	STD1 460-866282/5	1.0	0.382348	50.0	713093.0	0.382348	Y
4	STD5 460-866282/6	5.0	2.080528	50.0	718904.0	0.416106	Y
5	STD20 460-866282/7	20.0	7.511591	50.0	683264.0	0.37558	Y
6	STD50 460-866282/8	50.0	17.594254	50.0	690717.0	0.351885	Y
7	STD200 460-866282/9	200.0	74.573125	50.0	705535.0	0.372866	Y
8	STD500 460-866282/10	500.0	178.399292	50.0	727909.0	0.356799	Y



Calibration

/ 2-Nitropropane

Curve Type: Quadratic
 Weighting: None
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

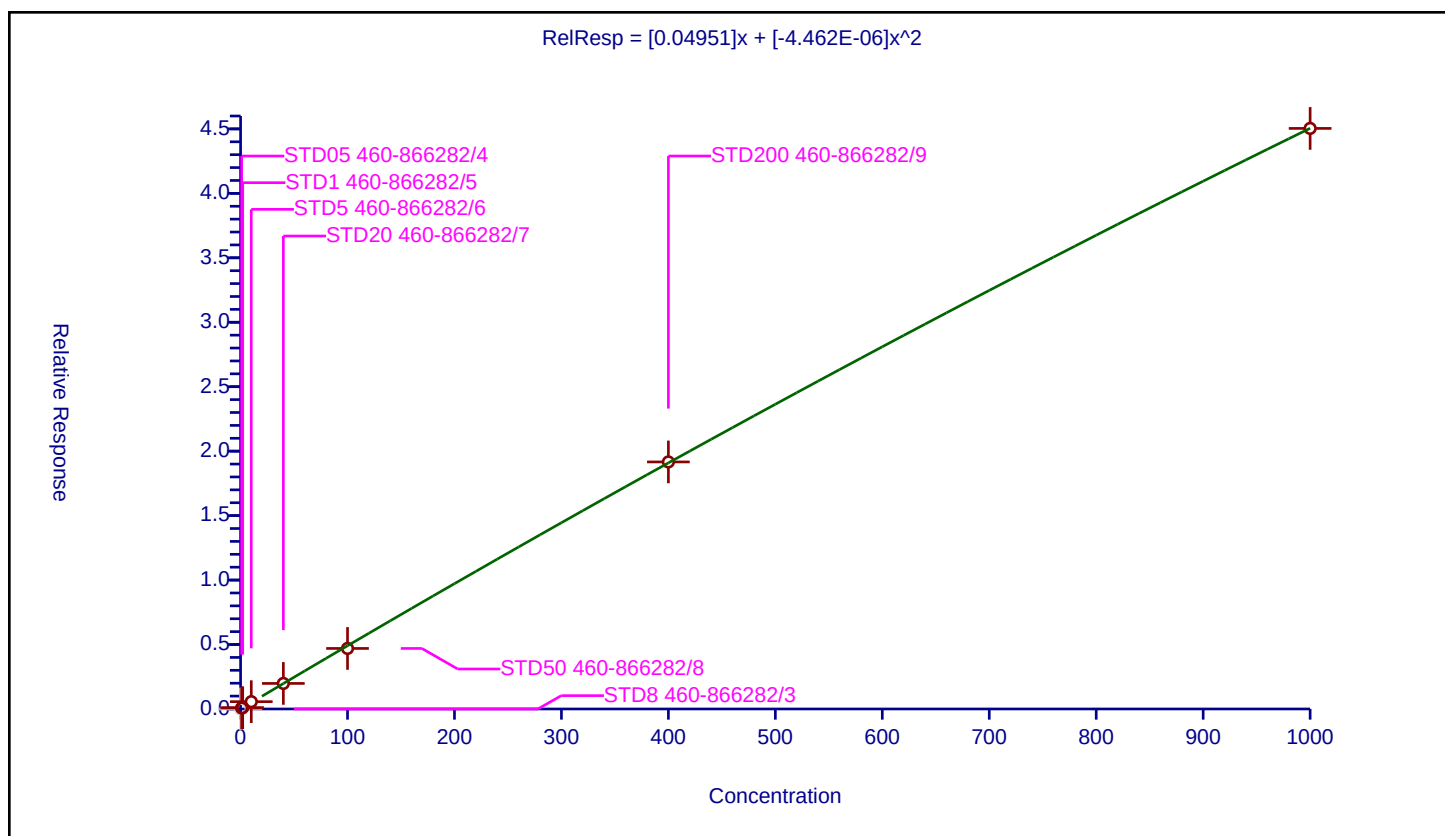
Curve Coefficients

Intercept: 0
 Slope: 0.04951
 Second Order: -4.462E-06

Error Coefficients

Standard Error: 319000
 Relative Standard Error: 26.8
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	50.0	907957.0	NaN	N
2	STD05 460-866282/4	1.0	0.078202	50.0	694997.0	0.078202	Y
3	STD1 460-866282/5	2.0	0.100548	50.0	713093.0	0.050274	Y
4	STD5 460-866282/6	10.0	0.568226	50.0	718904.0	0.056823	Y
5	STD20 460-866282/7	40.0	1.982323	50.0	683264.0	0.049558	Y
6	STD50 460-866282/8	100.0	4.696858	50.0	690717.0	0.046969	Y
7	STD200 460-866282/9	400.0	19.16418	50.0	705535.0	0.04791	Y
8	STD500 460-866282/10	1000.0	45.038459	50.0	727909.0	0.045038	Y



Calibration

/ 2-Chloroethyl vinyl ether

Curve Type: Linear
 Weighting: Conc_Sq
 Origin: None
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

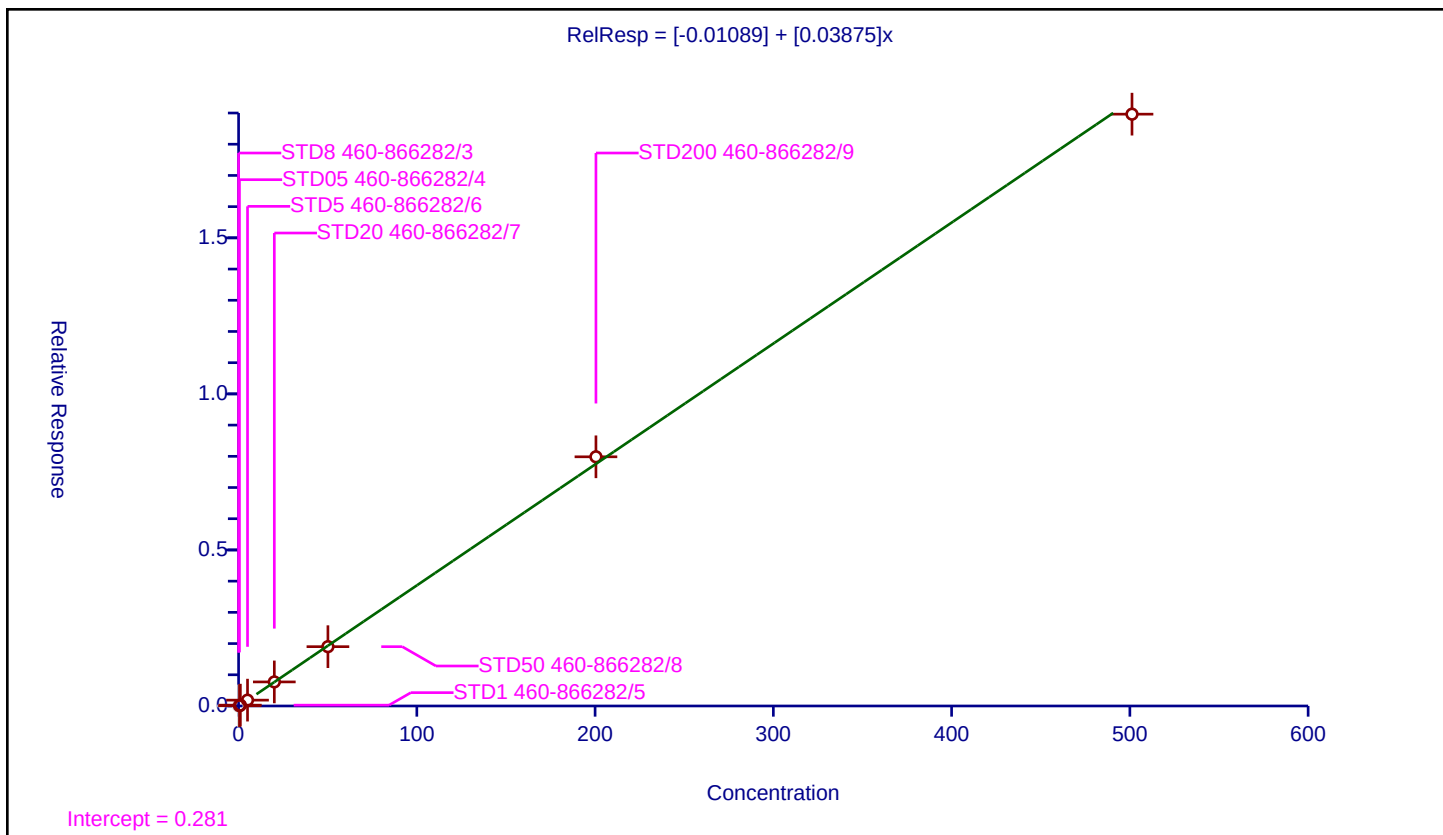
Curve Coefficients

Intercept: -0.01089
 Slope: 0.03875

Error Coefficients

Standard Error: 134000
 Relative Standard Error: 2.5
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	50.0	907957.0	NaN	N
2	STD05 460-866282/4	0.5012	0.008777	50.0	694997.0	0.017512	Y
3	STD1 460-866282/5	1.0024	0.026785	50.0	713093.0	0.026721	Y
4	STD5 460-866282/6	5.012	0.18716	50.0	718904.0	0.037342	Y
5	STD20 460-866282/7	20.048	0.771005	50.0	683264.0	0.038458	Y
6	STD50 460-866282/8	50.12	1.900489	50.0	690717.0	0.037919	Y
7	STD200 460-866282/9	200.48	7.984083	50.0	705535.0	0.039825	Y
8	STD500 460-866282/10	501.2	18.962879	50.0	727909.0	0.037835	Y



Calibration

/ Epichlorohydrin

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

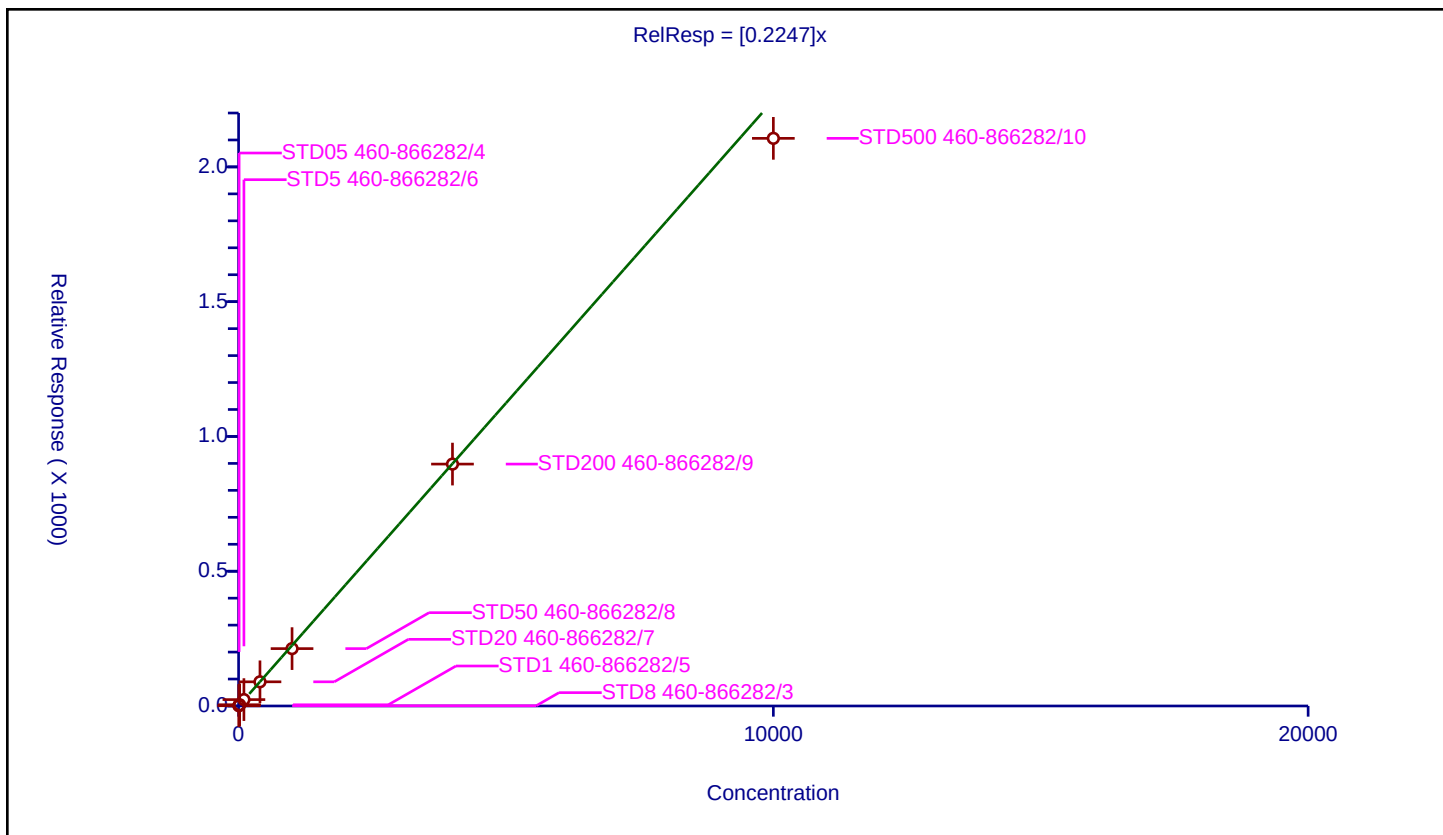
Curve Coefficients

Intercept: 0
 Slope: 0.2247

Error Coefficients

Standard Error: 1160000
 Relative Standard Error: 9.8
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	5.000009	0.974134	250.0	434232.0	0.194826	Y
2	STD05 460-866282/4	10.000017	2.691699	250.0	325445.0	0.269169	Y
3	STD1 460-866282/5	20.000035	4.494049	250.0	335833.0	0.224702	Y
4	STD5 460-866282/6	100.000173	23.709682	250.0	351270.0	0.237096	Y
5	STD20 460-866282/7	400.000692	89.725378	250.0	338611.0	0.224313	Y
6	STD50 460-866282/8	1000.00173	212.853118	250.0	333635.0	0.212853	Y
7	STD200 460-866282/9	4000.00692	897.497241	250.0	334391.0	0.224374	Y
8	STD500 460-866282/10	10000.0173	2106.052303	250.0	333022.0	0.210605	Y



Calibration

/ cis-1,3-Dichloropropene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

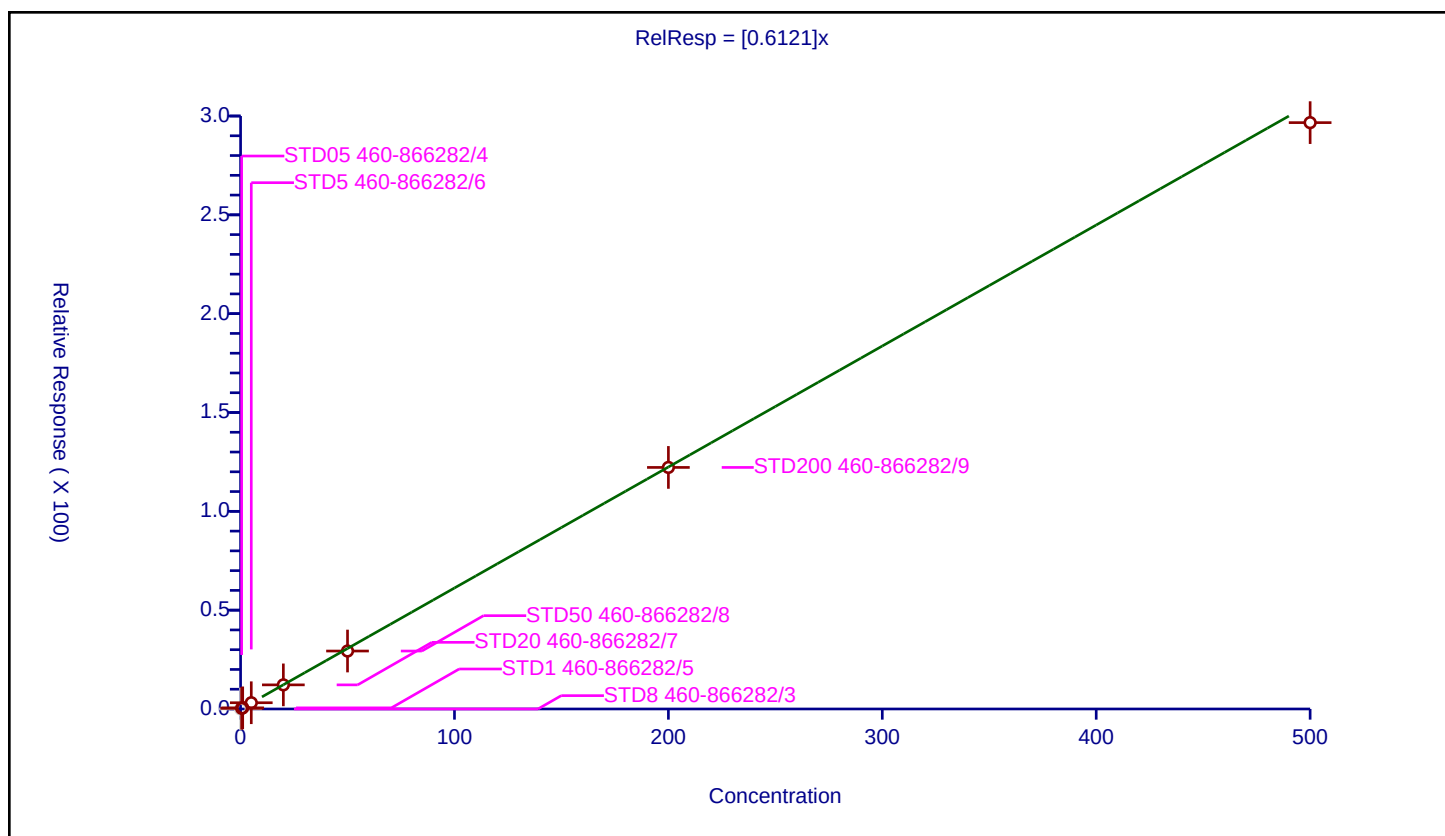
Curve Coefficients

Intercept: 0
 Slope: 0.6121

Error Coefficients

Standard Error: 1360000
 Relative Standard Error: 6.2
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	50.0	685177.0	NaN	N
2	STD05 460-866282/4	0.5	0.342329	50.0	540269.0	0.684659	Y
3	STD1 460-866282/5	1.0	0.567635	50.0	541193.0	0.567635	Y
4	STD5 460-866282/6	5.0	3.158897	50.0	545491.0	0.631779	Y
5	STD20 460-866282/7	20.0	12.198136	50.0	497244.0	0.609907	Y
6	STD50 460-866282/8	50.0	29.324039	50.0	512692.0	0.586481	Y
7	STD200 460-866282/9	200.0	122.208126	50.0	521415.0	0.611041	Y
8	STD500 460-866282/10	500.0	296.651912	50.0	518027.0	0.593304	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

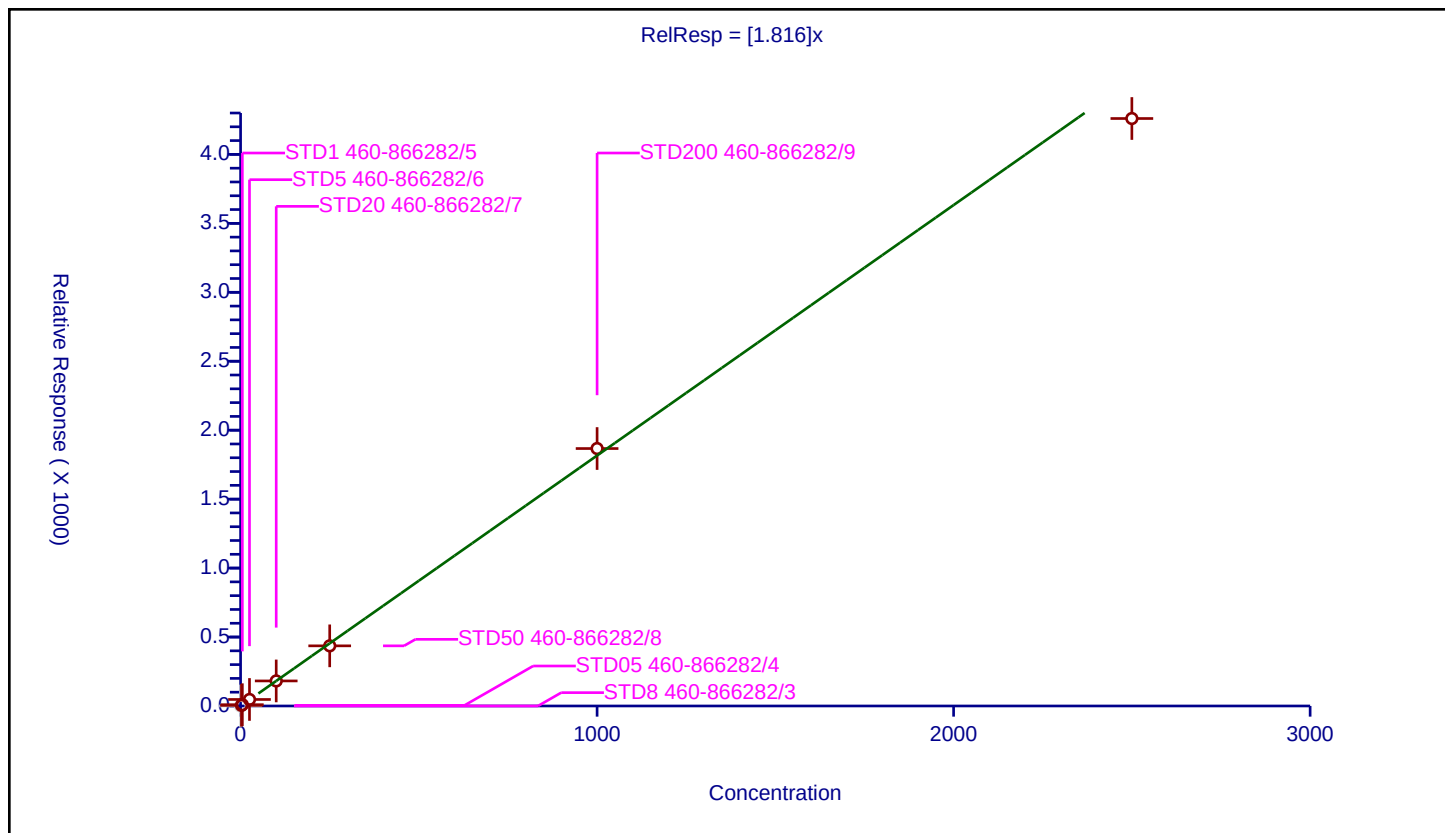
Curve Coefficients

Intercept: 0
 Slope: 1.816

Error Coefficients

Standard Error: 2540000
 Relative Standard Error: 3.9
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	250.0	434232.0	NaN	N
2	STD05 460-866282/4	2.5	4.533024	250.0	325445.0	1.81321	Y
3	STD1 460-866282/5	5.0	9.389339	250.0	335833.0	1.877868	Y
4	STD5 460-866282/6	25.0	47.252114	250.0	351270.0	1.890085	Y
5	STD20 460-866282/7	100.0	181.656827	250.0	338611.0	1.816568	Y
6	STD50 460-866282/8	250.0	436.166769	250.0	333635.0	1.744667	Y
7	STD200 460-866282/9	1000.0	1867.02169	250.0	334391.0	1.867022	Y
8	STD500 460-866282/10	2500.0	4260.210286	250.0	333022.0	1.704084	Y



Calibration

/ Toluene-d8 (Surr)

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

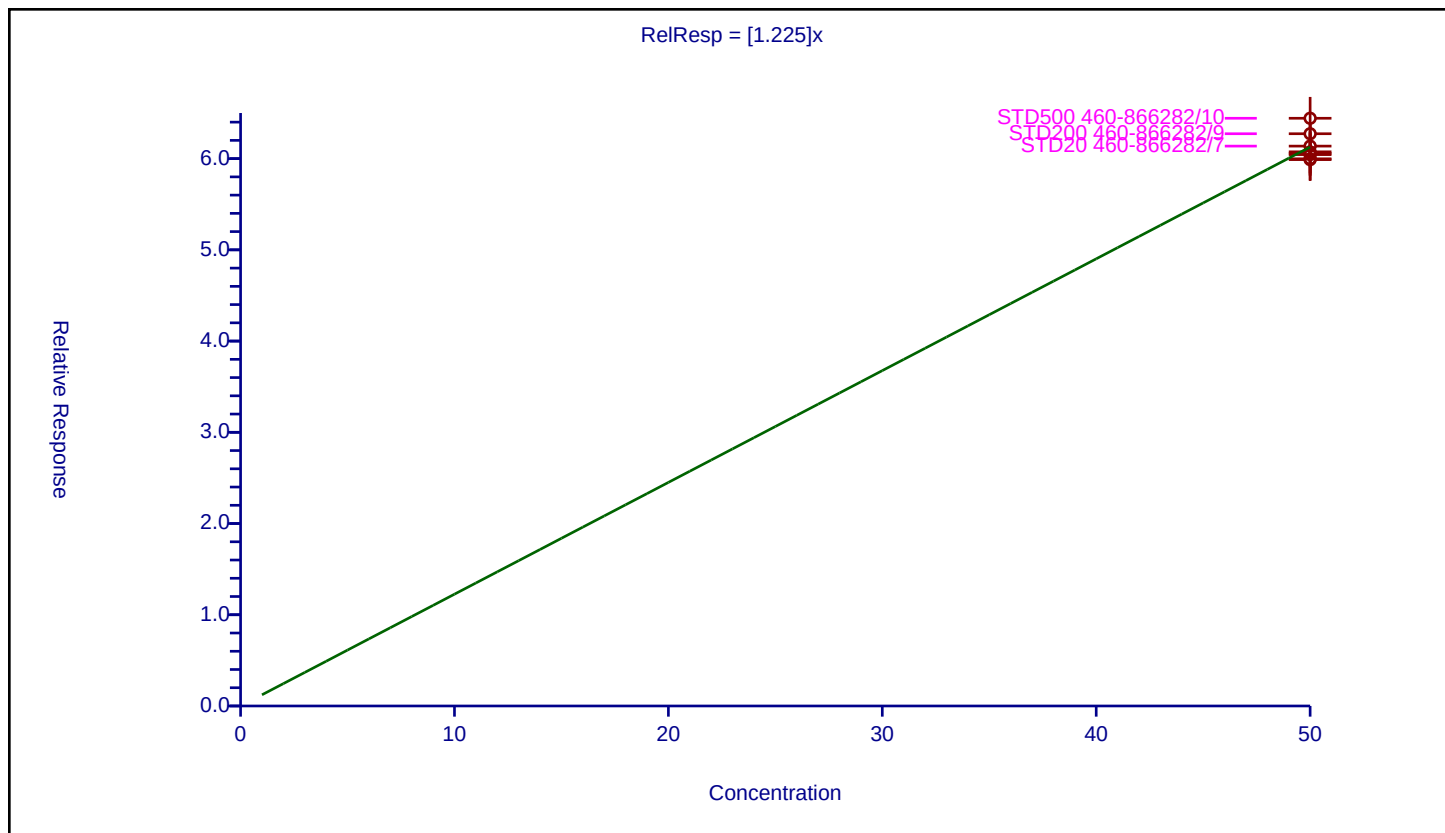
Curve Coefficients

Intercept: 0
 Slope: 1.225

Error Coefficients

Standard Error: 716000
 Relative Standard Error: 2.6
 Correlation Coefficient: 0
 Coefficient of Determination (Adjusted): 0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	50.0	59.889269	50.0	685177.0	1.197785	Y
2	STD05 460-866282/4	50.0	60.571215	50.0	540269.0	1.211424	Y
3	STD1 460-866282/5	50.0	59.981836	50.0	541193.0	1.199637	Y
4	STD5 460-866282/6	50.0	60.747565	50.0	545491.0	1.214951	Y
5	STD20 460-866282/7	50.0	61.37339	50.0	497244.0	1.227468	Y
6	STD50 460-866282/8	50.0	60.439504	50.0	512692.0	1.20879	Y
7	STD200 460-866282/9	50.0	62.728057	50.0	521415.0	1.254561	Y
8	STD500 460-866282/10	50.0	64.423573	50.0	518027.0	1.288471	Y



Calibration

/ Toluene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

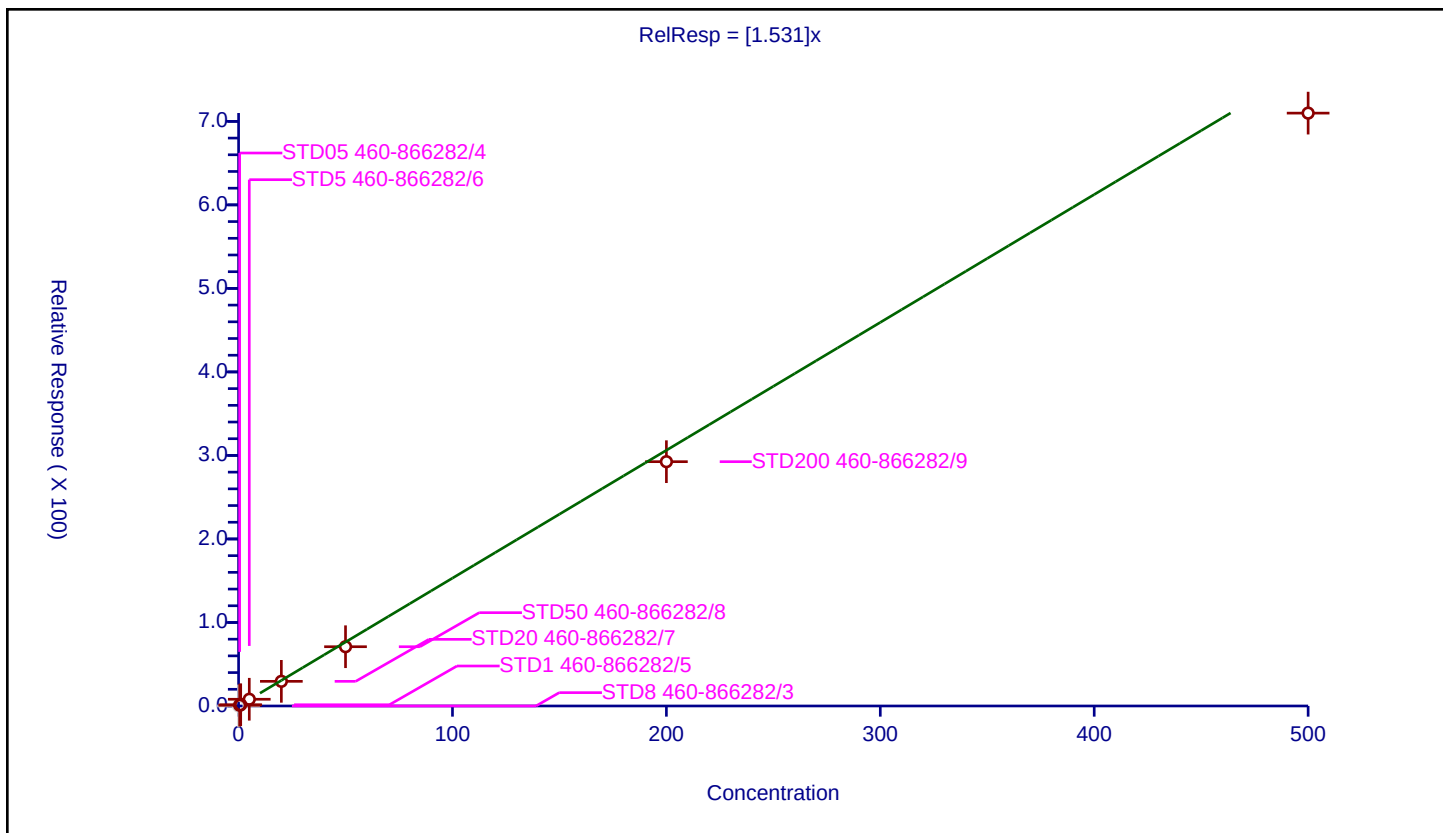
Curve Coefficients

Intercept: 0
 Slope: 1.531

Error Coefficients

Standard Error: 3270000
 Relative Standard Error: 10.1
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	50.0	685177.0	NaN	N
2	STD05 460-866282/4	0.5	0.925835	50.0	540269.0	1.85167	Y
3	STD1 460-866282/5	1.0	1.47683	50.0	541193.0	1.47683	Y
4	STD5 460-866282/6	5.0	8.053937	50.0	545491.0	1.610787	Y
5	STD20 460-866282/7	20.0	29.516093	50.0	497244.0	1.475805	Y
6	STD50 460-866282/8	50.0	70.972436	50.0	512692.0	1.419449	Y
7	STD200 460-866282/9	200.0	292.533682	50.0	521415.0	1.462668	Y
8	STD500 460-866282/10	500.0	709.885489	50.0	518027.0	1.419771	Y



Calibration

/ trans-1,3-Dichloropropene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

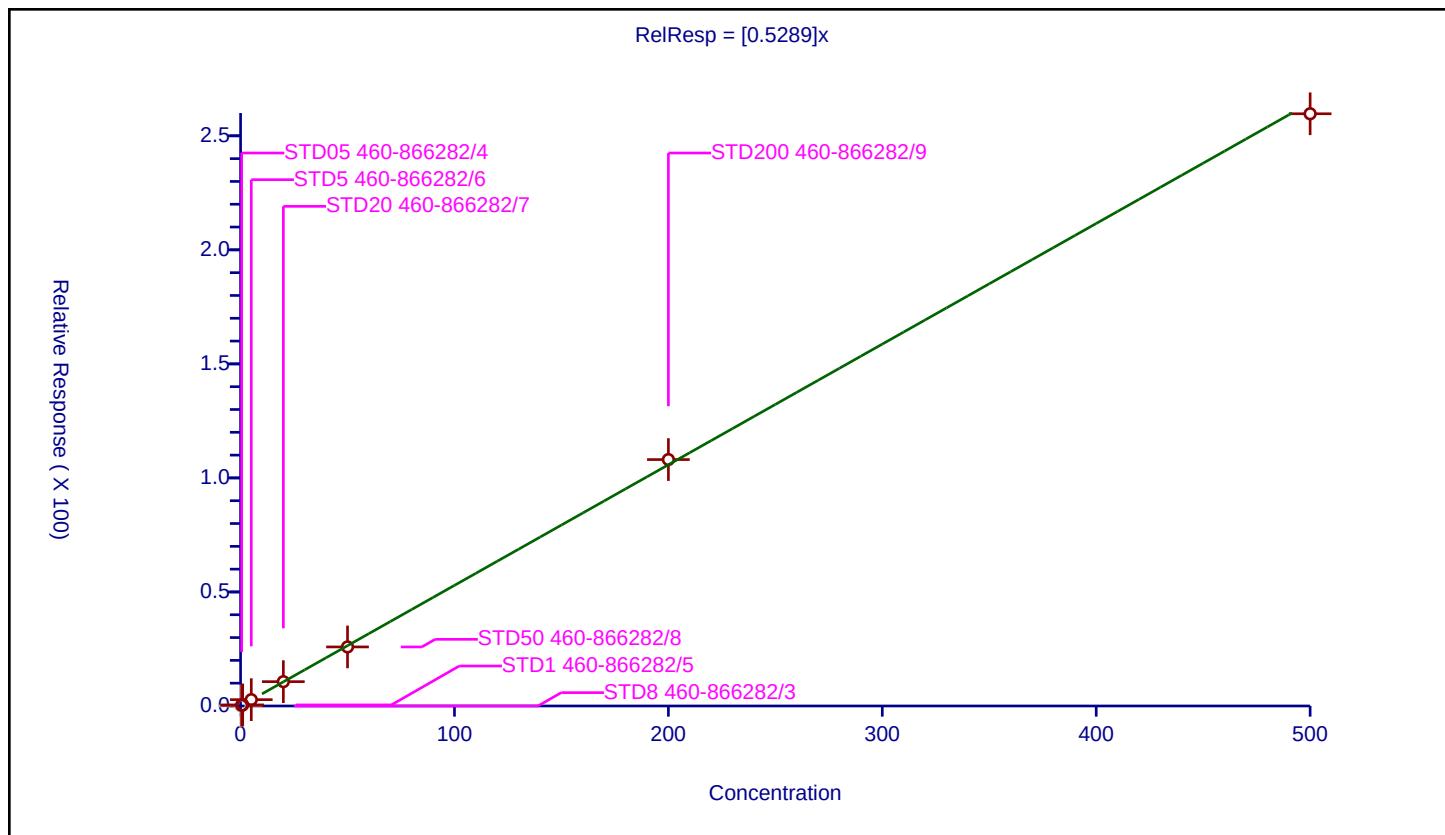
Curve Coefficients

Intercept: 0
 Slope: 0.5289

Error Coefficients

Standard Error: 1200000
 Relative Standard Error: 6.1
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	50.0	685177.0	NaN	N
2	STD05 460-866282/4	0.5	0.284395	50.0	540269.0	0.568791	Y
3	STD1 460-866282/5	1.0	0.468225	50.0	541193.0	0.468225	Y
4	STD5 460-866282/6	5.0	2.772731	50.0	545491.0	0.554546	Y
5	STD20 460-866282/7	20.0	10.665689	50.0	497244.0	0.533284	Y
6	STD50 460-866282/8	50.0	25.897517	50.0	512692.0	0.51795	Y
7	STD200 460-866282/9	200.0	108.039757	50.0	521415.0	0.540199	Y
8	STD500 460-866282/10	500.0	259.673724	50.0	518027.0	0.519347	Y



Calibration

/ Ethyl methacrylate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

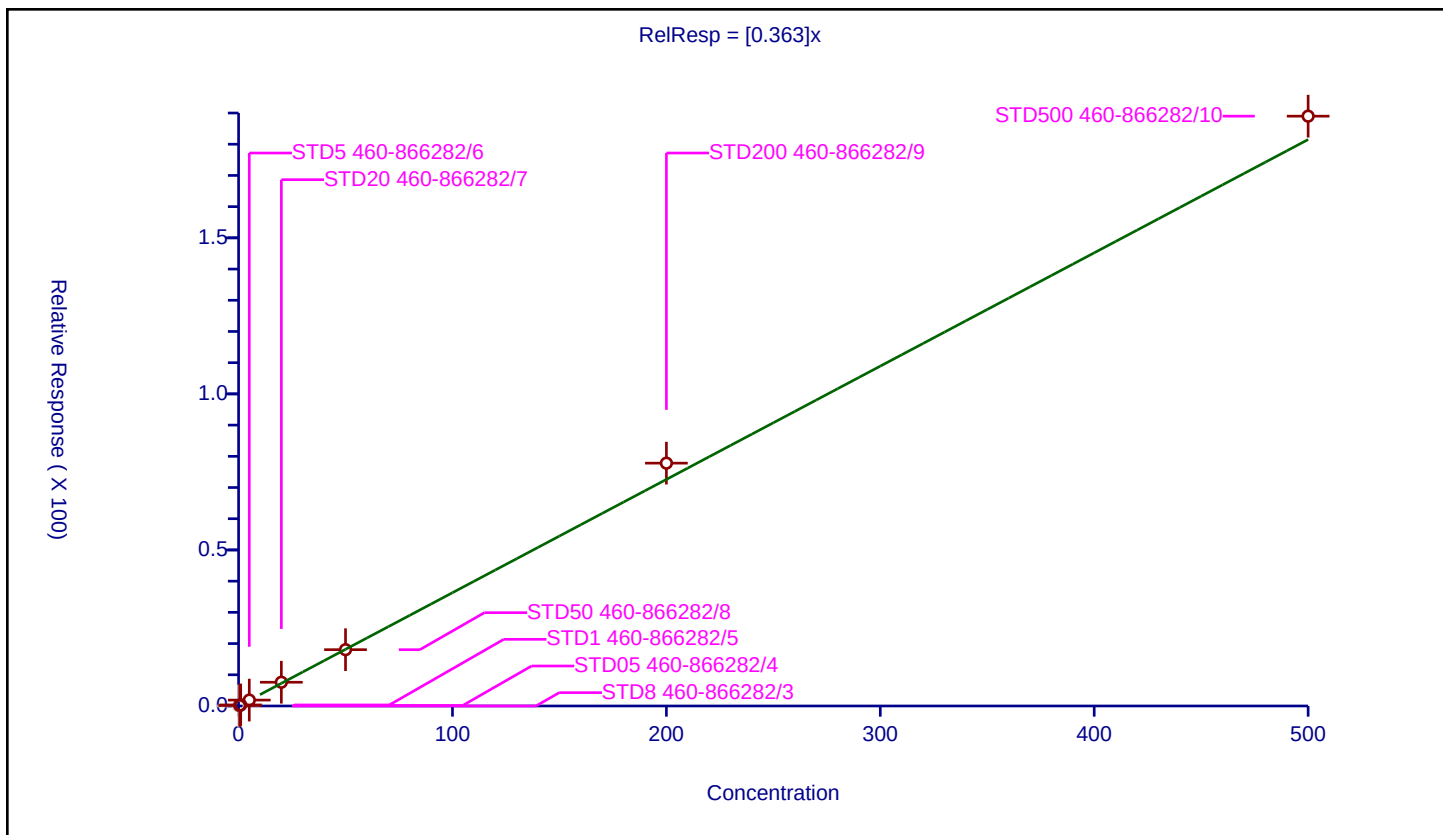
Curve Coefficients

Intercept: 0
 Slope: 0.363

Error Coefficients

Standard Error: 869000
 Relative Standard Error: 7.3
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	50.0	685177.0	NaN	N
2	STD05 460-866282/4	0.5	0.158995	50.0	540269.0	0.31799	Y
3	STD1 460-866282/5	1.0	0.335832	50.0	541193.0	0.335832	Y
4	STD5 460-866282/6	5.0	1.894165	50.0	545491.0	0.378833	Y
5	STD20 460-866282/7	20.0	7.609443	50.0	497244.0	0.380472	Y
6	STD50 460-866282/8	50.0	18.041144	50.0	512692.0	0.360823	Y
7	STD200 460-866282/9	200.0	77.812299	50.0	521415.0	0.389061	Y
8	STD500 460-866282/10	500.0	188.990149	50.0	518027.0	0.37798	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

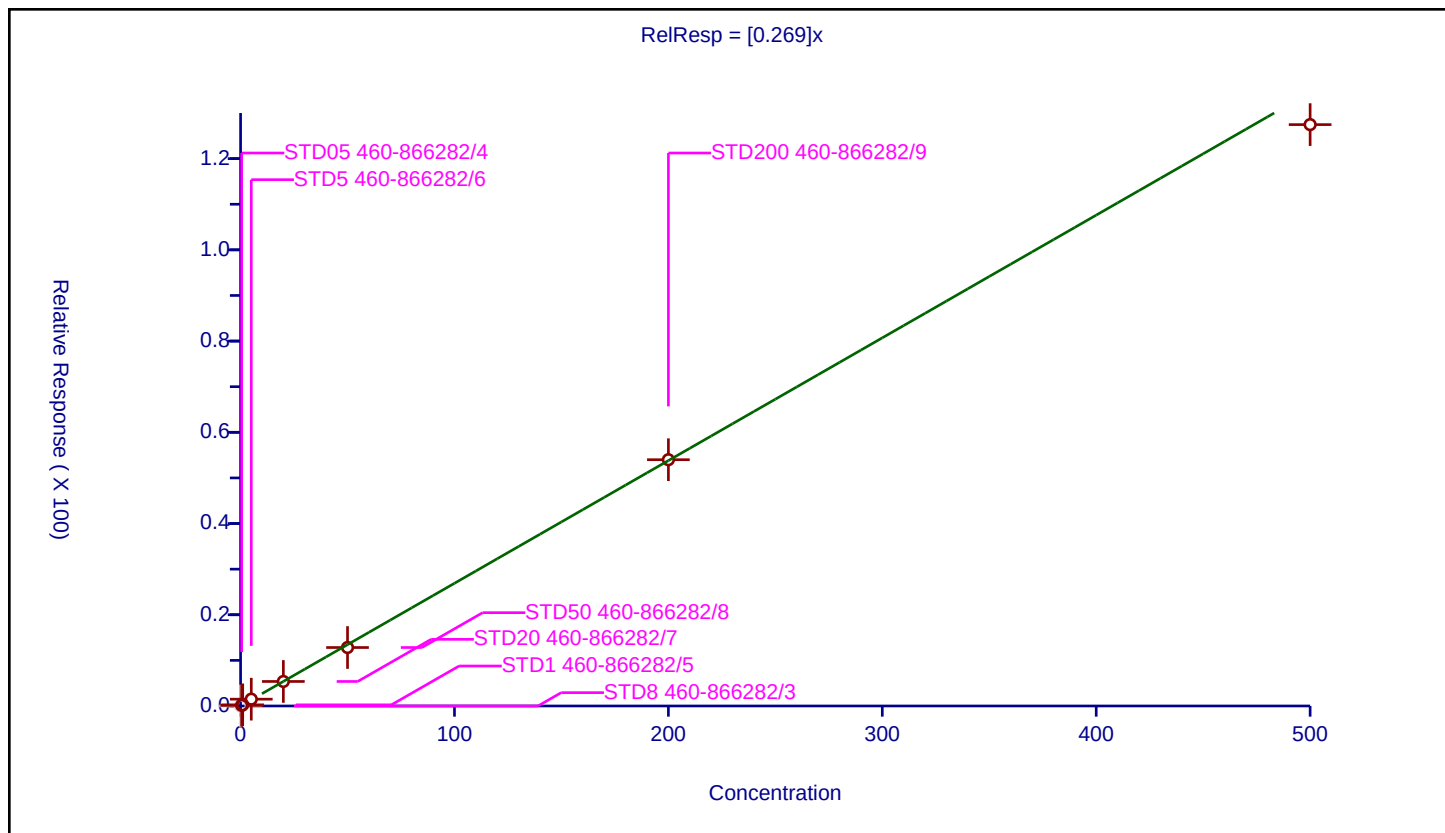
Curve Coefficients

Intercept: 0
Slope: 0.269

Error Coefficients

Standard Error: 589000
Relative Standard Error: 5.8
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	50.0	685177.0	NaN	N
2	STD05 460-866282/4	0.5	0.139097	50.0	540269.0	0.278195	Y
3	STD1 460-866282/5	1.0	0.256378	50.0	541193.0	0.256378	Y
4	STD5 460-866282/6	5.0	1.493517	50.0	545491.0	0.298703	Y
5	STD20 460-866282/7	20.0	5.373217	50.0	497244.0	0.268661	Y
6	STD50 460-866282/8	50.0	12.81988	50.0	512692.0	0.256398	Y
7	STD200 460-866282/9	200.0	53.991446	50.0	521415.0	0.269957	Y
8	STD500 460-866282/10	500.0	127.458993	50.0	518027.0	0.254918	Y



Calibration

/ Tetrachloroethene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

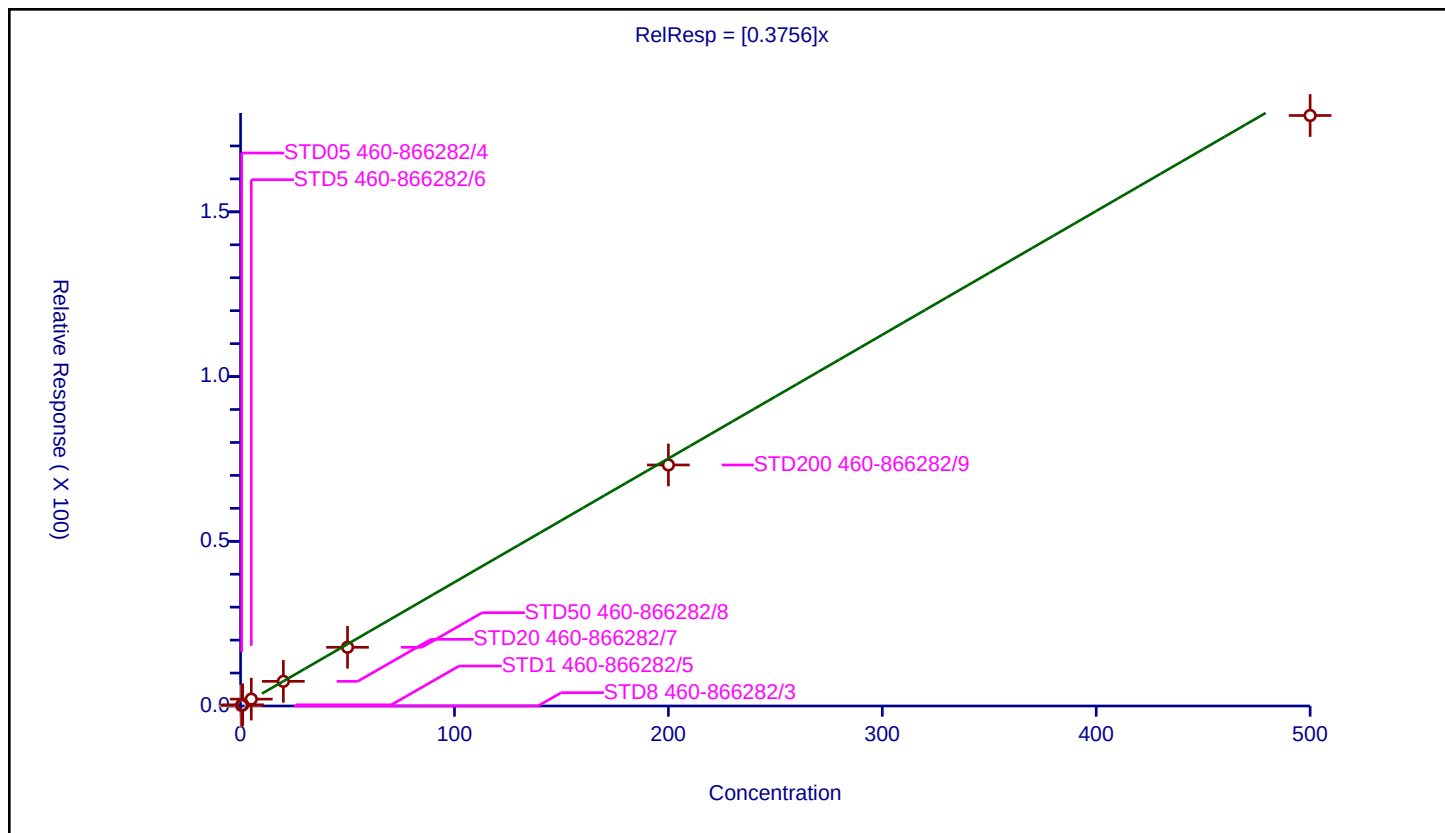
Curve Coefficients

Intercept: 0
Slope: 0.3756

Error Coefficients

Standard Error: 824000
Relative Standard Error: 6.2
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	50.0	685177.0	NaN	N
2	STD05 460-866282/4	0.5	0.19879	50.0	540269.0	0.39758	Y
3	STD1 460-866282/5	1.0	0.359853	50.0	541193.0	0.359853	Y
4	STD5 460-866282/6	5.0	2.085827	50.0	545491.0	0.417165	Y
5	STD20 460-866282/7	20.0	7.48003	50.0	497244.0	0.374001	Y
6	STD50 460-866282/8	50.0	17.823176	50.0	512692.0	0.356464	Y
7	STD200 460-866282/9	200.0	73.163123	50.0	521415.0	0.365816	Y
8	STD500 460-866282/10	500.0	179.249248	50.0	518027.0	0.358498	Y



Calibration

/ 1,3-Dichloropropane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

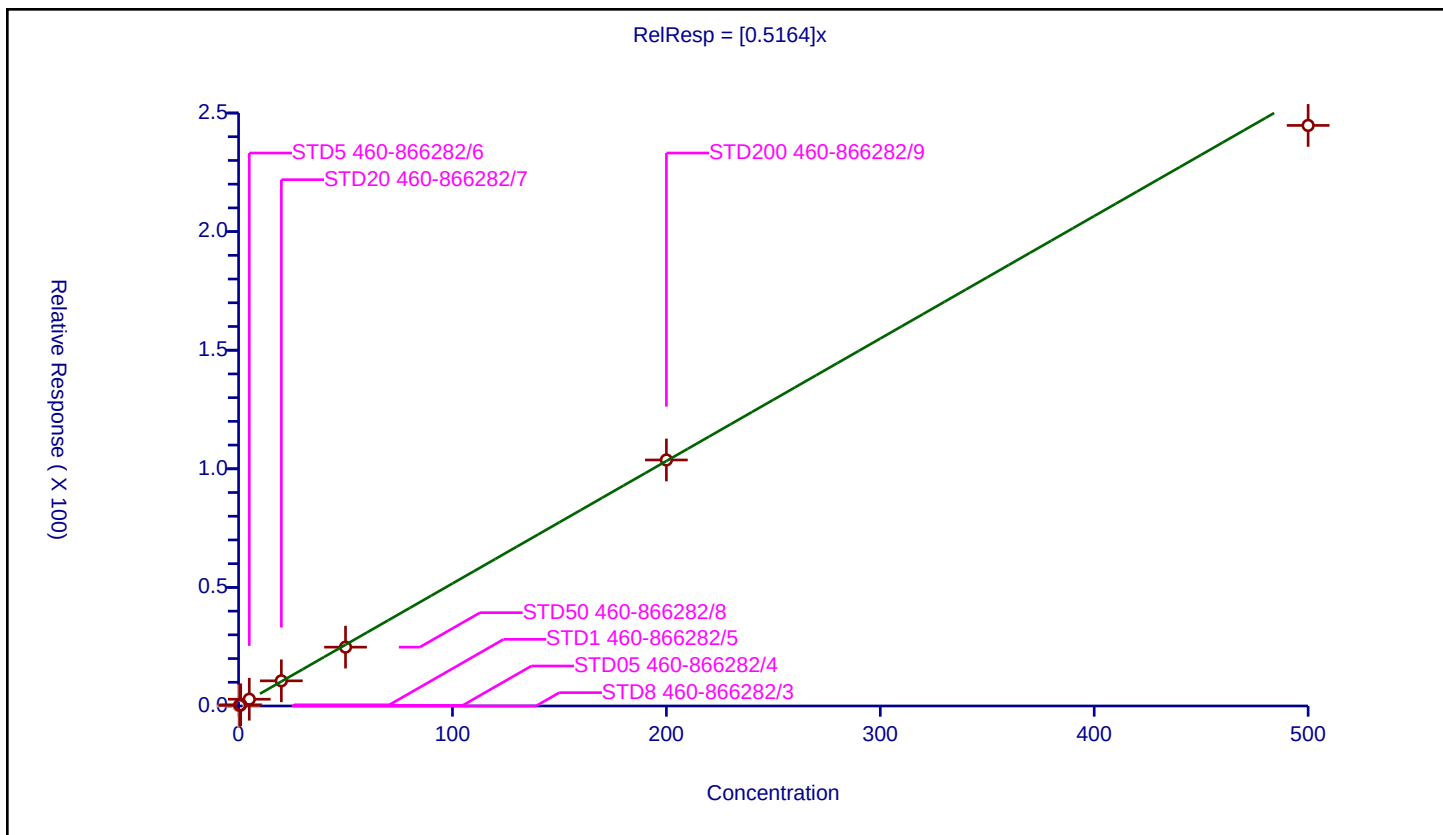
Curve Coefficients

Intercept: 0
 Slope: 0.5164

Error Coefficients

Standard Error: 1130000
 Relative Standard Error: 5.3
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	50.0	685177.0	NaN	N
2	STD05 460-866282/4	0.5	0.255336	50.0	540269.0	0.510672	Y
3	STD1 460-866282/5	1.0	0.499822	50.0	541193.0	0.499822	Y
4	STD5 460-866282/6	5.0	2.84771	50.0	545491.0	0.569542	Y
5	STD20 460-866282/7	20.0	10.607368	50.0	497244.0	0.530368	Y
6	STD50 460-866282/8	50.0	24.809925	50.0	512692.0	0.496198	Y
7	STD200 460-866282/9	200.0	103.717672	50.0	521415.0	0.518588	Y
8	STD500 460-866282/10	500.0	244.769578	50.0	518027.0	0.489539	Y



Calibration

/ 2-Hexanone

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

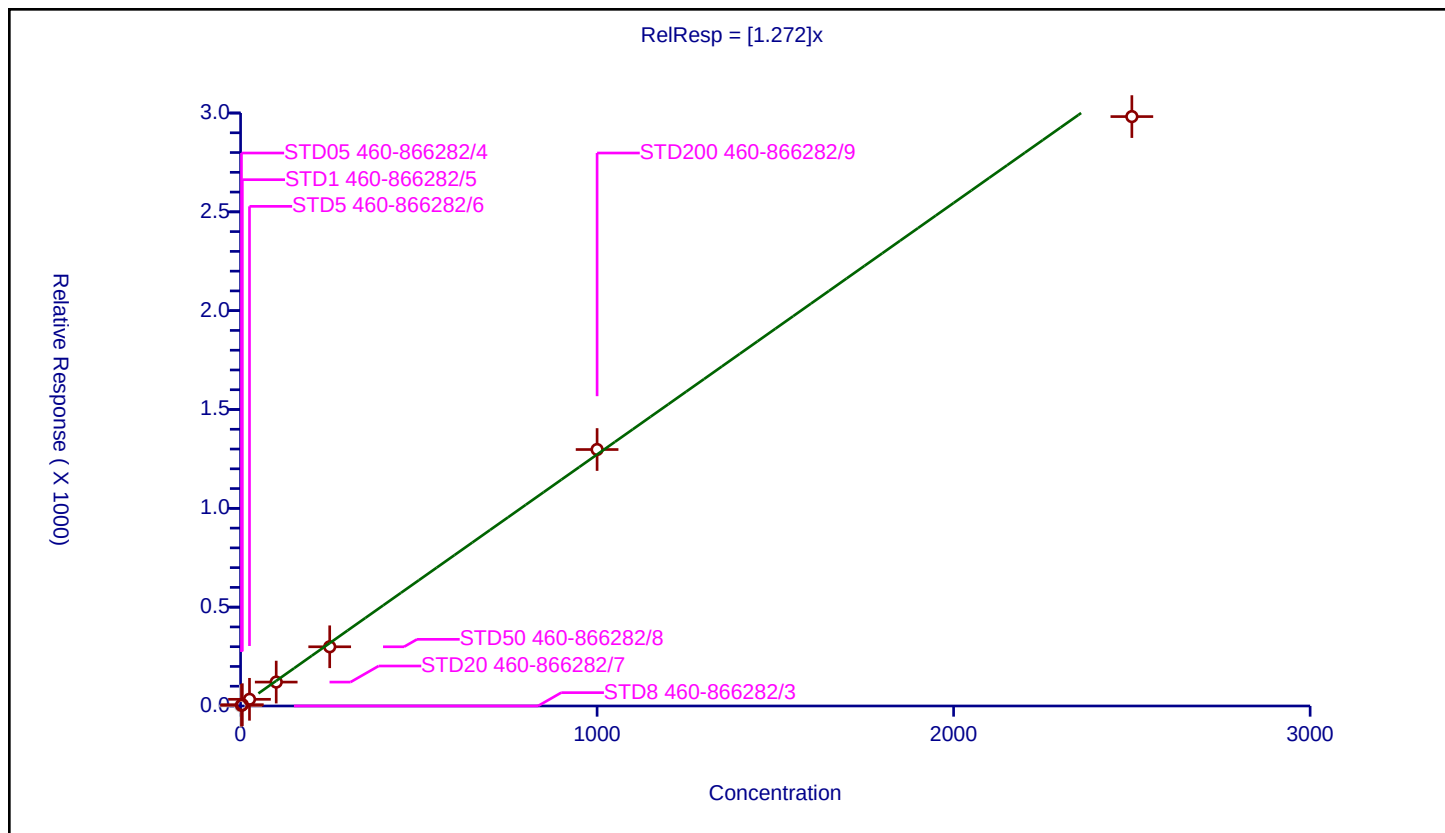
Curve Coefficients

Intercept: 0
 Slope: 1.272

Error Coefficients

Standard Error: 1780000
 Relative Standard Error: 5.6
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	250.0	434232.0	NaN	N
2	STD05 460-866282/4	2.5	3.389974	250.0	325445.0	1.355989	Y
3	STD1 460-866282/5	5.0	6.502488	250.0	335833.0	1.300498	Y
4	STD5 460-866282/6	25.0	33.800211	250.0	351270.0	1.352008	Y
5	STD20 460-866282/7	100.0	120.998727	250.0	338611.0	1.209987	Y
6	STD50 460-866282/8	250.0	299.566143	250.0	333635.0	1.198265	Y
7	STD200 460-866282/9	1000.0	1297.526698	250.0	334391.0	1.297527	Y
8	STD500 460-866282/10	2500.0	2981.872069	250.0	333022.0	1.192749	Y



Calibration

/ n-Butyl acetate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

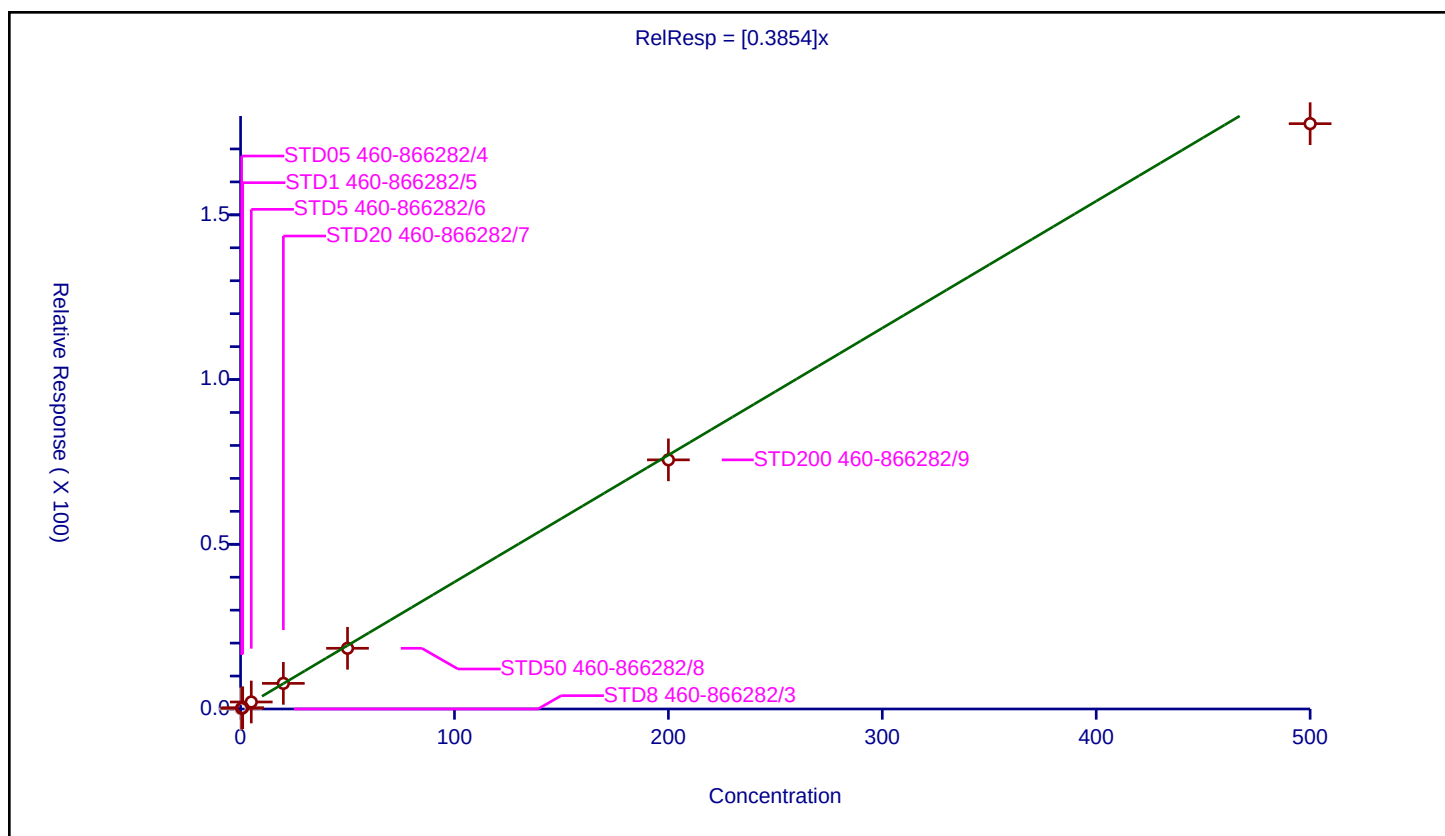
Curve Coefficients

Intercept: 0
 Slope: 0.3854

Error Coefficients

Standard Error: 822000
 Relative Standard Error: 5.7
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	50.0	685177.0	NaN	N
2	STD05 460-866282/4	0.5	0.197957	50.0	540269.0	0.395914	Y
3	STD1 460-866282/5	1.0	0.386276	50.0	541193.0	0.386276	Y
4	STD5 460-866282/6	5.0	2.124416	50.0	545491.0	0.424883	Y
5	STD20 460-866282/7	20.0	7.77214	50.0	497244.0	0.388607	Y
6	STD50 460-866282/8	50.0	18.429193	50.0	512692.0	0.368584	Y
7	STD200 460-866282/9	200.0	75.629297	50.0	521415.0	0.378146	Y
8	STD500 460-866282/10	500.0	177.677032	50.0	518027.0	0.355354	Y



Calibration

/ Chlorodibromomethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

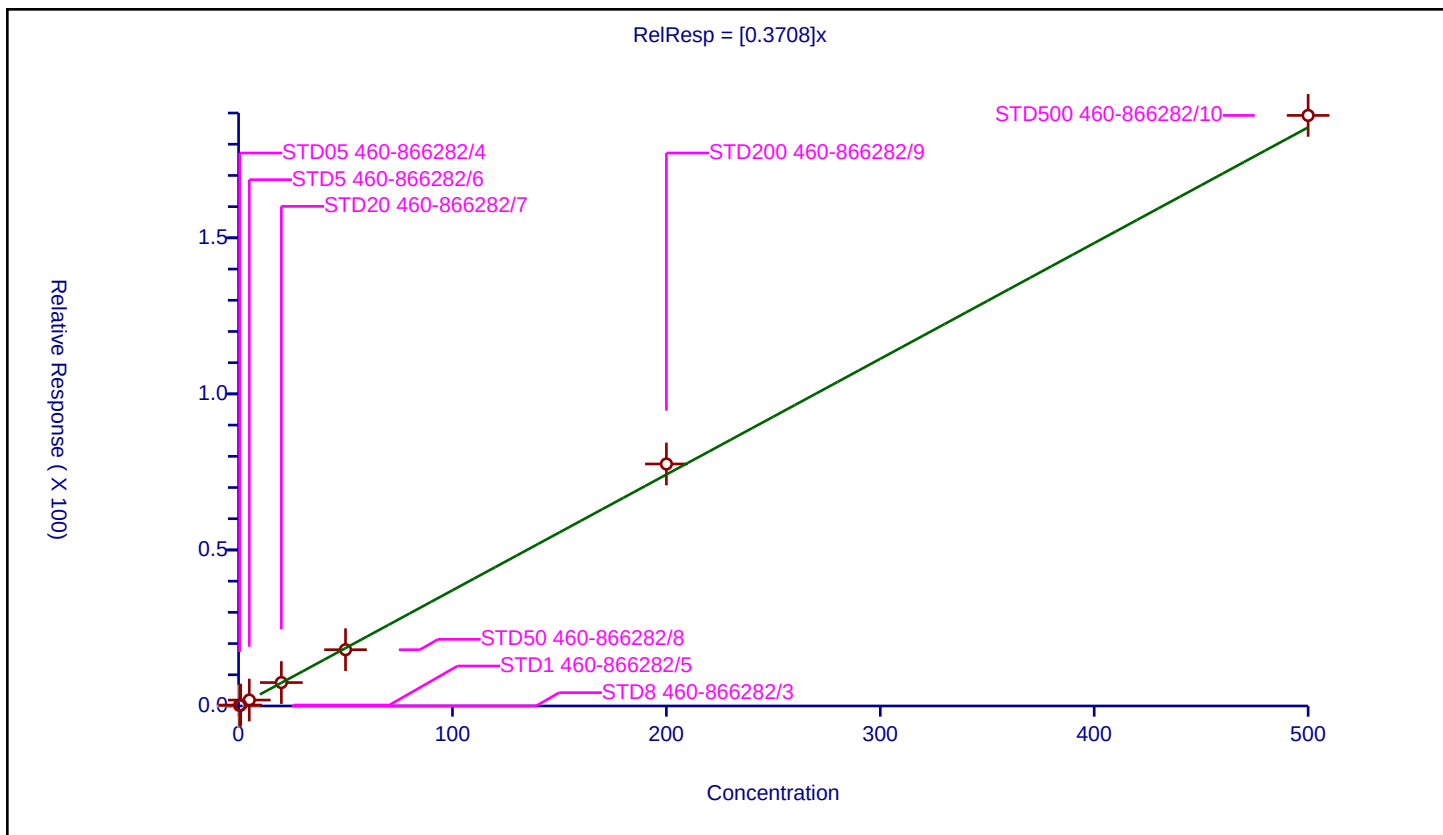
Curve Coefficients

Intercept: 0
 Slope: 0.3708

Error Coefficients

Standard Error: 870000
 Relative Standard Error: 9.4
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	50.0	685177.0	NaN	N
2	STD05 460-866282/4	0.5	0.206286	50.0	540269.0	0.412572	Y
3	STD1 460-866282/5	1.0	0.30017	50.0	541193.0	0.30017	Y
4	STD5 460-866282/6	5.0	1.904614	50.0	545491.0	0.380923	Y
5	STD20 460-866282/7	20.0	7.502454	50.0	497244.0	0.375123	Y
6	STD50 460-866282/8	50.0	18.028953	50.0	512692.0	0.360579	Y
7	STD200 460-866282/9	200.0	77.54869	50.0	521415.0	0.387743	Y
8	STD500 460-866282/10	500.0	189.23338	50.0	518027.0	0.378467	Y



Calibration

/ Ethylene Dibromide

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

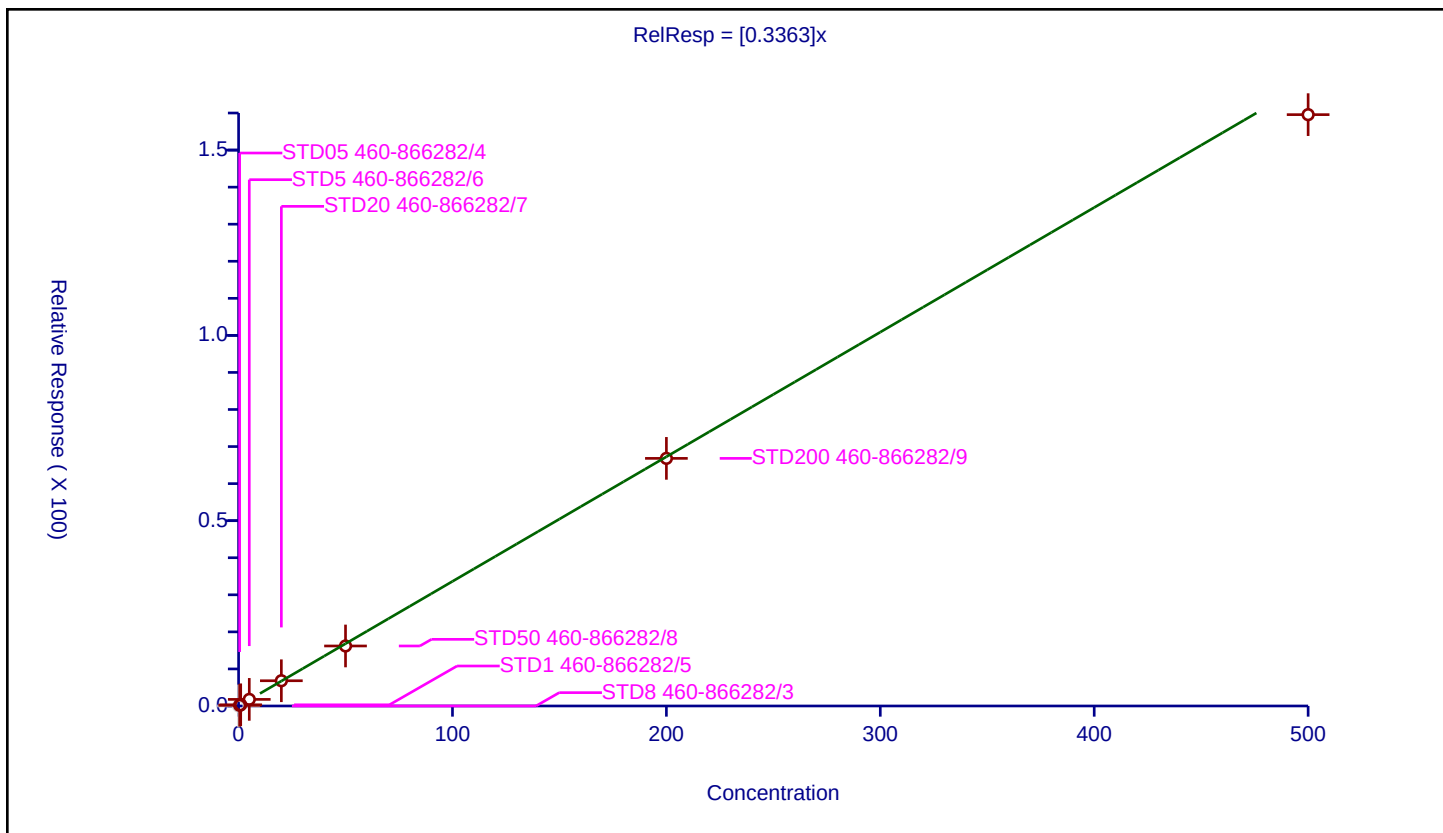
Curve Coefficients

Intercept: 0
 Slope: 0.3363

Error Coefficients

Standard Error: 736000
 Relative Standard Error: 5.1
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	50.0	685177.0	NaN	N
2	STD05 460-866282/4	0.5	0.180466	50.0	540269.0	0.360931	Y
3	STD1 460-866282/5	1.0	0.318833	50.0	541193.0	0.318833	Y
4	STD5 460-866282/6	5.0	1.782981	50.0	545491.0	0.356596	Y
5	STD20 460-866282/7	20.0	6.809031	50.0	497244.0	0.340452	Y
6	STD50 460-866282/8	50.0	16.190715	50.0	512692.0	0.323814	Y
7	STD200 460-866282/9	200.0	66.810698	50.0	521415.0	0.334053	Y
8	STD500 460-866282/10	500.0	159.55983	50.0	518027.0	0.31912	Y



Calibration

/ Chlorobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

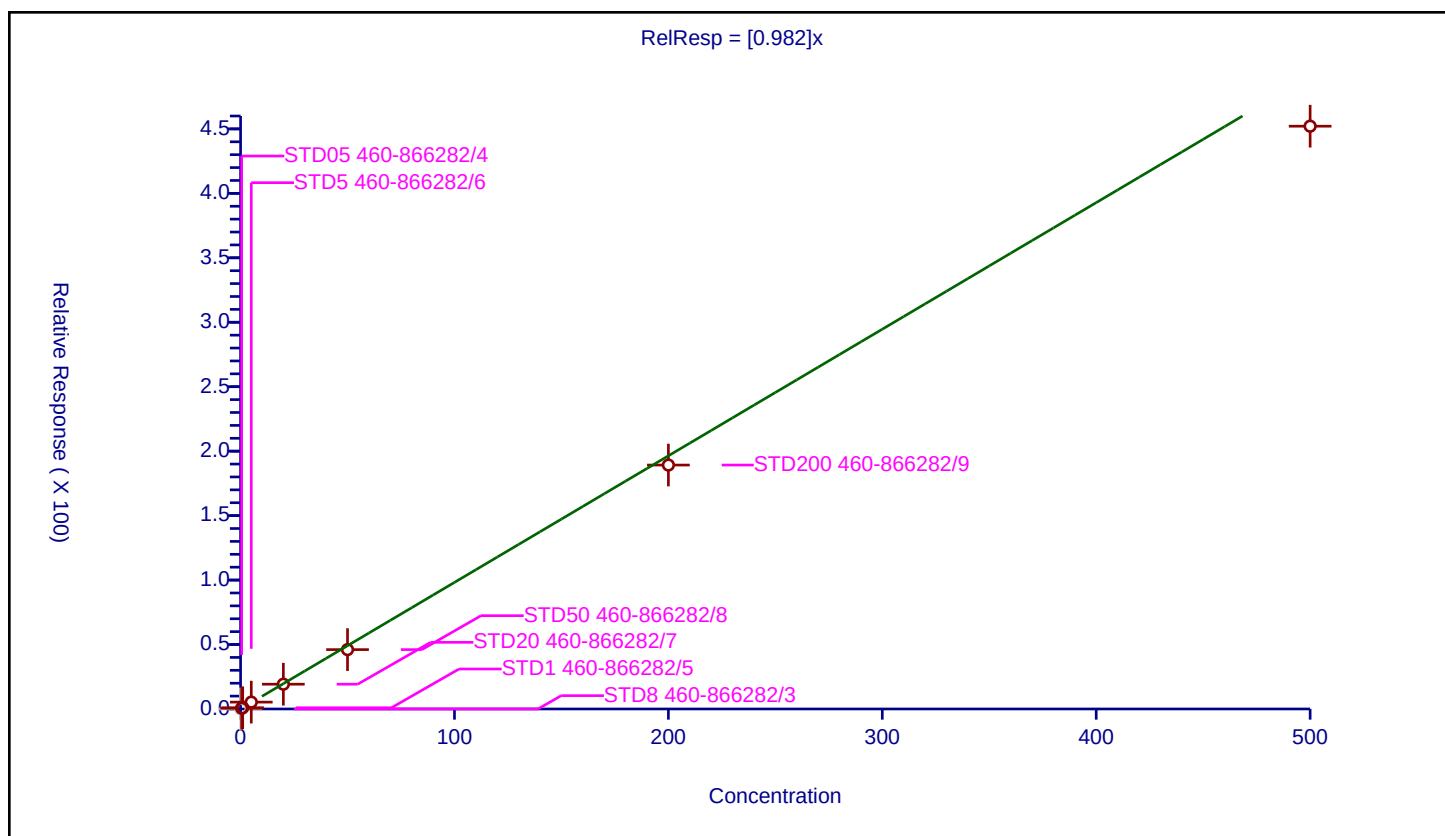
Curve Coefficients

Intercept: 0
 Slope: 0.982

Error Coefficients

Standard Error: 2090000
 Relative Standard Error: 8.6
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	50.0	685177.0	NaN	N
2	STD05 460-866282/4	0.5	0.566755	50.0	540269.0	1.133509	Y
3	STD1 460-866282/5	1.0	0.940792	50.0	541193.0	0.940792	Y
4	STD5 460-866282/6	5.0	5.333727	50.0	545491.0	1.066745	Y
5	STD20 460-866282/7	20.0	19.232308	50.0	497244.0	0.961615	Y
6	STD50 460-866282/8	50.0	46.067424	50.0	512692.0	0.921348	Y
7	STD200 460-866282/9	200.0	189.222309	50.0	521415.0	0.946112	Y
8	STD500 460-866282/10	500.0	452.10684	50.0	518027.0	0.904214	Y



Calibration

/ Ethylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

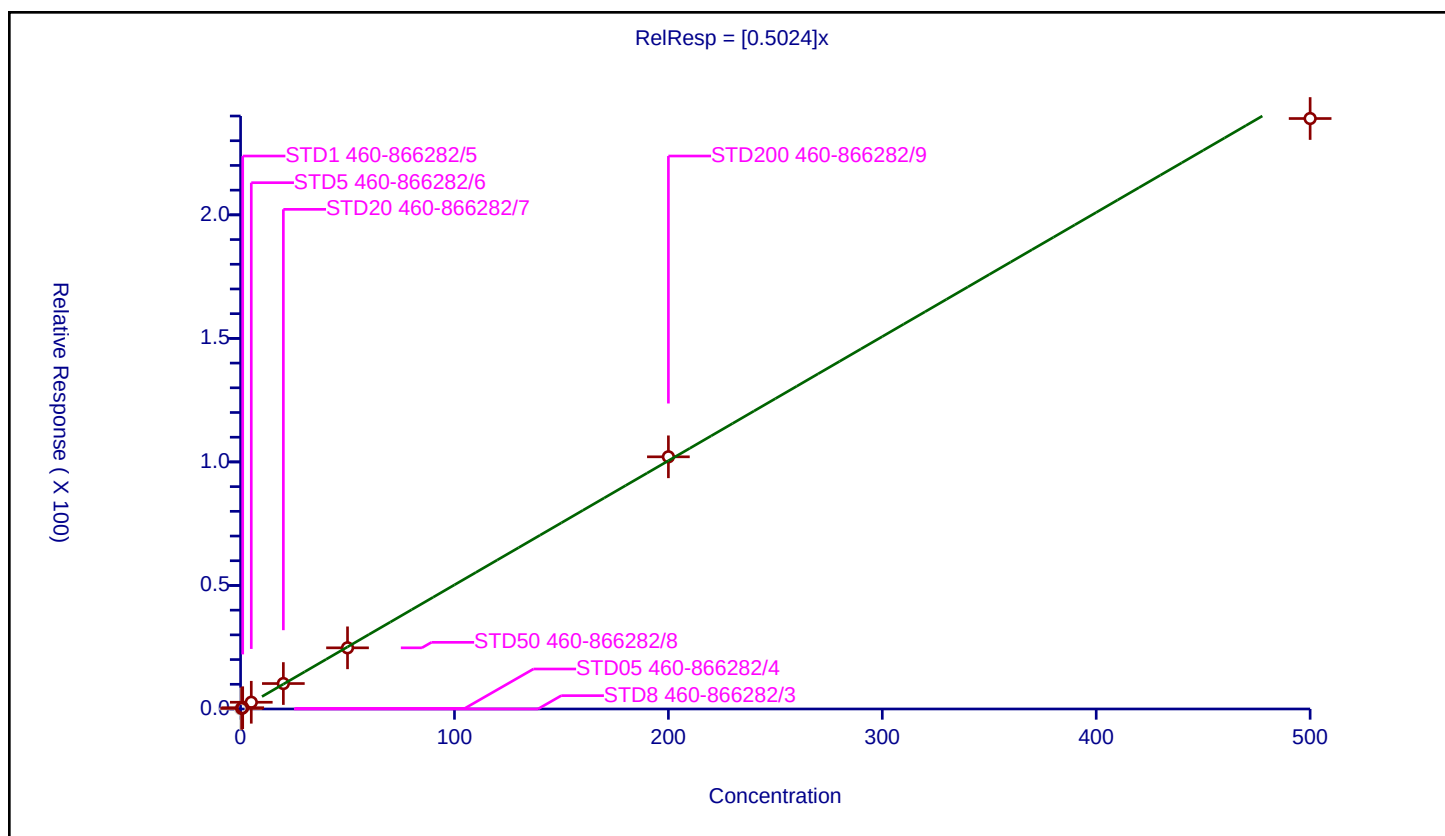
Curve Coefficients

Intercept: 0
Slope: 0.5024

Error Coefficients

Standard Error: 1110000
Relative Standard Error: 5.4
Correlation Coefficient: 0.999
Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	50.0	685177.0	NaN	N
2	STD05 460-866282/4	0.5	0.231181	50.0	540269.0	0.462362	Y
3	STD1 460-866282/5	1.0	0.511001	50.0	541193.0	0.511001	Y
4	STD5 460-866282/6	5.0	2.726168	50.0	545491.0	0.545234	Y
5	STD20 460-866282/7	20.0	10.301281	50.0	497244.0	0.515064	Y
6	STD50 460-866282/8	50.0	24.755896	50.0	512692.0	0.495118	Y
7	STD200 460-866282/9	200.0	102.065533	50.0	521415.0	0.510328	Y
8	STD500 460-866282/10	500.0	238.986192	50.0	518027.0	0.477972	Y



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

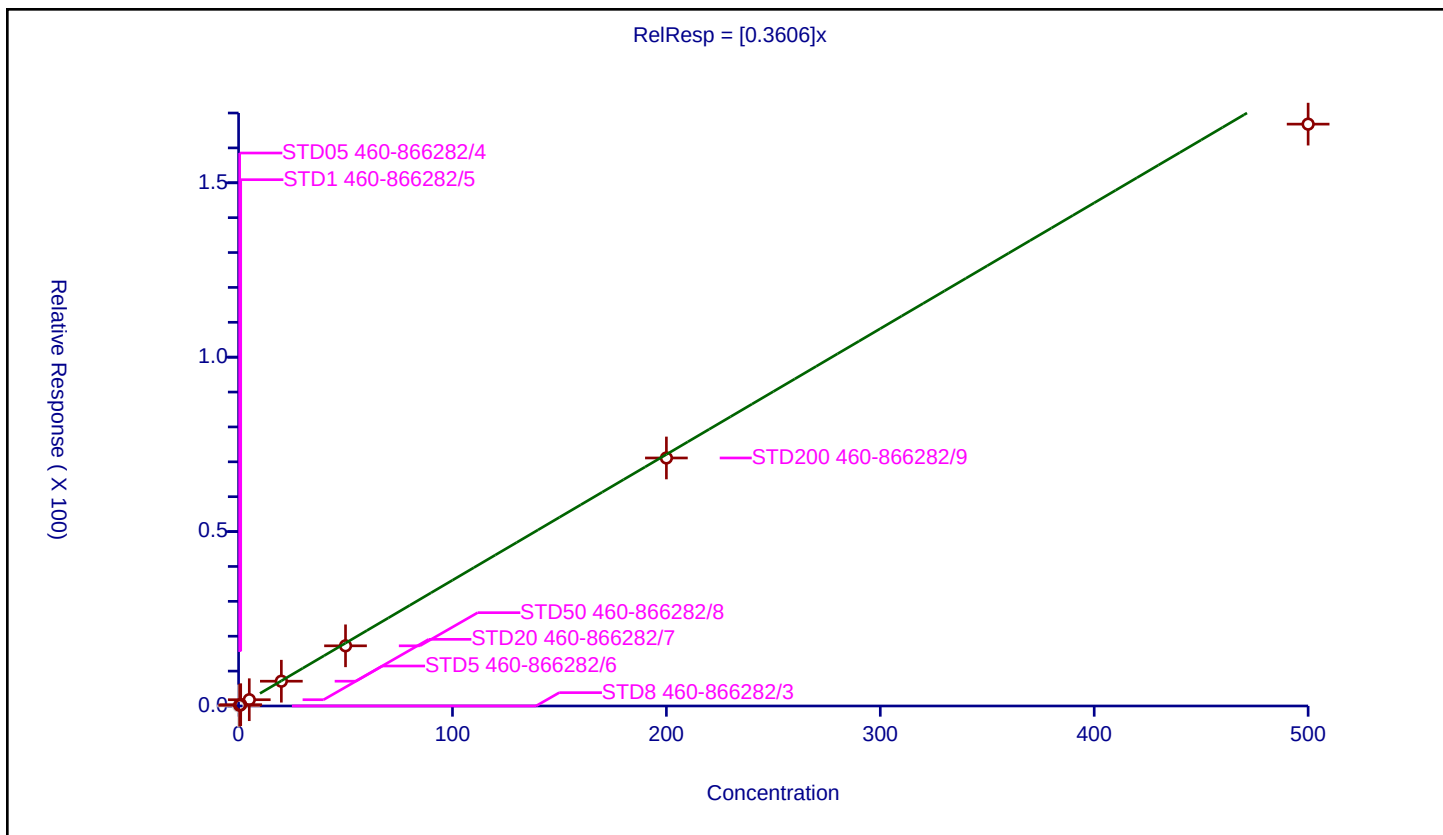
Curve Coefficients

Intercept: 0
 Slope: 0.3606

Error Coefficients

Standard Error: 772000
 Relative Standard Error: 6.2
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	50.0	685177.0	NaN	N
2	STD05 460-866282/4	0.5	0.202029	50.0	540269.0	0.404058	Y
3	STD1 460-866282/5	1.0	0.371032	50.0	541193.0	0.371032	Y
4	STD5 460-866282/6	5.0	1.79783	50.0	545491.0	0.359566	Y
5	STD20 460-866282/7	20.0	7.107074	50.0	497244.0	0.355354	Y
6	STD50 460-866282/8	50.0	17.254414	50.0	512692.0	0.345088	Y
7	STD200 460-866282/9	200.0	71.101809	50.0	521415.0	0.355509	Y
8	STD500 460-866282/10	500.0	166.813409	50.0	518027.0	0.333627	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

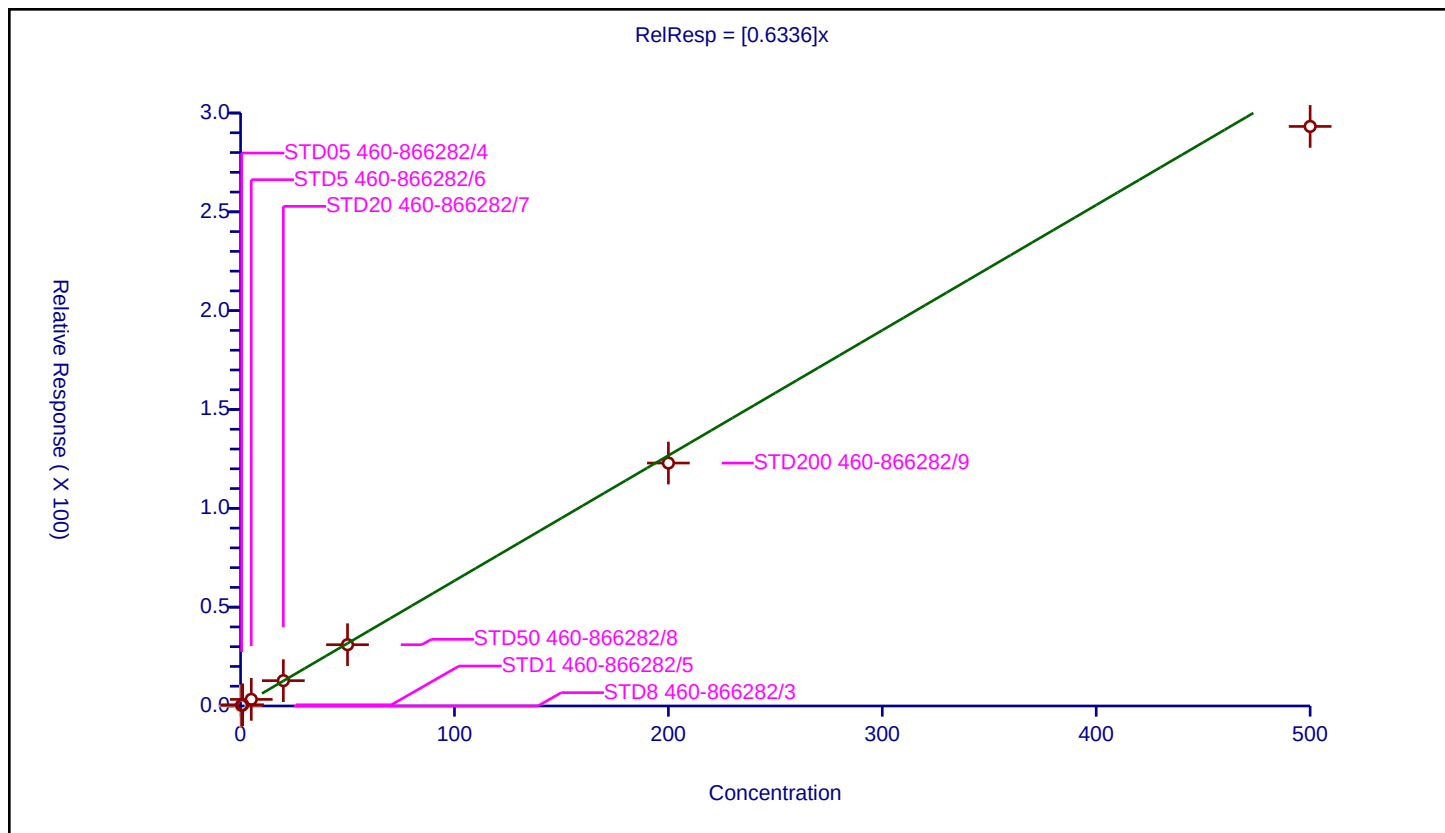
Curve Coefficients

Intercept: 0
 Slope: 0.6336

Error Coefficients

Standard Error: 1350000
 Relative Standard Error: 5.9
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	50.0	685177.0	NaN	N
2	STD05 460-866282/4	0.5	0.348345	50.0	540269.0	0.69669	Y
3	STD1 460-866282/5	1.0	0.610041	50.0	541193.0	0.610041	Y
4	STD5 460-866282/6	5.0	3.333877	50.0	545491.0	0.666775	Y
5	STD20 460-866282/7	20.0	12.817349	50.0	497244.0	0.640867	Y
6	STD50 460-866282/8	50.0	31.00731	50.0	512692.0	0.620146	Y
7	STD200 460-866282/9	200.0	122.907569	50.0	521415.0	0.614538	Y
8	STD500 460-866282/10	500.0	293.216184	50.0	518027.0	0.586432	Y



Calibration

/ o-Xylene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

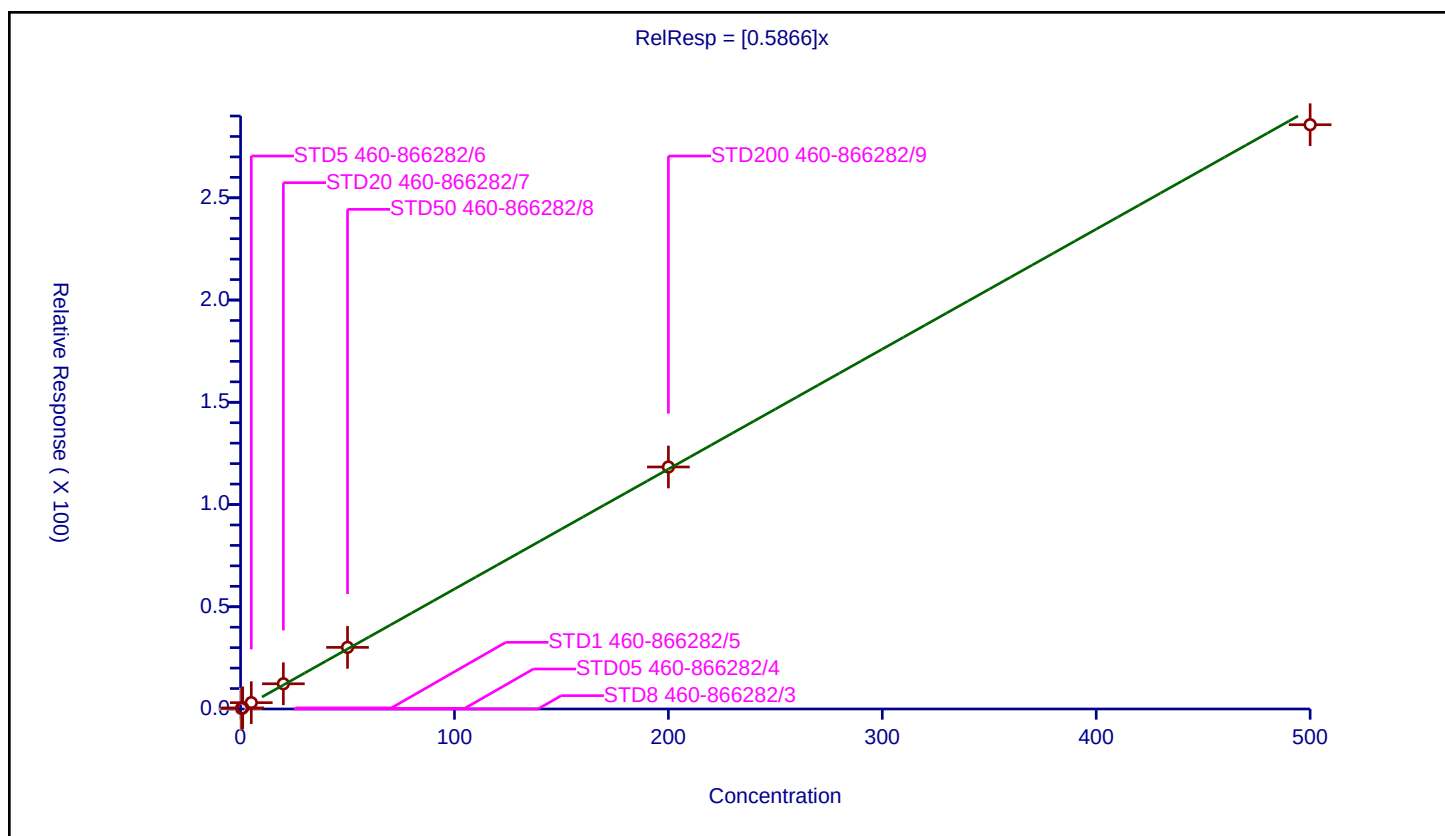
Curve Coefficients

Intercept: 0
 Slope: 0.5866

Error Coefficients

Standard Error: 1320000
 Relative Standard Error: 5.6
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	50.0	685177.0	NaN	N
2	STD05 460-866282/4	0.5	0.290966	50.0	540269.0	0.581932	Y
3	STD1 460-866282/5	1.0	0.523288	50.0	541193.0	0.523288	Y
4	STD5 460-866282/6	5.0	3.095835	50.0	545491.0	0.619167	Y
5	STD20 460-866282/7	20.0	12.325036	50.0	497244.0	0.616252	Y
6	STD50 460-866282/8	50.0	30.131638	50.0	512692.0	0.602633	Y
7	STD200 460-866282/9	200.0	118.35256	50.0	521415.0	0.591763	Y
8	STD500 460-866282/10	500.0	285.752577	50.0	518027.0	0.571505	Y



Calibration

/ n-Butyl acrylate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

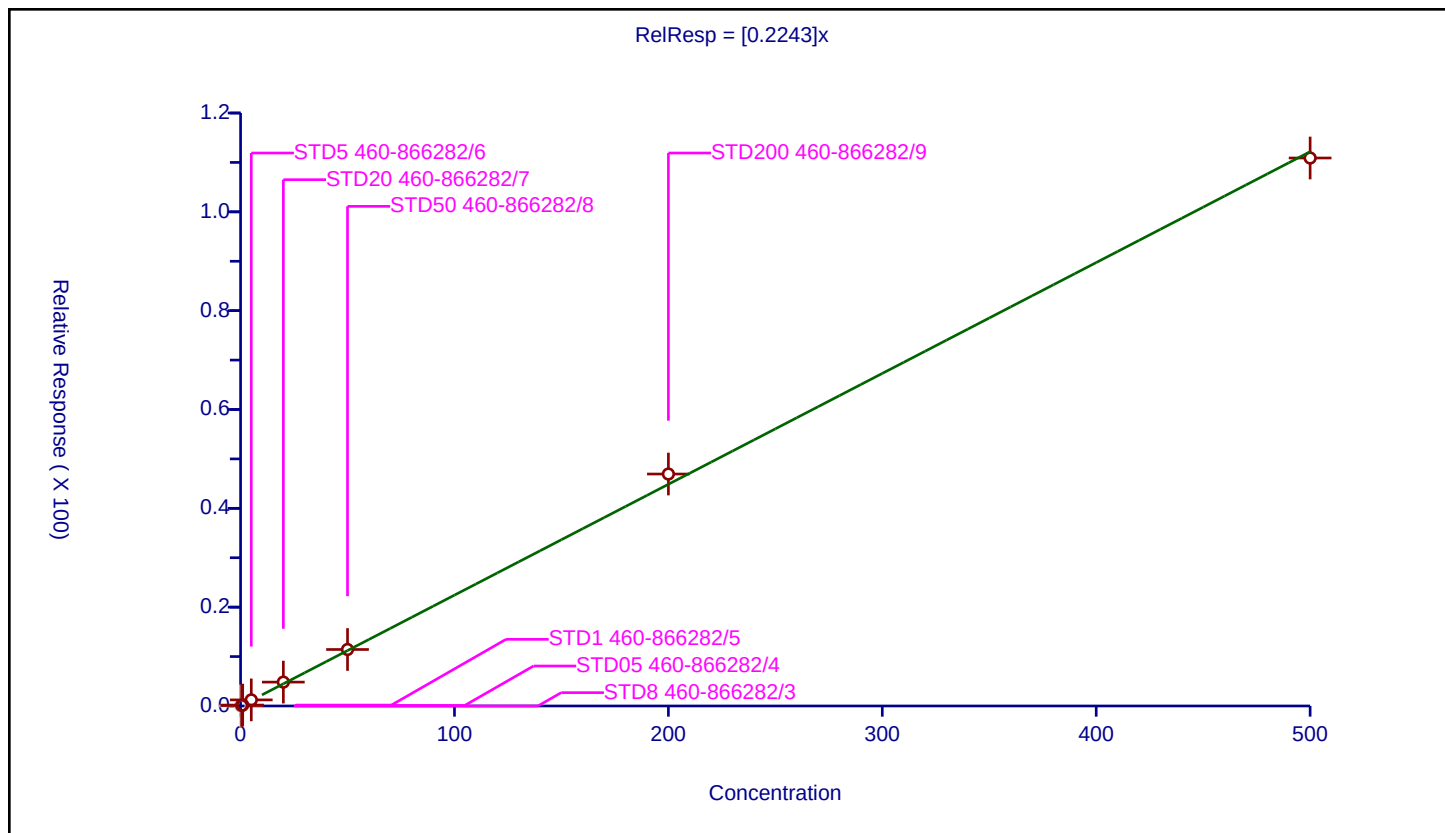
Curve Coefficients

Intercept: 0
 Slope: 0.2243

Error Coefficients

Standard Error: 512000
 Relative Standard Error: 9.1
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	50.0	685177.0	NaN	N
2	STD05 460-866282/4	0.5	0.105225	50.0	540269.0	0.210451	Y
3	STD1 460-866282/5	1.0	0.18681	50.0	541193.0	0.18681	Y
4	STD5 460-866282/6	5.0	1.231734	50.0	545491.0	0.246347	Y
5	STD20 460-866282/7	20.0	4.832235	50.0	497244.0	0.241612	Y
6	STD50 460-866282/8	50.0	11.43123	50.0	512692.0	0.228625	Y
7	STD200 460-866282/9	200.0	46.942071	50.0	521415.0	0.23471	Y
8	STD500 460-866282/10	500.0	110.89615	50.0	518027.0	0.221792	Y



Calibration

/ Styrene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

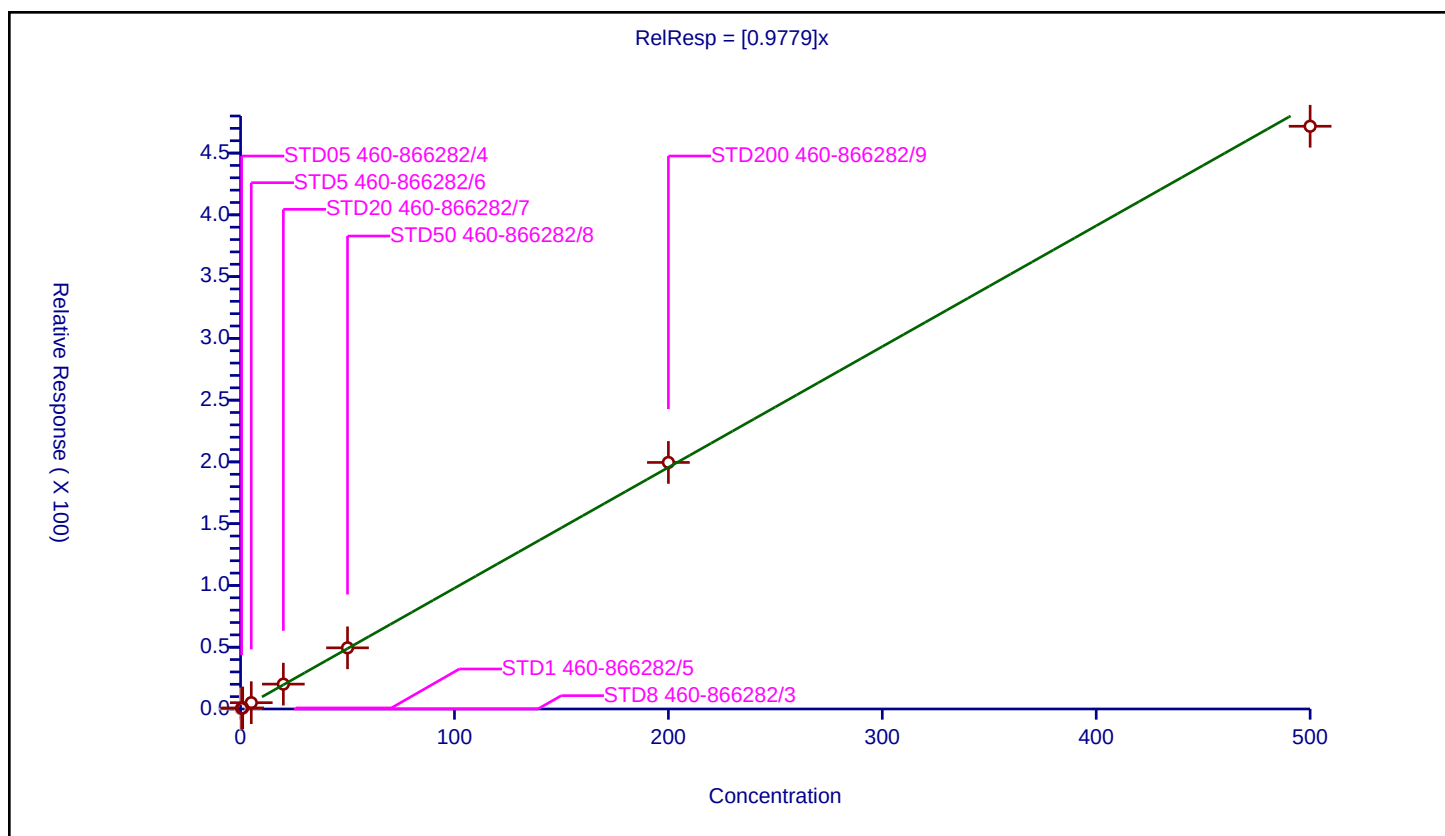
Curve Coefficients

Intercept: 0
 Slope: 0.9779

Error Coefficients

Standard Error: 2180000
 Relative Standard Error: 6.1
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	50.0	685177.0	NaN	N
2	STD05 460-866282/4	0.5	0.514373	50.0	540269.0	1.028747	Y
3	STD1 460-866282/5	1.0	0.858751	50.0	541193.0	0.858751	Y
4	STD5 460-866282/6	5.0	5.099626	50.0	545491.0	1.019925	Y
5	STD20 460-866282/7	20.0	20.122214	50.0	497244.0	1.006111	Y
6	STD50 460-866282/8	50.0	49.512085	50.0	512692.0	0.990242	Y
7	STD200 460-866282/9	200.0	199.572701	50.0	521415.0	0.997864	Y
8	STD500 460-866282/10	500.0	471.705529	50.0	518027.0	0.943411	Y



Calibration

/ Bromoform

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

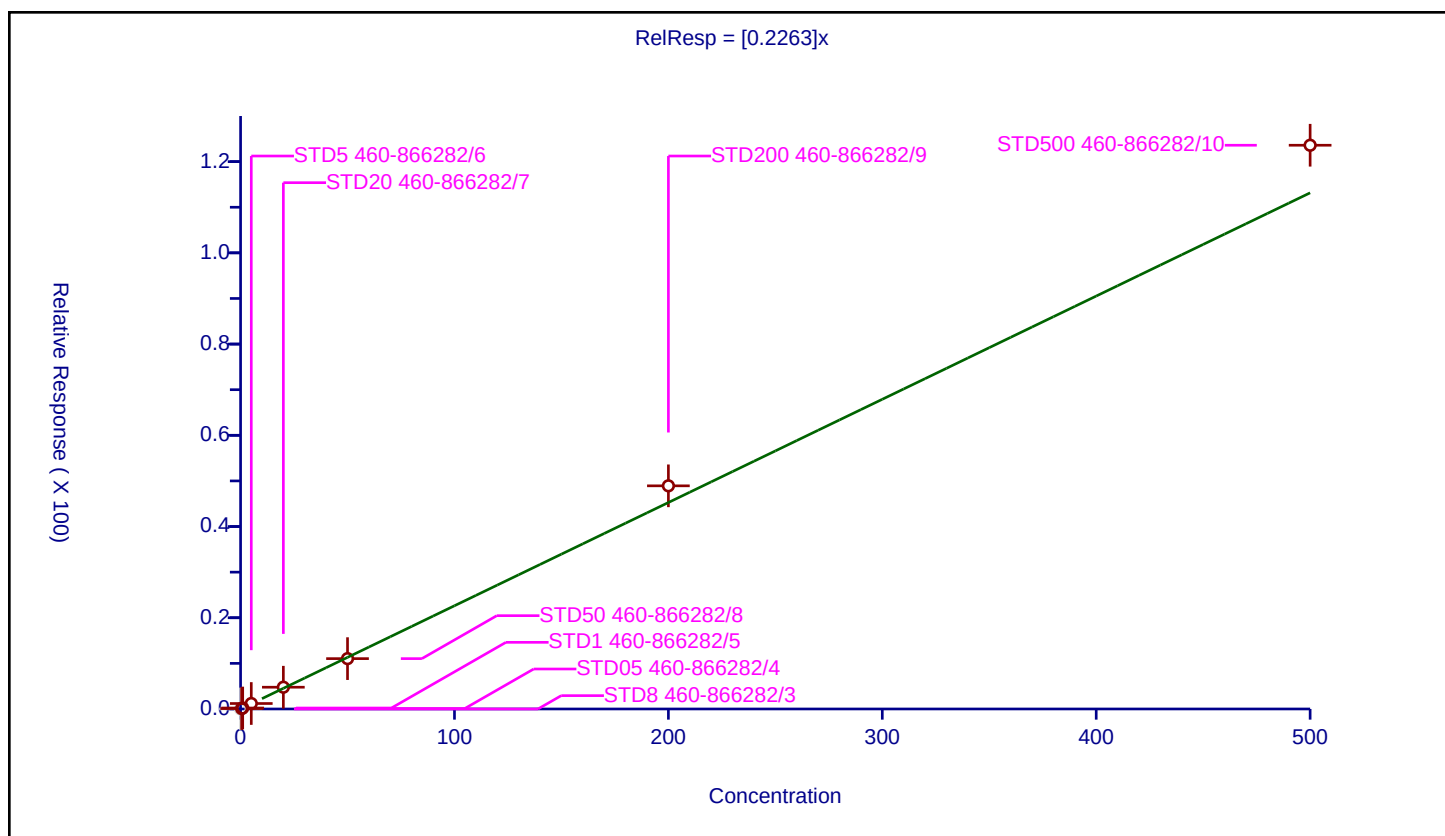
Curve Coefficients

Intercept: 0
 Slope: 0.2263

Error Coefficients

Standard Error: 565000
 Relative Standard Error: 10.6
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	50.0	685177.0	NaN	N
2	STD05 460-866282/4	0.5	0.090325	50.0	540269.0	0.180651	Y
3	STD1 460-866282/5	1.0	0.212309	50.0	541193.0	0.212309	Y
4	STD5 460-866282/6	5.0	1.199561	50.0	545491.0	0.239912	Y
5	STD20 460-866282/7	20.0	4.776025	50.0	497244.0	0.238801	Y
6	STD50 460-866282/8	50.0	11.037719	50.0	512692.0	0.220754	Y
7	STD200 460-866282/9	200.0	48.924753	50.0	521415.0	0.244624	Y
8	STD500 460-866282/10	500.0	123.591434	50.0	518027.0	0.247183	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

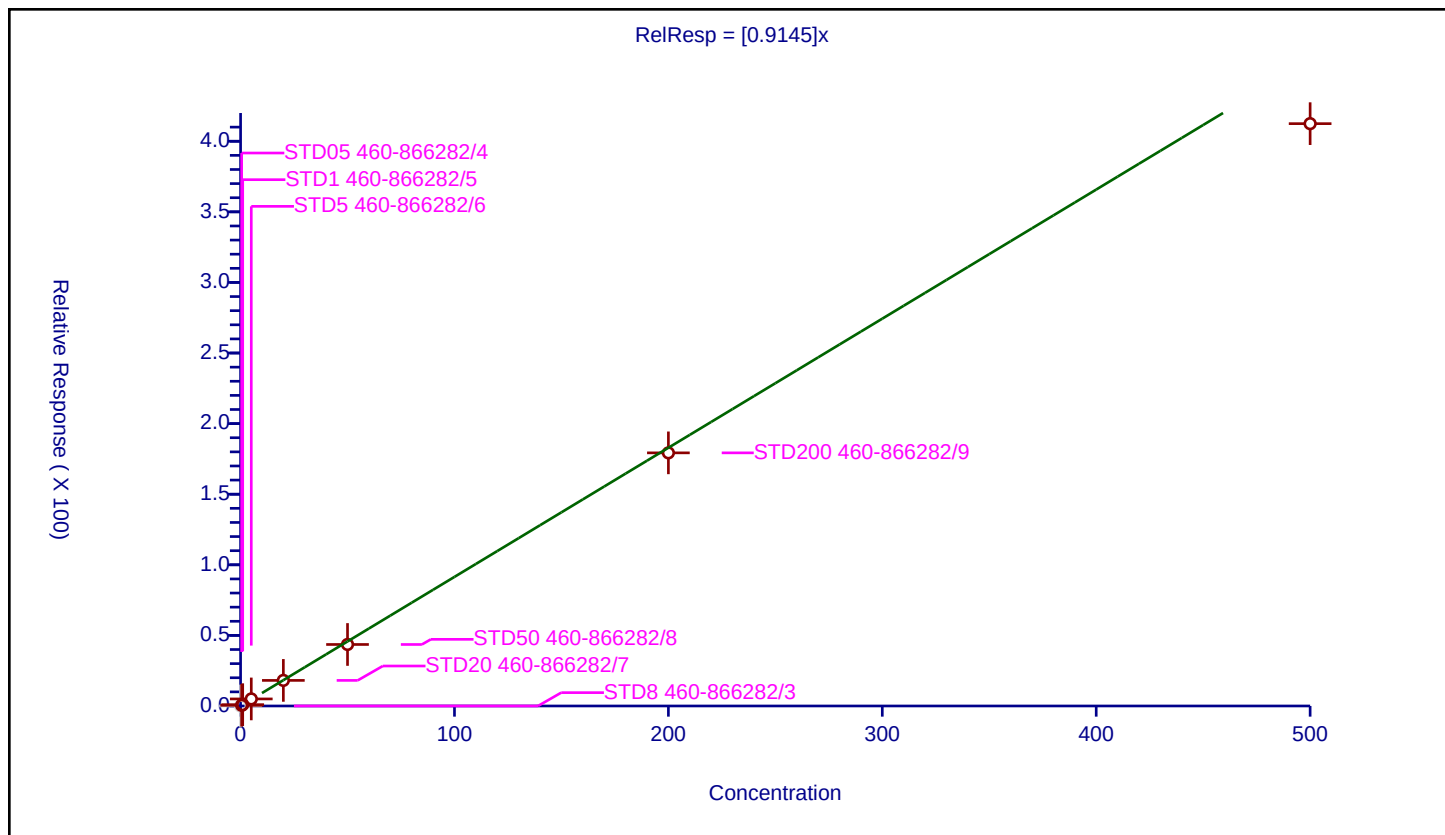
Curve Coefficients

Intercept: 0
 Slope: 0.9145

Error Coefficients

Standard Error: 944000
 Relative Standard Error: 6.4
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	50.0	335362.0	NaN	N
2	STD05 460-866282/4	0.5	0.48457	50.0	263636.0	0.969139	Y
3	STD1 460-866282/5	1.0	0.935618	50.0	260042.0	0.935618	Y
4	STD5 460-866282/6	5.0	4.986837	50.0	264386.0	0.997367	Y
5	STD20 460-866282/7	20.0	18.126136	50.0	249143.0	0.906307	Y
6	STD50 460-866282/8	50.0	43.566649	50.0	251362.0	0.871333	Y
7	STD200 460-866282/9	200.0	179.295801	50.0	250256.0	0.896479	Y
8	STD500 460-866282/10	500.0	412.471798	50.0	256635.0	0.824944	Y



Calibration

/ Isopropylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

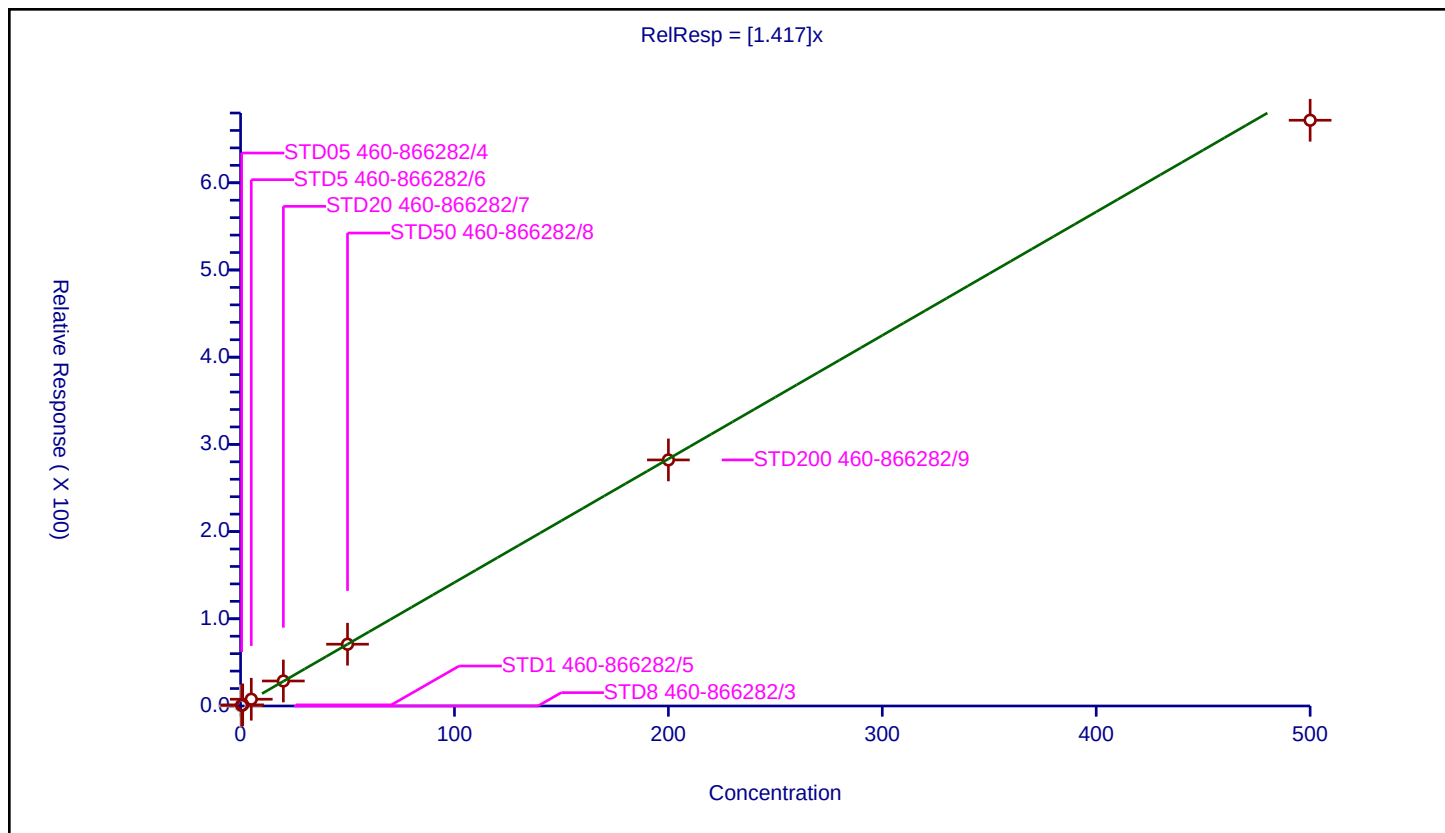
Curve Coefficients

Intercept: 0
 Slope: 1.417

Error Coefficients

Standard Error: 3100000
 Relative Standard Error: 5.6
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	50.0	685177.0	NaN	N
2	STD05 460-866282/4	0.5	0.728341	50.0	540269.0	1.456682	Y
3	STD1 460-866282/5	1.0	1.303232	50.0	541193.0	1.303232	Y
4	STD5 460-866282/6	5.0	7.758606	50.0	545491.0	1.551721	Y
5	STD20 460-866282/7	20.0	28.668722	50.0	497244.0	1.433436	Y
6	STD50 460-866282/8	50.0	70.843703	50.0	512692.0	1.416874	Y
7	STD200 460-866282/9	200.0	282.168522	50.0	521415.0	1.410843	Y
8	STD500 460-866282/10	500.0	671.724447	50.0	518027.0	1.343449	Y



Calibration

/ 4-Bromofluorobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

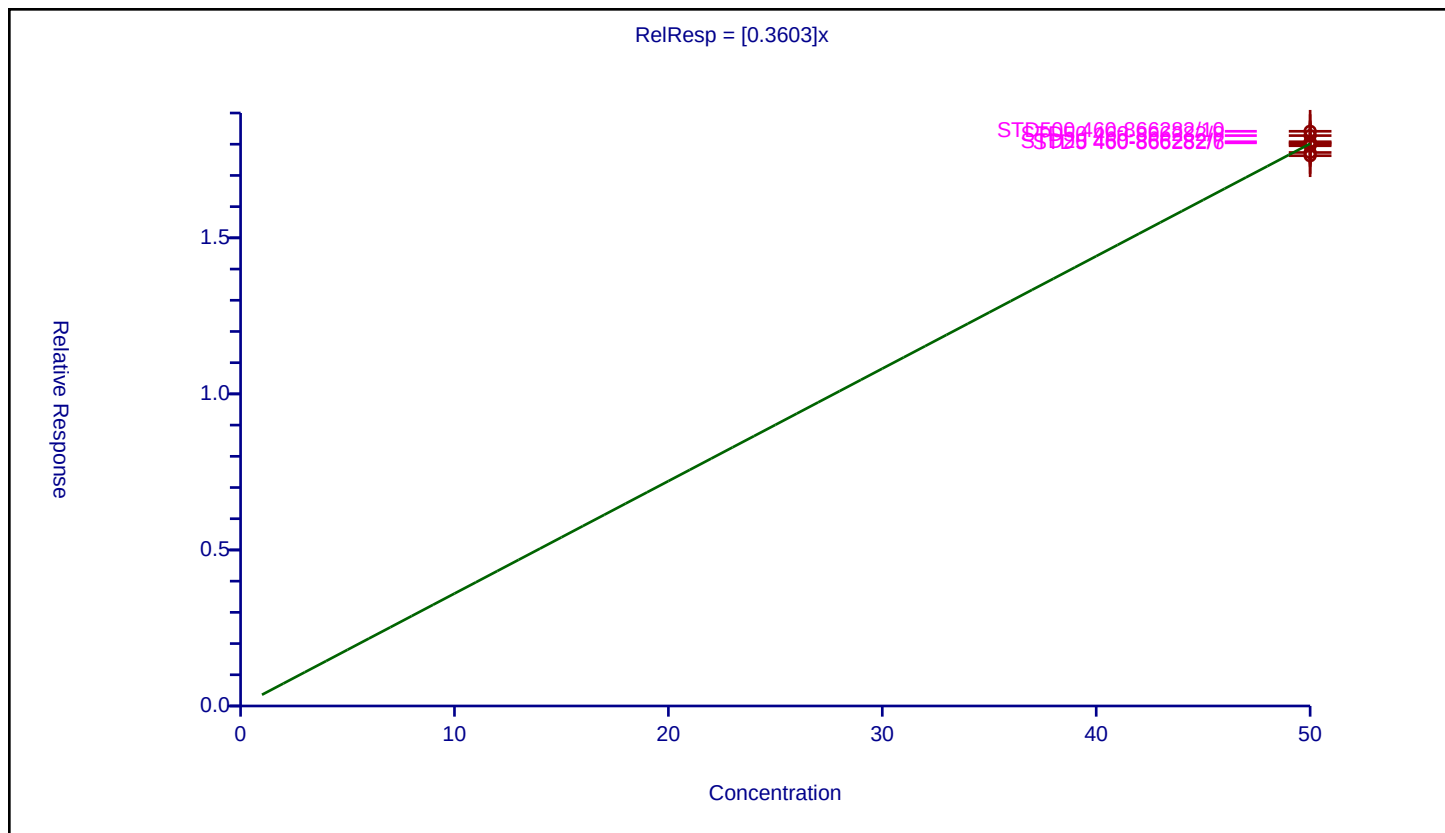
Curve Coefficients

Intercept: 0
 Slope: 0.3603

Error Coefficients

Standard Error: 211000
 Relative Standard Error: 1.4
 Correlation Coefficient: NA
 Coefficient of Determination (Adjusted): 0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	50.0	17.632086	50.0	685177.0	0.352642	Y
2	STD05 460-866282/4	50.0	17.735239	50.0	540269.0	0.354705	Y
3	STD1 460-866282/5	50.0	17.950528	50.0	541193.0	0.359011	Y
4	STD5 460-866282/6	50.0	18.044569	50.0	545491.0	0.360891	Y
5	STD20 460-866282/7	50.0	18.079353	50.0	497244.0	0.361587	Y
6	STD50 460-866282/8	50.0	18.275885	50.0	512692.0	0.365518	Y
7	STD200 460-866282/9	50.0	17.997756	50.0	521415.0	0.359955	Y
8	STD500 460-866282/10	50.0	18.414774	50.0	518027.0	0.368295	Y



Calibration

/ Bromobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

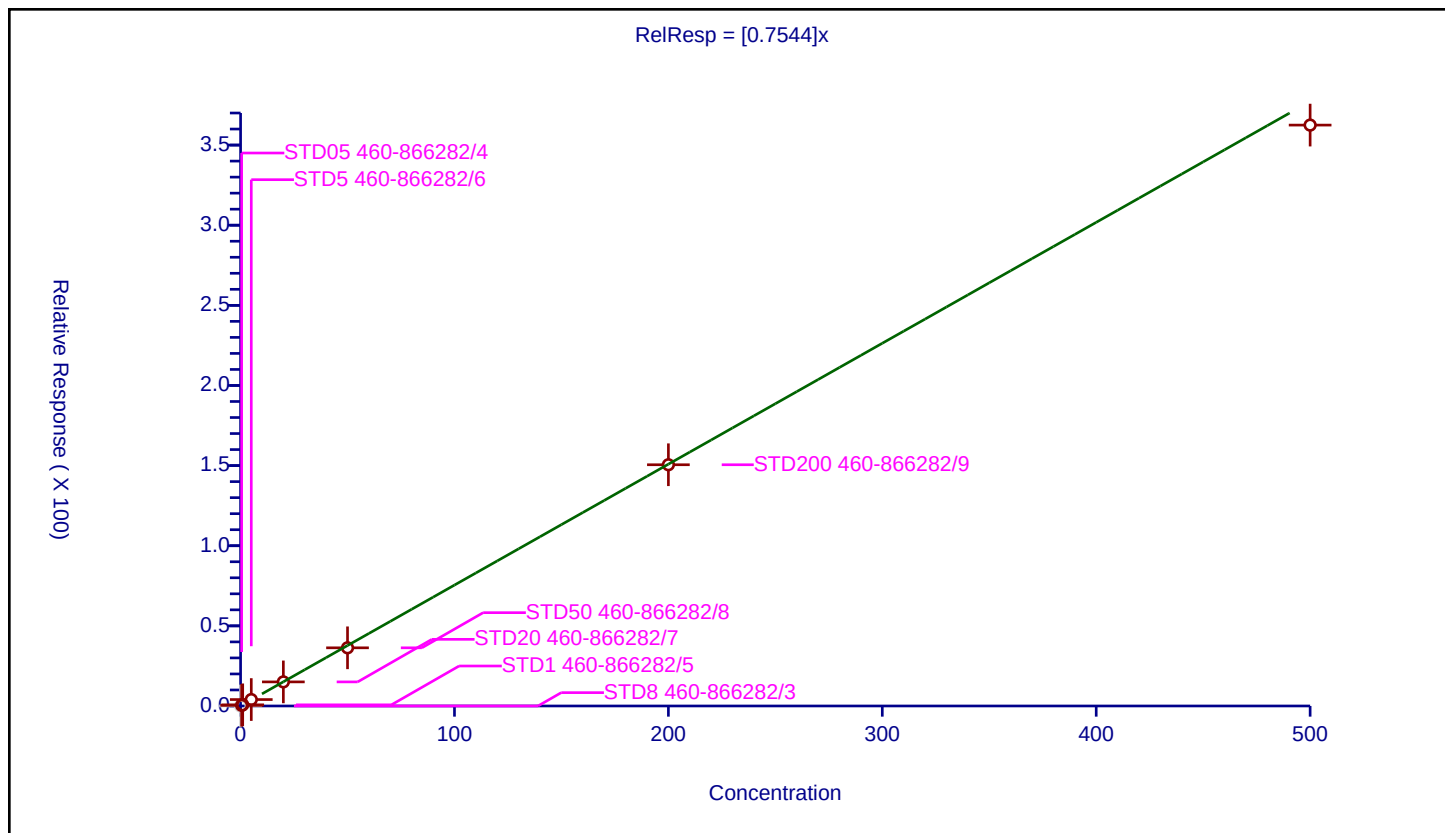
Curve Coefficients

Intercept: 0
 Slope: 0.7544

Error Coefficients

Standard Error: 823000
 Relative Standard Error: 4.6
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	50.0	335362.0	NaN	N
2	STD05 460-866282/4	0.5	0.401121	50.0	263636.0	0.802242	Y
3	STD1 460-866282/5	1.0	0.721422	50.0	260042.0	0.721422	Y
4	STD5 460-866282/6	5.0	4.010046	50.0	264386.0	0.802009	Y
5	STD20 460-866282/7	20.0	15.036144	50.0	249143.0	0.751807	Y
6	STD50 460-866282/8	50.0	36.298247	50.0	251362.0	0.725965	Y
7	STD200 460-866282/9	200.0	150.533454	50.0	250256.0	0.752667	Y
8	STD500 460-866282/10	500.0	362.467707	50.0	256635.0	0.724935	Y



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

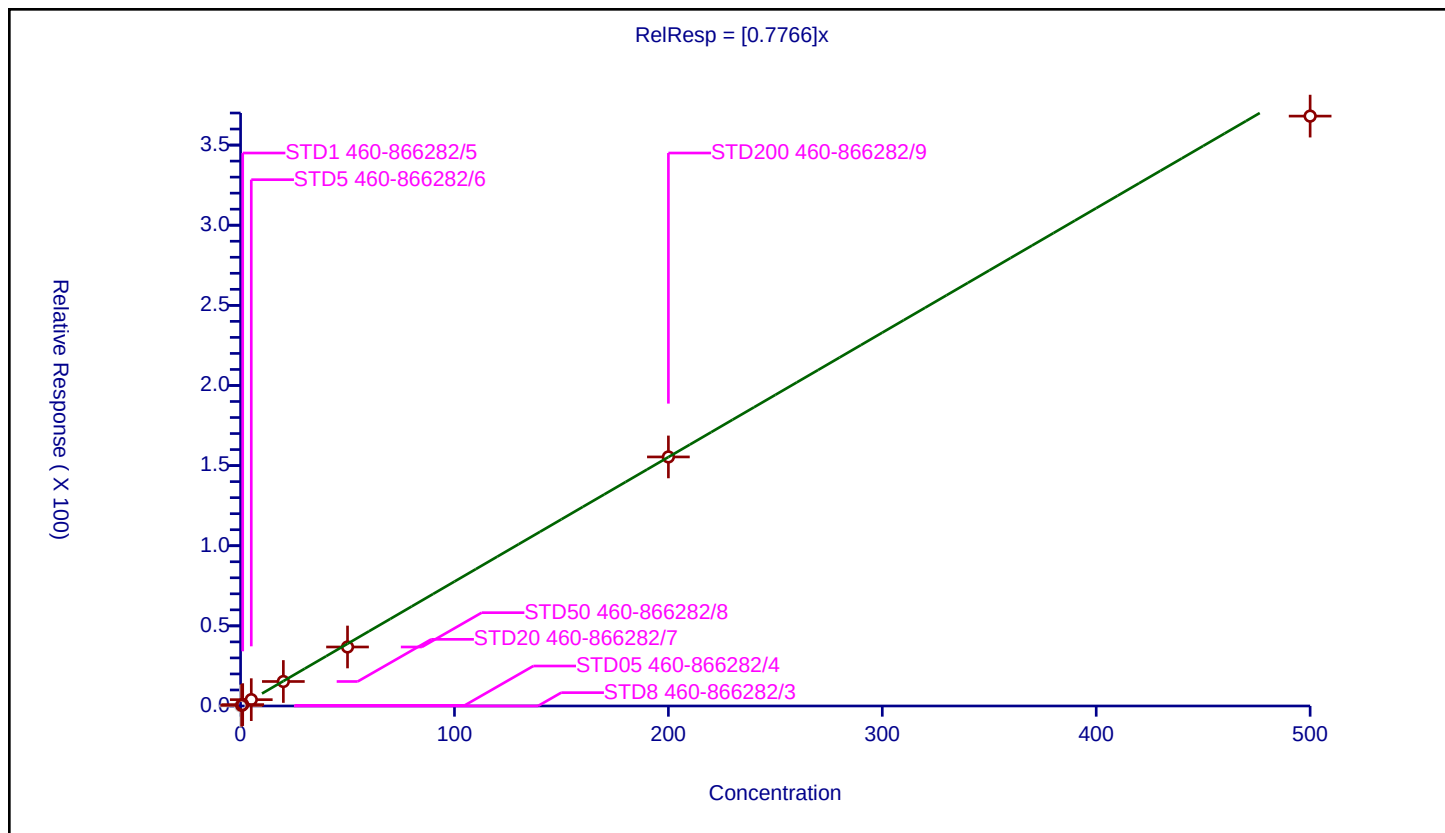
Curve Coefficients

Intercept: 0
Slope: 0.7766

Error Coefficients

Standard Error: 838000
Relative Standard Error: 5.3
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	50.0	335362.0	NaN	N
2	STD05 460-866282/4	0.5	0.387845	50.0	263636.0	0.775691	Y
3	STD1 460-866282/5	1.0	0.857362	50.0	260042.0	0.857362	Y
4	STD5 460-866282/6	5.0	3.946313	50.0	264386.0	0.789263	Y
5	STD20 460-866282/7	20.0	15.280582	50.0	249143.0	0.764029	Y
6	STD50 460-866282/8	50.0	36.821596	50.0	251362.0	0.736432	Y
7	STD200 460-866282/9	200.0	155.402668	50.0	250256.0	0.777013	Y
8	STD500 460-866282/10	500.0	368.065735	50.0	256635.0	0.736131	Y



Calibration

/ N-Propylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

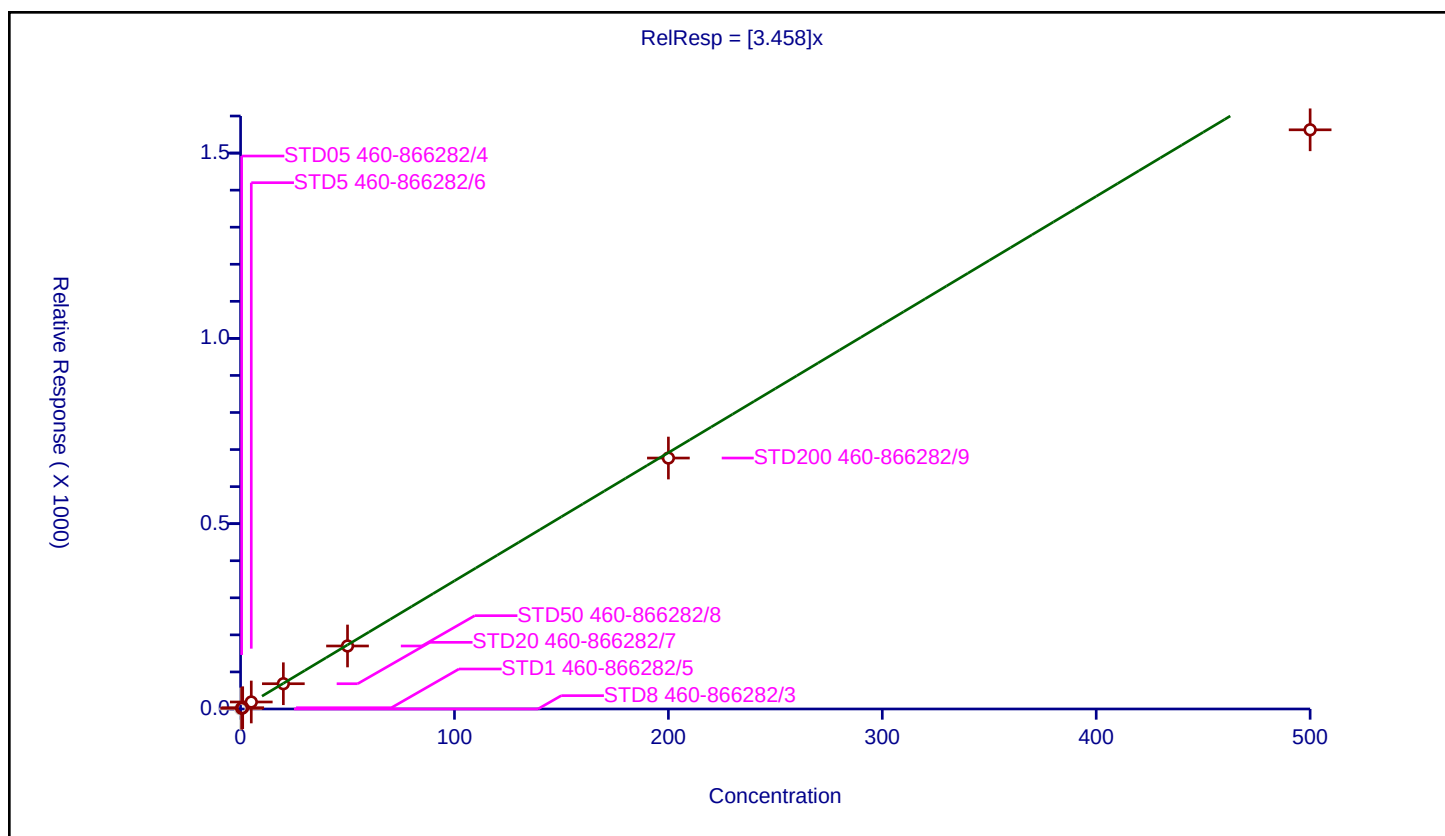
Curve Coefficients

Intercept: 0
Slope: 3.458

Error Coefficients

Standard Error: 3570000
Relative Standard Error: 6.4
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	50.0	335362.0	NaN	N
2	STD05 460-866282/4	0.5	1.860709	50.0	263636.0	3.721419	Y
3	STD1 460-866282/5	1.0	3.392529	50.0	260042.0	3.392529	Y
4	STD5 460-866282/6	5.0	18.868813	50.0	264386.0	3.773763	Y
5	STD20 460-866282/7	20.0	68.158648	50.0	249143.0	3.407932	Y
6	STD50 460-866282/8	50.0	170.016152	50.0	251362.0	3.400323	Y
7	STD200 460-866282/9	200.0	677.113835	50.0	250256.0	3.385569	Y
8	STD500 460-866282/10	500.0	1562.773394	50.0	256635.0	3.125547	Y



Calibration

/ 1,2,3-Trichloropropane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

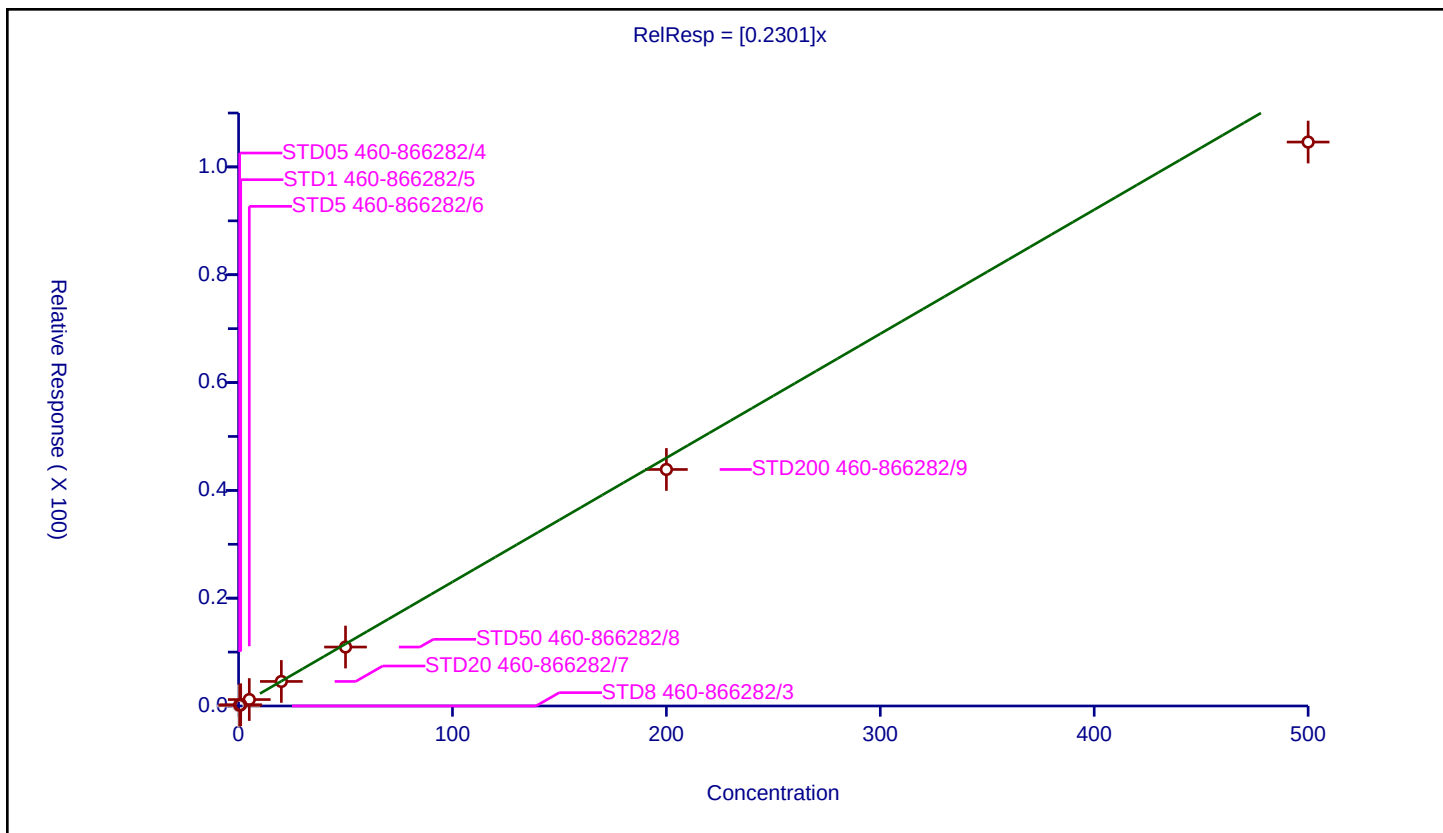
Curve Coefficients

Intercept: 0
 Slope: 0.2301

Error Coefficients

Standard Error: 238000
 Relative Standard Error: 8.1
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	50.0	335362.0	NaN	N
2	STD05 460-866282/4	0.5	0.133138	50.0	263636.0	0.266276	Y
3	STD1 460-866282/5	1.0	0.23054	50.0	260042.0	0.23054	Y
4	STD5 460-866282/6	5.0	1.195979	50.0	264386.0	0.239196	Y
5	STD20 460-866282/7	20.0	4.554212	50.0	249143.0	0.227711	Y
6	STD50 460-866282/8	50.0	10.935026	50.0	251362.0	0.218701	Y
7	STD200 460-866282/9	200.0	43.875072	50.0	250256.0	0.219375	Y
8	STD500 460-866282/10	500.0	104.611998	50.0	256635.0	0.209224	Y



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

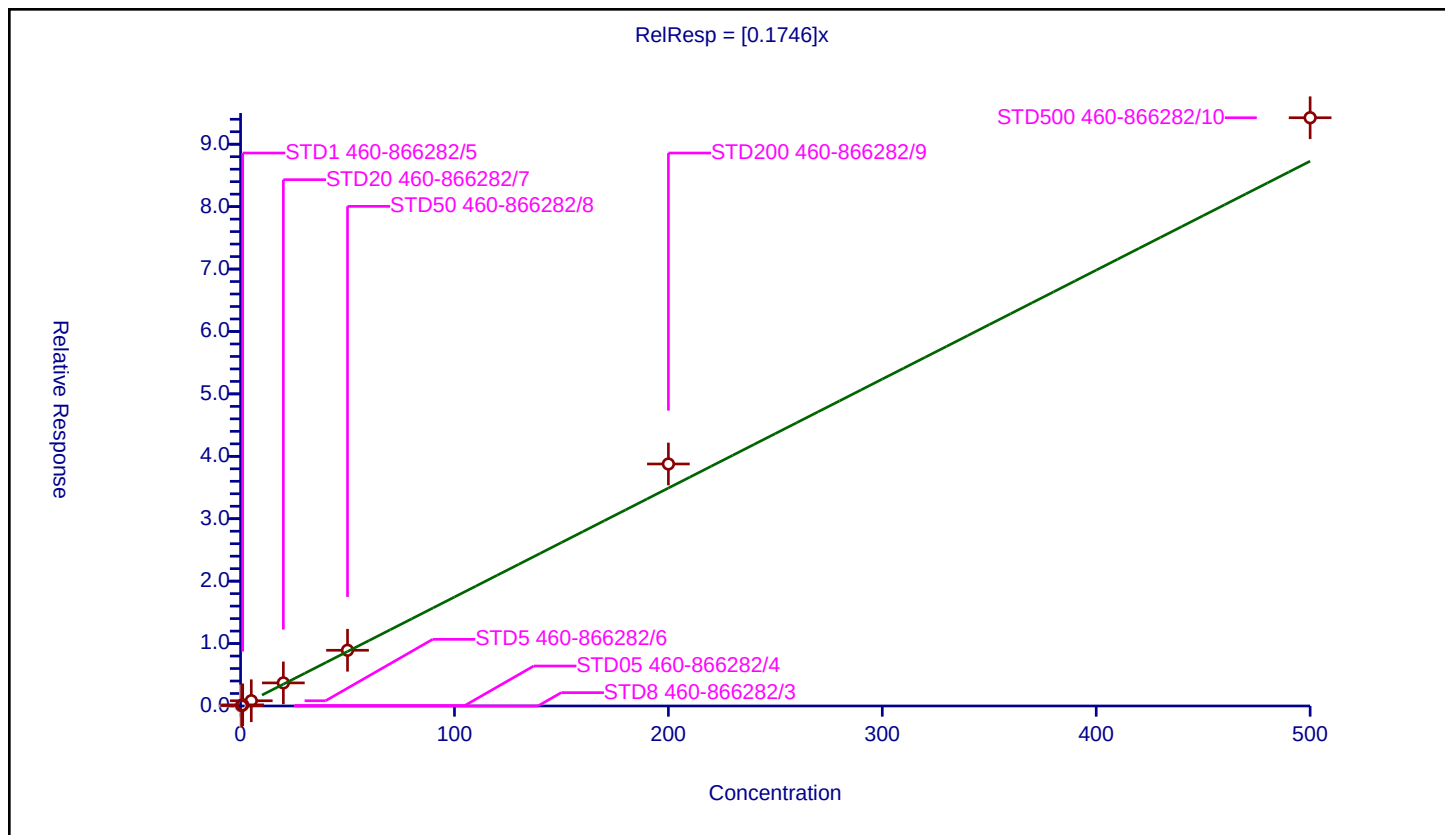
Curve Coefficients

Intercept: 0
 Slope: 0.1746

Error Coefficients

Standard Error: 214000
 Relative Standard Error: 13.1
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	50.0	335362.0	NaN	N
2	STD05 460-866282/4	0.5	0.062966	50.0	263636.0	0.125931	Y
3	STD1 460-866282/5	1.0	0.182086	50.0	260042.0	0.182086	Y
4	STD5 460-866282/6	5.0	0.841005	50.0	264386.0	0.168201	Y
5	STD20 460-866282/7	20.0	3.696672	50.0	249143.0	0.184834	Y
6	STD50 460-866282/8	50.0	8.927563	50.0	251362.0	0.178551	Y
7	STD200 460-866282/9	200.0	38.773496	50.0	250256.0	0.193867	Y
8	STD500 460-866282/10	500.0	94.24416	50.0	256635.0	0.188488	Y



Calibration

/ 2-Chlorotoluene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

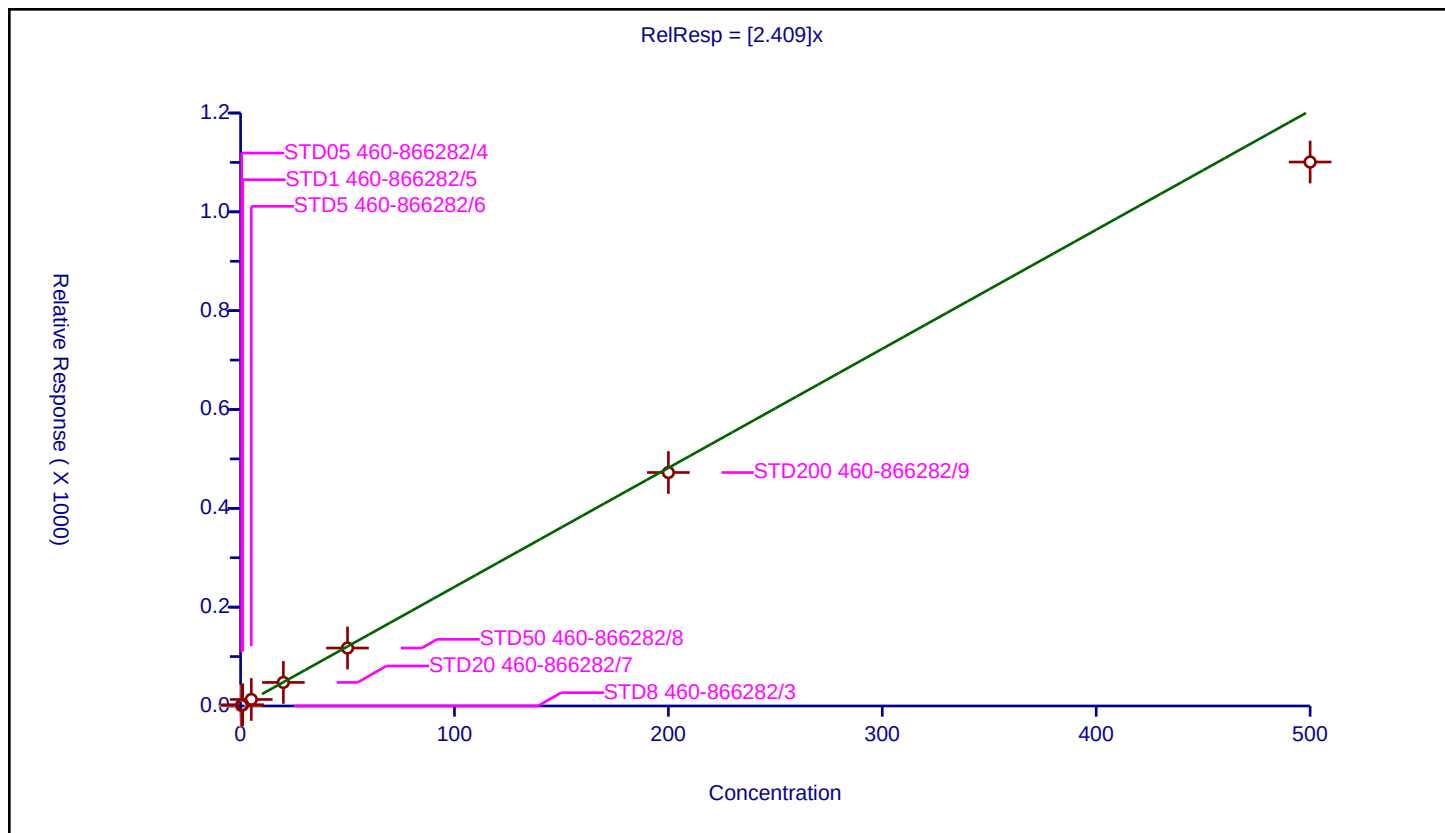
Curve Coefficients

Intercept: 0
 Slope: 2.409

Error Coefficients

Standard Error: 2510000
 Relative Standard Error: 5.7
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	50.0	335362.0	NaN	N
2	STD05 460-866282/4	0.5	1.217209	50.0	263636.0	2.434417	Y
3	STD1 460-866282/5	1.0	2.493059	50.0	260042.0	2.493059	Y
4	STD5 460-866282/6	5.0	13.21666	50.0	264386.0	2.643332	Y
5	STD20 460-866282/7	20.0	47.694898	50.0	249143.0	2.384745	Y
6	STD50 460-866282/8	50.0	117.312084	50.0	251362.0	2.346242	Y
7	STD200 460-866282/9	200.0	472.467593	50.0	250256.0	2.362338	Y
8	STD500 460-866282/10	500.0	1100.819647	50.0	256635.0	2.201639	Y



Calibration

/ 4-Ethyltoluene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

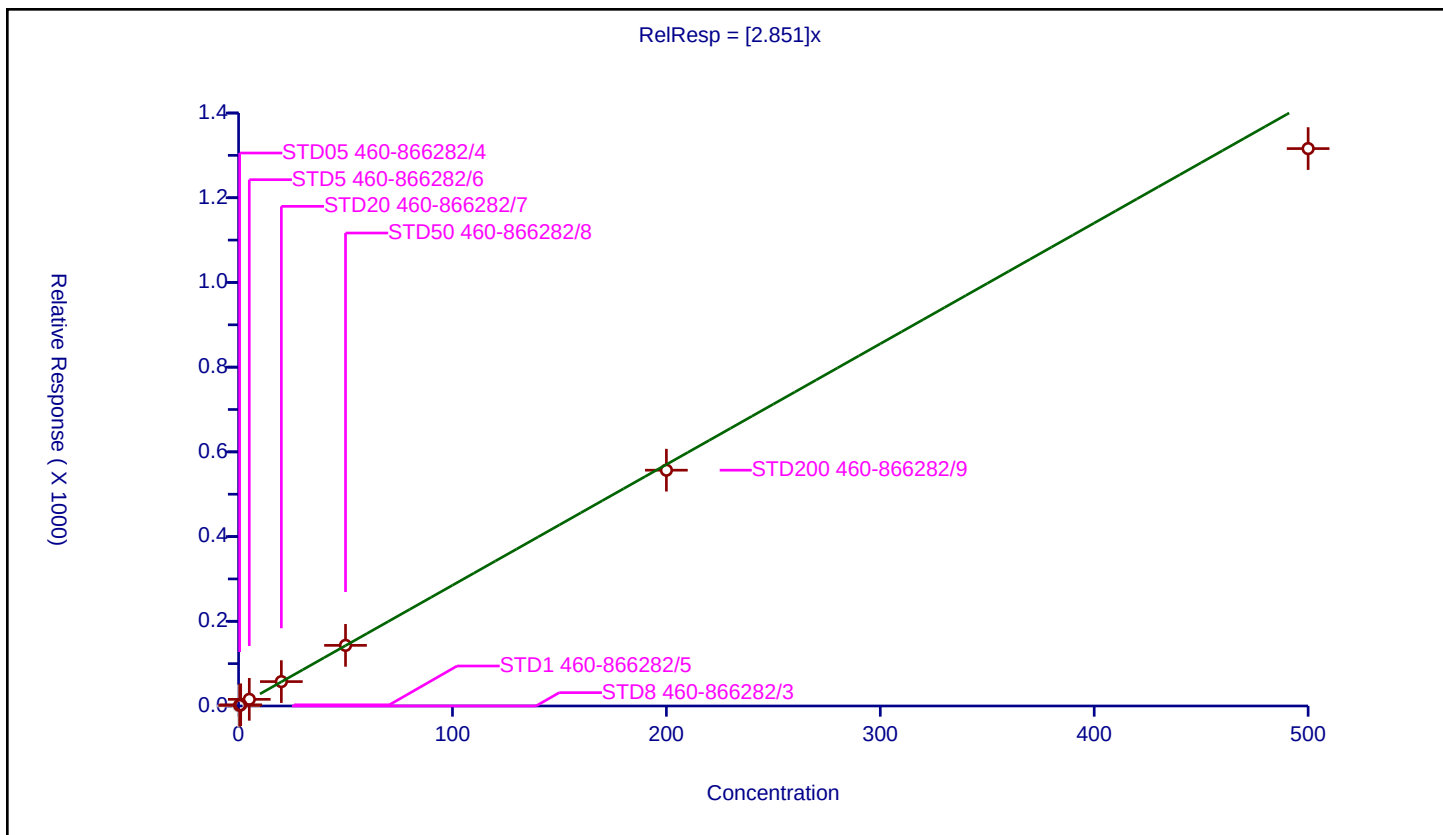
Curve Coefficients

Intercept: 0
 Slope: 2.851

Error Coefficients

Standard Error: 3000000
 Relative Standard Error: 5.4
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	50.0	335362.0	NaN	N
2	STD05 460-866282/4	0.5	1.427157	50.0	263636.0	2.854314	Y
3	STD1 460-866282/5	1.0	2.801278	50.0	260042.0	2.801278	Y
4	STD5 460-866282/6	5.0	15.709228	50.0	264386.0	3.141846	Y
5	STD20 460-866282/7	20.0	57.572157	50.0	249143.0	2.878608	Y
6	STD50 460-866282/8	50.0	143.133011	50.0	251362.0	2.86266	Y
7	STD200 460-866282/9	200.0	556.690349	50.0	250256.0	2.783452	Y
8	STD500 460-866282/10	500.0	1316.029575	50.0	256635.0	2.632059	Y



Calibration

/ 1,3,5-Trimethylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

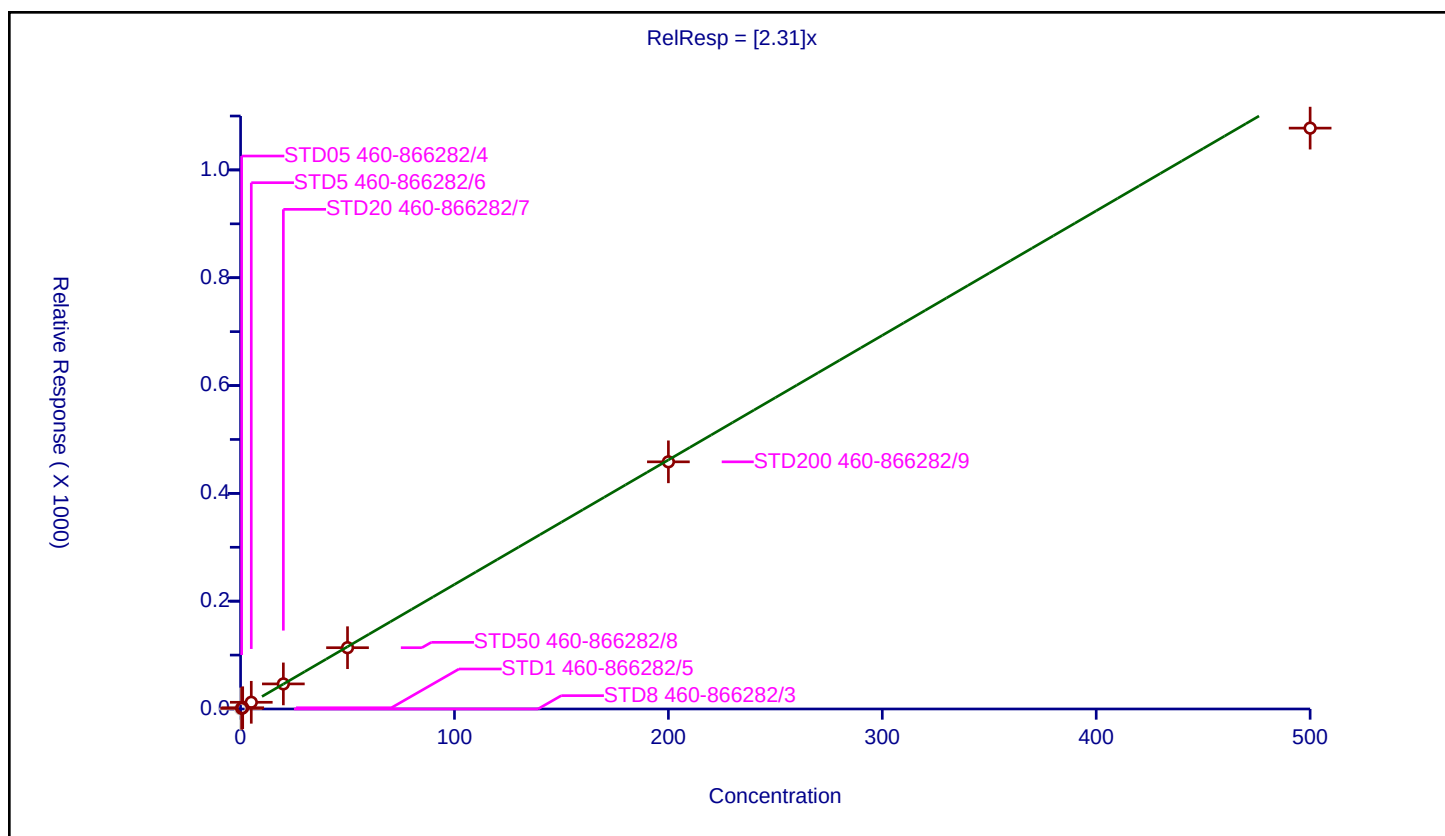
Curve Coefficients

Intercept: 0
 Slope: 2.31

Error Coefficients

Standard Error: 2460000
 Relative Standard Error: 4.3
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	50.0	335362.0	NaN	N
2	STD05 460-866282/4	0.5	1.169795	50.0	263636.0	2.339589	Y
3	STD1 460-866282/5	1.0	2.294245	50.0	260042.0	2.294245	Y
4	STD5 460-866282/6	5.0	12.449978	50.0	264386.0	2.489996	Y
5	STD20 460-866282/7	20.0	46.544956	50.0	249143.0	2.327248	Y
6	STD50 460-866282/8	50.0	113.679673	50.0	251362.0	2.273593	Y
7	STD200 460-866282/9	200.0	458.509486	50.0	250256.0	2.292547	Y
8	STD500 460-866282/10	500.0	1077.519239	50.0	256635.0	2.155038	Y



Calibration

/ 4-Chlorotoluene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

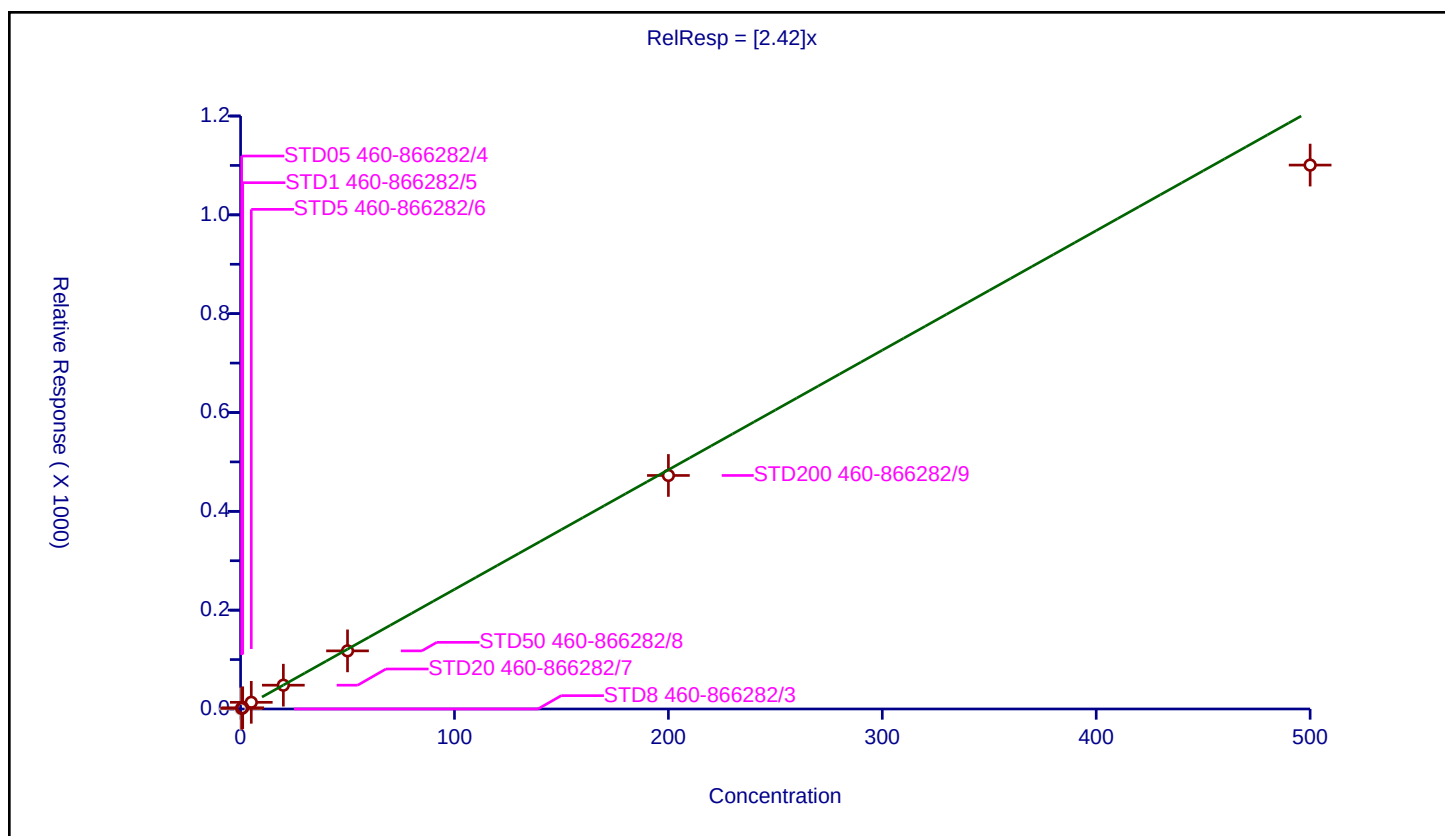
Curve Coefficients

Intercept: 0
 Slope: 2.42

Error Coefficients

Standard Error: 2510000
 Relative Standard Error: 6.3
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	50.0	335362.0	NaN	N
2	STD05 460-866282/4	0.5	1.230484	50.0	263636.0	2.460969	Y
3	STD1 460-866282/5	1.0	2.449412	50.0	260042.0	2.449412	Y
4	STD5 460-866282/6	5.0	13.524355	50.0	264386.0	2.704871	Y
5	STD20 460-866282/7	20.0	48.188992	50.0	249143.0	2.40945	Y
6	STD50 460-866282/8	50.0	117.599916	50.0	251362.0	2.351998	Y
7	STD200 460-866282/9	200.0	472.614842	50.0	250256.0	2.363074	Y
8	STD500 460-866282/10	500.0	1100.694956	50.0	256635.0	2.20139	Y



Calibration

/ Butyl Methacrylate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

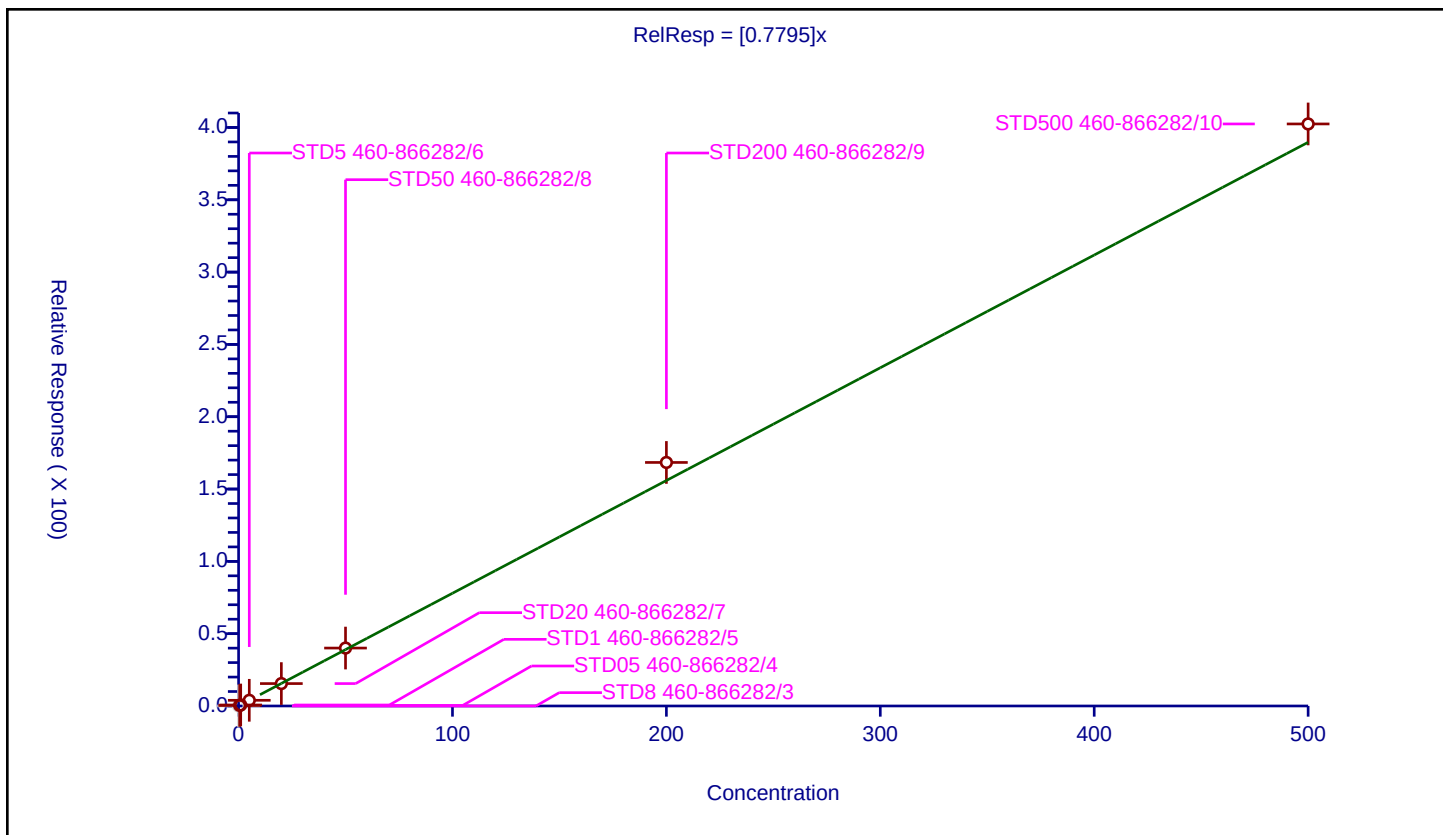
Curve Coefficients

Intercept: 0
 Slope: 0.7795

Error Coefficients

Standard Error: 915000
 Relative Standard Error: 6.3
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	50.0	335362.0	NaN	N
2	STD05 460-866282/4	0.5	0.381966	50.0	263636.0	0.763932	Y
3	STD1 460-866282/5	1.0	0.683351	50.0	260042.0	0.683351	Y
4	STD5 460-866282/6	5.0	3.934021	50.0	264386.0	0.786804	Y
5	STD20 460-866282/7	20.0	15.490702	50.0	249143.0	0.774535	Y
6	STD50 460-866282/8	50.0	40.058163	50.0	251362.0	0.801163	Y
7	STD200 460-866282/9	200.0	168.386173	50.0	250256.0	0.841931	Y
8	STD500 460-866282/10	500.0	402.434781	50.0	256635.0	0.80487	Y



Calibration

/ tert-Butylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

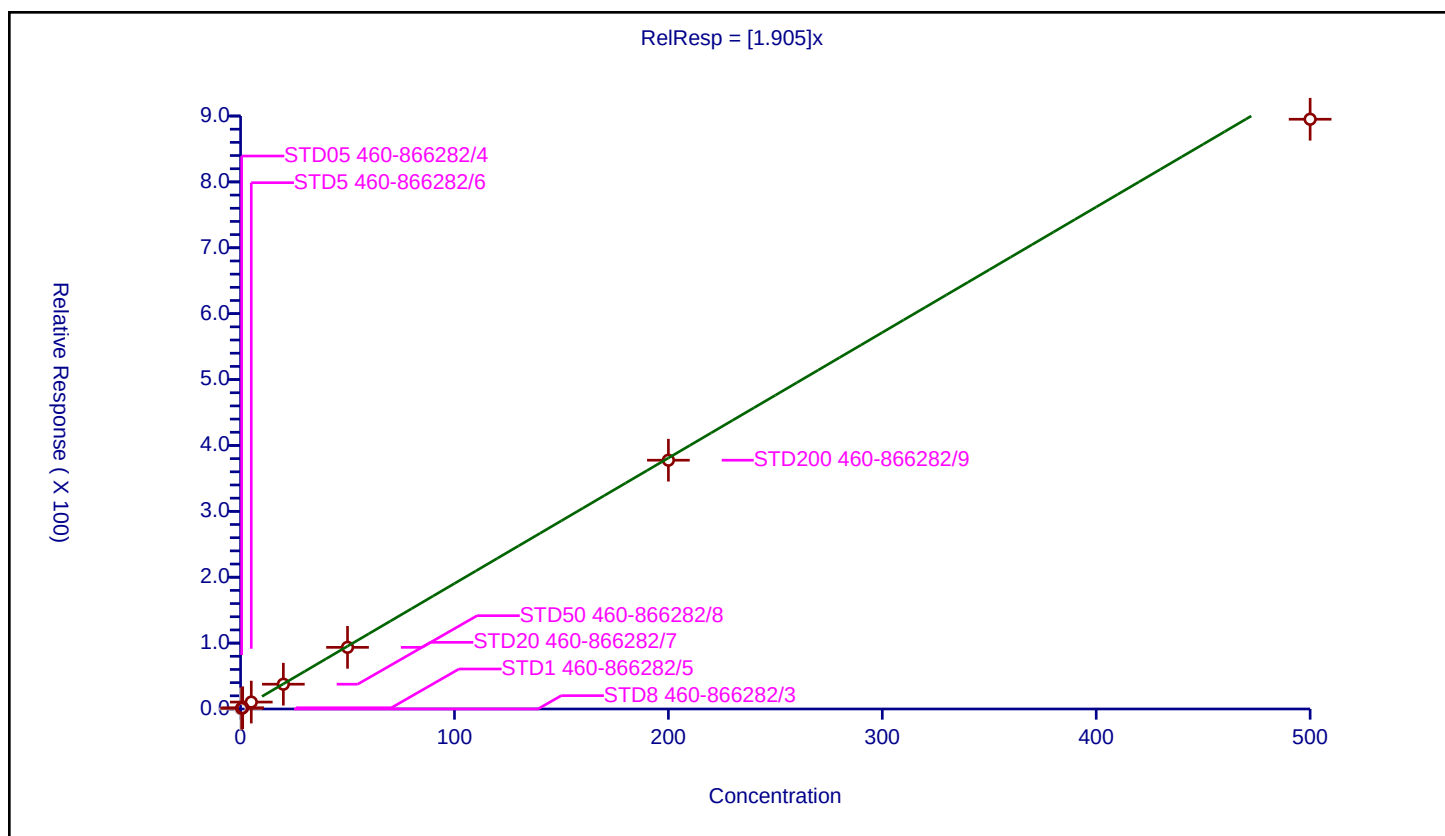
Curve Coefficients

Intercept: 0
Slope: 1.905

Error Coefficients

Standard Error: 2040000
Relative Standard Error: 5.0
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	50.0	335362.0	NaN	N
2	STD05 460-866282/4	0.5	0.955105	50.0	263636.0	1.91021	Y
3	STD1 460-866282/5	1.0	1.888157	50.0	260042.0	1.888157	Y
4	STD5 460-866282/6	5.0	10.516442	50.0	264386.0	2.103288	Y
5	STD20 460-866282/7	20.0	37.640231	50.0	249143.0	1.882012	Y
6	STD50 460-866282/8	50.0	93.572417	50.0	251362.0	1.871448	Y
7	STD200 460-866282/9	200.0	377.620517	50.0	250256.0	1.888103	Y
8	STD500 460-866282/10	500.0	895.112124	50.0	256635.0	1.790224	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

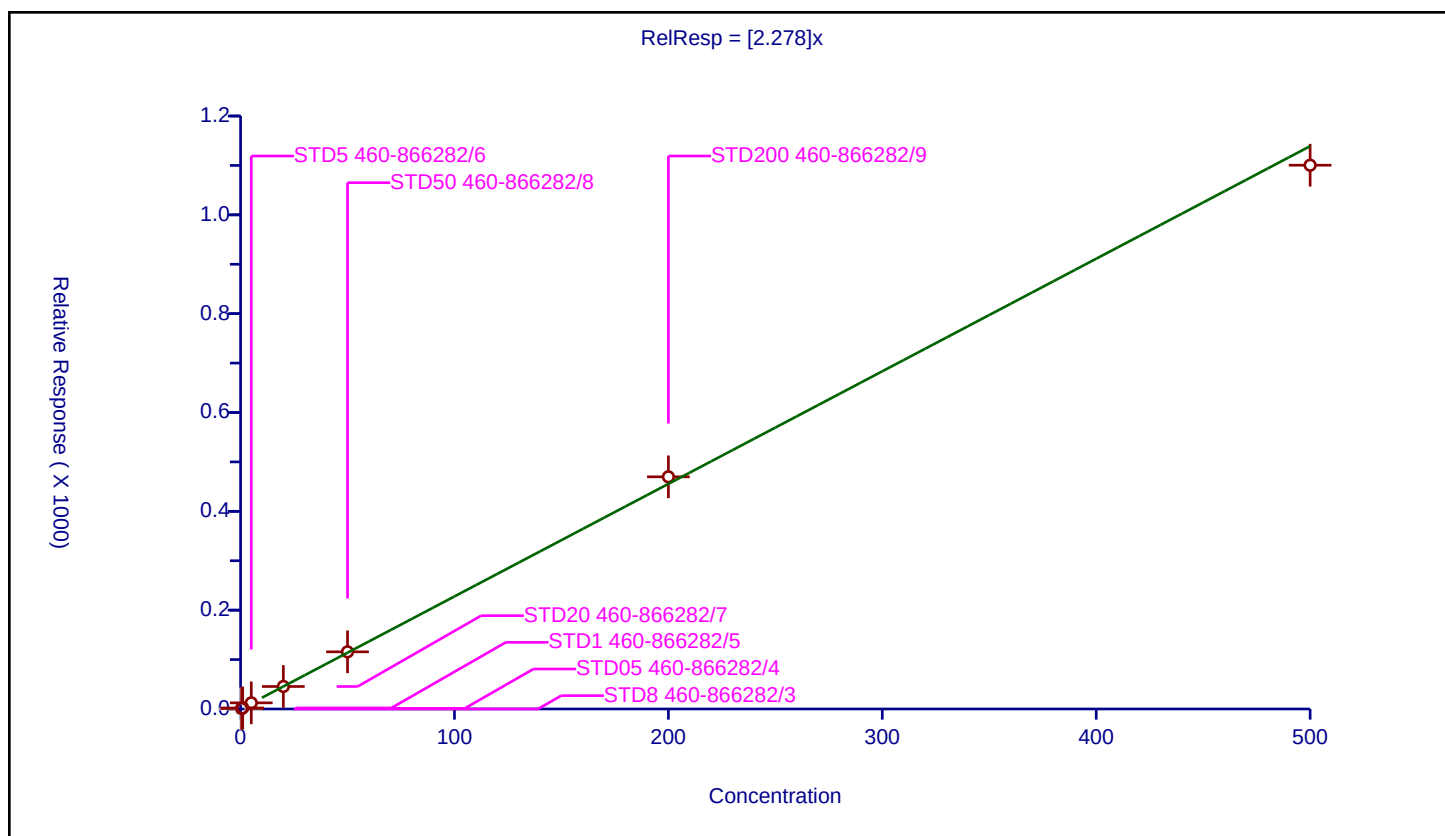
Curve Coefficients

Intercept: 0
 Slope: 2.278

Error Coefficients

Standard Error: 2510000
 Relative Standard Error: 5.5
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	50.0	335362.0	NaN	N
2	STD05 460-866282/4	0.5	1.118208	50.0	263636.0	2.236417	Y
3	STD1 460-866282/5	1.0	2.08351	50.0	260042.0	2.08351	Y
4	STD5 460-866282/6	5.0	12.422746	50.0	264386.0	2.484549	Y
5	STD20 460-866282/7	20.0	45.540312	50.0	249143.0	2.277016	Y
6	STD50 460-866282/8	50.0	115.690916	50.0	251362.0	2.313818	Y
7	STD200 460-866282/9	200.0	469.827696	50.0	250256.0	2.349138	Y
8	STD500 460-866282/10	500.0	1100.422974	50.0	256635.0	2.200846	Y



Calibration

/ sec-Butylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

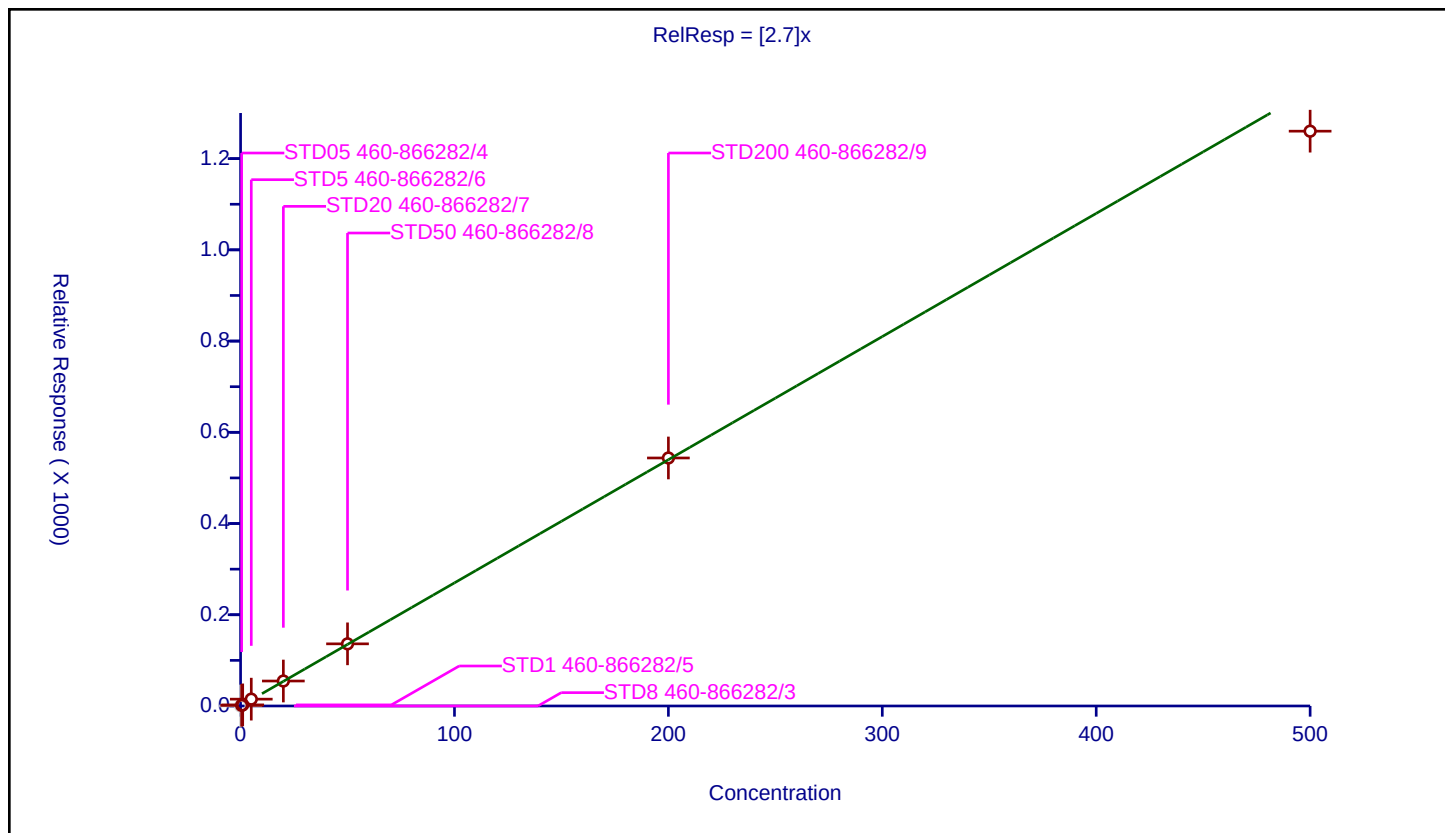
Curve Coefficients

Intercept: 0
Slope: 2.7

Error Coefficients

Standard Error: 2880000
Relative Standard Error: 6.8
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	50.0	335362.0	NaN	N
2	STD05 460-866282/4	0.5	1.380502	50.0	263636.0	2.761004	Y
3	STD1 460-866282/5	1.0	2.433261	50.0	260042.0	2.433261	Y
4	STD5 460-866282/6	5.0	15.011385	50.0	264386.0	3.002277	Y
5	STD20 460-866282/7	20.0	54.755903	50.0	249143.0	2.737795	Y
6	STD50 460-866282/8	50.0	136.253491	50.0	251362.0	2.72507	Y
7	STD200 460-866282/9	200.0	543.751199	50.0	250256.0	2.718756	Y
8	STD500 460-866282/10	500.0	1260.174177	50.0	256635.0	2.520348	Y



Calibration

/ 1,3-Dichlorobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

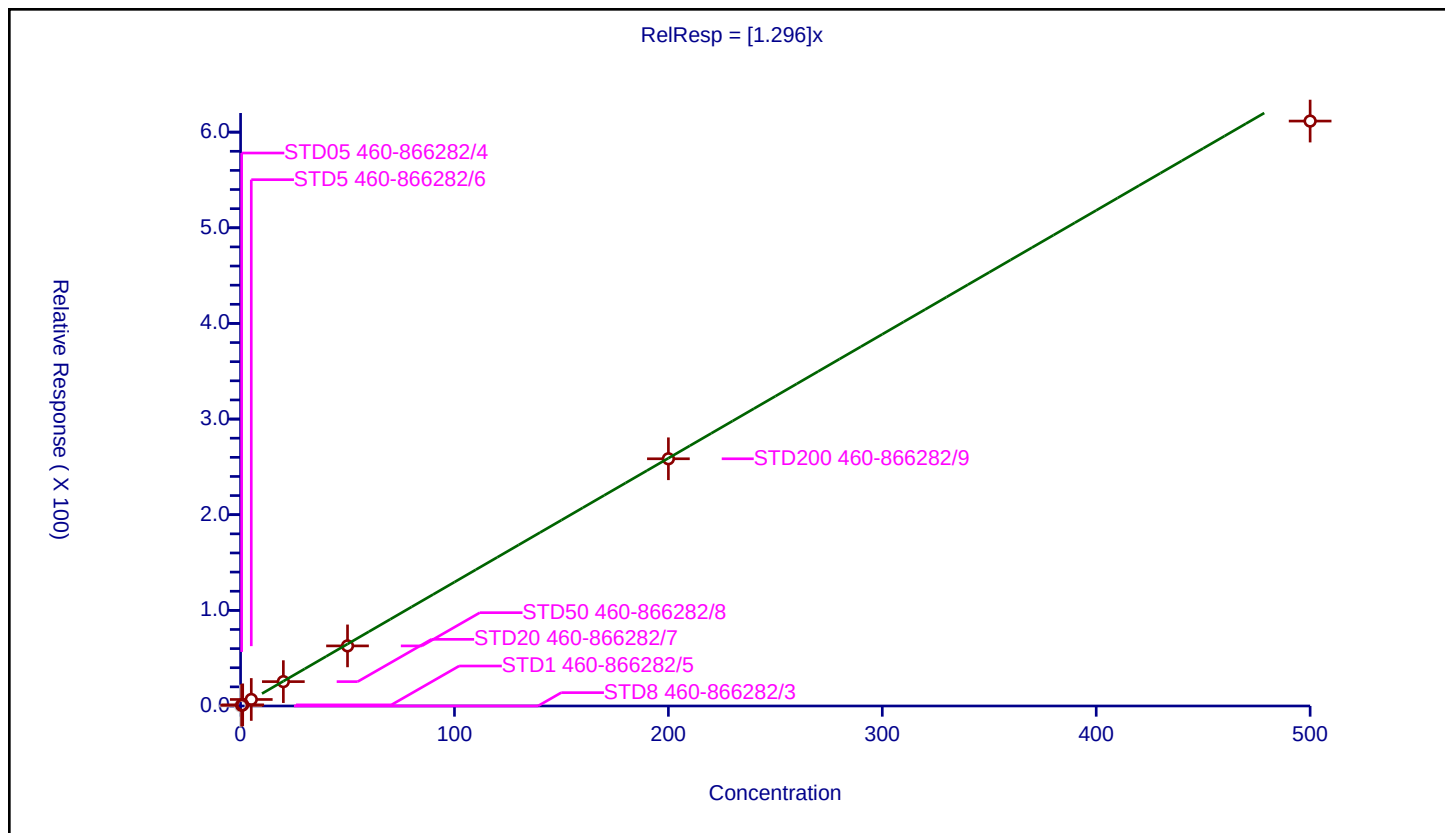
Curve Coefficients

Intercept: 0
 Slope: 1.296

Error Coefficients

Standard Error: 1390000
 Relative Standard Error: 7.2
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	50.0	335362.0	NaN	N
2	STD05 460-866282/4	0.5	0.735104	50.0	263636.0	1.470209	Y
3	STD1 460-866282/5	1.0	1.192692	50.0	260042.0	1.192692	Y
4	STD5 460-866282/6	5.0	6.80331	50.0	264386.0	1.360662	Y
5	STD20 460-866282/7	20.0	25.464091	50.0	249143.0	1.273205	Y
6	STD50 460-866282/8	50.0	62.819957	50.0	251362.0	1.256399	Y
7	STD200 460-866282/9	200.0	258.485111	50.0	250256.0	1.292426	Y
8	STD500 460-866282/10	500.0	611.582403	50.0	256635.0	1.223165	Y



Calibration

/ 4-Isopropyltoluene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

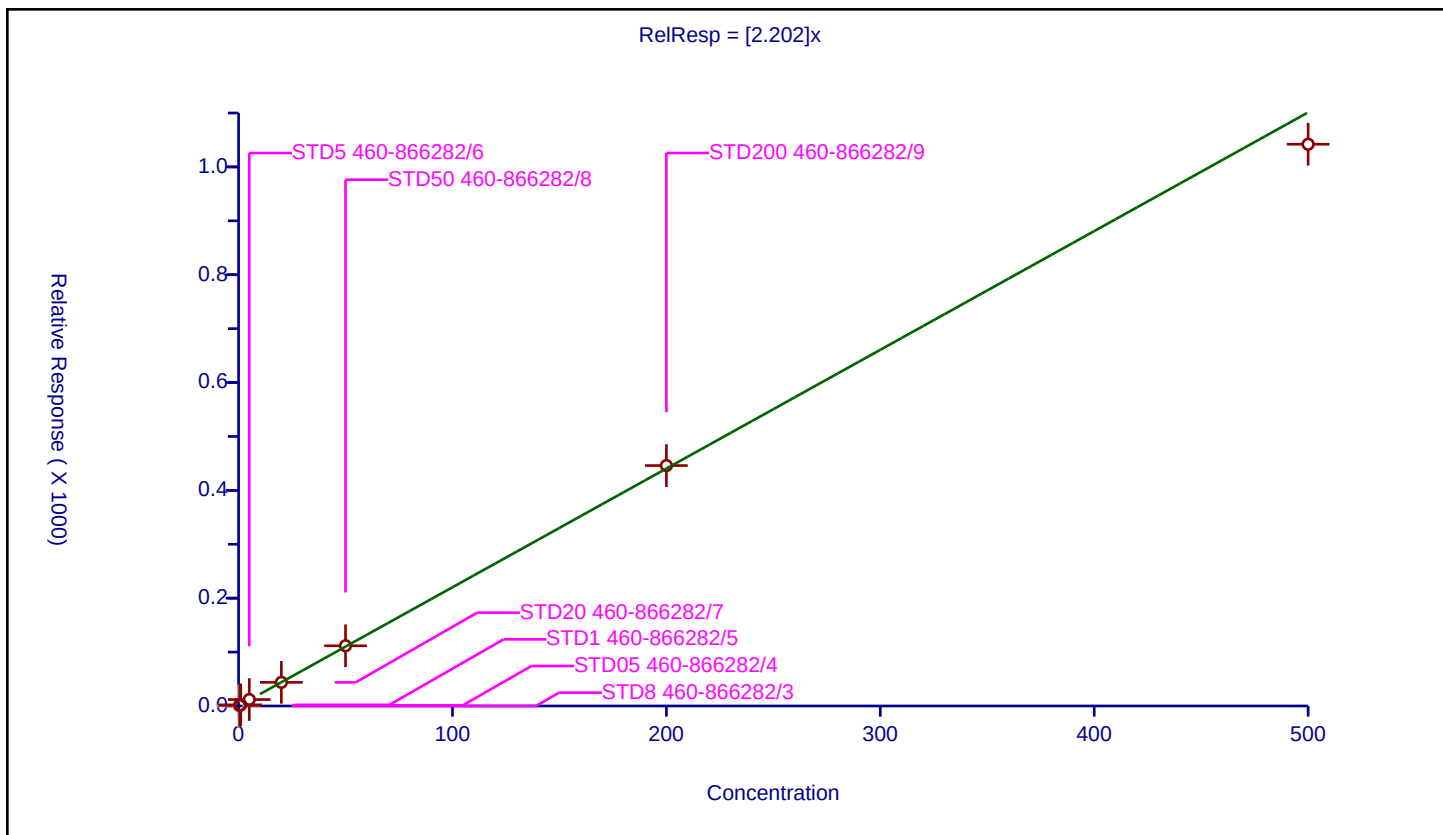
Curve Coefficients

Intercept: 0
 Slope: 2.202

Error Coefficients

Standard Error: 2380000
 Relative Standard Error: 4.7
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	50.0	335362.0	NaN	N
2	STD05 460-866282/4	0.5	1.096019	50.0	263636.0	2.192038	Y
3	STD1 460-866282/5	1.0	2.095431	50.0	260042.0	2.095431	Y
4	STD5 460-866282/6	5.0	11.955436	50.0	264386.0	2.391087	Y
5	STD20 460-866282/7	20.0	43.798742	50.0	249143.0	2.189937	Y
6	STD50 460-866282/8	50.0	111.686532	50.0	251362.0	2.233731	Y
7	STD200 460-866282/9	200.0	445.958738	50.0	250256.0	2.229794	Y
8	STD500 460-866282/10	500.0	1042.093635	50.0	256635.0	2.084187	Y



Calibration

/ 1,4-Dichlorobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

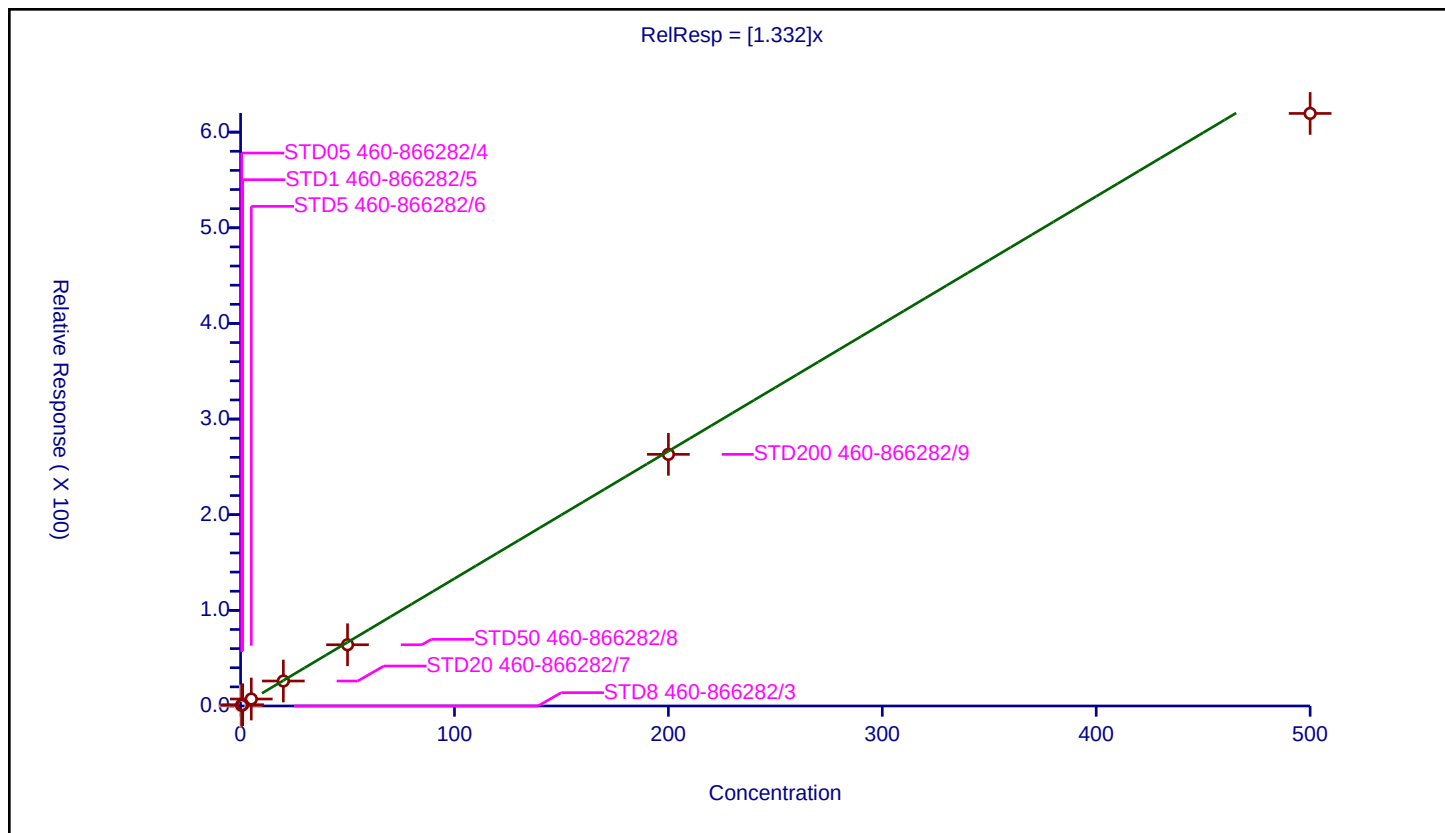
Curve Coefficients

Intercept: 0
 Slope: 1.332

Error Coefficients

Standard Error: 1410000
 Relative Standard Error: 5.5
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	50.0	335362.0	NaN	N
2	STD05 460-866282/4	0.5	0.697173	50.0	263636.0	1.394347	Y
3	STD1 460-866282/5	1.0	1.333246	50.0	260042.0	1.333246	Y
4	STD5 460-866282/6	5.0	7.282345	50.0	264386.0	1.456469	Y
5	STD20 460-866282/7	20.0	26.103483	50.0	249143.0	1.305174	Y
6	STD50 460-866282/8	50.0	64.027578	50.0	251362.0	1.280552	Y
7	STD200 460-866282/9	200.0	263.117767	50.0	250256.0	1.315589	Y
8	STD500 460-866282/10	500.0	619.549555	50.0	256635.0	1.239099	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

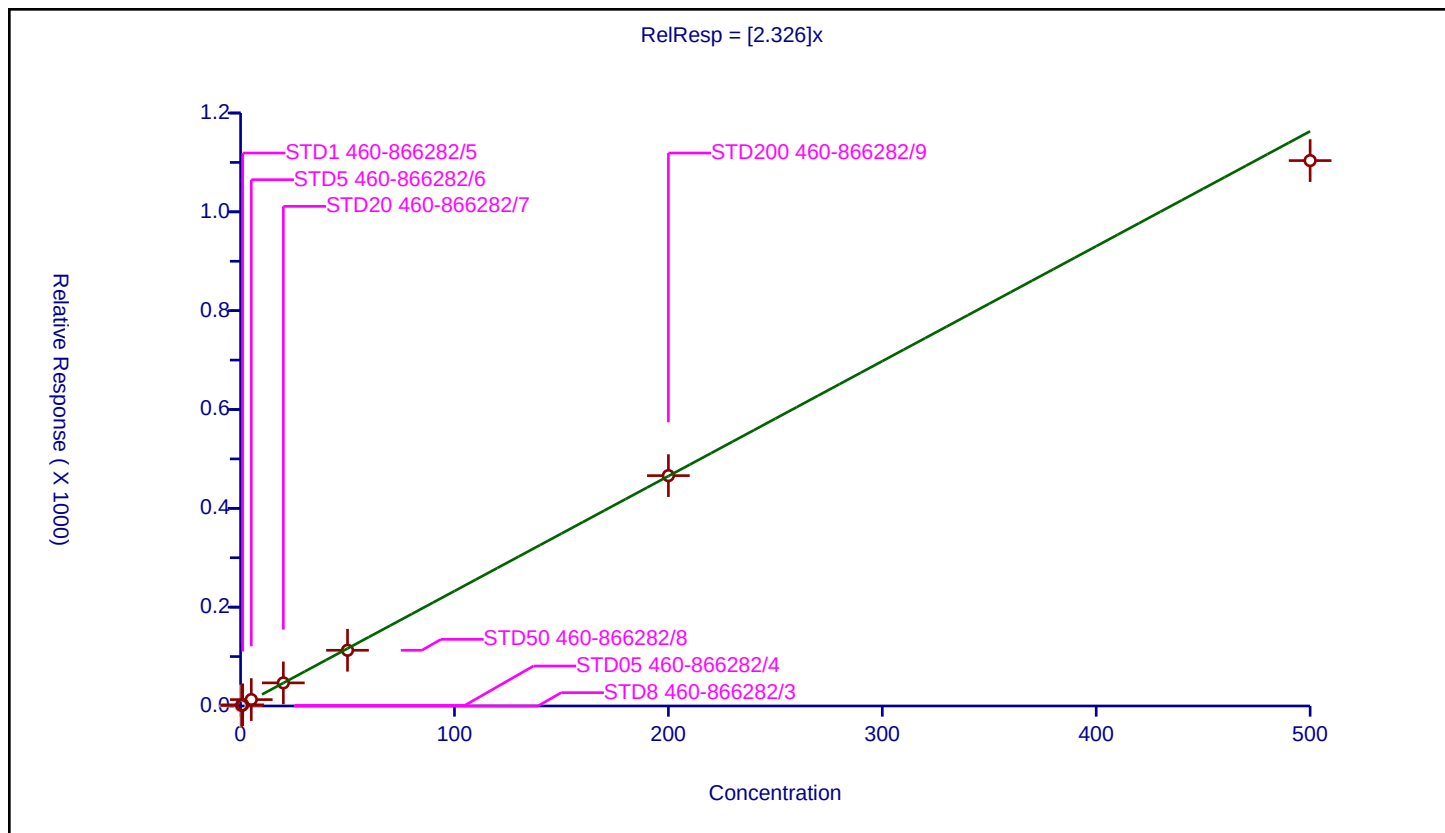
Curve Coefficients

Intercept: 0
 Slope: 2.326

Error Coefficients

Standard Error: 2510000
 Relative Standard Error: 5.4
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	50.0	335362.0	NaN	N
2	STD05 460-866282/4	0.5	1.116502	50.0	263636.0	2.233003	Y
3	STD1 460-866282/5	1.0	2.337507	50.0	260042.0	2.337507	Y
4	STD5 460-866282/6	5.0	12.909912	50.0	264386.0	2.581982	Y
5	STD20 460-866282/7	20.0	46.742634	50.0	249143.0	2.337132	Y
6	STD50 460-866282/8	50.0	112.737804	50.0	251362.0	2.254756	Y
7	STD200 460-866282/9	200.0	466.200411	50.0	250256.0	2.331002	Y
8	STD500 460-866282/10	500.0	1103.743449	50.0	256635.0	2.207487	Y



Calibration

/ Benzyl chloride

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

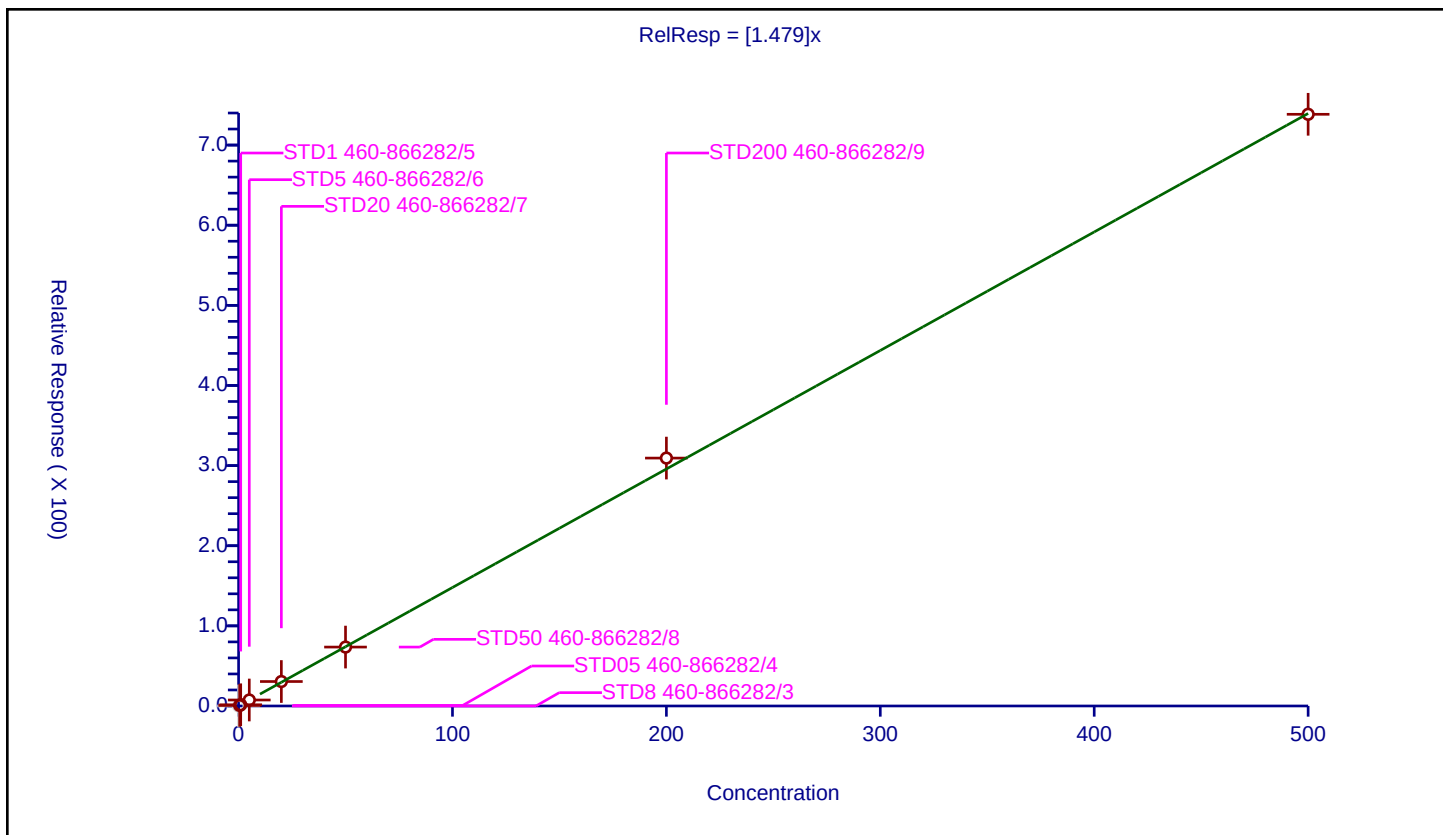
Curve Coefficients

Intercept: 0
 Slope: 1.479

Error Coefficients

Standard Error: 1680000
 Relative Standard Error: 4.6
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	50.0	335362.0	NaN	N
2	STD05 460-866282/4	0.5	0.669294	50.0	263636.0	1.338588	Y
3	STD1 460-866282/5	1.0	1.497643	50.0	260042.0	1.497643	Y
4	STD5 460-866282/6	5.0	7.476379	50.0	264386.0	1.495276	Y
5	STD20 460-866282/7	20.0	30.53086	50.0	249143.0	1.526543	Y
6	STD50 460-866282/8	50.0	73.519665	50.0	251362.0	1.470393	Y
7	STD200 460-866282/9	200.0	309.381993	50.0	250256.0	1.54691	Y
8	STD500 460-866282/10	500.0	738.411168	50.0	256635.0	1.476822	Y



Calibration

/ 2,3-Dihydroindene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

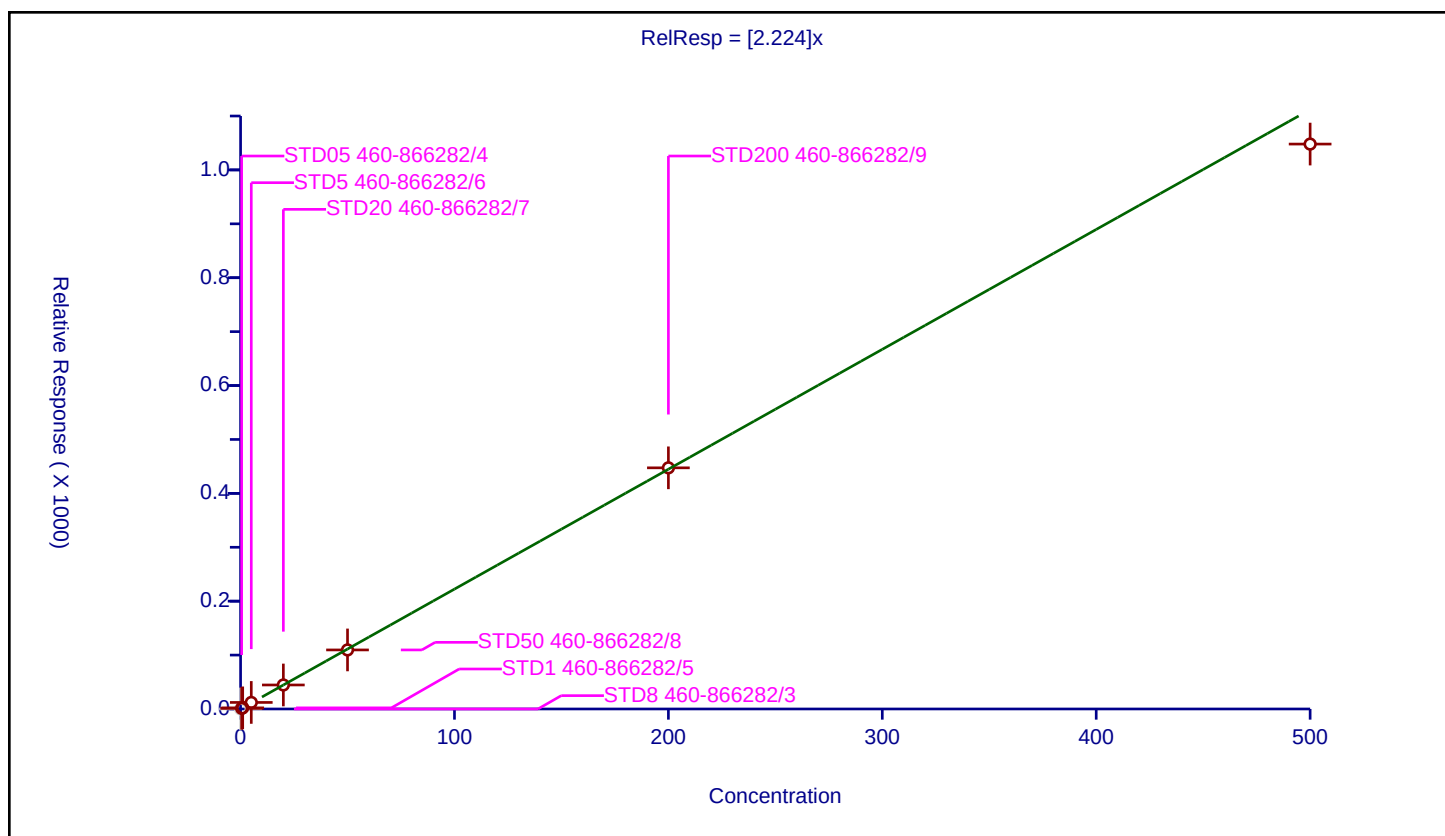
Curve Coefficients

Intercept: 0
Slope: 2.224

Error Coefficients

Standard Error: 2390000
Relative Standard Error: 5.1
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	50.0	335362.0	NaN	N
2	STD05 460-866282/4	0.5	1.13964	50.0	263636.0	2.279279	Y
3	STD1 460-866282/5	1.0	2.103699	50.0	260042.0	2.103699	Y
4	STD5 460-866282/6	5.0	12.161574	50.0	264386.0	2.432315	Y
5	STD20 460-866282/7	20.0	44.56256	50.0	249143.0	2.228128	Y
6	STD50 460-866282/8	50.0	109.554945	50.0	251362.0	2.191099	Y
7	STD200 460-866282/9	200.0	447.3633	50.0	250256.0	2.236816	Y
8	STD500 460-866282/10	500.0	1047.955267	50.0	256635.0	2.095911	Y



Calibration

/ p-Diethylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

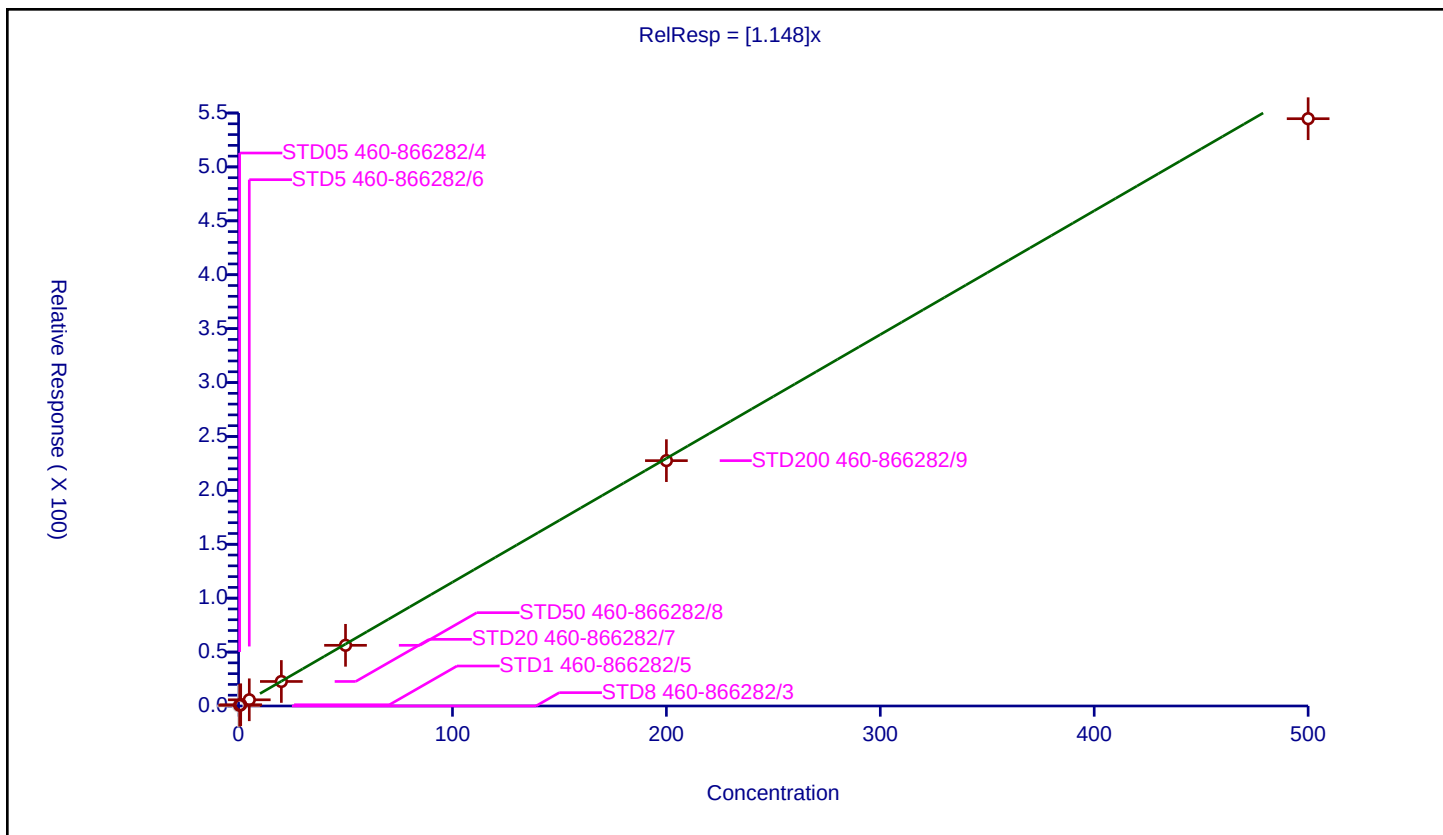
Curve Coefficients

Intercept: 0
Slope: 1.148

Error Coefficients

Standard Error: 1240000
Relative Standard Error: 4.4
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	50.0	335362.0	NaN	N
2	STD05 460-866282/4	0.5	0.62757	50.0	263636.0	1.25514	Y
3	STD1 460-866282/5	1.0	1.143854	50.0	260042.0	1.143854	Y
4	STD5 460-866282/6	5.0	5.746522	50.0	264386.0	1.149304	Y
5	STD20 460-866282/7	20.0	22.732326	50.0	249143.0	1.136616	Y
6	STD50 460-866282/8	50.0	56.289336	50.0	251362.0	1.125787	Y
7	STD200 460-866282/9	200.0	227.566971	50.0	250256.0	1.137835	Y
8	STD500 460-866282/10	500.0	544.727531	50.0	256635.0	1.089455	Y



Calibration

/ n-Butylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

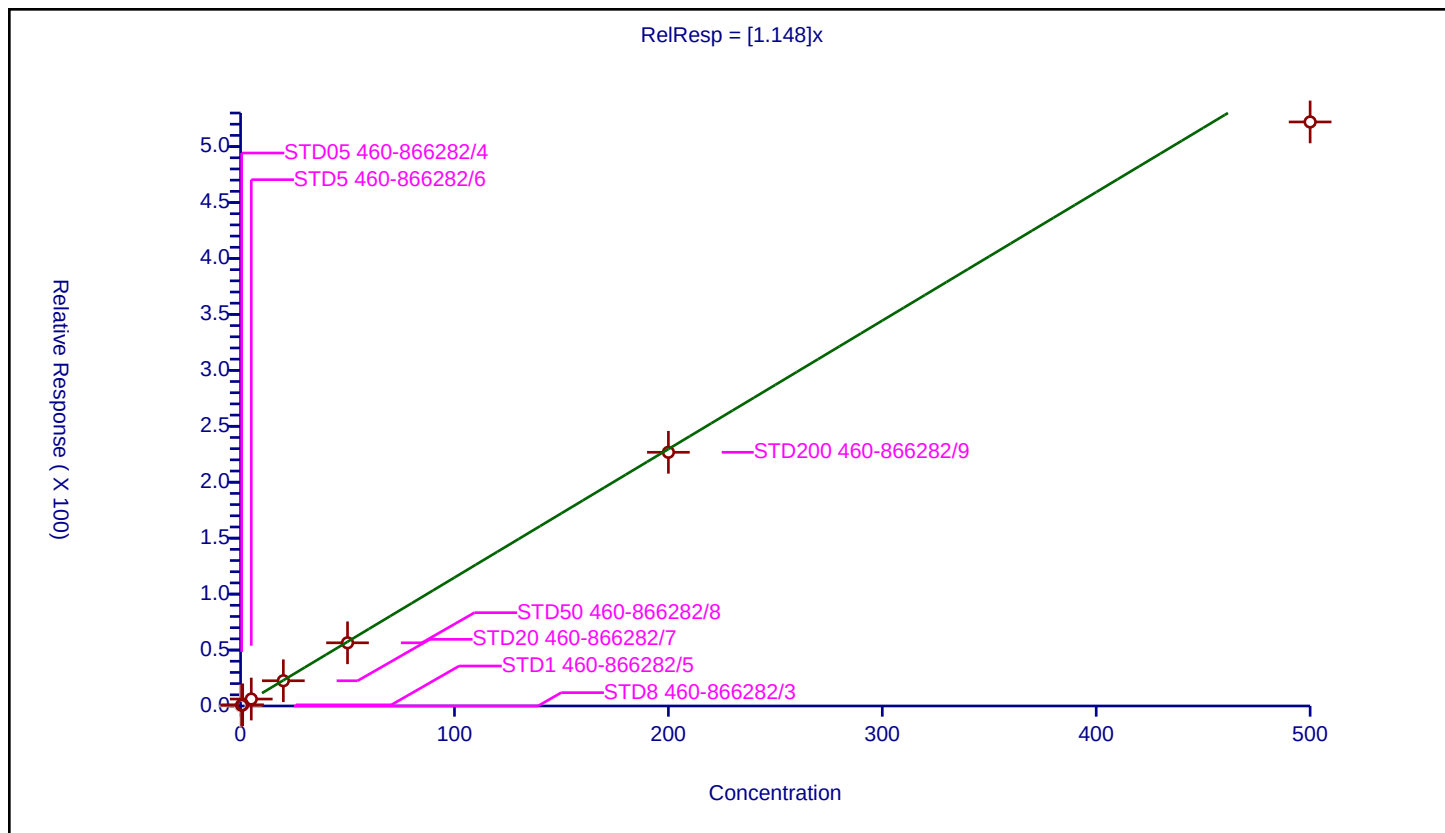
Curve Coefficients

Intercept: 0
 Slope: 1.148

Error Coefficients

Standard Error: 1190000
 Relative Standard Error: 9.0
 Correlation Coefficient: 0.999
 Coefficient of Determination (Adjusted): 0.989

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	50.0	335362.0	NaN	N
2	STD05 460-866282/4	0.5	0.662466	50.0	263636.0	1.324933	Y
3	STD1 460-866282/5	1.0	1.035794	50.0	260042.0	1.035794	Y
4	STD5 460-866282/6	5.0	6.208347	50.0	264386.0	1.241669	Y
5	STD20 460-866282/7	20.0	22.55532	50.0	249143.0	1.127766	Y
6	STD50 460-866282/8	50.0	56.474328	50.0	251362.0	1.129487	Y
7	STD200 460-866282/9	200.0	226.761396	50.0	250256.0	1.133807	Y
8	STD500 460-866282/10	500.0	522.016288	50.0	256635.0	1.044033	Y



Calibration

/ 1,2-Dichlorobenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

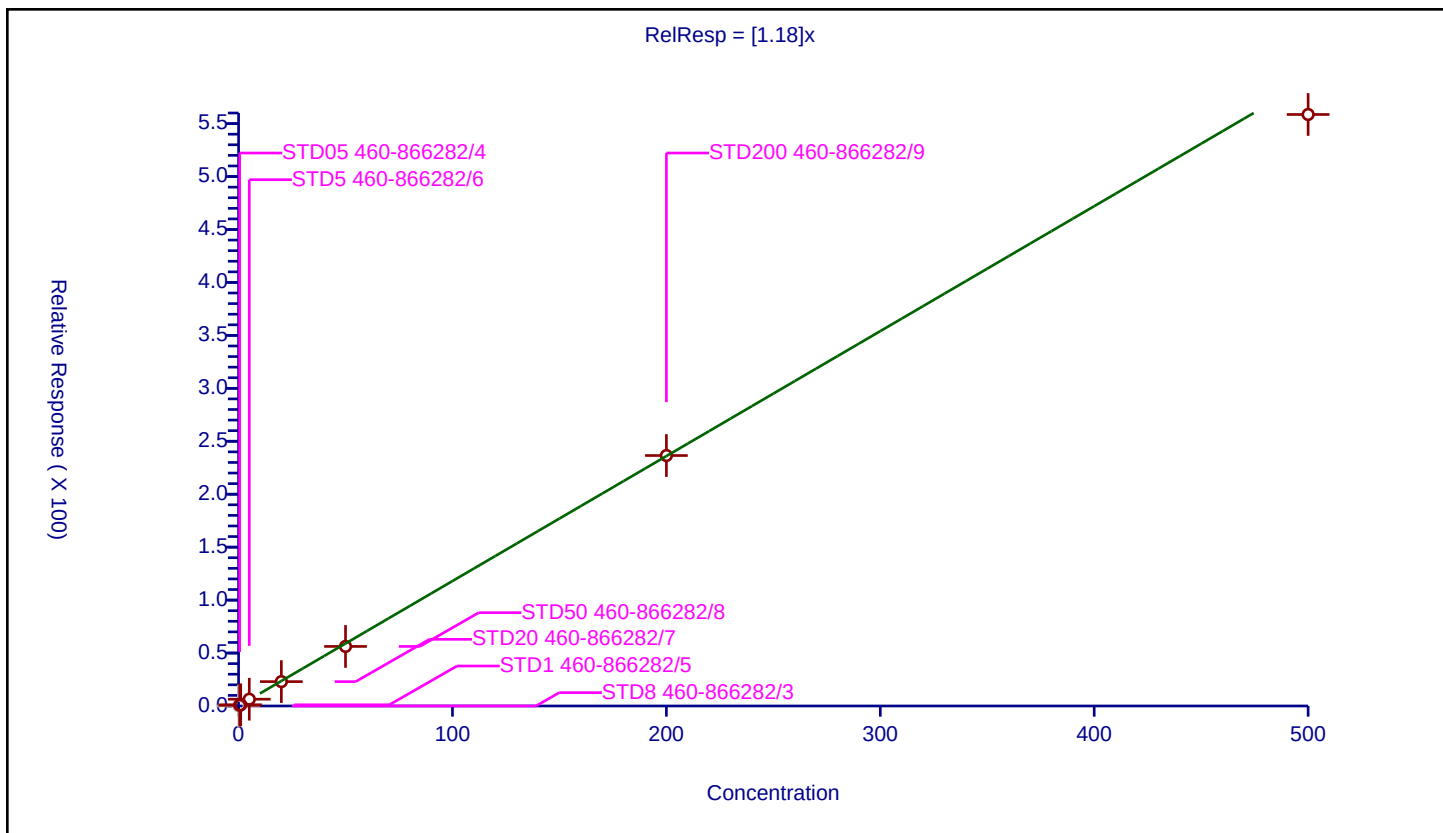
Curve Coefficients

Intercept: 0
Slope: 1.18

Error Coefficients

Standard Error: 1270000
Relative Standard Error: 5.6
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	50.0	335362.0	NaN	N
2	STD05 460-866282/4	0.5	0.631742	50.0	263636.0	1.263485	Y
3	STD1 460-866282/5	1.0	1.141354	50.0	260042.0	1.141354	Y
4	STD5 460-866282/6	5.0	6.399734	50.0	264386.0	1.279947	Y
5	STD20 460-866282/7	20.0	23.016099	50.0	249143.0	1.150805	Y
6	STD50 460-866282/8	50.0	56.245176	50.0	251362.0	1.124904	Y
7	STD200 460-866282/9	200.0	236.54338	50.0	250256.0	1.182717	Y
8	STD500 460-866282/10	500.0	558.603659	50.0	256635.0	1.117207	Y



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

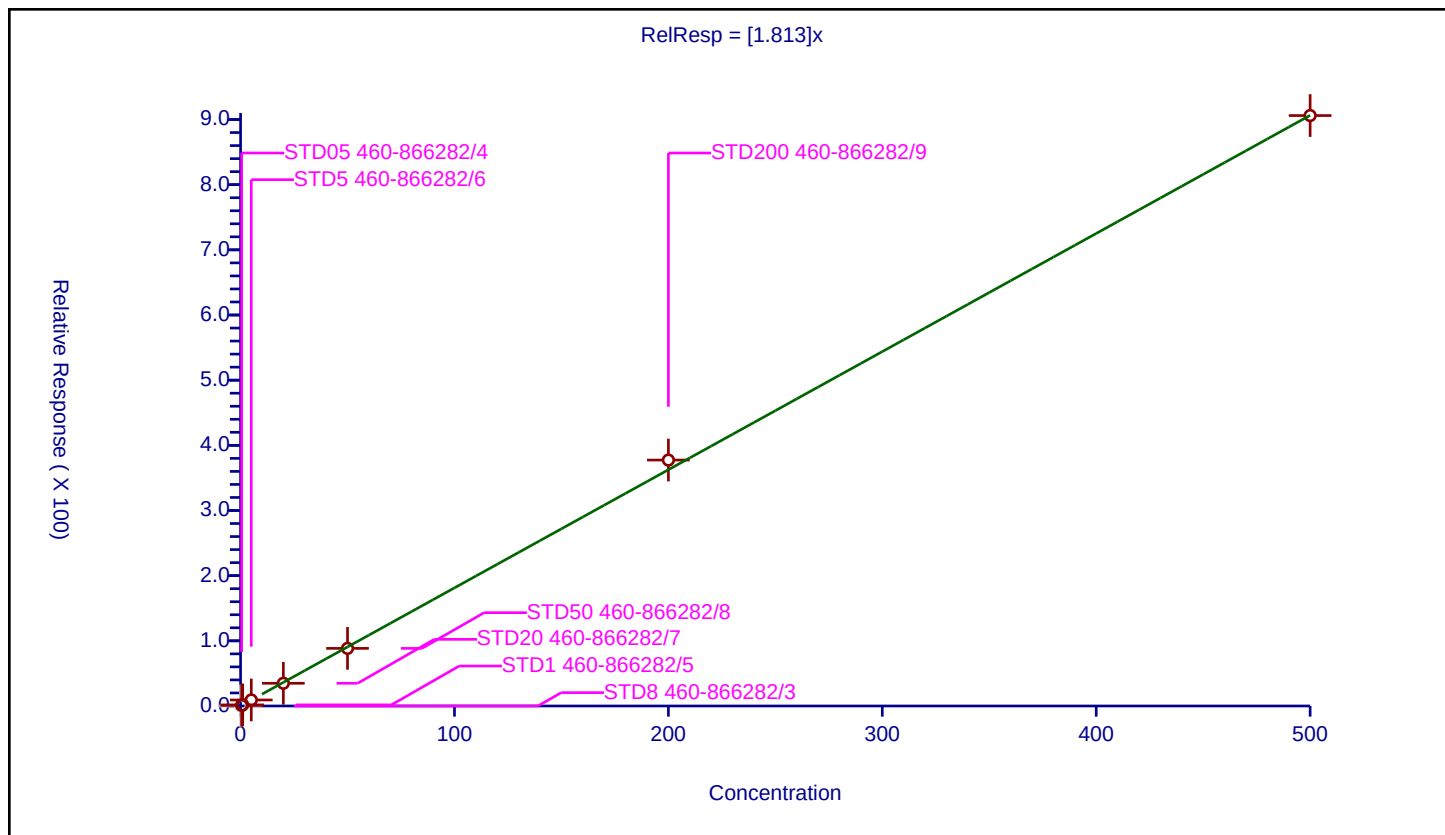
Curve Coefficients

Intercept: 0
 Slope: 1.813

Error Coefficients

Standard Error: 2060000
 Relative Standard Error: 4.8
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	50.0	335362.0	NaN	N
2	STD05 460-866282/4	0.5	0.970657	50.0	263636.0	1.941313	Y
3	STD1 460-866282/5	1.0	1.691842	50.0	260042.0	1.691842	Y
4	STD5 460-866282/6	5.0	9.237819	50.0	264386.0	1.847564	Y
5	STD20 460-866282/7	20.0	34.841637	50.0	249143.0	1.742082	Y
6	STD50 460-866282/8	50.0	88.397212	50.0	251362.0	1.767944	Y
7	STD200 460-866282/9	200.0	377.408134	50.0	250256.0	1.887041	Y
8	STD500 460-866282/10	500.0	906.100298	50.0	256635.0	1.812201	Y



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

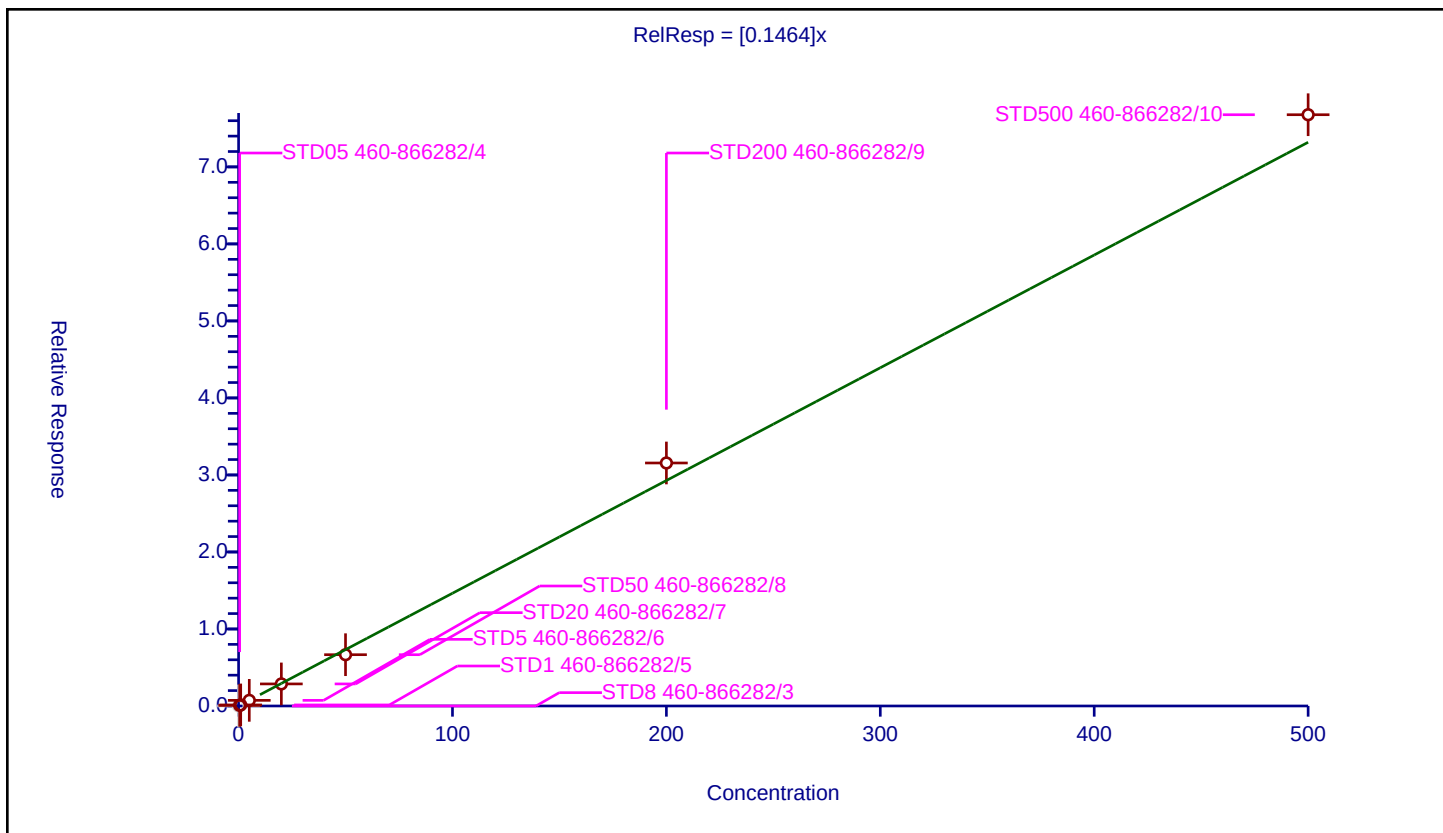
Curve Coefficients

Intercept: 0
 Slope: 0.1464

Error Coefficients

Standard Error: 174000
 Relative Standard Error: 6.7
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	50.0	335362.0	NaN	N
2	STD05 460-866282/4	0.5	0.077759	50.0	263636.0	0.155517	Y
3	STD1 460-866282/5	1.0	0.135363	50.0	260042.0	0.135363	Y
4	STD5 460-866282/6	5.0	0.73075	50.0	264386.0	0.14615	Y
5	STD20 460-866282/7	20.0	2.865222	50.0	249143.0	0.143261	Y
6	STD50 460-866282/8	50.0	6.659718	50.0	251362.0	0.133194	Y
7	STD200 460-866282/9	200.0	31.554888	50.0	250256.0	0.157774	Y
8	STD500 460-866282/10	500.0	76.778888	50.0	256635.0	0.153558	Y



Calibration

/ 1,3,5-Trichlorobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

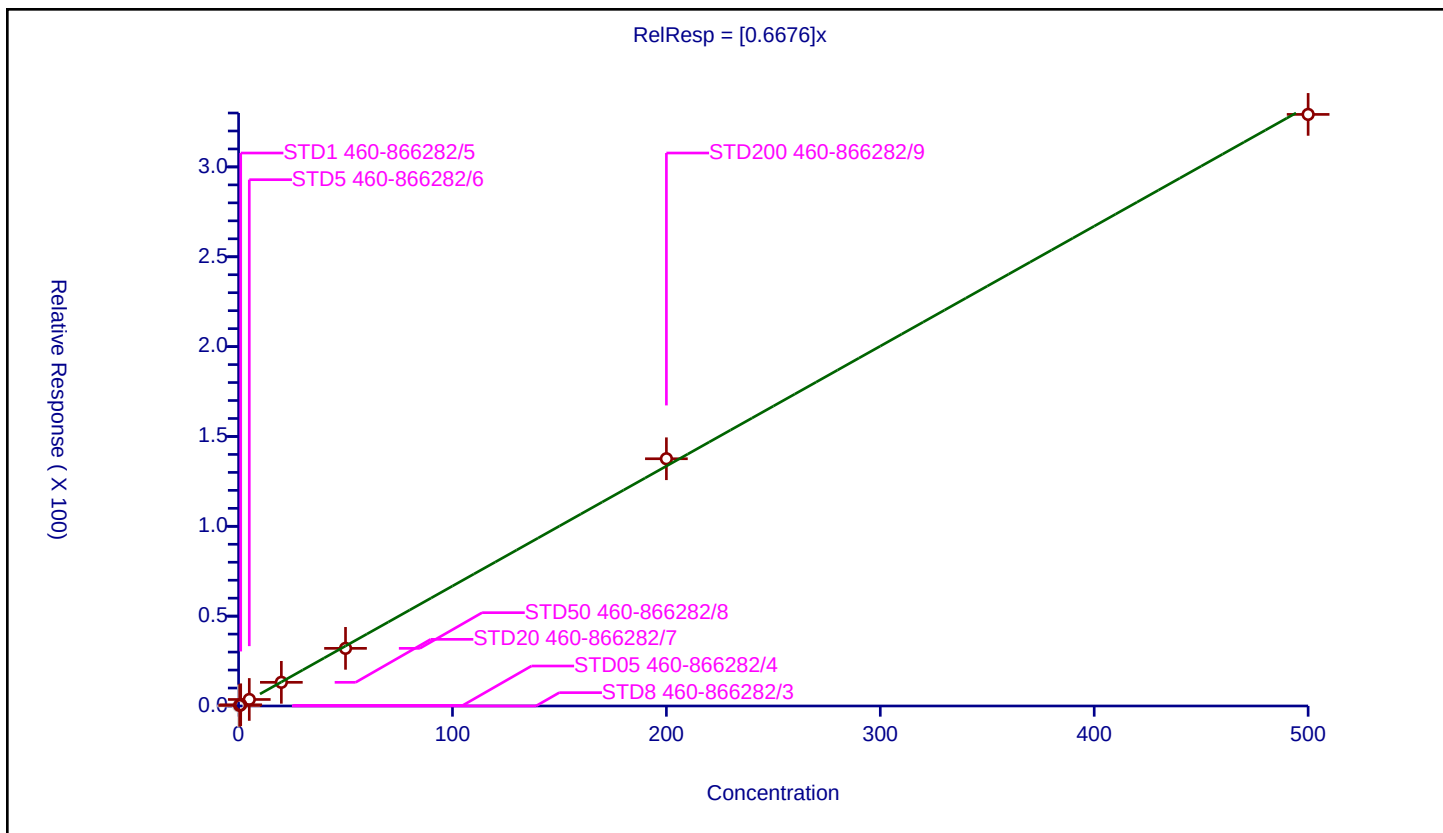
Curve Coefficients

Intercept: 0
 Slope: 0.6676

Error Coefficients

Standard Error: 748000
 Relative Standard Error: 4.8
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	50.0	335362.0	NaN	N
2	STD05 460-866282/4	0.5	0.315776	50.0	263636.0	0.631553	Y
3	STD1 460-866282/5	1.0	0.66893	50.0	260042.0	0.66893	Y
4	STD5 460-866282/6	5.0	3.632378	50.0	264386.0	0.726476	Y
5	STD20 460-866282/7	20.0	13.163525	50.0	249143.0	0.658176	Y
6	STD50 460-866282/8	50.0	32.072469	50.0	251362.0	0.641449	Y
7	STD200 460-866282/9	200.0	137.591506	50.0	250256.0	0.687958	Y
8	STD500 460-866282/10	500.0	329.228671	50.0	256635.0	0.658457	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

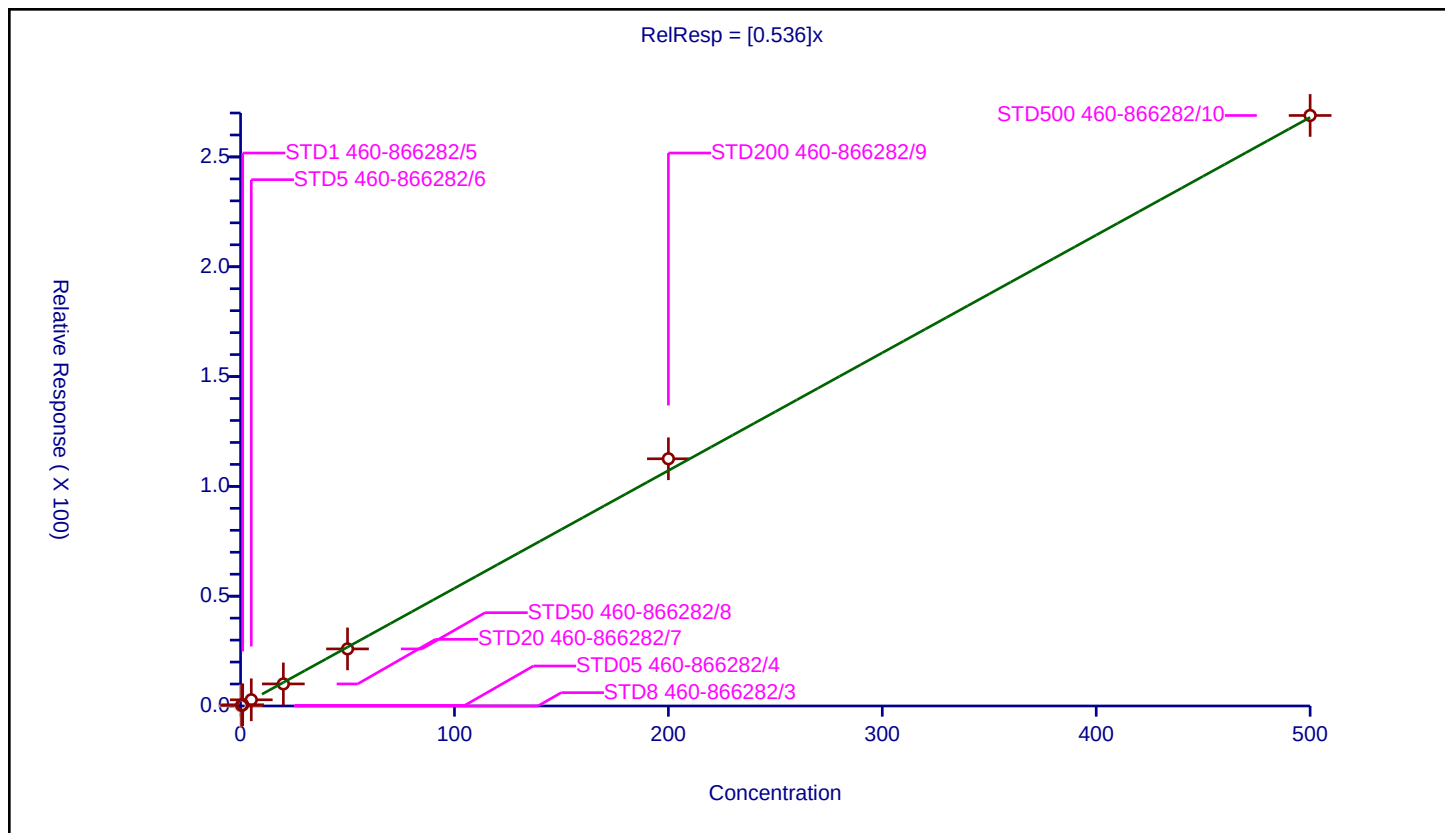
Curve Coefficients

Intercept: 0
 Slope: 0.536

Error Coefficients

Standard Error: 611000
 Relative Standard Error: 4.5
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	50.0	335362.0	NaN	N
2	STD05 460-866282/4	0.5	0.257552	50.0	263636.0	0.515104	Y
3	STD1 460-866282/5	1.0	0.551065	50.0	260042.0	0.551065	Y
4	STD5 460-866282/6	5.0	2.817471	50.0	264386.0	0.563494	Y
5	STD20 460-866282/7	20.0	10.045034	50.0	249143.0	0.502252	Y
6	STD50 460-866282/8	50.0	25.990205	50.0	251362.0	0.519804	Y
7	STD200 460-866282/9	200.0	112.569529	50.0	250256.0	0.562848	Y
8	STD500 460-866282/10	500.0	268.885187	50.0	256635.0	0.53777	Y



Calibration

/ Hexachlorobutadiene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

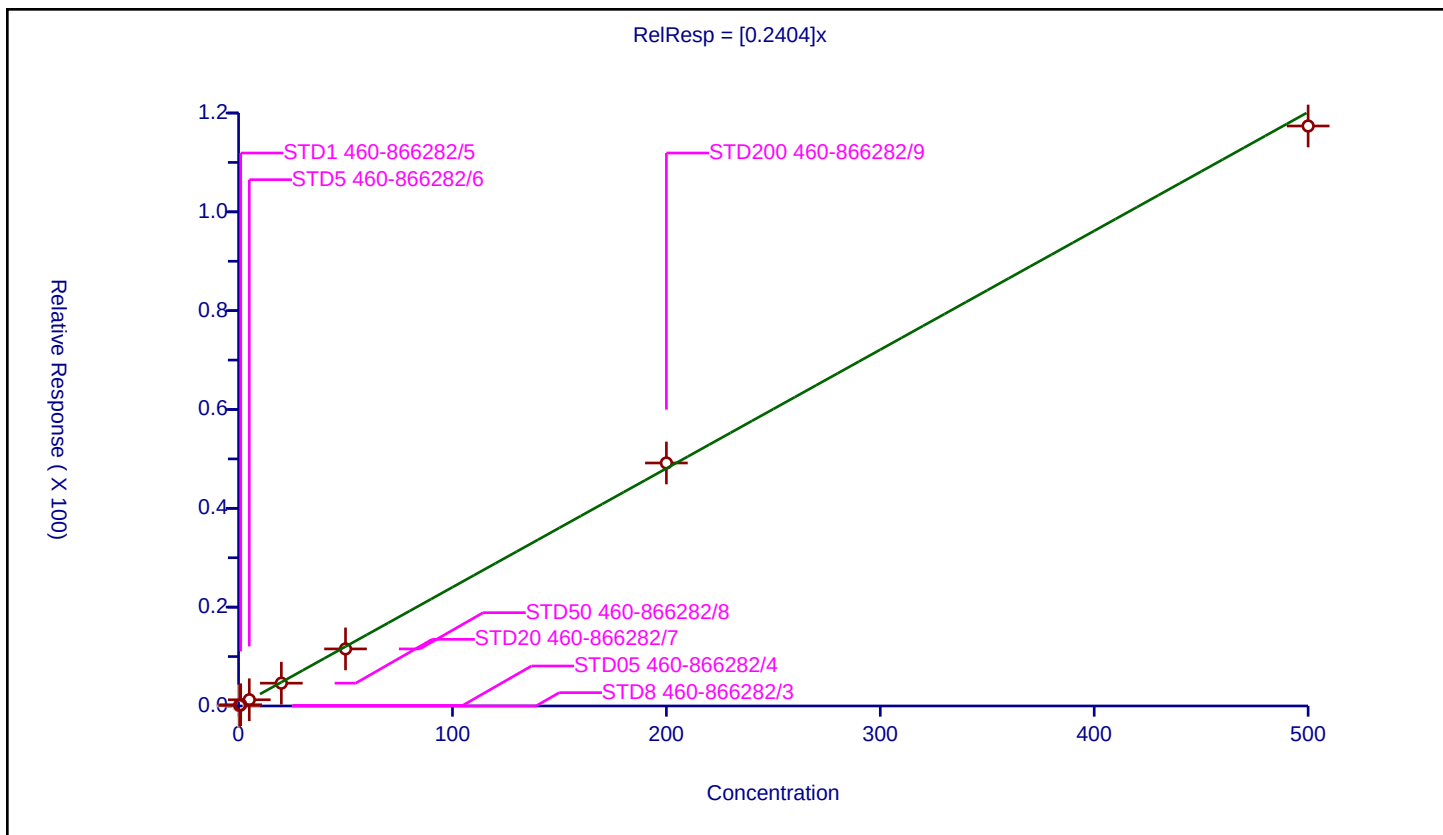
Curve Coefficients

Intercept: 0
 Slope: 0.2404

Error Coefficients

Standard Error: 267000
 Relative Standard Error: 3.9
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	50.0	335362.0	NaN	N
2	STD05 460-866282/4	0.5	0.117966	50.0	263636.0	0.235931	Y
3	STD1 460-866282/5	1.0	0.252075	50.0	260042.0	0.252075	Y
4	STD5 460-866282/6	5.0	1.260846	50.0	264386.0	0.252169	Y
5	STD20 460-866282/7	20.0	4.615221	50.0	249143.0	0.230761	Y
6	STD50 460-866282/8	50.0	11.551865	50.0	251362.0	0.231037	Y
7	STD200 460-866282/9	200.0	49.176044	50.0	250256.0	0.24588	Y
8	STD500 460-866282/10	500.0	117.372533	50.0	256635.0	0.234745	Y



Calibration

/ Naphthalene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

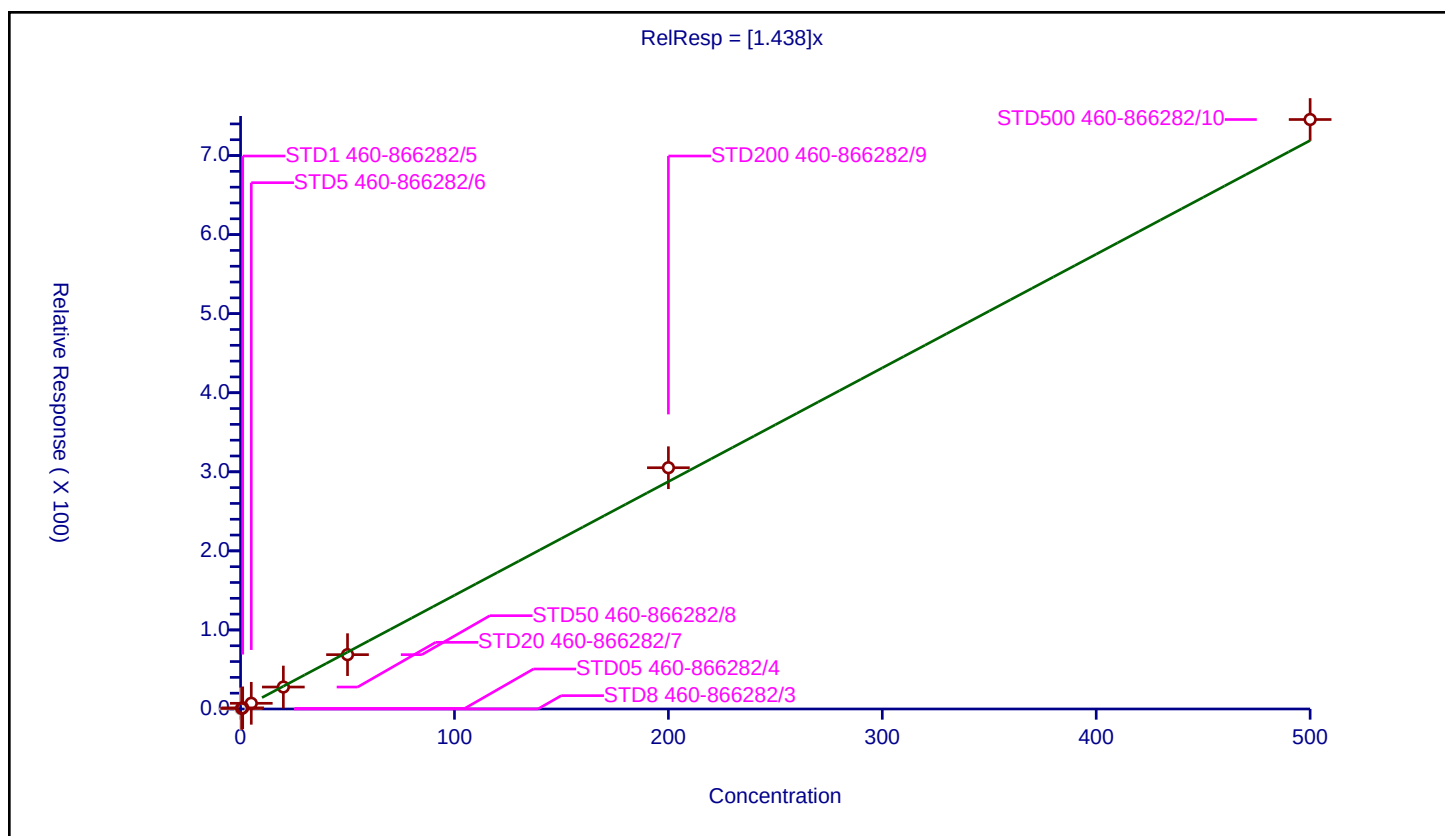
Curve Coefficients

Intercept: 0
 Slope: 1.438

Error Coefficients

Standard Error: 1690000
 Relative Standard Error: 3.8
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	50.0	335362.0	NaN	N
2	STD05 460-866282/4	0.5	0.704191	50.0	263636.0	1.408381	Y
3	STD1 460-866282/5	1.0	1.43996	50.0	260042.0	1.43996	Y
4	STD5 460-866282/6	5.0	7.194973	50.0	264386.0	1.438995	Y
5	STD20 460-866282/7	20.0	27.759359	50.0	249143.0	1.387968	Y
6	STD50 460-866282/8	50.0	68.718223	50.0	251362.0	1.374364	Y
7	STD200 460-866282/9	200.0	305.157718	50.0	250256.0	1.525789	Y
8	STD500 460-866282/10	500.0	745.566466	50.0	256635.0	1.491133	Y



Calibration

/ 1,2,3-Trichlorobenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

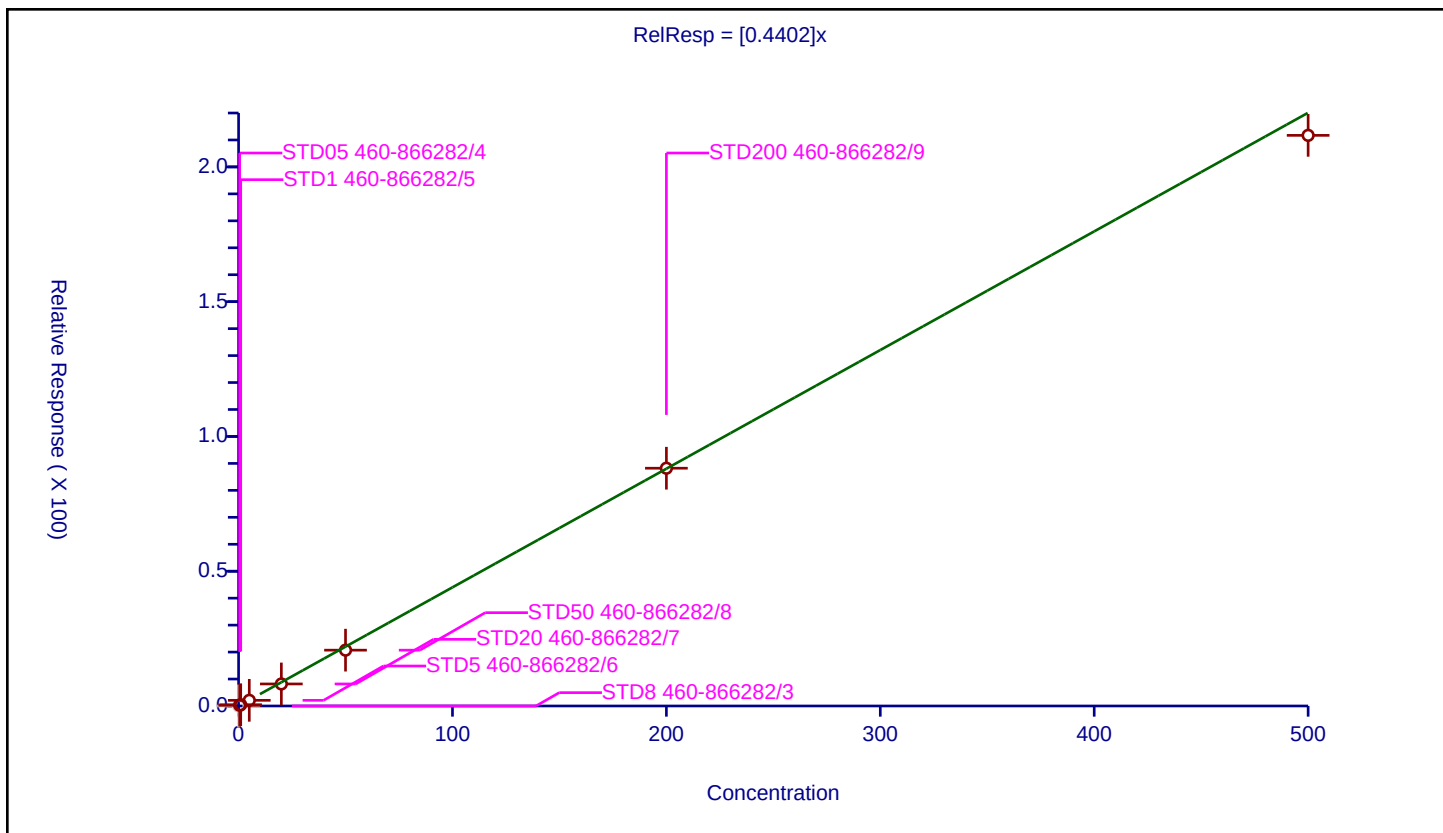
Curve Coefficients

Intercept: 0
 Slope: 0.4402

Error Coefficients

Standard Error: 481000
 Relative Standard Error: 8.4
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD8 460-866282/3	0.0	0.0	50.0	335362.0	NaN	N
2	STD05 460-866282/4	0.5	0.257362	50.0	263636.0	0.514725	Y
3	STD1 460-866282/5	1.0	0.457811	50.0	260042.0	0.457811	Y
4	STD5 460-866282/6	5.0	2.106579	50.0	264386.0	0.421316	Y
5	STD20 460-866282/7	20.0	8.175626	50.0	249143.0	0.408781	Y
6	STD50 460-866282/8	50.0	20.711961	50.0	251362.0	0.414239	Y
7	STD200 460-866282/9	200.0	88.214269	50.0	250256.0	0.441071	Y
8	STD500 460-866282/10	500.0	211.707094	50.0	256635.0	0.423414	Y



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-267943-1

SDG No.: _____

Lab Sample ID: ICV 460-866282/17 Calibration Date: 09/14/2022 23:52

Instrument ID: CVOAMS15 Calib Start Date: 09/14/2022 18:47

GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 09/14/2022 21:22

Lab File ID: T652594.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	Ave	0.0167	0.0191		22.8	20.0	14.1	30.0
Chlorotrifluoroethene	QuaF		0.0450		19.7	20.0	-1.6	30.0
1,1-Difluoroethane	QuaF		0.0964		22.9	20.0	14.6	30.0
Dichlorodifluoromethane	Ave	0.2929	0.2796	0.1000	19.1	20.0	-4.5	30.0
Chlorodifluoromethane	Ave	0.0400	0.0368		18.4	20.0	-7.9	30.0
Chloromethane	Ave	0.2040	0.1695	0.1000	16.6	20.0	-16.9	30.0
Vinyl chloride	Ave	0.2008	0.1980	0.1000	19.7	20.0	-1.4	30.0
Butadiene	Ave	0.2004	0.1471		14.7	20.0	-26.6	30.0
Bromomethane	Qua		0.8582	0.1000	30.2	20.0	50.8*	30.0
Chloroethane	Ave	1.645	1.482	0.1000	18.0	20.0	-9.9	30.0
Dichlorofluoromethane	Ave	0.4628	0.4107		17.7	20.0	-11.3	30.0
Trichlorofluoromethane	Ave	0.4016	0.3885	0.1000	19.3	20.0	-3.3	30.0
Pentane	Lin2		0.0437		41.5	40.0	3.7	30.0
Ethanol	Ave	0.2688	0.2516		749	800	-6.4	30.0
Ethyl ether	Ave	0.1898	0.1684		17.7	20.0	-11.3	30.0
2-Methyl-1,3-butadiene	Ave	0.2060	0.1963		19.1	20.0	-4.7	30.0
1,2-Dichloro-1,1,2-trifluoroethane	Ave	0.2175	0.2133		19.6	20.0	-1.9	30.0
1,1,1-Trifluoro-2,2-dichloroethane	Ave	0.3899	0.3579		18.4	20.0	-8.2	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2537	0.2544	0.1000	20.1	20.0	0.3	30.0
Acrolein	Ave	11.13	11.09		39.9	40.1	-0.3	30.0
1,1-Dichloroethene	Ave	0.2357	0.2384	0.1000	20.2	20.0	1.2	30.0
Acetone	QuaF		0.5120	0.0500	81.6	100	-18.4	30.0
Iodomethane	QuaF		0.0891		6.08	20.0	-69.6*	30.0
Carbon disulfide	Ave	0.7922	0.7675	0.1000	19.4	20.0	-3.1	30.0
Isopropyl alcohol	Ave	3.576	3.199		179	200	-10.5	30.0
3-Chloro-1-propene	Ave	0.1468	0.1553		21.2	20.0	5.8	30.0
Cyclopentene	Ave	0.5853	0.5251		17.9	20.0	-10.3	30.0
Methyl acetate	Ave	0.1502	0.1394	0.1000	37.1	40.0	-7.2	30.0
Acetonitrile	QuaF		0.2567		214	200	7.0	30.0
Methylene Chloride	Ave	0.2931	0.2591	0.1000	17.7	20.0	-11.6	30.0
2-Methyl-2-propanol	Ave	5.988	5.776		193	200	-3.5	30.0
Methyl tert-butyl ether	Ave	0.6362	0.5970	0.1000	18.8	20.0	-6.2	30.0
trans-1,2-Dichloroethene	Ave	0.2820	0.2664	0.1000	18.9	20.0	-5.5	30.0
Acrylonitrile	Ave	0.0783	0.0745		190	200	-4.8	30.0
Hexane	Ave	0.2889	0.2923		20.2	20.0	1.1	30.0
Isopropyl ether	Ave	0.6854	0.6734		19.6	20.0	-1.8	30.0
1,1-Dichloroethane	Ave	0.4917	0.4414	0.2000	18.0	20.0	-10.2	30.0
Vinyl acetate	Ave	0.5580	0.5840		41.9	40.0	4.6	30.0
2-Chloro-1,3-butadiene	Ave	0.2400	0.2248		18.7	20.0	-6.3	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-267943-1

SDG No.: _____

Lab Sample ID: ICV 460-866282/17 Calibration Date: 09/14/2022 23:52

Instrument ID: CVOAMS15 Calib Start Date: 09/14/2022 18:47

GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 09/14/2022 21:22

Lab File ID: T652594.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	0.6698	0.6796		20.3	20.0	1.5	30.0
2,2-Dichloropropane	Ave	0.1082	0.0965		17.8	20.0	-10.8	30.0
cis-1,2-Dichloroethene	Ave	0.3122	0.2902	0.1000	18.6	20.0	-7.0	30.0
2-Butanone (MEK)	Ave	0.2741	0.2407	0.0500	87.8	100	-12.2	30.0
Ethyl acetate	Ave	0.2609	0.2642		40.5	40.0	1.3	30.0
Methyl acrylate	Ave	0.1864	0.1761		18.9	20.0	-5.6	30.0
Propionitrile	Ave	9.058	8.631		191	200	-4.7	30.0
Chlorobromomethane	Ave	0.1361	0.1375		20.2	20.0	1.0	30.0
Tetrahydrofuran	Ave	0.2836	0.2874		40.5	40.0	1.3	30.0
Methacrylonitrile	Ave	0.0943	0.0902		191	200	-4.3	30.0
Chloroform	Ave	0.4915	0.4798	0.2000	19.5	20.0	-2.4	30.0
Cyclohexane	Ave	0.3449	0.3692	0.1000	21.4	20.0	7.1	30.0
1,1,1-Trichloroethane	Ave	0.4386	0.4205	0.1000	19.2	20.0	-4.1	30.0
Carbon tetrachloride	Ave	0.3961	0.3892	0.1000	19.7	20.0	-1.7	30.0
1,1-Dichloropropene	Ave	0.3683	0.3628		19.7	20.0	-1.5	30.0
Isobutyl alcohol	Ave	3.540	3.293		465	500	-7.0	30.0
Isooctane	Ave	0.5532	0.5545		20.0	20.0	0.2	30.0
Benzene	Ave	1.386	1.397	0.5000	20.2	20.0	0.8	30.0
Tert-amyl methyl ether	Ave	0.6470	0.6366		19.7	20.0	-1.6	30.0
Isopropyl acetate	Ave	0.1193	0.1090		18.3	20.0	-8.6	30.0
1,2-Dichloroethane	Ave	0.3339	0.3061	0.1000	18.3	20.0	-8.3	30.0
n-Heptane	Ave	0.2137	0.2264		21.2	20.0	5.9	30.0
n-Butanol	Ave	1.550	1.474		476	500	-4.9	30.0
Trichloroethene	Ave	0.2944	0.2815	0.2000	19.1	20.0	-4.4	30.0
Methylcyclohexane	Ave	0.3474	0.3768	0.1000	21.7	20.0	8.5	30.0
Ethyl acrylate	Ave	0.5287	0.5149		19.5	20.0	-2.6	30.0
1,2-Dichloropropane	Ave	0.2745	0.2582	0.1000	18.8	20.0	-5.9	30.0
Methyl methacrylate	Ave	0.0575	0.0594		41.4	40.0	3.4	30.0
1,4-Dioxane	Ave	1.013	0.9349		369	400	-7.7	30.0
Dibromomethane	Ave	0.1688	0.1689		20.0	20.0	0.0	30.0
n-Propyl acetate	Ave	0.2919	0.2520		17.3	20.0	-13.7	30.0
Dichlorobromomethane	Ave	0.3802	0.3720	0.2000	19.6	20.0	-2.2	30.0
2-Nitropropane	QuaF		0.0415		33.7	40.0	-15.9	30.0
2-Chloroethyl vinyl ether	Lin2		0.0365		19.1	20.0	-4.5	30.0
Epichlorohydrin	Ave	0.2247	0.2342		20.8	20.0	4.2	30.0
cis-1,3-Dichloropropene	Ave	0.6121	0.5766	0.2000	18.8	20.0	-5.8	30.0
4-Methyl-2-pentanone (MIBK)	Ave	1.816	1.769	0.0500	97.4	100	-2.6	30.0
Toluene	Ave	1.531	1.438	0.4000	18.8	20.0	-6.1	30.0
trans-1,3-Dichloropropene	Ave	0.5289	0.5217	0.1000	19.7	20.0	-1.4	30.0
Ethyl methacrylate	Ave	0.3630	0.3604		19.9	20.0	-0.7	30.0
1,1,2-Trichloroethane	Ave	0.2690	0.2661	0.1000	19.8	20.0	-1.1	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-267943-1

SDG No.: _____

Lab Sample ID: ICV 460-866282/17 Calibration Date: 09/14/2022 23:52

Instrument ID: CVOAMS15 Calib Start Date: 09/14/2022 18:47

GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 09/14/2022 21:22

Lab File ID: T652594.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	0.3756	0.3780	0.2000	20.1	20.0	0.6	30.0
1,3-Dichloropropane	Ave	0.5164	0.5004		19.4	20.0	-3.1	30.0
2-Hexanone	Ave	1.272	1.212	0.0500	95.2	100	-4.8	30.0
n-Butyl acetate	Ave	0.3854	0.3574		18.5	20.0	-7.3	30.0
Chlorodibromomethane	Ave	0.3708	0.3711	0.1000	20.0	20.0	0.0	30.0
Ethylene Dibromide	Ave	0.3363	0.3283	0.1000	19.5	20.0	-2.4	30.0
Chlorobenzene	Ave	0.9820	0.9501	0.5000	19.3	20.0	-3.3	30.0
Ethylbenzene	Ave	0.5024	0.5168	0.1000	20.6	20.0	2.9	30.0
1,1,1,2-Tetrachloroethane	Ave	0.3606	0.3448		19.1	20.0	-4.4	30.0
m-Xylene & p-Xylene	Ave	0.6336	0.6302	0.1000	19.9	20.0	-0.5	30.0
o-Xylene	Ave	0.5866	0.6123	0.3000	20.9	20.0	4.4	30.0
n-Butyl acrylate	Ave	0.2243	0.2234		19.9	20.0	-0.4	30.0
Styrene	Ave	0.9779	0.9560	0.3000	19.6	20.0	-2.2	30.0
Bromoform	Ave	0.2263	0.2298	0.1000	20.3	20.0	1.6	30.0
Amyl acetate (mixed isomers)	Ave	0.9145	0.8093		17.7	20.0	-11.5	30.0
Isopropylbenzene	Ave	1.417	1.469	0.1000	20.7	20.0	3.7	30.0
Bromobenzene	Ave	0.7544	0.7609		20.2	20.0	0.9	30.0
1,1,2,2-Tetrachloroethane	Ave	0.7766	0.7378	0.3000	19.0	20.0	-5.0	30.0
N-Propylbenzene	Ave	3.458	3.399		19.7	20.0	-1.7	30.0
1,2,3-Trichloropropane	Ave	0.2301	0.2052		17.8	20.0	-10.9	30.0
trans-1,4-Dichloro-2-butene	Ave	0.1746	0.1876		21.5	20.0	7.5	30.0
2-Chlorotoluene	Ave	2.409	2.369		19.7	20.0	-1.7	30.0
4-Ethyltoluene	Ave	2.851	2.768		19.4	20.0	-2.9	30.0
1,3,5-Trimethylbenzene	Ave	2.310	2.269		19.6	20.0	-1.8	30.0
4-Chlorotoluene	Ave	2.420	2.426		20.0	20.0	0.2	30.0
Butyl Methacrylate	Ave	0.7795	0.7434		19.1	20.0	-4.6	30.0
tert-Butylbenzene	Ave	1.905	1.920		20.2	20.0	0.8	30.0
1,2,4-Trimethylbenzene	Ave	2.278	2.355		20.7	20.0	3.4	30.0
sec-Butylbenzene	Ave	2.700	2.713		20.1	20.0	0.5	30.0
1,3-Dichlorobenzene	Ave	1.296	1.292	0.6000	19.9	20.0	-0.3	30.0
4-Isopropyltoluene	Ave	2.202	2.258		20.5	20.0	2.5	30.0
1,4-Dichlorobenzene	Ave	1.332	1.297	0.5000	19.5	20.0	-2.7	30.0
1,2,3-Trimethylbenzene	Ave	2.326	2.270		19.5	20.0	-2.4	30.0
Benzyl chloride	Ave	1.479	1.412		19.1	20.0	-4.5	30.0
Indan	Ave	2.224	2.192		19.7	20.0	-1.5	30.0
p-Diethylbenzene	Ave	1.148	1.306		22.8	20.0	13.8	30.0
n-Butylbenzene	Ave	1.148	1.112		19.4	20.0	-3.1	30.0
1,2-Dichlorobenzene	Ave	1.180	1.091	0.4000	18.5	20.0	-7.6	30.0
1,2,4,5-Tetramethylbenzene	Ave	1.813	1.714		18.9	20.0	-5.5	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.1464	0.1359	0.0500	18.6	20.0	-7.1	30.0
1,3,5-Trichlorobenzene	Ave	0.6676	0.6477		19.4	20.0	-3.0	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-267943-1
 SDG No.: _____
 Lab Sample ID: ICV 460-866282/17 Calibration Date: 09/14/2022 23:52
 Instrument ID: CVOAMS15 Calib Start Date: 09/14/2022 18:47
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 09/14/2022 21:22
 Lab File ID: T652594.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	0.5360	0.5299	0.2000	19.8	20.0	-1.1	30.0
Hexachlorobutadiene	Ave	0.2404	0.2458		20.5	20.0	2.3	30.0
Naphthalene	Ave	1.438	1.357		18.9	20.0	-5.6	30.0
1,2,3-Trichlorobenzene	Ave	0.4402	0.4080		18.5	20.0	-7.3	30.0
Dibromofluoromethane (Surr)	Ave	0.2737	0.2649		48.4	50.0	-3.2	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2795	0.2703		48.4	50.0	-3.3	30.0
Toluene-d8 (Surr)	Ave	1.225	1.229		50.1	50.0	0.3	30.0
4-Bromofluorobenzene	Ave	0.3603	0.3603		50.0	50.0	-0.0	30.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652594.D
 Lims ID: ICV
 Client ID:
 Sample Type: ICV
 Inject. Date: 14-Sep-2022 23:52:13 ALS Bottle#: 0 Worklist Smp#: 17
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: ICV
 Misc. Info.: 460-0150379-017
 Operator ID: Instrument ID: CVOAMS15
 Sublist:
 Method: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\8260W_15.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 16-Sep-2022 12:18:18 Calib Date: 14-Sep-2022 21:22:51
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652587.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1650

First Level Reviewer: RD6L

Date: 15-Sep-2022 08:52:12

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.282	1.276	0.006	91	4774	20.0	22.8	
3 Chlorotrifluoroethene	116	1.380	1.380	0.000	83	11242	20.0	19.7	
2 1,1-Difluoroethane	65	1.398	1.392	0.006	95	24083	20.0	22.9	
4 Dichlorodifluoromethane	85	1.410	1.410	0.000	88	69871	20.0	19.1	
5 Chlorodifluoromethane	67	1.434	1.435	-0.001	78	9198	20.0	18.4	
6 Chloromethane	50	1.587	1.587	0.000	100	42346	20.0	16.6	
7 Vinyl chloride	62	1.678	1.672	0.006	98	49479	20.0	19.7	
8 Butadiene	54	1.703	1.703	0.000	95	36763	20.0	14.7	
9 Bromomethane	94	1.965	1.965	0.000	97	19352	20.0	30.2	
10 Chloroethane	64	2.056	2.057	-0.001	99	33420	20.0	18.0	
11 Dichlorofluoromethane	67	2.233	2.233	0.000	88	102627	20.0	17.7	
12 Trichlorofluoromethane	101	2.245	2.239	0.006	88	97070	20.0	19.3	
13 Pentane	72	2.288	2.288	0.000	95	21819	40.0	41.5	
14 Ethanol	46	2.452	2.447	0.005	97	8059	800.0	748.7	
15 Ethyl ether	59	2.495	2.496	-0.001	91	42075	20.0	17.7	
17 2-Methyl-1,3-butadiene	53	2.513	2.514	-0.001	94	49060	20.0	19.1	
16 1,2-Dichloro-1,1,2-trifluoroethane	117	2.544	2.538	0.006	86	53310	20.0	19.6	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.599	2.599	0.000	89	89423	20.0	18.4	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.666	2.666	0.000	95	63561	20.0	20.1	
19 Acrolein	56	2.672	2.672	0.000	50	17789	40.1	39.9	
20 1,1-Dichloroethene	96	2.702	2.703	-0.001	89	59573	20.0	20.2	
22 Acetone	43	2.806	2.806	0.000	88	57726	100.0	81.6	
23 Iodomethane	142	2.867	2.861	0.006	98	22277	20.0	6.08	M
25 Isopropyl alcohol	45	2.891	2.892	-0.001	29	25615	200.0	178.9	
24 Carbon disulfide	76	2.891	2.892	-0.001	98	191801	20.0	19.4	
27 3-Chloro-1-propene	76	3.044	3.044	0.000	90	38815	20.0	21.2	
29 Cyclopentene	67	3.062	3.062	0.000	93	131211	20.0	17.9	
28 Methyl acetate	43	3.062	3.062	0.000	67	69651	40.0	37.1	
26 Acetonitrile	41	3.123	3.123	0.000	97	57890	200.0	213.9	
* 31 TBA-d9 (IS)	66	3.172	3.166	0.006	97	40038	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	3.178	3.178	0.000	60	64745	20.0	17.7	
32 2-Methyl-2-propanol	59	3.245	3.245	0.000	98	46252	200.0	192.9	
35 Methyl tert-butyl ether	73	3.355	3.355	0.000	96	149189	20.0	18.8	
34 trans-1,2-Dichloroethene	96	3.379	3.379	0.000	84	66582	20.0	18.9	
33 Acrylonitrile	53	3.471	3.471	0.000	94	186101	200.0	190.3	
36 Hexane	57	3.556	3.556	0.000	92	73033	20.0	20.2	
40 Isopropyl ether	45	3.788	3.788	0.000	96	168271	20.0	19.6	
37 1,1-Dichloroethane	63	3.818	3.818	0.000	94	110310	20.0	18.0	
38 Vinyl acetate	86	3.842	3.843	-0.001	99	26339	40.0	41.9	
39 2-Chloro-1,3-butadiene	88	3.873	3.867	0.006	85	56182	20.0	18.7	
41 Tert-butyl ethyl ether	59	4.141	4.142	-0.001	90	169833	20.0	20.3	
* 42 2-Butanone-d5	46	4.367	4.367	0.000	90	281884	250.0	250.0	
44 2,2-Dichloropropane	97	4.373	4.367	0.006	64	24115	20.0	17.8	
43 cis-1,2-Dichloroethene	96	4.397	4.398	-0.001	92	72528	20.0	18.6	
45 2-Butanone (MEK)	72	4.428	4.428	0.000	97	27140	100.0	87.8	
47 Ethyl acetate	70	4.434	4.434	0.000	96	11915	40.0	40.5	
48 Methyl acrylate	55	4.495	4.495	0.000	99	43996	20.0	18.9	
46 Propionitrile	54	4.580	4.580	0.000	98	69112	200.0	190.6	
49 Chlorobromomethane	128	4.653	4.654	-0.001	82	34361	20.0	20.2	
51 Tetrahydrofuran	72	4.653	4.654	-0.001	71	12960	40.0	40.5	
50 Methacrylonitrile	67	4.696	4.696	0.000	88	225507	200.0	191.4	
52 Chloroform	83	4.720	4.715	0.005	93	119903	20.0	19.5	
55 Cyclohexane	84	4.854	4.849	0.005	87	92259	20.0	21.4	
54 1,1,1-Trichloroethane	97	4.873	4.873	0.000	91	105077	20.0	19.2	
\$ 53 Dibromofluoromethane (Surr)	113	4.897	4.898	-0.001	96	165479	50.0	48.4	
56 Carbon tetrachloride	117	5.007	5.007	0.000	89	97261	20.0	19.7	
57 1,1-Dichloropropene	75	5.050	5.050	0.000	97	90660	20.0	19.7	
59 Isobutyl alcohol	43	5.208	5.208	0.000	95	65914	500.0	465.1	
62 Isooctane	57	5.245	5.245	0.000	99	138572	20.0	20.0	
60 Benzene	78	5.275	5.275	0.000	96	254816	20.0	20.2	
\$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.300	5.300	0.000	91	168860	50.0	48.4	
64 Tert-amyl methyl ether	73	5.360	5.361	-0.001	84	159075	20.0	19.7	
63 Isopropyl acetate	61	5.367	5.367	0.000	86	27241	20.0	18.3	
61 1,2-Dichloroethane	62	5.385	5.385	0.000	90	76490	20.0	18.3	
66 n-Heptane	43	5.464	5.464	0.000	89	56573	20.0	21.2	
* 65 Fluorobenzene	96	5.617	5.611	0.006	99	624722	50.0	50.0	
68 n-Butanol	56	5.988	5.989	-0.001	84	29513	500.0	475.6	
67 Trichloroethene	95	6.019	6.019	0.000	94	70343	20.0	19.1	
70 Methylcyclohexane	83	6.159	6.159	0.000	94	94153	20.0	21.7	a
69 Ethyl acrylate	55	6.184	6.184	0.000	97	128679	20.0	19.5	a
71 1,2-Dichloropropane	63	6.366	6.367	-0.001	91	64530	20.0	18.8	
* 73 1,4-Dioxane-d8	96	6.440	6.440	0.000	1	33586	1000.0	1000.0	
75 Methyl methacrylate	100	6.476	6.476	0.000	85	29688	40.0	41.4	
74 1,4-Dioxane	88	6.501	6.507	-0.006	46	12560	400.0	369.1	
72 Dibromomethane	93	6.513	6.513	0.000	97	42206	20.0	20.0	
76 n-Propyl acetate	43	6.549	6.550	-0.001	97	62974	20.0	17.3	
77 Dichlorobromomethane	83	6.696	6.696	0.000	95	92957	20.0	19.6	
78 2-Nitropropane	41	7.110	7.111	0.000	79	20753	40.0	33.7	
79 2-Chloroethyl vinyl ether	106	7.122	7.123	-0.001	81	9113	20.0	19.1	
80 Epichlorohydrin	57	7.238	7.239	-0.001	73	5281	20.0	20.8	
81 cis-1,3-Dichloropropene	75	7.299	7.300	-0.001	83	105175	20.0	18.8	
82 4-Methyl-2-pentanone (MIBK)	43	7.513	7.513	0.000	94	199481	100.0	97.4	

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	7.586	7.586	0.000	99	560382	50.0	50.1	
84 Toluene	91	7.677	7.677	0.000	94	262264	20.0	18.8	
85 trans-1,3-Dichloropropene	75	8.110	8.110	0.000	90	95148	20.0	19.7	
86 Ethyl methacrylate	69	8.171	8.171	0.000	85	65737	20.0	19.9	
87 1,1,2-Trichloroethane	83	8.366	8.366	0.000	93	48528	20.0	19.8	
88 Tetrachloroethene	166	8.397	8.397	-0.001	90	68949	20.0	20.1	
89 1,3-Dichloropropane	76	8.616	8.616	0.000	88	91262	20.0	19.4	
90 2-Hexanone	43	8.720	8.720	0.000	92	136646	100.0	95.2	
93 n-Butyl acetate	43	8.872	8.866	0.006	96	65190	20.0	18.5	
91 Chlorodibromomethane	129	8.884	8.885	-0.001	96	67683	20.0	20.0	
92 Ethylene Dibromide	107	9.067	9.067	0.000	98	59873	20.0	19.5	
* 94 Chlorobenzene-d5	117	9.738	9.738	0.000	83	455984	50.0	50.0	
95 Chlorobenzene	112	9.780	9.781	-0.001	95	173291	20.0	19.3	
97 Ethylbenzene	106	9.921	9.921	0.000	98	94268	20.0	20.6	
96 1,1,1,2-Tetrachloroethane	131	9.933	9.933	0.000	44	62883	20.0	19.1	
98 m-Xylene & p-Xylene	106	10.122	10.122	0.000	91	114944	20.0	19.9	
99 o-Xylene	106	10.756	10.756	0.000	95	111679	20.0	20.9	
101 n-Butyl acrylate	73	10.786	10.787	-0.001	97	40745	20.0	19.9	
100 Styrene	104	10.811	10.811	0.000	95	174376	20.0	19.6	
102 Bromoform	173	11.122	11.122	0.000	95	41923	20.0	20.3	
103 Amyl acetate (mixed isomers)	43	11.164	11.165	-0.001	92	73872	20.0	17.7	
104 Isopropylbenzene	105	11.335	11.335	0.000	95	267921	20.0	20.7	
\$ 105 4-Bromofluorobenzene	174	11.615	11.616	-0.001	89	164274	50.0	50.0	
106 Bromobenzene	156	11.786	11.786	0.000	96	69458	20.0	20.2	
107 1,1,2,2-Tetrachloroethane	83	11.884	11.884	0.000	95	67353	20.0	19.0	
110 N-Propylbenzene	91	11.914	11.915	0.000	99	310256	20.0	19.7	
108 1,2,3-Trichloropropane	110	11.939	11.939	0.000	95	18727	20.0	17.8	
109 trans-1,4-Dichloro-2-butene	53	11.981	11.982	-0.001	95	17129	20.0	21.5	
111 2-Chlorotoluene	91	12.036	12.036	0.000	95	216269	20.0	19.7	
112 4-Ethyltoluene	105	12.067	12.067	0.000	98	252679	20.0	19.4	
114 1,3,5-Trimethylbenzene	105	12.158	12.158	0.000	93	207152	20.0	19.6	
113 4-Chlorotoluene	91	12.189	12.189	-0.001	97	221471	20.0	20.0	
115 Butyl Methacrylate	87	12.317	12.317	0.000	86	67861	20.0	19.1	
116 tert-Butylbenzene	119	12.524	12.524	0.000	92	175259	20.0	20.2	
117 1,2,4-Trimethylbenzene	105	12.597	12.597	0.000	97	214979	20.0	20.7	
118 sec-Butylbenzene	105	12.774	12.774	0.000	99	247685	20.0	20.1	
119 1,3-Dichlorobenzene	146	12.914	12.914	0.000	97	117893	20.0	19.9	
122 4-Isopropyltoluene	119	12.938	12.939	-0.001	93	206149	20.0	20.5	
* 120 1,4-Dichlorobenzene-d4	152	12.999	13.000	-0.001	94	228207	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.024	13.024	0.000	93	118350	20.0	19.5	
123 1,2,3-Trimethylbenzene	105	13.060	13.055	0.005	96	207246	20.0	19.5	
124 Benzyl chloride	91	13.188	13.189	-0.001	99	128903	20.0	19.1	
125 2,3-Dihydroindene	117	13.249	13.250	-0.001	94	200048	20.0	19.7	
127 p-Diethylbenzene	119	13.335	13.335	0.000	93	119245	20.0	22.8	
128 n-Butylbenzene	92	13.359	13.359	0.000	97	101518	20.0	19.4	
126 1,2-Dichlorobenzene	146	13.402	13.402	0.000	93	99551	20.0	18.5	
130 1,2,4,5-Tetramethylbenzene	119	14.078	14.079	-0.001	96	156435	20.0	18.9	
129 1,2-Dibromo-3-Chloropropane	157	14.158	14.158	0.000	90	12409	20.0	18.6	
131 1,3,5-Trichlorobenzene	180	14.286	14.286	0.000	97	59122	20.0	19.4	
132 1,2,4-Trichlorobenzene	180	14.822	14.823	0.000	92	48370	20.0	19.8	
133 Hexachlorobutadiene	225	14.914	14.914	0.000	87	22439	20.0	20.5	
134 Naphthalene	128	15.029	15.030	-0.001	99	123913	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	15.218	15.213	0.005	94	37241	20.0	18.5	
S 136 1,2-Dichloroethene, Total	100				0		40.0	37.5	
S 137 Xylenes, Total	100				0		40.0	40.8	
S 140 Total BTEX	1				0		100.0	100.3	
S 139 1,3-Dichloropropene, Total	1				0		40.0	38.6	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8260 SP_00158	Amount Added: 20.00	Units: uL	
ACROLEIN SP_00141	Amount Added: 4.00	Units: uL	
8FreonsSS_00049	Amount Added: 20.00	Units: uL	
GAS C SP_00479	Amount Added: 20.00	Units: uL	
VOA6IS/SURR_00061	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652594.D

Injection Date: 14-Sep-2022 23:52:13

Instrument ID: CVOAMS15

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

Worklist Smp#: 17

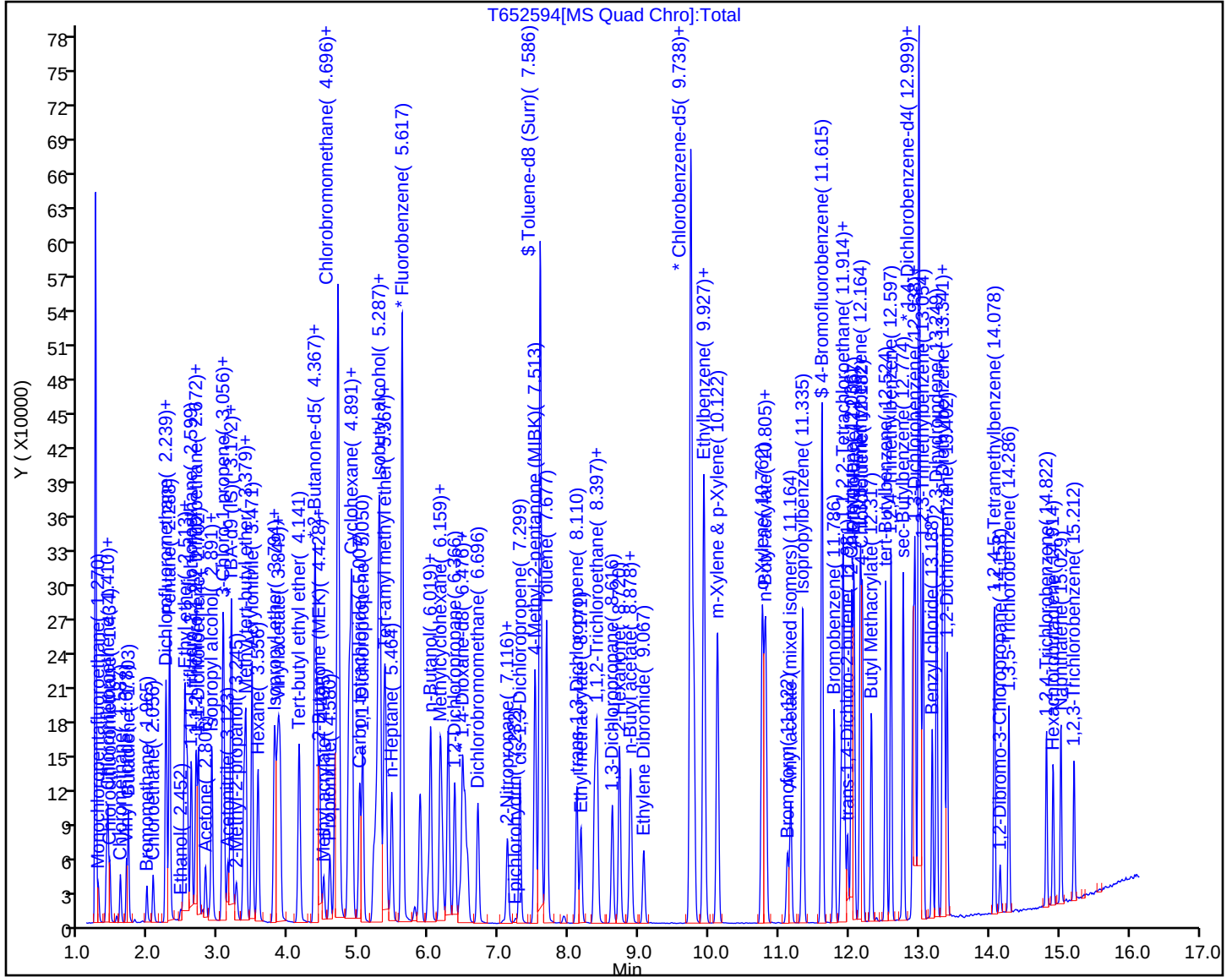
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652594.D

Injection Date: 14-Sep-2022 23:52:13

Instrument ID: CVOAMS15

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 17

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

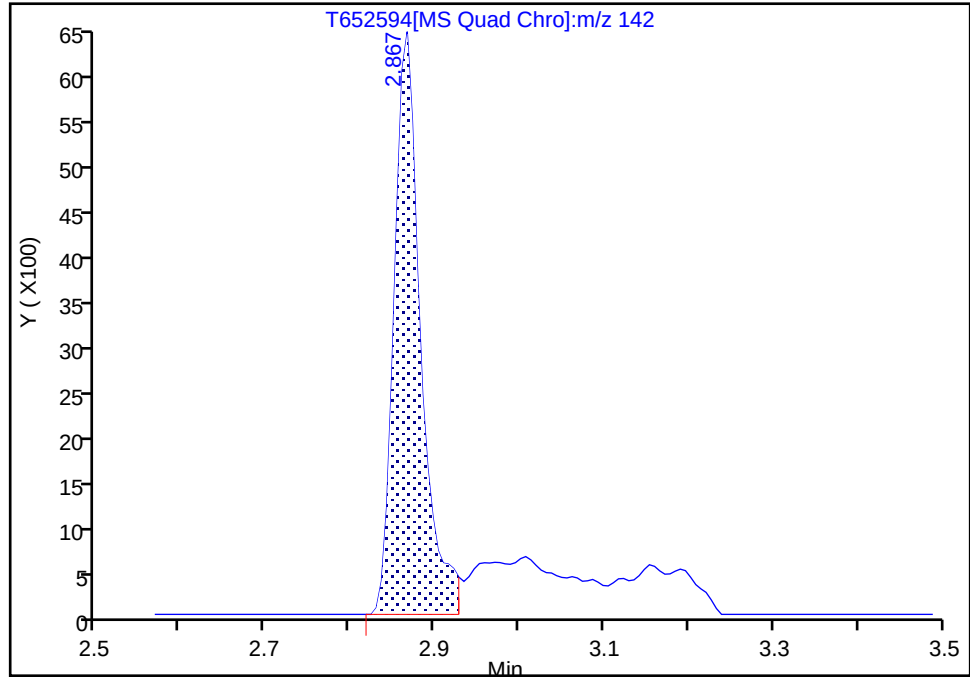
Detector MS Quad

23 Iodomethane, CAS: 74-88-4

Signal: 1

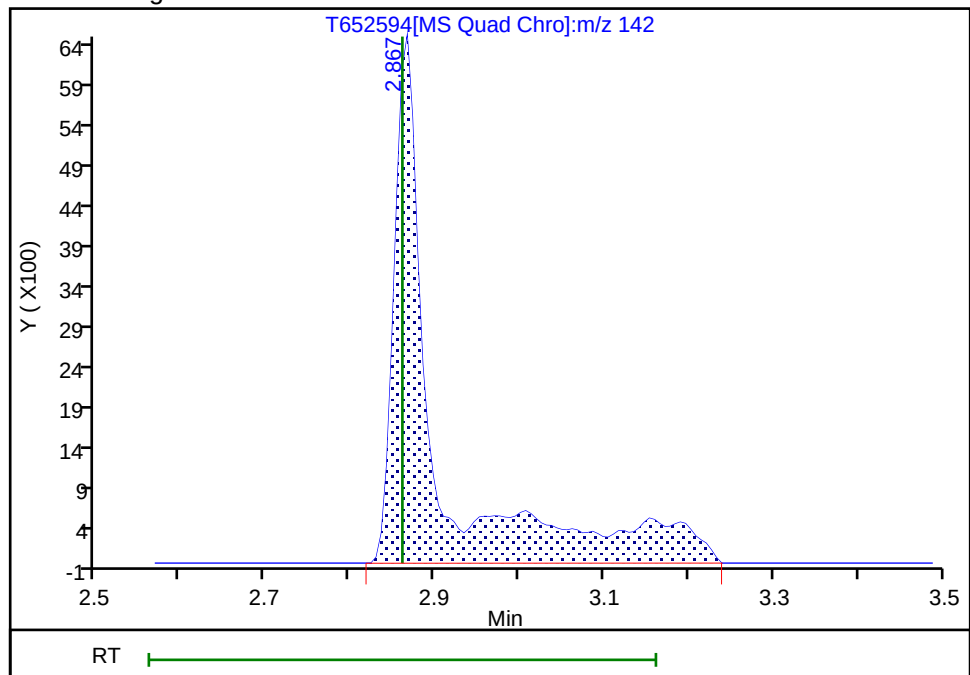
RT: 2.87
Area: 14134
Amount: 3.850920
Amount Units: ug/l

Processing Integration Results



RT: 2.87
Area: 22277
Amount: 6.078087
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 16-Sep-2022 12:16:42

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652594.D

Injection Date: 14-Sep-2022 23:52:13

Instrument ID: CVOAMS15

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 17

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_15

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

Detector

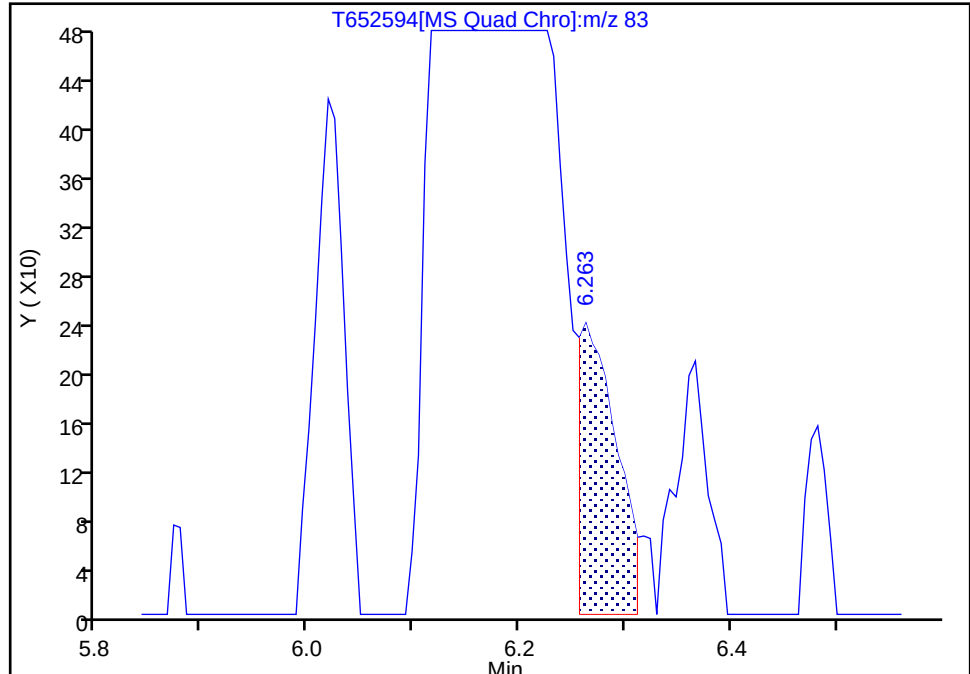
MS Quad

70 Methylcyclohexane, CAS: 108-87-2

Signal: 1

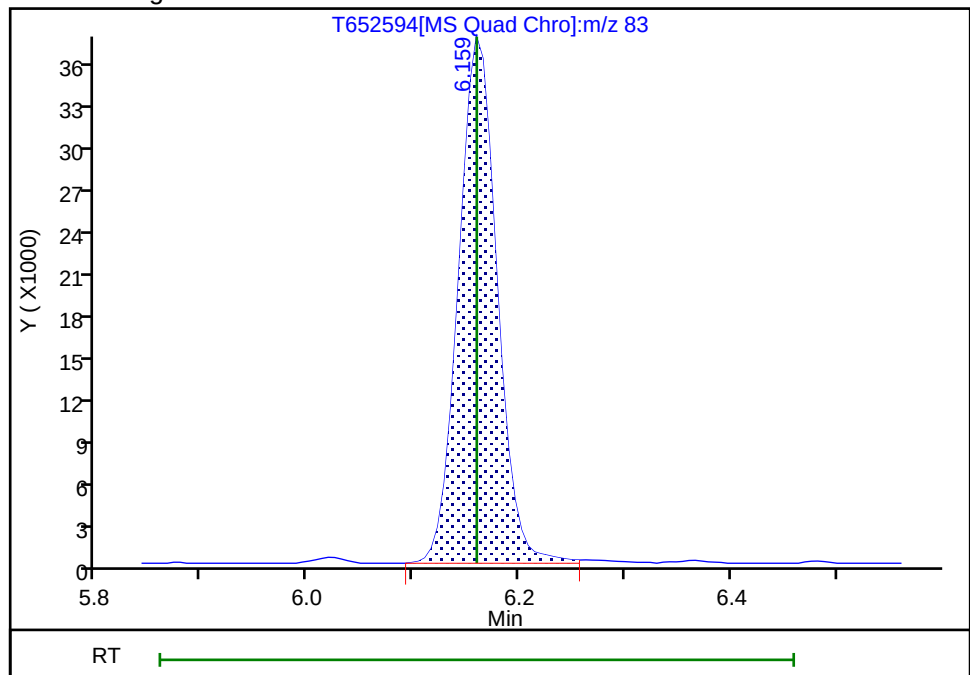
RT: 6.26
Area: 602
Amount: 0.138683
Amount Units: ug/l

Processing Integration Results



RT: 6.16
Area: 94153
Amount: 21.690040
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 15-Sep-2022 20:19:54

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652594.D

Injection Date: 14-Sep-2022 23:52:13

Instrument ID: CVOAMS15

Lims ID: ICV

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 17

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

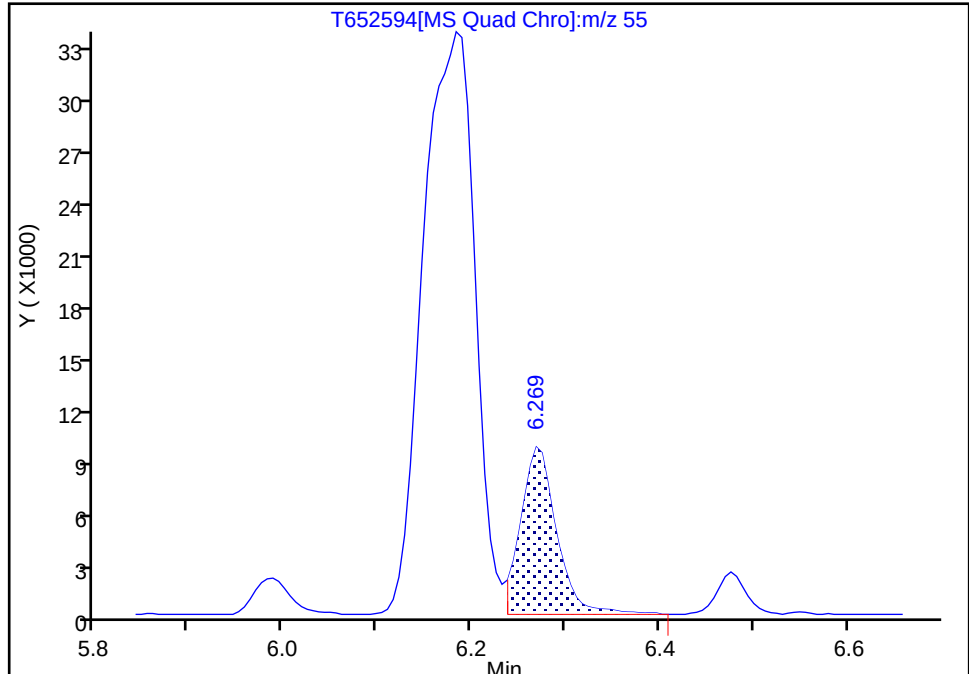
Detector MS Quad

69 Ethyl acrylate, CAS: 140-88-5

Signal: 1

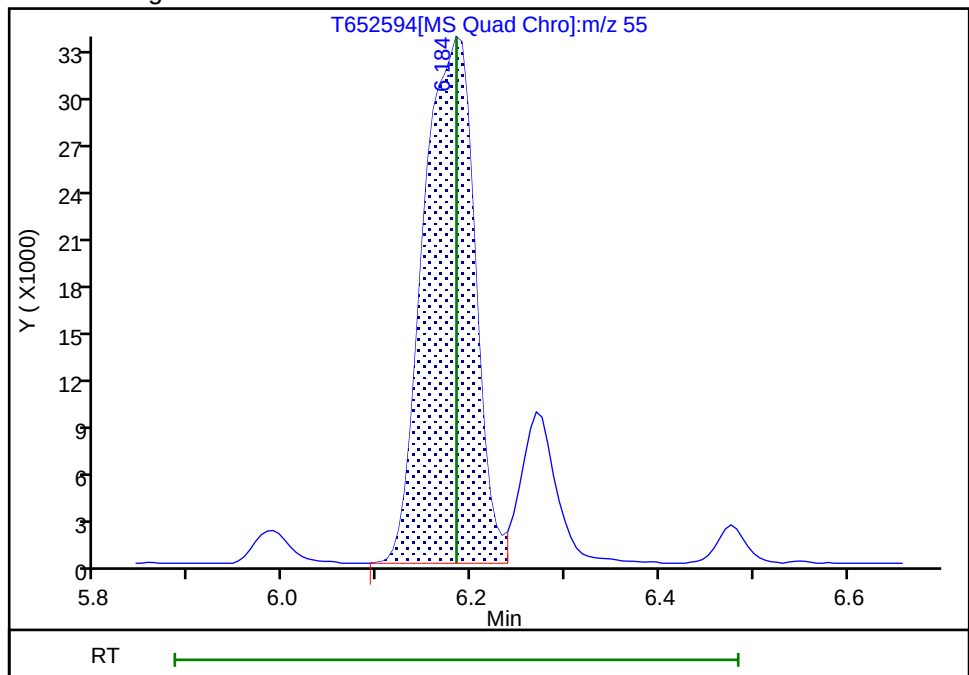
RT: 6.27
Area: 25713
Amount: 3.892776
Amount Units: ug/l

Processing Integration Results



RT: 6.18
Area: 128679
Amount: 19.481138
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 15-Sep-2022 20:19:59

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-267943-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-873458/2 Calibration Date: 10/22/2022 07:42
 Instrument ID: CVOAMS15 Calib Start Date: 09/14/2022 18:47
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 09/14/2022 21:22
 Lab File ID: T654541.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	Ave	0.0167	0.0168		20.1	20.0	0.5	20.0
Chlorotrifluoroethene	QuaF		0.0402		17.6	20.0	-12.1	20.0
1,1-Difluoroethane	QuaF		0.0898		21.3	20.0	6.7	20.0
Dichlorodifluoromethane	Ave	0.2929	0.2174	0.1000	14.8	20.0	-25.8*	20.0
Chlorodifluoromethane	Ave	0.0400	0.0417		20.9	20.0	4.3	20.0
Chloromethane	Ave	0.2040	0.1405	0.1000	13.8	20.0	-31.2*	20.0
Vinyl chloride	Ave	0.2008	0.1729	0.1000	17.2	20.0	-13.9	20.0
Butadiene	Ave	0.2004	0.1511		15.1	20.0	-24.6*	20.0
Bromomethane	Qua		0.8082	0.1000	28.6	20.0	43.1	50.0
Chloroethane	Ave	1.645	1.645	0.1000	20.0	20.0	0.0	50.0
Dichlorofluoromethane	Ave	0.4628	0.3791		16.4	20.0	-18.1	20.0
Trichlorofluoromethane	Ave	0.4016	0.3652	0.1000	18.2	20.0	-9.1	20.0
Pentane	Lin2		0.0426		40.5	40.0	1.2	20.0
Ethanol	Ave	0.2688	0.2698		803	800	0.4	50.0
Ethyl ether	Ave	0.1898	0.1887		19.9	20.0	-0.6	20.0
2-Methyl-1,3-butadiene	Ave	0.2060	0.2063		20.0	20.0	0.1	20.0
1,2-Dichloro-1,1,2-trifluoroethane	Ave	0.2175	0.2167		19.9	20.0	-0.4	20.0
1,1,1-Trifluoro-2,2-dichloroethane	Ave	0.3899	0.3362		17.2	20.0	-13.8	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2537	0.2609	0.1000	20.6	20.0	2.8	20.0
Acrolein	Ave	11.13	3.580		12.9	40.0	-67.8*	50.0
1,1-Dichloroethene	Ave	0.2357	0.2614	0.1000	22.2	20.0	10.9	20.0
Acetone	QuaF		0.6311	0.0500	101	100	0.6	50.0
Iodomethane	QuaF		0.2603		17.9	20.0	-10.6	20.0
Carbon disulfide	Ave	0.7922	0.8788	0.1000	22.2	20.0	10.9	50.0
Isopropyl alcohol	Ave	3.576	3.239		181	200	-9.4	50.0
3-Chloro-1-propene	Ave	0.1468	0.1711		23.3	20.0	16.6	20.0
Cyclopentene	Ave	0.5853	0.5456		18.6	20.0	-6.8	20.0
Methyl acetate	Ave	0.1502	0.1312	0.1000	34.9	40.0	-12.7	20.0
Acetonitrile	QuaF		0.2743		229	200	14.3	20.0
Methylene Chloride	Ave	0.2931	0.2828	0.1000	19.3	20.0	-3.5	20.0
2-Methyl-2-propanol	Ave	5.988	6.555		219	200	9.5	50.0
Methyl tert-butyl ether	Ave	0.6362	0.7134	0.1000	22.4	20.0	12.1	20.0
trans-1,2-Dichloroethene	Ave	0.2820	0.2993	0.1000	21.2	20.0	6.2	20.0
Acrylonitrile	Ave	0.0783	0.0758		194	200	-3.2	20.0
Hexane	Ave	0.2889	0.2464		17.1	20.0	-14.7	20.0
Isopropyl ether	Ave	0.6854	0.6107		17.8	20.0	-10.9	20.0
1,1-Dichloroethane	Ave	0.4917	0.4843	0.2000	19.7	20.0	-1.5	20.0
Vinyl acetate	Ave	0.5580	0.6378		45.7	40.0	14.3	20.0
2-Chloro-1,3-butadiene	Ave	0.2400	0.2641		22.0	20.0	10.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-267943-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-873458/2 Calibration Date: 10/22/2022 07:42
 Instrument ID: CVOAMS15 Calib Start Date: 09/14/2022 18:47
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 09/14/2022 21:22
 Lab File ID: T654541.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	0.6698	0.6833		20.4	20.0	2.0	20.0
2,2-Dichloropropane	Ave	0.1082	0.1150		21.3	20.0	6.3	20.0
cis-1,2-Dichloroethene	Ave	0.3122	0.3221	0.1000	20.6	20.0	3.2	20.0
2-Butanone (MEK)	Ave	0.2741	0.3099	0.0500	113	100	13.1	50.0
Ethyl acetate	Ave	0.2609	0.3448		52.9	40.0	32.2*	20.0
Methyl acrylate	Ave	0.1864	0.1754		18.8	20.0	-5.9	20.0
Propionitrile	Ave	9.058	8.245		182	200	-9.0	20.0
Chlorobromomethane	Ave	0.1361	0.1559		22.9	20.0	14.5	20.0
Tetrahydrofuran	Ave	0.2836	0.3696		52.1	40.0	30.3*	20.0
Methacrylonitrile	Ave	0.0943	0.0946		201	200	0.3	20.0
Chloroform	Ave	0.4915	0.5555	0.2000	22.6	20.0	13.0	20.0
Cyclohexane	Ave	0.3449	0.3487	0.1000	20.2	20.0	1.1	50.0
1,1,1-Trichloroethane	Ave	0.4386	0.5265	0.1000	24.0	20.0	20.0	20.0
Carbon tetrachloride	Ave	0.3961	0.4921	0.1000	24.8	20.0	24.2*	20.0
1,1-Dichloropropene	Ave	0.3683	0.4092		22.2	20.0	11.1	20.0
Isobutyl alcohol	Ave	3.540	2.741		387	500	-22.6	50.0
Isooctane	Ave	0.5532	0.4317		15.6	20.0	-22.0*	20.0
Benzene	Ave	1.386	1.491	0.5000	21.5	20.0	7.6	20.0
Tert-amyl methyl ether	Ave	0.6470	0.6827		21.1	20.0	5.5	20.0
Isopropyl acetate	Ave	0.1193	0.1163		19.5	20.0	-2.5	20.0
1,2-Dichloroethane	Ave	0.3339	0.3750	0.1000	22.5	20.0	12.3	20.0
n-Heptane	Ave	0.2137	0.1768		16.5	20.0	-17.3	20.0
n-Butanol	Ave	1.550	1.518		490	500	-2.1	50.0
Trichloroethene	Ave	0.2944	0.3166	0.2000	21.5	20.0	7.5	20.0
Methylcyclohexane	Ave	0.3474	0.3411	0.1000	19.6	20.0	-1.8	50.0
Ethyl acrylate	Ave	0.5287	0.4701		17.8	20.0	-11.1	20.0
1,2-Dichloropropane	Ave	0.2745	0.2617	0.1000	19.1	20.0	-4.7	20.0
Methyl methacrylate	Ave	0.0575	0.0601		41.8	40.0	4.5	20.0
1,4-Dioxane	Ave	1.013	1.117		441	400	10.3	50.0
Dibromomethane	Ave	0.1688	0.1877		22.2	20.0	11.2	20.0
n-Propyl acetate	Ave	0.2919	0.2540		17.4	20.0	-13.0	20.0
Dichlorobromomethane	Ave	0.3802	0.4059	0.2000	21.4	20.0	6.8	20.0
2-Nitropropane	QuaF		0.0482		39.1	40.0	-2.3	20.0
2-Chloroethyl vinyl ether	Lin2		0.0283		14.9	20.0	-25.6*	20.0
Epichlorohydrin	Ave	0.2247	0.2358		420	400	4.9	20.0
cis-1,3-Dichloropropene	Ave	0.6121	0.6387	0.2000	20.9	20.0	4.3	50.0
4-Methyl-2-pentanone (MIBK)	Ave	1.816	1.913	0.0500	105	100	5.3	50.0
Toluene	Ave	1.531	1.573	0.4000	20.6	20.0	2.8	20.0
trans-1,3-Dichloropropene	Ave	0.5289	0.5721	0.1000	21.6	20.0	8.2	50.0
Ethyl methacrylate	Ave	0.3630	0.3642		20.1	20.0	0.3	20.0
1,1,2-Trichloroethane	Ave	0.2690	0.2716	0.1000	20.2	20.0	1.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-267943-1

SDG No.: _____

Lab Sample ID: CCVIS 460-873458/2 Calibration Date: 10/22/2022 07:42

Instrument ID: CVOAMS15 Calib Start Date: 09/14/2022 18:47

GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 09/14/2022 21:22

Lab File ID: T654541.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	0.3756	0.4233	0.2000	22.5	20.0	12.7	20.0
1,3-Dichloropropane	Ave	0.5164	0.5189		20.1	20.0	0.5	20.0
2-Hexanone	Ave	1.272	1.314	0.0500	103	100	3.3	50.0
n-Butyl acetate	Ave	0.3854	0.3332		17.3	20.0	-13.6	20.0
Chlorodibromomethane	Ave	0.3708	0.4557	0.1000	24.6	20.0	22.9	50.0
Ethylene Dibromide	Ave	0.3363	0.3490	0.1000	20.8	20.0	3.8	20.0
Chlorobenzene	Ave	0.9820	1.042	0.5000	21.2	20.0	6.1	20.0
Ethylbenzene	Ave	0.5024	0.5698	0.1000	22.7	20.0	13.4	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3606	0.4075		22.6	20.0	13.0	20.0
m-Xylene & p-Xylene	Ave	0.6336	0.6996	0.1000	22.1	20.0	10.4	20.0
o-Xylene	Ave	0.5866	0.6581	0.3000	22.4	20.0	12.2	20.0
n-Butyl acrylate	Ave	0.2243	0.2383		21.2	20.0	6.2	20.0
Styrene	Ave	0.9779	1.054	0.3000	21.6	20.0	7.8	20.0
Bromoform	Ave	0.2263	0.2867	0.1000	25.3	20.0	26.7*	20.0
Amyl acetate (mixed isomers)	Ave	0.9145	0.7566		16.5	20.0	-17.3	20.0
Isopropylbenzene	Ave	1.417	1.648	0.1000	23.3	20.0	16.3	20.0
Bromobenzene	Ave	0.7544	0.8071		21.4	20.0	7.0	20.0
1,1,2,2-Tetrachloroethane	Ave	0.7766	0.7039	0.3000	18.1	20.0	-9.4	20.0
N-Propylbenzene	Ave	3.458	3.608		20.9	20.0	4.3	20.0
1,2,3-Trichloropropane	Ave	0.2301	0.2311		20.1	20.0	0.4	20.0
trans-1,4-Dichloro-2-butene	Ave	0.1746	0.1852		21.2	20.0	6.1	20.0
2-Chlorotoluene	Ave	2.409	2.542		21.1	20.0	5.5	20.0
4-Ethyltoluene	Ave	2.851	3.087		21.7	20.0	8.3	20.0
1,3,5-Trimethylbenzene	Ave	2.310	2.562		22.2	20.0	10.9	20.0
4-Chlorotoluene	Ave	2.420	2.572		21.3	20.0	6.3	20.0
Butyl Methacrylate	Ave	0.7795	0.7804		20.0	20.0	0.1	20.0
tert-Butylbenzene	Ave	1.905	2.187		23.0	20.0	14.8	20.0
1,2,4-Trimethylbenzene	Ave	2.278	2.601		22.8	20.0	14.2	20.0
sec-Butylbenzene	Ave	2.700	3.016		22.3	20.0	11.7	20.0
1,3-Dichlorobenzene	Ave	1.296	1.358	0.6000	21.0	20.0	4.8	20.0
4-Isopropyltoluene	Ave	2.202	2.558		23.2	20.0	16.1	20.0
1,4-Dichlorobenzene	Ave	1.332	1.381	0.5000	20.7	20.0	3.7	20.0
1,2,3-Trimethylbenzene	Ave	2.326	2.483		21.3	20.0	6.7	20.0
Benzyl chloride	Ave	1.479	1.420		19.2	20.0	-4.0	50.0
Indan	Ave	2.224	2.314		20.8	20.0	4.0	20.0
p-Diethylbenzene	Ave	1.148	1.451		25.3	20.0	26.4*	20.0
n-Butylbenzene	Ave	1.148	1.247		21.7	20.0	8.6	20.0
1,2-Dichlorobenzene	Ave	1.180	1.197	0.4000	20.3	20.0	1.5	20.0
1,2,4,5-Tetramethylbenzene	Ave	1.813	2.032		22.4	20.0	12.1	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1464	0.1612	0.0500	22.0	20.0	10.1	50.0
1,3,5-Trichlorobenzene	Ave	0.6676	0.7333		22.0	20.0	9.8	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-267943-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-873458/2 Calibration Date: 10/22/2022 07:42
 Instrument ID: CVOAMS15 Calib Start Date: 09/14/2022 18:47
 GC Column: DB-624 ID: 0.18 (mm) Calib End Date: 09/14/2022 21:22
 Lab File ID: T654541.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	0.5360	0.6034	0.2000	22.5	20.0	12.6	20.0
Hexachlorobutadiene	Ave	0.2404	0.3091		25.7	20.0	28.6*	20.0
Naphthalene	Ave	1.438	1.526		21.2	20.0	6.1	50.0
1,2,3-Trichlorobenzene	Ave	0.4402	0.4901		22.3	20.0	11.3	20.0
Dibromofluoromethane (Surr)	Ave	0.2737	0.3003		54.9	50.0	9.7	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2795	0.3142		56.2	50.0	12.4	20.0
Toluene-d8 (Surr)	Ave	1.225	1.263		51.5	50.0	3.1	20.0
4-Bromofluorobenzene	Ave	0.3603	0.3981		55.2	50.0	10.5	20.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221022-152105.b\T654541.D
 Lims ID: CCVIS
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 22-Oct-2022 07:42:03 ALS Bottle#: 0 Worklist Smp#: 2
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: CCVIS
 Misc. Info.: 460-0152105-002
 Operator ID: Instrument ID: CVOAMS15
 Sublist: chrom-8260W_15*sub18
 Method: \\chromfs\Edison\ChromData\CVOAMS15\20221022-152105.b\8260W_15.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 24-Oct-2022 15:28:33 Calib Date: 14-Sep-2022 21:22:51
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652587.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1633

First Level Reviewer: W9CM

Date: 24-Oct-2022 15:28:33

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.276	1.276	0.000	54	4756	20.0	20.1	
3 Chlorotrifluoroethene	116	1.380	1.380	0.000	87	11359	20.0	17.6	
2 1,1-Difluoroethane	65	1.392	1.392	0.000	92	25378	20.0	21.3	
4 Dichlorodifluoromethane	85	1.410	1.410	0.000	87	61452	20.0	14.8	
5 Chlorodifluoromethane	67	1.435	1.435	0.000	78	11785	20.0	20.9	
6 Chloromethane	50	1.587	1.587	0.000	88	39700	20.0	13.8	
7 Vinyl chloride	62	1.672	1.672	0.000	83	48867	20.0	17.2	
8 Butadiene	54	1.697	1.697	0.000	90	42696	20.0	15.1	
9 Bromomethane	94	1.965	1.965	0.000	97	18252	20.0	28.6	
10 Chloroethane	64	2.050	2.050	0.000	96	37147	20.0	20.0	
11 Dichlorofluoromethane	67	2.233	2.233	0.000	88	107156	20.0	16.4	
12 Trichlorofluoromethane	101	2.239	2.239	0.000	99	103229	20.0	18.2	
13 Pentane	72	2.288	2.288	0.000	94	24063	40.0	40.5	
14 Ethanol	46	2.447	2.447	0.000	99	10224	800.0	802.9	
15 Ethyl ether	59	2.489	2.489	0.000	93	53332	20.0	19.9	
17 2-Methyl-1,3-butadiene	53	2.508	2.508	0.000	92	58308	20.0	20.0	
16 1,2-Dichloro-1,1,2-trifluoroethane	117	2.538	2.538	0.000	92	61254	20.0	19.9	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.593	2.593	0.000	88	95024	20.0	17.2	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.660	2.660	0.000	96	73733	20.0	20.6	
19 Acrolein	56	2.672	2.672	0.000	36	6783	40.0	12.9	
20 1,1-Dichloroethene	96	2.697	2.697	0.000	89	73893	20.0	22.2	
22 Acetone	43	2.800	2.800	0.000	90	71266	100.0	100.6	
23 Iodomethane	142	2.855	2.855	0.000	98	73578	20.0	17.9	
25 Isopropyl alcohol	45	2.886	2.886	0.000	31	30691	200.0	181.2	
24 Carbon disulfide	76	2.886	2.886	0.000	99	248385	20.0	22.2	
27 3-Chloro-1-propene	76	3.038	3.038	0.000	86	48365	20.0	23.3	
29 Cyclopentene	67	3.056	3.056	0.000	91	154223	20.0	18.6	
28 Methyl acetate	43	3.056	3.056	0.000	63	74139	40.0	34.9	
26 Acetonitrile	41	3.117	3.117	0.000	98	61955	200.0	228.6	
* 31 TBA-d9 (IS)	66	3.160	3.160	0.000	97	47370	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	3.172	3.172	0.000	61	79936	20.0	19.3	
32 2-Methyl-2-propanol	59	3.239	3.239	0.000	98	62103	200.0	218.9	
35 Methyl tert-butyl ether	73	3.349	3.349	0.000	95	201626	20.0	22.4	
34 trans-1,2-Dichloroethene	96	3.373	3.373	0.000	83	84607	20.0	21.2	
33 Acrylonitrile	53	3.465	3.465	0.000	95	214155	200.0	193.7	
36 Hexane	57	3.550	3.550	0.000	88	69650	20.0	17.1	
40 Isopropyl ether	45	3.782	3.782	0.000	94	172618	20.0	17.8	
37 1,1-Dichloroethane	63	3.812	3.812	0.000	94	136891	20.0	19.7	
38 Vinyl acetate	86	3.837	3.837	0.000	99	28807	40.0	45.7	
39 2-Chloro-1,3-butadiene	88	3.867	3.867	0.000	86	74640	20.0	22.0	
41 Tert-butyl ethyl ether	59	4.135	4.135	0.000	90	193135	20.0	20.4	
* 42 2-Butanone-d5	46	4.361	4.361	0.000	86	282301	250.0	250.0	
44 2,2-Dichloropropane	97	4.361	4.361	0.000	71	32498	20.0	21.3	
43 cis-1,2-Dichloroethene	96	4.391	4.391	0.000	94	91032	20.0	20.6	
45 2-Butanone (MEK)	72	4.422	4.422	0.000	97	34995	100.0	113.1	
47 Ethyl acetate	70	4.428	4.428	0.000	97	15572	40.0	52.9	
48 Methyl acrylate	55	4.489	4.489	0.000	98	49570	20.0	18.8	
46 Propionitrile	54	4.574	4.574	0.000	98	78115	200.0	182.1	
49 Chlorobromomethane	128	4.647	4.647	0.000	75	44055	20.0	22.9	
51 Tetrahydrofuran	72	4.647	4.647	0.000	71	16694	40.0	52.1	
50 Methacrylonitrile	67	4.690	4.690	0.000	85	267314	200.0	200.5	
52 Chloroform	83	4.708	4.708	0.000	93	157010	20.0	22.6	
55 Cyclohexane	84	4.849	4.849	0.000	85	98566	20.0	20.2	
54 1,1,1-Trichloroethane	97	4.867	4.867	0.000	91	148811	20.0	24.0	
\$ 53 Dibromofluoromethane (Surr)	113	4.891	4.891	0.000	96	212180	50.0	54.9	
56 Carbon tetrachloride	117	5.001	5.001	0.000	90	139096	20.0	24.8	
57 1,1-Dichloropropene	75	5.044	5.044	0.000	96	115655	20.0	22.2	
59 Isobutyl alcohol	43	5.202	5.202	0.000	97	64915	500.0	387.1	
62 Isooctane	57	5.239	5.239	0.000	98	122026	20.0	15.6	
60 Benzene	78	5.269	5.269	0.000	96	312972	20.0	21.5	
\$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.294	5.294	0.000	91	222002	50.0	56.2	
64 Tert-amyl methyl ether	73	5.355	5.355	0.000	85	192955	20.0	21.1	
63 Isopropyl acetate	61	5.361	5.361	0.000	82	32867	20.0	19.5	
61 1,2-Dichloroethane	62	5.379	5.379	0.000	92	105981	20.0	22.5	
66 n-Heptane	43	5.458	5.458	0.000	84	49974	20.0	16.5	
* 65 Fluorobenzene	96	5.605	5.605	0.000	99	706609	50.0	50.0	
68 n-Butanol	56	5.976	5.976	0.000	82	35956	500.0	489.7	
67 Trichloroethene	95	6.013	6.013	0.000	94	89471	20.0	21.5	
70 Methylcyclohexane	83	6.153	6.153	0.000	94	96420	20.0	19.6	a
69 Ethyl acrylate	55	6.178	6.178	0.000	97	132879	20.0	17.8	a
71 1,2-Dichloropropane	63	6.361	6.361	0.000	92	73960	20.0	19.1	
* 73 1,4-Dioxane-d8	96	6.428	6.428	0.000	1	37340	1000.0	1000.0	
75 Methyl methacrylate	100	6.470	6.470	0.000	79	33949	40.0	41.8	
74 1,4-Dioxane	88	6.495	6.495	0.000	46	16687	400.0	441.1	
72 Dibromomethane	93	6.507	6.507	0.000	97	53066	20.0	22.2	
76 n-Propyl acetate	43	6.543	6.543	0.000	95	71782	20.0	17.4	
77 Dichlorobromomethane	83	6.690	6.690	0.000	95	114734	20.0	21.4	
78 2-Nitropropane	41	7.104	7.104	0.000	86	27253	40.0	39.1	
79 2-Chloroethyl vinyl ether	106	7.116	7.116	0.000	70	8012	20.0	14.9	
80 Epichlorohydrin	57	7.232	7.232	0.000	98	106509	400.0	419.7	
81 cis-1,3-Dichloropropene	75	7.293	7.293	0.000	83	134059	20.0	20.9	
82 4-Methyl-2-pentanone (MIBK)	43	7.507	7.507	0.000	92	215979	100.0	105.3	

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	7.580	7.580	0.000	99	662726	50.0	51.5	
84 Toluene	91	7.671	7.671	0.000	94	330253	20.0	20.6	
85 trans-1,3-Dichloropropene	75	8.104	8.104	0.000	91	120074	20.0	21.6	
86 Ethyl methacrylate	69	8.165	8.165	0.000	84	76445	20.0	20.1	
87 1,1,2-Trichloroethane	83	8.360	8.360	0.000	92	57009	20.0	20.2	
88 Tetrachloroethene	166	8.397	8.397	0.000	89	88850	20.0	22.5	
89 1,3-Dichloropropane	76	8.610	8.610	0.000	86	108900	20.0	20.1	
90 2-Hexanone	43	8.714	8.714	0.000	91	148393	100.0	103.3	
93 n-Butyl acetate	43	8.866	8.866	0.000	95	69925	20.0	17.3	
91 Chlorodibromomethane	129	8.878	8.878	0.000	96	95637	20.0	24.6	
92 Ethylene Dibromide	107	9.061	9.061	0.000	99	73243	20.0	20.8	
* 94 Chlorobenzene-d5	117	9.732	9.732	0.000	84	524716	50.0	50.0	
95 Chlorobenzene	112	9.775	9.775	0.000	96	218758	20.0	21.2	
97 Ethylbenzene	106	9.921	9.921	0.000	98	119590	20.0	22.7	
96 1,1,1,2-Tetrachloroethane	131	9.927	9.927	0.000	44	85532	20.0	22.6	
98 m-Xylene & p-Xylene	106	10.116	10.116	0.000	96	146836	20.0	22.1	
99 o-Xylene	106	10.756	10.756	0.000	93	138129	20.0	22.4	
101 n-Butyl acrylate	73	10.787	10.787	0.000	97	50013	20.0	21.2	
100 Styrene	104	10.805	10.805	0.000	95	221190	20.0	21.6	
102 Bromoform	173	11.116	11.116	0.000	95	60168	20.0	25.3	
103 Amyl acetate (mixed isomers)	43	11.165	11.165	0.000	93	83362	20.0	16.5	
104 Isopropylbenzene	105	11.335	11.335	0.000	96	345890	20.0	23.3	
\$ 105 4-Bromofluorobenzene	174	11.616	11.616	0.000	90	208877	50.0	55.2	
106 Bromobenzene	156	11.786	11.786	0.000	94	88929	20.0	21.4	
107 1,1,2,2-Tetrachloroethane	83	11.884	11.884	0.000	95	77552	20.0	18.1	
110 N-Propylbenzene	91	11.914	11.914	0.000	99	397534	20.0	20.9	
108 1,2,3-Trichloropropane	110	11.939	11.939	0.000	94	25467	20.0	20.1	
109 trans-1,4-Dichloro-2-butene	53	11.975	11.975	0.000	95	20404	20.0	21.2	
111 2-Chlorotoluene	91	12.036	12.036	0.000	96	280057	20.0	21.1	
112 4-Ethyltoluene	105	12.067	12.067	0.000	97	340135	20.0	21.7	
114 1,3,5-Trimethylbenzene	105	12.158	12.158	0.000	92	282309	20.0	22.2	
113 4-Chlorotoluene	91	12.189	12.189	0.000	98	283409	20.0	21.3	
115 Butyl Methacrylate	87	12.317	12.317	0.000	84	85987	20.0	20.0	
116 tert-Butylbenzene	119	12.524	12.524	0.000	93	240906	20.0	23.0	
117 1,2,4-Trimethylbenzene	105	12.597	12.597	0.000	98	286527	20.0	22.8	
118 sec-Butylbenzene	105	12.774	12.774	0.000	98	332271	20.0	22.3	
119 1,3-Dichlorobenzene	146	12.914	12.914	0.000	95	149603	20.0	21.0	
122 4-Isopropyltoluene	119	12.939	12.939	0.000	96	281785	20.0	23.2	
* 120 1,4-Dichlorobenzene-d4	152	13.000	13.000	0.000	95	275447	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.024	13.024	0.000	93	152138	20.0	20.7	
123 1,2,3-Trimethylbenzene	105	13.061	13.061	0.000	98	273546	20.0	21.3	
124 Benzyl chloride	91	13.189	13.189	0.000	99	156439	20.0	19.2	
125 2,3-Dihydroindene	117	13.250	13.250	0.000	92	254930	20.0	20.8	
127 p-Diethylbenzene	119	13.335	13.335	0.000	92	159862	20.0	25.3	
128 n-Butylbenzene	92	13.359	13.359	0.000	97	137362	20.0	21.7	
126 1,2-Dichlorobenzene	146	13.402	13.402	0.000	95	131936	20.0	20.3	
130 1,2,4,5-Tetramethylbenzene	119	14.079	14.079	0.000	96	223883	20.0	22.4	
129 1,2-Dibromo-3-Chloropropane	157	14.164	14.164	0.000	90	17760	20.0	22.0	
131 1,3,5-Trichlorobenzene	180	14.286	14.286	0.000	94	80789	20.0	22.0	
132 1,2,4-Trichlorobenzene	180	14.822	14.822	0.000	95	66481	20.0	22.5	
133 Hexachlorobutadiene	225	14.920	14.920	0.000	89	34059	20.0	25.7	
134 Naphthalene	128	15.030	15.030	0.000	99	168161	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	15.219	15.219	0.000	94	54000	20.0	22.3	
S 136 1,2-Dichloroethene, Total	100				0		40.0	41.9	
S 137 Xylenes, Total	100				0		40.0	44.5	
S 140 Total BTEX	1				0		100.0	109.3	
S 139 1,3-Dichloropropene, Total	1				0		40.0	42.5	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

ACROLEIN W_00145	Amount Added: 4.00	Units: uL	
8260MIX1COMB_00161	Amount Added: 20.00	Units: uL	
524freon_00059	Amount Added: 20.00	Units: uL	
GASES Li_00499	Amount Added: 20.00	Units: uL	
VOA6IS/SURR_00061	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221022-152105.b\T654541.D

Injection Date: 22-Oct-2022 07:42:03

Instrument ID: CVOAMS15

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

Worklist Smp#: 2

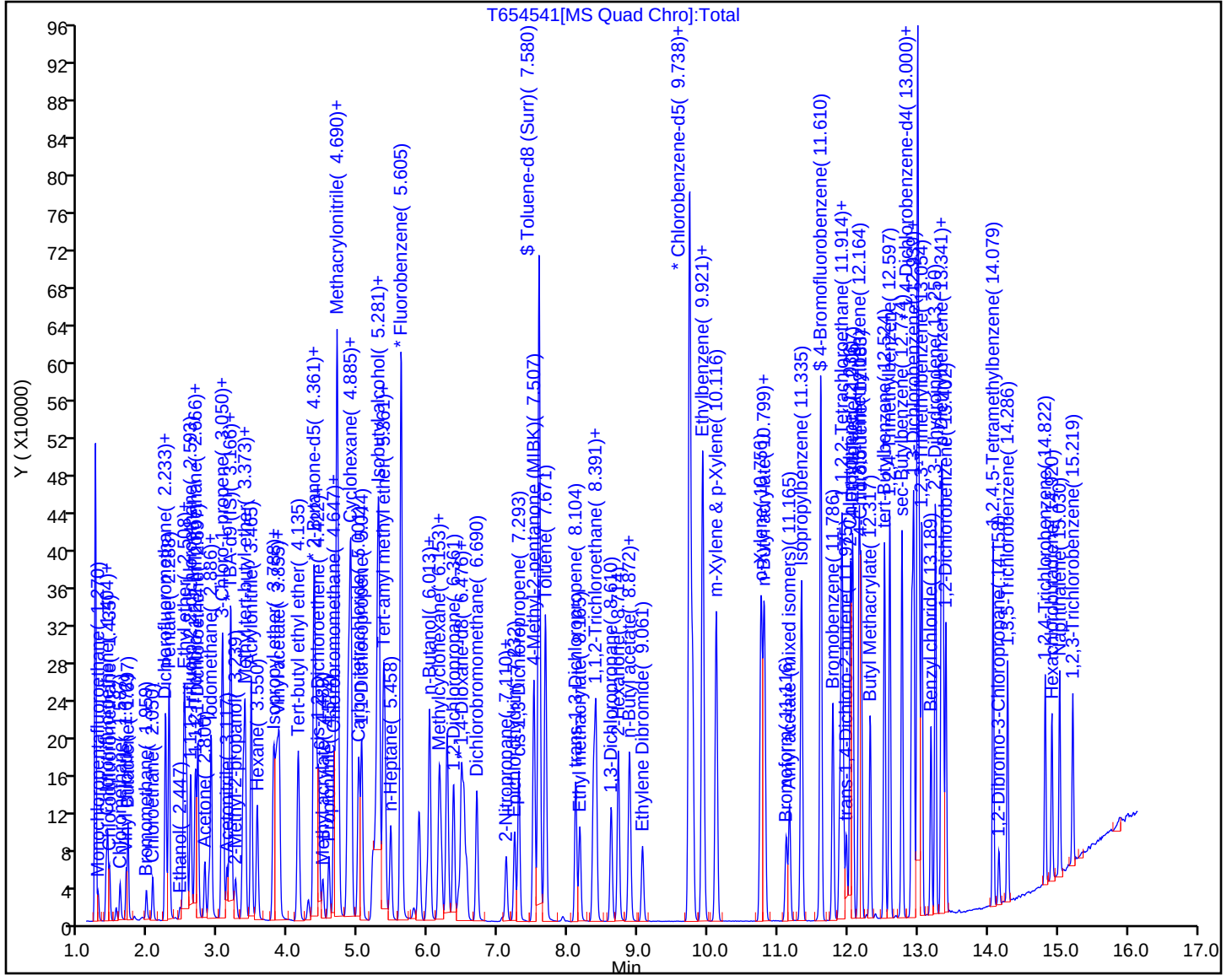
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221022-152105.b\T654541.D

Injection Date: 22-Oct-2022 07:42:03

Instrument ID: CVOAMS15

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

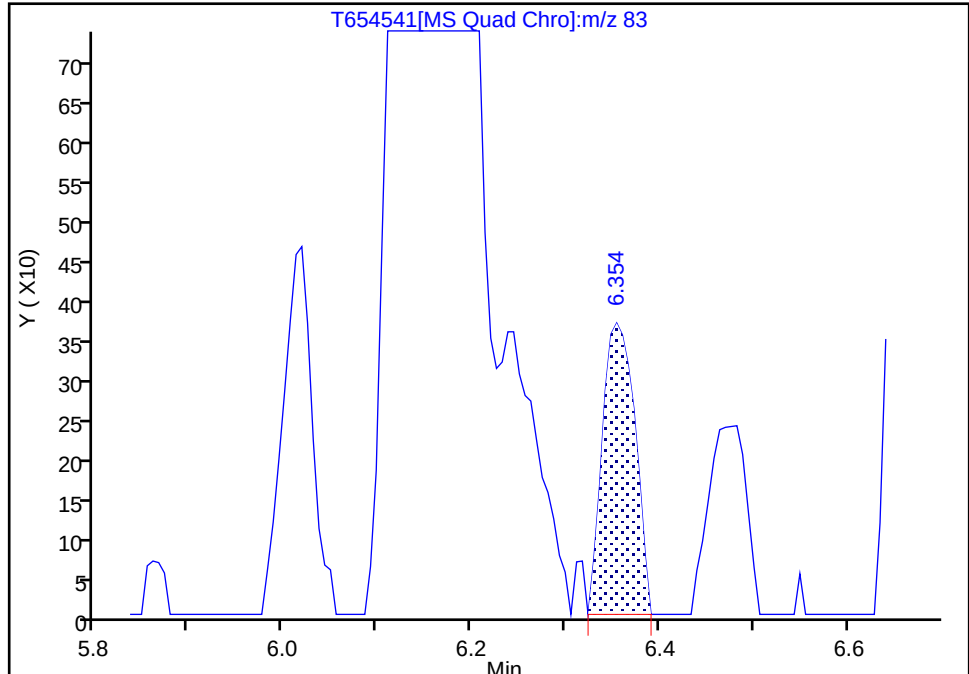
Detector MS Quad

70 Methylcyclohexane, CAS: 108-87-2

Signal: 1

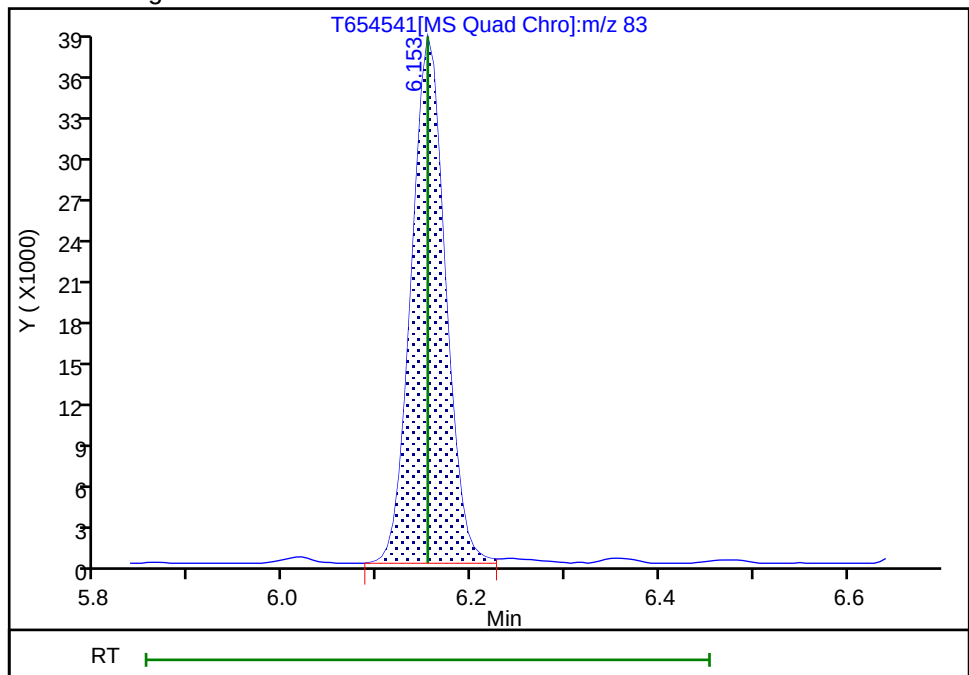
RT: 6.35
Area: 877
Amount: 0.178621
Amount Units: ug/l

Processing Integration Results



RT: 6.15
Area: 96420
Amount: 19.638167
Amount Units: ug/l

Manual Integration Results



Reviewer: FK2C, 22-Oct-2022 11:17:18

Audit Action: Assigned Compound ID

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221022-152105.b\T654541.D

Injection Date: 22-Oct-2022 07:42:03

Instrument ID: CVOAMS15

Lims ID: CCVIS

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

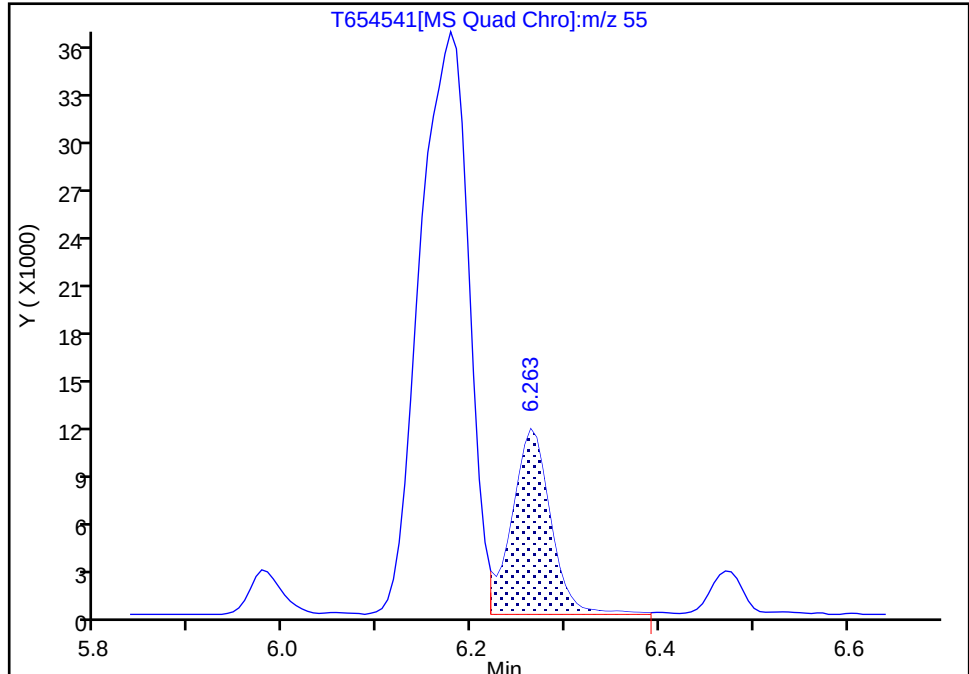
Detector: MS Quad

69 Ethyl acrylate, CAS: 140-88-5

Signal: 1

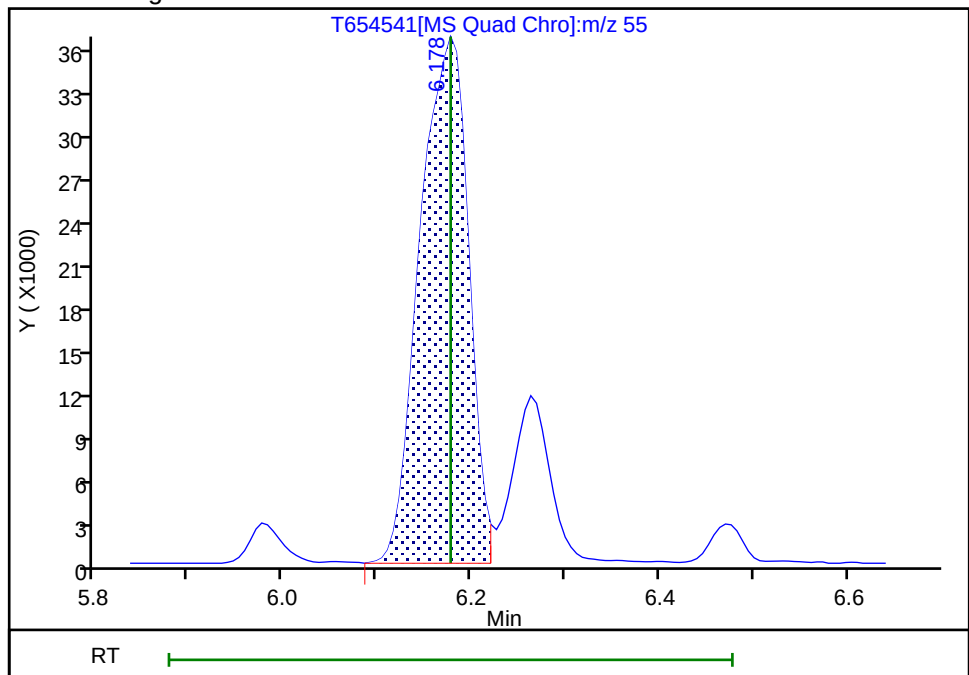
RT: 6.26
Area: 33940
Amount: 4.542826
Amount Units: ug/l

Processing Integration Results



RT: 6.18
Area: 132879
Amount: 17.785687
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 24-Oct-2022 15:28:30

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652578.D
 Lims ID: BFB
 Client ID:
 Sample Type: BFB
 Inject. Date: 14-Sep-2022 17:56:45 ALS Bottle#: 0 Worklist Smp#: 1
 Injection Vol: 5.0 mL Dil. Factor: 1.0000
 Sample Info: BFB
 Misc. Info.: 460-0150379-001
 Operator ID: Instrument ID: CVOAMS15
 Method: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\8260W_15.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 16-Sep-2022 12:18:18 Calib Date: 14-Sep-2022 21:22:51
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652587.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1650

First Level Reviewer: HVW2

Date: 14-Sep-2022 18:11:53

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_00032

Amount Added: 1.00

Units: uL

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652578.D

Injection Date: 14-Sep-2022 17:56:45

Instrument ID: CVOAMS15

Lims ID: BFB

Client ID:

Operator ID:

ALS Bottle#: 0 Worklist Smp#: 1

Injection Vol: 5.0 mL

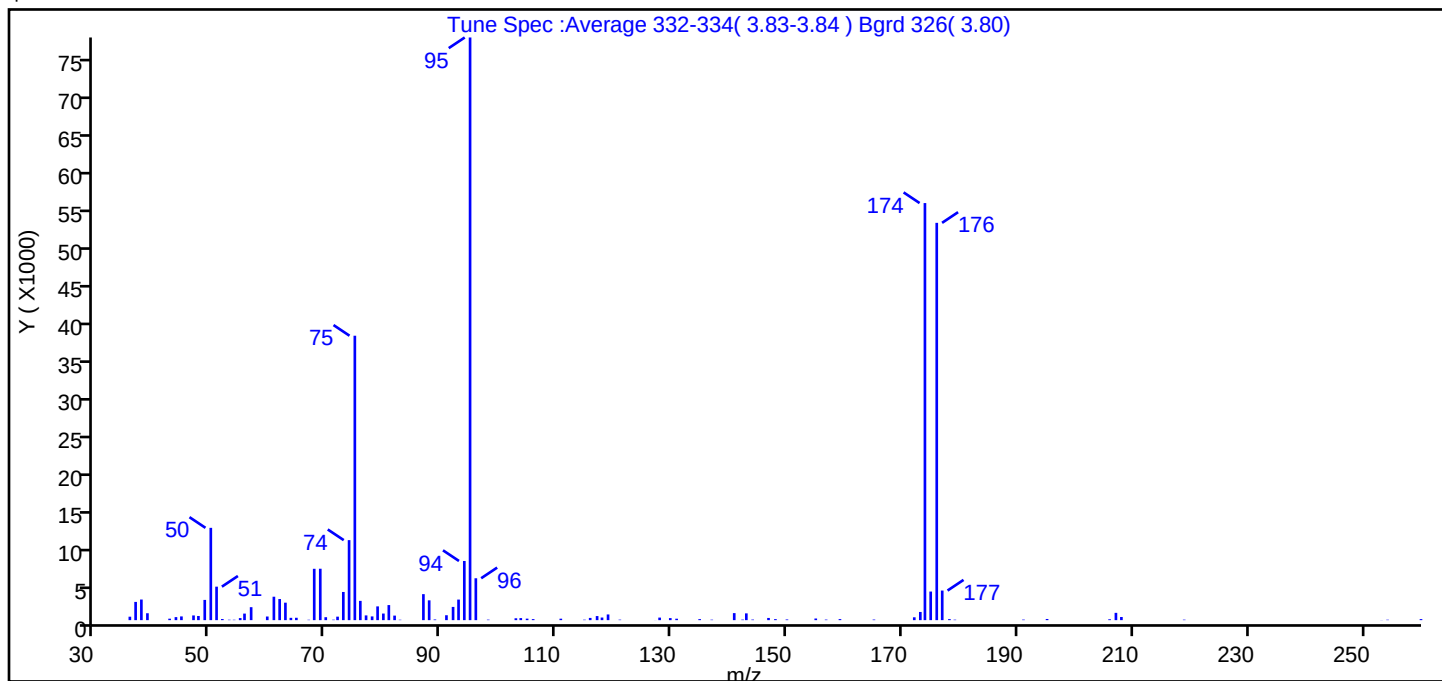
Dil. Factor: 1.0000

Method: 8260W_15

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 (139.7)
96	5 to 9% of m/z 95	7.2
173	<2% of m/z 174	1.4 (2.0)
174	50 to 200% of m/z 95	71.6
175	5 to 9% of m/z 174	4.9 (6.9)
176	95 to 105% of m/z 174	68.2 (95.3)
177	5 to 10% of m/z 176	5.1 (7.4)

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652578.D\8260W_15.rslt\spectra.d
Injection Date: 14-Sep-2022 17:56:45
Spectrum: Tune Spec :Average 332-334(3.83-3.84) Bgrd 326(3.80)
Base Peak: 94.95
Minimum % Base Peak: 0
Number of Points: 96

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	459	67.00	52	95.00	77552	147.00	292
37.00	2427	68.00	6834	96.00	5575	148.00	135
38.00	2744	69.00	6843	98.00	67	150.00	92
39.00	919	70.00	392	103.00	250	155.00	217
43.00	195	71.00	62	104.00	272	157.00	74
44.00	404	72.00	464	105.00	200	159.00	139
45.00	496	73.00	3750	106.00	137	165.00	78
47.00	626	74.00	10649	111.00	194	172.00	379
48.00	554	75.00	37856	115.00	61	173.00	1089
49.00	2693	76.00	2564	116.00	296	174.00	55512
50.00	12286	77.00	631	117.00	544	175.00	3806
51.00	4456	78.00	496	118.00	347	176.00	52880
52.00	147	79.00	1831	119.00	758	177.00	3938
53.00	55	80.00	879	121.00	66	178.00	136
54.00	53	81.00	2005	127.00	8	179.00	61
55.00	274	82.00	604	128.00	339	191.00	72
56.00	872	83.00	53	130.00	272	195.00	154
57.00	1726	87.00	3461	131.00	191	206.00	116
60.00	484	88.00	2636	135.00	136	207.00	971
61.00	3118	89.00	89	137.00	61	208.00	419
62.00	2811	91.00	653	141.00	935	219.00	64
63.00	2325	92.00	1761	142.00	72	253.00	15
64.00	308	93.00	2738	143.00	902	254.00	57
65.00	316	94.00	7874	144.00	76	260.00	138

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652578.D

Injection Date: 14-Sep-2022 17:56:45

Instrument ID: CVOAMS15

Lims ID: BFB

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#:

1

Injection Vol: 5.0 mL

Dil. Factor:

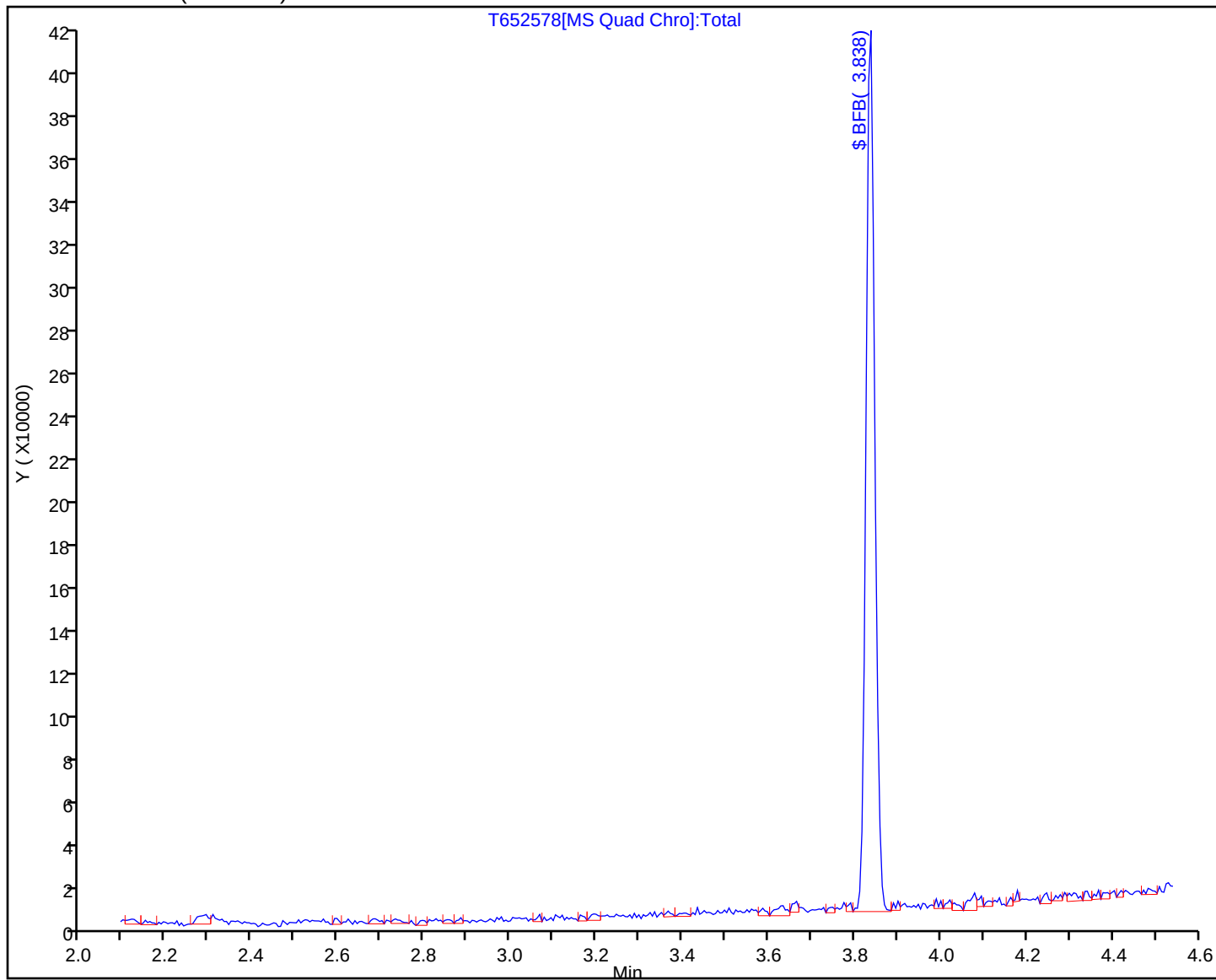
1.0000

Method: 8260W_15

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-267943-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>MB 460-873458/7</u>
Matrix: <u>Water</u>	Lab File ID: <u>T654546.D</u>
Analysis Method: <u>8260D</u>	Date Collected: _____
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>10/22/2022 09:41</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>DB-624</u> ID: <u>0.18 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>873458</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.24	U	1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31
79-00-5	1,1,2-Trichloroethane	0.20	U	1.0	0.20
75-34-3	1,1-Dichloroethane	0.26	U	1.0	0.26
75-35-4	1,1-Dichloroethene	0.26	U	1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	0.36	U	1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	0.37	U	1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38
95-50-1	1,2-Dichlorobenzene	0.21	U	1.0	0.21
107-06-2	1,2-Dichloroethane	0.43	U	1.0	0.43
78-87-5	1,2-Dichloropropane	0.35	U	1.0	0.35
541-73-1	1,3-Dichlorobenzene	0.34	U	1.0	0.34
106-46-7	1,4-Dichlorobenzene	0.33	U	1.0	0.33
78-93-3	2-Butanone (MEK)	1.9	U	5.0	1.9
591-78-6	2-Hexanone	1.1	U	5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3
67-64-1	Acetone	4.4	U	5.0	4.4
71-43-2	Benzene	0.20	U	1.0	0.20
75-25-2	Bromoform	0.54	U	1.0	0.54
74-83-9	Bromomethane	0.55	U	1.0	0.55
75-15-0	Carbon disulfide	0.82	U	1.0	0.82
56-23-5	Carbon tetrachloride	0.21	U	1.0	0.21
108-90-7	Chlorobenzene	0.38	U	1.0	0.38
74-97-5	Chlorobromomethane	0.41	U	1.0	0.41
124-48-1	Chlorodibromomethane	0.28	U	1.0	0.28
75-00-3	Chloroethane	0.32	U	1.0	0.32
67-66-3	Chloroform	0.33	U	1.0	0.33
74-87-3	Chloromethane	0.40	U	1.0	0.40
156-59-2	cis-1,2-Dichloroethene	0.22	U	1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	0.22	U	1.0	0.22
110-82-7	Cyclohexane	0.32	U	1.0	0.32
75-27-4	Dichlorobromomethane	0.34	U	1.0	0.34

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-267943-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>MB 460-873458/7</u>
Matrix: <u>Water</u>	Lab File ID: <u>T654546.D</u>
Analysis Method: <u>8260D</u>	Date Collected: _____
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>10/22/2022 09:41</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>DB-624</u> ID: <u>0.18 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>873458</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	0.31	U	1.0	0.31
100-41-4	Ethylbenzene	0.30	U	1.0	0.30
106-93-4	Ethylene Dibromide	0.50	U	1.0	0.50
98-82-8	Isopropylbenzene	0.34	U	1.0	0.34
79-20-9	Methyl acetate	0.79	U	5.0	0.79
1634-04-4	Methyl tert-butyl ether	0.22	U	1.0	0.22
108-87-2	Methylcyclohexane	0.71	U	1.0	0.71
75-09-2	Methylene Chloride	0.32	U	1.0	0.32
179601-23-1	m-Xylene & p-Xylene	0.30	U	1.0	0.30
95-47-6	o-Xylene	0.36	U	1.0	0.36
100-42-5	Styrene	0.42	U	1.0	0.42
127-18-4	Tetrachloroethene	0.25	U	1.0	0.25
108-88-3	Toluene	0.38	U	1.0	0.38
156-60-5	trans-1,2-Dichloroethene	0.24	U	1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	0.22	U	1.0	0.22
79-01-6	Trichloroethene	0.31	U	1.0	0.31
75-69-4	Trichlorofluoromethane	0.32	U	1.0	0.32
75-01-4	Vinyl chloride	0.17	U	1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	117		70-128
460-00-4	4-Bromofluorobenzene	112		76-120
1868-53-7	Dibromofluoromethane (Surr)	117		77-124
2037-26-5	Toluene-d8 (Surr)	101		80-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: Eurofins Edison Job No.: 460-267943-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 460-873458/7
Matrix: Water Lab File ID: T654546.D
Analysis Method: 8260D Date Collected: _____
Sample wt/vol: 5 (mL) Date Analyzed: 10/22/2022 09:41
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.: 873458 Units: ug/L
Number TICs Found: 0 TIC Result Total: 0

CAS NO.	COMPOUND NAME	RT	RESULT	Q	MATCH QUALITY
	Tentatively Identified Compound		None		

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221022-152105.b\T654546.D
 Lims ID: MB
 Client ID:
 Sample Type: MB
 Inject. Date: 22-Oct-2022 09:41:25 ALS Bottle#: 0 Worklist Smp#: 7
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: MB
 Misc. Info.: 460-0152105-007
 Operator ID: Instrument ID: CVOAMS15
 Method: \\chromfs\Edison\ChromData\CVOAMS15\20221022-152105.b\8260W_15.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 22-Oct-2022 11:18:38 Calib Date: 14-Sep-2022 21:22:51
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652587.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1646

First Level Reviewer: FK2C

Date: 22-Oct-2022 10:08:53

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	3.160	3.160	0.000	93	40394	1000.0	1000.0	
* 42 2-Butanone-d5	46	4.361	4.361	0.000	46	231464	250.0	250.0	
\$ 53 Dibromofluoromethane (Surr)	113	4.891	4.891	0.000	95	188289	50.0	58.6	
\$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.294	5.294	0.000	90	191123	50.0	58.3	
* 65 Fluorobenzene	96	5.604	5.605	-0.001	99	586881	50.0	50.0	
* 73 1,4-Dioxane-d8	96	6.427	6.428	-0.001	1	33382	1000.0	1000.0	
\$ 83 Toluene-d8 (Surr)	98	7.580	7.580	0.000	99	572408	50.0	50.5	
* 94 Chlorobenzene-d5	117	9.732	9.732	0.000	83	462637	50.0	50.0	
\$ 105 4-Bromofluorobenzene	174	11.609	11.616	-0.007	88	187164	50.0	56.1	
* 120 1,4-Dichlorobenzene-d4	152	12.999	13.000	-0.001	95	236586	50.0	50.0	

QC Flag Legend

Processing Flags

Reagents:

VOA6IS/SURR_00061

Amount Added: 5.00

Units: uL

Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221022-152105.b\T654546.D

Injection Date: 22-Oct-2022 09:41:25

Instrument ID: CVOAMS15

Lims ID: MB

Client ID:

Operator ID:

ALS Bottle#:

Worklist Smp#: 7

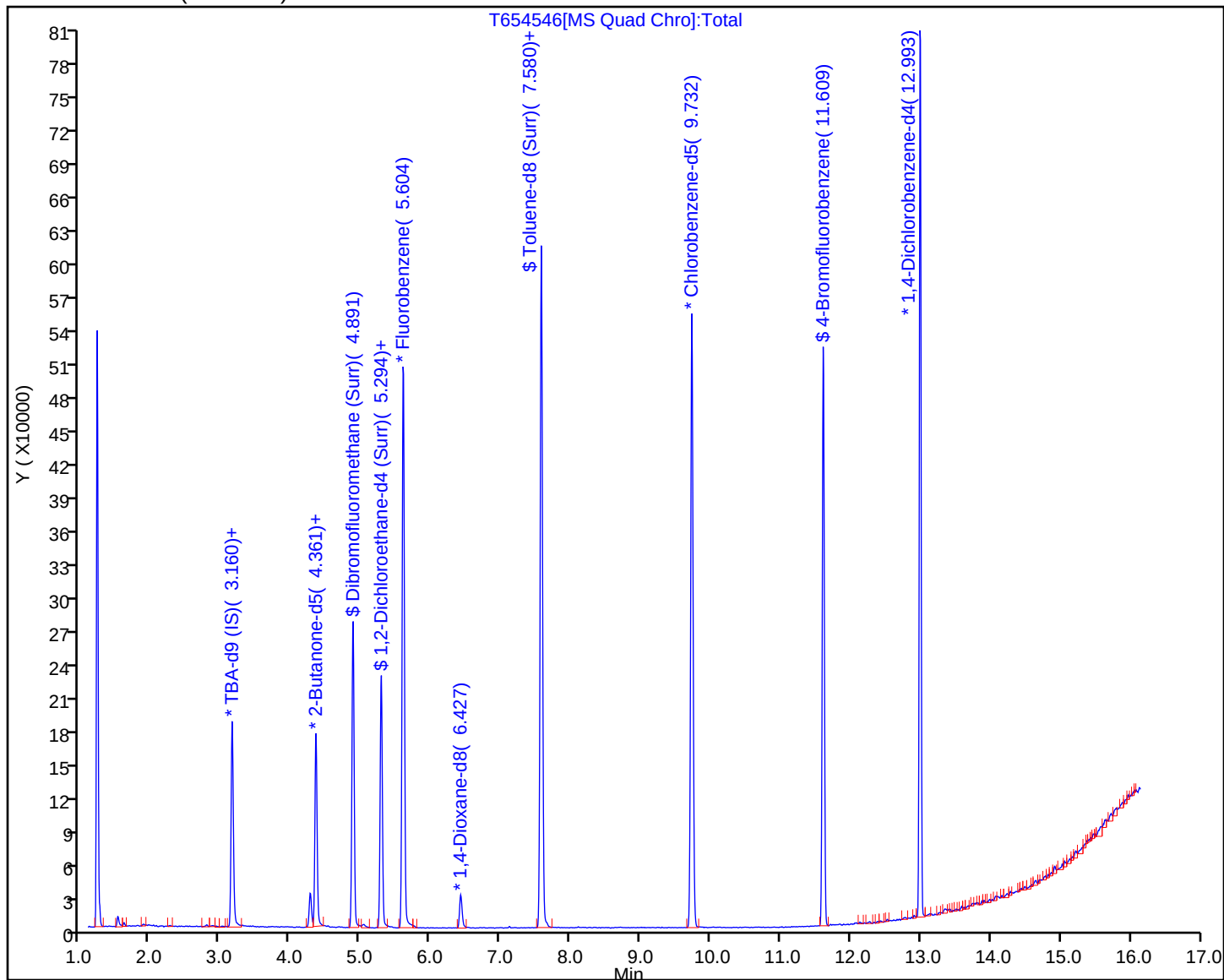
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221022-152105.b\T654546.D
 Lims ID: MB
 Client ID:
 Sample Type: MB
 Inject. Date: 22-Oct-2022 09:41:25 ALS Bottle#: 0 Worklist Smp#: 7
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: MB
 Misc. Info.: 460-0152105-007
 Operator ID: Instrument ID: CVOAMS15
 Method: \\chromfs\Edison\ChromData\CVOAMS15\20221022-152105.b\8260W_15.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 22-Oct-2022 11:18:38 Calib Date: 14-Sep-2022 21:22:51
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652587.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1646

First Level Reviewer: FK2C

Date: 22-Oct-2022 10:08:53

Compound	Amount Added	Amount Recovered	% Rec.
\$ 53 Dibromofluoromethane (Surr)	50.0	58.6	117.24
\$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	58.3	116.51
\$ 83 Toluene-d8 (Surr)	50.0	50.5	100.97
\$ 105 4-Bromofluorobenzene	50.0	56.1	112.28

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221022-152105.b\T654546.D

Injection Date: 22-Oct-2022 09:41:25

Instrument ID: CVOAMS15

Lims ID: MB

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_15

Limit Group:

VOA - 8260D Water and Solid

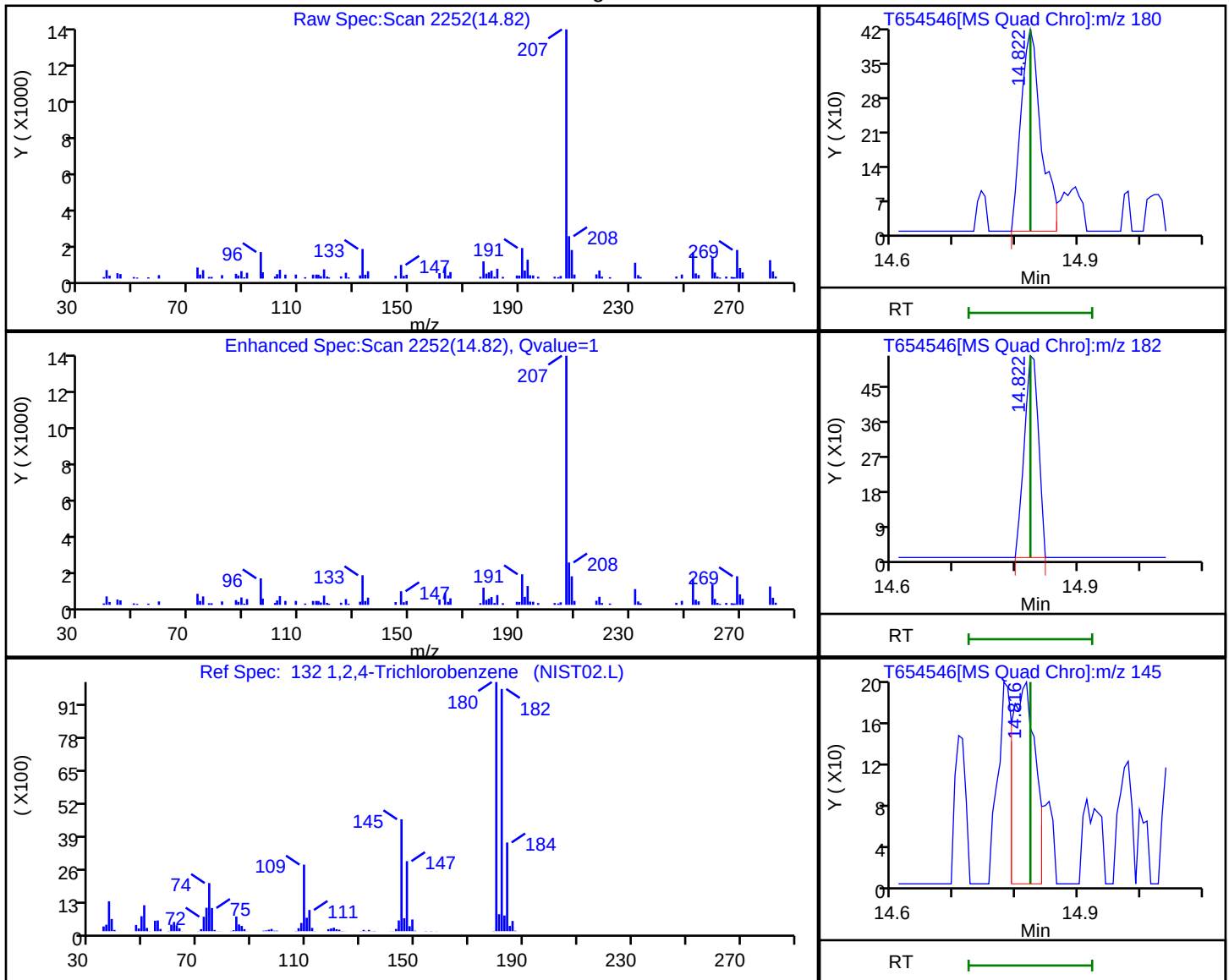
Column: DB-624 (0.18 mm)

Detector

MS Quad

132 1,2,4-Trichlorobenzene, CAS: 120-82-1

Processing Results



RT	Mass	Response	Amount
14.82	180.00	944	0.372177
14.82	182.00	832	
14.82	145.00	497	

Reviewer: FK2C, 22-Oct-2022 10:08:45

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221022-152105.b\T654546.D

Injection Date: 22-Oct-2022 09:41:25

Instrument ID: CVOAMS15

Lims ID: MB

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 7

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: 8260W_15

Limit Group:

VOA - 8260D Water and Solid

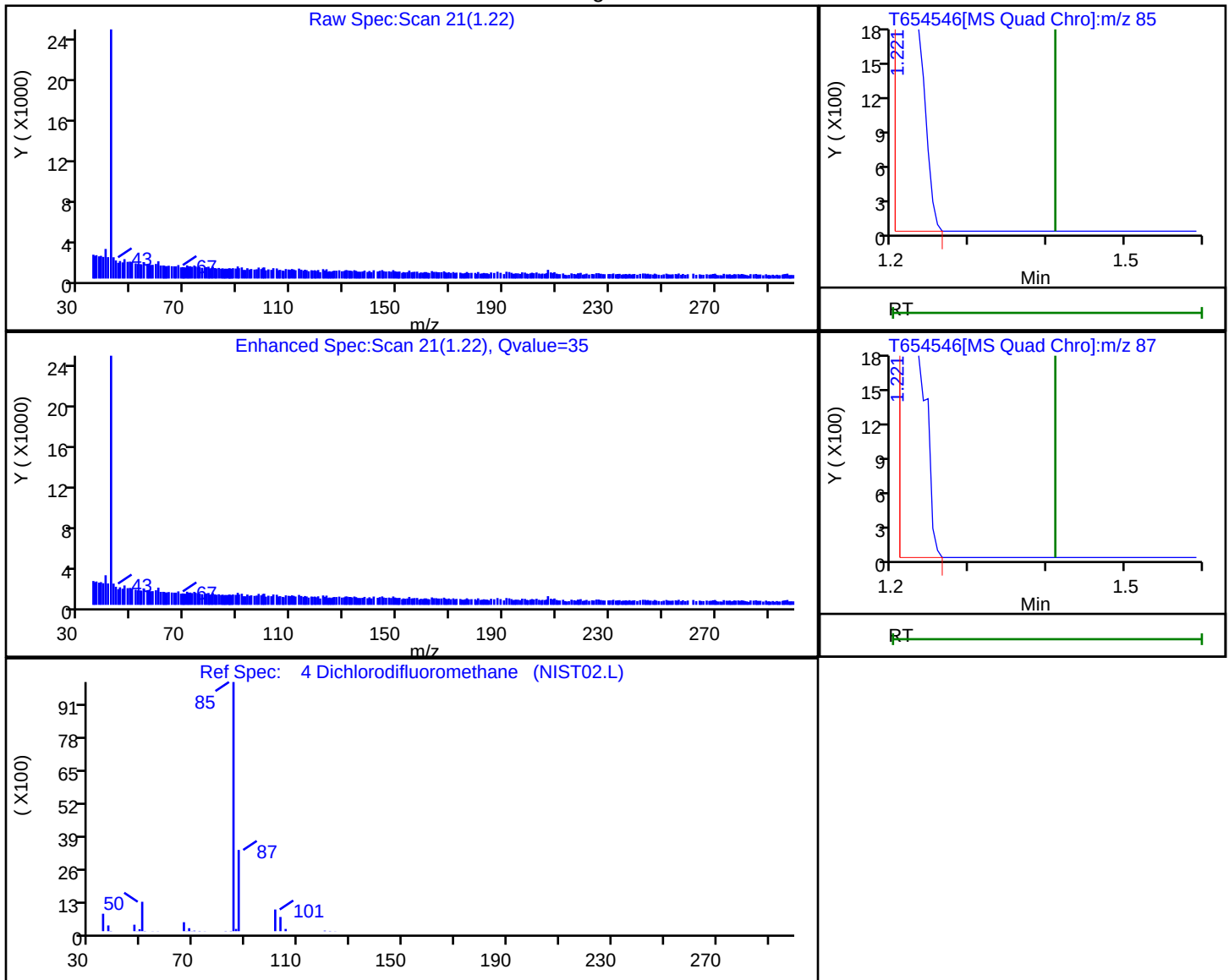
Column: DB-624 (0.18 mm)

Detector

MS Quad

4 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results



RT	Mass	Response	Amount
1.22	85.00	2954	0.859183
1.22	87.00	3247	

Reviewer: FK2C, 22-Oct-2022 10:08:28

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-267943-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>LCS 460-873458/4</u>
Matrix: <u>Water</u>	Lab File ID: <u>T654543.D</u>
Analysis Method: <u>8260D</u>	Date Collected: _____
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>10/22/2022 08:37</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>DB-624</u> ID: <u>0.18 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>873458</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	23.6		1.0	0.24
79-34-5	1,1,2,2-Tetrachloroethane	18.0		1.0	0.37
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	19.3		1.0	0.31
79-00-5	1,1,2-Trichloroethane	20.6		1.0	0.20
75-34-3	1,1-Dichloroethane	18.8		1.0	0.26
75-35-4	1,1-Dichloroethene	21.3		1.0	0.26
87-61-6	1,2,3-Trichlorobenzene	21.9		1.0	0.36
120-82-1	1,2,4-Trichlorobenzene	23.2		1.0	0.37
96-12-8	1,2-Dibromo-3-Chloropropane	21.7		1.0	0.38
95-50-1	1,2-Dichlorobenzene	21.0		1.0	0.21
107-06-2	1,2-Dichloroethane	21.7		1.0	0.43
78-87-5	1,2-Dichloropropane	18.6		1.0	0.35
541-73-1	1,3-Dichlorobenzene	21.7		1.0	0.34
106-46-7	1,4-Dichlorobenzene	21.0		1.0	0.33
78-93-3	2-Butanone (MEK)	123		5.0	1.9
591-78-6	2-Hexanone	108		5.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	109		5.0	1.3
67-64-1	Acetone	104		5.0	4.4
71-43-2	Benzene	20.8		1.0	0.20
75-25-2	Bromoform	24.6		1.0	0.54
74-83-9	Bromomethane	30.0		1.0	0.55
75-15-0	Carbon disulfide	21.4		1.0	0.82
56-23-5	Carbon tetrachloride	23.8		1.0	0.21
108-90-7	Chlorobenzene	20.9		1.0	0.38
74-97-5	Chlorobromomethane	22.2		1.0	0.41
124-48-1	Chlorodibromomethane	24.1		1.0	0.28
75-00-3	Chloroethane	20.4		1.0	0.32
67-66-3	Chloroform	22.1		1.0	0.33
74-87-3	Chloromethane	13.3		1.0	0.40
156-59-2	cis-1,2-Dichloroethene	20.0		1.0	0.22
10061-01-5	cis-1,3-Dichloropropene	20.4		1.0	0.22
110-82-7	Cyclohexane	19.9		1.0	0.32
75-27-4	Dichlorobromomethane	21.9		1.0	0.34

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-267943-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>LCS 460-873458/4</u>
Matrix: <u>Water</u>	Lab File ID: <u>T654543.D</u>
Analysis Method: <u>8260D</u>	Date Collected: _____
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>10/22/2022 08:37</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>1</u>
Soil Extract Vol.: _____	GC Column: <u>DB-624</u> ID: <u>0.18 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>873458</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	14.7		1.0	0.31
100-41-4	Ethylbenzene	22.5		1.0	0.30
106-93-4	Ethylene Dibromide	21.3		1.0	0.50
98-82-8	Isopropylbenzene	23.1		1.0	0.34
79-20-9	Methyl acetate	34.4		5.0	0.79
1634-04-4	Methyl tert-butyl ether	21.5		1.0	0.22
108-87-2	Methylcyclohexane	19.4		1.0	0.71
75-09-2	Methylene Chloride	18.9		1.0	0.32
179601-23-1	m-Xylene & p-Xylene	22.3		1.0	0.30
95-47-6	o-Xylene	22.4		1.0	0.36
100-42-5	Styrene	21.9		1.0	0.42
127-18-4	Tetrachloroethene	21.8		1.0	0.25
108-88-3	Toluene	20.3		1.0	0.38
156-60-5	trans-1,2-Dichloroethene	20.8		1.0	0.24
10061-02-6	trans-1,3-Dichloropropene	21.6		1.0	0.22
79-01-6	Trichloroethene	21.2		1.0	0.31
75-69-4	Trichlorofluoromethane	17.2		1.0	0.32
75-01-4	Vinyl chloride	15.9		1.0	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		70-128
460-00-4	4-Bromofluorobenzene	113		76-120
1868-53-7	Dibromofluoromethane (Surr)	109		77-124
2037-26-5	Toluene-d8 (Surr)	105		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221022-152105.b\T654543.D
 Lims ID: LCS
 Client ID:
 Sample Type: LCS
 Inject. Date: 22-Oct-2022 08:37:27 ALS Bottle#: 0 Worklist Smp#: 4
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCS
 Misc. Info.: 460-0152105-004
 Operator ID: Instrument ID: CVOAMS15
 Method: \\chromfs\Edison\ChromData\CVOAMS15\20221022-152105.b\8260W_15.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 22-Oct-2022 11:18:52 Calib Date: 14-Sep-2022 21:22:51
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652587.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1646

First Level Reviewer: FK2C

Date: 22-Oct-2022 10:08:12

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.282	1.276	0.006	81	4610	20.0	19.5	
3 Chlorotrifluoroethene	116	1.380	1.380	0.000	88	12371	20.0	19.1	
2 1,1-Difluoroethane	65	1.392	1.392	0.000	92	25069	20.0	21.1	
4 Dichlorodifluoromethane	85	1.410	1.410	0.000	88	60939	20.0	14.7	
5 Chlorodifluoromethane	67	1.435	1.435	0.000	78	11243	20.0	19.9	
6 Chloromethane	50	1.587	1.587	0.000	88	38505	20.0	13.3	
7 Vinyl chloride	62	1.672	1.672	0.000	82	45138	20.0	15.9	
8 Butadiene	54	1.703	1.697	0.006	90	40794	20.0	14.4	
9 Bromomethane	94	1.965	1.965	0.000	97	18044	20.0	30.0	
10 Chloroethane	64	2.050	2.050	0.000	97	35506	20.0	20.4	
11 Dichlorofluoromethane	67	2.233	2.233	0.000	89	106855	20.0	16.3	
12 Trichlorofluoromethane	101	2.239	2.239	0.000	87	97772	20.0	17.2	
13 Pentane	72	2.288	2.288	0.000	95	22553	40.0	37.9	
14 Ethanol	46	2.447	2.447	0.000	100	9861	800.0	809.3	
15 Ethyl ether	59	2.489	2.489	0.000	90	49885	20.0	18.6	
17 2-Methyl-1,3-butadiene	53	2.508	2.508	0.000	92	54981	20.0	18.9	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.538	2.538	0.000	85	57907	20.0	18.8	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.599	2.593	0.006	88	92327	20.0	16.7	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.666	2.660	0.006	97	69396	20.0	19.3	
19 Acrolein	56	2.672	2.672	0.000	34	6238	40.0	12.4	
20 1,1-Dichloroethene	96	2.703	2.697	0.006	88	71209	20.0	21.3	
22 Acetone	43	2.800	2.800	0.000	91	69088	100.0	103.9	
23 Iodomethane	142	2.861	2.855	0.006	97	70632	20.0	17.1	
25 Isopropyl alcohol	45	2.886	2.886	0.000	32	30349	200.0	187.3	
24 Carbon disulfide	76	2.892	2.886	0.006	98	239640	20.0	21.4	
27 3-Chloro-1-propene	76	3.038	3.038	0.000	87	47598	20.0	22.9	
29 Cyclopentene	67	3.056	3.056	0.000	90	145368	20.0	17.5	
28 Methyl acetate	43	3.056	3.056	0.000	64	73185	40.0	34.4	
26 Acetonitrile	41	3.117	3.117	0.000	98	60323	200.0	237.2	
* 31 TBA-d9 (IS)	66	3.166	3.160	0.006	97	45326	1000.0	1000.0	
30 Methylene Chloride	84	3.178	3.172	0.006	72	78433	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
32 2-Methyl-2-propanol	59	3.239	3.239	0.000	98	58251	200.0	214.6	
35 Methyl tert-butyl ether	73	3.349	3.349	0.000	95	193713	20.0	21.5	
34 trans-1,2-Dichloroethene	96	3.379	3.373	0.006	92	83154	20.0	20.8	
33 Acrylonitrile	53	3.465	3.465	0.000	94	206521	200.0	186.5	
36 Hexane	57	3.550	3.550	0.000	88	67642	20.0	16.5	
40 Isopropyl ether	45	3.782	3.782	0.000	93	164126	20.0	16.9	
37 1,1-Dichloroethane	63	3.818	3.812	0.006	94	130650	20.0	18.8	
38 Vinyl acetate	86	3.837	3.837	0.000	99	25504	40.0	43.1	
39 2-Chloro-1,3-butadiene	88	3.867	3.867	0.000	86	71977	20.0	21.2	
41 Tert-butyl ethyl ether	59	4.135	4.135	0.000	90	183782	20.0	19.4	
* 42 2-Butanone-d5	46	4.361	4.361	0.000	86	264934	250.0	250.0	
44 2,2-Dichloropropane	97	4.367	4.361	0.006	74	29682	20.0	19.4	
43 cis-1,2-Dichloroethene	96	4.391	4.391	0.000	93	88597	20.0	20.0	
45 2-Butanone (MEK)	72	4.422	4.422	0.000	98	35709	100.0	122.9	
47 Ethyl acetate	70	4.434	4.428	0.006	97	14642	40.0	53.0	
48 Methyl acrylate	55	4.489	4.489	0.000	99	46986	20.0	17.8	
46 Propionitrile	54	4.574	4.574	0.000	97	77222	200.0	188.1	
49 Chlorobromomethane	128	4.647	4.647	0.000	75	42789	20.0	22.2	
51 Tetrahydrofuran	72	4.647	4.647	0.000	69	15124	40.0	50.3	
50 Methacrylonitrile	67	4.690	4.690	0.000	85	260652	200.0	195.2	
52 Chloroform	83	4.708	4.708	0.000	93	153817	20.0	22.1	
55 Cyclohexane	84	4.849	4.849	0.000	84	97357	20.0	19.9	
54 1,1,1-Trichloroethane	97	4.867	4.867	0.000	90	146744	20.0	23.6	
\$ 53 Dibromofluoromethane (Surr)	113	4.891	4.891	0.000	96	210453	50.0	54.3	
56 Carbon tetrachloride	117	5.001	5.001	0.000	90	133489	20.0	23.8	
57 1,1-Dichloropropene	75	5.044	5.044	0.000	96	111123	20.0	21.3	
59 Isobutyl alcohol	43	5.202	5.202	0.000	97	62216	500.0	387.8	
62 Isooctane	57	5.239	5.239	0.000	97	118398	20.0	15.1	
60 Benzene	78	5.269	5.269	0.000	95	299842	20.0	20.8	
\$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.294	5.294	0.000	91	217305	50.0	54.9	
64 Tert-amyl methyl ether	73	5.355	5.355	0.000	85	190852	20.0	20.8	
63 Isopropyl acetate	61	5.367	5.361	0.006	84	30878	20.0	18.3	
61 1,2-Dichloroethane	62	5.379	5.379	0.000	92	102645	20.0	21.7	
66 n-Heptane	43	5.458	5.458	0.000	87	49208	20.0	16.3	
* 65 Fluorobenzene	96	5.611	5.605	0.006	99	707671	50.0	50.0	
68 n-Butanol	56	5.983	5.976	0.006	79	37489	500.0	533.6	
67 Trichloroethene	95	6.013	6.013	0.000	94	88281	20.0	21.2	
70 Methylcyclohexane	83	6.159	6.153	0.006	93	95274	20.0	19.4	a
69 Ethyl acrylate	55	6.184	6.263	-0.079	98	129933	20.0	17.4	a
71 1,2-Dichloropropane	63	6.360	6.361	-0.001	90	72363	20.0	18.6	
* 73 1,4-Dioxane-d8	96	6.434	6.428	0.006	1	36419	1000.0	1000.0	
75 Methyl methacrylate	100	6.476	6.470	0.006	81	33640	40.0	41.4	
74 1,4-Dioxane	88	6.501	6.495	0.006	44	16224	400.0	439.7	
72 Dibromomethane	93	6.507	6.507	0.000	95	51899	20.0	21.7	
76 n-Propyl acetate	43	6.543	6.543	0.000	95	66185	20.0	16.0	
77 Dichlorobromomethane	83	6.690	6.690	0.000	95	117774	20.0	21.9	
78 2-Nitropropane	41	7.110	7.104	0.006	85	25062	40.0	35.9	
79 2-Chloroethyl vinyl ether	106	7.116	7.116	0.000	68	7072	20.0	13.2	
80 Epichlorohydrin	57	7.232	7.232	0.000	97	103393	400.0	434.1	
81 cis-1,3-Dichloropropene	75	7.293	7.293	0.000	83	129723	20.0	20.4	
82 4-Methyl-2-pentanone (MIBK)	43	7.507	7.507	0.000	92	209603	100.0	108.9	
\$ 83 Toluene-d8 (Surr)	98	7.586	7.580	0.006	98	667862	50.0	52.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Toluene	91	7.671	7.671	0.000	93	323447	20.0	20.3	
85 trans-1,3-Dichloropropene	75	8.104	8.104	0.000	90	118861	20.0	21.6	
86 Ethyl methacrylate	69	8.165	8.165	0.000	84	74782	20.0	19.8	
87 1,1,2-Trichloroethane	83	8.360	8.360	0.000	93	57489	20.0	20.6	
88 Tetrachloroethene	166	8.397	8.397	0.000	90	85340	20.0	21.8	
89 1,3-Dichloropropane	76	8.616	8.610	0.006	88	109668	20.0	20.4	
90 2-Hexanone	43	8.720	8.714	0.006	92	146262	100.0	108.5	
93 n-Butyl acetate	43	8.866	8.866	0.000	96	66393	20.0	16.6	
91 Chlorodibromomethane	129	8.884	8.878	0.006	95	93009	20.0	24.1	
92 Ethylene Dibromide	107	9.061	9.061	0.000	96	74400	20.0	21.3	
* 94 Chlorobenzene-d5	117	9.738	9.732	0.006	83	519898	50.0	50.0	
95 Chlorobenzene	112	9.781	9.775	0.006	96	213638	20.0	20.9	
97 Ethylbenzene	106	9.921	9.921	0.000	97	117732	20.0	22.5	
96 1,1,1,2-Tetrachloroethane	131	9.933	9.927	0.006	47	84519	20.0	22.5	
98 m-Xylene & p-Xylene	106	10.116	10.116	0.000	96	146806	20.0	22.3	
99 o-Xylene	106	10.756	10.756	0.000	93	136907	20.0	22.4	
101 n-Butyl acrylate	73	10.787	10.787	-0.001	97	49176	20.0	21.1	
100 Styrene	104	10.811	10.805	0.006	95	222963	20.0	21.9	
102 Bromoform	173	11.116	11.116	0.000	94	57804	20.0	24.6	
103 Amyl acetate (mixed isomers)	43	11.164	11.165	-0.001	92	80804	20.0	16.1	
104 Isopropylbenzene	105	11.335	11.335	0.000	96	340991	20.0	23.1	
\$ 105 4-Bromofluorobenzene	174	11.616	11.616	0.000	90	212615	50.0	56.7	
106 Bromobenzene	156	11.786	11.786	0.000	96	88059	20.0	21.3	
107 1,1,2,2-Tetrachloroethane	83	11.884	11.884	0.000	93	76703	20.0	18.0	
110 N-Propylbenzene	91	11.914	11.914	0.000	99	398678	20.0	21.1	
108 1,2,3-Trichloropropane	110	11.939	11.939	0.000	94	25551	20.0	20.3	
109 trans-1,4-Dichloro-2-butene	53	11.981	11.975	0.006	95	19392	20.0	20.3	
111 2-Chlorotoluene	91	12.036	12.036	0.000	96	277162	20.0	21.0	
112 4-Ethyltoluene	105	12.073	12.067	0.006	98	335147	20.0	21.5	
114 1,3,5-Trimethylbenzene	105	12.164	12.158	0.006	91	282310	20.0	22.3	
113 4-Chlorotoluene	91	12.189	12.189	0.000	98	285263	20.0	21.5	
115 Butyl Methacrylate	87	12.317	12.317	0.000	84	84211	20.0	19.7	
116 tert-Butylbenzene	119	12.524	12.524	0.000	92	239341	20.0	23.0	
117 1,2,4-Trimethylbenzene	105	12.597	12.597	0.000	97	286263	20.0	23.0	
118 sec-Butylbenzene	105	12.774	12.774	0.000	98	329813	20.0	22.3	
119 1,3-Dichlorobenzene	146	12.914	12.914	0.000	96	153948	20.0	21.7	
122 4-Isopropyltoluene	119	12.945	12.939	0.006	91	279705	20.0	23.2	
* 120 1,4-Dichlorobenzene-d4	152	13.000	13.000	0.000	95	273648	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.024	13.024	0.000	93	153118	20.0	21.0	
123 1,2,3-Trimethylbenzene	105	13.060	13.061	-0.001	98	280546	20.0	22.0	
124 Benzyl chloride	91	13.189	13.189	-0.001	99	152548	20.0	18.8	
125 2,3-Dihydroindene	117	13.256	13.250	0.006	93	259429	20.0	21.3	
127 p-Diethylbenzene	119	13.341	13.335	0.006	89	161673	20.0	25.7	
128 n-Butylbenzene	92	13.359	13.359	0.000	96	136588	20.0	21.7	
126 1,2-Dichlorobenzene	146	13.402	13.402	0.000	95	135401	20.0	21.0	
130 1,2,4,5-Tetramethylbenzene	119	14.079	14.079	0.000	95	230332	20.0	23.2	
129 1,2-Dibromo-3-Chloropropane	157	14.164	14.164	0.000	90	17356	20.0	21.7	
131 1,3,5-Trichlorobenzene	180	14.286	14.286	0.000	92	79804	20.0	21.8	
132 1,2,4-Trichlorobenzene	180	14.822	14.822	0.000	95	67973	20.0	23.2	
133 Hexachlorobutadiene	225	14.920	14.920	0.000	91	34237	20.0	26.0	
134 Naphthalene	128	15.030	15.030	0.000	99	167350	20.0	21.3	
135 1,2,3-Trichlorobenzene	180	15.219	15.219	0.000	95	52692	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
S 136 1,2-Dichloroethene, Total	100				0		40.0	40.9	
S 137 Xylenes, Total	100				0		40.0	44.7	
S 140 Total BTEX	1				0		100.0	108.4	
S 139 1,3-Dichloropropene, Total	1				0		40.0	42.0	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

ACROLEIN W_00145	Amount Added: 4.00	Units: uL	
8260MIX1COMB_00161	Amount Added: 20.00	Units: uL	
524freon_00059	Amount Added: 20.00	Units: uL	
GASES Li_00499	Amount Added: 20.00	Units: uL	
VOA6IS/SURR_00061	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221022-152105.b\T654543.D

Injection Date: 22-Oct-2022 08:37:27

Instrument ID: CVOAMS15

Lims ID: LCS

Client ID:

Operator ID:

ALS Bottle#:

Worklist Smp#: 4

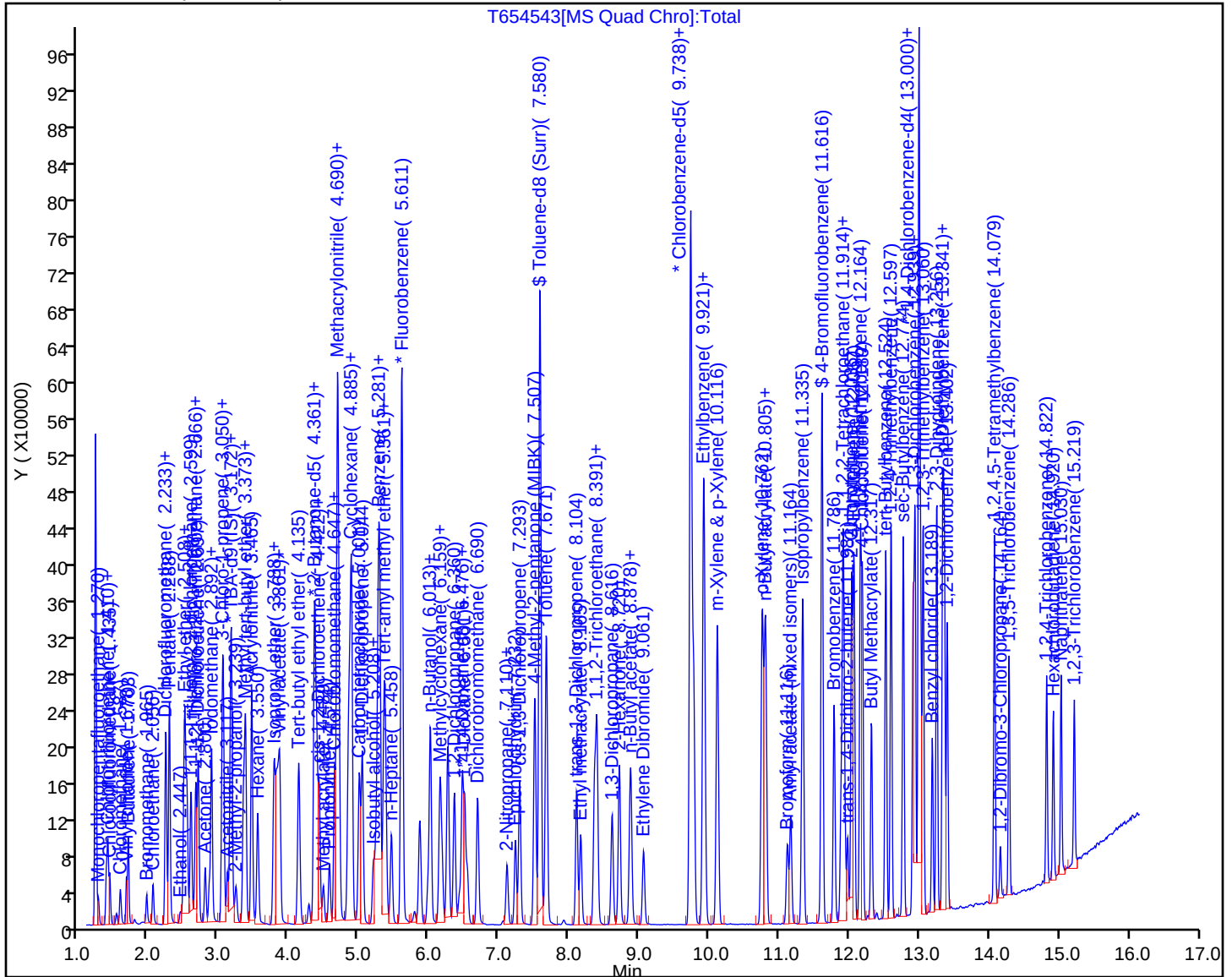
Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221022-152105.b\T654543.D
 Lims ID: LCS
 Client ID:
 Sample Type: LCS
 Inject. Date: 22-Oct-2022 08:37:27 ALS Bottle#: 0 Worklist Smp#: 4
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: LCS
 Misc. Info.: 460-0152105-004
 Operator ID: Instrument ID: CVOAMS15
 Method: \\chromfs\Edison\ChromData\CVOAMS15\20221022-152105.b\8260W_15.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 22-Oct-2022 11:18:52 Calib Date: 14-Sep-2022 21:22:51
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652587.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1646

First Level Reviewer: FK2C

Date: 22-Oct-2022 10:08:12

Compound	Amount Added	Amount Recovered	% Rec.
\$ 53 Dibromofluoromethane (Surr)	50.0	54.3	108.67
\$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	54.9	109.86
\$ 83 Toluene-d8 (Surr)	50.0	52.4	104.83
\$ 105 4-Bromofluorobenzene	50.0	56.7	113.50

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221022-152105.b\T654543.D

Injection Date: 22-Oct-2022 08:37:27

Instrument ID: CVOAMS15

Lims ID: LCS

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

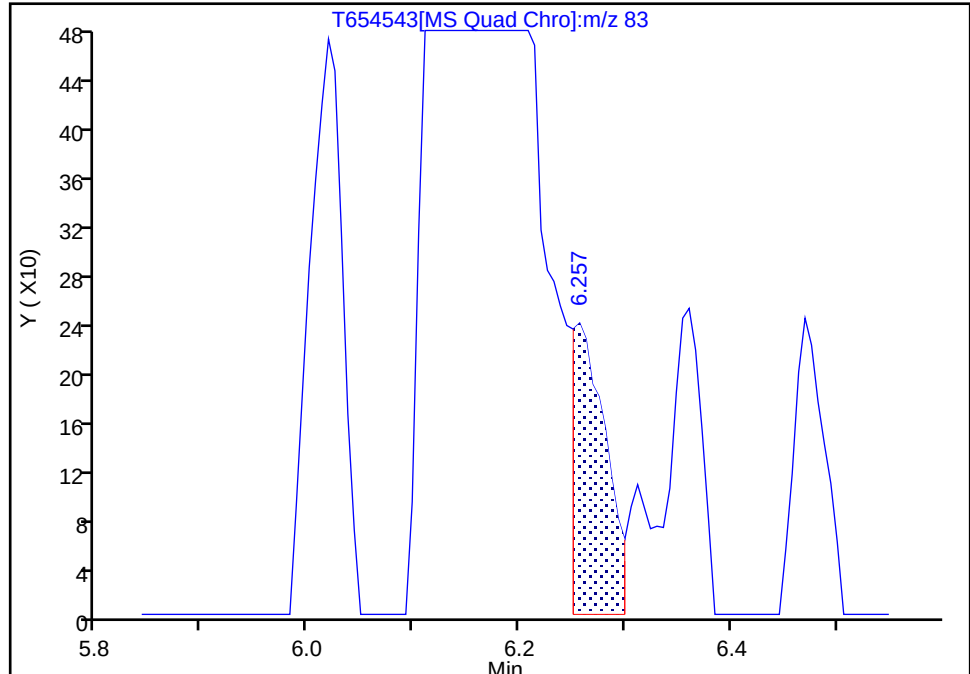
Detector MS Quad

70 Methylcyclohexane, CAS: 108-87-2

Signal: 1

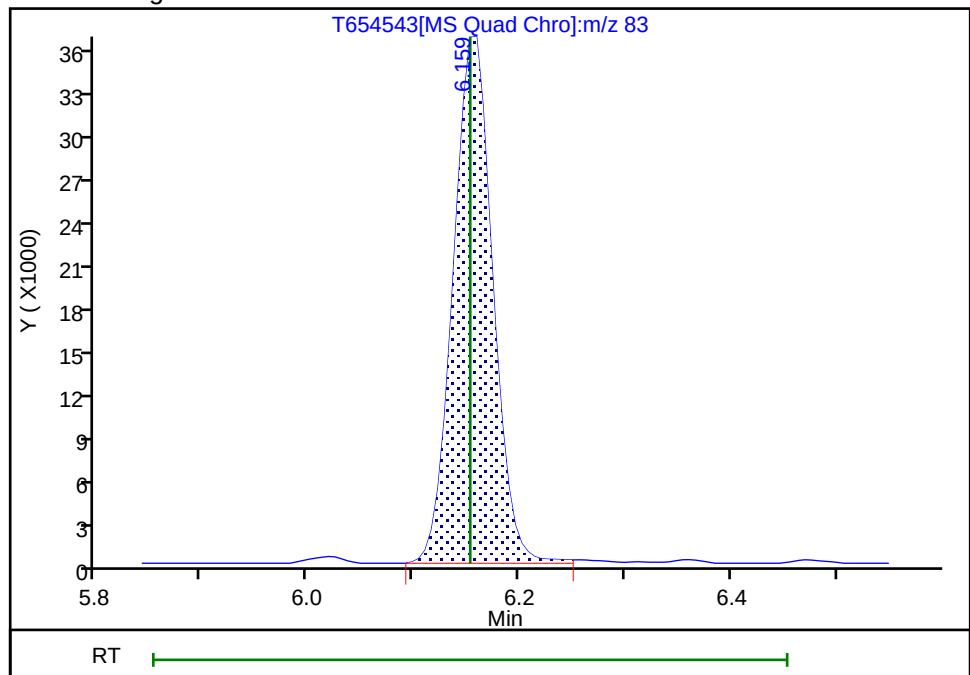
RT: 6.26
Area: 535
Amount: 0.108802
Amount Units: ug/l

Processing Integration Results



RT: 6.16
Area: 95274
Amount: 19.375637
Amount Units: ug/l

Manual Integration Results



Reviewer: FK2C, 22-Oct-2022 10:07:32

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-267943-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>460-267862-B-1 MS</u>
Matrix: <u>Water</u>	Lab File ID: <u>T654567.D</u>
Analysis Method: <u>8260D</u>	Date Collected: _____
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>10/22/2022 17:10</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>10</u>
Soil Extract Vol.: _____	GC Column: <u>DB-624</u> ID: <u>0.18 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>873458</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	249		10	2.4
79-34-5	1,1,2,2-Tetrachloroethane	196		10	3.7
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	238		10	3.1
79-00-5	1,1,2-Trichloroethane	212		10	2.0
75-34-3	1,1-Dichloroethane	208		10	2.6
75-35-4	1,1-Dichloroethene	236		10	2.6
87-61-6	1,2,3-Trichlorobenzene	190		10	3.6
120-82-1	1,2,4-Trichlorobenzene	217		10	3.7
96-12-8	1,2-Dibromo-3-Chloropropane	211		10	3.8
95-50-1	1,2-Dichlorobenzene	208		10	2.1
107-06-2	1,2-Dichloroethane	223		10	4.3
78-87-5	1,2-Dichloropropane	202		10	3.5
541-73-1	1,3-Dichlorobenzene	209		10	3.4
106-46-7	1,4-Dichlorobenzene	206		10	3.3
78-93-3	2-Butanone (MEK)	1180		50	19
591-78-6	2-Hexanone	1060		50	11
108-10-1	4-Methyl-2-pentanone (MIBK)	1060		50	13
67-64-1	Acetone	1010		50	44
71-43-2	Benzene	230		10	2.0
75-25-2	Bromoform	253		10	5.4
74-83-9	Bromomethane	185		10	5.5
75-15-0	Carbon disulfide	233		10	8.2
56-23-5	Carbon tetrachloride	256		10	2.1
108-90-7	Chlorobenzene	213		10	3.8
74-97-5	Chlorobromomethane	227		10	4.1
124-48-1	Chlorodibromomethane	241		10	2.8
75-00-3	Chloroethane	217		10	3.2
67-66-3	Chloroform	236		10	3.3
74-87-3	Chloromethane	161		10	4.0
156-59-2	cis-1,2-Dichloroethene	217		10	2.2
10061-01-5	cis-1,3-Dichloropropene	212		10	2.2
110-82-7	Cyclohexane	235		10	3.2
75-27-4	Dichlorobromomethane	229		10	3.4

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-267943-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>460-267862-B-1 MS</u>
Matrix: <u>Water</u>	Lab File ID: <u>T654567.D</u>
Analysis Method: <u>8260D</u>	Date Collected: _____
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>10/22/2022 17:10</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>10</u>
Soil Extract Vol.: _____	GC Column: <u>DB-624</u> ID: <u>0.18 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>873458</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	190		10	3.1
100-41-4	Ethylbenzene	233		10	3.0
106-93-4	Ethylene Dibromide	225		10	5.0
98-82-8	Isopropylbenzene	240		10	3.4
79-20-9	Methyl acetate	386		50	7.9
1634-04-4	Methyl tert-butyl ether	229		10	2.2
108-87-2	Methylcyclohexane	229		10	7.1
75-09-2	Methylene Chloride	208		10	3.2
179601-23-1	m-Xylene & p-Xylene	228		10	3.0
95-47-6	o-Xylene	229		10	3.6
100-42-5	Styrene	225		10	4.2
127-18-4	Tetrachloroethene	227		10	2.5
108-88-3	Toluene	216		10	3.8
156-60-5	trans-1,2-Dichloroethene	223		10	2.4
10061-02-6	trans-1,3-Dichloropropene	222		10	2.2
79-01-6	Trichloroethene	221		10	3.1
75-69-4	Trichlorofluoromethane	213		10	3.2
75-01-4	Vinyl chloride	207		10	1.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		70-128
460-00-4	4-Bromofluorobenzene	112		76-120
1868-53-7	Dibromofluoromethane (Surr)	109		77-124
2037-26-5	Toluene-d8 (Surr)	106		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221022-152105.b\T654567.D
 Lims ID: 460-267862-B-1 MS
 Client ID:
 Sample Type: MS
 Inject. Date: 22-Oct-2022 17:10:08 ALS Bottle#: 0 Worklist Smp#: 28
 Purge Vol: 5.000 mL Dil. Factor: 10.0000
 Sample Info: 460-267862-B-1 MS
 Misc. Info.: 460-0152105-028
 Operator ID: Instrument ID: CVOAMS15
 Method: \\chromfs\Edison\ChromData\CVOAMS15\20221022-152105.b\8260W_15.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 24-Oct-2022 17:19:22 Calib Date: 14-Sep-2022 21:22:51
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652587.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1633

First Level Reviewer: FK2C

Date: 23-Oct-2022 06:11:56

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.276	1.276	0.000	53	6004	20.0	25.8	
3 Chlorotrifluoroethene	116	1.380	1.380	0.000	81	13012	20.0	20.5	
2 1,1-Difluoroethane	65	1.392	1.392	0.000	93	30646	20.0	26.2	
4 Dichlorodifluoromethane	85	1.410	1.410	0.000	87	77458	20.0	19.0	
5 Chlorodifluoromethane	67	1.434	1.435	-0.001	78	12723	20.0	22.9	
6 Chloromethane	50	1.587	1.587	0.000	88	45678	20.0	16.1	
7 Vinyl chloride	62	1.672	1.672	0.000	98	57694	20.0	20.7	
8 Butadiene	54	1.697	1.697	0.000	89	56737	20.0	20.4	
9 Bromomethane	94	1.959	1.965	-0.006	93	11661	20.0	18.5	M
10 Chloroethane	64	2.050	2.050	0.000	97	41837	20.0	21.7	
11 Dichlorofluoromethane	67	2.233	2.233	0.000	87	121603	20.0	18.9	
12 Trichlorofluoromethane	101	2.239	2.239	0.000	99	118777	20.0	21.3	
13 Pentane	72	2.288	2.288	0.000	95	27425	40.0	46.8	
14 Ethanol	46	2.440	2.447	-0.007	99	10995	800.0	871.9	
15 Ethyl ether	59	2.489	2.489	0.000	90	54299	20.0	20.6	
17 2-Methyl-1,3-butadiene	53	2.507	2.508	-0.001	92	66189	20.0	23.1	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.538	2.538	0.000	84	67561	20.0	22.4	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.593	2.593	0.000	89	107347	20.0	19.8	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.660	2.660	0.000	95	83786	20.0	23.8	
19 Acrolein	56	2.666	2.672	-0.006	34	7172	40.0	13.7	
20 1,1-Dichloroethene	96	2.696	2.697	-0.001	88	77286	20.0	23.6	
22 Acetone	43	2.800	2.800	0.000	89	73847	100.0	100.6	
23 Iodomethane	142	2.855	2.855	0.000	99	71055	20.0	17.6	
25 Isopropyl alcohol	45	2.885	2.886	-0.001	31	33187	200.0	197.9	
24 Carbon disulfide	76	2.885	2.886	-0.001	99	256435	20.0	23.3	
27 3-Chloro-1-propene	76	3.038	3.038	0.000	88	48664	20.0	23.9	
29 Cyclopentene	67	3.056	3.056	0.000	91	166377	20.0	20.5	
28 Methyl acetate	43	3.056	3.056	0.000	62	80669	40.0	38.6	
26 Acetonitrile	41	3.111	3.117	-0.006	99	60739	200.0	216.2	
* 31 TBA-d9 (IS)	66	3.160	3.160	0.000	97	46909	1000.0	1000.0	
30 Methylene Chloride	84	3.172	3.172	0.000	65	84822	20.0	20.8	

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	3.239	3.239	0.000	99	62116	200.0	221.1	
35 Methyl tert-butyl ether	73	3.349	3.349	0.000	96	202838	20.0	22.9	
34 trans-1,2-Dichloroethene	96	3.373	3.373	0.000	84	87465	20.0	22.3	
33 Acrylonitrile	53	3.458	3.465	-0.007	95	233717	200.0	214.9	
36 Hexane	57	3.550	3.550	0.000	89	83391	20.0	20.8	
40 Isopropyl ether	45	3.782	3.782	0.000	94	181380	20.0	19.0	
37 1,1-Dichloroethane	63	3.812	3.812	0.000	94	141880	20.0	20.8	
38 Vinyl acetate	86	3.836	3.837	-0.001	99	32673	40.0	50.0	
39 2-Chloro-1,3-butadiene	88	3.861	3.867	-0.006	86	76792	20.0	23.0	
41 Tert-butyl ethyl ether	59	4.135	4.135	0.000	90	195744	20.0	21.0	
* 42 2-Butanone-d5	46	4.355	4.361	-0.006	88	292632	250.0	250.0	
44 2,2-Dichloropropane	97	4.361	4.361	0.000	68	29197	20.0	19.4	
43 cis-1,2-Dichloroethene	96	4.391	4.391	0.000	94	93986	20.0	21.7	
45 2-Butanone (MEK)	72	4.422	4.422	0.000	97	37728	100.0	117.6	
47 Ethyl acetate	70	4.428	4.428	0.000	96	16599	40.0	54.4	
48 Methyl acrylate	55	4.489	4.489	0.000	99	51932	20.0	20.0	
46 Propionitrile	54	4.574	4.574	0.000	98	84776	200.0	199.5	
49 Chlorobromomethane	128	4.647	4.647	0.000	78	42916	20.0	22.7	
51 Tetrahydrofuran	72	4.647	4.647	0.000	72	16631	40.0	50.1	
50 Methacrylonitrile	67	4.690	4.690	0.000	86	279273	200.0	213.1	
52 Chloroform	83	4.708	4.708	0.000	93	160854	20.0	23.6	
55 Cyclohexane	84	4.842	4.849	-0.007	87	112687	20.0	23.5	
54 1,1,1-Trichloroethane	97	4.867	4.867	0.000	91	151715	20.0	24.9	
\$ 53 Dibromofluoromethane (Surr)	113	4.885	4.891	-0.006	95	207353	50.0	54.5	
56 Carbon tetrachloride	117	5.001	5.001	0.000	90	141040	20.0	25.6	
57 1,1-Dichloropropene	75	5.043	5.044	-0.001	97	119213	20.0	23.3	
59 Isobutyl alcohol	43	5.202	5.202	0.000	96	74731	500.0	450.1	
62 Isooctane	57	5.239	5.239	0.000	99	148222	20.0	19.3	
60 Benzene	78	5.269	5.269	0.000	96	320002	20.0	23.0	
\$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.293	5.294	-0.001	92	214161	50.0	55.1	
64 Tert-amyl methyl ether	73	5.354	5.355	-0.001	84	196725	20.0	21.9	
63 Isopropyl acetate	61	5.367	5.361	0.006	88	33962	20.0	20.5	
61 1,2-Dichloroethane	62	5.379	5.379	0.000	91	103479	20.0	22.3	
66 n-Heptane	43	5.458	5.458	0.000	88	59322	20.0	20.0	
* 65 Fluorobenzene	96	5.604	5.605	-0.001	99	694830	50.0	50.0	
68 n-Butanol	56	5.976	5.976	0.000	82	37990	500.0	522.5	
67 Trichloroethene	95	6.013	6.013	0.000	96	90243	20.0	22.1	
70 Methylcyclohexane	83	6.153	6.153	0.000	94	110481	20.0	22.9	a
69 Ethyl acrylate	55	6.177	6.178	-0.001	97	148051	20.0	20.2	a
71 1,2-Dichloropropane	63	6.354	6.361	-0.007	92	77014	20.0	20.2	
* 73 1,4-Dioxane-d8	96	6.433	6.428	0.005	1	36692	1000.0	1000.0	
75 Methyl methacrylate	100	6.470	6.470	0.000	81	34646	40.0	43.4	
74 1,4-Dioxane	88	6.494	6.495	-0.001	46	15314	400.0	411.9	
72 Dibromomethane	93	6.507	6.507	0.000	95	53199	20.0	22.7	
76 n-Propyl acetate	43	6.543	6.543	0.000	95	66965	20.0	16.5	
77 Dichlorobromomethane	83	6.690	6.690	0.000	95	120750	20.0	22.9	
78 2-Nitropropane	41	7.104	7.104	0.000	97	27066	40.0	39.5	
80 Epichlorohydrin	57	7.232	7.232	0.000	98	108854	400.0	413.8	
81 cis-1,3-Dichloropropene	75	7.287	7.293	-0.006	84	129963	20.0	21.2	
82 4-Methyl-2-pentanone (MIBK)	43	7.506	7.507	-0.001	93	226076	100.0	106.3	
\$ 83 Toluene-d8 (Surr)	98	7.580	7.580	0.000	99	649125	50.0	52.8	
84 Toluene	91	7.671	7.671	0.000	94	331386	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
85 trans-1,3-Dichloropropene	75	8.104	8.104	0.000	91	117847	20.0	22.2	
86 Ethyl methacrylate	69	8.165	8.165	0.000	85	76769	20.0	21.1	
87 1,1,2-Trichloroethane	83	8.360	8.360	0.000	92	57210	20.0	21.2	
88 Tetrachloroethene	166	8.390	8.397	-0.007	87	85614	20.0	22.7	
89 1,3-Dichloropropane	76	8.610	8.610	0.000	89	108495	20.0	20.9	
90 2-Hexanone	43	8.714	8.714	0.000	93	158539	100.0	106.4	
93 n-Butyl acetate	43	8.866	8.866	0.000	96	75157	20.0	19.4	
91 Chlorodibromomethane	129	8.878	8.878	0.000	96	89509	20.0	24.1	
92 Ethylene Dibromide	107	9.061	9.061	0.000	97	75855	20.0	22.5	
* 94 Chlorobenzene-d5	117	9.732	9.732	0.000	84	501559	50.0	50.0	
95 Chlorobenzene	112	9.774	9.775	-0.001	94	210048	20.0	21.3	
97 Ethylbenzene	106	9.915	9.921	-0.006	98	117236	20.0	23.3	
96 1,1,1,2-Tetrachloroethane	131	9.927	9.927	0.000	43	82683	20.0	22.9	
98 m-Xylene & p-Xylene	106	10.116	10.116	0.000	96	144671	20.0	22.8	
99 o-Xylene	106	10.756	10.756	0.000	94	134772	20.0	22.9	
101 n-Butyl acrylate	73	10.780	10.787	-0.007	98	49933	20.0	22.2	
100 Styrene	104	10.805	10.805	0.000	95	221164	20.0	22.5	
102 Bromoform	173	11.116	11.116	0.000	95	57489	20.0	25.3	
103 Amyl acetate (mixed isomers)	43	11.164	11.165	-0.001	92	91081	20.0	18.6	
104 Isopropylbenzene	105	11.335	11.335	0.000	96	340478	20.0	24.0	
\$ 105 4-Bromofluorobenzene	174	11.609	11.616	-0.007	88	201612	50.0	55.8	
106 Bromobenzene	156	11.786	11.786	0.000	97	81983	20.0	20.3	
107 1,1,2,2-Tetrachloroethane	83	11.884	11.884	0.000	94	81487	20.0	19.6	
110 N-Propylbenzene	91	11.914	11.914	0.000	99	395695	20.0	21.4	
108 1,2,3-Trichloropropane	110	11.939	11.939	0.000	95	25358	20.0	20.6	
109 trans-1,4-Dichloro-2-butene	53	11.975	11.975	0.000	94	21281	20.0	22.8	
111 2-Chlorotoluene	91	12.036	12.036	0.000	95	277232	20.0	21.5	
112 4-Ethyltoluene	105	12.067	12.067	0.000	97	326547	20.0	21.4	
114 1,3,5-Trimethylbenzene	105	12.158	12.158	0.000	92	273650	20.0	22.1	
113 4-Chlorotoluene	91	12.189	12.189	0.000	98	281789	20.0	21.8	
115 Butyl Methacrylate	87	12.317	12.317	0.000	85	84478	20.0	20.3	
116 tert-Butylbenzene	119	12.524	12.524	0.000	92	229406	20.0	22.5	
117 1,2,4-Trimethylbenzene	105	12.597	12.597	0.000	97	277831	20.0	22.8	
118 sec-Butylbenzene	105	12.774	12.774	0.000	98	313996	20.0	21.7	
119 1,3-Dichlorobenzene	146	12.914	12.914	0.000	95	144877	20.0	20.9	
122 4-Isopropyltoluene	119	12.938	12.939	-0.001	95	266054	20.0	22.6	
* 120 1,4-Dichlorobenzene-d4	152	12.999	13.000	-0.001	95	267418	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.024	13.024	0.000	93	146796	20.0	20.6	
123 1,2,3-Trimethylbenzene	105	13.054	13.061	-0.007	99	275193	20.0	22.1	
124 Benzyl chloride	91	13.188	13.189	-0.001	99	145014	20.0	18.3	
125 2,3-Dihydroindene	117	13.249	13.250	-0.001	90	249912	20.0	21.0	
127 p-Diethylbenzene	119	13.335	13.335	0.000	91	148338	20.0	24.2	
128 n-Butylbenzene	92	13.359	13.359	0.000	97	132557	20.0	21.6	
126 1,2-Dichlorobenzene	146	13.402	13.402	0.000	95	131204	20.0	20.8	
130 1,2,4,5-Tetramethylbenzene	119	14.078	14.079	-0.001	96	209121	20.0	21.6	
129 1,2-Dibromo-3-Chloropropane	157	14.158	14.164	-0.006	92	16514	20.0	21.1	
131 1,3,5-Trichlorobenzene	180	14.286	14.286	0.000	94	75711	20.0	21.2	
132 1,2,4-Trichlorobenzene	180	14.822	14.822	0.000	93	62284	20.0	21.7	
133 Hexachlorobutadiene	225	14.920	14.920	0.000	92	32125	20.0	25.0	
134 Naphthalene	128	15.029	15.030	-0.001	99	153255	20.0	19.9	
135 1,2,3-Trichlorobenzene	180	15.218	15.219	-0.001	94	44789	20.0	19.0	
S 136 1,2-Dichloroethene, Total	100				0		40.0	44.0	

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	45.7	
S 140 Total BTEX	1				0		100.0	113.5	
S 139 1,3-Dichloropropene, Total	1				0		40.0	43.4	
S 138 Total 1,2-dichloroethene	1				0			44.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN W_00145	Amount Added: 4.00	Units: uL	
8260MIX1COMB_00161	Amount Added: 20.00	Units: uL	
524freon_00059	Amount Added: 20.00	Units: uL	
GASES Li_00499	Amount Added: 20.00	Units: uL	
VOA6IS/SURR_00061	Amount Added: 5.00	Units: uL	Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221022-152105.b\T654567.D

Injection Date: 22-Oct-2022 17:10:08

Instrument ID: CVOAMS15

Lims ID: 460-267862-B-1 MS

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#:

28

Purge Vol: 5.000 mL

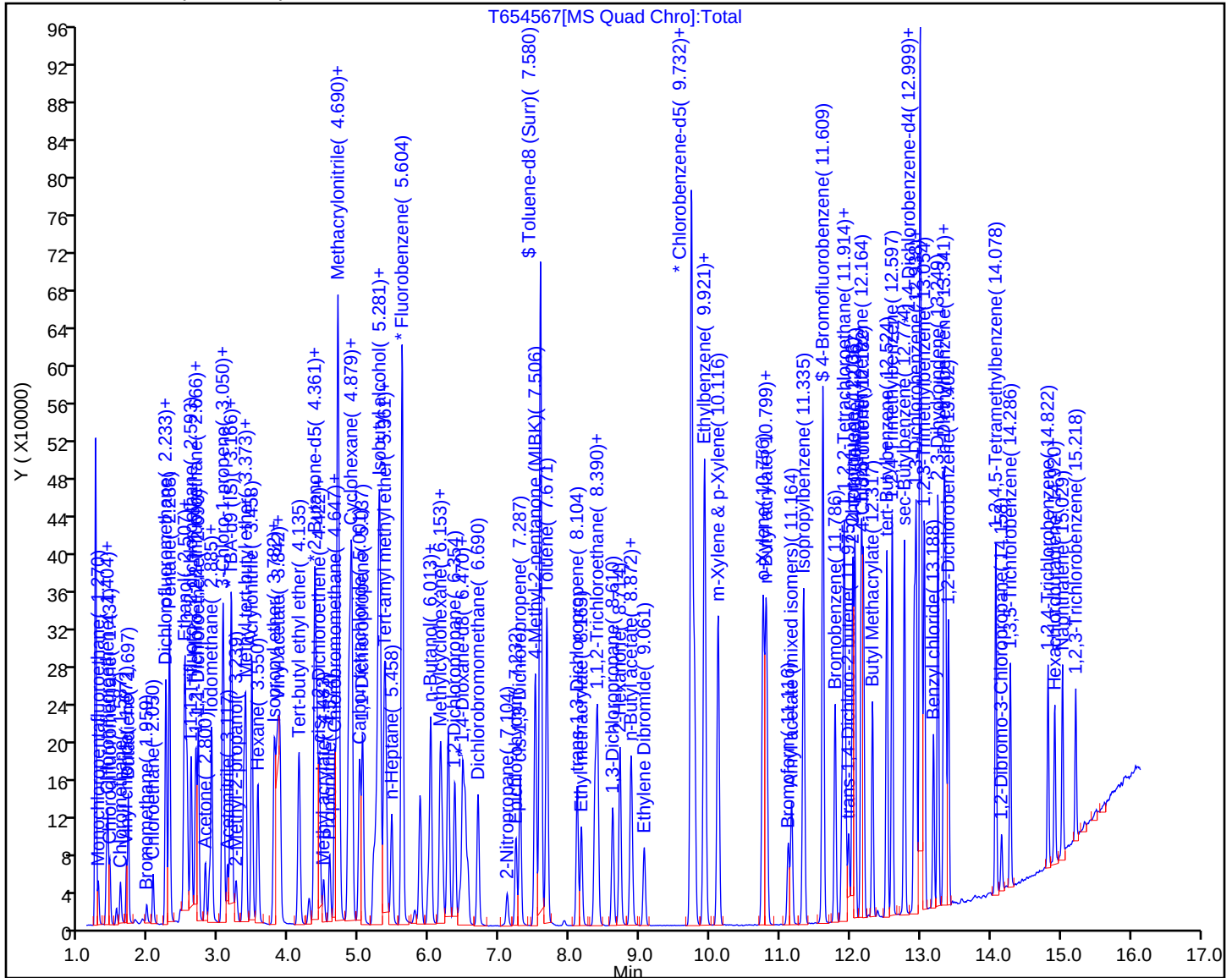
Dil. Factor: 10.0000

Method: 8260W_15

Limit Group:

VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221022-152105.b\T654567.D
 Lims ID: 460-267862-B-1 MS
 Client ID:
 Sample Type: MS
 Inject. Date: 22-Oct-2022 17:10:08 ALS Bottle#: 0 Worklist Smp#: 28
 Purge Vol: 5.000 mL Dil. Factor: 10.0000
 Sample Info: 460-267862-B-1 MS
 Misc. Info.: 460-0152105-028
 Operator ID: Instrument ID: CVOAMS15
 Method: \\chromfs\Edison\ChromData\CVOAMS15\20221022-152105.b\8260W_15.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 24-Oct-2022 17:19:22 Calib Date: 14-Sep-2022 21:22:51
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652587.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1633

First Level Reviewer: FK2C

Date: 23-Oct-2022 06:11:56

Compound	Amount Added	Amount Recovered	% Rec.
\$ 53 Dibromofluoromethane (Surr)	50.0	54.5	109.05
\$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	55.1	110.27
\$ 83 Toluene-d8 (Surr)	50.0	52.8	105.62
\$ 105 4-Bromofluorobenzene	50.0	55.8	111.56

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221022-152105.b\T654567.D

Injection Date: 22-Oct-2022 17:10:08

Instrument ID: CVOAMS15

Lims ID: 460-267862-B-1 MS

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 28

Purge Vol: 5.000 mL

Dil. Factor: 10.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

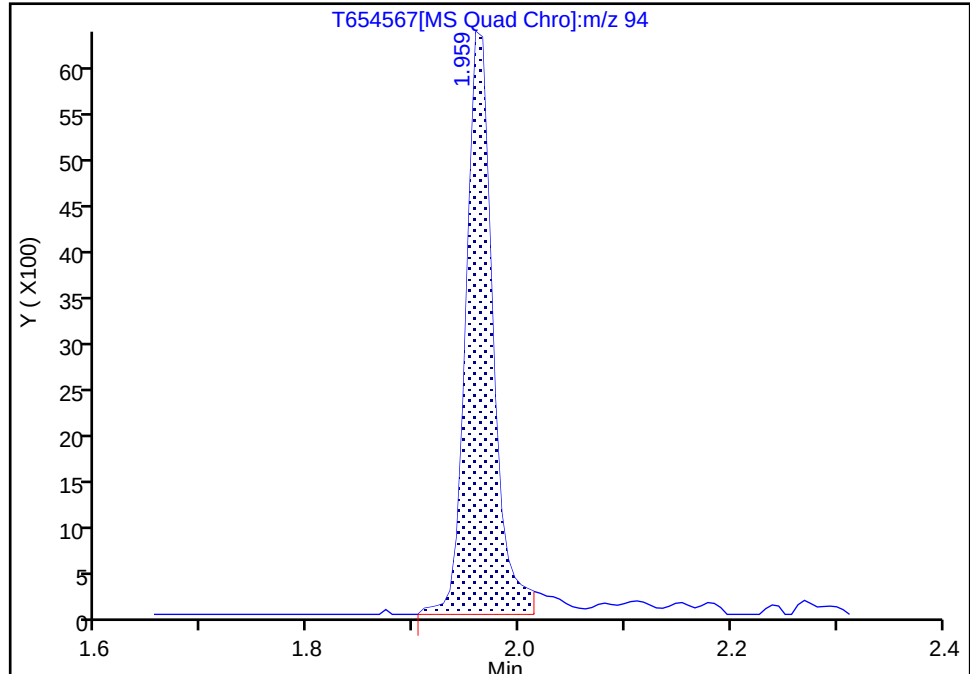
Detector: MS Quad

9 Bromomethane, CAS: 74-83-9

Signal: 1

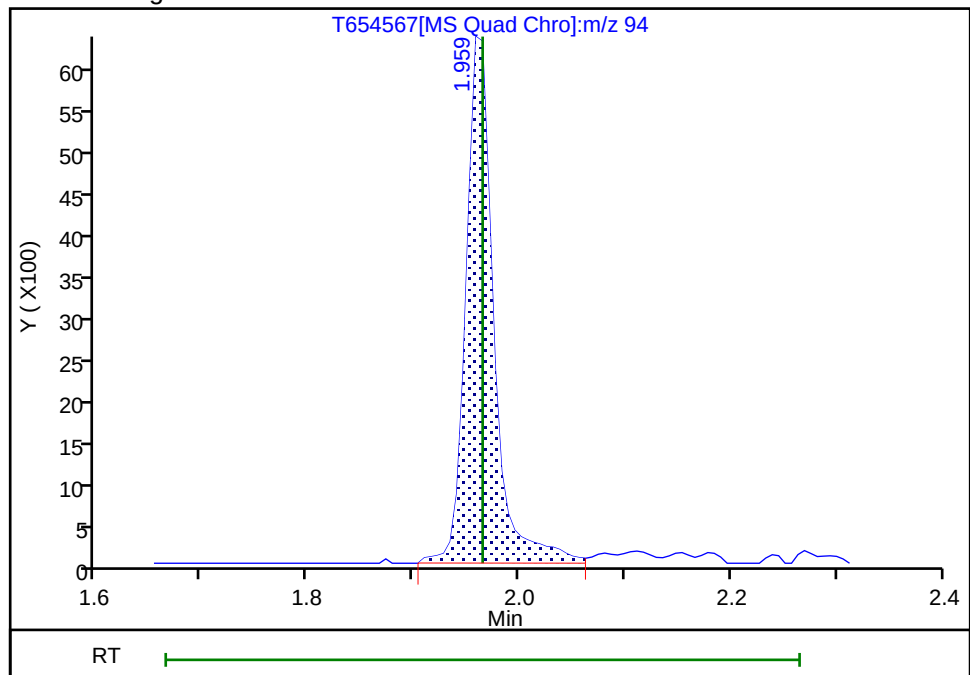
RT: 1.96
Area: 11272
Amount: 17.957363
Amount Units: ug/l

Processing Integration Results



RT: 1.96
Area: 11661
Amount: 18.528924
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 24-Oct-2022 17:19:17

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221022-152105.b\T654567.D

Injection Date: 22-Oct-2022 17:10:08

Instrument ID: CVOAMS15

Lims ID: 460-267862-B-1 MS

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 28

Purge Vol: 5.000 mL

Dil. Factor: 10.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

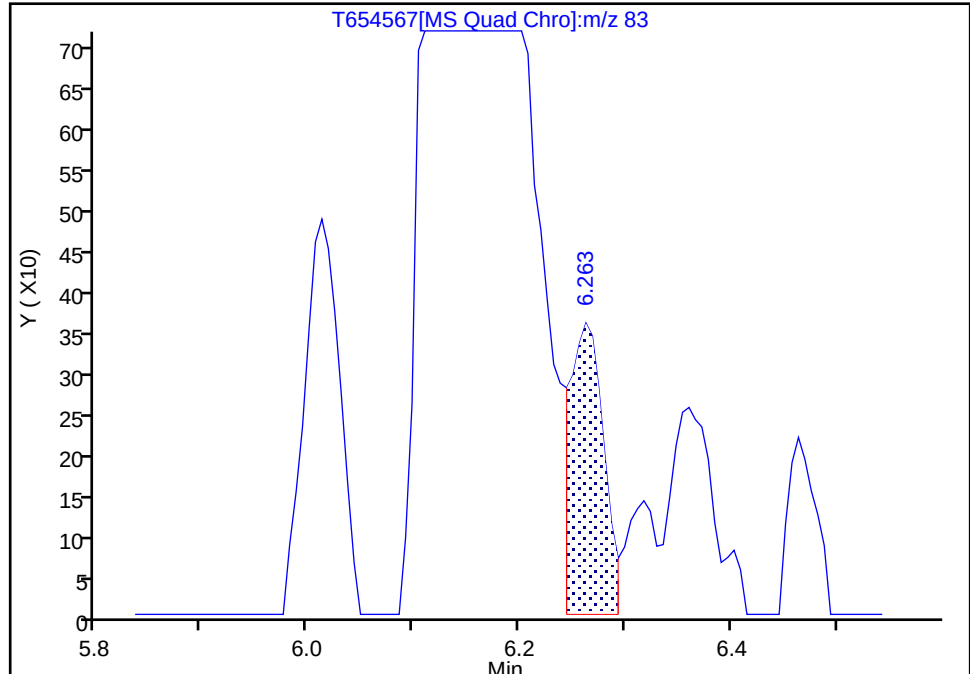
Detector MS Quad

70 Methylcyclohexane, CAS: 108-87-2

Signal: 1

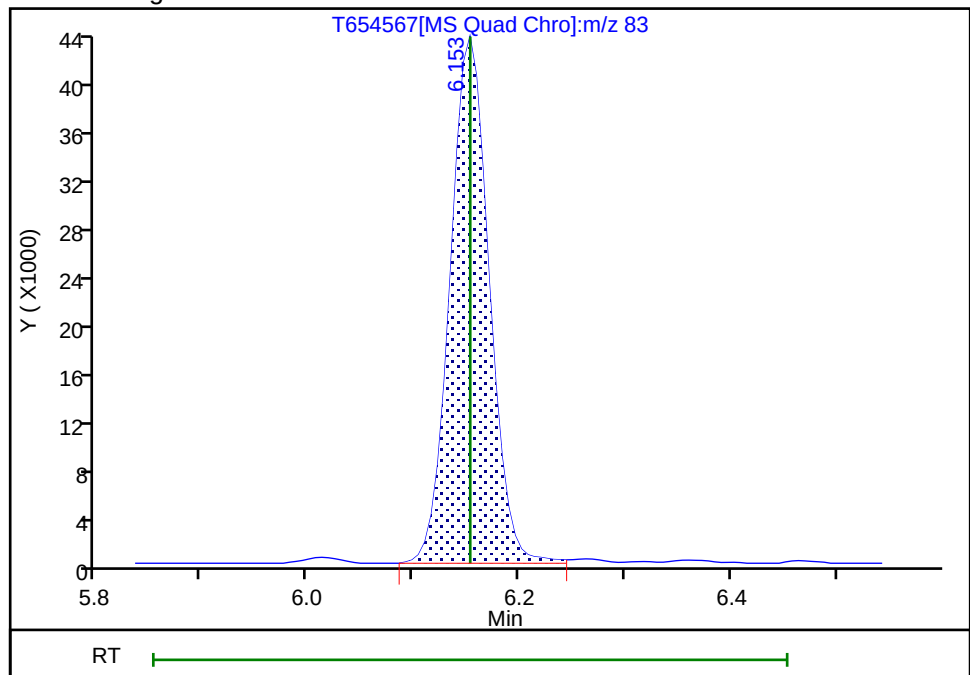
RT: 6.26
Area: 827
Amount: 0.171293
Amount Units: ug/l

Processing Integration Results



RT: 6.15
Area: 110481
Amount: 22.883478
Amount Units: ug/l

Manual Integration Results



Reviewer: FK2C, 23-Oct-2022 06:11:38

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-267943-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>460-267862-B-1 MSD</u>
Matrix: <u>Water</u>	Lab File ID: <u>T654568.D</u>
Analysis Method: <u>8260D</u>	Date Collected: _____
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>10/22/2022 17:31</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>10</u>
Soil Extract Vol.: _____	GC Column: <u>DB-624</u> ID: <u>0.18 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>873458</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	259		10	2.4
79-34-5	1,1,2,2-Tetrachloroethane	199		10	3.7
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	260		10	3.1
79-00-5	1,1,2-Trichloroethane	212		10	2.0
75-34-3	1,1-Dichloroethane	228		10	2.6
75-35-4	1,1-Dichloroethene	248		10	2.6
87-61-6	1,2,3-Trichlorobenzene	220		10	3.6
120-82-1	1,2,4-Trichlorobenzene	230		10	3.7
96-12-8	1,2-Dibromo-3-Chloropropane	220		10	3.8
95-50-1	1,2-Dichlorobenzene	220		10	2.1
107-06-2	1,2-Dichloroethane	235		10	4.3
78-87-5	1,2-Dichloropropane	212		10	3.5
541-73-1	1,3-Dichlorobenzene	223		10	3.4
106-46-7	1,4-Dichlorobenzene	219		10	3.3
78-93-3	2-Butanone (MEK)	1220		50	19
591-78-6	2-Hexanone	1130		50	11
108-10-1	4-Methyl-2-pentanone (MIBK)	1130		50	13
67-64-1	Acetone	1090		50	44
71-43-2	Benzene	240		10	2.0
75-25-2	Bromoform	259		10	5.4
74-83-9	Bromomethane	270		10	5.5
75-15-0	Carbon disulfide	245		10	8.2
56-23-5	Carbon tetrachloride	265		10	2.1
108-90-7	Chlorobenzene	220		10	3.8
74-97-5	Chlorobromomethane	241		10	4.1
124-48-1	Chlorodibromomethane	250		10	2.8
75-00-3	Chloroethane	250		10	3.2
67-66-3	Chloroform	244		10	3.3
74-87-3	Chloromethane	178		10	4.0
156-59-2	cis-1,2-Dichloroethene	230		10	2.2
10061-01-5	cis-1,3-Dichloropropene	218		10	2.2
110-82-7	Cyclohexane	251		10	3.2
75-27-4	Dichlorobromomethane	237		10	3.4

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Edison</u>	Job No.: <u>460-267943-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>460-267862-B-1 MSD</u>
Matrix: <u>Water</u>	Lab File ID: <u>T654568.D</u>
Analysis Method: <u>8260D</u>	Date Collected: _____
Sample wt/vol: <u>5 (mL)</u>	Date Analyzed: <u>10/22/2022 17:31</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>10</u>
Soil Extract Vol.: _____	GC Column: <u>DB-624</u> ID: <u>0.18 (mm)</u>
Purge Volume: <u>5.0 (mL)</u>	Heated Purge: (Y/N) <u>N</u> pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>873458</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	209		10	3.1
100-41-4	Ethylbenzene	239		10	3.0
106-93-4	Ethylene Dibromide	225		10	5.0
98-82-8	Isopropylbenzene	246		10	3.4
79-20-9	Methyl acetate	377		50	7.9
1634-04-4	Methyl tert-butyl ether	235		10	2.2
108-87-2	Methylcyclohexane	237		10	7.1
75-09-2	Methylene Chloride	213		10	3.2
179601-23-1	m-Xylene & p-Xylene	232		10	3.0
95-47-6	o-Xylene	240		10	3.6
100-42-5	Styrene	234		10	4.2
127-18-4	Tetrachloroethene	235		10	2.5
108-88-3	Toluene	220		10	3.8
156-60-5	trans-1,2-Dichloroethene	244		10	2.4
10061-02-6	trans-1,3-Dichloropropene	225		10	2.2
79-01-6	Trichloroethene	234		10	3.1
75-69-4	Trichlorofluoromethane	233		10	3.2
75-01-4	Vinyl chloride	216		10	1.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		70-128
460-00-4	4-Bromofluorobenzene	109		76-120
1868-53-7	Dibromofluoromethane (Surr)	111		77-124
2037-26-5	Toluene-d8 (Surr)	102		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221022-152105.b\T654568.D
 Lims ID: 460-267862-B-1 MSD
 Client ID:
 Sample Type: MSD
 Inject. Date: 22-Oct-2022 17:31:31 ALS Bottle#: 0 Worklist Smp#: 29
 Purge Vol: 5.000 mL Dil. Factor: 10.0000
 Sample Info: 460-267862-B-1 MSD
 Misc. Info.: 460-0152105-029
 Operator ID: Instrument ID: CVOAMS15
 Method: \\chromfs\Edison\ChromData\CVOAMS15\20221022-152105.b\8260W_15.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 24-Oct-2022 17:19:02 Calib Date: 14-Sep-2022 21:22:51
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652587.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1633

First Level Reviewer: FK2C

Date: 23-Oct-2022 06:13:34

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.276	1.276	0.000	59	6602	20.0	28.1	
3 Chlorotrifluoroethene	116	1.380	1.380	0.000	87	17518	20.0	27.3	
2 1,1-Difluoroethane	65	1.392	1.392	0.000	94	32096	20.0	27.2	
4 Dichlorodifluoromethane	85	1.410	1.410	0.000	88	86121	20.0	20.9	
5 Chlorodifluoromethane	67	1.435	1.435	0.000	78	13803	20.0	24.6	
6 Chloromethane	50	1.587	1.587	0.000	88	51024	20.0	17.8	
7 Vinyl chloride	62	1.672	1.672	0.000	98	61068	20.0	21.6	
8 Butadiene	54	1.697	1.697	0.000	91	60174	20.0	21.4	
9 Bromomethane	94	1.959	1.965	-0.006	96	16801	20.0	27.0	M
10 Chloroethane	64	2.050	2.050	0.000	97	45557	20.0	25.0	
11 Dichlorofluoromethane	67	2.233	2.233	0.000	88	135929	20.0	20.9	
12 Trichlorofluoromethane	101	2.239	2.239	0.000	99	131203	20.0	23.3	
13 Pentane	72	2.288	2.288	0.000	95	29285	40.0	49.4	
14 Ethanol	46	2.447	2.447	0.000	99	12325	800.0	1023.2	
15 Ethyl ether	59	2.489	2.489	0.000	92	60124	20.0	22.6	
17 2-Methyl-1,3-butadiene	53	2.508	2.508	0.000	93	71168	20.0	24.6	
16 1,2-Dichloro-1,1,2-trifluoroethane	117	2.538	2.538	0.000	85	74301	20.0	24.3	
18 1,1,1-Trifluoro-2,2-dichloroethane	83	2.593	2.593	0.000	89	120874	20.0	22.1	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.660	2.660	0.000	95	92485	20.0	26.0	
19 Acrolein	56	2.666	2.672	-0.006	29	7297	40.0	14.6	
20 1,1-Dichloroethene	96	2.697	2.697	0.000	90	82006	20.0	24.8	
22 Acetone	43	2.800	2.800	0.000	89	75968	100.0	109.2	
23 Iodomethane	142	2.855	2.855	0.000	99	84441	20.0	20.7	
25 Isopropyl alcohol	45	2.886	2.886	0.000	31	33550	200.0	209.4	
24 Carbon disulfide	76	2.886	2.886	0.000	99	272513	20.0	24.5	
27 3-Chloro-1-propene	76	3.038	3.038	0.000	89	52642	20.0	25.5	
29 Cyclopentene	67	3.056	3.056	0.000	92	184794	20.0	22.5	
28 Methyl acetate	43	3.056	3.056	0.000	58	79515	40.0	37.7	
26 Acetonitrile	41	3.117	3.117	0.000	100	64386	200.0	241.9	
* 31 TBA-d9 (IS)	66	3.160	3.160	0.000	97	44807	1000.0	1000.0	
30 Methylene Chloride	84	3.172	3.172	0.000	70	87566	20.0	21.3	

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	3.239	3.239	0.000	99	60460	200.0	225.3	
35 Methyl tert-butyl ether	73	3.349	3.349	0.000	95	210359	20.0	23.5	
34 trans-1,2-Dichloroethene	96	3.373	3.373	0.000	84	96462	20.0	24.4	
33 Acrylonitrile	53	3.459	3.465	-0.006	95	237456	200.0	216.0	
36 Hexane	57	3.550	3.550	0.000	89	86706	20.0	21.4	
40 Isopropyl ether	45	3.782	3.782	0.000	94	189533	20.0	19.7	
37 1,1-Dichloroethane	63	3.812	3.812	0.000	94	157278	20.0	22.8	
38 Vinyl acetate	86	3.837	3.837	0.000	99	34588	40.0	55.9	
39 2-Chloro-1,3-butadiene	88	3.861	3.867	-0.006	87	81675	20.0	24.2	
41 Tert-butyl ethyl ether	59	4.135	4.135	0.000	91	202850	20.0	21.6	
* 42 2-Butanone-d5	46	4.361	4.361	0.000	87	277257	250.0	250.0	
44 2,2-Dichloropropane	97	4.361	4.361	0.000	72	31960	20.0	21.0	
43 cis-1,2-Dichloroethene	96	4.391	4.391	0.000	93	100987	20.0	23.0	
45 2-Butanone (MEK)	72	4.422	4.422	0.000	98	37095	100.0	122.0	
47 Ethyl acetate	70	4.428	4.428	0.000	97	16207	40.0	56.0	
48 Methyl acrylate	55	4.483	4.489	-0.006	99	51167	20.0	19.5	
46 Propionitrile	54	4.574	4.574	0.000	98	84848	200.0	209.1	
49 Chlorobromomethane	128	4.647	4.647	0.000	80	46074	20.0	24.1	
51 Tetrahydrofuran	72	4.647	4.647	0.000	68	16699	40.0	53.1	
50 Methacrylonitrile	67	4.690	4.690	0.000	86	287685	200.0	217.1	
52 Chloroform	83	4.708	4.708	0.000	94	168428	20.0	24.4	
55 Cyclohexane	84	4.843	4.849	-0.006	86	121704	20.0	25.1	
54 1,1,1-Trichloroethane	97	4.867	4.867	0.000	91	159636	20.0	25.9	
\$ 53 Dibromofluoromethane (Surr)	113	4.885	4.891	-0.006	94	212414	50.0	55.3	
56 Carbon tetrachloride	117	5.001	5.001	0.000	89	147519	20.0	26.5	
57 1,1-Dichloropropene	75	5.044	5.044	0.000	96	125512	20.0	24.3	
59 Isobutyl alcohol	43	5.202	5.202	0.000	94	75735	500.0	477.5	
62 Isooctane	57	5.239	5.239	0.000	99	151235	20.0	19.5	
60 Benzene	78	5.269	5.269	0.000	96	342526	20.0	24.0	
\$ 58 1,2-Dichloroethane-d4 (Surr)	65	5.294	5.294	0.000	91	215117	50.0	54.8	
64 Tert-amyl methyl ether	73	5.355	5.355	0.000	85	198375	20.0	21.8	
63 Isopropyl acetate	61	5.361	5.361	0.000	83	35275	20.0	21.1	
61 1,2-Dichloroethane	62	5.379	5.379	0.000	92	110011	20.0	23.5	
66 n-Heptane	43	5.458	5.458	0.000	87	57050	20.0	19.0	
* 65 Fluorobenzene	96	5.605	5.605	0.000	99	702438	50.0	50.0	
68 n-Butanol	56	5.983	5.976	0.007	85	37327	500.0	537.5	
67 Trichloroethene	95	6.013	6.013	0.000	95	96674	20.0	23.4	
70 Methylcyclohexane	83	6.153	6.153	0.000	94	115866	20.0	23.7	a
69 Ethyl acrylate	55	6.178	6.178	0.000	97	149469	20.0	20.1	a
71 1,2-Dichloropropane	63	6.354	6.361	-0.007	92	81582	20.0	21.2	
* 73 1,4-Dioxane-d8	96	6.428	6.428	0.000	1	36202	1000.0	1000.0	
75 Methyl methacrylate	100	6.470	6.470	0.000	82	35026	40.0	43.4	
74 1,4-Dioxane	88	6.495	6.495	0.000	46	16079	400.0	438.4	
72 Dibromomethane	93	6.507	6.507	0.000	94	57582	20.0	24.3	
76 n-Propyl acetate	43	6.543	6.543	0.000	95	70491	20.0	17.2	
77 Dichlorobromomethane	83	6.690	6.690	0.000	95	126420	20.0	23.7	
78 2-Nitropropane	41	7.104	7.104	0.000	98	26847	40.0	38.7	
80 Epichlorohydrin	57	7.232	7.232	0.000	97	104007	400.0	417.3	
81 cis-1,3-Dichloropropene	75	7.287	7.293	-0.006	84	137482	20.0	21.8	
82 4-Methyl-2-pentanone (MIBK)	43	7.507	7.507	0.000	93	226985	100.0	112.7	
\$ 83 Toluene-d8 (Surr)	98	7.580	7.580	0.000	99	642786	50.0	50.8	
84 Toluene	91	7.671	7.671	0.000	95	347924	20.0	22.0	

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	8.104	8.104	0.000	91	122725	20.0	22.5	
86 Ethyl methacrylate	69	8.165	8.165	0.000	85	79659	20.0	21.3	
87 1,1,2-Trichloroethane	83	8.360	8.360	0.000	91	58908	20.0	21.2	
88 Tetrachloroethene	166	8.391	8.397	-0.006	90	91265	20.0	23.5	
89 1,3-Dichloropropane	76	8.610	8.610	0.000	88	116082	20.0	21.8	
90 2-Hexanone	43	8.714	8.714	0.000	92	159179	100.0	112.8	
93 n-Butyl acetate	43	8.866	8.866	0.000	97	78338	20.0	19.7	
91 Chlorodibromomethane	129	8.878	8.878	0.000	96	95842	20.0	25.0	
92 Ethylene Dibromide	107	9.061	9.061	0.000	98	77921	20.0	22.5	
* 94 Chlorobenzene-d5	117	9.732	9.732	0.000	84	516089	50.0	50.0	
95 Chlorobenzene	112	9.775	9.775	0.000	94	222949	20.0	22.0	
97 Ethylbenzene	106	9.915	9.921	-0.006	98	124203	20.0	23.9	
96 1,1,1,2-Tetrachloroethane	131	9.927	9.927	0.000	43	86788	20.0	23.3	
98 m-Xylene & p-Xylene	106	10.116	10.116	0.000	97	151737	20.0	23.2	
99 o-Xylene	106	10.756	10.756	0.000	94	145495	20.0	24.0	
101 n-Butyl acrylate	73	10.780	10.787	-0.007	97	52454	20.0	22.7	
100 Styrene	104	10.805	10.805	0.000	95	235863	20.0	23.4	
102 Bromoform	173	11.116	11.116	0.000	94	60443	20.0	25.9	
103 Amyl acetate (mixed isomers)	43	11.165	11.165	0.000	92	90316	20.0	18.3	
104 Isopropylbenzene	105	11.335	11.335	0.000	96	359972	20.0	24.6	
\$ 105 4-Bromofluorobenzene	174	11.610	11.616	-0.006	87	202882	50.0	54.5	
106 Bromobenzene	156	11.786	11.786	0.000	95	92842	20.0	22.8	
107 1,1,2,2-Tetrachloroethane	83	11.884	11.884	0.000	94	83669	20.0	19.9	
110 N-Propylbenzene	91	11.914	11.914	0.000	99	417467	20.0	22.3	
108 1,2,3-Trichloropropane	110	11.939	11.939	0.000	95	27145	20.0	21.8	
109 trans-1,4-Dichloro-2-butene	53	11.975	11.975	0.000	96	20537	20.0	21.8	
111 2-Chlorotoluene	91	12.036	12.036	0.000	96	289984	20.0	22.3	
112 4-Ethyltoluene	105	12.067	12.067	0.000	97	347375	20.0	22.5	
114 1,3,5-Trimethylbenzene	105	12.158	12.158	0.000	92	289377	20.0	23.2	
113 4-Chlorotoluene	91	12.189	12.189	0.000	97	293798	20.0	22.5	
115 Butyl Methacrylate	87	12.317	12.317	0.000	85	92592	20.0	22.0	
116 tert-Butylbenzene	119	12.524	12.524	0.000	89	245090	20.0	23.8	
117 1,2,4-Trimethylbenzene	105	12.597	12.597	0.000	98	295856	20.0	24.0	
118 sec-Butylbenzene	105	12.774	12.774	0.000	99	340281	20.0	23.3	
119 1,3-Dichlorobenzene	146	12.914	12.914	0.000	95	155994	20.0	22.3	
122 4-Isopropyltoluene	119	12.939	12.939	0.000	95	287684	20.0	24.2	
* 120 1,4-Dichlorobenzene-d4	152	13.000	13.000	0.000	95	270260	50.0	50.0	
121 1,4-Dichlorobenzene	146	13.024	13.024	0.000	93	157428	20.0	21.9	
123 1,2,3-Trimethylbenzene	105	13.054	13.061	-0.007	99	287305	20.0	22.9	
124 Benzyl chloride	91	13.189	13.189	0.000	99	149082	20.0	18.7	
125 2,3-Dihydroindene	117	13.250	13.250	0.000	90	267677	20.0	22.3	
127 p-Diethylbenzene	119	13.335	13.335	0.000	92	163227	20.0	26.3	
128 n-Butylbenzene	92	13.359	13.359	0.000	97	141205	20.0	22.8	
126 1,2-Dichlorobenzene	146	13.402	13.402	0.000	95	140499	20.0	22.0	
130 1,2,4,5-Tetramethylbenzene	119	14.079	14.079	0.000	96	226019	20.0	23.1	
129 1,2-Dibromo-3-Chloropropane	157	14.158	14.164	-0.006	94	17398	20.0	22.0	
131 1,3,5-Trichlorobenzene	180	14.286	14.286	0.000	94	82667	20.0	22.9	
132 1,2,4-Trichlorobenzene	180	14.822	14.822	0.000	94	66705	20.0	23.0	
133 Hexachlorobutadiene	225	14.920	14.920	0.000	90	33782	20.0	26.0	
134 Naphthalene	128	15.030	15.030	0.000	99	170669	20.0	22.0	
135 1,2,3-Trichlorobenzene	180	15.219	15.219	0.000	96	52346	20.0	22.0	
S 136 1,2-Dichloroethene, Total	100				0		40.0	47.4	

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	47.2	
S 140 Total BTEX	1				0		100.0	117.1	
S 139 1,3-Dichloropropene, Total	1				0		40.0	44.2	
S 138 Total 1,2-dichloroethene	1				0			47.4	

QC Flag Legend

Processing Flags

Review Flags

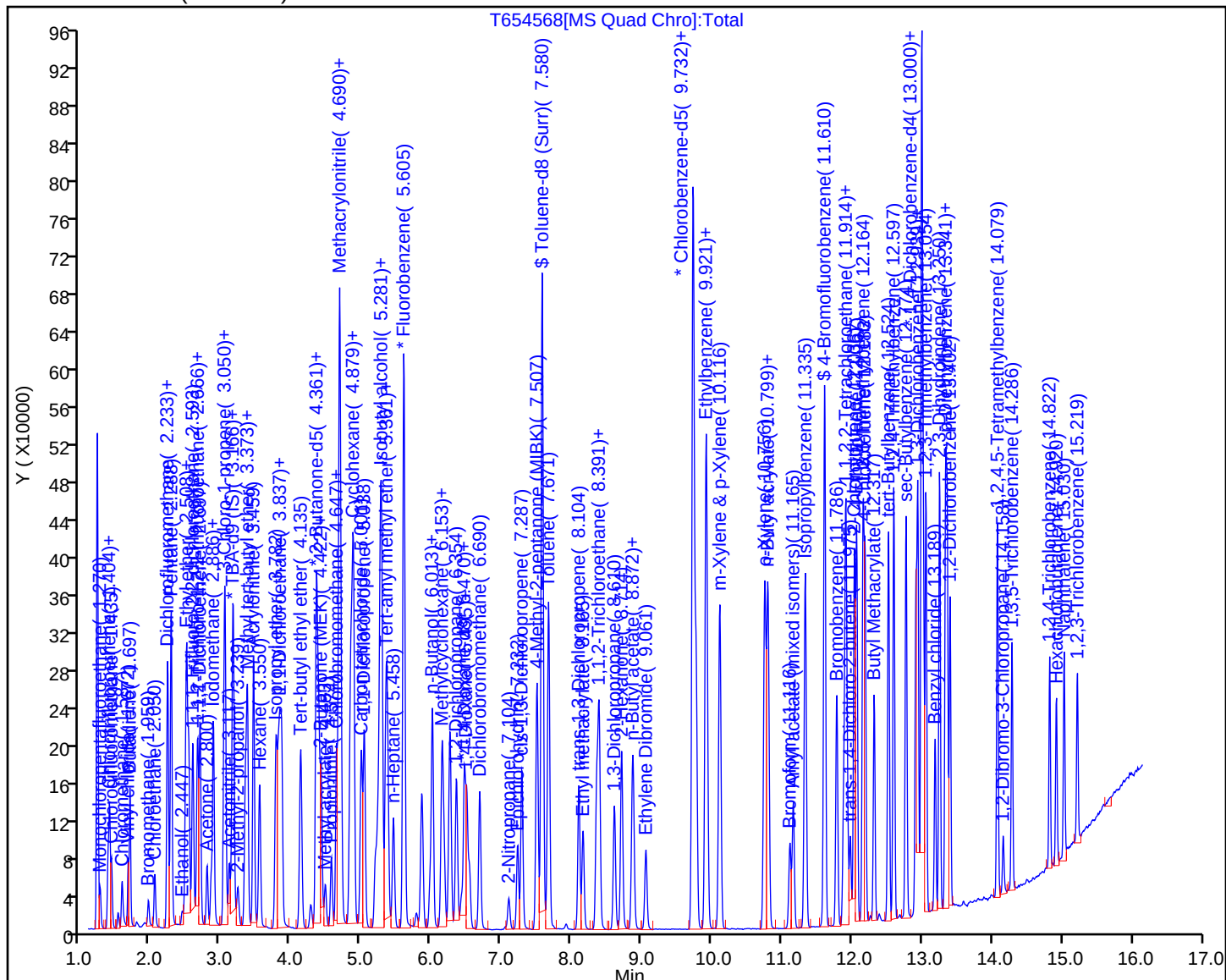
M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN W_00145	Amount Added: 4.00	Units: uL	
8260MIX1COMB_00161	Amount Added: 20.00	Units: uL	
524freon_00059	Amount Added: 20.00	Units: uL	
GASES Li_00499	Amount Added: 20.00	Units: uL	
VOA6IS/SURR_00061	Amount Added: 5.00	Units: uL	Run Reagent

Column: DB-624 (0.18 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221022-152105.b\T654568.D
 Lims ID: 460-267862-B-1 MSD
 Client ID:
 Sample Type: MSD
 Inject. Date: 22-Oct-2022 17:31:31 ALS Bottle#: 0 Worklist Smp#: 29
 Purge Vol: 5.000 mL Dil. Factor: 10.0000
 Sample Info: 460-267862-B-1 MSD
 Misc. Info.: 460-0152105-029
 Operator ID: Instrument ID: CVOAMS15
 Method: \\chromfs\Edison\ChromData\CVOAMS15\20221022-152105.b\8260W_15.m
 Limit Group: VOA - 8260D Water and Solid
 Last Update: 24-Oct-2022 17:19:02 Calib Date: 14-Sep-2022 21:22:51
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CVOAMS15\20220914-150379.b\T652587.D
 Column 1 : DB-624 (0.18 mm) Det: MS Quad
 Process Host: CTX1633

First Level Reviewer: FK2C

Date: 23-Oct-2022 06:13:34

Compound	Amount Added	Amount Recovered	% Rec.
\$ 53 Dibromofluoromethane (Surr)	50.0	55.3	110.50
\$ 58 1,2-Dichloroethane-d4 (Surr)	50.0	54.8	109.57
\$ 83 Toluene-d8 (Surr)	50.0	50.8	101.64
\$ 105 4-Bromofluorobenzene	50.0	54.5	109.10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221022-152105.b\T654568.D

Injection Date: 22-Oct-2022 17:31:31

Instrument ID: CVOAMS15

Lims ID: 460-267862-B-1 MSD

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 29

Purge Vol: 5.000 mL

Dil. Factor: 10.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

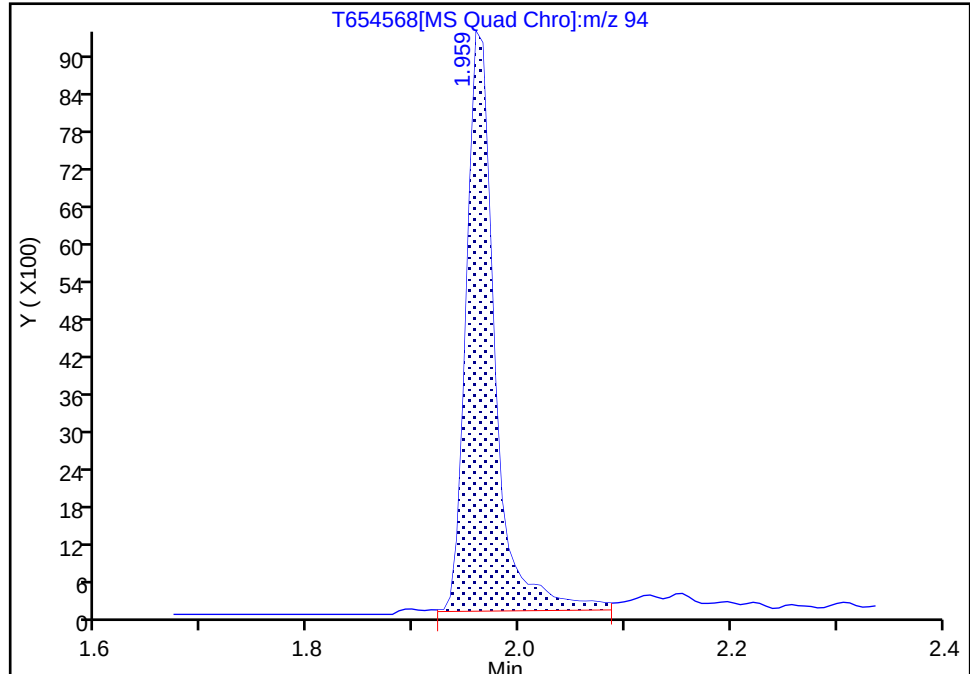
Detector: MS Quad

9 Bromomethane, CAS: 74-83-9

Signal: 1

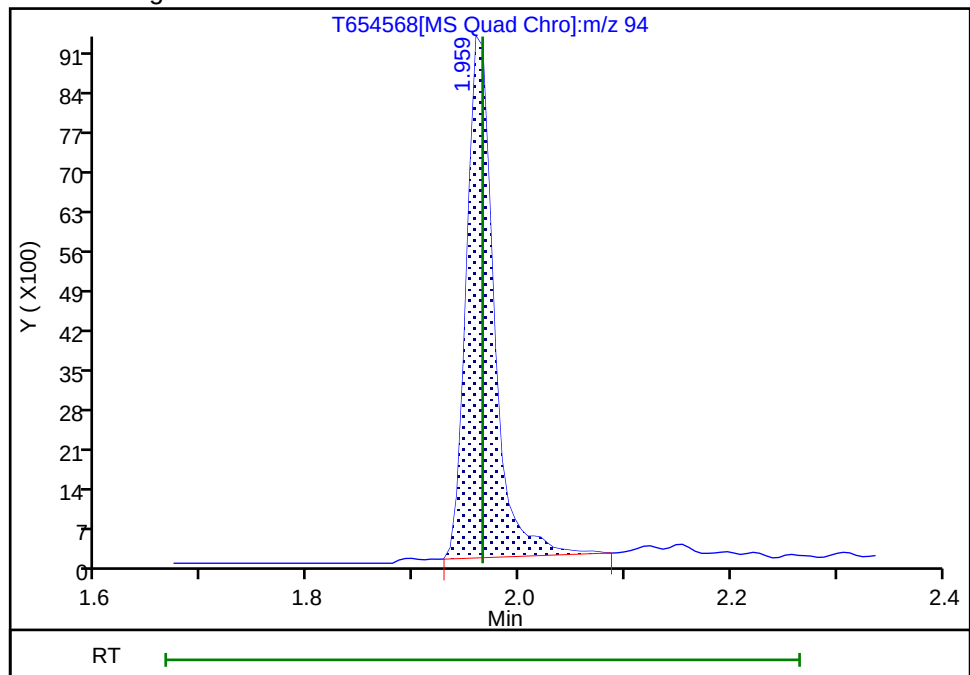
RT: 1.96
Area: 17496
Amount: 28.020026
Amount Units: ug/l

Processing Integration Results



RT: 1.96
Area: 16801
Amount: 27.039109
Amount Units: ug/l

Manual Integration Results



Reviewer: W9CM, 24-Oct-2022 17:18:25

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS15\20221022-152105.b\T654568.D

Injection Date: 22-Oct-2022 17:31:31

Instrument ID: CVOAMS15

Lims ID: 460-267862-B-1 MSD

Client ID:

Operator ID:

ALS Bottle#:

0

Worklist Smp#: 29

Purge Vol: 5.000 mL

Dil. Factor: 10.0000

Method: 8260W_15

Limit Group: VOA - 8260D Water and Solid

Column: DB-624 (0.18 mm)

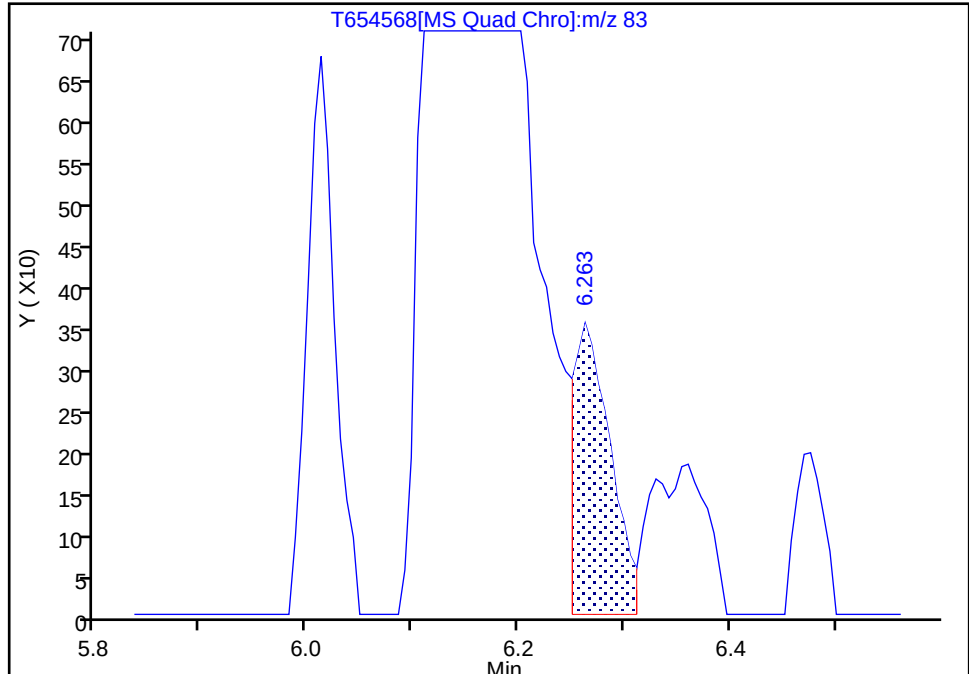
Detector MS Quad

70 Methylcyclohexane, CAS: 108-87-2

Signal: 1

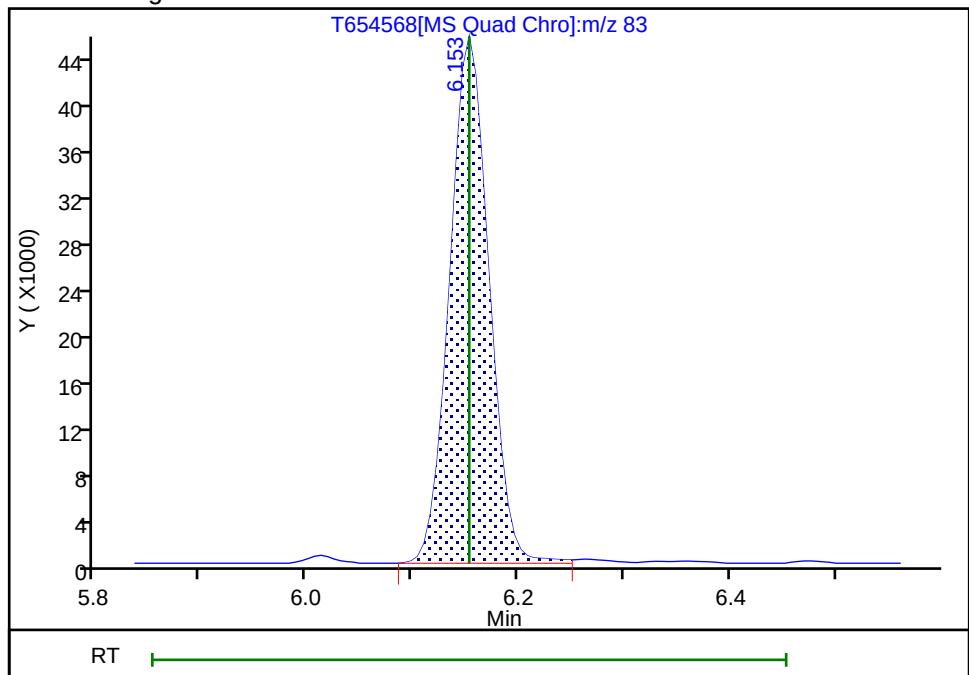
RT: 6.26
Area: 882
Amount: 0.180706
Amount Units: ug/l

Processing Integration Results



RT: 6.15
Area: 115866
Amount: 23.738923
Amount Units: ug/l

Manual Integration Results



Reviewer: FK2C, 23-Oct-2022 06:13:12

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison

Job No.: 460-267943-1

SDG No.:

Instrument ID: CVOAMS15

Start Date: 09/14/2022 17:56

Analysis Batch Number: 866282

End Date: 09/15/2022 05:34

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-866282/1		09/14/2022 17:56	1	T652578.D	DB-624 0.18 (mm)
STD8 460-866282/3 IC		09/14/2022 18:47	1	T652580.D	DB-624 0.18 (mm)
STD05 460-866282/4 IC		09/14/2022 19:14	1	T652581.D	DB-624 0.18 (mm)
STD1 460-866282/5 IC		09/14/2022 19:35	1	T652582.D	DB-624 0.18 (mm)
STD5 460-866282/6 IC		09/14/2022 19:57	1	T652583.D	DB-624 0.18 (mm)
STD20 460-866282/7 ICIS		09/14/2022 20:18	1	T652584.D	DB-624 0.18 (mm)
STD50 460-866282/8 IC		09/14/2022 20:40	1	T652585.D	DB-624 0.18 (mm)
STD200 460-866282/9 IC		09/14/2022 21:01	1	T652586.D	DB-624 0.18 (mm)
STD500 460-866282/10 IC		09/14/2022 21:22	1	T652587.D	DB-624 0.18 (mm)
ICV 460-866282/17		09/14/2022 23:52	1	T652594.D	DB-624 0.18 (mm)
ZZZZZ		09/15/2022 00:13	1		DB-624 0.18 (mm)
ZZZZZ		09/15/2022 00:34	1		DB-624 0.18 (mm)
ZZZZZ		09/15/2022 01:39	1		DB-624 0.18 (mm)
ZZZZZ		09/15/2022 02:00	1		DB-624 0.18 (mm)
ZZZZZ		09/15/2022 02:21	1		DB-624 0.18 (mm)
ZZZZZ		09/15/2022 02:43	1		DB-624 0.18 (mm)
ZZZZZ		09/15/2022 03:04	1		DB-624 0.18 (mm)
ZZZZZ		09/15/2022 03:26	1		DB-624 0.18 (mm)
ZZZZZ		09/15/2022 03:47	1		DB-624 0.18 (mm)
ZZZZZ		09/15/2022 04:09	1		DB-624 0.18 (mm)
ZZZZZ		09/15/2022 04:30	1		DB-624 0.18 (mm)
ZZZZZ		09/15/2022 04:51	1		DB-624 0.18 (mm)
ZZZZZ		09/15/2022 05:13	1		DB-624 0.18 (mm)
ZZZZZ		09/15/2022 05:34	1		DB-624 0.18 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins EdisonJob No.: 460-267943-1

SDG No.: _____

Instrument ID: CVOAMS15Start Date: 10/22/2022 07:42Analysis Batch Number: 873458End Date: 10/22/2022 17:52

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-873458/2		10/22/2022 07:42	1	T654541.D	DB-624 0.18 (mm)
LCS 460-873458/4		10/22/2022 08:37	1	T654543.D	DB-624 0.18 (mm)
MB 460-873458/7		10/22/2022 09:41	1	T654546.D	DB-624 0.18 (mm)
ZZZZZ		10/22/2022 10:02	1		DB-624 0.18 (mm)
ZZZZZ		10/22/2022 10:24	1		DB-624 0.18 (mm)
ZZZZZ		10/22/2022 10:45	1		DB-624 0.18 (mm)
460-267943-3	Trip Blank	10/22/2022 11:07	1	T654550.D	DB-624 0.18 (mm)
ZZZZZ		10/22/2022 11:28	1		DB-624 0.18 (mm)
ZZZZZ		10/22/2022 11:49	1		DB-624 0.18 (mm)
460-267943-1	MW-104	10/22/2022 12:10	1	T654553.D	DB-624 0.18 (mm)
460-267943-2	DUP	10/22/2022 12:32	1	T654554.D	DB-624 0.18 (mm)
ZZZZZ		10/22/2022 12:53	1		DB-624 0.18 (mm)
ZZZZZ		10/22/2022 13:15	1		DB-624 0.18 (mm)
ZZZZZ		10/22/2022 13:36	1		DB-624 0.18 (mm)
ZZZZZ		10/22/2022 13:57	1		DB-624 0.18 (mm)
ZZZZZ		10/22/2022 14:19	1		DB-624 0.18 (mm)
ZZZZZ		10/22/2022 14:40	1		DB-624 0.18 (mm)
ZZZZZ		10/22/2022 15:02	1		DB-624 0.18 (mm)
ZZZZZ		10/22/2022 15:23	1		DB-624 0.18 (mm)
ZZZZZ		10/22/2022 15:44	1		DB-624 0.18 (mm)
ZZZZZ		10/22/2022 16:06	1		DB-624 0.18 (mm)
ZZZZZ		10/22/2022 16:48	1		DB-624 0.18 (mm)
460-267862-B-1 MS		10/22/2022 17:10	10	T654567.D	DB-624 0.18 (mm)
460-267862-B-1 MSD		10/22/2022 17:31	10	T654568.D	DB-624 0.18 (mm)
ZZZZZ		10/22/2022 17:52	1		DB-624 0.18 (mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-267943-1

SDG No.: _____

Batch Number: 866282 Batch Start Date: 09/14/22 17:56 Batch Analyst: Boykin, KennethBatch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	14DIOXINTER 00145	524freon 00057	8260 SP 00158	8260MIX1COMB 00159
BFB 460-866282/1		8260D		5 mL	5 mL				
STD8 460-866282/3 IC		8260D		5 mL	5 mL				
STD05 460-866282/4 IC		8260D		5 mL	5 mL	15 uL	5 uL		5 uL
STD1 460-866282/5 IC		8260D		5 mL	5 mL	30 uL	10 uL		10 uL
STD5 460-866282/6 IC		8260D		5 mL	5 mL		10 uL		10 uL
STD20 460-866282/7 ICIS		8260D		5 mL	5 mL		20 uL		20 uL
STD50 460-866282/8 IC		8260D		5 mL	5 mL		50 uL		50 uL
STD200 460-866282/9 IC		8260D		5 mL	5 mL				
STD500 460-866282/10 IC		8260D		5 mL	5 mL				
ICV 460-866282/17		8260D		5 mL	5 mL			20 uL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	8FreonHi 00048	8FreonsSS 00049	ACROLEIN SP 00141	ACROLEIN W 00144	ACRY/EPIH MIX 00104	BFB 00032
BFB 460-866282/1		8260D							1 uL
STD8 460-866282/3 IC		8260D						20 uL	
STD05 460-866282/4 IC		8260D					2 uL		
STD1 460-866282/5 IC		8260D					4 uL		
STD5 460-866282/6 IC		8260D					4 uL		
STD20 460-866282/7 ICIS		8260D					4 uL		
STD50 460-866282/8 IC		8260D					10 uL		
STD200 460-866282/9 IC		8260D		20 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.

8260D

Page 1 of 3

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-267943-1

SDG No.: _____

Batch Number: 866282 Batch Start Date: 09/14/22 17:56 Batch Analyst: Boykin, KennethBatch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	8FreonHi 00048	8FreonsSS 00049	ACROLEIN SP 00141	ACROLEIN W 00144	ACRY/EPIH MIX 00104	BFB 00032
STD500 460-866282/10 IC		8260D		50 uL			40 uL		
ICV 460-866282/17		8260D			20 uL	4 uL			

Lab Sample ID	Client Sample ID	Method Chain	Basis	Ethanol mix 00068	GAS C SP 00479	GAS Hi 00424	GASES Li 00493	MIX 2 Hi 00127	MIX I Hi 00154
BFB 460-866282/1		8260D							
STD8 460-866282/3 IC		8260D					2.5 uL		
STD05 460-866282/4 IC		8260D					5 uL		
STD1 460-866282/5 IC		8260D					10 uL		
STD5 460-866282/6 IC		8260D					10 uL		
STD20 460-866282/7 ICIS		8260D					20 uL		
STD50 460-866282/8 IC		8260D					50 uL		
STD200 460-866282/9 IC		8260D		20 uL		20 uL		20 uL	20 uL
STD500 460-866282/10 IC		8260D		50 uL		50 uL		50 uL	50 uL
ICV 460-866282/17		8260D			20 uL				

Lab Sample ID	Client Sample ID	Method Chain	Basis	VOA6IS/SURR 00061					
BFB 460-866282/1		8260D							
STD8 460-866282/3 IC		8260D		5 uL					
STD05 460-866282/4 IC		8260D		5 uL					
STD1 460-866282/5 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.

8260D

Page 2 of 3

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-267943-1

SDG No.: _____

Batch Number: 866282 Batch Start Date: 09/14/22 17:56 Batch Analyst: Boykin, KennethBatch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	VOA6IS/SURR 00061					
STD5 460-866282/6 IC		8260D		5 uL					
STD20 460-866282/7 ICIS		8260D		5 uL					
STD50 460-866282/8 IC		8260D		5 uL					
STD200 460-866282/9 IC		8260D		5 uL					
STD500 460-866282/10 IC		8260D		5 uL					
ICV 460-866282/17		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.

8260D

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-267943-1

SDG No.: _____

Batch Number: 873458 Batch Start Date: 10/22/22 07:42 Batch Analyst: Desai, SaurabBatch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Initial pH	524freon 00059	8260MIX1COMB 00161	ACROLEIN W 00145
CCVIS 460-873458/2		8260D		5 mL	5 mL		20 uL	20 uL	4 uL
LCS 460-873458/4		8260D		5 mL	5 mL		20 uL	20 uL	4 uL
MB 460-873458/7		8260D		5 mL	5 mL				
460-267943-A-3	Trip Blank	8260D	T	5 mL	5 mL	<2 PH Units			
460-267943-A-1	MW-104	8260D	T	5 mL	5 mL	<2 PH Units			
460-267943-A-2	DUP	8260D	T	5 mL	5 mL	<2 PH Units			
460-267862-B-1 MS		8260D	T	5 mL	5 mL	<2 PH Units	20 uL	20 uL	4 uL
460-267862-B-1 MSD		8260D	T	5 mL	5 mL	<2 PH Units	20 uL	20 uL	4 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	GASES Li 00499	VOA6IS/SURR 00061				
CCVIS 460-873458/2		8260D		20 uL	5 uL				
LCS 460-873458/4		8260D		20 uL	5 uL				
MB 460-873458/7		8260D			5 uL				
460-267943-A-3	Trip Blank	8260D	T		5 uL				
460-267943-A-1	MW-104	8260D	T		5 uL				
460-267943-A-2	DUP	8260D	T		5 uL				
460-267862-B-1 MS		8260D	T	20 uL	5 uL				
460-267862-B-1 MSD		8260D	T	20 uL	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.

8270E_SIM_MS_ID

Semivolatile Organic Compounds
(GC/MS SIM / Isotope Dilution)

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: Eurofins Edison

Job No.: 460-267943-1

SDG No.: _____

Matrix: Water

Level: Low

GC Column (1): Rtxi-5Sil M ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	DXE #
MW-104	460-267943-1	25
DUP	460-267943-2	25
	MB 460-873482/1-A	33
	LCS 460-873482/2-A	34
	LCSD 460-873482/3-A	32

DXE = 1,4-Dioxane-d8

QC LIMITS
10-150

Column to be used to flag recovery values

FORM II 8270E SIM ID

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-267943-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: 273926.D
Lab ID: LCS 460-873482/2-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,4-Dioxane	1.60	1.53	96	50-142	
1,4-Dioxane-d8	32.0	11.0	34	10-150	

Column to be used to flag recovery and RPD values

FORM III 8270E SIM ID

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-267943-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: 273927.D
Lab ID: LCSD 460-873482/3-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
1,4-Dioxane	1.60	1.77	111	14	20	50-142	
1,4-Dioxane-d8	32.0	10.3	32			10-150	

Column to be used to flag recovery and RPD values
FORM III 8270E SIM ID

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-267943-1
SDG No.: _____
Lab File ID: 273925.D Lab Sample ID: MB 460-873482/1-A
Matrix: Water Date Extracted: 10/22/2022 10:40
Instrument ID: CBNAMS9 Date Analyzed: 10/23/2022 15:58
Level: (Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-873482/2-A	273926.D	10/23/2022 16:14
	LCSD 460-873482/3-A	273927.D	10/23/2022 16:30
MW-104	460-267943-1	273929.D	10/23/2022 17:02
DUP	460-267943-2	273930.D	10/23/2022 17:18

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Eurofins Edison Job No.: 460-267943-1
SDG No.: _____
Lab File ID: h270911.d DFTPP Injection Date: 03/24/2022
Instrument ID: CBNAMS9 DFTPP Injection Time: 21:00
Analysis Batch No.: 835366

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2% of m/z 69	0.4 (1.5) 1
69	Present	24.2
70	Less than 2% of m/z 69	0.1 (0.4) 1
197	Less than 2% of m/z 198	0.0
198	Base Peak	100.0
199	5-9% of m/z 198	6.3
365	Greater than 1% of Base Peak	4.4
441	Less than 150% of m/z 443	19.0 (76.8) 3
442	Present	126.0
443	15-24% of m/z 442	24.8 (19.6) 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 460-835366/2	h270912.d	03/24/2022	21:12
	STD9 460-835366/3	h270913.d	03/24/2022	21:28
	STD8 460-835366/4	h270914.d	03/24/2022	21:44
	STD7 460-835366/5	h270915.d	03/24/2022	22:00
	STD6 460-835366/6	h270916.d	03/24/2022	22:16
	STD4 460-835366/7	h270917.d	03/24/2022	22:32
	STD3 460-835366/8	h270918.d	03/24/2022	22:48
	STD2 460-835366/9	h270919.d	03/24/2022	23:04
	STD1 460-835366/10	h270920.d	03/24/2022	23:20
	ICV 460-835366/11	h270921.d	03/24/2022	23:36

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-267943-1
 SDG No.: _____
 Sample No.: ICIS 460-835366/2 Date Analyzed: 03/24/2022 21:12
 Instrument ID: CBNAMS9 GC Column: Rtxi-5Sil MS ID: 0.25 (mm)
 Lab File ID (Standard): h270912.d Heated Purge: (Y/N) N
 Calibration ID: 90061

	DCBd4					
	AREA #	RT #	#	RT #	#	RT #
INITIAL CALIBRATION MID-POINT	23121	5.69				
UPPER LIMIT	46242	6.19				
LOWER LIMIT	11561	5.19				
LAB SAMPLE ID	CLIENT SAMPLE ID					
ICV 460-835366/11		21628	5.69			

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
 RT Limit = $\pm$ 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270E SIM ID

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-267943-1
 SDG No.: _____
 Sample No.: CCVIS 460-873640/2 Date Analyzed: 10/23/2022 15:37
 Instrument ID: CBNAMS9 GC Column: Rtxi-5Sil MS ID: 0.25 (mm)
 Lab File ID (Standard): 273924.D Heated Purge: (Y/N) N
 Calibration ID: 90061

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		26594	5.59				
UPPER LIMIT		53188	6.09				
LOWER LIMIT		13297	5.09				
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-873482/1-A		25610	5.59				
LCS 460-873482/2-A		25261	5.59				
LCSD 460-873482/3-A		25962	5.59				
460-267943-1	MW-104	26894	5.59				
460-267943-2	DUP	29498	5.59				

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
 RT Limit = $\pm$ 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.: 460-267943-1
 SDG No.: _____
 Client Sample ID: MW-104 Lab Sample ID: 460-267943-1
 Matrix: Water Lab File ID: 273929.D
 Analysis Method: 8270E SIM ID Date Collected: 10/20/2022 13:25
 Extract. Method: 3510C Date Extracted: 10/22/2022 10:40
 Sample wt/vol: 250 (mL) Date Analyzed: 10/23/2022 17:02
 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.: 873640 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	0.80		0.20	0.072

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
17647-74-4	1,4-Dioxane-d8	25		10-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20221023-152154.b\273929.D
 Lims ID: 460-267943-D-1-A
 Client ID: MW-104
 Sample Type: Client
 Inject. Date: 23-Oct-2022 17:02:30 ALS Bottle#: 7 Worklist Smp#: 7
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0152154-007
 Operator ID: Instrument ID: CBNAMS9
 Method: \\chromfs\Edison\ChromData\CBNAMS9\20221023-152154.b\8270_Iso.m
 Limit Group: MSS 8270 Isotope Dilution IS
 Last Update: 24-Oct-2022 06:59:21 Calib Date: 24-Mar-2022 23:20:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Isotopic Dilution Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20220324-143164.b\h270920.d
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: CTX1601

First Level Reviewer: khlungprakhons

Date: 24-Oct-2022 07:02:56

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	%Rec	Flags
D 1 1,4-Dioxane-d8	96	1.961	1.953	0.008	8	31607	1.00	25.1	
2 1,4-Dioxane	88	1.992	1.992	0.008	19	902	0.0999		
* 4 1,4-Dichlorobenzene-d4	150	5.592	5.592	0.000	1	26894	0.2000		

QC Flag Legend

Processing Flags

Reagents:

SM_iso_d4istd_00009

Amount Added: 20.00

Units: uL

Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20221023-152154.b\273929.D

Injection Date: 23-Oct-2022 17:02:30

Instrument ID: CBNAMS9

Operator ID:

Lims ID: 460-267943-D-1-A

Lab Sample ID: 460-267943-1

Worklist Smp#: 7

Client ID: MW-104

Injection Vol: 5.0 ul

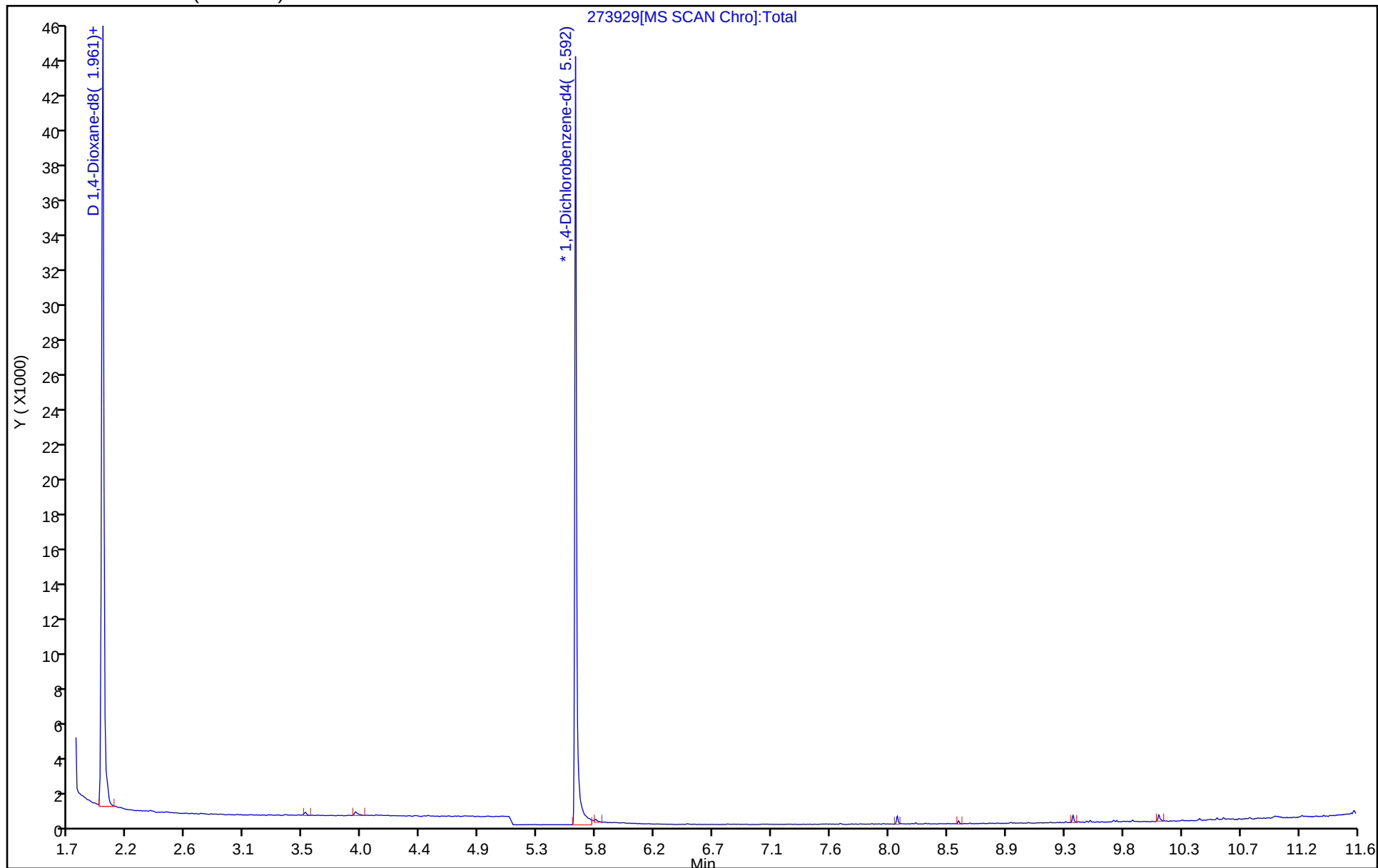
Dil. Factor: 1.0000

ALS Bottle#: 7

Method: 8270_Iso

Limit Group: MSS 8270 Isotope Dilution IS

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20221023-152154.b\273929.D

Injection Date: 23-Oct-2022 17:02:30

Instrument ID: CBNAMS9

Lims ID: 460-267943-D-1-A

Lab Sample ID: 460-267943-1

Client ID: MW-104

Operator ID:

ALS Bottle#:

7

Worklist Smp#:

7

Injection Vol: 5.0 ul

Dil. Factor:

1.0000

Method: 8270_Iso

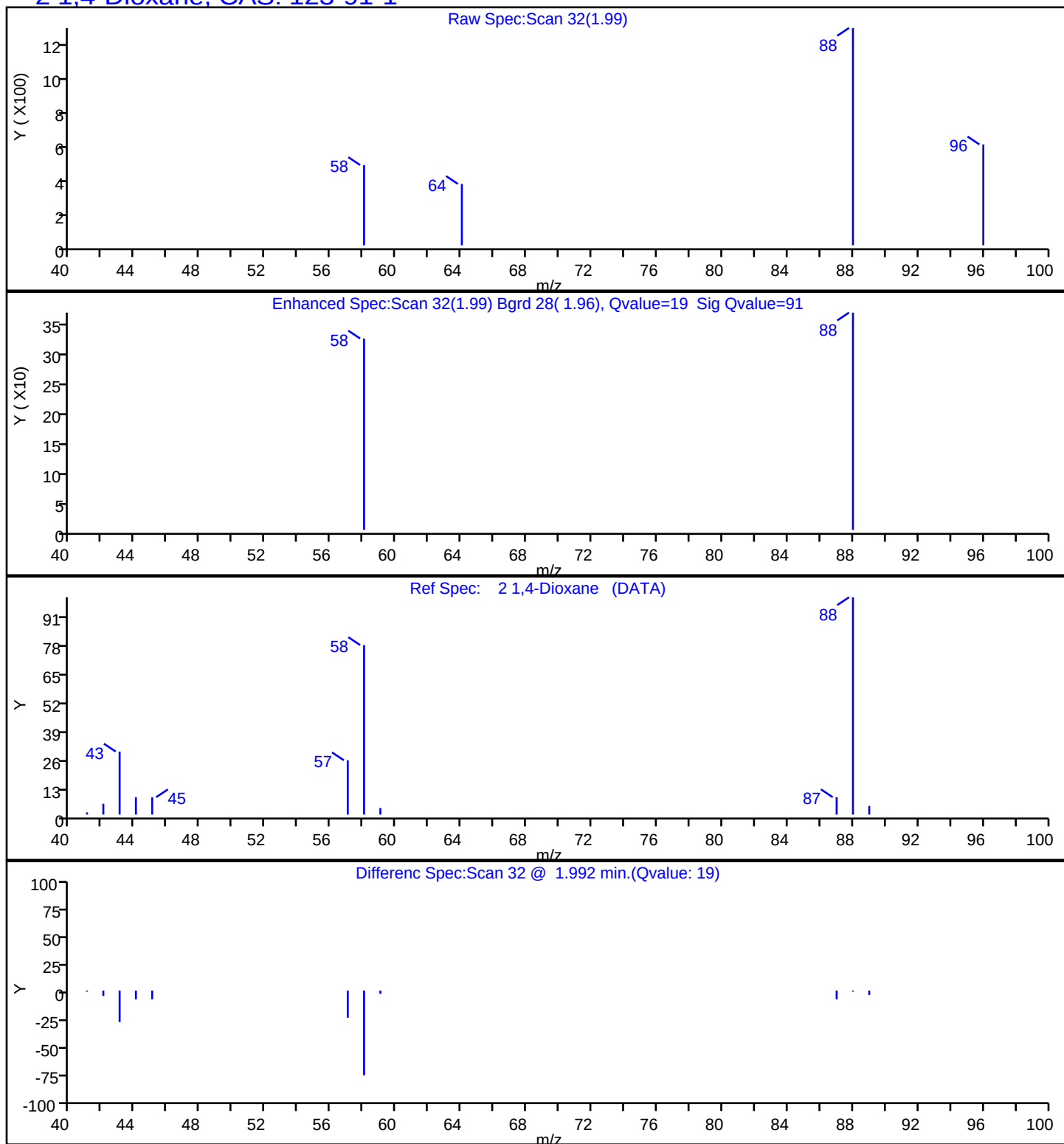
Limit Group:

MSS 8270 Isotope Dilution IS

Column: Rtxi-5Sil MS (0.25 mm)

Detector

MS SCAN

2 1,4-Dioxane, CAS: 123-91-1

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20221023-152154.b\273929.D

Injection Date: 23-Oct-2022 17:02:30

Instrument ID: CBNAMS9

Lims ID: 460-267943-D-1-A

Lab Sample ID: 460-267943-1

Client ID: MW-104

Operator ID:

ALS Bottle#:

7

Worklist Smp#:

7

Injection Vol: 5.0 ul

Dil. Factor:

1.0000

Method: 8270_Iso

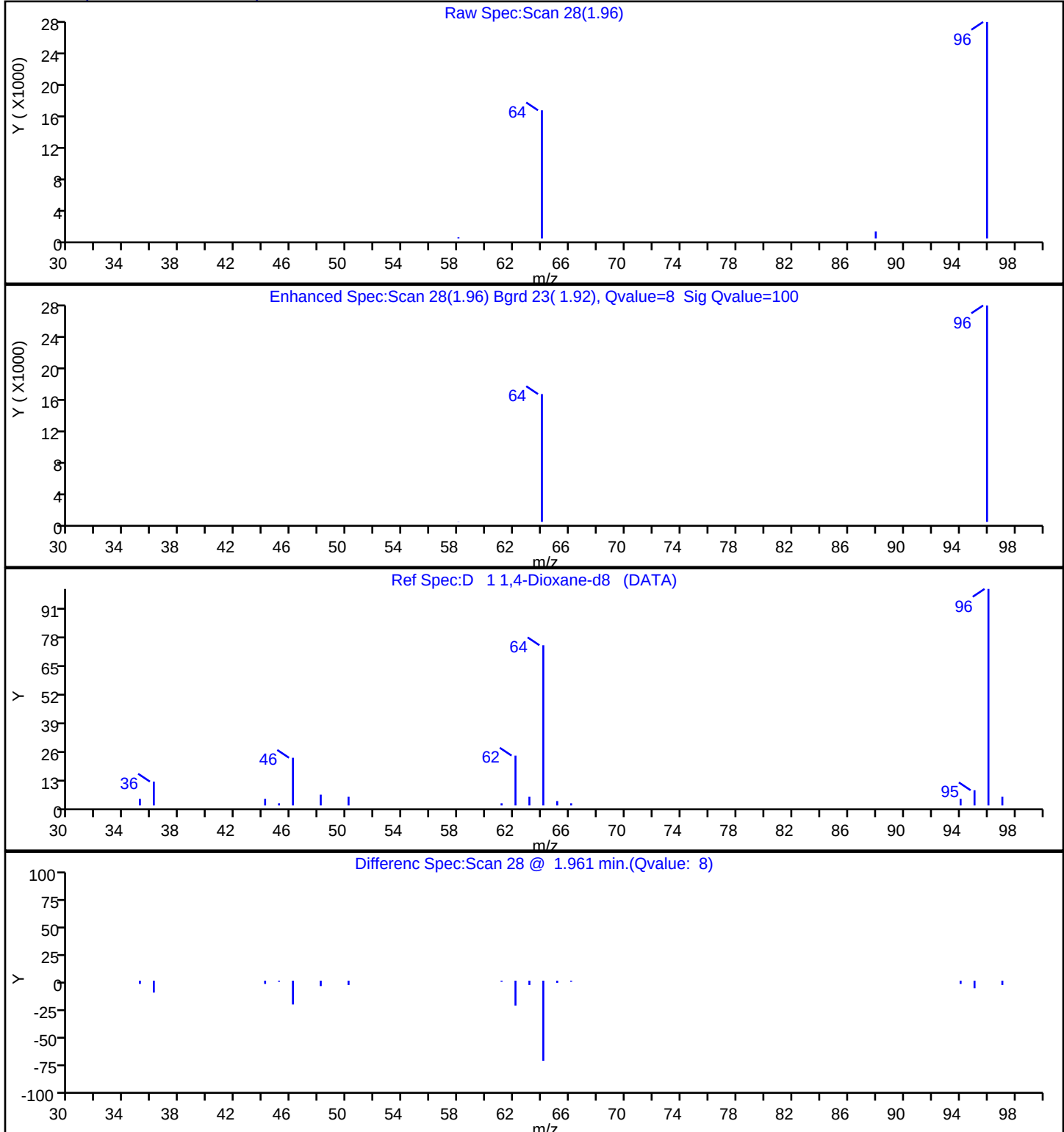
Limit Group:

MSS 8270 Isotope Dilution IS

Column: Rtxi-5Sil MS (0.25 mm)

Detector

MS SCAN

D 1 1,4-Dioxane-d8, CAS: 17647-74-4

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-267943-1
SDG No.: _____
Client Sample ID: DUP Lab Sample ID: 460-267943-2
Matrix: Water Lab File ID: 273930.D
Analysis Method: 8270E SIM ID Date Collected: 10/20/2022 13:25
Extract. Method: 3510C Date Extracted: 10/22/2022 10:40
Sample wt/vol: 250 (mL) Date Analyzed: 10/23/2022 17:18
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.: 873640 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	0.60		0.20	0.072

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
17647-74-4	1,4-Dioxane-d8	25		10-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20221023-152154.b\273930.D
 Lims ID: 460-267943-E-2-A
 Client ID: DUP
 Sample Type: Client
 Inject. Date: 23-Oct-2022 17:18:30 ALS Bottle#: 8 Worklist Smp#: 8
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0152154-008
 Operator ID: Instrument ID: CBNAMS9
 Method: \\chromfs\Edison\ChromData\CBNAMS9\20221023-152154.b\8270_Iso.m
 Limit Group: MSS 8270 Isotope Dilution IS
 Last Update: 24-Oct-2022 06:59:21 Calib Date: 24-Mar-2022 23:20:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Isotopic Dilution Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20220324-143164.b\h270920.d
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: CTX1601

First Level Reviewer: khlungprakhons

Date: 24-Oct-2022 07:03:10

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/ml	%Rec	Flags
D 1 1,4-Dioxane-d8	96	1.961	1.953	0.008	5	34367	1.00	24.9	
2 1,4-Dioxane	88	1.991	1.992	0.007	20	733	0.0746		
* 4 1,4-Dichlorobenzene-d4	150	5.592	5.592	0.000	1	29498	0.2000		

QC Flag Legend

Processing Flags

Reagents:

SM_iso_d4istd_00009

Amount Added: 20.00

Units: uL

Run Reagent

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20221023-152154.b\273930.D

Injection Date: 23-Oct-2022 17:18:30

Instrument ID: CBNAMS9

Operator ID:

Lims ID: 460-267943-E-2-A

Lab Sample ID: 460-267943-2

Worklist Smp#: 8

Client ID: DUP

Injection Vol: 5.0 ul

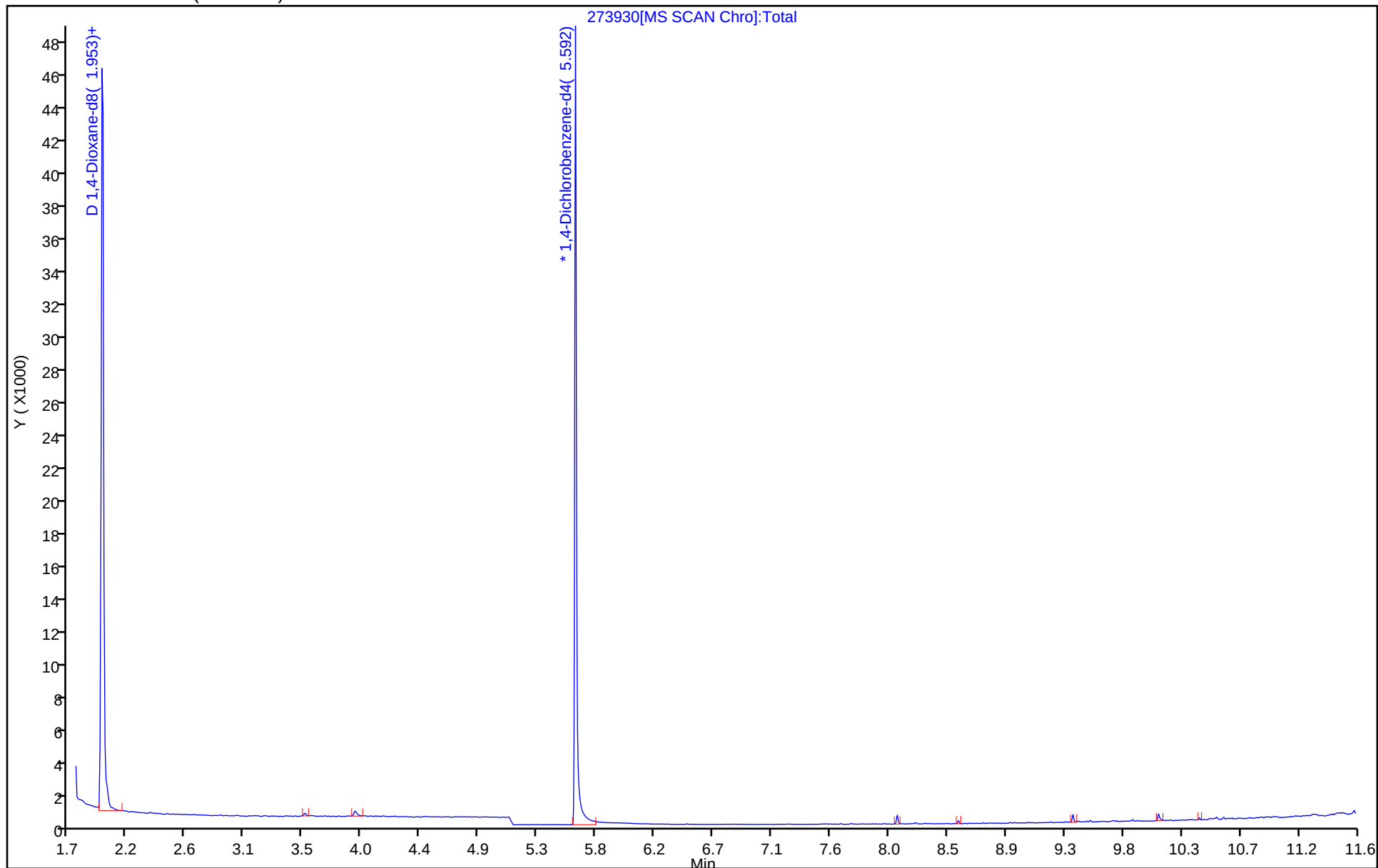
Dil. Factor: 1.0000

ALS Bottle#: 8

Method: 8270_Iso

Limit Group: MSS 8270 Isotope Dilution IS

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20221023-152154.b\273930.D

Injection Date: 23-Oct-2022 17:18:30

Instrument ID: CBNAMS9

Lims ID: 460-267943-E-2-A

Lab Sample ID: 460-267943-2

Client ID: DUP

Operator ID:

ALS Bottle#:

8

Worklist Smp#:

8

Injection Vol: 5.0 ul

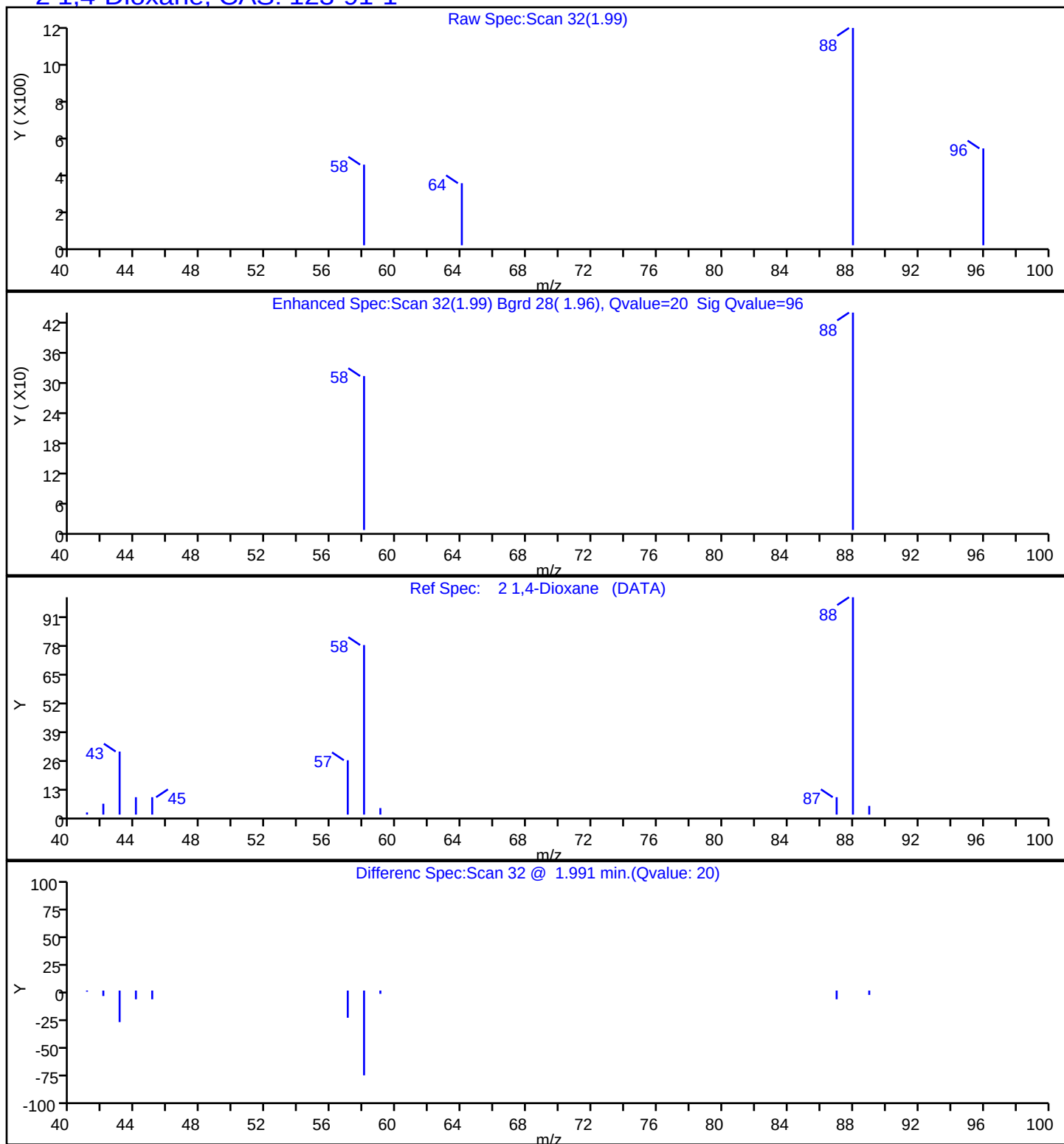
Dil. Factor: 1.0000

Method: 8270_Iso

Limit Group: MSS 8270 Isotope Dilution IS

Column: Rtxi-5Sil MS (0.25 mm)

Detector: MS SCAN

2 1,4-Dioxane, CAS: 123-91-1

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20221023-152154.b\273930.D

Injection Date: 23-Oct-2022 17:18:30

Instrument ID: CBNAMS9

Lims ID: 460-267943-E-2-A

Lab Sample ID: 460-267943-2

Client ID: DUP

Operator ID:

ALS Bottle#: 8

Worklist Smp#: 8

Injection Vol: 5.0 ul

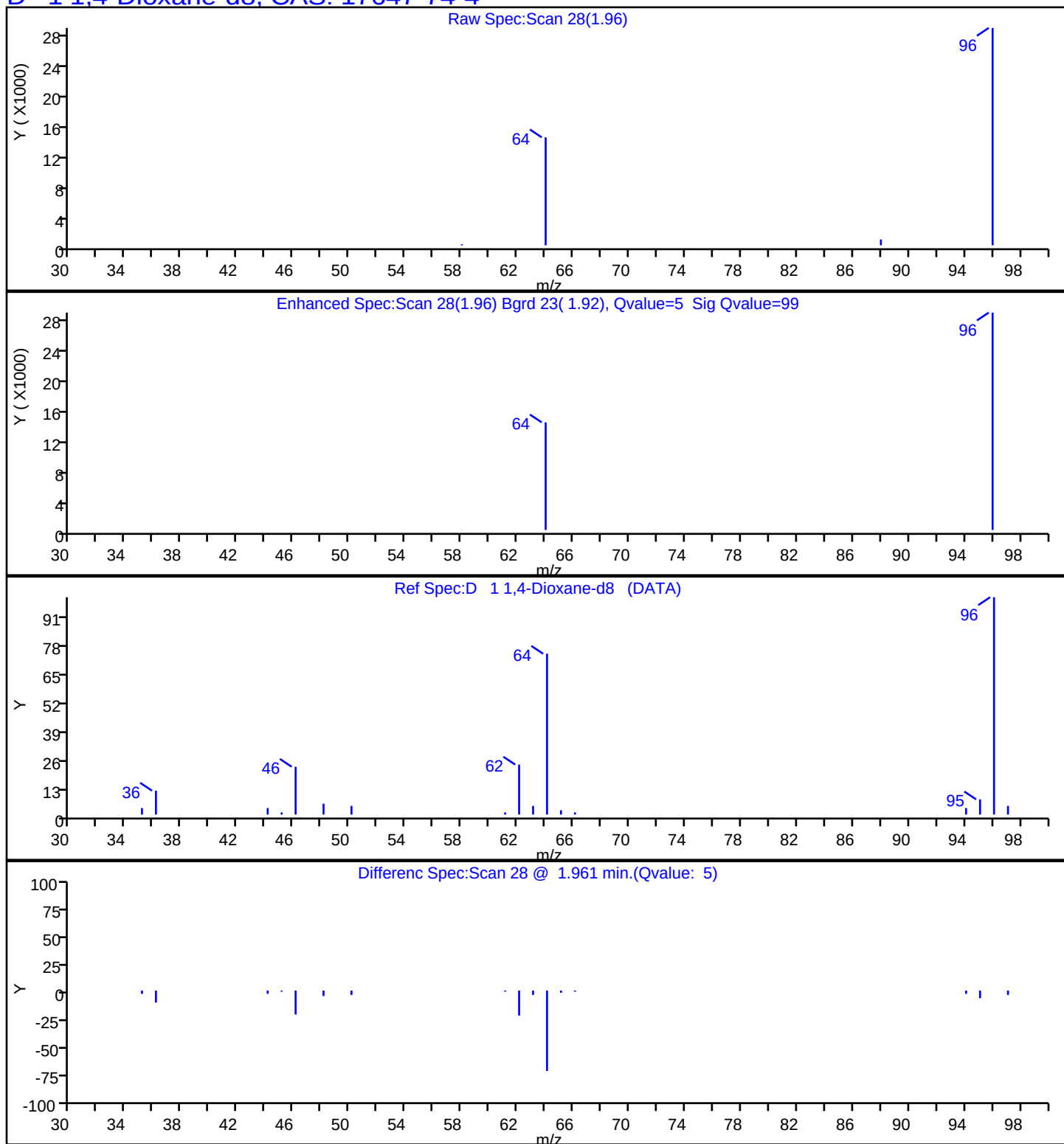
Dil. Factor: 1.0000

Method: 8270_Iso

Limit Group: MSS 8270 Isotope Dilution IS

Column: Rtxi-5Sil MS (0.25 mm)

Detector: MS SCAN

D 1 1,4-Dioxane-d8, CAS: 17647-74-4

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-267943-1 Analy Batch No.: 835366

SDG No.: _____

Instrument ID: CBNAMS9 GC Column: Rtxi-5Sil M ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/24/2022 21:12 Calibration End Date: 03/24/2022 23:20 Calibration ID: 90061

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-835366/10	h270920.d
Level 2	STD2 460-835366/9	h270919.d
Level 3	STD3 460-835366/8	h270918.d
Level 4	STD4 460-835366/7	h270917.d
Level 5	ICIS 460-835366/2	h270912.d
Level 6	STD6 460-835366/6	h270916.d
Level 7	STD7 460-835366/5	h270915.d
Level 8	STD8 460-835366/4	h270914.d
Level 9	STD9 460-835366/3	h270913.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	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	1.1667 1.0965	1.1549 1.1044	1.2272 1.0716	1.1146 1.0938	1.2564	AveI D		1.142 9				5.6		50.0			
1,4-Dioxane-d8	0.2382 0.2381	0.2468 0.2422	0.2335 0.2383	0.2377 0.2235	0.2078	Ave		0.234 0				5.0					

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-267943-1 Analy Batch No.: 835366

SDG No.: _____

Instrument ID: CBNAMS9 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/24/2022 21:12 Calibration End Date: 03/24/2022 23:20 Calibration ID: 90061

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-835366/10	h270920.d
Level 2	STD2 460-835366/9	h270919.d
Level 3	STD3 460-835366/8	h270918.d
Level 4	STD4 460-835366/7	h270917.d
Level 5	ICIS 460-835366/2	h270912.d
Level 6	STD6 460-835366/6	h270916.d
Level 7	STD7 460-835366/5	h270915.d
Level 8	STD8 460-835366/4	h270914.d
Level 9	STD9 460-835366/3	h270913.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		AveID	604	1226	3214	6045	15088	0.0200	0.0400	0.100	0.200	0.500
			28827	57484	294181	2528222		1.00	2.00	10.0	100	
1,4-Dioxane-d8	DCBd 4	Ave	103538	106153	104758	108472	96074	4.00	4.00	4.00	4.00	4.00
			105156	104102	109806	92453		4.00	4.00	4.00	4.00	

Curve Type Legend

Ave = Average ISTD
AveID = Average isotope dilution

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20220324-143164.b\h270912.d
 Lims ID: icis
 Client ID:
 Sample Type: ICIS Calib Level: 5
 Inject. Date: 24-Mar-2022 21:12:30 ALS Bottle#: 2 Worklist Smp#: 2
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0143164-002
 Operator ID: Instrument ID: CBNAMS9
 Sublist: chrom-8270_Iso*sub1
 Method: \\chromfs\Edison\ChromData\CBNAMS9\20220324-143164.b\8270_Iso.m
 Limit Group: MSS 8270 Isotope Dilution IS
 Last Update: 25-Mar-2022 10:08:21 Calib Date: 24-Mar-2022 23:20:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Isotopic Dilution Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20220324-143164.b\h270920.d
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: CTX1659

First Level Reviewer: nimerd

Date: 25-Mar-2022 10:07:22

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
D 1 1,4-Dioxane-d8	96	2.084	2.084	0.000	4	96074	4.00	3.55	
2 1,4-Dioxane	88	2.115	2.115	0.000	19	15088	0.5000	0.5496	
* 4 1,4-Dichlorobenzene-d4	150	5.693	5.693	0.000	1	23121	0.2000	0.2000	

QC Flag Legend

Processing Flags

Reagents:

SM_ISOTOPL5_00008

Amount Added: 1.00

Units: mL

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20220324-143164.b\h270912.d

Injection Date: 24-Mar-2022 21:12:30

Instrument ID: CBNAMS9

Operator ID:

Lims ID: icis

Worklist Smp#: 2

Client ID:

Injection Vol: 5.0 ul

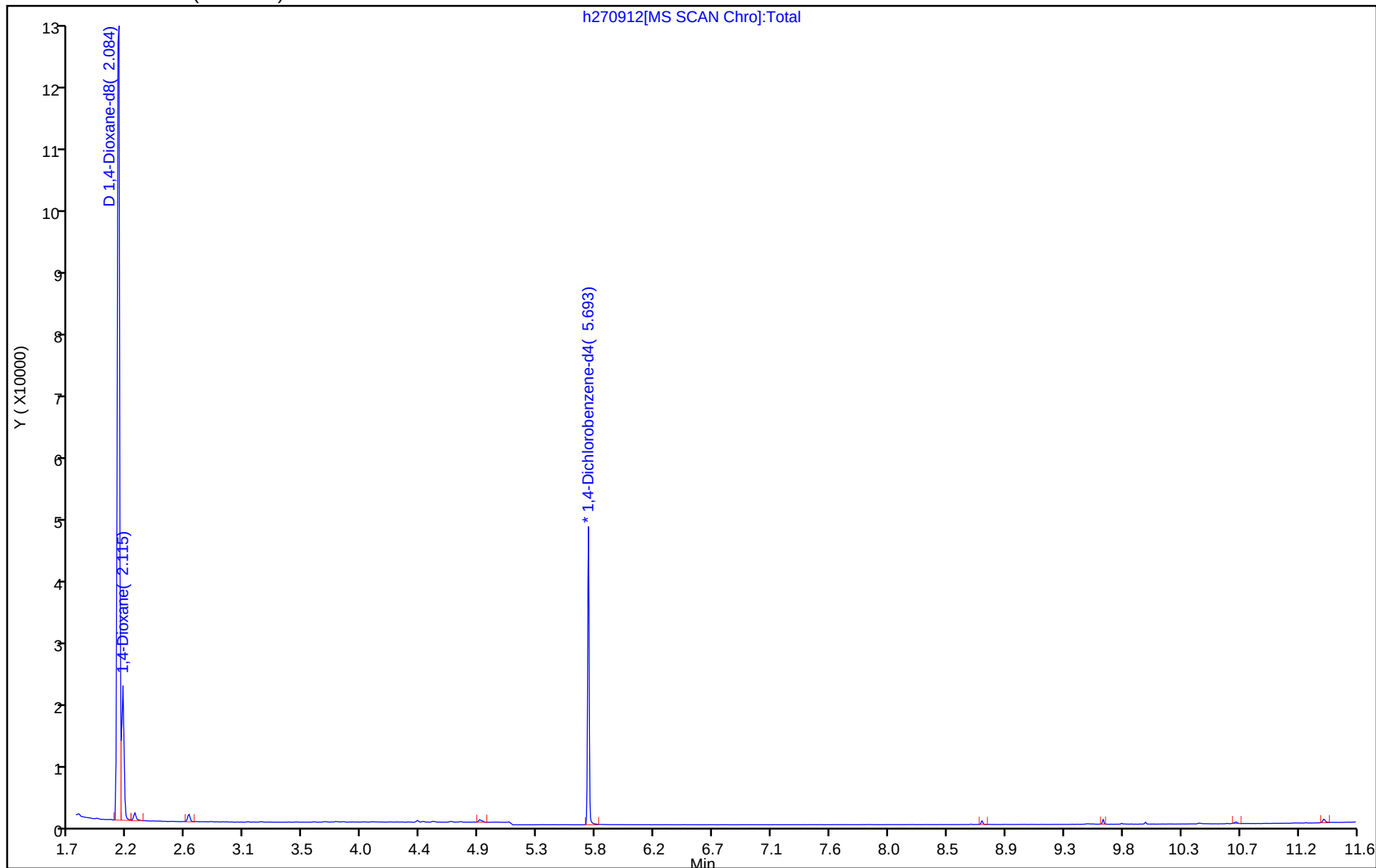
Dil. Factor: 1.0000

ALS Bottle#: 2

Method: 8270_Iso

Limit Group: MSS 8270 Isotope Dilution IS

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20220324-143164.b\h270913.d
 Lims ID: STD9
 Client ID:
 Sample Type: IC Calib Level: 9
 Inject. Date: 24-Mar-2022 21:28:30 ALS Bottle#: 3 Worklist Smp#: 3
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0143164-003
 Operator ID: Instrument ID: CBNAMS9
 Sublist: chrom-8270_Iso*sub1
 Method: \\chromfs\Edison\ChromData\CBNAMS9\20220324-143164.b\8270_Iso.m
 Limit Group: MSS 8270 Isotope Dilution IS
 Last Update: 25-Mar-2022 10:08:21 Calib Date: 24-Mar-2022 23:20:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Isotopic Dilution Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20220324-143164.b\h270920.d
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: CTX1659

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
D 1 1,4-Dioxane-d8	96	2.076	2.084	-0.008	7	92453	4.00	3.82	
2 1,4-Dioxane	88	2.099	2.115	-0.016	20	2528222	100.0	95.7	
* 4 1,4-Dichlorobenzene-d4	150	5.693	5.693	0.000	1	20685	0.2000	0.2000	

Reagents:

SM_ISOTOPL9_00002

Amount Added: 1.00

Units: mL

Report Date: 25-Mar-2022 10:08:21

Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20220324-143164.b\h270913.d

Injection Date: 24-Mar-2022 21:28:30

Instrument ID: CBNAMS9

Operator ID:

Lims ID: STD9

Worklist Smp#: 3

Client ID:

Injection Vol: 5.0 ul

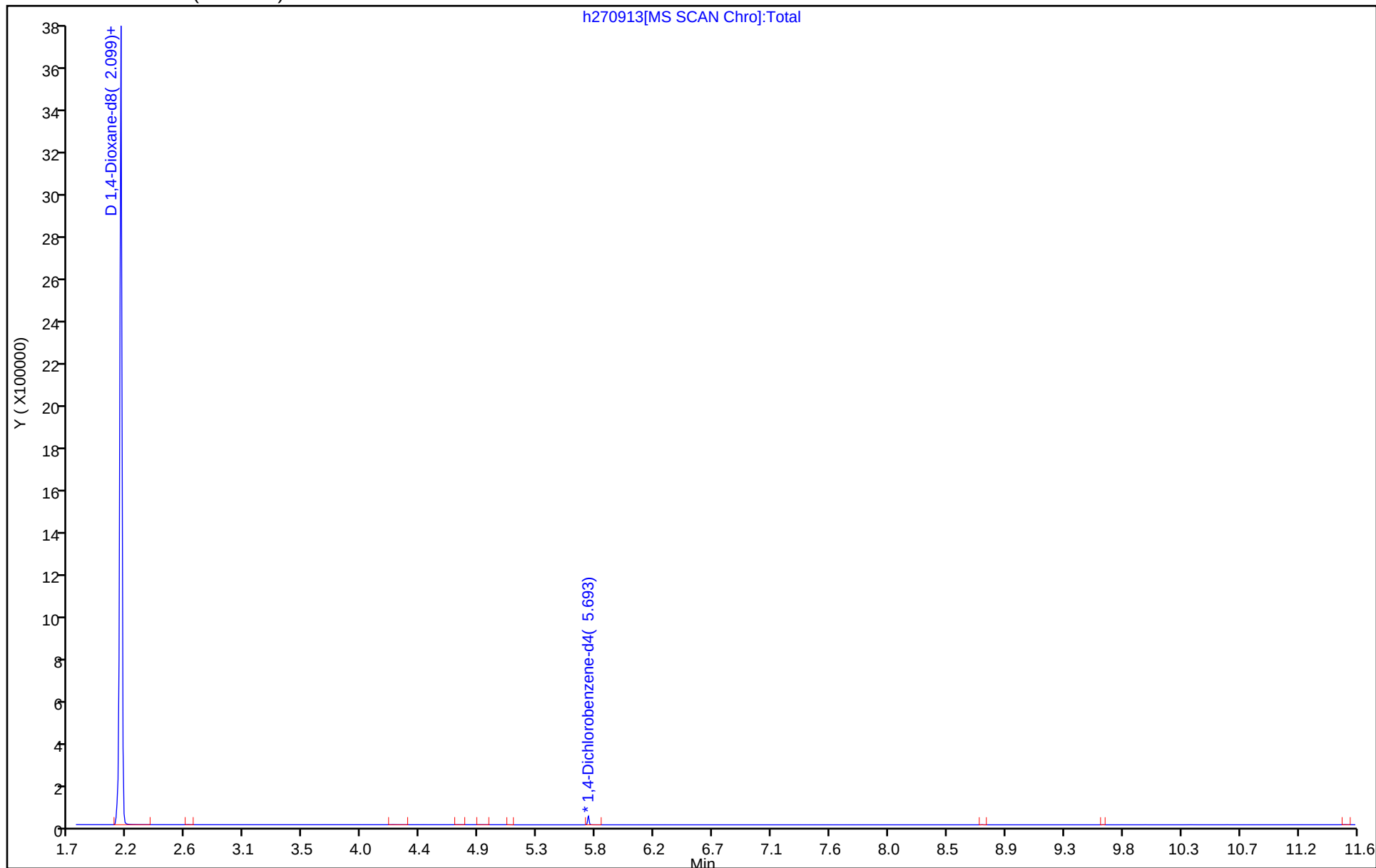
Dil. Factor: 1.0000

ALS Bottle#: 3

Method: 8270_Iso

Limit Group: MSS 8270 Isotope Dilution IS

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20220324-143164.b\h270914.d
 Lims ID: STD8
 Client ID:
 Sample Type: IC Calib Level: 8
 Inject. Date: 24-Mar-2022 21:44:30 ALS Bottle#: 4 Worklist Smp#: 4
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0143164-004
 Operator ID: Instrument ID: CBNAMS9
 Sublist: chrom-8270_Iso*sub1
 Method: \\chromfs\Edison\ChromData\CBNAMS9\20220324-143164.b\8270_Iso.m
 Limit Group: MSS 8270 Isotope Dilution IS
 Last Update: 25-Mar-2022 10:08:22 Calib Date: 24-Mar-2022 23:20:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Isotopic Dilution Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20220324-143164.b\h270920.d
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: CTX1659

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
D 1 1,4-Dioxane-d8	96	2.084	2.084	0.000	11	109806	4.00	4.07	
2 1,4-Dioxane	88	2.115	2.115	0.000	18	294181	10.0	9.38	
* 4 1,4-Dichlorobenzene-d4	150	5.693	5.693	0.000	1	23041	0.2000	0.2000	

Reagents:

SM_ISOTOPL8_00007

Amount Added: 1.00

Units: mL

Report Date: 25-Mar-2022 10:08:22

Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20220324-143164.b\h270914.d

Injection Date: 24-Mar-2022 21:44:30

Instrument ID: CBNAMS9

Operator ID:

Lims ID: STD8

Worklist Smp#: 4

Client ID:

Injection Vol: 5.0 ul

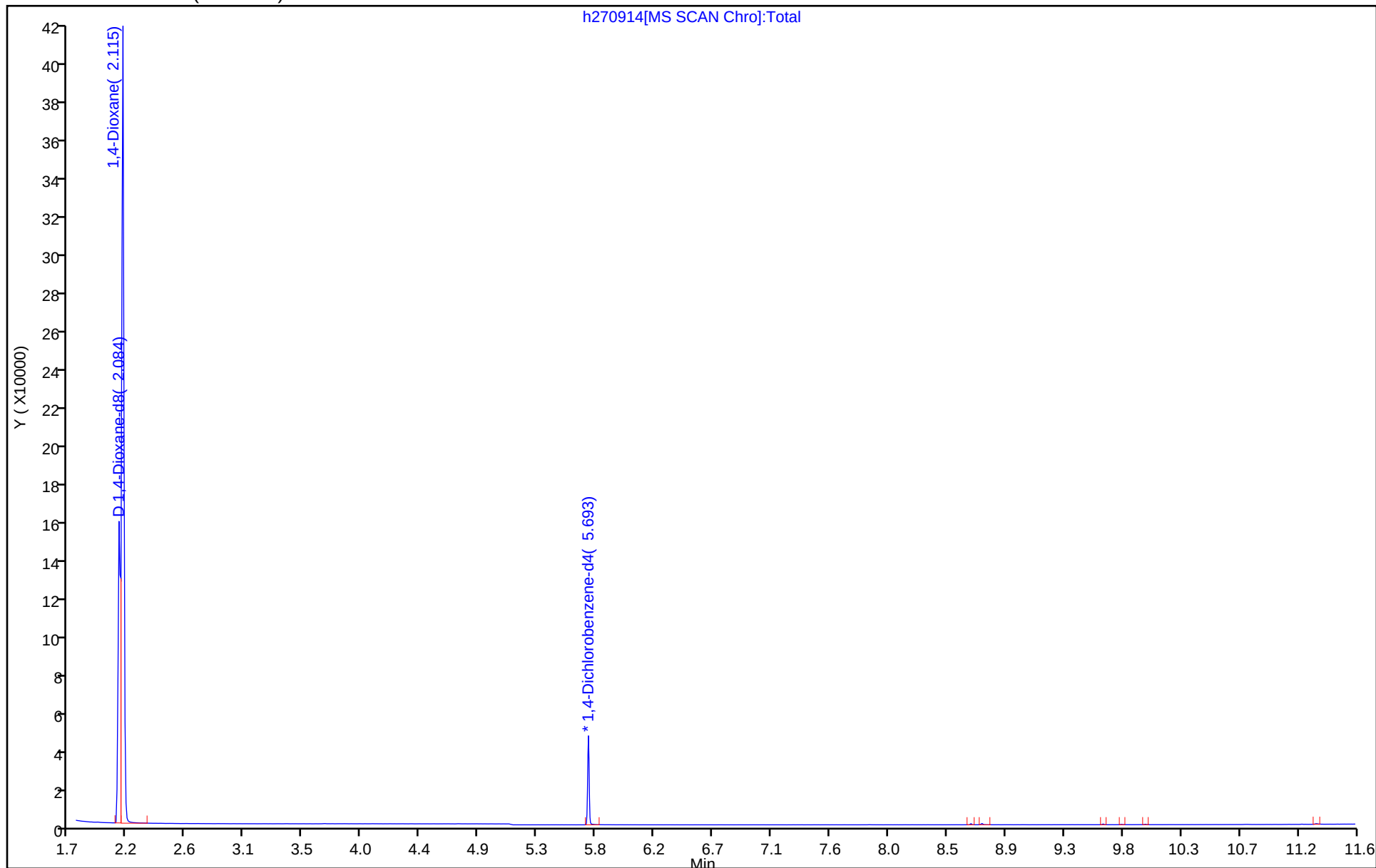
Dil. Factor: 1.0000

ALS Bottle#: 4

Method: 8270_Iso

Limit Group: MSS 8270 Isotope Dilution IS

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20220324-143164.b\h270915.d
 Lims ID: STD7
 Client ID:
 Sample Type: IC Calib Level: 7
 Inject. Date: 24-Mar-2022 22:00:30 ALS Bottle#: 5 Worklist Smp#: 5
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0143164-005
 Operator ID: Instrument ID: CBNAMS9
 Sublist: chrom-8270_Iso*sub1
 Method: \\chromfs\Edison\ChromData\CBNAMS9\20220324-143164.b\8270_Iso.m
 Limit Group: MSS 8270 Isotope Dilution IS
 Last Update: 25-Mar-2022 10:08:22 Calib Date: 24-Mar-2022 23:20:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Isotopic Dilution Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20220324-143164.b\h270920.d
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: CTX1659

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
D 1 1,4-Dioxane-d8	96	2.084	2.084	0.000	8	104102	4.00	4.14	
2 1,4-Dioxane	88	2.115	2.115	0.000	18	57484	2.00	1.93	
* 4 1,4-Dichlorobenzene-d4	150	5.693	5.693	0.000	1	21490	0.2000	0.2000	

Reagents:

SM_ISOTOPL7_00007

Amount Added: 1.00

Units: mL

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20220324-143164.b\h270915.d

Injection Date: 24-Mar-2022 22:00:30

Instrument ID: CBNAMS9

Operator ID:

Lims ID: STD7

Worklist Smp#: 5

Client ID:

Injection Vol: 5.0 ul

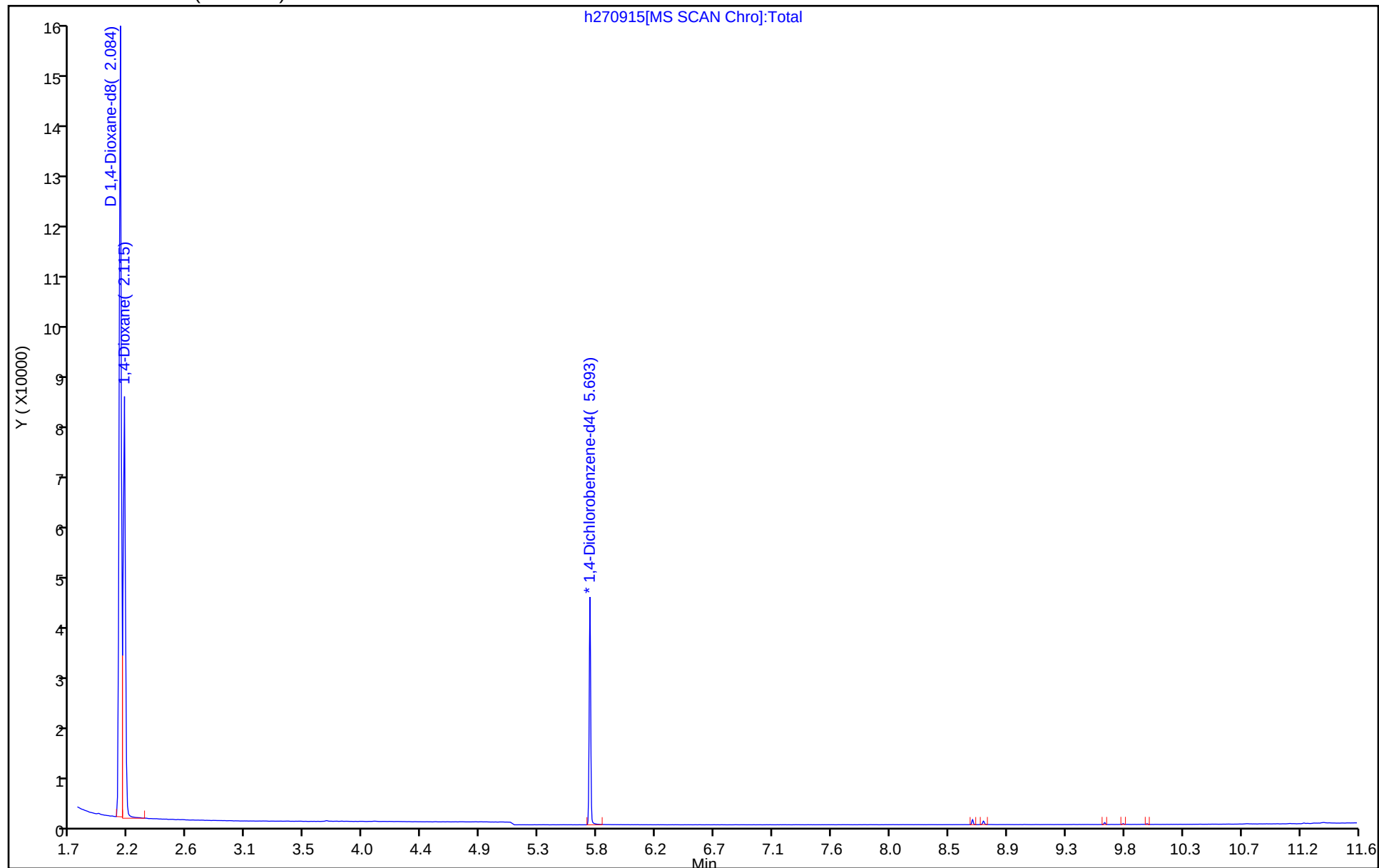
Dil. Factor: 1.0000

ALS Bottle#: 5

Method: 8270_Iso

Limit Group: MSS 8270 Isotope Dilution IS

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20220324-143164.b\h270916.d
 Lims ID: STD6
 Client ID:
 Sample Type: IC Calib Level: 6
 Inject. Date: 24-Mar-2022 22:16:30 ALS Bottle#: 6 Worklist Smp#: 6
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0143164-006
 Operator ID: Instrument ID: CBNAMS9
 Sublist: chrom-8270_Iso*sub1
 Method: \\chromfs\Edison\ChromData\CBNAMS9\20220324-143164.b\h270_Iso.m
 Limit Group: MSS 8270 Isotope Dilution IS
 Last Update: 25-Mar-2022 10:08:23 Calib Date: 24-Mar-2022 23:20:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Isotopic Dilution Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20220324-143164.b\h270920.d
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: CTX1659

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
D 1 1,4-Dioxane-d8	96	2.084	2.084	0.000	12	105156	4.00	4.07	
2 1,4-Dioxane	88	2.122	2.115	0.007	13	28827	1.00	0.9594	
* 4 1,4-Dichlorobenzene-d4	150	5.693	5.693	0.000	1	22082	0.2000	0.2000	

Reagents:

SM_ISOTOPL6_00008

Amount Added: 1.00

Units: mL

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20220324-143164.b\h270916.d

Injection Date: 24-Mar-2022 22:16:30

Instrument ID: CBNAMS9

Operator ID:

Lims ID: STD6

Worklist Smp#: 6

Client ID:

Injection Vol: 5.0 ul

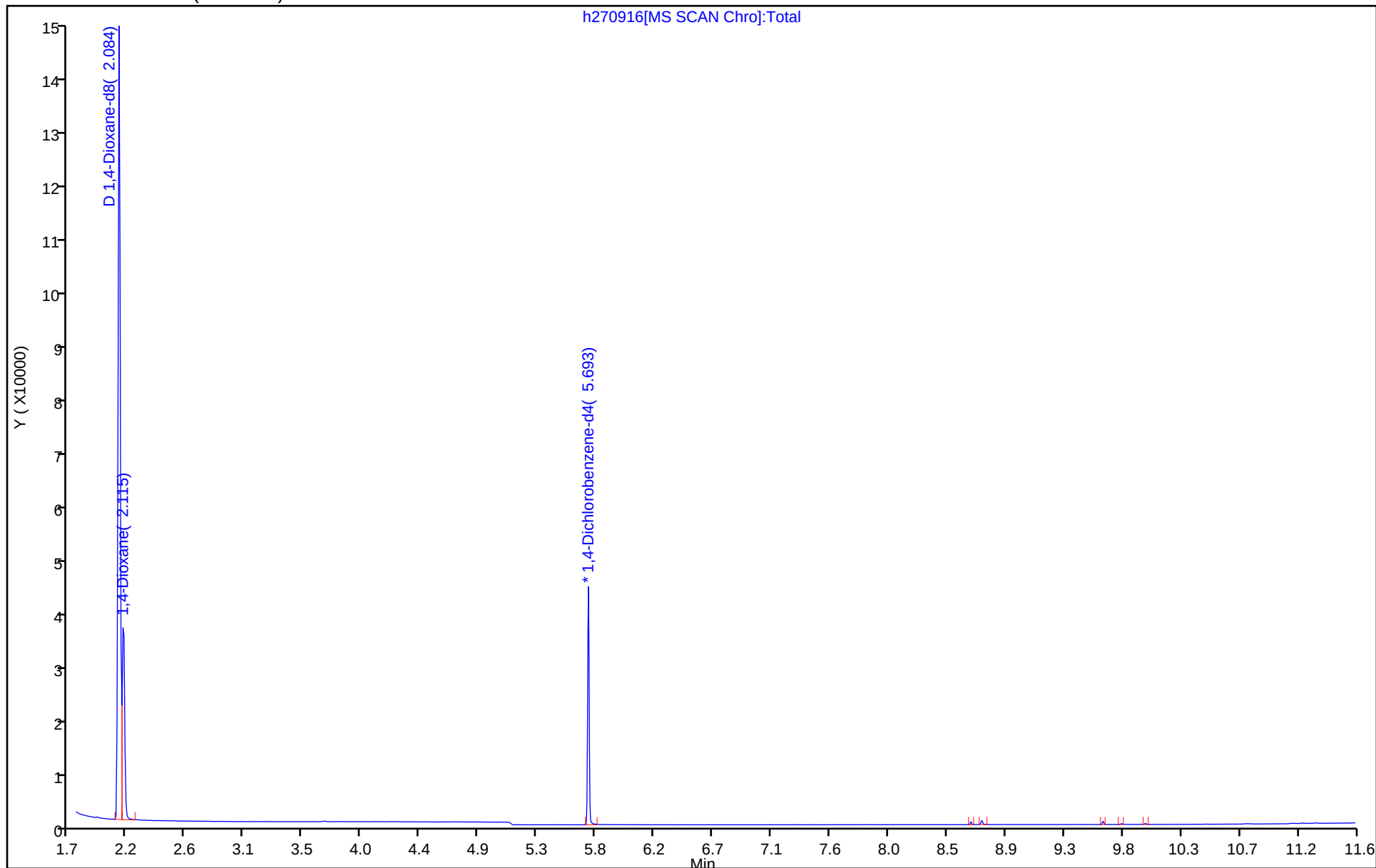
Dil. Factor: 1.0000

ALS Bottle#: 6

Method: 8270_Iso

Limit Group: MSS 8270 Isotope Dilution IS

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20220324-143164.b\h270917.d
 Lims ID: STD4
 Client ID:
 Sample Type: IC Calib Level: 4
 Inject. Date: 24-Mar-2022 22:32:30 ALS Bottle#: 7 Worklist Smp#: 7
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0143164-007
 Operator ID: Instrument ID: CBNAMS9
 Sublist: chrom-8270_Iso*sub1
 Method: \\chromfs\Edison\ChromData\CBNAMS9\20220324-143164.b\8270_Iso.m
 Limit Group: MSS 8270 Isotope Dilution IS
 Last Update: 25-Mar-2022 10:08:23 Calib Date: 24-Mar-2022 23:20:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Isotopic Dilution Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20220324-143164.b\h270920.d
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: CTX1659

First Level Reviewer: nimerd

Date: 25-Mar-2022 10:07:35

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
D 1 1,4-Dioxane-d8	96	2.092	2.084	0.008	4	108472	4.00	4.06	
2 1,4-Dioxane	88	2.122	2.115	0.007	20	6045	0.2000	0.1950	M
* 4 1,4-Dichlorobenzene-d4	150	5.693	5.693	0.000	1	22819	0.2000	0.2000	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

SM_ISOTOPL4_00007

Amount Added: 1.00

Units: mL

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20220324-143164.b\h270917.d

Injection Date: 24-Mar-2022 22:32:30

Instrument ID: CBNAMS9

Operator ID:

Lims ID: STD4

Worklist Smp#: 7

Client ID:

Injection Vol: 5.0 ul

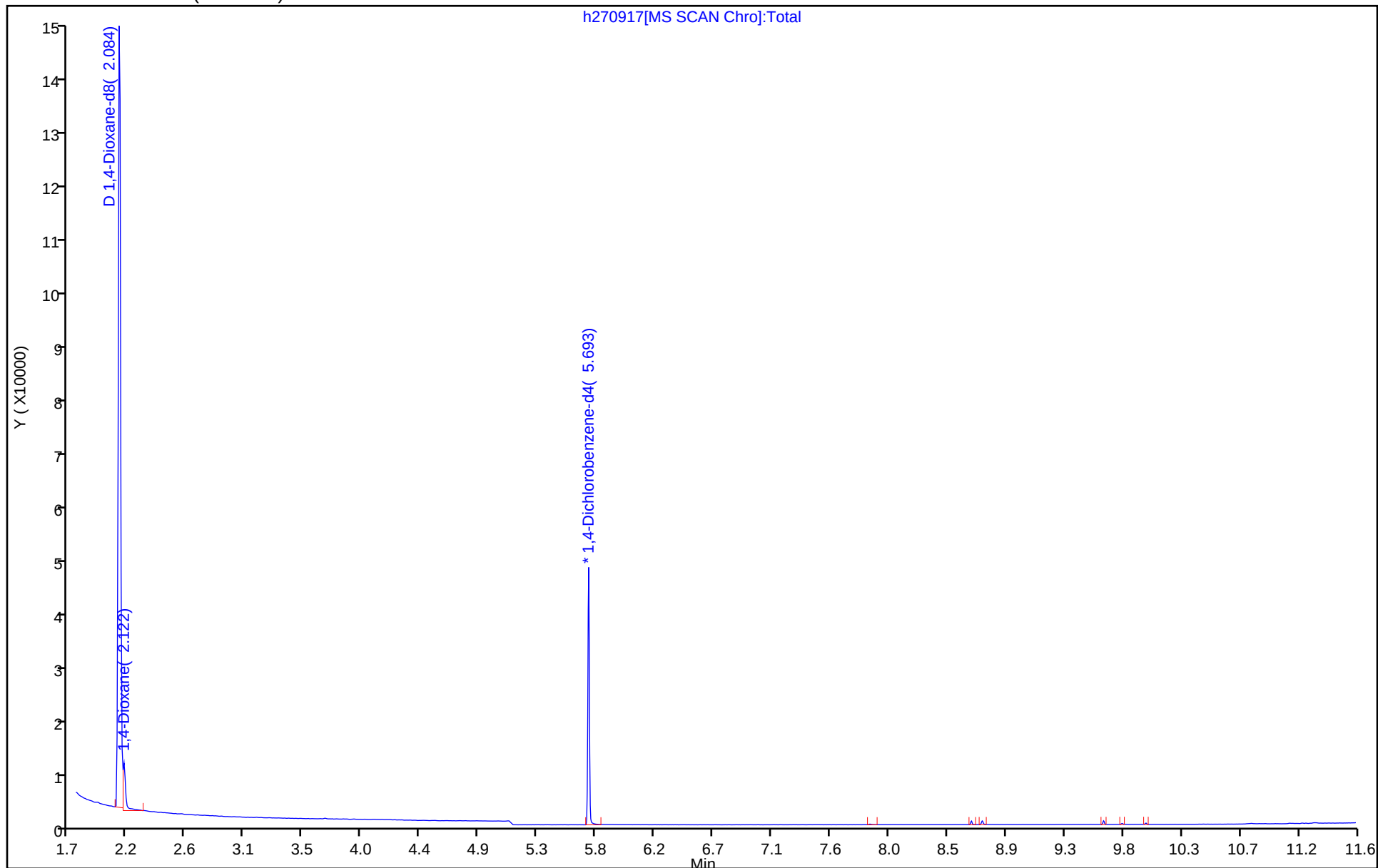
Dil. Factor: 1.0000

ALS Bottle#: 7

Method: 8270_Iso

Limit Group: MSS 8270 Isotope Dilution IS

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20220324-143164.b\h270917.d

Injection Date: 24-Mar-2022 22:32:30

Instrument ID: CBNAMS9

Lims ID: STD4

Client ID:

Operator ID:

ALS Bottle#:

7

Worklist Smp#: 7

Injection Vol: 5.0 ul

Dil. Factor: 1.0000

Method: 8270_Iso

Limit Group: MSS 8270 Isotope Dilution IS

Column: Rtxi-5Sil MS (0.25 mm)

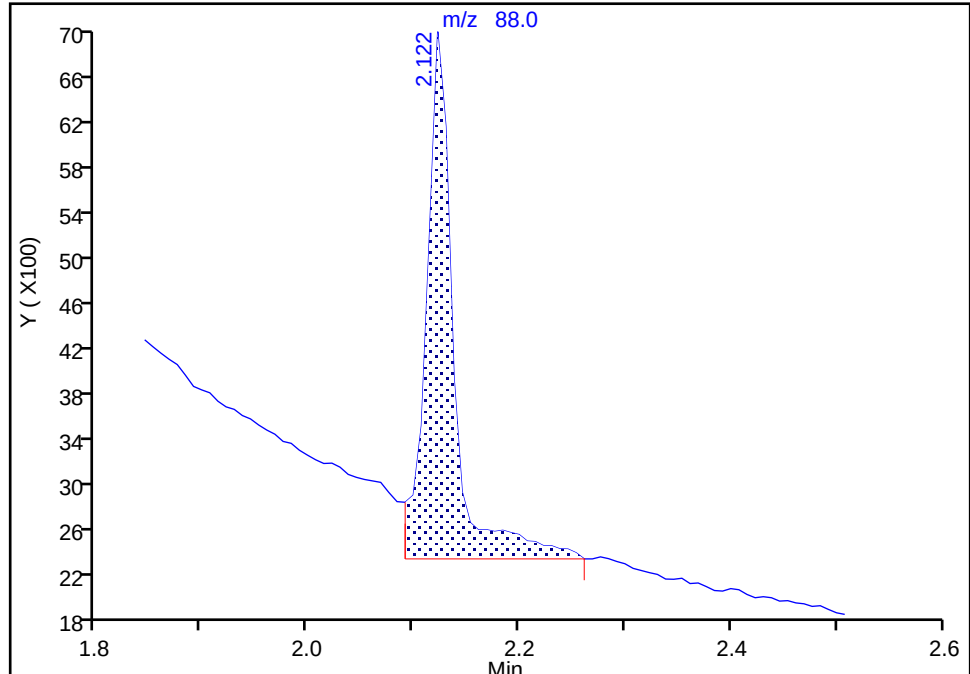
Detector: MS SCAN

2 1,4-Dioxane, CAS: 123-91-1

Signal: 1

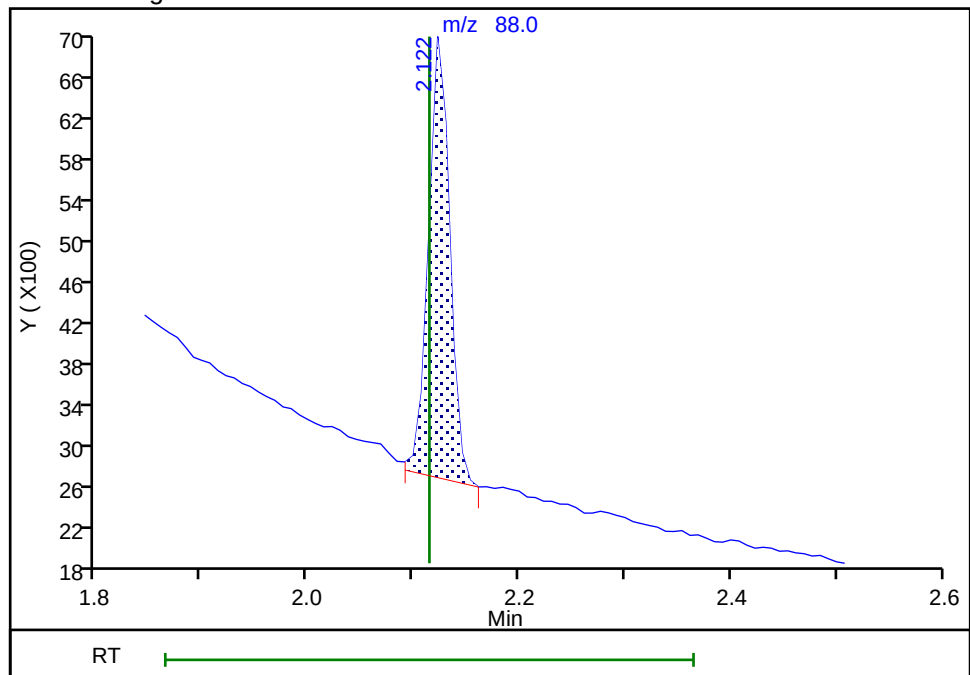
RT: 2.12
Area: 8529
Amount: 0.248461
Amount Units: ug/ml

Processing Integration Results



RT: 2.12
Area: 6045
Amount: 0.195041
Amount Units: ug/ml

Manual Integration Results



Reviewer: nimerd, 25-Mar-2022 10:07:33

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20220324-143164.b\h270918.d
 Lims ID: STD3
 Client ID:
 Sample Type: IC Calib Level: 3
 Inject. Date: 24-Mar-2022 22:48:30 ALS Bottle#: 8 Worklist Smp#: 8
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0143164-008
 Operator ID: Instrument ID: CBNAMS9
 Sublist: chrom-8270_Iso*sub1
 Method: \\chromfs\Edison\ChromData\CBNAMS9\20220324-143164.b\h270_Iso.m
 Limit Group: MSS 8270 Isotope Dilution IS
 Last Update: 25-Mar-2022 10:08:23 Calib Date: 24-Mar-2022 23:20:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Isotopic Dilution Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20220324-143164.b\h270920.d
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: CTX1659

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
D 1 1,4-Dioxane-d8	96	2.092	2.092	0.000	4	104758	4.00	3.99	
2 1,4-Dioxane	88	2.122	2.122	0.000	20	3214	0.1000	0.1074	
* 4 1,4-Dichlorobenzene-d4	150	5.693	5.693	0.000	1	22428	0.2000	0.2000	

Reagents:

SM_ISOTOPL3_00007

Amount Added: 1.00

Units: mL

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20220324-143164.b\h270918.d

Injection Date: 24-Mar-2022 22:48:30

Instrument ID: CBNAMS9

Operator ID:

Lims ID: STD3

Worklist Smp#: 8

Client ID:

Injection Vol: 5.0 ul

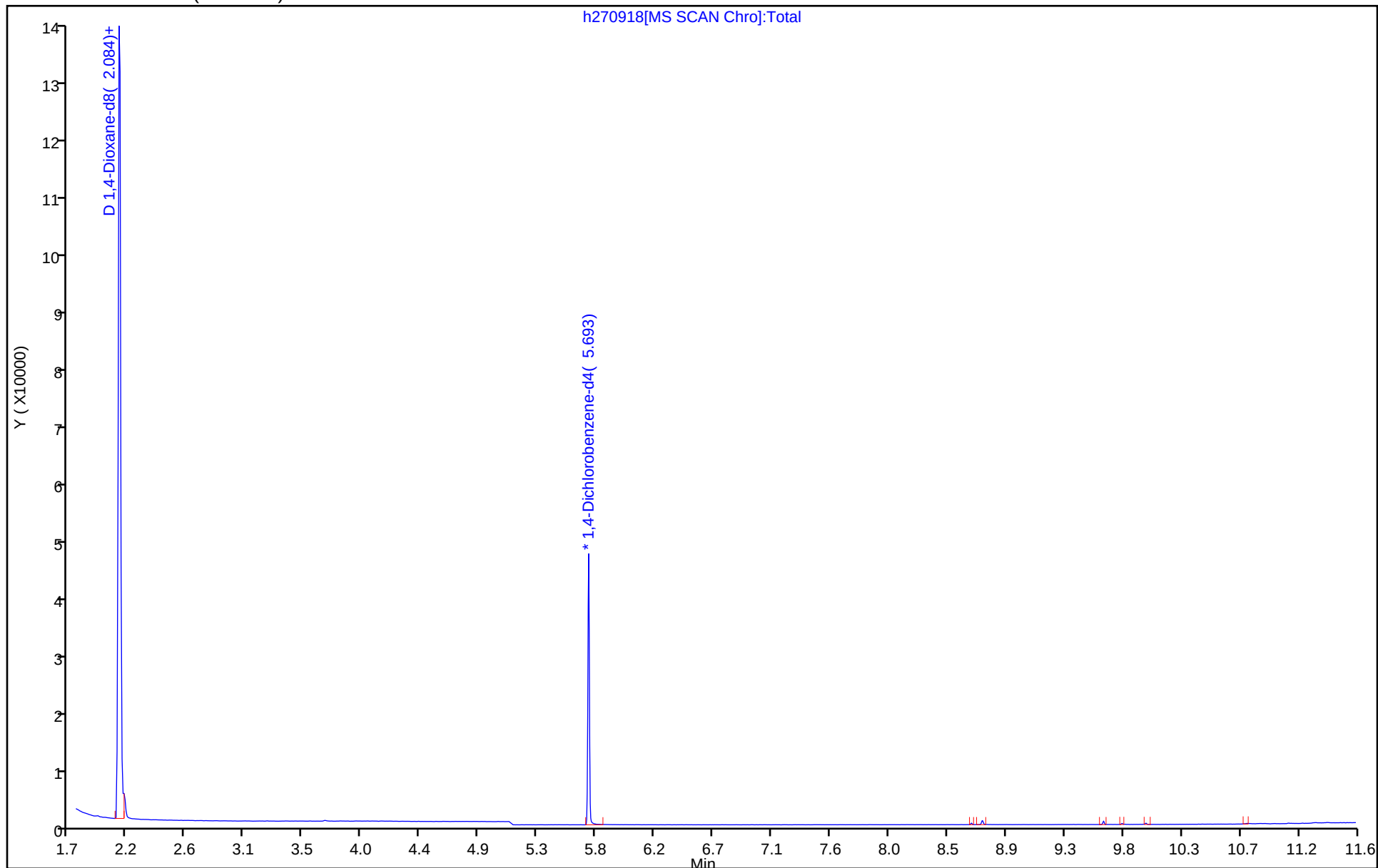
Dil. Factor: 1.0000

ALS Bottle#: 8

Method: 8270_Iso

Limit Group: MSS 8270 Isotope Dilution IS

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20220324-143164.b\h270919.d
 Lims ID: STD2
 Client ID:
 Sample Type: IC Calib Level: 2
 Inject. Date: 24-Mar-2022 23:04:30 ALS Bottle#: 9 Worklist Smp#: 9
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0143164-009
 Operator ID: Instrument ID: CBNAMS9
 Sublist: chrom-8270_Iso*sub1
 Method: \\chromfs\Edison\ChromData\CBNAMS9\20220324-143164.b\8270_Iso.m
 Limit Group: MSS 8270 Isotope Dilution IS
 Last Update: 25-Mar-2022 10:08:24 Calib Date: 24-Mar-2022 23:20:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Isotopic Dilution Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20220324-143164.b\h270920.d
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: CTX1659

First Level Reviewer: nimerd

Date: 25-Mar-2022 10:08:05

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
D 1 1,4-Dioxane-d8	96	2.084	2.092	-0.008	13	106153	4.00	4.22	
2 1,4-Dioxane	88	2.122	2.122	0.000	16	1226	0.0400	0.0404	M
* 4 1,4-Dichlorobenzene-d4	150	5.693	5.693	0.000	1	21510	0.2000	0.2000	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

SM_ISOTOPL2_00007

Amount Added: 1.00

Units: mL

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20220324-143164.b\h270919.d

Injection Date: 24-Mar-2022 23:04:30

Instrument ID: CBNAMS9

Operator ID:

Lims ID: STD2

Worklist Smp#: 9

Client ID:

Injection Vol: 5.0 ul

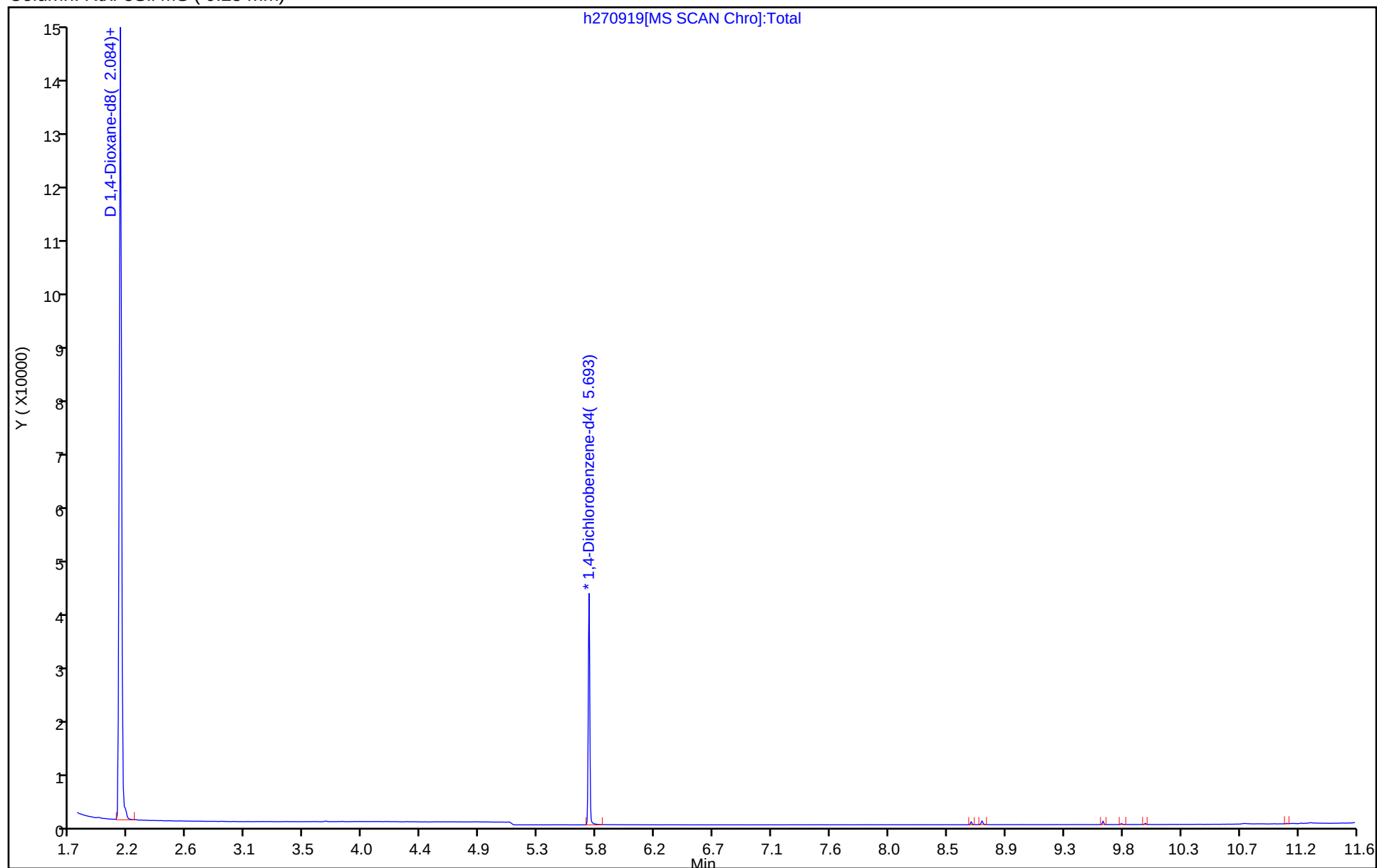
Dil. Factor: 1.0000

ALS Bottle#: 9

Method: 8270_Iso

Limit Group: MSS 8270 Isotope Dilution IS

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20220324-143164.b\h270919.d

Injection Date: 24-Mar-2022 23:04:30

Instrument ID: CBNAMS9

Lims ID: STD2

Client ID:

Operator ID:

ALS Bottle#:

9

Worklist Smp#: 9

Injection Vol: 5.0 ul

Dil. Factor: 1.0000

Method: 8270_Iso

Limit Group: MSS 8270 Isotope Dilution IS

Column: Rtxi-5Sil MS (0.25 mm)

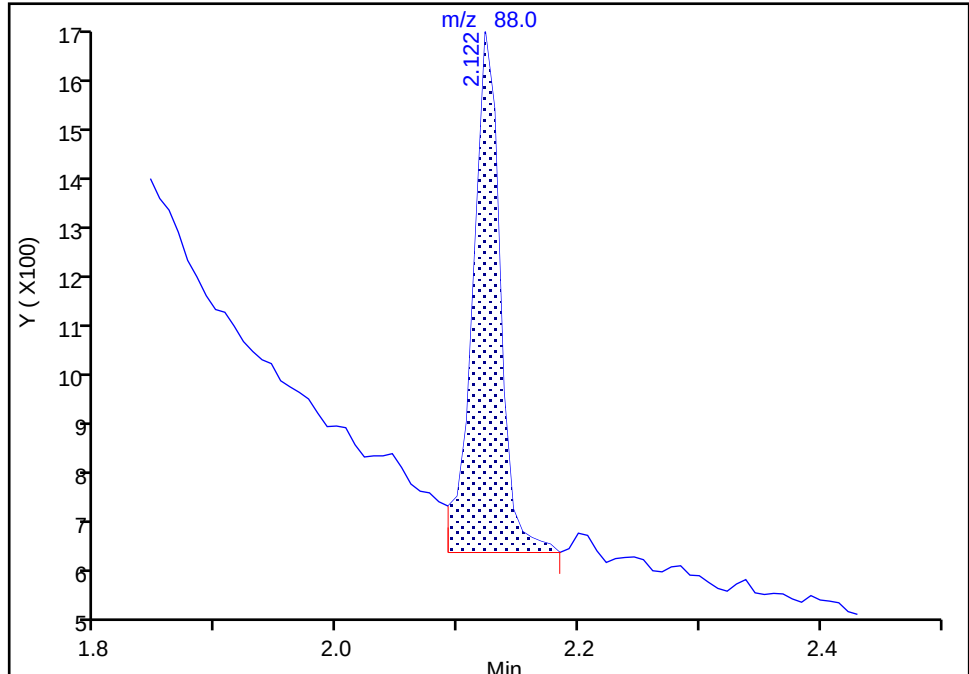
Detector: MS SCAN

2 1,4-Dioxane, CAS: 123-91-1

Signal: 1

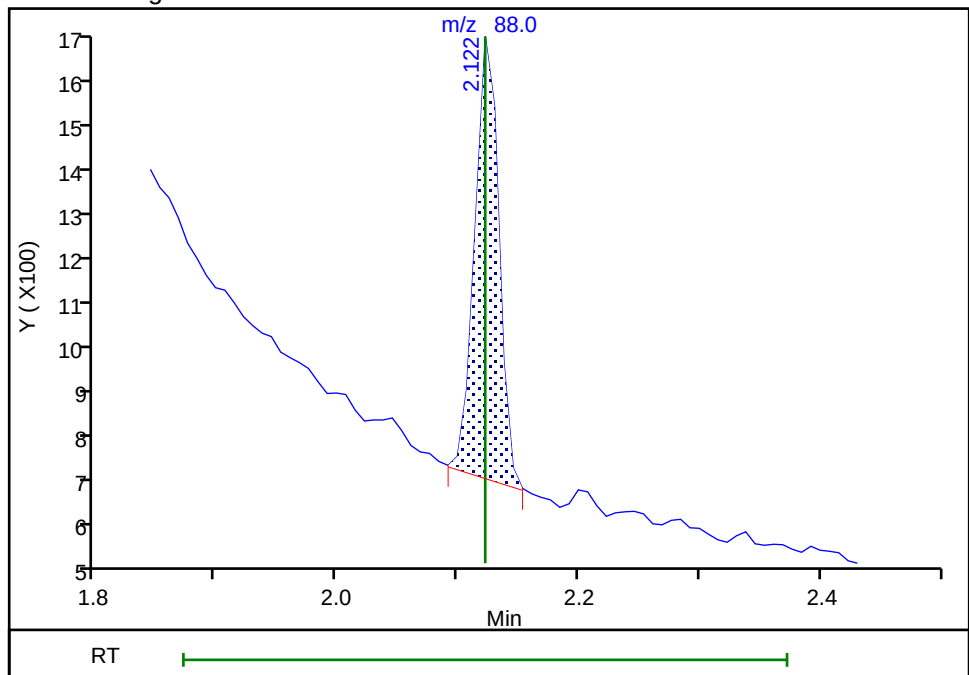
RT: 2.12
Area: 1494
Amount: 0.048077
Amount Units: ug/ml

Processing Integration Results



RT: 2.12
Area: 1226
Amount: 0.040421
Amount Units: ug/ml

Manual Integration Results



Reviewer: nimerd, 25-Mar-2022 10:08:01

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20220324-143164.b\h270920.d
 Lims ID: STD1
 Client ID:
 Sample Type: IC Calib Level: 1
 Inject. Date: 24-Mar-2022 23:20:30 ALS Bottle#: 10 Worklist Smp#: 10
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0143164-010
 Operator ID: Instrument ID: CBNAMS9
 Sublist: chrom-8270_Iso*sub1
 Method: \\chromfs\Edison\ChromData\CBNAMS9\20220324-143164.b\8270_Iso.m
 Limit Group: MSS 8270 Isotope Dilution IS
 Last Update: 25-Mar-2022 10:08:24 Calib Date: 24-Mar-2022 23:20:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Isotopic Dilution Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20220324-143164.b\h270920.d
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: CTX1659

First Level Reviewer: nimerd

Date: 25-Mar-2022 10:07:53

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
D 1 1,4-Dioxane-d8	96	2.091	2.092	-0.001	4	103538	4.00	4.07	
2 1,4-Dioxane	88	2.130	2.122	0.008	8	604	0.0200	0.0204	M
* 4 1,4-Dichlorobenzene-d4	150	5.693	5.693	0.000	1	21733	0.2000	0.2000	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

SM_ISOTOPL1_00008

Amount Added: 1.00

Units: mL

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20220324-143164.b\h270920.d

Injection Date: 24-Mar-2022 23:20:30

Instrument ID: CBNAMS9

Operator ID:

Lims ID: STD1

Worklist Smp#: 10

Client ID:

Injection Vol: 5.0 ul

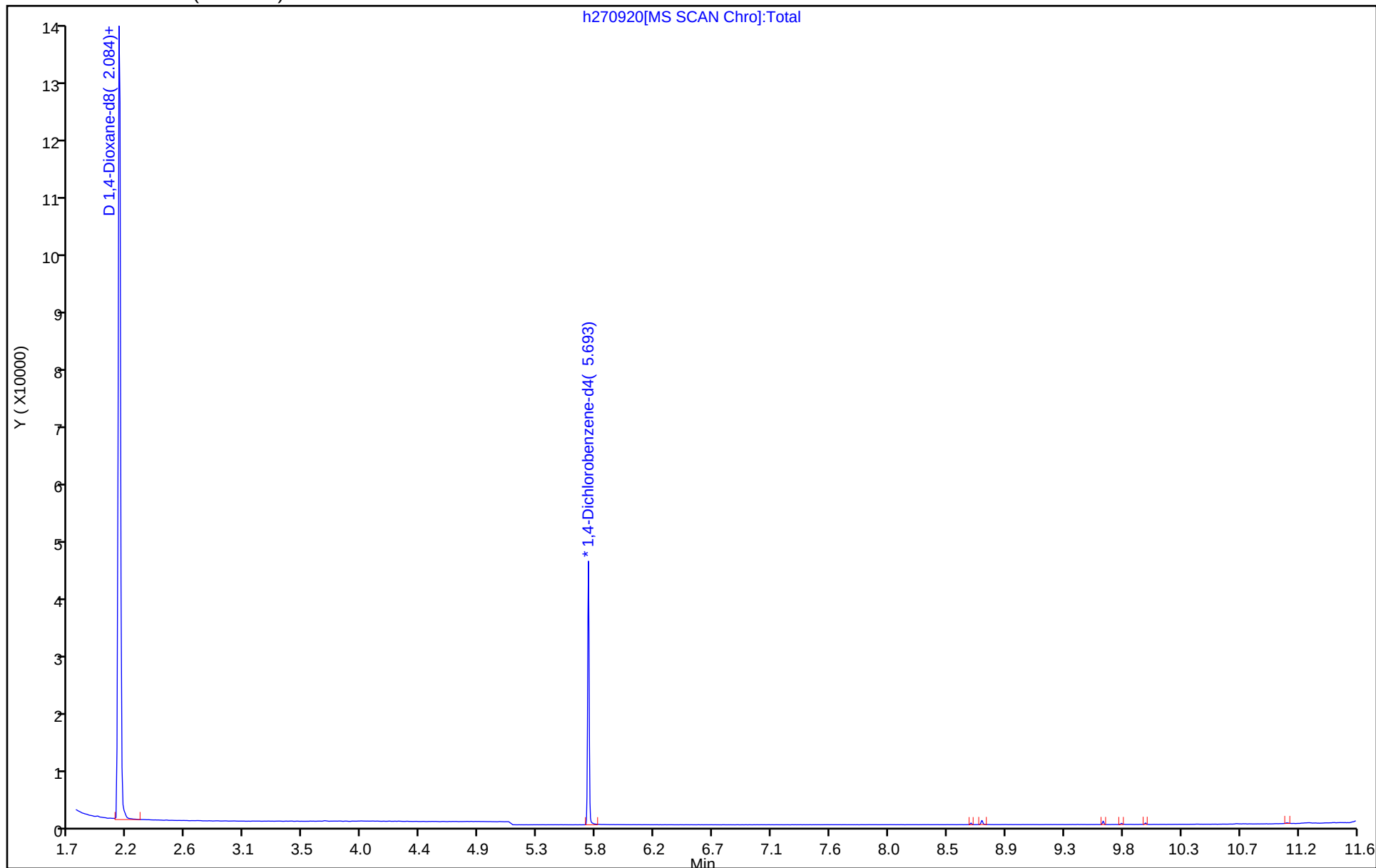
Dil. Factor: 1.0000

ALS Bottle#: 10

Method: 8270_Iso

Limit Group: MSS 8270 Isotope Dilution IS

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20220324-143164.b\h270920.d

Injection Date: 24-Mar-2022 23:20:30

Instrument ID: CBNAMS9

Lims ID: STD1

Client ID:

Operator ID:

ALS Bottle#:

10

Worklist Smp#: 10

Injection Vol: 5.0 ul

Dil. Factor:

1.0000

Method: 8270_Iso

Limit Group:

MSS 8270 Isotope Dilution IS

Column: Rtxi-5Sil MS (0.25 mm)

Detector

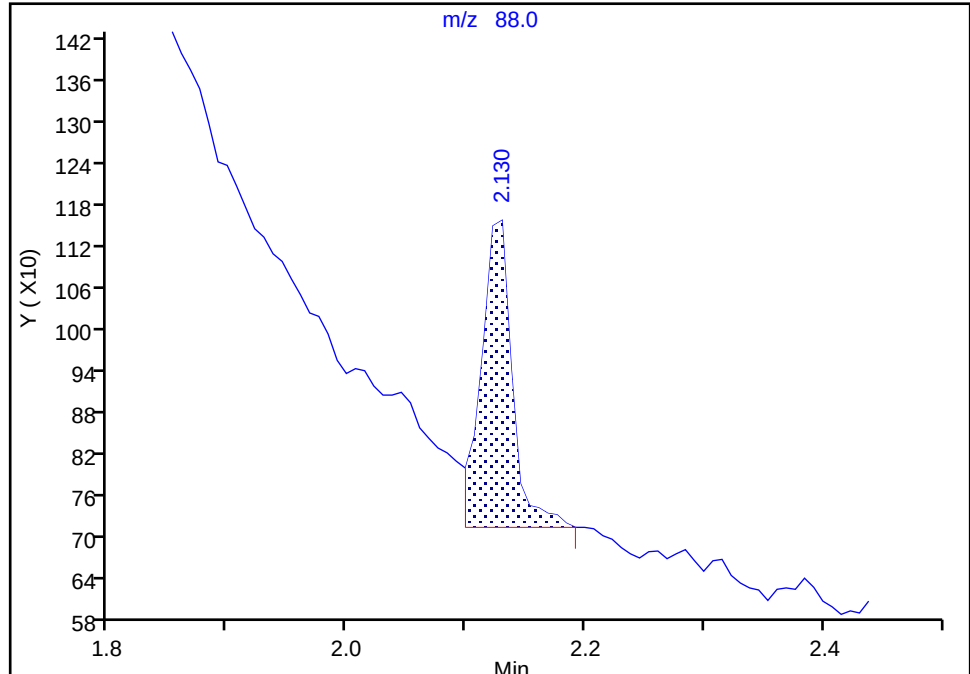
MS SCAN

2 1,4-Dioxane, CAS: 123-91-1

Signal: 1

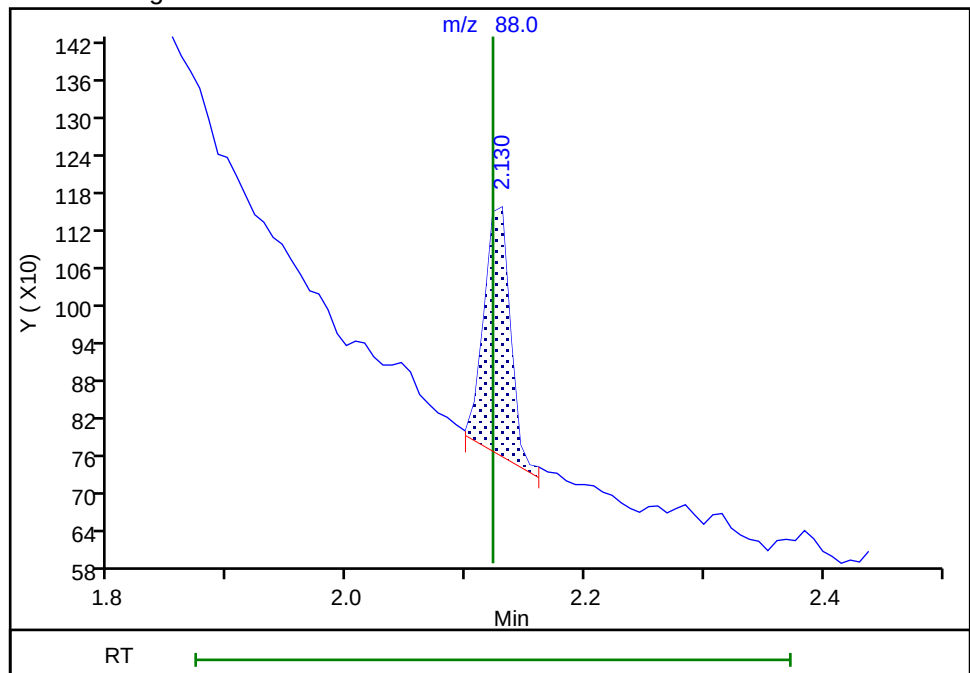
RT: 2.13
Area: 809
Amount: 0.025724
Amount Units: ug/ml

Processing Integration Results



RT: 2.13
Area: 604
Amount: 0.020417
Amount Units: ug/ml

Manual Integration Results



Reviewer: nimerd, 25-Mar-2022 10:07:46

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Calibration

/ 1,4-Dioxane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: IsoDil
 Response Base: AREA
 RF Rounding: 0

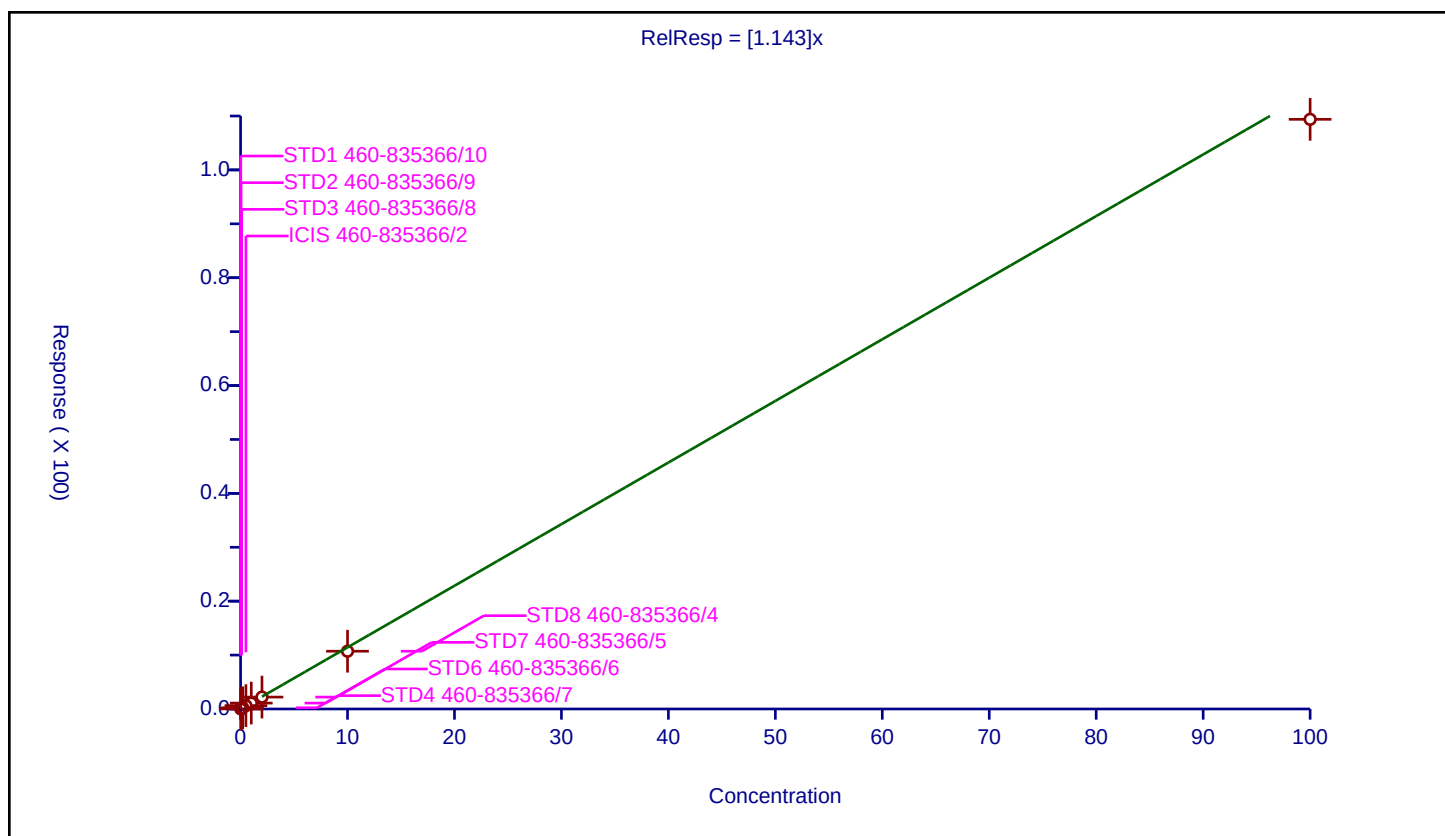
Curve Coefficients

Intercept: 0
 Slope: 1.143

Error Coefficients

Standard Error: 900000
 Relative Standard Error: 5.6
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	STD1 460-835366/10	0.02	0.023334	4.0	103538.0	1.166721	Y
2	STD2 460-835366/9	0.04	0.046197	4.0	106153.0	1.154937	Y
3	STD3 460-835366/8	0.1	0.122721	4.0	104758.0	1.227209	Y
4	STD4 460-835366/7	0.2	0.222915	4.0	108472.0	1.114573	Y
5	ICIS 460-835366/2	0.5	0.628182	4.0	96074.0	1.256365	Y
6	STD6 460-835366/6	1.0	1.096542	4.0	105156.0	1.096542	Y
7	STD7 460-835366/5	2.0	2.208757	4.0	104102.0	1.104378	Y
8	STD8 460-835366/4	10.0	10.716391	4.0	109806.0	1.071639	Y
9	STD9 460-835366/3	100.0	109.384098	4.0	92453.0	1.093841	Y



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-267943-1
SDG No.: _____
Lab Sample ID: ICV 460-835366/11 Calibration Date: 03/24/2022 23:36
Instrument ID: CBNAMS9 Calib Start Date: 03/24/2022 21:12
GC Column: Rtxi-5Sil MS ID: 0.25 (mm) Calib End Date: 03/24/2022 23:20
Lab File ID: h270921.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	AveID	1.143	1.402		245	200	22.7	50.0
1,4-Dioxane-d8	Ave	0.2340	0.2606		4450	4000	11.4	50.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20220324-143164.b\h270921.d
 Lims ID: icv
 Client ID:
 Sample Type: ICV
 Inject. Date: 24-Mar-2022 23:36:30 ALS Bottle#: 11 Worklist Smp#: 11
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0143164-011
 Operator ID: Instrument ID: CBNAMS9
 Sublist:
 Method: \\chromfs\Edison\ChromData\CBNAMS9\20220324-143164.b\8270_Iso.m
 Limit Group: MSS 8270 Isotope Dilution IS
 Last Update: 25-Mar-2022 10:11:04 Calib Date: 24-Mar-2022 23:20:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Isotopic Dilution Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20220324-143164.b\h270920.d
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: CTX1659

First Level Reviewer: nimerd

Date: 25-Mar-2022 10:09:08

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
D 1 1,4-Dioxane-d8	96	2.092	2.084	0.008	3	112720	4.00	4.45	
2 1,4-Dioxane	88	2.122	2.115	0.007	19	7902	0.2000	0.2453	
* 4 1,4-Dichlorobenzene-d4	150	5.693	5.693	0.000	1	21628	0.2000	0.2000	

QC Flag Legend

Processing Flags

Reagents:

SM_SIMICV_LVI_00033

Amount Added: 1.00

Units: mL

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20220324-143164.b\h270921.d

Injection Date: 24-Mar-2022 23:36:30

Instrument ID: CBNAMS9

Operator ID:

Lims ID: icv

Worklist Smp#: 11

Client ID:

Injection Vol: 5.0 ul

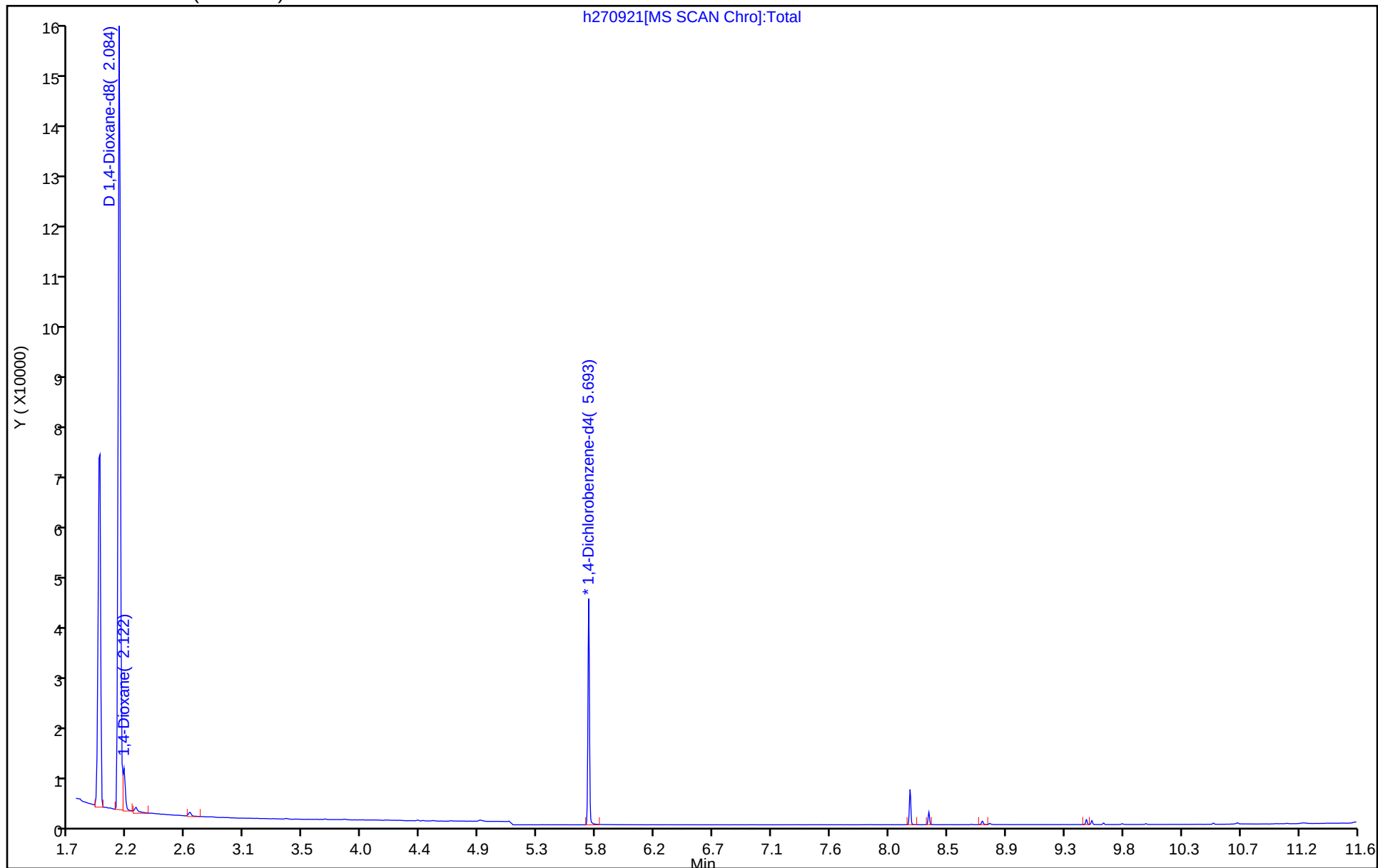
Dil. Factor: 1.0000

ALS Bottle#: 11

Method: 8270_Iso

Limit Group: MSS 8270 Isotope Dilution IS

Column: Rtxi-5Sil MS (0.25 mm)



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-267943-1
SDG No.: _____
Lab Sample ID: CCVIS 460-873640/2 Calibration Date: 10/23/2022 15:37
Instrument ID: CBNAMS9 Calib Start Date: 03/24/2022 21:12
GC Column: Rtxi-5Sil MS ID: 0.25 (mm) Calib End Date: 03/24/2022 23:20
Lab File ID: 273924.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	AveID	1.143	1.210		529	500	5.9	50.0
1,4-Dioxane-d8	Ave	0.2340	0.1893		3240	4000	-19.1	50.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20221023-152154.b\273924.D
 Lims ID: CCVIS
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 23-Oct-2022 15:37:30 ALS Bottle#: 2 Worklist Smp#: 2
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0152154-002
 Operator ID: Instrument ID: CBNAMS9
 Sublist: chrom-8270_Iso*sub1
 Method: \\chromfs\Edison\ChromData\CBNAMS9\20221023-152154.b\8270_Iso.m
 Limit Group: MSS 8270 Isotope Dilution IS
 Last Update: 27-Oct-2022 08:15:14 Calib Date: 24-Mar-2022 23:20:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Isotopic Dilution Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20220324-143164.b\h270920.d
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: CTX1669

First Level Reviewer: U6BX

Date: 23-Oct-2022 15:51:57

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
D 1 1,4-Dioxane-d8	96	1.953	1.953	0.000	9	100706	4.00	3.24	
2 1,4-Dioxane	88	1.984	1.984	0.000	20	15231	0.5000	0.5293	
* 4 1,4-Dichlorobenzene-d4	150	5.592	5.592	0.000	1	26594	0.2000	0.2000	

QC Flag Legend

Processing Flags

Reagents:

SM_ISOTOPL5_00009

Amount Added: 1.00

Units: mL

Report Date: 27-Oct-2022 08:15:15

Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20221023-152154.b\273924.D

Injection Date: 23-Oct-2022 15:37:30

Instrument ID: CBNAMS9

Operator ID:

Lims ID: CCVIS

Worklist Smp#: 2

Client ID:

Injection Vol: 5.0 ul

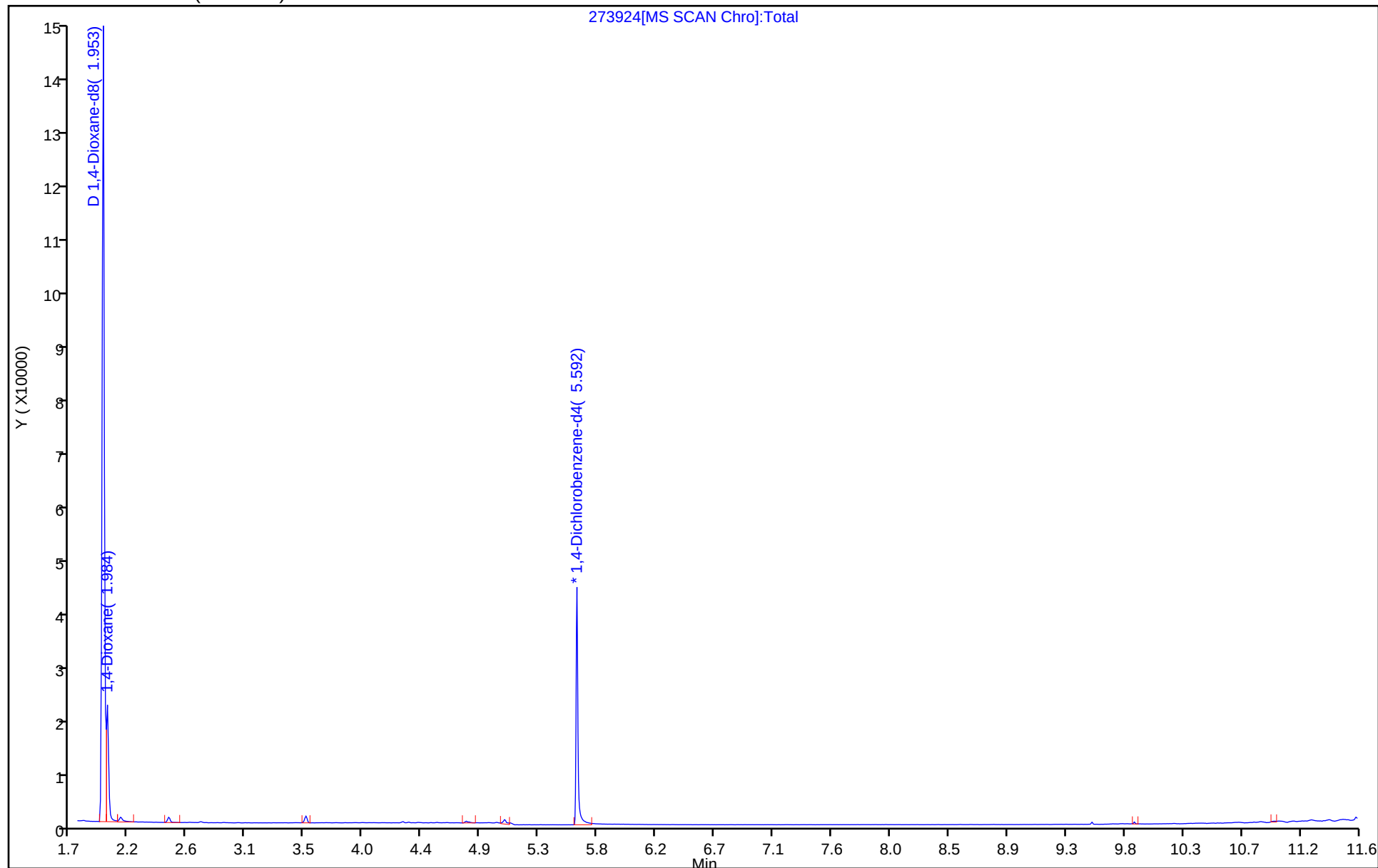
Dil. Factor: 1.0000

ALS Bottle#: 2

Method: 8270_Iso

Limit Group: MSS 8270 Isotope Dilution IS

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20220324-143164.b\h270911.d
 Lims ID: DFTPP
 Client ID:
 Sample Type: DFTPP
 Inject. Date: 24-Mar-2022 21:00:30 ALS Bottle#: 1 Worklist Smp#: 1
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0143164-001
 Operator ID: Instrument ID: CBNAMS9
 Method: \\chromfs\Edison\ChromData\CBNAMS9\20220324-143164.b\8270_Iso.m
 Limit Group: MSS 8270 Isotope Dilution IS
 Last Update: 25-Mar-2022 10:11:18 Calib Date: 24-Mar-2022 23:20:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Isotopic Dilution Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20220324-143164.b\h270920.d
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: CTX1659

First Level Reviewer: nimerd

Date: 25-Mar-2022 10:11:00

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags

3 DFTPP

Reagents:

SMDFTP_CH_00034

Amount Added: 1.00

Units: mL

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20220324-143164.b\h270911.d

Injection Date: 24-Mar-2022 21:00:30

Instrument ID: CBNAMS9

Lims ID: DFTPP

Client ID:

Operator ID:

ALS Bottle#:

1

Worklist Smp#:

1

Injection Vol: 5.0 ul

Dil. Factor:

1.0000

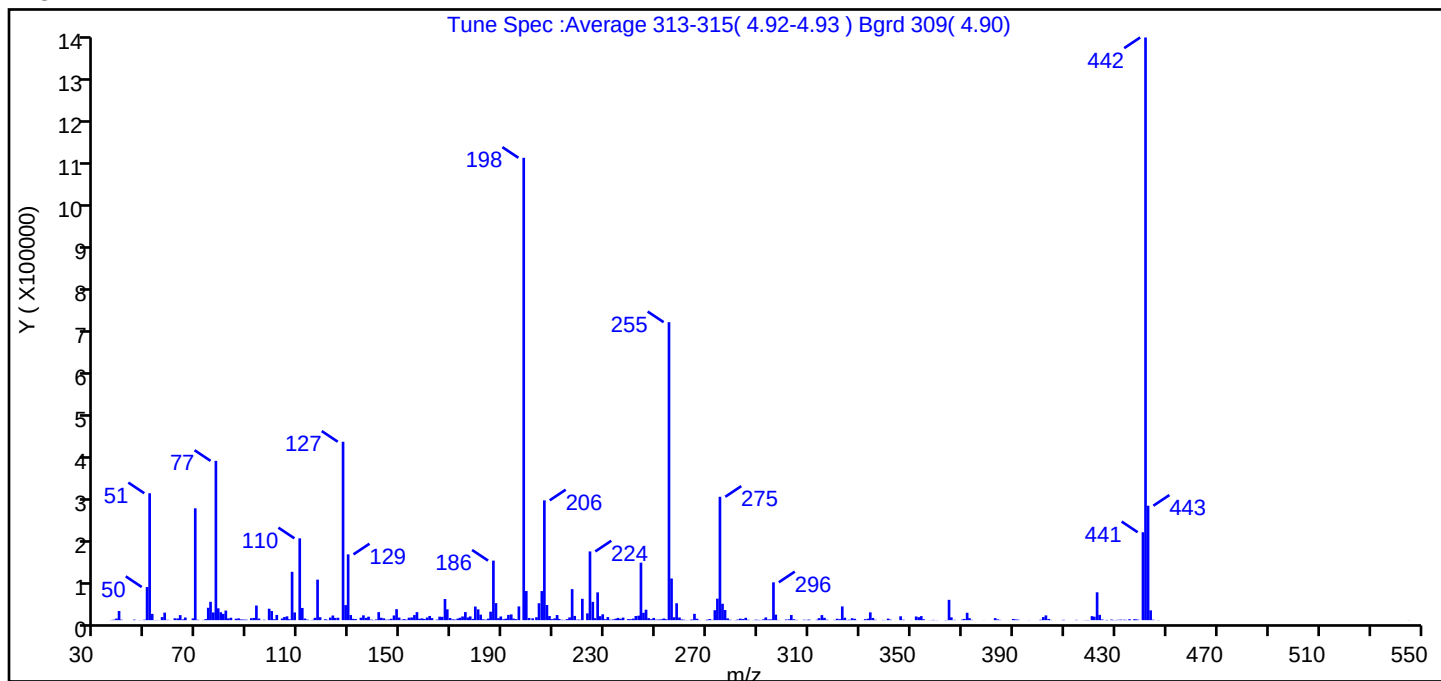
Method: 8270_Iso

Limit Group:

MSS 8270 Isotope Dilution IS

Tune Method: DFTPP Method 8270E, BP 198

3 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base peak or present	100.0
68	<2% of m/z 69	0.4 (1.5)
69	Present	24.2
70	<2% of m/z 69	0.1 (0.4)
197	<2% of m/z 198	0.0
199	5-9% of m/z 198	6.3
365	>1% of m/z 198	4.4
441	<150% of m/z 443	19.0 (76.8)
442	Present	126.0
443	15-24% of m/z 442	24.8 (19.6)

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20220324-143164.b\h270911.d\8270_Iso.rslt\spectra.d
Injection Date: 24-Mar-2022 21:00:30
Spectrum: Tune Spec :Average 313-315(4.92-4.93) Bgrd 309(4.90)
Base Peak: 441.90
Minimum % Base Peak: 0
Number of Points: 341

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	431	138.00	1189	227.00	63120	325.00	561
37.00	1213	139.00	451	228.00	9023	326.00	996
38.00	3624	140.00	1466	229.00	13253	327.00	4330
39.00	20696	141.00	18224	230.00	2155	328.00	3085
40.00	1008	142.00	5346	231.00	6938	329.00	186
45.00	1197	143.00	4052	232.00	1069	331.00	189
47.00	220	144.00	939	233.00	1657	332.00	2360
48.00	194	145.00	1280	234.00	3260	333.00	3289
49.00	1130	146.00	3070	235.00	5081	334.00	17696
50.00	75224	147.00	10650	236.00	3129	335.00	4971
51.00	288384	148.00	24984	237.00	5848	336.00	860
52.00	14206	149.00	5817	239.00	2279	339.00	553
53.00	314	150.00	1012	240.00	2126	340.00	202
54.00	423	151.00	2393	241.00	3526	341.00	3452
55.00	183	152.00	1087	242.00	9358	342.00	1061
56.00	6912	153.00	5569	243.00	10203	346.00	8739
57.00	17056	154.00	6054	244.00	130672	347.00	1011
58.00	813	155.00	11582	245.00	16752	350.00	234
59.00	222	156.00	18184	246.00	23712	352.00	8328
61.00	4177	157.00	3276	247.00	4622	353.00	6715
62.00	3858	158.00	4039	248.00	2114	354.00	9128
63.00	11389	159.00	2681	249.00	5043	355.00	2064
64.00	1835	160.00	5921	250.00	1172	357.00	190
65.00	5945	161.00	9539	251.00	1440	358.00	269
68.00	3911	162.00	4558	252.00	1963	359.00	610
69.00	254080	163.00	29	253.00	3739	360.00	303
70.00	905	164.00	1230	254.00	2034	363.00	213
72.00	495	165.00	7895	255.00	677056	364.00	382
73.00	2320	166.00	7475	256.00	94640	365.00	46152
74.00	28112	167.00	48000	257.00	6524	366.00	6343
75.00	41696	168.00	24616	258.00	38328	367.00	670
76.00	17512	169.00	4818	259.00	6002	370.00	1295
77.00	361920	170.00	1792	260.00	1486	371.00	2718

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20220324-143164.b\h270911.d\8270_Iso.rslt\spectra.d

Injection Date: 24-Mar-2022 21:00:30

Spectrum: Tune Spec :Average 313-315(4.92-4.93) Bgrd 309(4.90)

Base Peak: 441.90

Minimum % Base Peak: 0

Number of Points: 341

m/z	Y	m/z	Y	m/z	Y	m/z	Y
78.00	26888	171.00	1168	261.00	1057	372.00	16760
79.00	18008	172.00	3497	262.00	319	373.00	4472
80.00	14191	173.00	5374	264.00	920	374.00	657
81.00	21752	174.00	8324	264.00	964	378.00	195
82.00	3924	175.00	18336	265.00	14345	383.00	4584
83.00	5420	176.00	6007	266.00	3148	384.00	1711
84.00	60	177.00	8496	267.00	217	385.00	546
85.00	3238	178.00	2844	270.00	419	390.00	2726
86.00	4041	179.00	30904	270.00	1089	391.00	1696
87.00	1622	180.00	24432	271.00	2388	392.00	1191
88.00	1270	181.00	12476	272.00	668	396.00	233
89.00	1139	182.00	1880	273.00	22616	400.00	193
91.00	4452	183.00	1102	274.00	48872	401.00	1030
92.00	5078	184.00	3444	275.00	280320	402.00	6851
93.00	33176	185.00	19248	276.00	37296	403.00	10771
94.00	3562	186.00	135232	277.00	23016	404.00	2790
95.00	164	187.00	38656	278.00	4065	405.00	517
96.00	961	188.00	4422	279.00	945	409.00	239
98.00	25960	189.00	8327	281.00	289	410.00	777
99.00	20720	190.00	1993	282.00	1383	415.00	709
100.00	2125	191.00	3340	283.00	3411	418.00	186
101.00	11826	192.00	11910	284.00	2480	418.00	222
103.00	3705	193.00	13050	285.00	5289	419.00	335
104.00	7054	194.00	3459	286.00	914	420.00	208
105.00	8642	195.00	2343	288.00	205	421.00	9098
106.00	2090	196.00	31248	289.00	1199	422.00	7825
107.00	109816	198.00	1050624	290.00	591	423.00	63272
108.00	17552	199.00	66144	291.00	493	424.00	11980
110.00	185920	200.00	5068	292.00	1872	425.00	1583
111.00	27720	201.00	4156	293.00	6185	427.00	501
112.00	3679	203.00	6587	294.00	1590	427.00	260
113.00	1228	204.00	38424	295.00	1771	428.00	1163
114.00	220	205.00	66160	296.00	86000	429.00	491
115.00	786	206.00	272192	297.00	12526	430.00	343

Report Date: 25-Mar-2022 10:11:18

Chrom Revision: 2.3 18-Mar-2022 09:07:22

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20220324-143164.b\h270911.d\8270_Iso.rslt\spectra.d

Injection Date: 24-Mar-2022 21:00:30

Spectrum: Tune Spec :Average 313-315(4.92-4.93) Bgrd 309(4.90)

Base Peak: 441.90

Minimum % Base Peak: 0

Number of Points: 341

m/z	Y	m/z	Y	m/z	Y	m/z	Y
116.00	5304	207.00	34360	298.00	581	431.00	797
117.00	92048	208.00	9294	301.00	1524	432.00	1265
118.00	6640	209.00	2392	302.00	1827	433.00	949
120.00	2066	210.00	3953	303.00	11605	434.00	711
121.00	839	211.00	11641	304.00	2075	436.00	1972
122.00	5822	212.00	2795	305.00	664	436.00	436
123.00	10552	213.00	820	308.00	984	437.00	1693
124.00	5014	214.00	621	309.00	813	438.00	1881
125.00	5465	215.00	2339	310.00	1147	439.00	1190
127.00	405440	216.00	6200	313.00	920	441.00	199808
128.00	34280	217.00	70480	314.00	4512	442.00	1324032
129.00	149440	218.00	9586	315.00	11437	443.00	260032
130.00	11576	219.00	1134	316.00	5343	444.00	22272
131.00	2952	220.00	987	317.00	972	445.00	981
132.00	2571	221.00	48504	320.00	529	447.00	351
134.00	5562	223.00	15431	321.00	3204	545.00	204
135.00	10955	224.00	156160	322.00	2245		
136.00	5180	225.00	41576	323.00	31224		
137.00	7854	226.00	4366	324.00	5385		

Report Date: 25-Mar-2022 10:11:18

Chrom Revision: 2.3 18-Mar-2022 09:07:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20220324-143164.b\h270911.d

Injection Date: 24-Mar-2022 21:00:30

Instrument ID: CBNAMS9

Operator ID:

Lims ID: DFTPP

Worklist Smp#: 1

Client ID:

Injection Vol: 5.0 ul

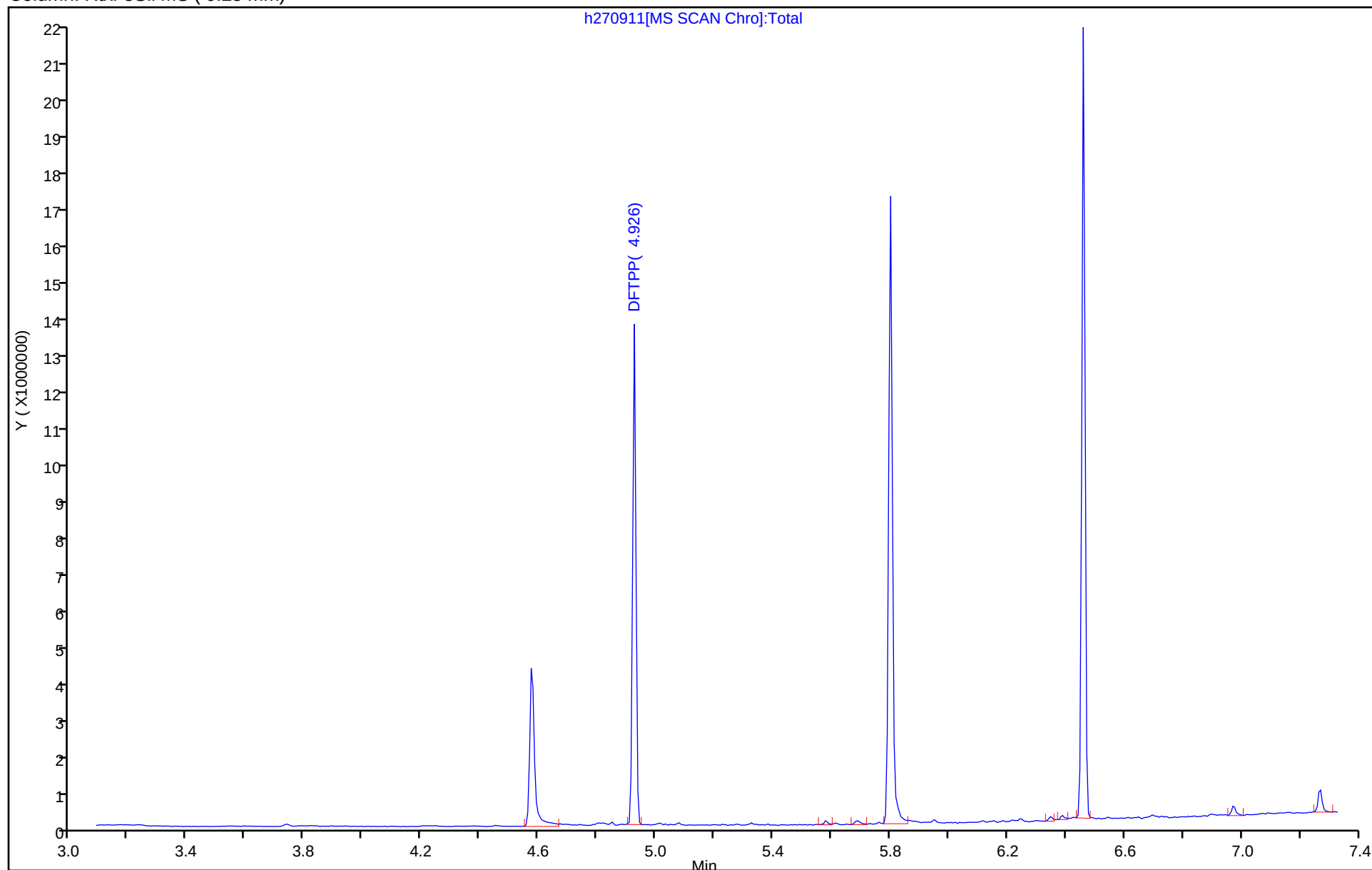
Dil. Factor: 1.0000

ALS Bottle#: 1

Method: 8270_Iso

Limit Group: MSS 8270 Isotope Dilution IS

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-267943-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-873482/1-A
 Matrix: Water Lab File ID: 273925.D
 Analysis Method: 8270E SIM ID Date Collected: _____
 Extract. Method: 3510C Date Extracted: 10/22/2022 10:40
 Sample wt/vol: 250 (mL) Date Analyzed: 10/23/2022 15:58
 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.: 873640 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	0.072	U	0.20	0.072

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
17647-74-4	1,4-Dioxane-d8	33		10-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20221023-152154.b\273925.D
 Lims ID: MB 460-873482/1-A
 Client ID:
 Sample Type: MB
 Inject. Date: 23-Oct-2022 15:58:30 ALS Bottle#: 3 Worklist Smp#: 3
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0152154-003
 Operator ID: Instrument ID: CBNAMS9
 Method: \\chromfs\Edison\ChromData\CBNAMS9\20221023-152154.b\8270_Iso.m
 Limit Group: MSS 8270 Isotope Dilution IS
 Last Update: 23-Oct-2022 17:22:58 Calib Date: 24-Mar-2022 23:20:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Isotopic Dilution Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20220324-143164.b\h270920.d
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: CTX1601

First Level Reviewer: khlungprakhons

Date: 24-Oct-2022 06:56:51

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
D 1 1,4-Dioxane-d8	96	1.953	1.953	0.000	13	39505	4.00	1.32	
* 4 1,4-Dichlorobenzene-d4	150	5.592	5.592	0.000	1	25610	0.2000	0.2000	

QC Flag Legend

Processing Flags

Reagents:

SM_iso_d4istd_00009

Amount Added: 20.00

Units: uL

Run Reagent

Report Date: 24-Oct-2022 06:56:52

Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20221023-152154.b\273925.D

Injection Date: 23-Oct-2022 15:58:30

Instrument ID: CBNAMS9

Operator ID:

Lims ID: MB 460-873482/1-A

Worklist Smp#: 3

Client ID:

Injection Vol: 5.0 ul

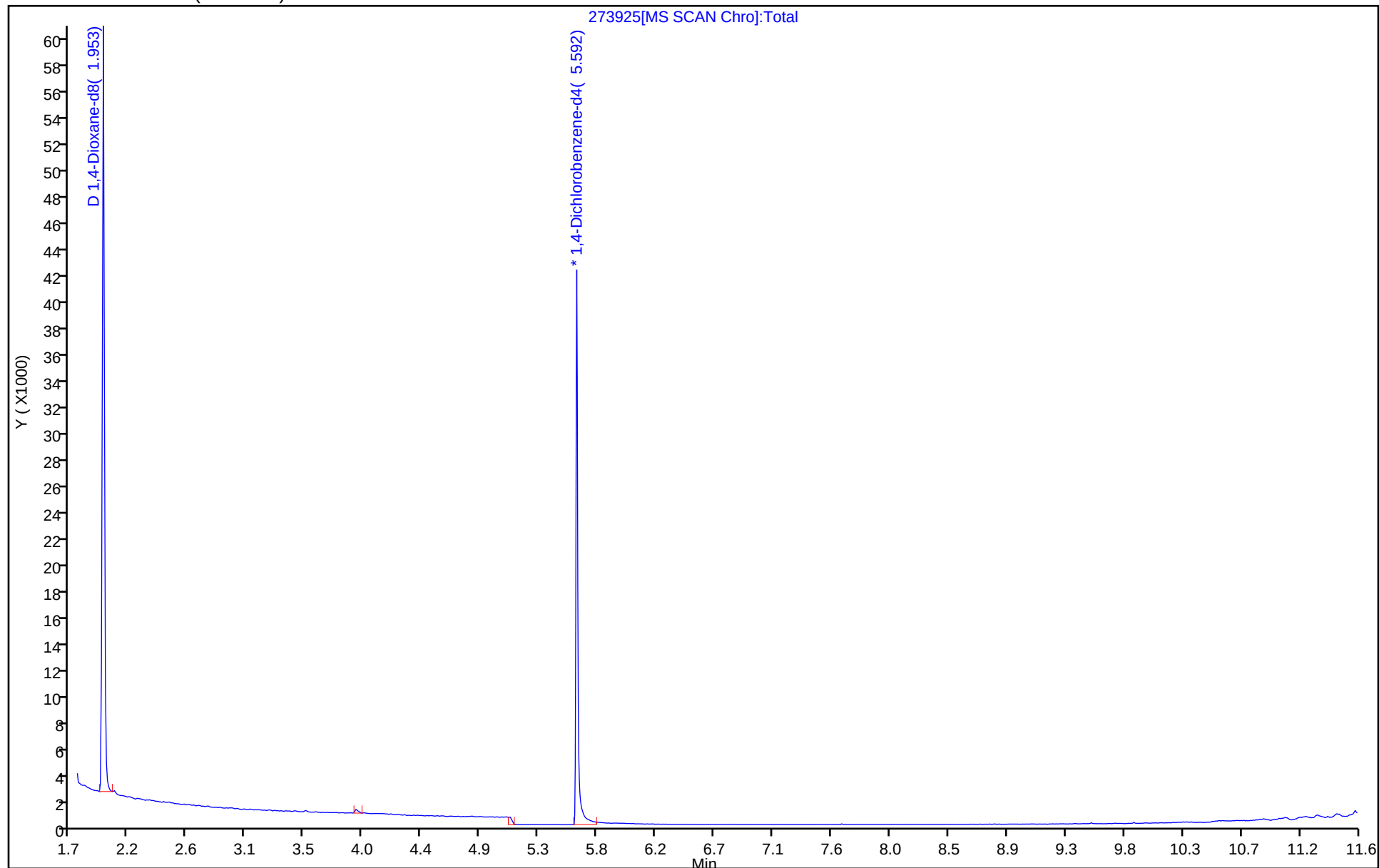
Dil. Factor: 1.0000

ALS Bottle#: 3

Method: 8270_Iso

Limit Group: MSS 8270 Isotope Dilution IS

Column: Rtxi-5Sil MS (0.25 mm)



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20221023-152154.b\273925.D

Injection Date: 23-Oct-2022 15:58:30

Instrument ID: CBNAMS9

Lims ID: MB 460-873482/1-A

Client ID:

Operator ID:

ALS Bottle#:

3

Worklist Smp#:

3

Injection Vol: 5.0 ul

Dil. Factor:

1.0000

Method: 8270_Iso

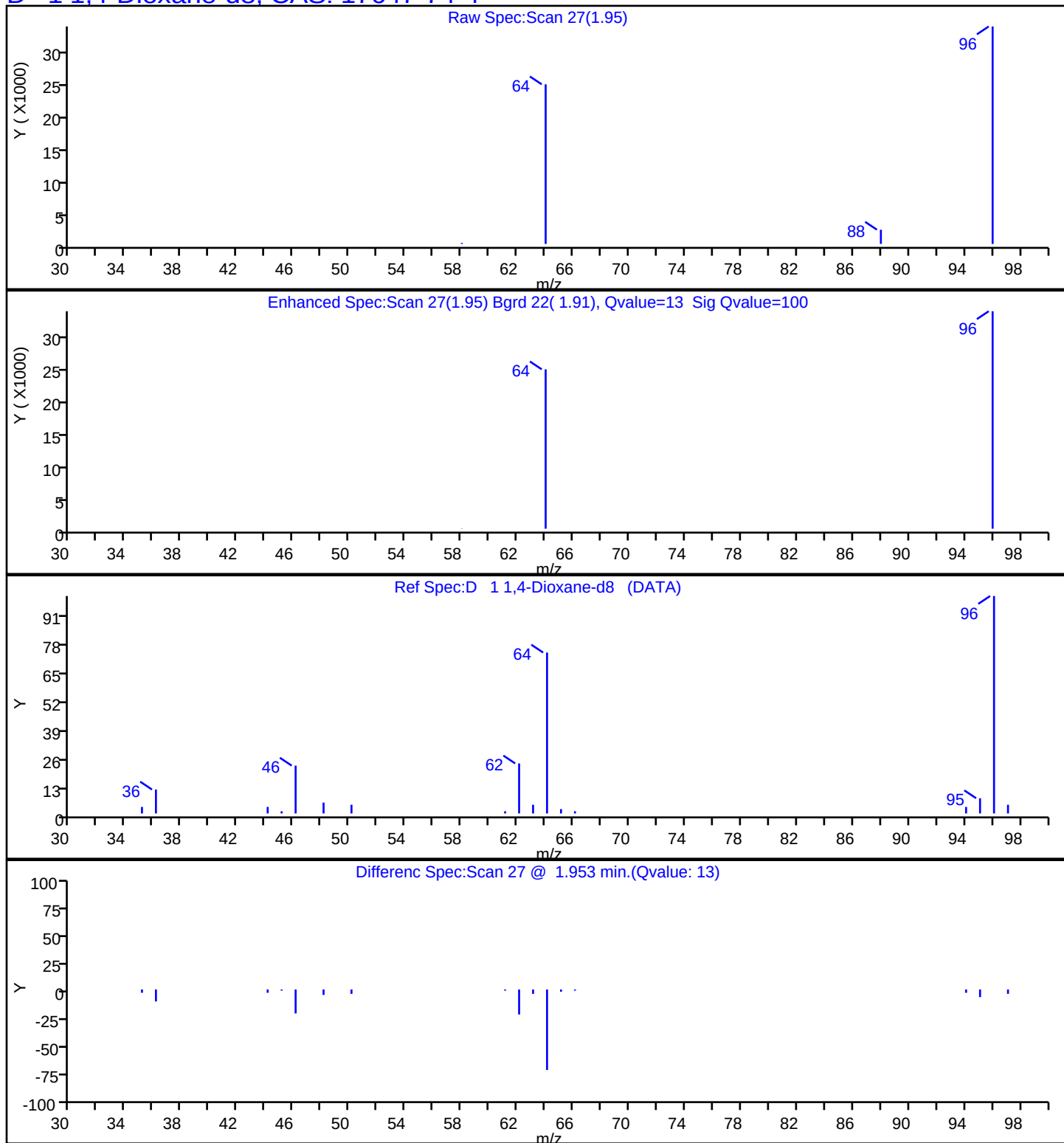
Limit Group:

MSS 8270 Isotope Dilution IS

Column: Rtxi-5Sil MS (0.25 mm)

Detector

MS SCAN

D 1 1,4-Dioxane-d8, CAS: 17647-74-4

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-267943-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-873482/2-A
 Matrix: Water Lab File ID: 273926.D
 Analysis Method: 8270E SIM ID Date Collected: _____
 Extract. Method: 3510C Date Extracted: 10/22/2022 10:40
 Sample wt/vol: 250 (mL) Date Analyzed: 10/23/2022 16:14
 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.: 873640 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	1.53		0.20	0.072

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
17647-74-4	1,4-Dioxane-d8	34		10-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20221023-152154.b\273926.D
 Lims ID: LCS 460-873482/2-A
 Client ID:
 Sample Type: LCS
 Inject. Date: 23-Oct-2022 16:14:30 ALS Bottle#: 4 Worklist Smp#: 4
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0152154-004
 Operator ID: Instrument ID: CBNAMS9
 Method: \\chromfs\Edison\ChromData\CBNAMS9\20221023-152154.b\8270_Iso.m
 Limit Group: MSS 8270 Isotope Dilution IS
 Last Update: 24-Oct-2022 06:59:21 Calib Date: 24-Mar-2022 23:20:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Isotopic Dilution Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20220324-143164.b\h270920.d
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: CTX1601

First Level Reviewer: khlungprakhons

Date: 24-Oct-2022 06:59:21

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
D 1 1,4-Dioxane-d8	96	1.961	1.953	0.008	5	40785	4.00	1.38	
2 1,4-Dioxane	88	1.991	1.992	0.007	18	2234	0.2000	0.1917	
* 4 1,4-Dichlorobenzene-d4	150	5.592	5.592	0.000	1	25261	0.2000	0.2000	

QC Flag Legend

Processing Flags

Reagents:

SM_iso_d4istd_00009

Amount Added: 20.00

Units: uL

Run Reagent

Report Date: 24-Oct-2022 06:59:22

Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20221023-152154.b\273926.D

Injection Date: 23-Oct-2022 16:14:30

Instrument ID: CBNAMS9

Operator ID:

Lims ID: LCS 460-873482/2-A

Worklist Smp#: 4

Client ID:

Injection Vol: 5.0 ul

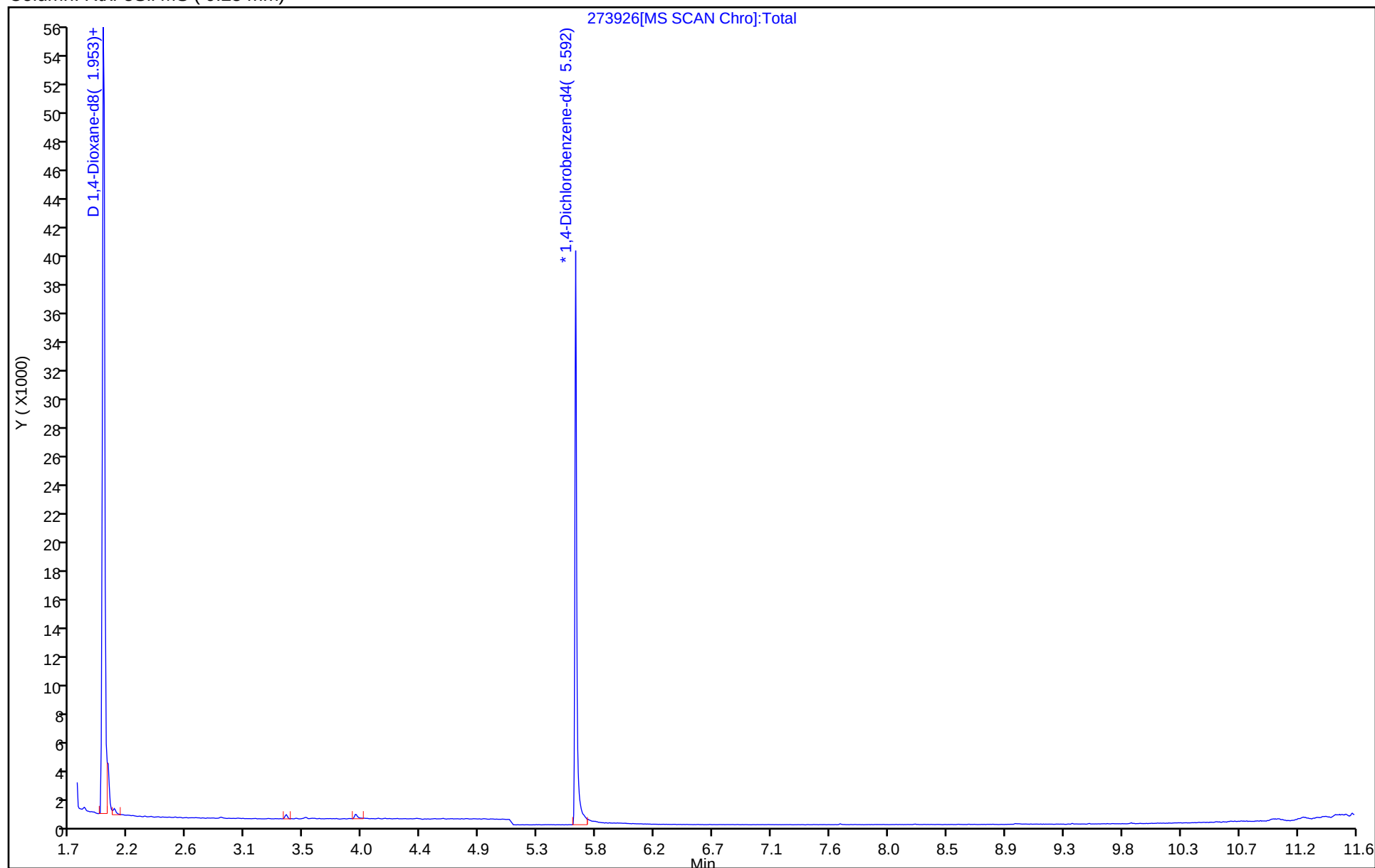
Dil. Factor: 1.0000

ALS Bottle#: 4

Method: 8270_Iso

Limit Group: MSS 8270 Isotope Dilution IS

Column: Rtxi-5Sil MS (0.25 mm)



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-267943-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCSD 460-873482/3-A
 Matrix: Water Lab File ID: 273927.D
 Analysis Method: 8270E SIM ID Date Collected: _____
 Extract. Method: 3510C Date Extracted: 10/22/2022 10:40
 Sample wt/vol: 250 (mL) Date Analyzed: 10/23/2022 16:30
 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.: 873640 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
123-91-1	1,4-Dioxane	1.77		0.20	0.072

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
17647-74-4	1,4-Dioxane-d8	32		10-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20221023-152154.b\273927.D
 Lims ID: LCSD 460-873482/3-A
 Client ID:
 Sample Type: LCSD
 Inject. Date: 23-Oct-2022 16:30:30 ALS Bottle#: 5 Worklist Smp#: 5
 Injection Vol: 5.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0152154-005
 Operator ID: Instrument ID: CBNAMS9
 Method: \\chromfs\Edison\ChromData\CBNAMS9\20221023-152154.b\8270_Iso.m
 Limit Group: MSS 8270 Isotope Dilution IS
 Last Update: 24-Oct-2022 06:59:21 Calib Date: 24-Mar-2022 23:20:30
 Integrator: RTE ID Type: RT Order ID
 Quant Method: Isotopic Dilution Quant By: Initial Calibration
 Last ICal File: \\chromfs\Edison\ChromData\CBNAMS9\20220324-143164.b\h270920.d
 Column 1 : Rtxi-5Sil MS (0.25 mm) Det: MS SCAN
 Process Host: CTX1601

First Level Reviewer: khlungprakhons

Date: 24-Oct-2022 07:01:06

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
D 1 1,4-Dioxane-d8	96	1.961	1.953	0.008	7	39273	4.00	1.29	
2 1,4-Dioxane	88	1.991	1.992	0.007	22	2481	0.2000	0.2211	
* 4 1,4-Dichlorobenzene-d4	150	5.592	5.592	0.000	1	25962	0.2000	0.2000	

QC Flag Legend

Processing Flags

Reagents:

SM_iso_d4istd_00009

Amount Added: 20.00

Units: uL

Run Reagent

Report Date: 24-Oct-2022 07:01:06

Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS9\20221023-152154.b\273927.D

Injection Date: 23-Oct-2022 16:30:30

Instrument ID: CBNAMS9

Operator ID:

Lims ID: LCSD 460-873482/3-A

Worklist Smp#: 5

Client ID:

Injection Vol: 5.0 ul

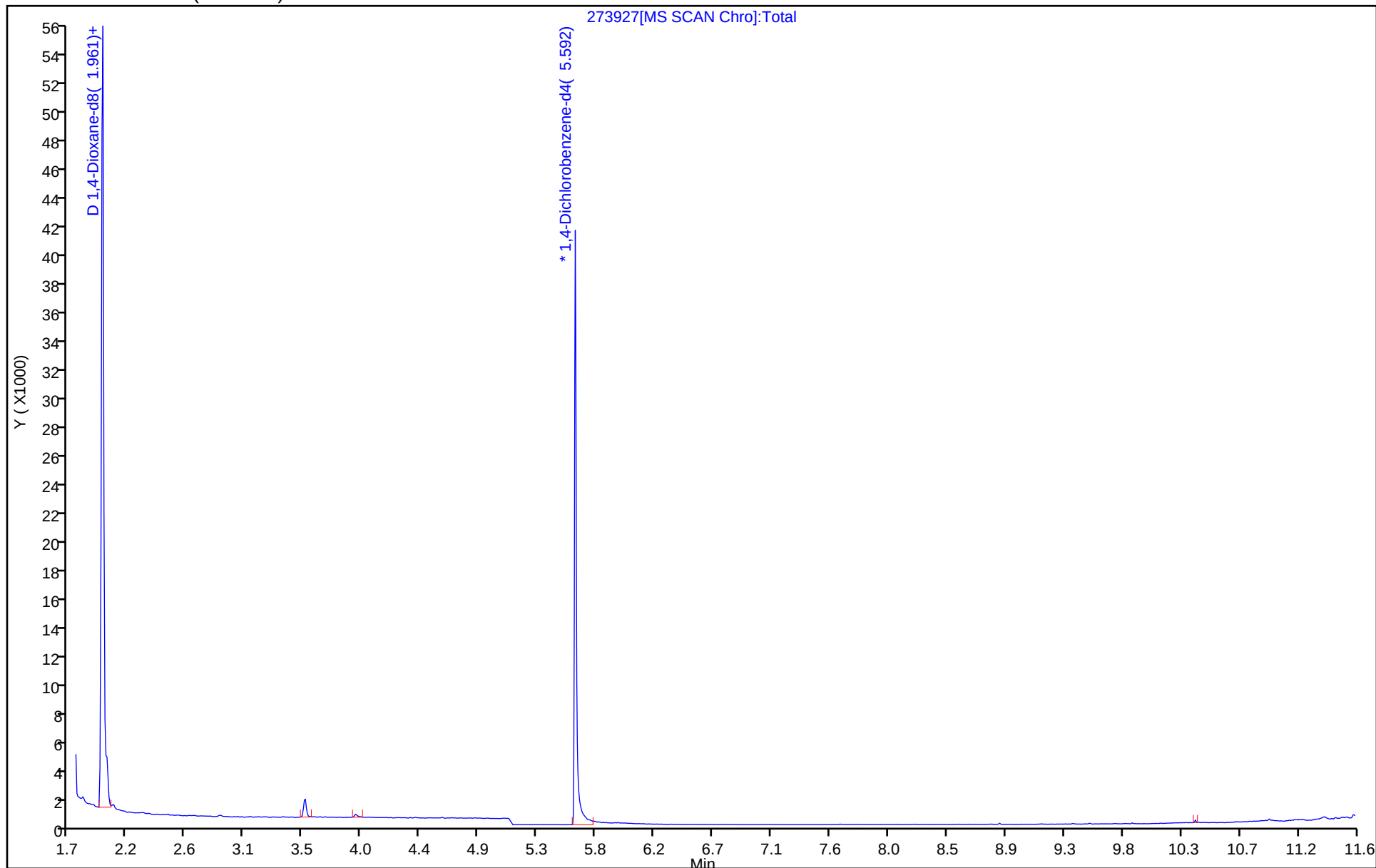
Dil. Factor: 1.0000

ALS Bottle#: 5

Method: 8270_Iso

Limit Group: MSS 8270 Isotope Dilution IS

Column: Rtxi-5Sil MS (0.25 mm)



GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-267943-1

SDG No.: _____

Instrument ID: CBNAMS9 Start Date: 03/24/2022 21:00Analysis Batch Number: 835366 End Date: 03/24/2022 23:36

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-835366/1		03/24/2022 21:00	1	h270911.d	Rtxi-5Sil MS 0.25 (mm)
ICIS 460-835366/2		03/24/2022 21:12	1	h270912.d	Rtxi-5Sil MS 0.25 (mm)
STD9 460-835366/3 IC		03/24/2022 21:28	1	h270913.d	Rtxi-5Sil MS 0.25 (mm)
STD8 460-835366/4 IC		03/24/2022 21:44	1	h270914.d	Rtxi-5Sil MS 0.25 (mm)
STD7 460-835366/5 IC		03/24/2022 22:00	1	h270915.d	Rtxi-5Sil MS 0.25 (mm)
STD6 460-835366/6 IC		03/24/2022 22:16	1	h270916.d	Rtxi-5Sil MS 0.25 (mm)
STD4 460-835366/7 IC		03/24/2022 22:32	1	h270917.d	Rtxi-5Sil MS 0.25 (mm)
STD3 460-835366/8 IC		03/24/2022 22:48	1	h270918.d	Rtxi-5Sil MS 0.25 (mm)
STD2 460-835366/9 IC		03/24/2022 23:04	1	h270919.d	Rtxi-5Sil MS 0.25 (mm)
STD1 460-835366/10 IC		03/24/2022 23:20	1	h270920.d	Rtxi-5Sil MS 0.25 (mm)
ICV 460-835366/11		03/24/2022 23:36	1	h270921.d	Rtxi-5Sil MS 0.25 (mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-267943-1

SDG No.: _____

Instrument ID: CBNAMS9 Start Date: 10/23/2022 15:37Analysis Batch Number: 873640 End Date: 10/23/2022 19:09

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-873640/2		10/23/2022 15:37	1	273924.D	Rtxi-5Sil MS 0.25 (mm)
MB 460-873482/1-A		10/23/2022 15:58	1	273925.D	Rtxi-5Sil MS 0.25 (mm)
LCS 460-873482/2-A		10/23/2022 16:14	1	273926.D	Rtxi-5Sil MS 0.25 (mm)
LCSD 460-873482/3-A		10/23/2022 16:30	1	273927.D	Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		10/23/2022 16:46	1		Rtxi-5Sil MS 0.25 (mm)
460-267943-1	MW-104	10/23/2022 17:02	1	273929.D	Rtxi-5Sil MS 0.25 (mm)
460-267943-2	DUP	10/23/2022 17:18	1	273930.D	Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		10/23/2022 17:34	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		10/23/2022 17:50	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		10/23/2022 18:06	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		10/23/2022 18:21	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		10/23/2022 18:37	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		10/23/2022 18:53	1		Rtxi-5Sil MS 0.25 (mm)
ZZZZZ		10/23/2022 19:09	1		Rtxi-5Sil MS 0.25 (mm)

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-267943-1

SDG No.: _____

Batch Number: 835366 Batch Start Date: 03/24/22 21:00 Batch Analyst: Nimer, DiaaBatch Method: 8270E SIM ID Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	SM_ISOTOPL1 00008	SM_ISOTOPL2 00007	SM_ISOTOPL3 00007	SM_ISOTOPL4 00007	SM_ISOTOPL5 00008	SM_ISOTOPL6 00008
DFTPP 460-835366/1		8270E SIM ID							
ICIS 460-835366/2		8270E SIM ID						1 mL	
STD9 460-835366/3 IC		8270E SIM ID							
STD8 460-835366/4 IC		8270E SIM ID							
STD7 460-835366/5 IC		8270E SIM ID							
STD6 460-835366/6 IC		8270E SIM ID							1 mL
STD4 460-835366/7 IC		8270E SIM ID					1 mL		
STD3 460-835366/8 IC		8270E SIM ID				1 mL			
STD2 460-835366/9 IC		8270E SIM ID			1 mL				
STD1 460-835366/10 IC		8270E SIM ID		1 mL					
ICV 460-835366/11		8270E SIM ID							

Lab Sample ID	Client Sample ID	Method Chain	Basis	SM_ISOTOPL7 00007	SM_ISOTOPL8 00007	SM_ISOTOPL9 00002	SM_SIMICV_LVI 00033	SMDFTP_CH 00034	
DFTPP 460-835366/1		8270E SIM ID						1 mL	
ICIS 460-835366/2		8270E SIM ID							
STD9 460-835366/3 IC		8270E SIM ID				1 mL			
STD8 460-835366/4 IC		8270E SIM ID			1 mL				
STD7 460-835366/5 IC		8270E SIM ID		1 mL					
STD6 460-835366/6 IC		8270E SIM ID							
STD4 460-835366/7 IC		8270E SIM ID							
STD3 460-835366/8 IC		8270E SIM ID							

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 SIM ID

Page 1 of 2

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-267943-1

SDG No.: _____

Batch Number: 835366 Batch Start Date: 03/24/22 21:00 Batch Analyst: Nimer, DiaaBatch Method: 8270E SIM ID Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	SM_ISOTOPL7 00007	SM_ISOTOPL8 00007	SM_ISOTOPL9 00002	SM_SIMICV_LVI 00033	SMDFTP_CH 00034	
STD2 460-835366/9 IC		8270E SIM ID							
STD1 460-835366/10 IC		8270E SIM ID							
ICV 460-835366/11		8270E SIM ID					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.

8270E SIM ID

Page 2 of 2

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-267943-1

SDG No.: _____

Batch Number: 873482 Batch Start Date: 10/22/22 10:40 Batch Analyst: Patel, Nehaben MBatch Method: 3510C Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ReceivedpH	FirstAdjustpH	SecondAdjustpH	OP_1,4-DX_SP 00008
MB 460-873482/1		3510C, 8270E SIM ID		250 mL	2 mL	7 SU	<2 SU	>12 SU	
LCS 460-873482/2		3510C, 8270E SIM ID		250 mL	2 mL	7 SU	<2 SU	>12 SU	200 uL
LCSD 460-873482/3		3510C, 8270E SIM ID		250 mL	2 mL	7 SU	<2 SU	>12 SU	200 uL
460-267943-D-1	MW-104	3510C, 8270E SIM ID	T	250 mL	2 mL	7 SU	<2 SU	>12 SU	
460-267943-E-2	DUP	3510C, 8270E SIM ID	T	250 mL	2 mL	7 SU	<2 SU	>12 SU	

Lab Sample ID	Client Sample ID	Method Chain	Basis	OP_14-DX_surr 00013					
MB 460-873482/1		3510C, 8270E SIM ID		20 uL					
LCS 460-873482/2		3510C, 8270E SIM ID		20 uL					
LCSD 460-873482/3		3510C, 8270E SIM ID		20 uL					
460-267943-D-1	MW-104	3510C, 8270E SIM ID	T	20 uL					
460-267943-E-2	DUP	3510C, 8270E SIM ID	T	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 SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-267943-1

SDG No.: _____

Batch Number: 873482 Batch Start Date: 10/22/22 10:40 Batch Analyst: Patel, Nehaben MBatch Method: 3510C Batch End Date: _____

Batch Notes	
Method/Fraction	3510C_LVI / 8270E_ISOTOPE
pH Indicator ID	HC-291590
Analyst ID - Extraction	NP
Analyst ID - Spike Analyst	NP
Analyst ID - Spike Witness Analyst	ZH
Sufficient Volume for Batch QC	Yes
Acid Used for pH Adjustment ID	862016
Base Used to Adjust pH ID	OP3069
Prep Solvent ID	Methylene Chloride: 2062010
Na2SO4 ID	217726
Analyst ID - Concentration	NP
Equipment ID - Concentration 1	31869
Thermometer ID - Concentration 1	31869
Concentration 1 Uncorrected Temperature	35 Degrees C
Concentration 1 Corrected Temperature	35 Degrees C
Vial Lot Number	21086154A
Batch Comment	BNA SIM 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.

8270E SIM ID

Page 2 of 2

Shipping and Receiving Documents

Eurofins TestAmerica, Edison
777 New Durham Road

Edison, NJ 08817-2859
phone 732.549.3900 fax 732.549.3679

Chain of Custody Record

Syracuse Eurofins
Environment Testing
TestAmerica

#225

TestAmerica Laboratories, Inc. d/b/a Eurofins TestAmerica

Regulatory Program ☐ DW ☐ NPDES ☐ RCRA ☒ Other:

Project Manager: Victor Finocchiaro

Your Company : Arcadis U.S., Inc.		Site Contact: Janelle van Lieshout		Date:	
Address : 110 W. Fayette St.		Lab Contact: Kristyn Tempe		Carrier:	
City/State/Zip : Syracuse, NY					
(315) 671-9296					
(xxx) xxx-xxxx					
Project Name: SMC Novak Site					
Site: McDonough, NY					
P O # 30120982					

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Analysis Turnaround Time	
						CALENDAR DAYS	WORKING DAYS
MW-104	10/20/22	1325	G	GW	5	☒ TAT if different from Below	
DUP	10/20/22	1325	G	GW	5	☐ 2 weeks	
Trip Blank						☐ 1 week	
						☐ 2 days	
						☒ 1 day	

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 ☐ Irritant
Special Instructions/QC Requirements & Comments:	

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:
Relinquished by: Matt Sullivan	Company: Arcadis
Relinquished by: R. C. 9/11/21	Company: SMC
Relinquished by:	Company:
Received by: J. C. 9/11/21	Date/Time: 10/20/22 1600
Received by: Angela Carulay	Date/Time: 10/20/22 1900
Received in Laboratory by: J. C. 9/11/21	Date/Time: 10/20/22 1900

Form No. CA-C-WI-002, Rev. 4.21, dated 4/4/2019

Job Number:

IR Gun #

Number of Coolers:

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	0.3 °C	0.3 °C	Cooler #4:	°C	°C
Cooler #2:	°C	°C	Cooler #5:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C
			Cooler #7:	°C	°C
			Cooler #8:	°C	°C
			Cooler #9:	°C	°C

[illegible]

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:

Date:

10/21/22

Login Sample Receipt Checklist

Client: ARCADIS U.S., Inc.

Job Number: 460-267943-1

Login Number: 267943

List Number: 1

Creator: Rivera, Kenneth

List Source: Eurofins Edison

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	1559127
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 $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Appendix C

Data Usability Summary Report

SMC Novak Site

Data Usability Summary Report

McDonough, New York

Volatile Organic Compounds (VOCs) and Semivolatile Organic Compounds (SVOCs) Analyses

SDG # 460-267943-1

Analyses Performed By:
Eurofins TestAmerica
Edison, New Jersey

Report #47337R
Review Level: Tier III
Project: 30120982.04

Summary

This Data Usability Summary Report (DUSR) summarizes the review of Sample Delivery Group (SDG) #460-267943-1 for samples collected in association with the SMC Novak site located in McDonough, NY. The review was conducted as a Tier III evaluation and included review of data package completeness. Only analytical data associated with constituents of concern were reviewed for this validation. Field documentation was not included in this review. Included with this assessment are the validation annotated sample result sheets, and chain of custody. Analyses were performed on the following samples:

SDG Number	Sample ID	Lab ID	Matrix	Sample Collection Date	Parent Sample	Analysis				
						VOC	SVOC	PCB	MET	MISC
460-267943-1	MW-104	460-267943-1	Water	10/20/2022		X	X			
	DUP	460-267943-2	Water	10/20/2022	MW-104	X	X			
	Trip Blank	460-267943-3	Water	10/20/2022		X				

Analytical Data Package Documentation

The table below evaluates the data package completeness.

Items Reviewed	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
1. Sample receipt condition		X		X ¹	
2. Requested analyses and sample results		X		X	
3. Master tracking list		X		X	
4. Methods of analysis		X		X	
5. Reporting limits		X		X	
6. Sample collection date		X		X	
7. Laboratory sample received date		X		X	
8. Sample preservation verification (as applicable)		X		X	
9. Sample preparation/extraction/analysis dates		X		X	
10. Fully executed chain-of-custody form		X		X	
11. Narrative summary of QA or sample problems provided		X		X	
12. Data package completeness and compliance		X		X	

Note:

QA Quality assurance

1 – The laboratory noted: Per laboratory policy, the Trip Blank sample date/time was added to reflect the latest sample date/time of the sampling event. Trip Blank (460-267943-3)

Organic Analysis Introduction

Analyses were performed according to United States Environmental Protection Agency (USEPA) SW-846 Method 8260D and 8270E by Selected Ion Monitoring (SIM). Data were reviewed in accordance with the USEPA National Functional Guidelines for Organic Superfund Methods Data Review, EPA 540-R-20-005, November 2020 (with reference to the historical USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review, OSWER 9240.1-05A-P, October 1999), as appropriate.

The data review process is an evaluation of data on a technical basis rather than a determination of contract compliance. As such, the standards against which the data are being weighed may differ from those specified in the analytical method. It is assumed that the data package represents the best efforts of the laboratory and had already been subjected to adequate and sufficient quality review prior to submission.

During the review process, laboratory qualified and unqualified data are verified against the supporting documentation. Based on this evaluation, qualifier codes may be added, deleted, or modified by the data reviewer. Results are qualified with the following codes in accordance with USEPA National Functional Guidelines:

- Concentration (C) Qualifiers
 - U The compound was analyzed for but not detected. The associated value is the compound quantitation limit.
 - B The compound has been found in the sample as well as its associated blank, its presence in the sample may be suspect.
- Quantitation (Q) Qualifiers
 - E The compound was quantitated above the calibration range.
 - D Concentration is based on a diluted sample analysis.
- Validation Qualifiers
 - J The compound was positively identified; however, the associated numerical value is an estimated concentration only.
 - UJ The compound was not detected above the reported sample quantitation limit. However, the reported limit is approximate and may or may not represent the actual limit of quantitation.
 - JN The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification. The associated numerical value is an estimated concentration only.
 - UB Compound is considered non-detect at the listed value due to associated blank contamination.
 - N The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification.
 - R The sample results are rejected.

The "R" flag means that the associated value is unusable. In other words, due to significant quality control (QC) problems, the analysis is invalid and provides no information as to whether the compound is present or not. "R" values should not appear on data tables because they cannot be relied upon, even as a last resort. The second

fact to keep in mind is that no compound concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data but any value potentially contains error.

Volatile Organic Compound (VOC) Analyses

1. Holding Times

The specified holding times for the following methods are presented in the table below.

Method	Matrix	Holding Time	Preservation
SW-846 8260D	Water	14 days from collection to analysis (preserved) 7 days from collection to analysis (non-preserved)	Cool to <6 °C; preserved to a pH of less than 2 s.u.

Note:

s.u. Standard units

All samples were analyzed within the specified holding time criterion.

2. Blank Contamination

Quality assurance (QA) blanks (i.e., method and rinse blanks) are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Rinse blanks measure contamination of samples during field operations.

A blank action level (BAL) of five times the concentration of a detected compound in an associated blank (common laboratory contaminant compounds are calculated at ten times) is calculated for QA blanks containing concentrations greater than the method detection limit (MDL). The BAL is compared to the associated sample results to determine the appropriate qualification of the sample results, if needed.

Compounds were not detected above the MDL in the associated blanks; therefore, detected sample results were not associated with blank contamination.

3. Mass Spectrometer Tuning

Mass spectrometer performance was acceptable and all analyses were performed within a 12-hour tune clock.

System performance and column resolution were acceptable.

4. Calibration

Satisfactory instrument calibration is established to ensure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of acceptable performance at the beginning of an experimental sequence. The continuing calibration verifies that the instrument daily performance is satisfactory.

4.1 Initial Calibration

The method specifies percent relative standard deviation (%RSD) and relative response factor (RRF) limits for select compounds only. A technical review of the data applies limits to all compounds with no exceptions.

All target compounds associated with the initial calibration standards must exhibit a %RSD less than the control limit (20%) or a correlation coefficient greater than 0.99 and an RRF value greater than control limit (0.05).

4.2 Continuing Calibration

All target compounds associated with the continuing calibration standard must exhibit a percent difference (%D) less than the control limit (20%) and RRF value greater than control limit (0.05).

All compounds associated with the calibrations were within the specified control limits, with the exception of the compounds presented in the following table.

Sample Locations	Initial/Continuing	Compound	Criteria
MW-104 DUP Trip Blank	CCV %D	Chloromethane	-31.2%
		Bromomethane	43.1%
		Dichlorodifluoromethane	-25.8%
		Carbon tetrachloride	24.2%
		Chlorodibromomethane	22.9%
		Bromoform	26.7%

The criteria used to evaluate the initial and continuing calibration are presented in the following table. In the case of a calibration deviation, the sample results are qualified.

Initial/Continuing	Criteria	Sample Result	Qualification
Initial and Continuing Calibration	RRF <0.05	Non-detect	R
		Detect	J
	RRF <0.01 ¹	Non-detect	R
		Detect	J
	RRF >0.05 or RRF >0.01 ¹	Non-detect	No Action
		Detect	
Initial Calibration	%RSD > 15% or a correlation coefficient <0.99	Non-detect	UJ
		Detect	J

Initial/Continuing	Criteria	Sample Result	Qualification
	%RSD >90%	Non-detect	R
		Detect	J
Continuing Calibration	%D >20% (increase in sensitivity)	Non-detect	No Action
		Detect	J
	%D >20% (decrease in sensitivity)	Non-detect	UJ
		Detect	J
	%D >90% (increase/decrease in sensitivity)	Non-detect	R
		Detect	J

Note:

¹ RRF of 0.01 only applies to compounds which are typically poor responding compounds (i.e., ketones, 1,4-dioxane, etc.)

5. Surrogates/System Monitoring Compounds

All samples to be analyzed for organic compounds are spiked with surrogate compounds prior to sample preparation to evaluate overall laboratory performance and efficiency of the analytical technique. VOC analysis requires that all surrogates associated with the analysis exhibit recoveries within the laboratory-established acceptance limits.

All surrogate recoveries were within control limits.

6. Internal Standard Performance

Internal standard performance criteria ensure that the GC/MS sensitivity and response are stable during every sample analysis. The criteria require the internal standard compounds associated with the VOC exhibit area counts that are not greater than two times (+100%) or less than one-half (-50%) of the area counts of the associated continuing calibration standard.

All internal standard responses were within control limits.

7. Matrix Spike/Matrix Spike Duplicate (MS/MSD) Analysis

MS/MSD data are used to assess the precision and accuracy of the analytical method. The compounds used to perform the MS/MSD analysis must exhibit a percent recovery within the laboratory-established acceptance limits. The relative percent difference (RPD) between the MS/MSD recoveries must exhibit an RPD within the laboratory-established acceptance limits.

Note: The MS/MSD recovery control limits do not apply for MS/MSD performed on sample locations where the compound concentration detected in the parent sample exceeds the MS/MSD concentration by a factor of four or greater.

The MS/MSD analysis was not performed on a sample location within this SDG.

8. Laboratory Control Sample (LCS) Analysis

The LCS analysis is used to assess the accuracy of the analytical method independent of matrix interferences. The compounds associated with the LCS analysis must exhibit a percent recovery within the laboratory-established acceptance limits.

All compounds associated with the LCS analysis exhibited recoveries within the control limits.

9. Field Duplicate Analysis

Field duplicate analysis is used to assess the overall precision of the field sampling procedures and analytical method. A control limit of 30% for water matrices is applied to the RPD between the parent sample and the field duplicate. In the instance when the parent and/or duplicate sample concentrations are less than or equal to 5 times the RL, a control limit of two times the RL is applied for water.

Results for duplicate samples are summarized in the following table.

Sample ID/ Duplicate ID	Compound	Sample Result	Duplicate Result	RPD
MW-104 / DUP	1,1-Dichloroethane	4.3	4.3	AC
	Benzene	0.66 J	0.62 J	AC
	cis-1,2-Dichloroethene	1.4	1.3	AC
	Vinyl chloride	6.3	5.6	11.8 %

Notes:

AC Acceptable

The calculated RPDs between the parent sample and field duplicate were acceptable.

10. Compound Identification

Compounds are identified on the GC/MS by using the analytes relative retention time and ion spectra.

All identified compounds met the specified criteria.

11. System Performance and Overall Assessment

Overall system performance was acceptable. Other than for those deviations specifically mentioned in this review, the overall data quality is within the guidelines specified in the method.

Data Validation Checklist for VOCs

VOCs: SW-846 8260	Reported		Performance Acceptable		Not Required	
	No	Yes	No	Yes		
GAS CHROMATOGRAPHY/MASS SPECTROMETRY (GC/MS)						
Tier II Validation						
Holding times		X		X		
Reporting limits (units)		X		X		
Blanks						
A. Method blanks		X		X		
B. Equipment blanks	X				X	
C. Trip blanks		X		X		
Laboratory Control Sample (LCS)		X		X		
Laboratory Control Sample Duplicate (LCSD)	X				X	
LCS/LCSD Precision (RPD)	X				X	
Matrix Spike (MS)	X				X	
Matrix Spike Duplicate (MSD)	X				X	
MS/MSD Precision (RPD)	X				X	
Field/Lab Duplicate (RPD)		X		X		
Surrogate Spike %R		X		X		
Dilution Factor		X		X		
Moisture Content	X				X	
Tier III Validation						
System performance and column resolution		X		X		
Initial calibration %RSDs		X		X		
Continuing calibration RRFs		X		X		

VOCs: SW-846 8260	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
GAS CHROMATOGRAPHY/MASS SPECTROMETRY (GC/MS)					
Continuing calibration %Ds		X	X		
Instrument tune and performance check		X		X	
Ion abundance criteria for each instrument used		X		X	
Internal standard		X		X	
Compound identification and quantitation					
A. Reconstructed ion chromatograms		X		X	
B. Quantitation Reports		X		X	
C. RT of sample compounds within the established RT windows		X		X	
D. Transcription/calculation errors present		X		X	
E. Reporting limits adjusted to reflect sample dilutions		X		X	

Notes:

%RSD Relative standard deviation
 %R Percent recovery
 RPD Relative percent difference
 %D Percent difference

Semivolatile Organic Compound (SVOC) Analyses

1. Holding Times

The specified holding times for the following methods are presented in the table below.

Method	Matrix	Holding Time	Preservation
SW-846 8270E-SIM	Water	7 days from collection to extraction and 40 days from extraction to analysis	Cool to <6 °C

Note:

s.u. Standard units

All samples were analyzed within the specified holding time criterion.

2. Blank Contamination

Quality assurance (QA) blanks (i.e., method and rinse blanks) are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Rinse blanks measure contamination of samples during field operations.

A blank action level (BAL) of five times the concentration of a detected compound in an associated blank (common laboratory contaminant compounds are calculated at ten times) is calculated for QA blanks containing concentrations greater than the method detection limit (MDL). The BAL is compared to the associated sample results to determine the appropriate qualification of the sample results, if needed.

Compounds were not detected above the MDL in the associated blanks; therefore, detected sample results were not associated with blank contamination.

3. Mass Spectrometer Tuning

Mass spectrometer performance was acceptable and all analyses were performed within a 12-hour tune clock.

System performance and column resolution were acceptable.

4. Calibration

Satisfactory instrument calibration is established to ensure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of acceptable performance at the beginning of an experimental sequence. The continuing calibration verifies that the instrument daily performance is satisfactory.

4.1 Initial Calibration

The method specifies percent relative standard deviation (%RSD) and relative response factor (RRF) limits for select compounds only. A technical review of the data applies limits to all compounds with no exceptions.

All target compounds associated with the initial calibration standards must exhibit a %RSD less than the control limit (20%) or a correlation coefficient greater than 0.99 and an RRF value greater than control limit (0.05).

4.2 Continuing Calibration

All target compounds associated with the continuing calibration standard must exhibit a percent difference (%D) less than the control limit (20%) and RRF value greater than control limit (0.05).

All compounds associated with the initial and continuing calibrations were within the specified control limits.

5. Surrogates/System Monitoring Compounds

All samples to be analyzed for organic compounds are spiked with surrogate compounds prior to sample preparation to evaluate overall laboratory performance and efficiency of the analytical technique. SVOC analysis requires that SVOC surrogate compounds exhibit recoveries within the laboratory-established acceptance limits.

All surrogate recoveries were within control limits.

6. Internal Standard Performance

Internal standard performance criteria ensure that the GC/MS sensitivity and response are stable during every sample analysis. The criteria require the internal standard compounds associated with the SVOC exhibit area counts that are not greater than two times (+100%) or less than one-half (-50%) of the area counts of the associated continuing calibration standard.

All internal standard responses were within control limits.

7. Matrix Spike/Matrix Spike Duplicate (MS/MSD) Analysis

MS/MSD data are used to assess the precision and accuracy of the analytical method. The compounds used to perform the MS/MSD analysis must exhibit a percent recovery within the laboratory-established acceptance limits. The relative percent difference (RPD) between the MS/MSD recoveries must exhibit an RPD within the laboratory-established acceptance limits.

Note: The MS/MSD recovery control limits do not apply for MS/MSD performed on sample locations where the compound concentration detected in the parent sample exceeds the MS/MSD concentration by a factor of four or greater.

The MS/MSD analysis was not performed on a sample location within this SDG.

8. Laboratory Control Sample/Laboratory Control Sample Duplicate (LCS/LCSD) Analysis

The LCS/LCSD analysis is used to assess the precision and accuracy of the analytical method independent of matrix interferences. The compounds associated with the LCS/LCSD analysis must exhibit a percent recovery within the laboratory-established acceptance limits.

All compounds associated with the LCS/LCSD analysis exhibited recoveries within the control limits.

9. Field Duplicate Analysis

Field duplicate analysis is used to assess the overall precision of the field sampling procedures and analytical method. A control limit of 30% for water matrices is applied to the RPD between the parent sample and the field duplicate. In the instance when the parent and/or duplicate sample concentrations are less than or equal to 5 times the RL, a control limit of two times the RL is applied for water matrices.

Results for duplicate samples are summarized in the following table.

Sample ID/ Duplicate ID	Compound	Sample Result	Duplicate Result	RPD
MW-104 / DUP	1,4-Dioxane	0.80	0.60	AC

Notes:

U Not detected

AC Acceptable

The calculated RPDs between the parent sample and field duplicate were acceptable.

10. Compound Identification

Compounds are identified on the GC/MS by using the analytes relative retention time and ion spectra.

All identified compounds met the specified criteria.

11. System Performance and Overall Assessment

Overall system performance was acceptable. Other than for those deviations specifically mentioned in this review, the overall data quality is within the guidelines specified in the method.

Data Validation Checklist for SVOCs

SVOCs: SW-846 8270E-SIM	Reported		Performance Acceptable		Not Required	
	No	Yes	No	Yes		
GAS CHROMATOGRAPHY/MASS SPECTROMETRY (GC/MS)						
Tier II Validation						
Holding times		X		X		
Reporting limits (units)		X		X		
Blanks						
A. Method blanks		X		X		
B. Equipment/Field blanks	X				X	
C. Trip blanks	X				X	
Laboratory Control Sample (LCS) %R		X		X		
Laboratory Control Sample Duplicate (LCSD) %R		X		X		
LCS/LCSD Precision (RPD)		X		X		
Matrix Spike (MS) %R	X				X	
Matrix Spike Duplicate (MSD) %R	X				X	
MS/MSD Precision (RPD)	X				X	
Field/Lab Duplicate (RPD)		X		X		
Surrogate Spike %R		X		X		
Dilution Factor		X		X		
Moisture Content	X				X	
Tier III Validation						
System performance and column resolution		X		X		
Initial calibration %RSDs		X		X		
Continuing calibration RRFs		X		X		
Continuing calibration %Ds		X		X		
Instrument tune and performance check		X		X		

SVOCs: SW-846 8270E-SIM	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
GAS CHROMATOGRAPHY/MASS SPECTROMETRY (GC/MS)					
Ion abundance criteria for each instrument used		X		X	
Internal standard		X		X	
Compound identification and quantitation					
A. Reconstructed ion chromatograms		X		X	
B. Quantitation Reports		X		X	
C. RT of sample compounds within the established RT windows		X		X	
D. Transcription/calculation errors present		X		X	
E. Reporting limits adjusted to reflect sample dilutions		X		X	

Notes:

%RSD Relative standard deviation

%R Percent recovery

RPD Relative percent difference

%D Percent difference

Sample Compliance Report

SAMPLE COMPLIANCE REPORT

Sample Delivery Group (SDG)	Sampling Date	Protocol	Sample ID	Matrix	Compliance ¹				Noncompliance
					VOC	SVOC	PFAS	MISC	
460-267943-1	10/20/2022	SW-846	MW-104	Water	No	Yes	--	--	VOC – CCAL %D
	10/20/2022		DUP	Water	No	Yes	--	--	VOC – CCAL %D
	10/20/2022		Trip Blank	Water	No	--	--	--	VOC – CCAL %D

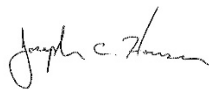
Note:

- 1 Samples which are compliant with no added validation qualifiers are listed as "yes". Samples which are non-compliant or which have added qualifiers are listed as "no". A "no" designation does not necessarily indicate that the data have been rejected or are otherwise unusable.

DATA USABILITY SUMMARY REPORT

VALIDATION PERFORMED BY: Joseph C. Houser

SIGNATURE:



DATE: October 26, 2022

PEER REVIEW: Andrew Korycinski

DATE: October 27, 2022

Chain of Custody Corrected Sample Analysis Data Sheets

Client Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: AstraZeneca Novak, McDonough, NY

Job ID: 460-267943-1

Client Sample ID: MW-104

Lab Sample ID: 460-267943-1

Date Collected: 10/20/22 13:25

Matrix: Water

Date Received: 10/21/22 09:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			10/22/22 12:10	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			10/22/22 12:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			10/22/22 12:10	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			10/22/22 12:10	1
1,1-Dichloroethane	4.3		1.0	0.26	ug/L			10/22/22 12:10	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			10/22/22 12:10	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			10/22/22 12:10	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			10/22/22 12:10	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			10/22/22 12:10	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			10/22/22 12:10	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			10/22/22 12:10	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			10/22/22 12:10	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			10/22/22 12:10	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			10/22/22 12:10	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			10/22/22 12:10	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			10/22/22 12:10	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			10/22/22 12:10	1
Acetone	4.4	U	5.0	4.4	ug/L			10/22/22 12:10	1
Benzene	0.66	J	1.0	0.20	ug/L			10/22/22 12:10	1
Bromoform	0.54	U	1.0	0.54	ug/L			10/22/22 12:10	1
Bromomethane	0.55	U	1.0	0.55	ug/L			10/22/22 12:10	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			10/22/22 12:10	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			10/22/22 12:10	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			10/22/22 12:10	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			10/22/22 12:10	1
Chlorodibromomethane	0.28	U	1.0	0.28	ug/L			10/22/22 12:10	1
Chloroethane	0.32	U	1.0	0.32	ug/L			10/22/22 12:10	1
Chloroform	0.33	U	1.0	0.33	ug/L			10/22/22 12:10	1
Chloromethane	0.40	U J	1.0	0.40	ug/L			10/22/22 12:10	1
cis-1,2-Dichloroethene	1.4		1.0	0.22	ug/L			10/22/22 12:10	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			10/22/22 12:10	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			10/22/22 12:10	1
Dichlorobromomethane	0.34	U	1.0	0.34	ug/L			10/22/22 12:10	1
Dichlorodifluoromethane	0.31	U J	1.0	0.31	ug/L			10/22/22 12:10	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			10/22/22 12:10	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			10/22/22 12:10	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			10/22/22 12:10	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			10/22/22 12:10	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			10/22/22 12:10	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			10/22/22 12:10	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			10/22/22 12:10	1
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			10/22/22 12:10	1
o-Xylene	0.36	U	1.0	0.36	ug/L			10/22/22 12:10	1
Styrene	0.42	U	1.0	0.42	ug/L			10/22/22 12:10	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			10/22/22 12:10	1
Toluene	0.38	U	1.0	0.38	ug/L			10/22/22 12:10	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			10/22/22 12:10	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			10/22/22 12:10	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			10/22/22 12:10	1

Client Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: AstraZeneca Novak, McDonough, NY

Job ID: 460-267943-1

Client Sample ID: MW-104

Lab Sample ID: 460-267943-1

Date Collected: 10/20/22 13:25

Matrix: Water

Date Received: 10/21/22 09:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			10/22/22 12:10	1
Vinyl chloride	6.3		1.0	0.17	ug/L			10/22/22 12:10	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					10/22/22 12:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	120		70 - 128		10/22/22 12:10	1
4-Bromofluorobenzene	112		76 - 120		10/22/22 12:10	1
Dibromofluoromethane (Surr)	118		77 - 124		10/22/22 12:10	1
Toluene-d8 (Surr)	101		80 - 120		10/22/22 12:10	1

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.80		0.20	0.072	ug/L		10/22/22 10:40	10/23/22 17:02	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	25		10 - 150	10/22/22 10:40	10/23/22 17:02	1

Client Sample ID: DUP

Lab Sample ID: 460-267943-2

Date Collected: 10/20/22 13:25

Matrix: Water

Date Received: 10/21/22 09:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			10/22/22 12:32	1
1,1,2,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			10/22/22 12:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			10/22/22 12:32	1
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			10/22/22 12:32	1
1,1-Dichloroethane	4.3		1.0	0.26	ug/L			10/22/22 12:32	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			10/22/22 12:32	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			10/22/22 12:32	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			10/22/22 12:32	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			10/22/22 12:32	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			10/22/22 12:32	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			10/22/22 12:32	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			10/22/22 12:32	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			10/22/22 12:32	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			10/22/22 12:32	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			10/22/22 12:32	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			10/22/22 12:32	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			10/22/22 12:32	1
Acetone	4.4	U	5.0	4.4	ug/L			10/22/22 12:32	1
Benzene	0.62	J	1.0	0.20	ug/L			10/22/22 12:32	1
Bromoform	0.54	U	1.0	0.54	ug/L			10/22/22 12:32	1
Bromomethane	0.55	U	1.0	0.55	ug/L			10/22/22 12:32	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			10/22/22 12:32	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			10/22/22 12:32	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			10/22/22 12:32	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			10/22/22 12:32	1
Chlorodibromomethane	0.28	U	1.0	0.28	ug/L			10/22/22 12:32	1

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Client Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: AstraZeneca Novak, McDonough, NY

Job ID: 460-267943-1

Client Sample ID: DUP

Lab Sample ID: 460-267943-2

Date Collected: 10/20/22 13:25

Matrix: Water

Date Received: 10/21/22 09:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	0.32	U	1.0	0.32	ug/L			10/22/22 12:32	1
Chloroform	0.33	U	1.0	0.33	ug/L			10/22/22 12:32	1
Chloromethane	0.40	U J	1.0	0.40	ug/L			10/22/22 12:32	1
cis-1,2-Dichloroethene	1.3		1.0	0.22	ug/L			10/22/22 12:32	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			10/22/22 12:32	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			10/22/22 12:32	1
Dichlorobromomethane	0.34	U	1.0	0.34	ug/L			10/22/22 12:32	1
Dichlorodifluoromethane	0.31	U J	1.0	0.31	ug/L			10/22/22 12:32	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			10/22/22 12:32	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			10/22/22 12:32	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			10/22/22 12:32	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			10/22/22 12:32	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			10/22/22 12:32	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			10/22/22 12:32	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			10/22/22 12:32	1
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			10/22/22 12:32	1
o-Xylene	0.36	U	1.0	0.36	ug/L			10/22/22 12:32	1
Styrene	0.42	U	1.0	0.42	ug/L			10/22/22 12:32	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			10/22/22 12:32	1
Toluene	0.38	U	1.0	0.38	ug/L			10/22/22 12:32	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			10/22/22 12:32	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			10/22/22 12:32	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			10/22/22 12:32	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			10/22/22 12:32	1
Vinyl chloride	5.6		1.0	0.17	ug/L			10/22/22 12:32	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					10/22/22 12:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	121		70 - 128					10/22/22 12:32	1
4-Bromofluorobenzene	109		76 - 120					10/22/22 12:32	1
Dibromofluoromethane (Surr)	119		77 - 124					10/22/22 12:32	1
Toluene-d8 (Surr)	99		80 - 120					10/22/22 12:32	1

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.60		0.20	0.072	ug/L		10/22/22 10:40	10/23/22 17:18	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	25		10 - 150				10/22/22 10:40	10/23/22 17:18	1

Client Sample ID: Trip Blank

Lab Sample ID: 460-267943-3

Date Collected: 10/20/22 13:25

Matrix: Water

Date Received: 10/21/22 09:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			10/22/22 11:07	1
1,1,1,2-Tetrachloroethane	0.37	U	1.0	0.37	ug/L			10/22/22 11:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			10/22/22 11:07	1

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Client Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: AstraZeneca Novak, McDonough, NY

Job ID: 460-267943-1

Client Sample ID: Trip Blank

Lab Sample ID: 460-267943-3

Date Collected: 10/20/22 13:25

Matrix: Water

Date Received: 10/21/22 09:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	0.20	U	1.0	0.20	ug/L			10/22/22 11:07	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			10/22/22 11:07	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			10/22/22 11:07	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			10/22/22 11:07	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			10/22/22 11:07	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			10/22/22 11:07	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			10/22/22 11:07	1
1,2-Dichloroethane	0.43	U	1.0	0.43	ug/L			10/22/22 11:07	1
1,2-Dichloropropane	0.35	U	1.0	0.35	ug/L			10/22/22 11:07	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			10/22/22 11:07	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			10/22/22 11:07	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			10/22/22 11:07	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			10/22/22 11:07	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			10/22/22 11:07	1
Acetone	4.4	U	5.0	4.4	ug/L			10/22/22 11:07	1
Benzene	0.20	U	1.0	0.20	ug/L			10/22/22 11:07	1
Bromoform	0.54	U	1.0	0.54	ug/L			10/22/22 11:07	1
Bromomethane	0.55	U	1.0	0.55	ug/L			10/22/22 11:07	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			10/22/22 11:07	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			10/22/22 11:07	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			10/22/22 11:07	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			10/22/22 11:07	1
Chlorodibromomethane	0.28	U	1.0	0.28	ug/L			10/22/22 11:07	1
Chloroethane	0.32	U	1.0	0.32	ug/L			10/22/22 11:07	1
Chloroform	0.33	U	1.0	0.33	ug/L			10/22/22 11:07	1
Chloromethane	0.40	U J	1.0	0.40	ug/L			10/22/22 11:07	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			10/22/22 11:07	1
cis-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			10/22/22 11:07	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			10/22/22 11:07	1
Dichlorobromomethane	0.34	U	1.0	0.34	ug/L			10/22/22 11:07	1
Dichlorodifluoromethane	0.31	U J	1.0	0.31	ug/L			10/22/22 11:07	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			10/22/22 11:07	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			10/22/22 11:07	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			10/22/22 11:07	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			10/22/22 11:07	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			10/22/22 11:07	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			10/22/22 11:07	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			10/22/22 11:07	1
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			10/22/22 11:07	1
o-Xylene	0.36	U	1.0	0.36	ug/L			10/22/22 11:07	1
Styrene	0.42	U	1.0	0.42	ug/L			10/22/22 11:07	1
Tetrachloroethene	0.25	U	1.0	0.25	ug/L			10/22/22 11:07	1
Toluene	0.38	U	1.0	0.38	ug/L			10/22/22 11:07	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			10/22/22 11:07	1
trans-1,3-Dichloropropene	0.22	U	1.0	0.22	ug/L			10/22/22 11:07	1
Trichloroethene	0.31	U	1.0	0.31	ug/L			10/22/22 11:07	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			10/22/22 11:07	1
Vinyl chloride	0.17	U	1.0	0.17	ug/L			10/22/22 11:07	1

Client Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: AstraZeneca Novak, McDonough, NY

Job ID: 460-267943-1

Client Sample ID: Trip Blank

Lab Sample ID: 460-267943-3

Date Collected: 10/20/22 13:25

Matrix: Water

Date Received: 10/21/22 09:20

<i>Tentatively Identified Compound</i>	<i>Est. Result</i>	<i>Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>RT</i>	<i>CAS No.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Tentatively Identified Compound</i>	<i>None</i>		<i>ug/L</i>					<i>10/22/22 11:07</i>	<i>1</i>
<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>				<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>1,2-Dichloroethane-d4 (Surr)</i>	<i>113</i>		<i>70 - 128</i>					<i>10/22/22 11:07</i>	<i>1</i>
<i>4-Bromofluorobenzene</i>	<i>108</i>		<i>76 - 120</i>					<i>10/22/22 11:07</i>	<i>1</i>
<i>Dibromofluoromethane (Surr)</i>	<i>111</i>		<i>77 - 124</i>					<i>10/22/22 11:07</i>	<i>1</i>
<i>Toluene-d8 (Surr)</i>	<i>102</i>		<i>80 - 120</i>					<i>10/22/22 11:07</i>	<i>1</i>

#225
TestAmerica Laboratories, Inc. d/b/a Eurofins TestAmerica

Regulatory Program ☐ DW ☐ NPDES ☐ RCRA ☒ Other:

Client Contact		Project Manager: Victor Finocchiaro	Site Contact: Janelle van Lieshout	Date:	COC No:
Your Company : Arcadis U.S., Inc.		Tel/Fax: 315.671.9156	Lab Contact: Kristyn Tempe	Carrier:	of COCs

[illegible]

City/State/Zip : Syracuse, NY	Phone (315) 671-9296	TAT if different from Below _____	☒ 2 weeks ☐ 4 weeks ☐ 6 weeks ☐ 8 weeks ☐ 10 weeks ☐ 12 weeks ☐ 14 weeks ☐ 16 weeks ☐ 18 weeks ☐ 20 weeks ☐ 22 weeks ☐ 24 weeks ☐ 26 weeks ☐ 28 weeks ☐ 30 weeks ☐ 32 weeks ☐ 34 weeks ☐ 36 weeks ☐ 38 weeks ☐ 40 weeks ☐ 42 weeks ☐ 44 weeks ☐ 46 weeks ☐ 48 weeks ☐ 50 weeks ☐ 52 weeks ☐ 54 weeks ☐ 56 weeks ☐ 58 weeks ☐ 60 weeks ☐ 62 weeks ☐ 64 weeks ☐ 66 weeks ☐ 68 weeks ☐ 70 weeks ☐ 72 weeks ☐ 74 weeks ☐ 76 weeks ☐ 78 weeks ☐ 80 weeks ☐ 82 weeks ☐ 84 weeks ☐ 86 weeks ☐ 88 weeks ☐ 90 weeks ☐ 92 weeks ☐ 94 weeks ☐ 96 weeks ☐ 98 weeks ☐ 100 weeks ☐ 102 weeks ☐ 104 weeks ☐ 106 weeks ☐ 108 weeks ☐ 110 weeks ☐ 112 weeks ☐ 114 weeks ☐ 116 weeks ☐ 118 weeks ☐ 120 weeks ☐ 122 weeks ☐ 124 weeks ☐ 126 weeks ☐ 128 weeks ☐ 130 weeks ☐ 132 weeks ☐ 134 weeks ☐ 136 weeks ☐ 138 weeks ☐ 140 weeks ☐ 142 weeks ☐ 144 weeks ☐ 146 weeks ☐ 148 weeks ☐ 150 weeks ☐ 152 weeks ☐ 154 weeks ☐ 156 weeks ☐ 158 weeks ☐ 160 weeks ☐ 162 weeks ☐ 164 weeks ☐ 166 weeks ☐ 168 weeks ☐ 170 weeks ☐ 172 weeks ☐ 174 weeks ☐ 176 weeks ☐ 178 weeks ☐ 180 weeks ☐ 182 weeks ☐ 184 weeks ☐ 186 weeks ☐ 188 weeks ☐ 190 weeks ☐ 192 weeks ☐ 194 weeks ☐ 196 weeks ☐ 198 weeks ☐ 200 weeks ☐ 202 weeks ☐ 204 weeks ☐ 206 weeks ☐ 208 weeks ☐ 210 weeks ☐ 212 weeks ☐ 214 weeks ☐ 216 weeks ☐ 218 weeks ☐ 220 weeks ☐ 222 weeks ☐ 224 weeks ☐ 226 weeks ☐ 228 weeks ☐ 230 weeks ☐ 232 weeks ☐ 234 weeks ☐ 236 weeks ☐ 238 weeks ☐ 240 weeks ☐ 242 weeks ☐ 244 weeks ☐ 246 weeks ☐ 248 weeks ☐ 250 weeks ☐ 252 weeks ☐ 254 weeks ☐ 256 weeks ☐ 258 weeks ☐ 260 weeks ☐ 262 weeks ☐ 264 weeks ☐ 266 weeks ☐ 268 weeks ☐ 270 weeks ☐ 272 weeks ☐ 274 weeks ☐ 276 weeks ☐ 278 weeks ☐ 280 weeks ☐ 282 weeks ☐ 284 weeks ☐ 286 weeks ☐ 288 weeks ☐ 290 weeks ☐ 292 weeks ☐ 294 weeks ☐ 296 weeks ☐ 298 weeks ☐ 300 weeks ☐ 302 weeks ☐ 304 weeks ☐ 306 weeks ☐ 308 weeks ☐ 310 weeks ☐ 312 weeks ☐ 314 weeks ☐ 316 weeks ☐ 318 weeks ☐ 320 weeks ☐ 322 weeks ☐ 324 weeks ☐ 326 weeks ☐ 328 weeks ☐ 330 weeks ☐ 332 weeks ☐ 334 weeks ☐ 336 weeks ☐ 338 weeks ☐ 340 weeks ☐ 342 weeks ☐ 344 weeks ☐ 346 weeks ☐ 348 weeks ☐ 350 weeks ☐ 352 weeks ☐ 354 weeks ☐ 356 weeks ☐ 358 weeks ☐ 360 weeks ☐ 362 weeks ☐ 364 weeks ☐ 366 weeks ☐ 368 weeks ☐ 370 weeks ☐ 372 weeks ☐ 374 weeks ☐ 376 weeks ☐ 378 weeks ☐ 380 weeks ☐ 382 weeks ☐ 384 weeks ☐ 386 weeks ☐ 388 weeks ☐ 390 weeks ☐ 392 weeks ☐ 394 weeks ☐ 396 weeks ☐ 398 weeks ☐ 400 weeks ☐ 402 weeks ☐ 404 weeks ☐ 406 weeks ☐ 408 weeks ☐ 410 weeks ☐ 412 weeks ☐ 414 weeks ☐ 416 weeks ☐ 418 weeks ☐ 420 weeks ☐ 422 weeks ☐ 424 weeks ☐ 426 weeks ☐ 428 weeks ☐ 430 weeks ☐ 432 weeks ☐ 434 weeks ☐ 436 weeks ☐ 438 weeks ☐ 440 weeks ☐ 442 weeks ☐ 444 weeks ☐ 446 weeks ☐ 448 weeks ☐ 450 weeks ☐ 452 weeks ☐ 454 weeks ☐ 456 weeks ☐ 458 weeks ☐ 460 weeks ☐ 462 weeks ☐ 464 weeks ☐ 466 weeks ☐ 468 weeks ☐ 470 weeks ☐ 472 weeks ☐ 474 weeks ☐ 476 weeks ☐ 478 weeks ☐ 480 weeks ☐ 482 weeks ☐ 484 weeks ☐ 486 weeks ☐ 488 weeks ☐ 490 weeks ☐ 492 weeks ☐ 494 weeks ☐ 496 weeks ☐ 498 weeks ☐ 500 weeks ☐ 502 weeks ☐ 504 weeks ☐ 506 weeks ☐ 508 weeks ☐ 510 weeks ☐ 512 weeks ☐ 514 weeks ☐ 516 weeks ☐ 518 weeks ☐ 520 weeks ☐ 522 weeks ☐ 524 weeks ☐ 526 weeks ☐ 528 weeks ☐ 530 weeks ☐ 532 weeks ☐ 534 weeks ☐ 536 weeks ☐ 538 weeks ☐ 540 weeks ☐ 542 weeks ☐ 544 weeks ☐ 546 weeks ☐ 548 weeks ☐ 550 weeks ☐ 552 weeks ☐ 554 weeks ☐ 556 weeks ☐ 558 weeks ☐ 560 weeks ☐ 562 weeks ☐ 564 weeks ☐ 566 weeks ☐ 568 weeks ☐ 570 weeks ☐ 572 weeks ☐ 574 weeks ☐ 576 weeks ☐ 578 weeks ☐ 580 weeks ☐ 582 weeks ☐ 584 weeks ☐ 586 weeks ☐ 588 weeks ☐ 590 weeks ☐ 592 weeks ☐ 594 weeks ☐ 596 weeks ☐ 598 weeks ☐ 600 weeks ☐ 602 weeks ☐ 604 weeks ☐ 606 weeks ☐ 608 weeks ☐ 610 weeks ☐ 612 weeks ☐ 614 weeks ☐ 616 weeks ☐ 618 weeks ☐ 620 weeks ☐ 622 weeks ☐ 624 weeks ☐ 626 weeks ☐ 628 weeks

Project Name: SMC Novak Site	Project	1 week	(Y/N)	SD (Y/N)	2 to 3	10 to 15	15 to 30	30 to 60	60 to 120	120 to 240	240 to 480	480 to 960	960 to 1920	1920 to 3840	3840 to 7680	7680 to 15360	15360 to 30720	30720 to 61440	61440 to 122880	122880 to 245760	245760 to 491520	491520 to 983040	983040 to 1966080	1966080 to 3932160	3932160 to 7864320	7864320 to 15728640	15728640 to 31457280	31457280 to 62914560	62914560 to 125829120	125829120 to 251658240	251658240 to 503316480	503316480 to 1006632960	1006632960 to 2013265920	2013265920 to 4026531840	4026531840 to 8053063680	8053063680 to 16106127360	16106127360 to 32212254720	32212254720 to 64424509440	64424509440 to 128849018880	128849018880 to 257698037760	257698037760 to 515396075520	515396075520 to 1030792151040	1030792151040 to 2061584302080	2061584302080 to 4123168604160	4123168604160 to 8246337208320	8246337208320 to 16492674416640	16492674416640 to 32985348833280	32985348833280 to 65970697666560	65970697666560 to 131941395333120	131941395333120 to 263882790666240	263882790666240 to 527765581332480	527765581332480 to 1055531162664960	1055531162664960 to 2111062325329920	2111062325329920 to 4222124650659840	4222124650659840 to 8444249301319680	8444249301319680 to 16888498602639360	16888498602639360 to 33776997205278720	33776997205278720 to 67553994410557440	67553994410557440 to 135107988821114880	135107988821114880 to 270215977642229760	270215977642229760 to 540431955284459520	540431955284459520 to 1080863910568919040	1080863910568919040 to 2161727821137838080	2161727821137838080 to 4323455642275676160	4323455642275676160 to 8646911284551352320	8646911284551352320 to 17293822569102704640	17293822569102704640 to 34587645138205409280	34587645138205409280 to 69175290276410818560	69175290276410818560 to 138350580552821637120	138350580552821637120 to 276701161105643274240	276701161105643274240 to 553402322211286548480	553402322211286548480 to 1106804644422573096960	1106804644422573096960 to 2213609288845146193920	2213609288845146193920 to 4427218577690292387840	4427218577690292387840 to 8854437155380584775680	8854437155380584775680 to 17708874310761169551360	17708874310761169551360 to 35417748621522339102720	35417748621522339102720 to 70835497243044678205440	70835497243044678205440 to 141670994486089356410880	141670994486089356410880 to 283341988972178712821760	283341988972178712821760 to 566683977944357425643520	566683977944357425643520 to 1133367955888714851287040	1133367955888714851287040 to 2266735911777429702574080	2266735911777429702574080 to 4533471823554859405148160	4533471823554859405148160 to 9066943647109718810296320	9066943647109718810296320 to 18133887294219437620592640	18133887294219437620592640 to 36267774588438875241185280	36267774588438875241185280 to 72535549176877750482370560	72535549176877750482370560 to 145071098353755500964741120	145071098353755500964741120 to 290142196707511001929482240	290142196707511001929482240 to 580284393415022003858964480	580284393415022003858964480 to 1160568786830044007717928960	1160568786830044007717928960 to 2321137573660088015435857920	2321137573660088015435857920 to 4642275147320176030871715840	4642275147320176030871715840 to 9284550294640352061743431680	9284550294640352061743431680 to 18569100589280704123486863360	18569100589280704123486863360 to 37138201178561408246973726720	37138201178561408246973726720 to 74276402357122816493947453440	74276402357122816493947453440 to 148552804714245632987894906880	148552804714245632987894906880 to 297105609428491265975789813760	297105609428491265975789813760 to 594211218856982531951579627520	594211218856982531951579627520 to 1188422437713965063903159255040	1188422437713965063903159255040 to 2376844875427930127806318510080	2376844875427930127806318510080 to 4753689750855860255612637020160	47536897508

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Sample	Sample	Sample	Type	Form	Di
Sample	Sample	Sample	Type	Form	Di

Sample Identification	Sample Date	Time	Matrix	Cont.	Filter	Per	VOL
			(C=Comp, G=Grab)				1.4

Sample Specific Notes:

[illegible][illegible][illegible]

Trip Blank

[illegible][illegible]

460-267943 Chain of 6

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466

[illegible][illegible][illegible][illegible][illegible][illegible]

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard	☐ Irritant	☐ Flammable	☐ Unknown	☐ Return to Client	☐ Disposal by Lab	☐ Archive for _____ Months
☐ Poison B	☐ Poison A	☐ Corrosive	☐ Volatile	☐ Toxic	☐ Infectious	☐ Radioactive

Special Instructions/QC Requirements & Comments:

155017
M363 W#A

Year	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	

Custody seals intact:		Yes ☐	No ☐
Company Seal No.:			
Date/Time:			
Received by:			
Company:			
Custody Seal No.:			
Cooler temp. (°C):		Ops d: _____	
Cooler temp. (°F):		Ops d: _____	
Therm ID No.:		Corr d: _____	
Therm ID No.:		Corr d: _____	

	Received by:	Date / Time.
Unacquainted	Matt Williams	10/26/02 16:00
Company:	Ascadi's	10/26/02 16:00
Company:	KC-K9/26	10/26/02 16:00

Relinquished by:	Company:	Received by:	Company:	Date/Time:
R. L. ...	...	...	...	...

[illegible][illegible]

Form No. CA-C-WI-002, Rev. 4.21, dated 4/4/2019

Form No. CA-C-WI-002, Rev. 4.21, dated 4/4/2019

Appendix D

September 2020, May 2021 & May 2022 Site Inspection Forms



349 Northern Blvd. Suite 3
Albany, NY 12204
Phone: 518.453.2203
Fax: 518.689.4800

Date: 9/4/2020
Time: 10:30 AM

Weather

Temperature

High

Low

Site Inspection Report

Client	Stauffer Management Company LLC	Project No.	
Location	Novak Site, Pike Rd, McDonough, NY	Inspected By:	<u>R. Farnum, K. Tuttle</u>

Please note any deficiencies, issues, or actions taken at the bottom of the page or on continuation pages

Site Security	Circle one			Comments/Action Required
1. Was gate closed and locked when arriving at site?	☒ Y	☐ N	☐ NA	
2. Are there any holes or breaks in the fencing?	☐ Y	☒ N	☐ NA	
3. Are there any signs of vandalism or unauthorized entry (odd tire tracks, damage to fence, strange debris [bottles, cans, etc])?	☐ Y	☒ N	☐ NA	

3a. If so, explain below and notify SMC and Envirospec immediately

Wells

4. Is MW-104 intact?	☒ Y	☐ N	☐ NA	
5. Is the well covered (with lid or cap)?	☒ Y	☐ N	☐ NA	
6. Is the well locked?	☒ Y	☐ N	☐ NA	

Site Maintenance

7. Is there any garbage or debris? If so, please remove/discard.	☐ Y	☒ N	☐ NA	
8. Is there visible dust?	☐ Y	☒ N	☐ NA	
9. Does the grass need to be mowed?	☒ Y	☐ N	☐ NA	<u>If sampling required</u>
10. Do any areas need to be weeded or shrub cleared?	☐ Y	☒ N	☐ NA	
11. Are there any bald spots in grassy areas?	☐ Y	☒ N	☐ NA	
12. Are the access roads clear?	☒ Y	☐ N	☐ NA	
13. Do any areas (site roads or access to wells) need to be plowed?	☐ Y	☒ N	☐ NA	
14. Are there any sink holes throughout the site?	☐ Y	☒ N	☐ NA	
15. Any odors onsite?	☐ Y	☒ N	☐ NA	
16. Are site signs still up and visible?	☐ Y	☐ N	☒ NA	

Soil Cover

17. Is the soil cover over the biocell cap intact?	☒ Y	☐ N	☐ NA	
18. If there are any issues observed with the soil cap, describe below	☐ Y	☒ N	☐ NA	

Upon leaving the site, check the following:

19. Were the gates closed and locked after leaving site?	☒ Y	☐ N	☐ NA	

Signature of Inspector:

Include General Site Observations and Follow-Up Actions on the Reverse

Signature of Inspector: _____



110 West Fayette Street Suite 300
Syracuse
New York, 13202
Phone: 315 446 9120
Fax: 315 449 0017

Date: 5/21/21
Time: 1245

Weather

Temperature

Site Inspection Report

~~Partly Cloudy~~
Sunny

High 89
Low 82

Client	Stauffer Management Company LLC	Project No.	30077092
Location	Pike Road, Town of McDonough, NY 13801	Inspected By:	Jason Gutkowski

Please note any deficiencies, issues, or actions taken at the bottom of the page or on continuation pages

Site Security	Circle one			Comments/Action Required
1. Was gate closed and locked when arriving at site?	☒ Y	☐ N	NA	
2. Are there any holes or breaks in the fencing?	☐ Y	☒ N	NA	
3. Are there any signs of vandalism or unauthorized entry (odd tire tracks, damage to fence, strange debris [bottles, cans, etc])?	☐ Y	☒ N	NA	
3a. If so, explain below and notify SMC and Arcadis immediately				
Wells				
6. Is MW-104 intact?	☒ Y	☐ N	NA	Good Condition, A block
7. Is the well covered (with lid or cap)?	☒ Y	☐ N	NA	
8. Is the well locked?	☐ Y	☒ N	NA	
Site Maintenance				
9. Is there any garbage or debris? If so, please remove/discard.	☐ Y	☒ N	NA	
10. Is there visible dust?	☐ Y	☒ N	NA	
11. Does the grass need to be mowed?	☐ Y	☒ N	NA	
12. Do any areas need to be weeded or shrub cleared?	☐ Y	☒ N	NA	
13. Are there any bald spots in grassy areas?	☐ Y	☒ N	NA	
14. Are the access roads clear?	☒ Y	☐ N	NA	
15. Do any areas (site roads or access to wells) need to be plowed?	☐ Y	☒ N	NA	
16. Are there any sink holes throughout the site?	☐ Y	☒ N	NA	
17. Any odors onsite?	☐ Y	☒ N	NA	
18. Are site signs still up and visible?	☐ Y	☐ N	☒ NA	
Soil Cover				
19. Is the soil cover over the biocell cap intact?	☒ Y	☐ N	NA	
19a. If there are any issues observed with the soil cap, describe below	☐ Y	☒ N	NA	
Upon leaving the site, check the following;				
32. Were the gates closed and locked after leaving site?	☒ Y	☐ N	NA	

Note:

Signature of Inspector:

Jason Gutkowski

Include General Site Observations and Follow-Up Actions on the Reverse



110 West Fayette Street Suite 300
Syracuse
New York, 13202
Phone: 315 446 9120
Fax: 315 449 0017

Date: 5/18/2022
Time: 1003

Weather

Temperature

~~Partly Cloudy~~
Sunny

High 60
Low 55

Site Inspection Report

Client: Stauffer Management Company LLC
Location: Pike Road, Town of McDonough, NY 13801

Project No. 30077092
Inspected By: Jason Gutkowski

Please note any deficiencies, issues, or actions taken at the bottom of the page or on continuation pages

Site Security	Circle one			Comments/Action Required
1. Was gate closed and locked when arriving at site?	☒ Y	☐ N	NA	
2. Are there any holes or breaks in the fencing?	☐ Y	☒ N	NA	
3. Are there any signs of vandalism or unauthorized entry (odd tire tracks, damage to fence, strange debris [bottles, cans, etc])?	☐ Y	☒ N	NA	
3a. If so, explain below and notify SMC and Arcadis immediately				
Wells				
6. Is MW-104 intact?	☒ Y	☐ N	NA	
7. Is the well covered (with lid or cap)?	☒ Y	☐ N	NA	
8. Is the well locked?	☒ Y	☐ N	NA	
Site Maintenance				
9. Is there any garbage or debris? If so, please remove/discard.	☐ Y	☒ N	NA	
10. Is there visible dust?	☐ Y	☒ N	NA	
11. Does the grass need to be mowed?	☐ Y	☒ N	NA	
12. Do any areas need to be weeded or shrub cleared?	☒ Y	☐ N	NA	Down small trees
13. Are there any bald spots in grassy areas?	☐ Y	☒ N	NA	Along # on Road
14. Are the access roads clear?	☐ Y	☒ N	NA	"
15. Do any areas (site roads or access to wells) need to be plowed?	☐ Y	☒ N	NA	
16. Are there any sink holes throughout the site?	☐ Y	☒ N	NA	
17. Any odors onsite?	☐ Y	☒ N	NA	
18. Are site signs still up and visible?	☒ Y	☐ N	NA	
Soil Cover				
19. Is the soil cover over the biocell cap intact?	☒ Y	☐ N	NA	
19a. If there are any issues observed with the soil cap, describe below	☐ Y	☐ N	☒ NA	
Upon leaving the site, check the following:				
32. Were the gates closed and locked after leaving site?	☒ Y	☐ N	NA	

Note:

Signature of Inspector:

Sam Mottli

Include General Site Observations and Follow-Up Actions on the Reverse

Arcadis of New York, Inc.
One Lincoln Center, 110 West Fayette Street, Suite 300
Syracuse
New York 13202
Phone: 315 446 9120
Fax: 315 449 0017
www.arcadis.com